Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR102519\
Data File : PR042533.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Oct 2019 14:44
Operator : SM\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : ECD_R
ClientSampleId : AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 26 05:44:30 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR101719.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Oct 17 06:40:58 2019
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.725	3.986	258.5E6	939.4E6	54.286	55.173	
2)	SA Decachlor...	10.646	9.090	164.8E6	493.8E6	47.142	48.647	
	Target Compounds							
3)	L1 AR-1016-1	5.902	5.081	79988418	272.0E6	511.739	509.979	
4)	L1 AR-1016-2	5.925	5.101	113.8E6	374.2E6	511.476	509.105	
5)	L1 AR-1016-3	5.988	5.280	66385864	180.8E6	502.526	556.900	
6)	L1 AR-1016-4	6.088	5.319	55064617	132.6E6	508.788	507.746	
7)	L1 AR-1016-5	6.382	5.535	53496960	135.5E6	494.552	457.197	
8)	L2 AR-1221-1	4.929	4.196	6151898	26325420	140.375	154.970	
9)	L2 AR-1221-2	5.022	4.286	9574727	38971750	286.051	308.270	
10)	L2 AR-1221-3	5.099	4.362	35455356	142.5E6	330.586	353.974	
11)	L3 AR-1232-1	5.099	4.362	35455356	142.5E6	227.592	245.335	
12)	L3 AR-1232-2	5.634	5.101	52489092	374.2E6	666.125	664.743	
13)	L3 AR-1232-3	5.925	5.280	113.8E6	180.8E6	679.458	714.709	
14)	L3 AR-1232-4	6.088	5.362	55064617	155.5E6	671.871	738.173	
15)	L3 AR-1232-5	6.175	5.535	47984510	135.5E6	784.980	646.024	
16)	L4 AR-1242-1	5.902	5.081	79988418	272.0E6	682.132	660.409	
17)	L4 AR-1242-2	5.925	5.101	113.8E6	374.2E6	674.755	672.007	
18)	L4 AR-1242-3	5.988	5.280	66385864	180.8E6	660.457	684.136	
19)	L4 AR-1242-4	6.088	5.362	55064617	155.5E6	659.839	644.868	
20)	L4 AR-1242-5	6.826	5.889	8254148	151.9E6	86.139	570.990	#
21)	L5 AR-1248-1	5.902	5.081	79988418	272.0E6	864.228	825.924	
22)	L5 AR-1248-2	6.175	5.319	47984510	132.6E6	375.333	378.228	
23)	L5 AR-1248-3	6.382	5.362	53496960	155.5E6	372.131	443.075	
24)	L5 AR-1248-4	6.785	5.535	8863546	135.5E6	52.098	356.575	#
25)	L5 AR-1248-5	6.826	5.930	8254148	45603698	51.404	122.504	#
26)	L6 AR-1254-1	6.759	5.889	37865106	151.9E6	210.792	264.221	#
27)	L6 AR-1254-2	6.975	6.035	39687131	155.0E6	140.568	283.433	#
28)	L6 AR-1254-3	7.346	6.457	27092040	261.4E6	88.612	271.853	#
29)	L6 AR-1254-4	7.632	6.670	36178214	36905914	162.479	56.222	#
30)	L6 AR-1254-5	8.050	7.088	133.5E6	395.5E6	575.525	481.611	
31)	L7 AR-1260-1	7.507	6.573	99089755	294.6E6	476.371	509.356	
32)	L7 AR-1260-2	7.763	6.759	121.6E6	406.7E6	495.067	515.261	
33)	L7 AR-1260-3	8.125	6.915	85329563	337.9E6	457.320	496.916	
34)	L7 AR-1260-4	8.364	7.388	96523662	265.9E6	458.204	485.207	
35)	L7 AR-1260-5	8.703	7.627	191.9E6	725.7E6	456.737	492.468	
36)	L8 AR-1262-1	8.125	7.180	85329563	164.3E6	291.208	403.002	#
37)	L8 AR-1262-2	8.703	7.627	191.9E6	725.7E6	352.843	391.942	
38)	L8 AR-1262-3	9.056	7.913	114.8E6	153.6E6	335.177	221.144	#
39)	L8 AR-1262-4	9.112	7.977	69183162	451.2E6	526.764	369.686	#
40)	L8 AR-1262-5	9.835	8.494	47406152	156.4E6	290.561	296.438	
41)	L9 AR-1268-1	9.056	7.913	114.8E6	153.6E6	209.476	81.786	#
42)	L9 AR-1268-2	9.112	7.977	69183162	451.2E6	142.888	270.325	#

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR102519\
Data File : PR042533.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Oct 2019 14:44
Operator : SM\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 26 05:44:30 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR101719.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Oct 17 06:40:58 2019
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
43)	L9 AR-1268-3	0.000	8.191	0	7798296	N.D.	5.547	#
44)	L9 AR-1268-4	9.835	8.494	47406152	156.4E6	284.980	288.992	
45)	L9 AR-1268-5	10.280	8.810	11949351	39811887	9.779	10.422	

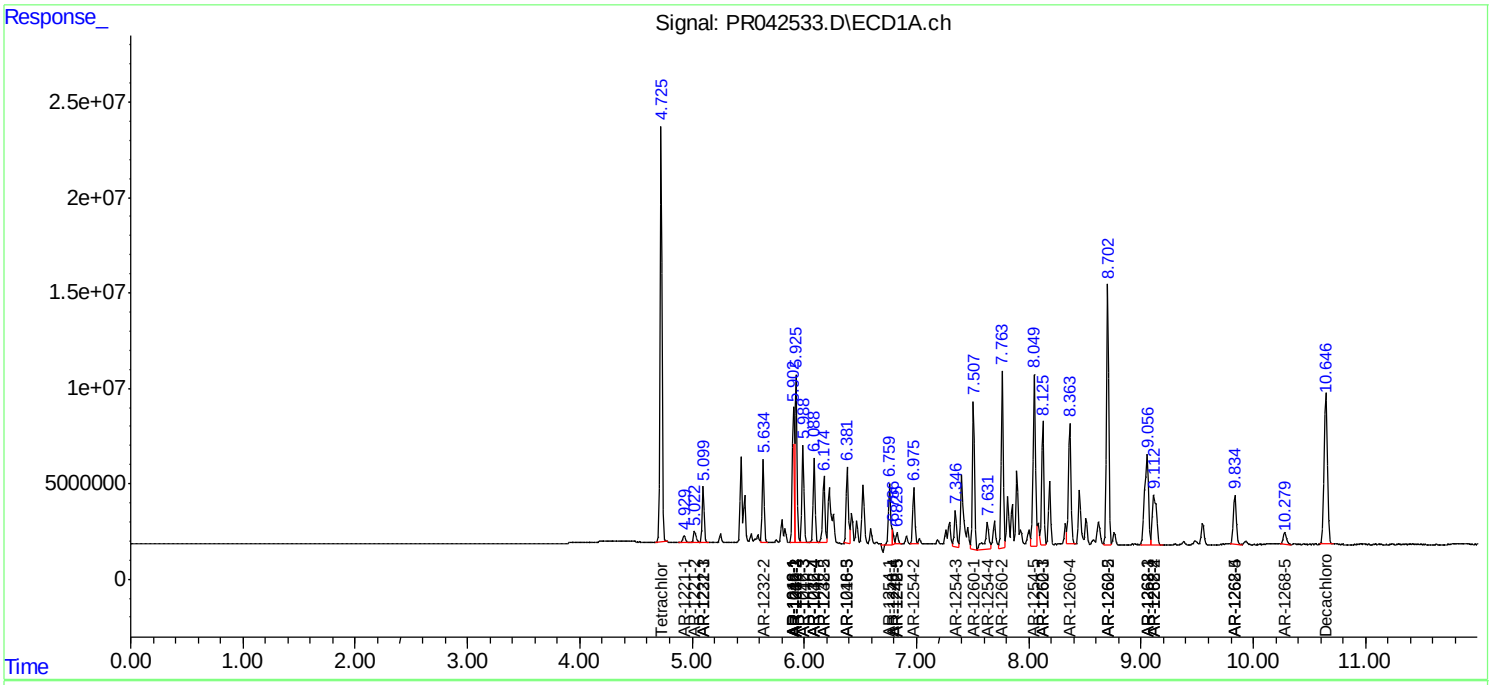
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

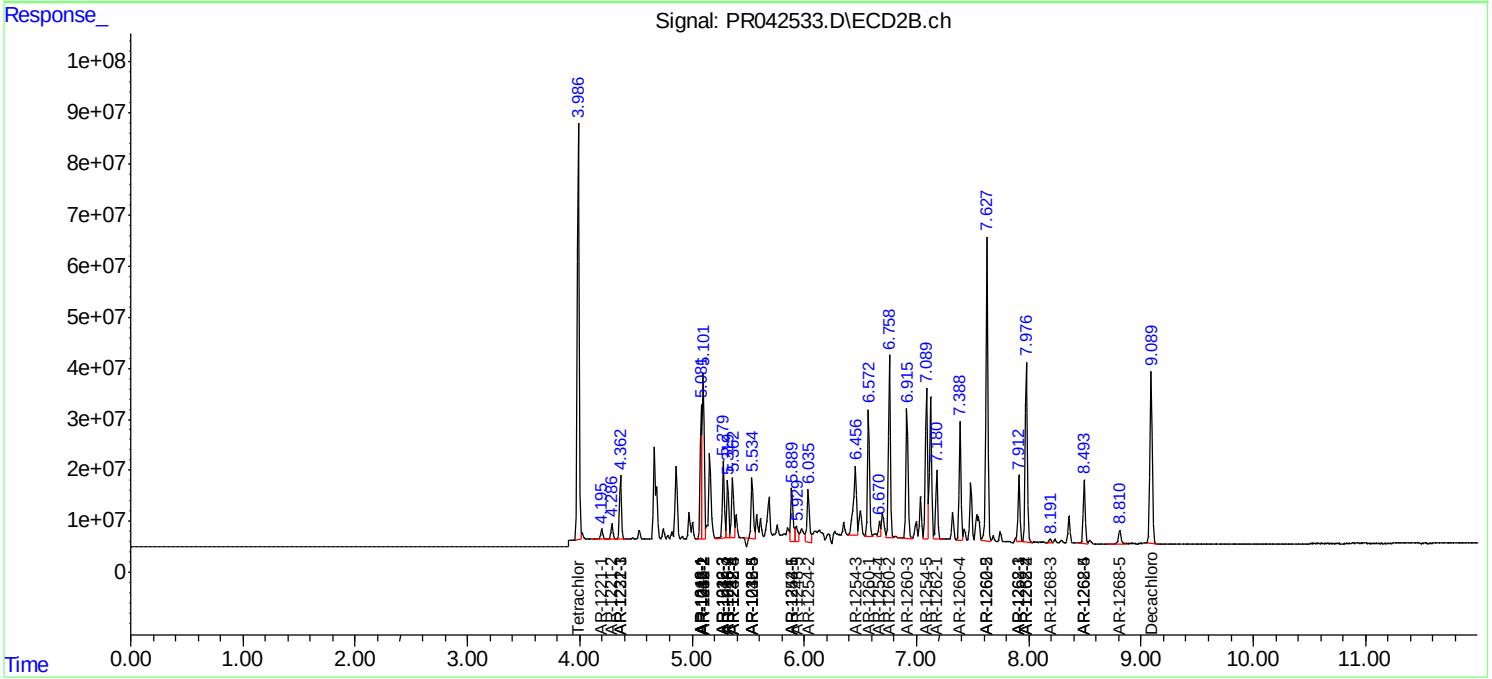
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR102519\
Data File : PR042533.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Oct 2019 14:44
Operator : SM\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

