Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ021319\
Data File : PQ037247.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Feb 2019 23:56
Operator : SM\SJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : ECD_Q
ClientSampleId : AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 14 01:08:16 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ021319.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Feb 13 16:51:51 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...	4.278	3.676	391.9E6	209.6E6	67.193	69.177	
2)	SA Decachlor...	9.800	8.588	220.9E6	89794272	45.104	41.316	
	Target Compounds							
3)	L1 AR-1016-1	5.428	4.740	102.5E6	57906240	578.802	615.853	
4)	L1 AR-1016-2	5.449	4.757	154.3E6	85926991	567.129	611.022	
5)	L1 AR-1016-3	5.510	4.932	89015579	42352954	557.979	602.574	
6)	L1 AR-1016-4	5.610	4.971	73913542	32791956	548.012	592.485	
7)	L1 AR-1016-5	5.896	5.182	68229711	40769661	526.555	564.514	
8)	L2 AR-1221-1	4.485	3.882	9021814	6648968	90.910	128.648	#
9)	L2 AR-1221-2	4.576	3.970	14757399	8260622	213.447	228.179	
10)	L2 AR-1221-3	4.650	4.043	57031351	30364193	234.343	238.506	
11)	L3 AR-1232-1	4.650	4.043	57031351	30364193	588.098	591.967	
12)	L3 AR-1232-2	5.165	4.757	75590252	85926991	1519.163	1566.742	
13)	L3 AR-1232-3	5.449	4.932	154.3E6	42352954	1461.519	1582.436	
14)	L3 AR-1232-4	5.610	5.011	73913542	38931753	1494.966	1686.698	
15)	L3 AR-1232-5	5.692	5.182	62118908	40769661	1723.380	1634.670	
16)	L4 AR-1242-1	5.428	4.740	102.5E6	57906240	879.534	930.757	
17)	L4 AR-1242-2	5.449	4.757	154.3E6	85926991	841.076	893.429	
18)	L4 AR-1242-3	5.510	4.932	89015579	42352954	825.307	890.660	
19)	L4 AR-1242-4	5.610	5.011	73913542	38931753	836.566	862.865	
20)	L4 AR-1242-5	6.332	5.526	18840267	45215518	189.187	796.449	#
21)	L5 AR-1248-1	5.428	4.740	102.5E6	57906240	915.002	973.119	
22)	L5 AR-1248-2	5.692	4.971	62118908	32791956	394.241	409.081	
23)	L5 AR-1248-3	5.896	5.011	68229711	38931753	387.057	480.308	
24)	L5 AR-1248-4	6.295	5.182	23002215	40769661	112.927	416.215	#
25)	L5 AR-1248-5	6.332	5.568	18840267	10699954	97.372	110.946	
26)	L6 AR-1254-1	6.264	5.526	67417993	45215518	117.023	106.898	
27)	L6 AR-1254-2	6.477	5.671	59606954	35180144	65.771	98.424	#
28)	L6 AR-1254-3	6.847	6.078	30256194	49581988	30.843	84.072	#
29)	L6 AR-1254-4	7.128	6.296	20912870	6732258	28.286	16.047	#
30)	L6 AR-1254-5	7.543	6.706	160.0E6	86958575	210.689	182.401	
31)	L7 AR-1260-1	7.002	6.195	110.7E6	66901185	422.853	475.158	
32)	L7 AR-1260-2	7.256	6.382	136.9E6	78514185	411.567	451.860	
33)	L7 AR-1260-3	7.608	6.532	84939182	71588038	395.869	447.878	
34)	L7 AR-1260-4	7.838	6.996	93708659	44922556	391.052	428.732	
35)	L7 AR-1260-5	8.146	7.239	196.0E6	105.6E6	394.749	411.095	
36)	L8 AR-1262-1	7.608	6.737	84939182	51871970	197.002	245.740	
37)	L8 AR-1262-2	8.146	7.239	196.0E6	105.6E6	264.367	290.837	
38)	L8 AR-1262-3	8.432	7.513	38461947	20618629	123.334	147.024	
39)	L8 AR-1262-4	8.510	7.580	69058796	74495694	189.288	293.173	#
40)	L8 AR-1262-5	9.137	8.073	46774673	19918457	206.470	191.581	
41)	L9 AR-1268-1	8.432	7.513	38461947	20618629	50.270	57.461	