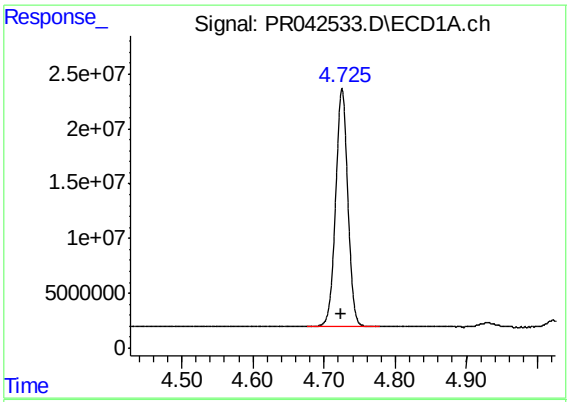
Instrument :
ECD_R
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 26 05:44:30 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR101719.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Oct 17 06:40:58 2019
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



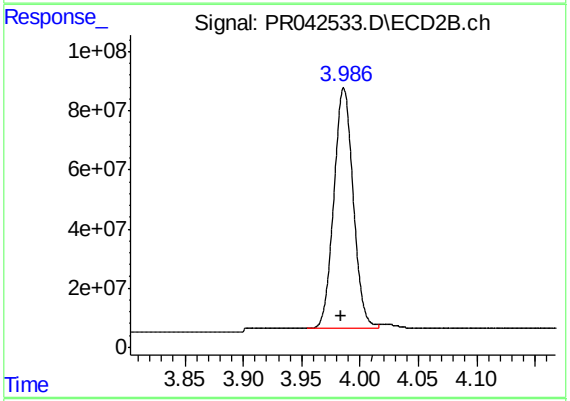




#1 Tetrachloro-m-xylene

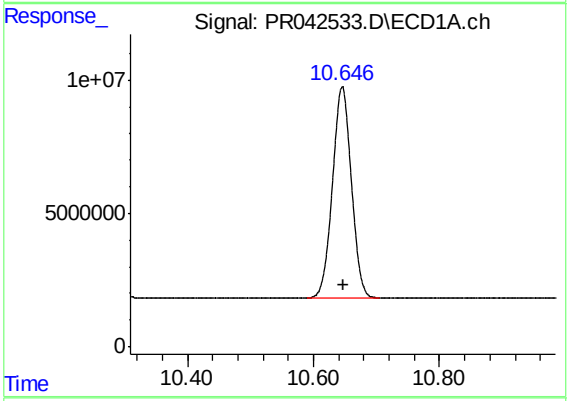
R.T.: 4.725 min
Delta R.T.: 0.002 min
Response: 258530990
Conc: 54.29 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



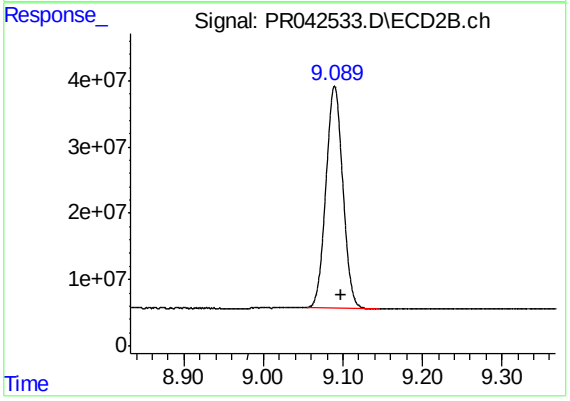
#1 Tetrachloro-m-xylene

R.T.: 3.986 min
Delta R.T.: 0.003 min
Response: 939364755
Conc: 55.17 ng/ml



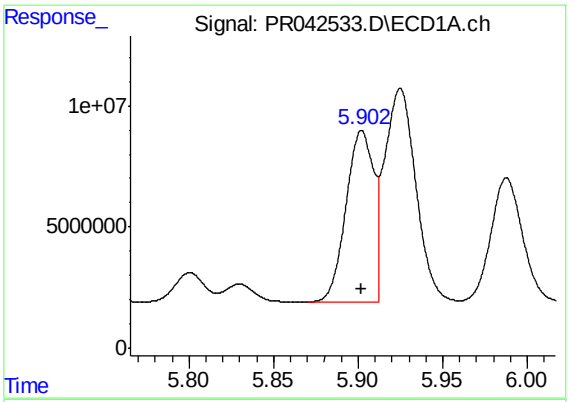
#2 Decachlorobiphenyl

R.T.: 10.646 min
Delta R.T.: -0.002 min
Response: 164824850
Conc: 47.14 ng/ml



#2 Decachlorobiphenyl

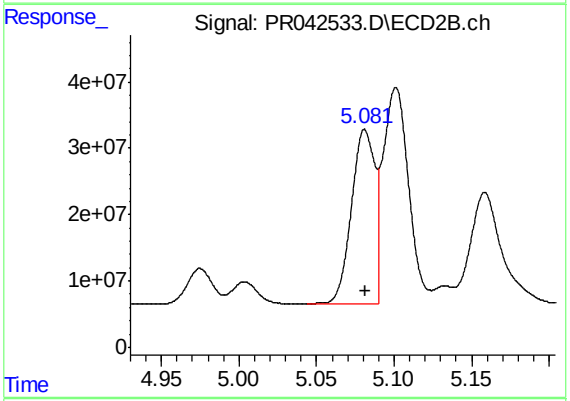
R.T.: 9.090 min
Delta R.T.: -0.008 min
Response: 493812225
Conc: 48.65 ng/ml



#3 AR-1016-1

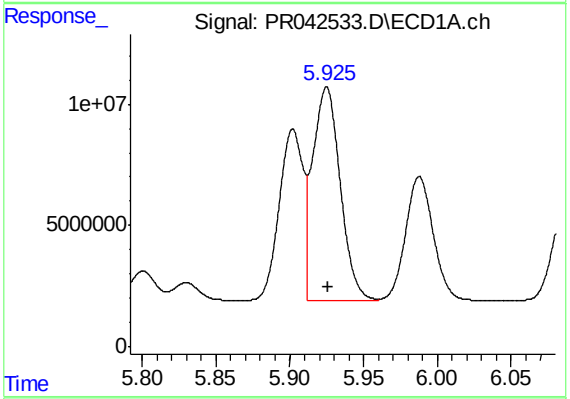
R.T.: 5.902 min
Delta R.T.: 0.000 min
Response: 79988418
Conc: 511.74 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



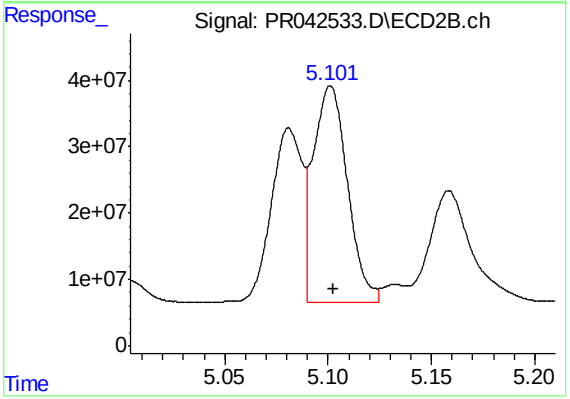
#3 AR-1016-1

R.T.: 5.081 min
Delta R.T.: 0.000 min
Response: 271979235
Conc: 509.98 ng/ml



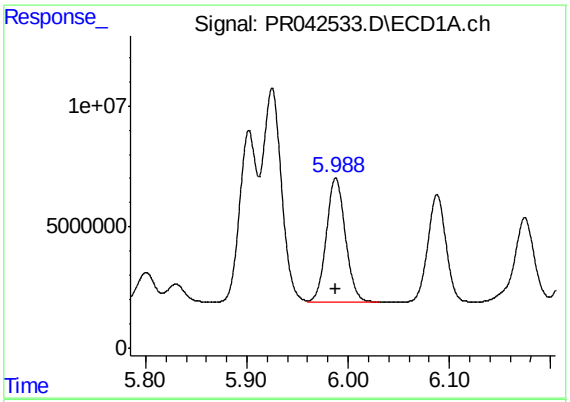
#4 AR-1016-2

R.T.: 5.925 min
Delta R.T.: 0.000 min
Response: 113845608
Conc: 511.48 ng/ml



#4 AR-1016-2

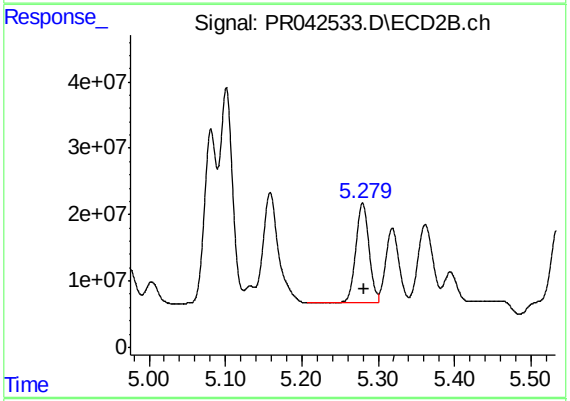
R.T.: 5.101 min
Delta R.T.: -0.002 min
Response: 374179684
Conc: 509.10 ng/ml



#5 AR-1016-3

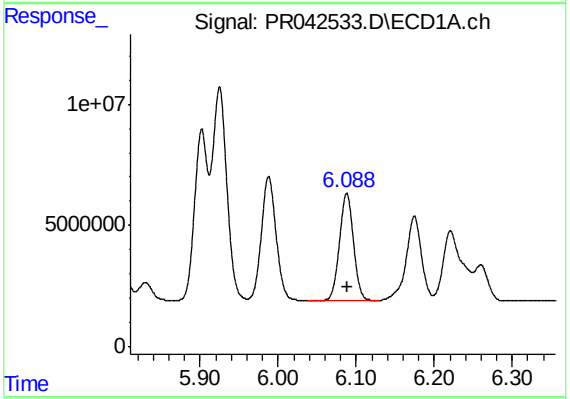
R.T.: 5.988 min
Delta R.T.: 0.000 min
Response: 66385864
Conc: 502.53 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



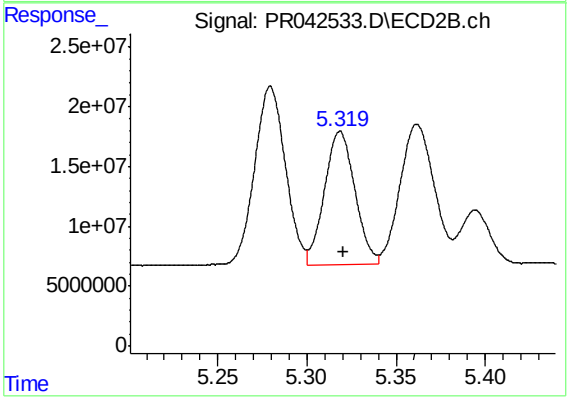
#5 AR-1016-3

R.T.: 5.280 min
Delta R.T.: -0.001 min
Response: 180769264
Conc: 556.90 ng/ml



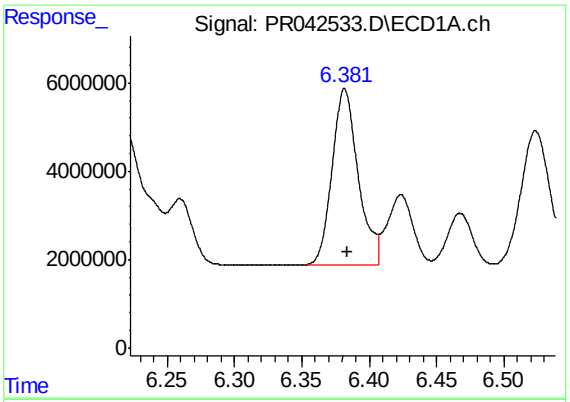
#6 AR-1016-4

R.T.: 6.088 min
Delta R.T.: 0.000 min
Response: 55064617
Conc: 508.79 ng/ml



#6 AR-1016-4

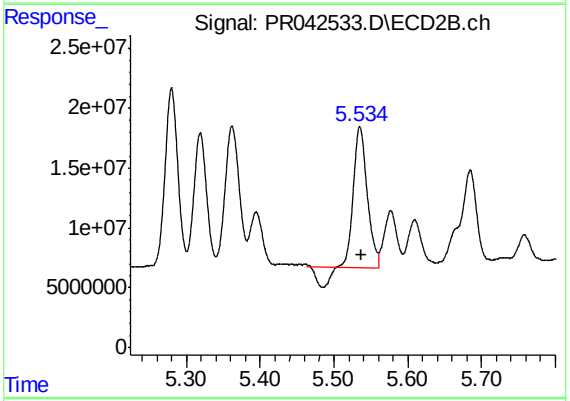
R.T.: 5.319 min
Delta R.T.: -0.002 min
Response: 132607828
Conc: 507.75 ng/ml