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ021319\
Data File : PQ037247.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Feb 2019 23:56
Operator : SM\SJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : ECD_Q
ClientSampleId : AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 14 01:08:16 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ021319.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Feb 13 16:51:51 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
42) L9	AR-1268-2	8.510	7.580	69058796	74495694	98.403	229.656 #
43) L9	AR-1268-3	8.725	7.775	2698989	1457165	4.395	5.504 #
44) L9	AR-1268-4	9.137	8.073	46774673	19918457	205.552	187.444
45) L9	AR-1268-5	9.508	8.352	12815039	5435421	7.092	6.567

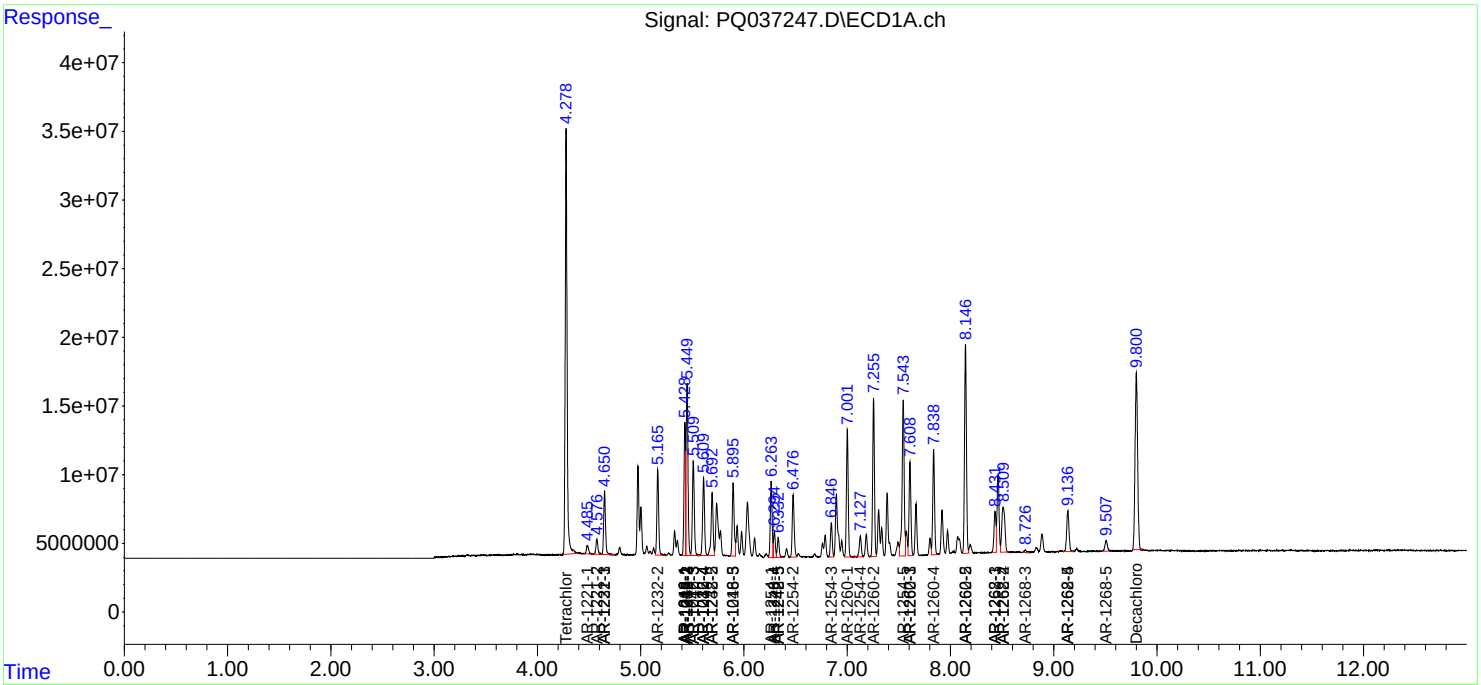
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