#7 AR-1016-5

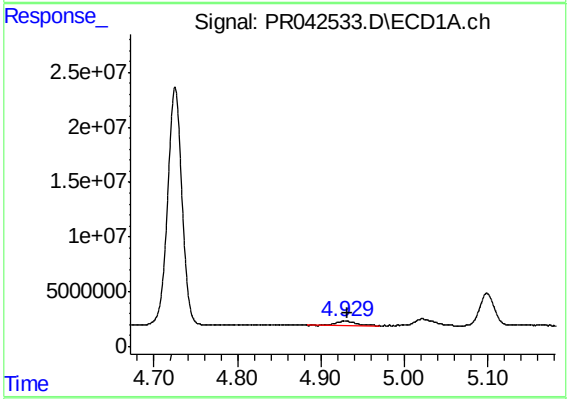
R.T.: 6.382 min
Delta R.T.: -0.002 min
Response: 53496960
Conc: 494.55 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



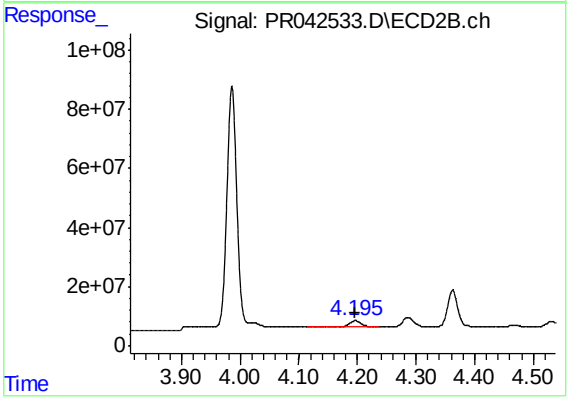
#7 AR-1016-5

R.T.: 5.535 min
Delta R.T.: -0.003 min
Response: 135506431
Conc: 457.20 ng/ml



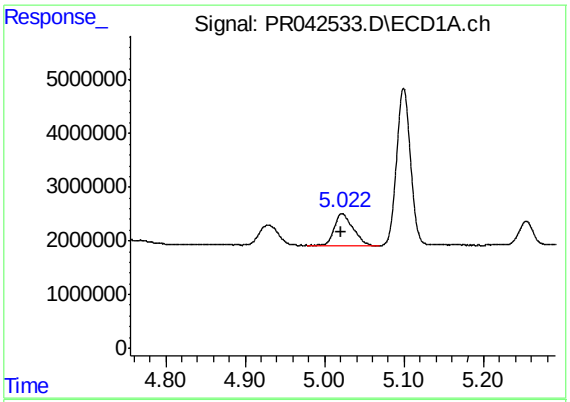
#8 AR-1221-1

R.T.: 4.929 min
Delta R.T.: -0.003 min
Response: 6151898
Conc: 140.38 ng/ml



#8 AR-1221-1

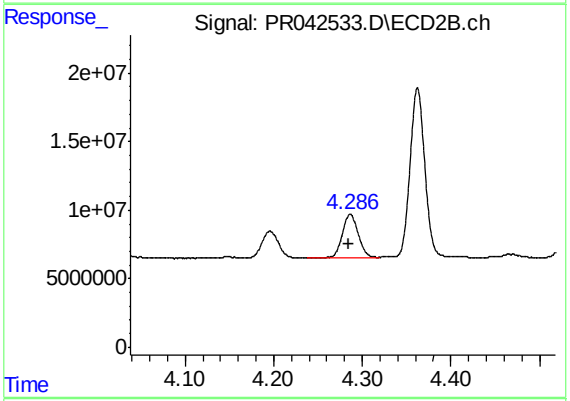
R.T.: 4.196 min
Delta R.T.: 0.000 min
Response: 26325420
Conc: 154.97 ng/ml



#9 AR-1221-2

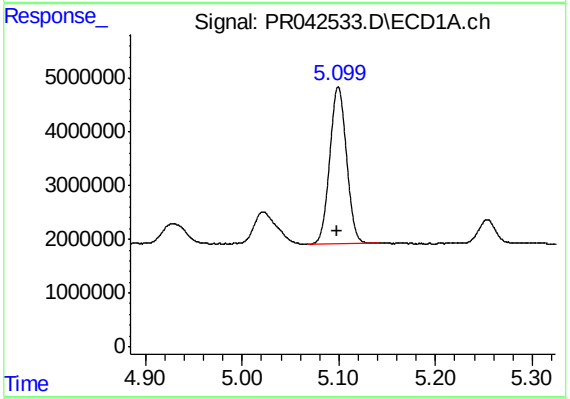
R.T.: 5.022 min
Delta R.T.: 0.002 min
Response: 9574727
Conc: 286.05 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



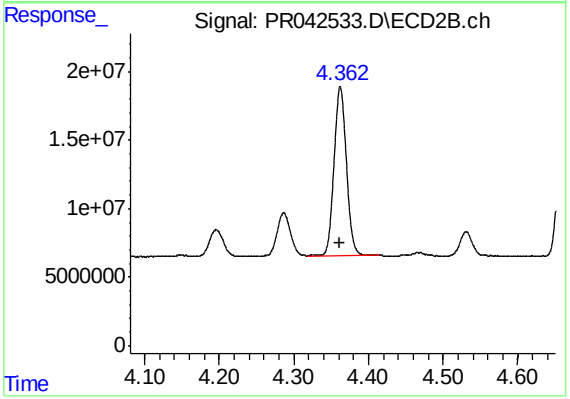
#9 AR-1221-2

R.T.: 4.286 min
Delta R.T.: 0.002 min
Response: 38971750
Conc: 308.27 ng/ml



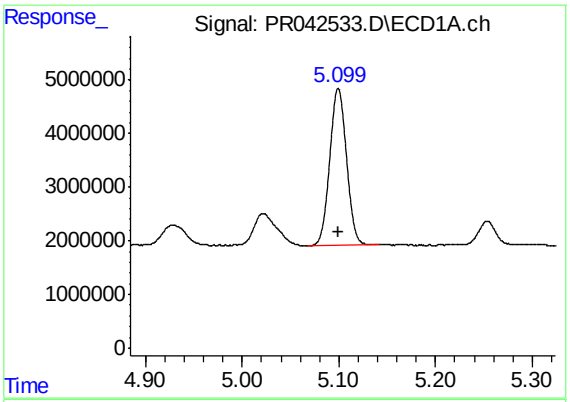
#10 AR-1221-3

R.T.: 5.099 min
Delta R.T.: 0.000 min
Response: 35455356
Conc: 330.59 ng/ml



#10 AR-1221-3

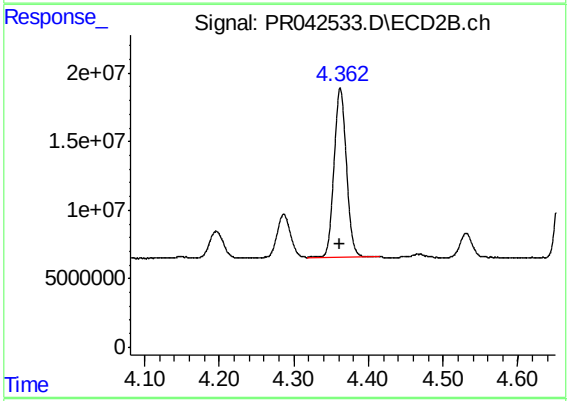
R.T.: 4.362 min
Delta R.T.: 0.000 min
Response: 142475461
Conc: 353.97 ng/ml



#11 AR-1232-1

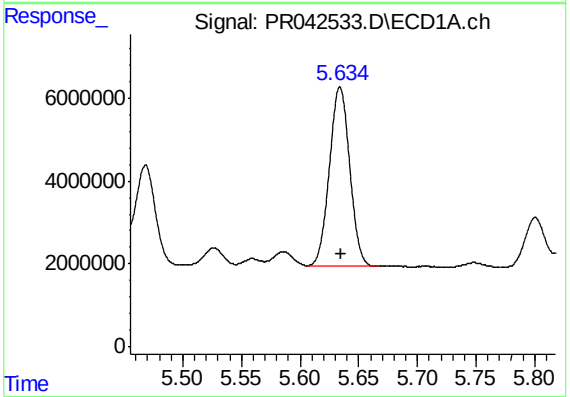
R.T.: 5.099 min
Delta R.T.: 0.000 min
Response: 35455356
Conc: 227.59 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



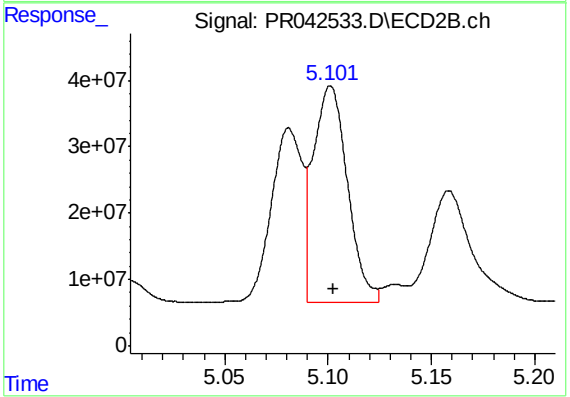
#11 AR-1232-1

R.T.: 4.362 min
Delta R.T.: 0.000 min
Response: 142475461
Conc: 245.34 ng/ml



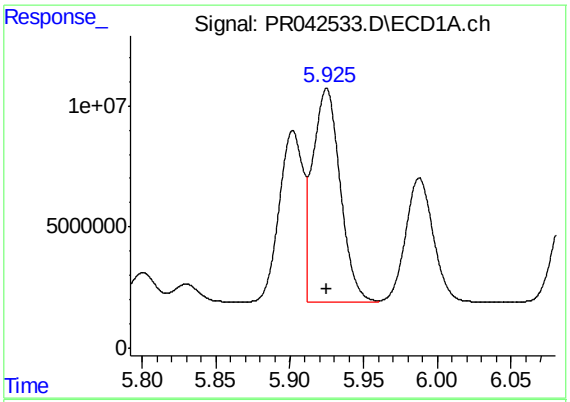
#12 AR-1232-2

R.T.: 5.634 min
Delta R.T.: 0.000 min
Response: 52489092
Conc: 666.13 ng/ml



#12 AR-1232-2

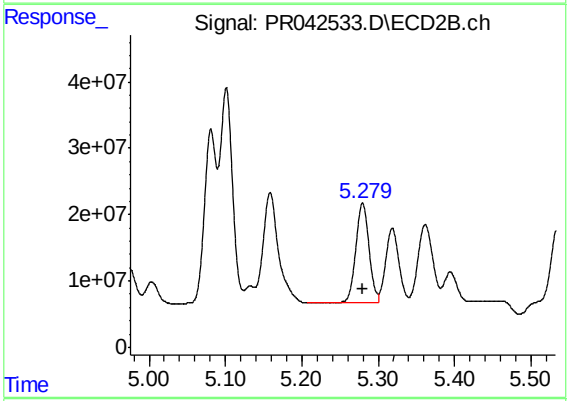
R.T.: 5.101 min
Delta R.T.: -0.001 min
Response: 374179684
Conc: 664.74 ng/ml