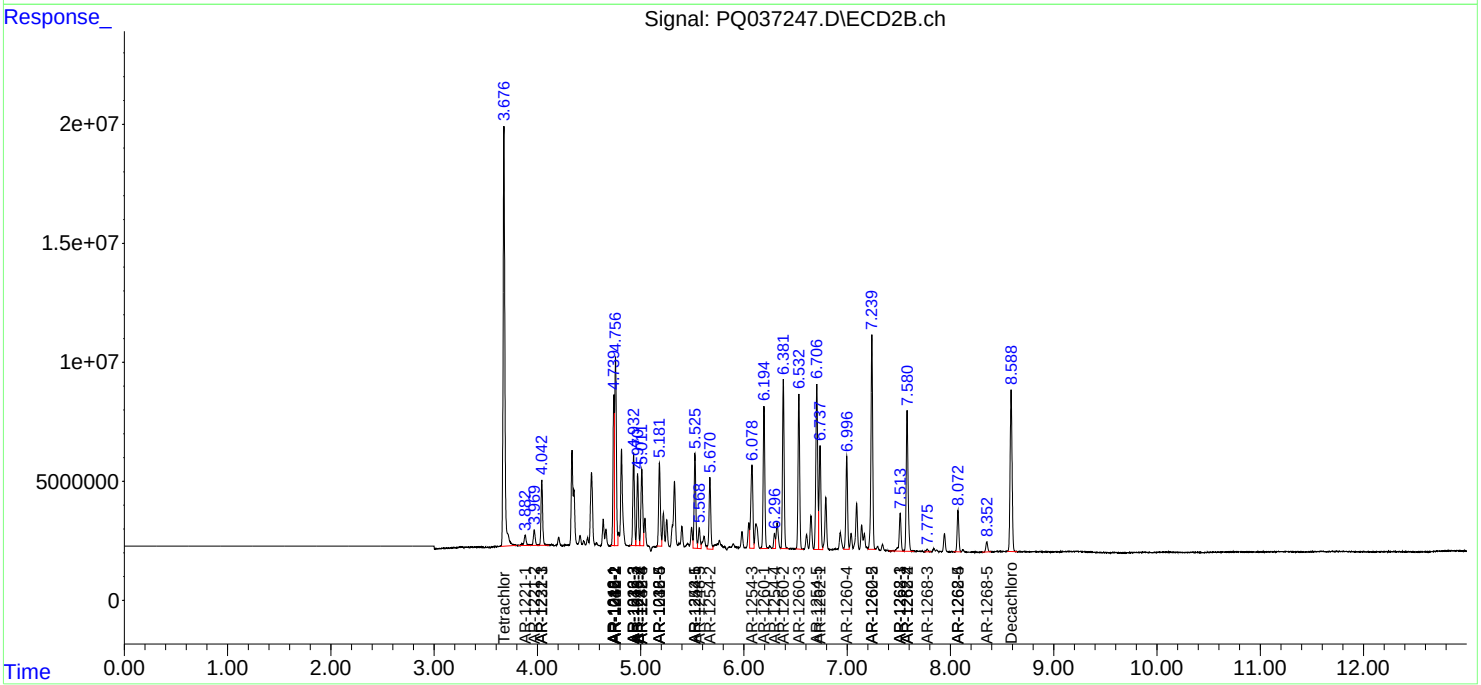
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ021319\
Data File : PQ037247.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Feb 2019 23:56
Operator : SM\SJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