#13 AR-1232-3

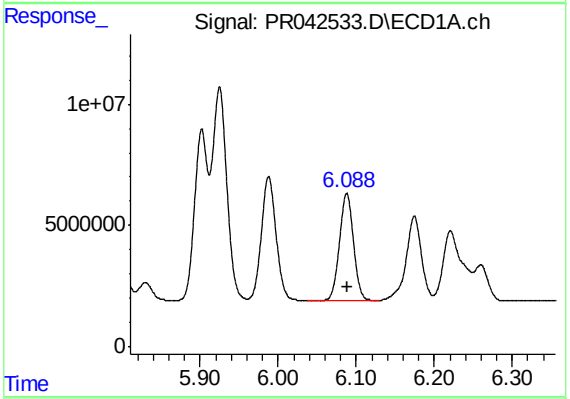
R.T.: 5.925 min
Delta R.T.: 0.000 min
Response: 113845608
Conc: 679.46 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



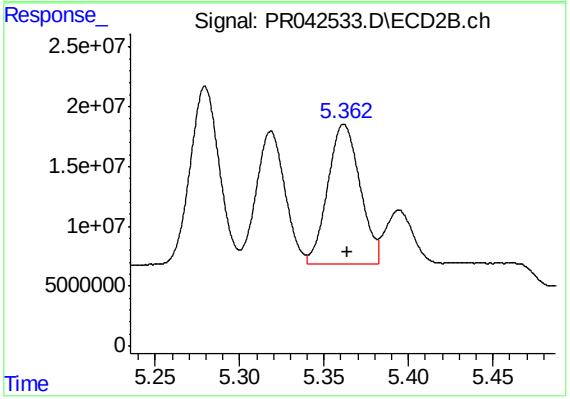
#13 AR-1232-3

R.T.: 5.280 min
Delta R.T.: 0.000 min
Response: 180769264
Conc: 714.71 ng/ml



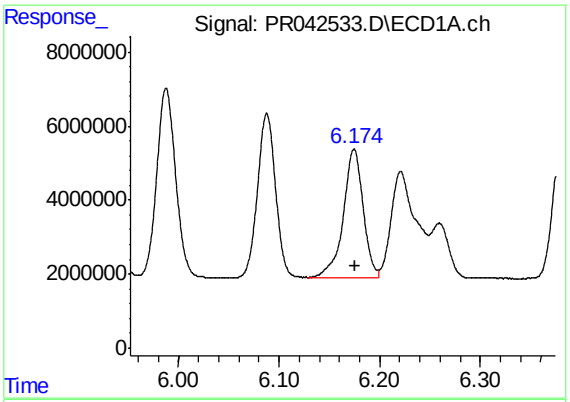
#14 AR-1232-4

R.T.: 6.088 min
Delta R.T.: -0.001 min
Response: 55064617
Conc: 671.87 ng/ml



#14 AR-1232-4

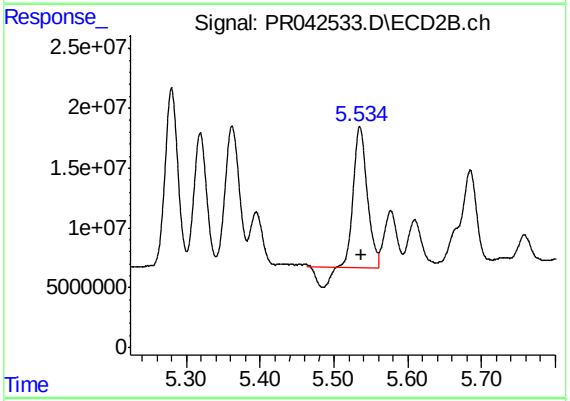
R.T.: 5.362 min
Delta R.T.: -0.002 min
Response: 155547720
Conc: 738.17 ng/ml



#15 AR-1232-5

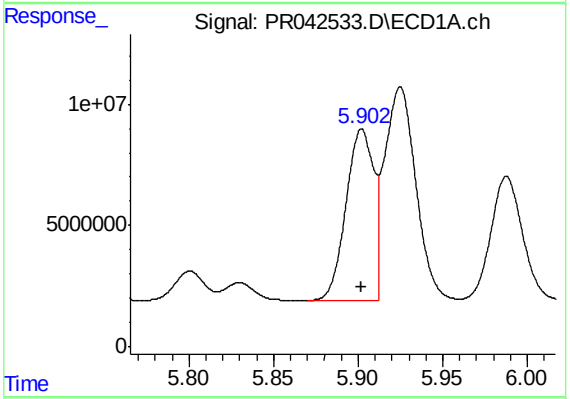
R.T.: 6.175 min
Delta R.T.: 0.000 min
Response: 47984510
Conc: 784.98 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



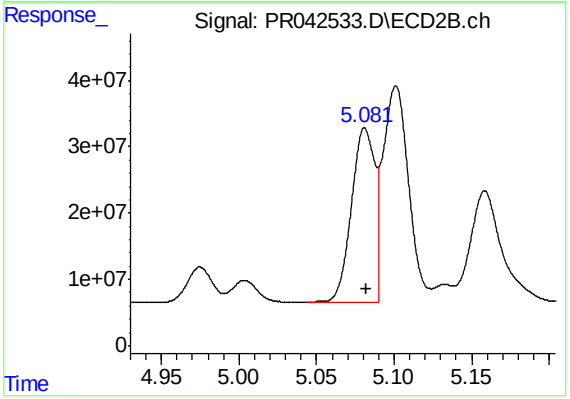
#15 AR-1232-5

R.T.: 5.535 min
Delta R.T.: -0.002 min
Response: 135506431
Conc: 646.02 ng/ml



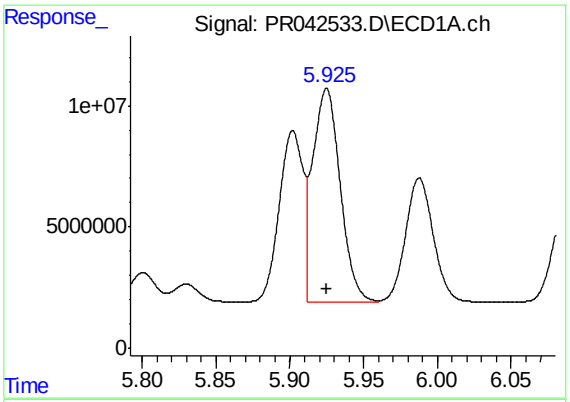
#16 AR-1242-1

R.T.: 5.902 min
Delta R.T.: 0.000 min
Response: 79988418
Conc: 682.13 ng/ml



#16 AR-1242-1

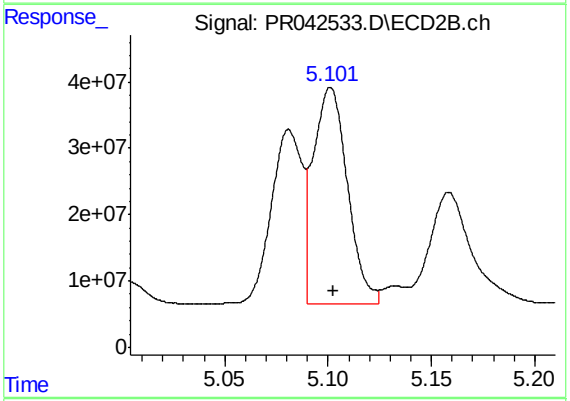
R.T.: 5.081 min
Delta R.T.: 0.000 min
Response: 271979235
Conc: 660.41 ng/ml



#17 AR-1242-2

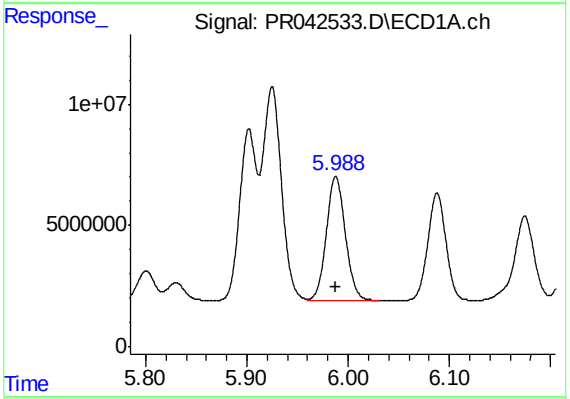
R.T.: 5.925 min
Delta R.T.: 0.000 min
Response: 113845608
Conc: 674.75 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



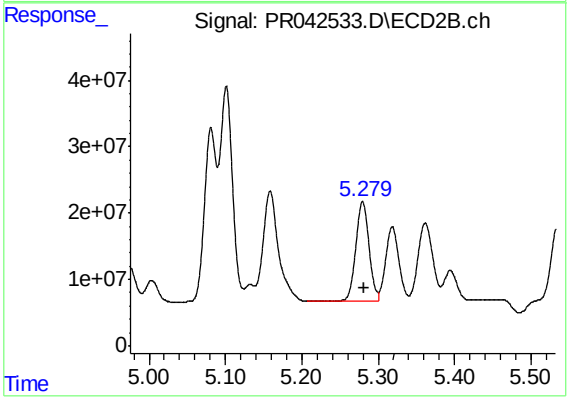
#17 AR-1242-2

R.T.: 5.101 min
Delta R.T.: -0.001 min
Response: 374179684
Conc: 672.01 ng/ml



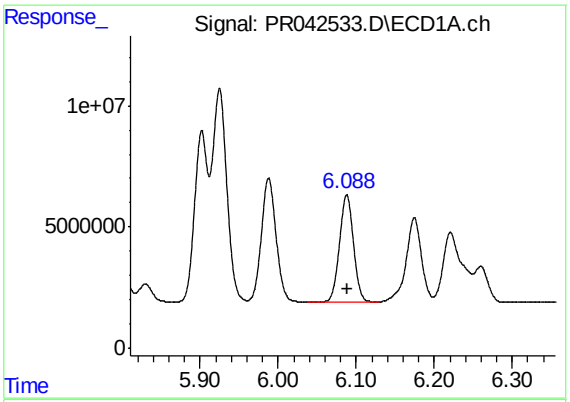
#18 AR-1242-3

R.T.: 5.988 min
Delta R.T.: 0.000 min
Response: 66385864
Conc: 660.46 ng/ml



#18 AR-1242-3

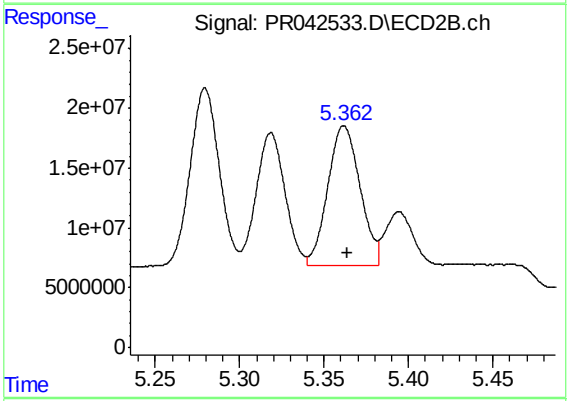
R.T.: 5.280 min
Delta R.T.: -0.001 min
Response: 180769264
Conc: 684.14 ng/ml



#19 AR-1242-4

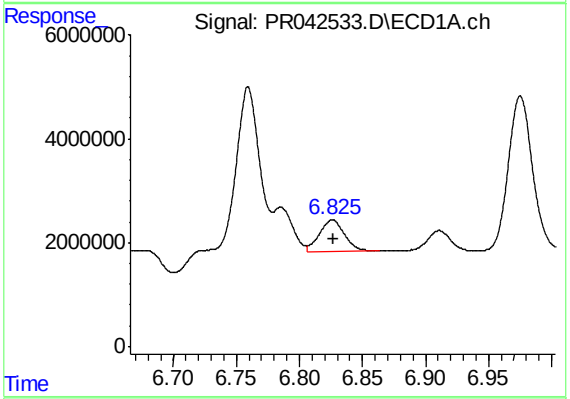
R.T.: 6.088 min
Delta R.T.: 0.000 min
Response: 55064617
Conc: 659.84 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



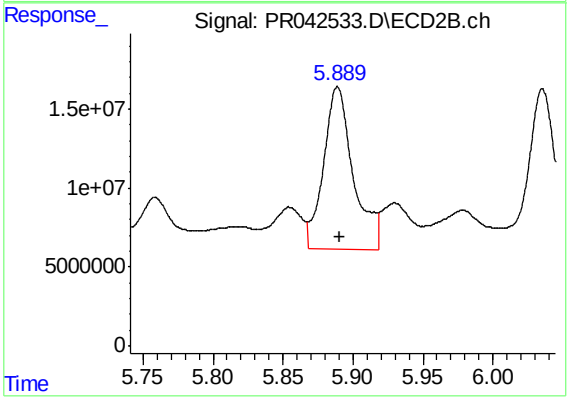
#19 AR-1242-4

R.T.: 5.362 min
Delta R.T.: -0.002 min
Response: 155547720
Conc: 644.87 ng/ml



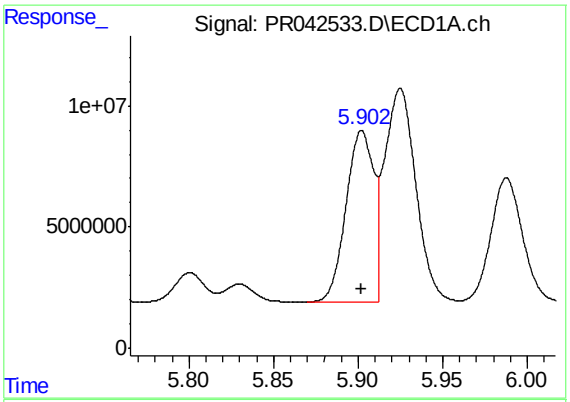
#20 AR-1242-5

R.T.: 6.826 min
Delta R.T.: 0.000 min
Response: 8254148
Conc: 86.14 ng/ml



#20 AR-1242-5

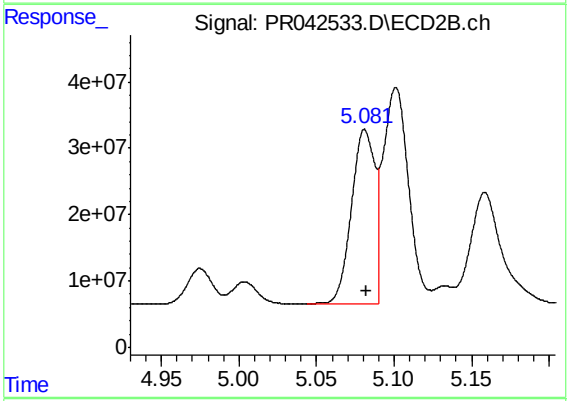
R.T.: 5.889 min
Delta R.T.: -0.001 min
Response: 151878908
Conc: 570.99 ng/ml



#21 AR-1248-1

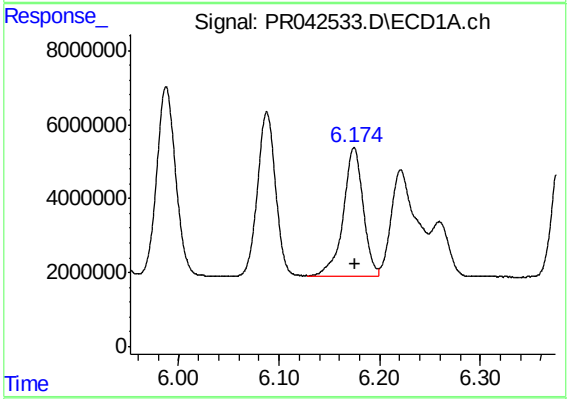
R.T.: 5.902 min
Delta R.T.: 0.000 min
Response: 79988418
Conc: 864.23 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



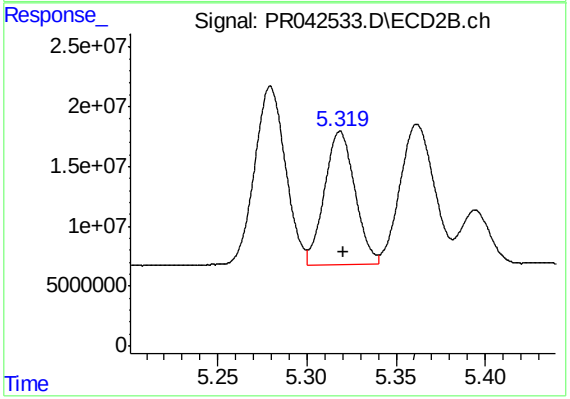
#21 AR-1248-1

R.T.: 5.081 min
Delta R.T.: -0.001 min
Response: 271979235
Conc: 825.92 ng/ml



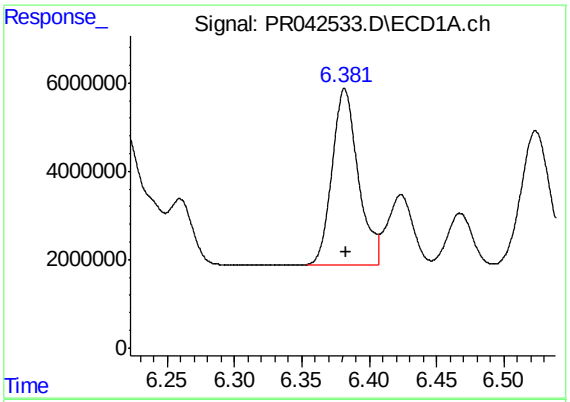
#22 AR-1248-2

R.T.: 6.175 min
Delta R.T.: 0.000 min
Response: 47984510
Conc: 375.33 ng/ml



#22 AR-1248-2

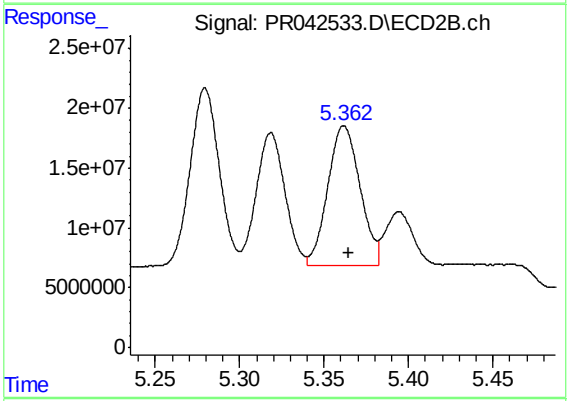
R.T.: 5.319 min
Delta R.T.: -0.002 min
Response: 132607828
Conc: 378.23 ng/ml



#23 AR-1248-3

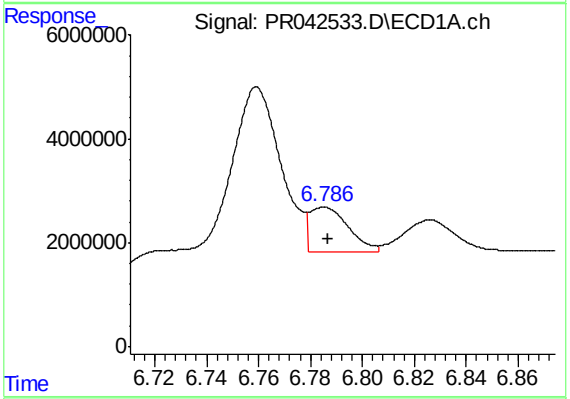
R.T.: 6.382 min
Delta R.T.: 0.000 min
Response: 53496960
Conc: 372.13 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



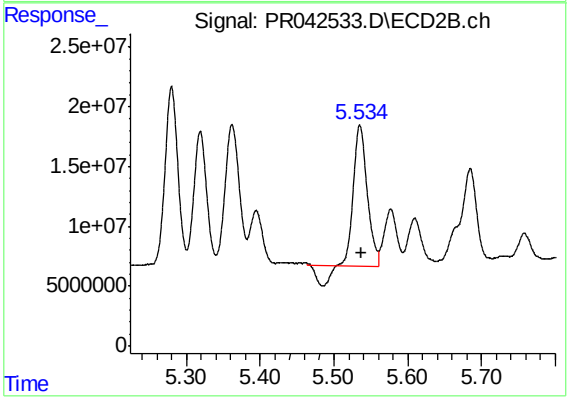
#23 AR-1248-3

R.T.: 5.362 min
Delta R.T.: -0.003 min
Response: 155547720
Conc: 443.07 ng/ml



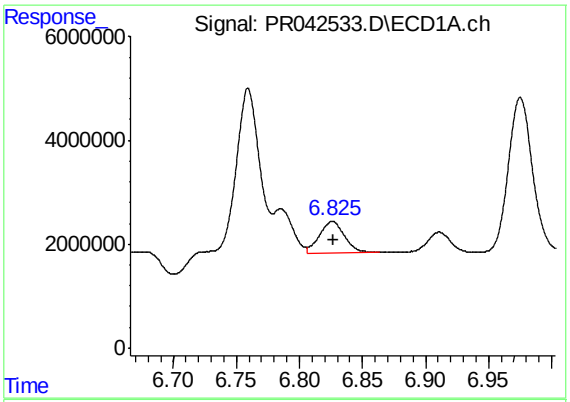
#24 AR-1248-4

R.T.: 6.785 min
Delta R.T.: -0.001 min
Response: 8863546
Conc: 52.10 ng/ml



#24 AR-1248-4

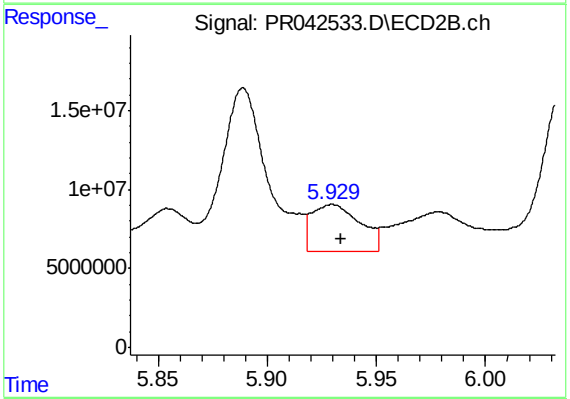
R.T.: 5.535 min
Delta R.T.: -0.003 min
Response: 135506431
Conc: 356.58 ng/ml



#25 AR-1248-5

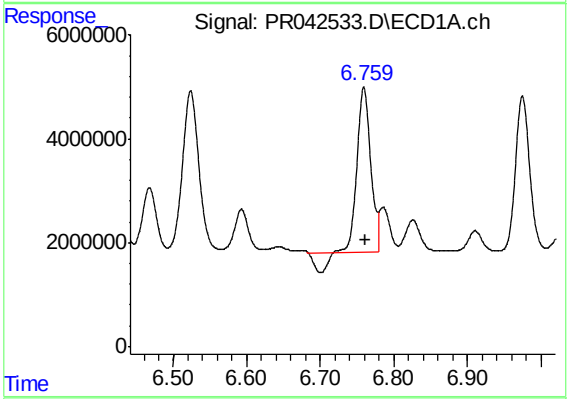
R.T.: 6.826 min
Delta R.T.: 0.000 min
Response: 8254148
Conc: 51.40 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