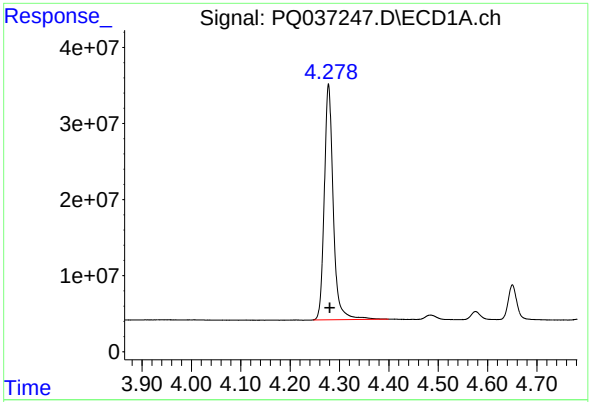
Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 14 01:08:16 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ021319.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Feb 13 16:51:51 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



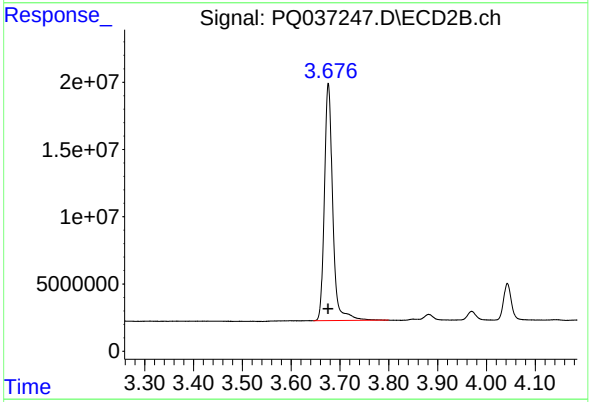




#1 Tetrachloro-m-xylene

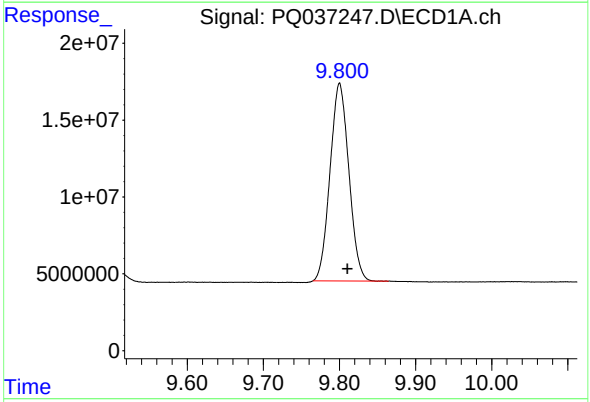
R.T.: 4.278 min
Delta R.T.: -0.002 min
Response: 391873037
Conc: 67.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