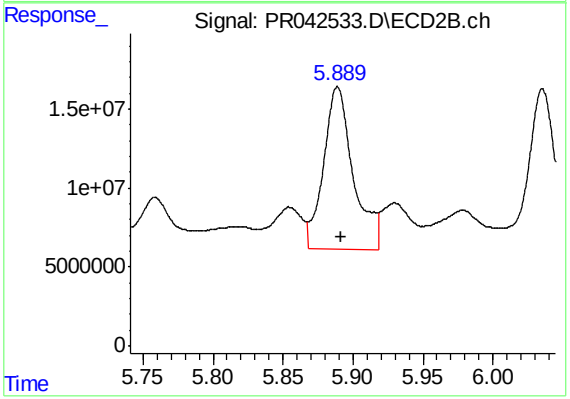
#25 AR-1248-5

R.T.: 5.930 min
Delta R.T.: -0.004 min
Response: 45603698
Conc: 122.50 ng/ml



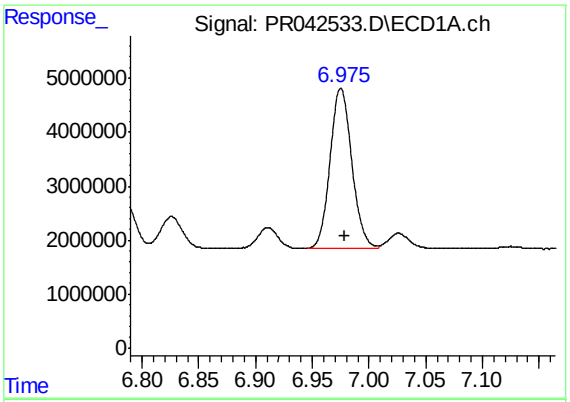
#26 AR-1254-1

R.T.: 6.759 min
Delta R.T.: -0.001 min
Response: 37865106
Conc: 210.79 ng/ml



#26 AR-1254-1

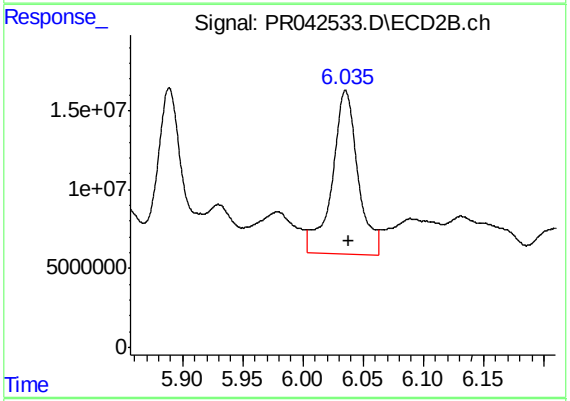
R.T.: 5.889 min
Delta R.T.: -0.003 min
Response: 151878908
Conc: 264.22 ng/ml



#27 AR-1254-2

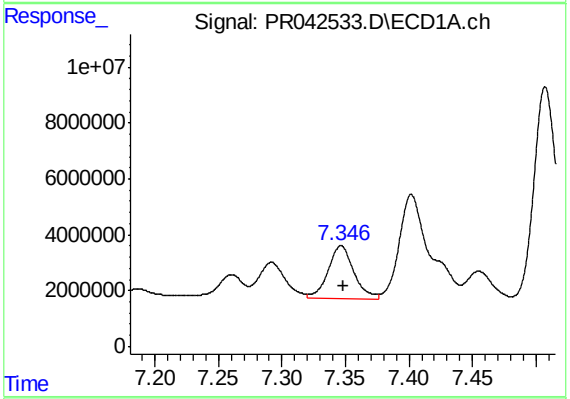
R.T.: 6.975 min
Delta R.T.: -0.003 min
Response: 39687131
Conc: 140.57 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



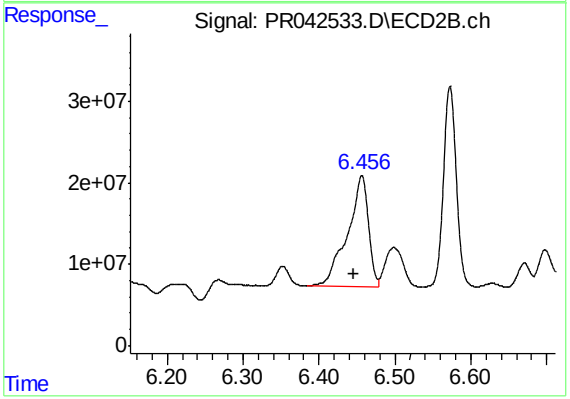
#27 AR-1254-2

R.T.: 6.035 min
Delta R.T.: -0.003 min
Response: 155045923
Conc: 283.43 ng/ml



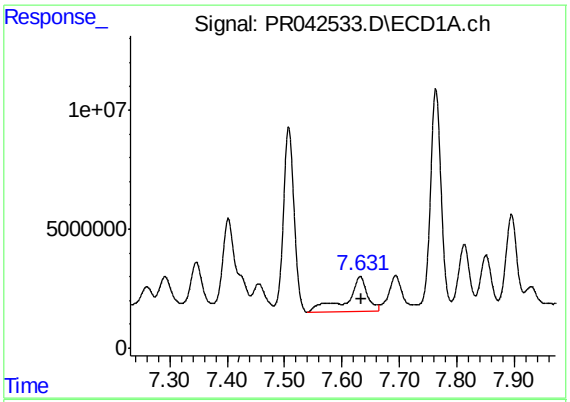
#28 AR-1254-3

R.T.: 7.346 min
Delta R.T.: -0.002 min
Response: 27092040
Conc: 88.61 ng/ml



#28 AR-1254-3

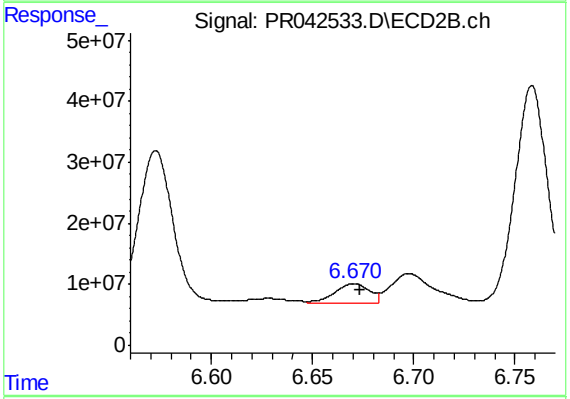
R.T.: 6.457 min
Delta R.T.: 0.011 min
Response: 261387646
Conc: 271.85 ng/ml



#29 AR-1254-4

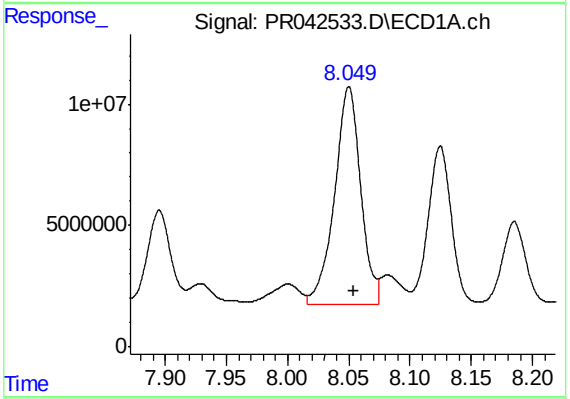
R.T.: 7.632 min
Delta R.T.: -0.002 min
Response: 36178214
Conc: 162.48 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



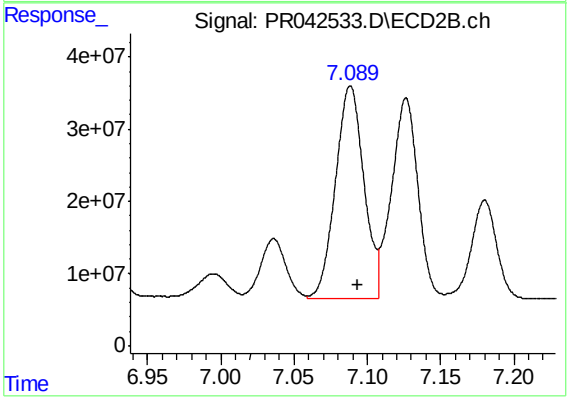
#29 AR-1254-4

R.T.: 6.670 min
Delta R.T.: -0.003 min
Response: 36905914
Conc: 56.22 ng/ml



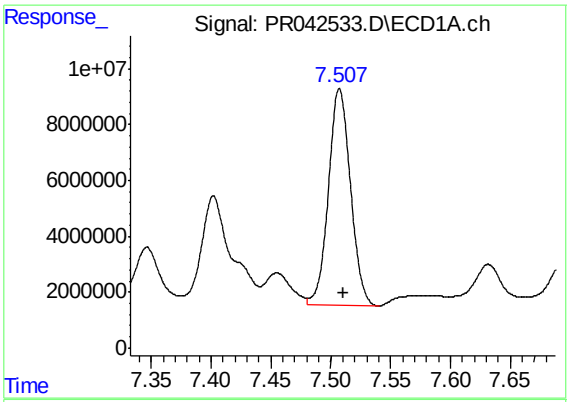
#30 AR-1254-5

R.T.: 8.050 min
Delta R.T.: -0.003 min
Response: 133467205
Conc: 575.52 ng/ml



#30 AR-1254-5

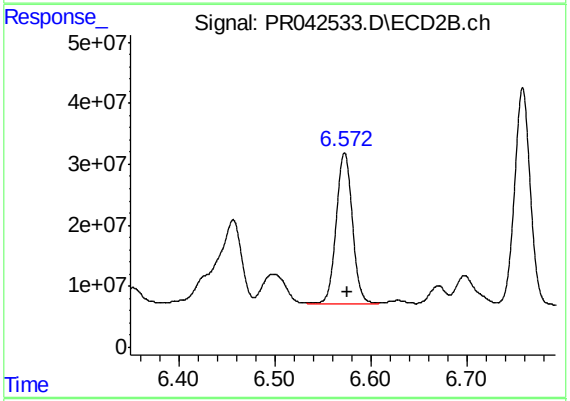
R.T.: 7.088 min
Delta R.T.: -0.005 min
Response: 395514791
Conc: 481.61 ng/ml



#31 AR-1260-1

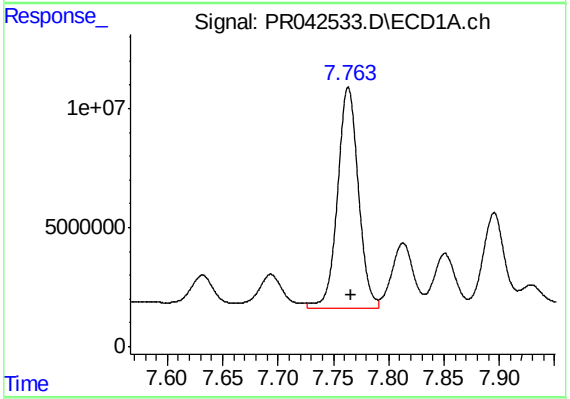
R.T.: 7.507 min
Delta R.T.: -0.004 min
Response: 99089755
Conc: 476.37 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



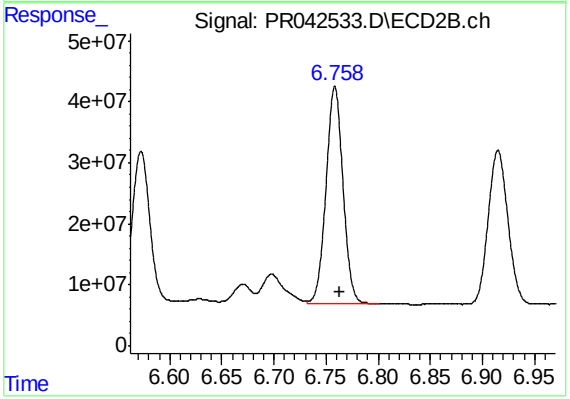
#31 AR-1260-1

R.T.: 6.573 min
Delta R.T.: -0.004 min
Response: 294616388
Conc: 509.36 ng/ml



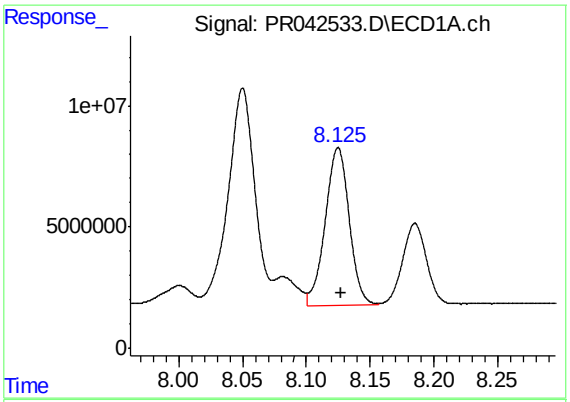
#32 AR-1260-2

R.T.: 7.763 min
Delta R.T.: -0.002 min
Response: 121561559
Conc: 495.07 ng/ml



#32 AR-1260-2

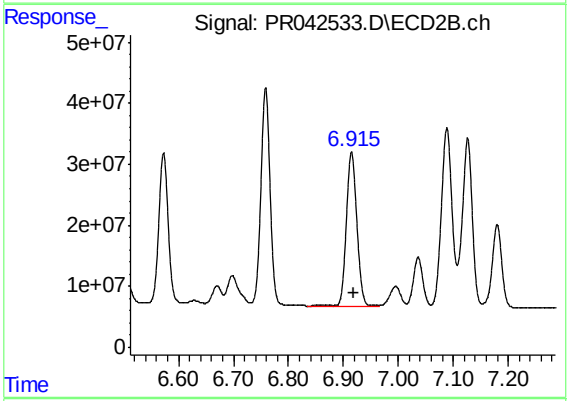
R.T.: 6.759 min
Delta R.T.: -0.004 min
Response: 406746763
Conc: 515.26 ng/ml



#33 AR-1260-3

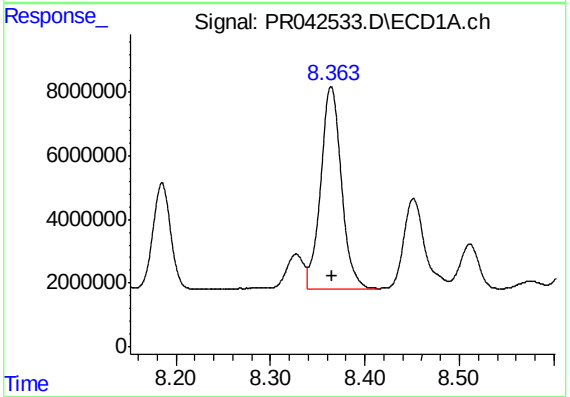
R.T.: 8.125 min
Delta R.T.: -0.003 min
Response: 85329563
Conc: 457.32 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



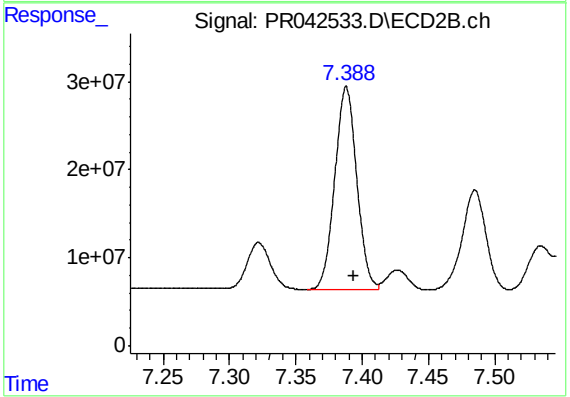
#33 AR-1260-3

R.T.: 6.915 min
Delta R.T.: -0.004 min
Response: 337940980
Conc: 496.92 ng/ml



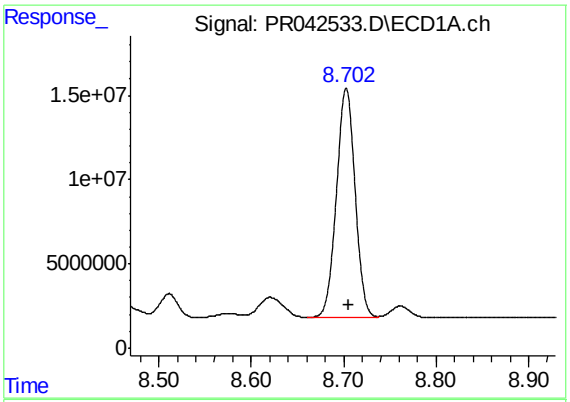
#34 AR-1260-4

R.T.: 8.364 min
Delta R.T.: -0.002 min
Response: 96523662
Conc: 458.20 ng/ml



#34 AR-1260-4

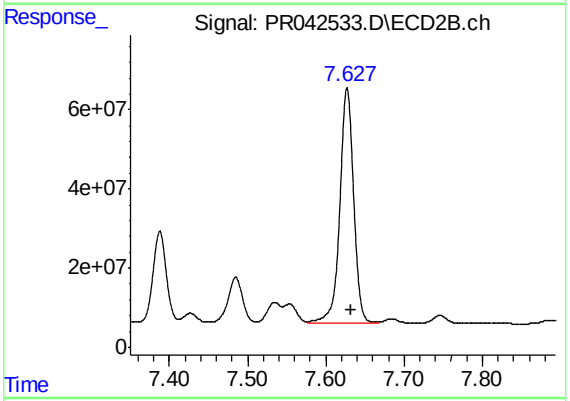
R.T.: 7.388 min
Delta R.T.: -0.005 min
Response: 265855935
Conc: 485.21 ng/ml



#35 AR-1260-5

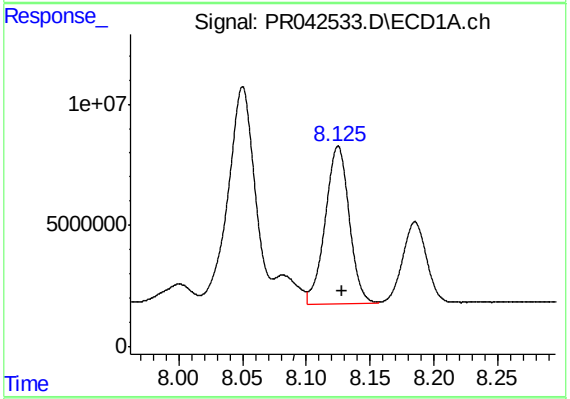
R.T.: 8.703 min
Delta R.T.: -0.002 min
Response: 191893736
Conc: 456.74 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



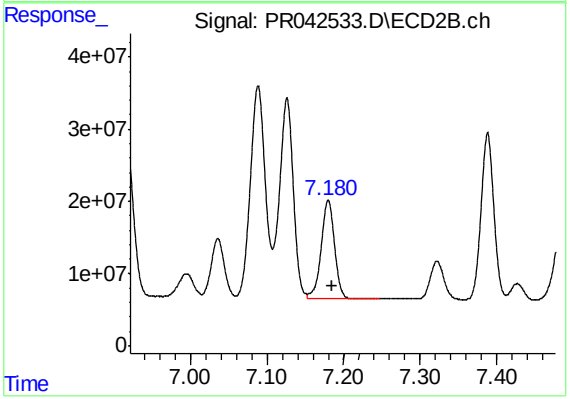
#35 AR-1260-5

R.T.: 7.627 min
Delta R.T.: -0.005 min
Response: 725656754
Conc: 492.47 ng/ml



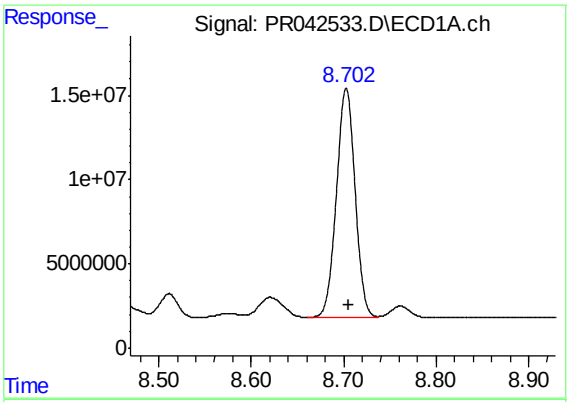
#36 AR-1262-1

R.T.: 8.125 min
Delta R.T.: -0.003 min
Response: 85329563
Conc: 291.21 ng/ml



#36 AR-1262-1

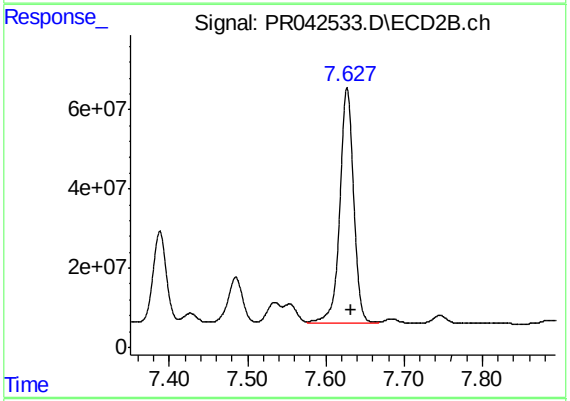
R.T.: 7.180 min
Delta R.T.: -0.005 min
Response: 164337267
Conc: 403.00 ng/ml



#37 AR-1262-2

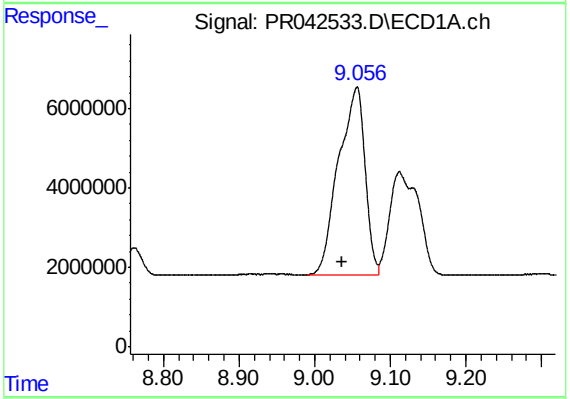
R.T.: 8.703 min
Delta R.T.: -0.003 min
Response: 191893736
Conc: 352.84 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



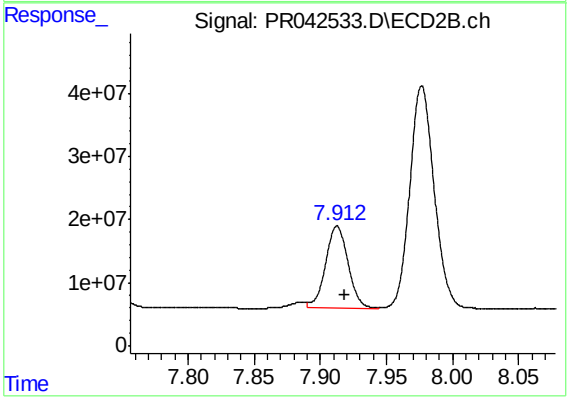
#37 AR-1262-2

R.T.: 7.627 min
Delta R.T.: -0.005 min
Response: 725656754
Conc: 391.94 ng/ml



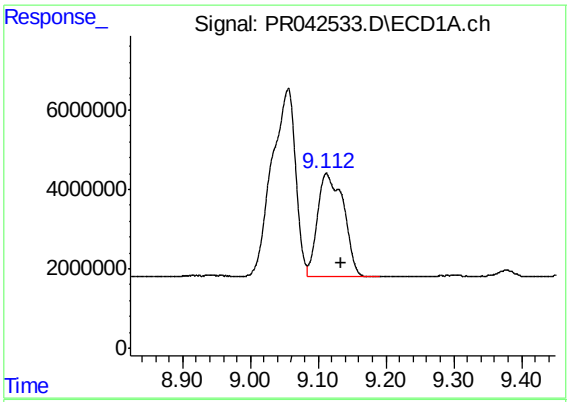
#38 AR-1262-3

R.T.: 9.056 min
Delta R.T.: 0.020 min
Response: 114804758
Conc: 335.18 ng/ml



#38 AR-1262-3

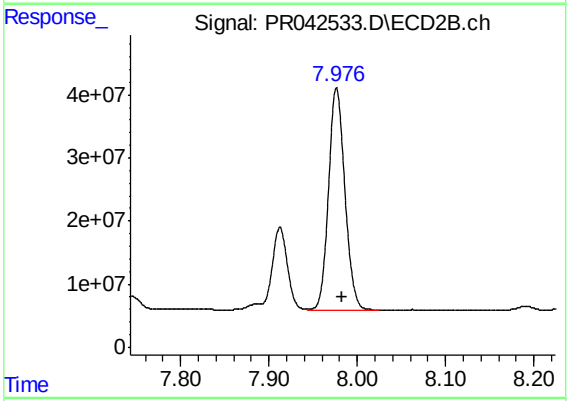
R.T.: 7.913 min
Delta R.T.: -0.005 min
Response: 153578003
Conc: 221.14 ng/ml



#39 AR-1262-4

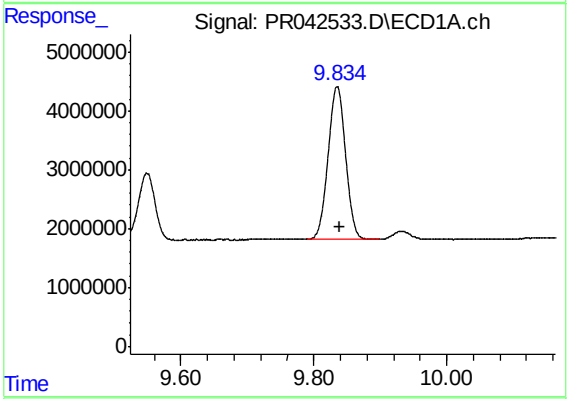
R.T.: 9.112 min
Delta R.T.: -0.022 min
Response: 69183162
Conc: 526.76 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



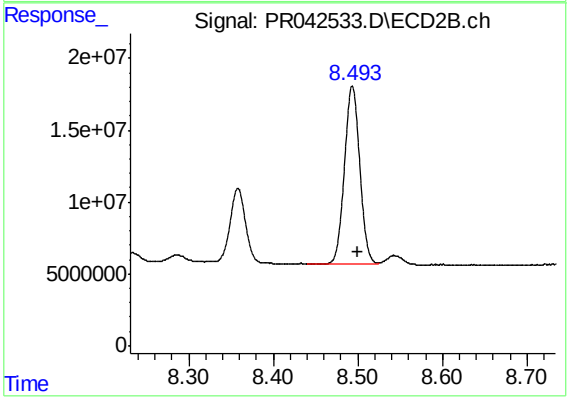
#39 AR-1262-4

R.T.: 7.977 min
Delta R.T.: -0.007 min
Response: 451163122
Conc: 369.69 ng/ml



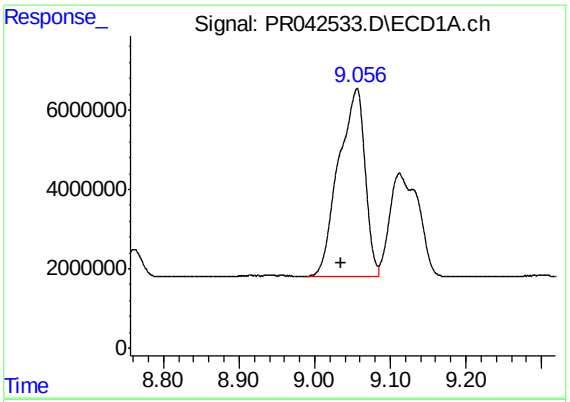
#40 AR-1262-5

R.T.: 9.835 min
Delta R.T.: -0.004 min
Response: 47406152
Conc: 290.56 ng/ml



#40 AR-1262-5

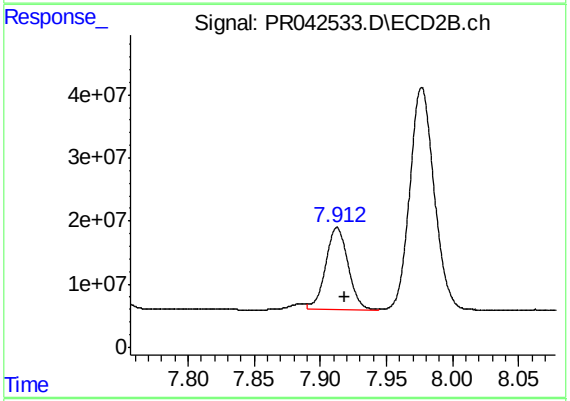
R.T.: 8.494 min
Delta R.T.: -0.006 min
Response: 156419551
Conc: 296.44 ng/ml



#41 AR-1268-1

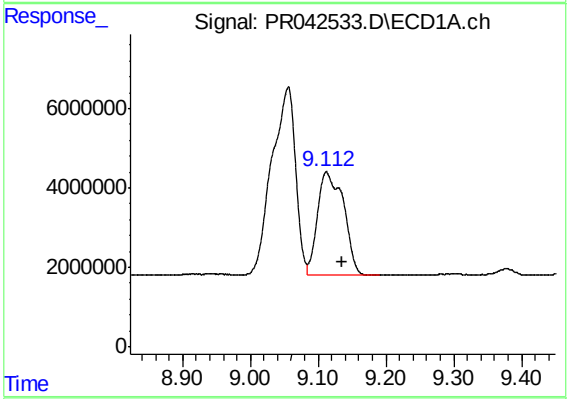
R.T.: 9.056 min
Delta R.T.: 0.021 min
Response: 114804758
Conc: 209.48 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



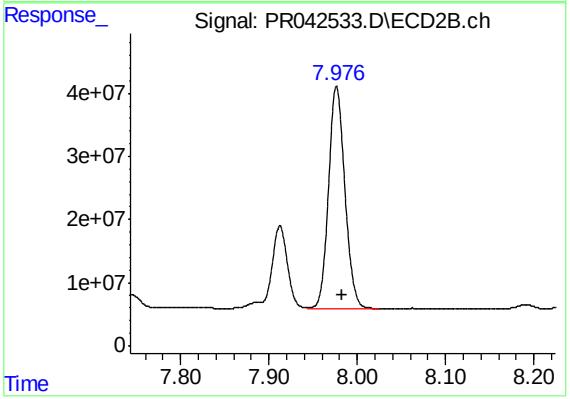
#41 AR-1268-1

R.T.: 7.913 min
Delta R.T.: -0.005 min
Response: 153578003
Conc: 81.79 ng/ml



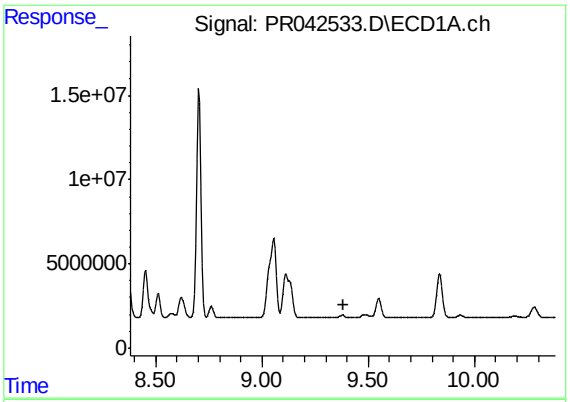
#42 AR-1268-2

R.T.: 9.112 min
Delta R.T.: -0.024 min
Response: 69183162
Conc: 142.89 ng/ml



#42 AR-1268-2

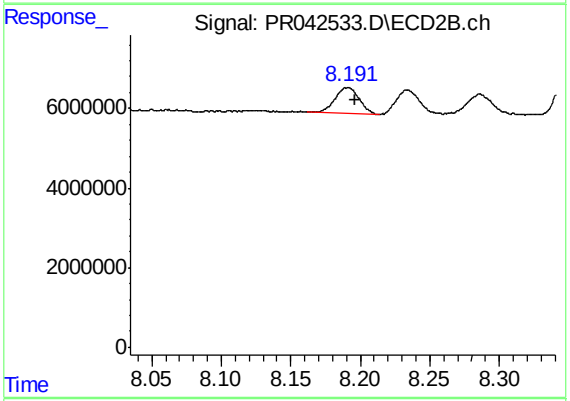
R.T.: 7.977 min
Delta R.T.: -0.006 min
Response: 451163122
Conc: 270.33 ng/ml



#43 AR-1268-3

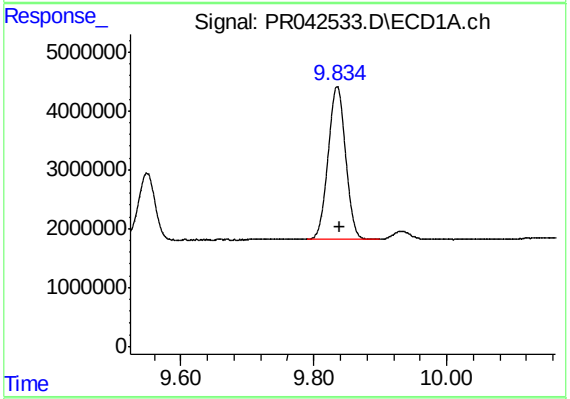
R.T.: 0.000 min
Exp R.T. : 9.381 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



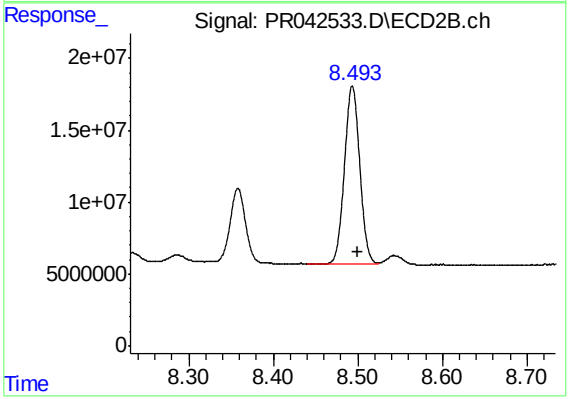
#43 AR-1268-3

R.T.: 8.191 min
Delta R.T.: -0.005 min
Response: 7798296
Conc: 5.55 ng/ml



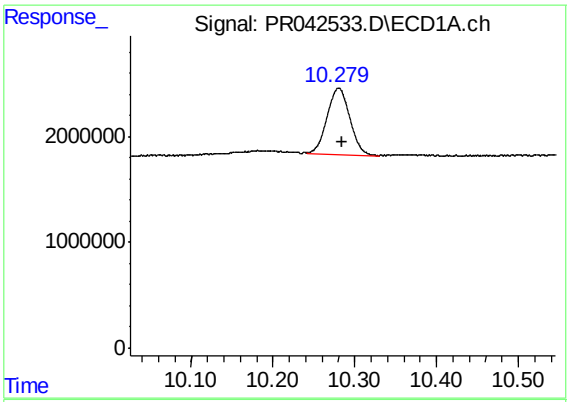
#44 AR-1268-4

R.T.: 9.835 min
Delta R.T.: -0.004 min
Response: 47406152
Conc: 284.98 ng/ml



#44 AR-1268-4

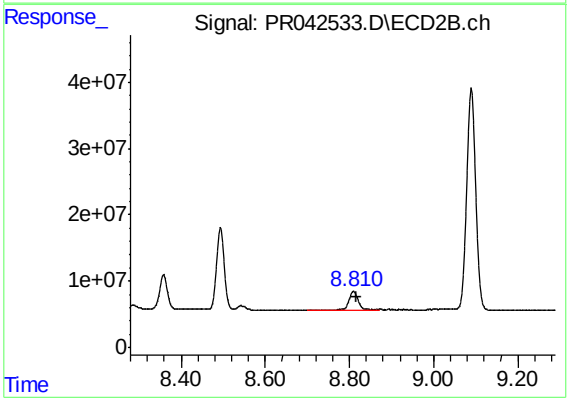
R.T.: 8.494 min
Delta R.T.: -0.006 min
Response: 156419551
Conc: 288.99 ng/ml



#45 AR-1268-5

R.T.: 10.280 min
Delta R.T.: -0.004 min
Response: 11949351
Conc: 9.78 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



#45 AR-1268-5

R.T.: 8.810 min
Delta R.T.: -0.007 min
Response: 39811887
Conc: 10.42 ng/ml