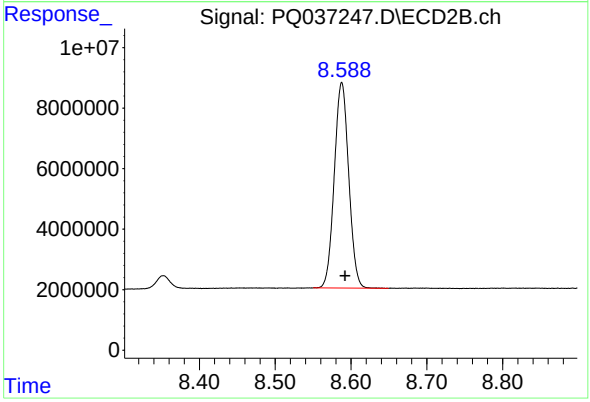
#1 Tetrachloro-m-xylene

R.T.: 3.676 min
Delta R.T.: 0.000 min
Response: 209612832
Conc: 69.18 ng/ml



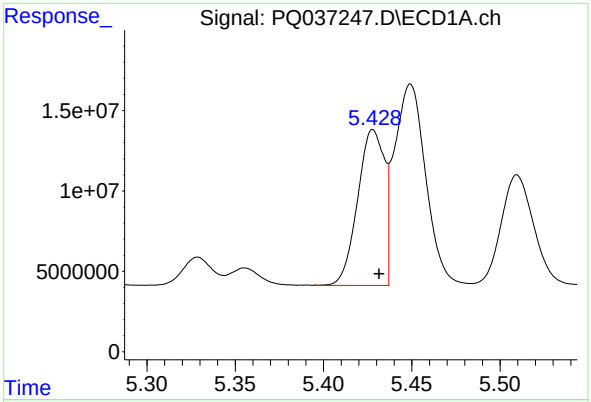
#2 Decachlorobiphenyl

R.T.: 9.800 min
Delta R.T.: -0.010 min
Response: 220918440
Conc: 45.10 ng/ml



#2 Decachlorobiphenyl

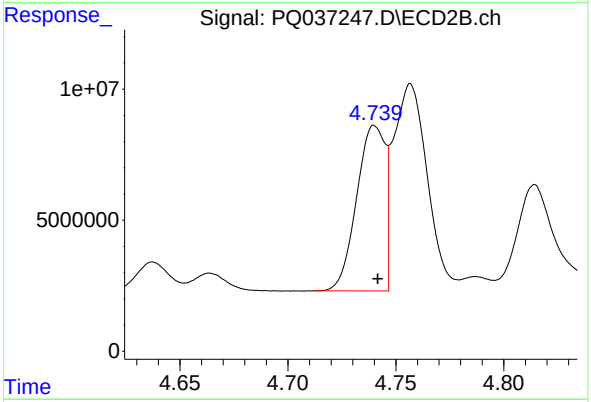
R.T.: 8.588 min
Delta R.T.: -0.004 min
Response: 89794272
Conc: 41.32 ng/ml



#3 AR-1016-1

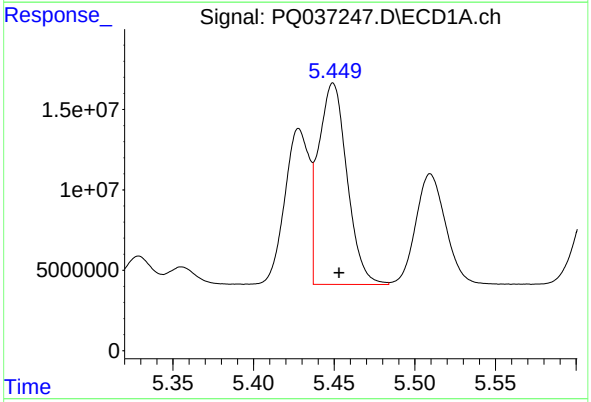
R.T.: 5.428 min
Delta R.T.: -0.004 min
Response: 102464645
Conc: 578.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



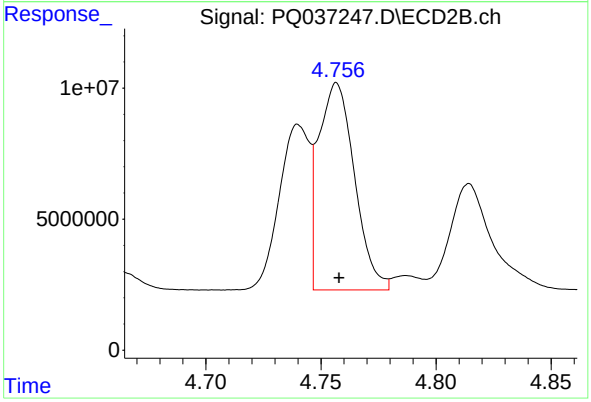
#3 AR-1016-1

R.T.: 4.740 min
Delta R.T.: -0.001 min
Response: 57906240
Conc: 615.85 ng/ml



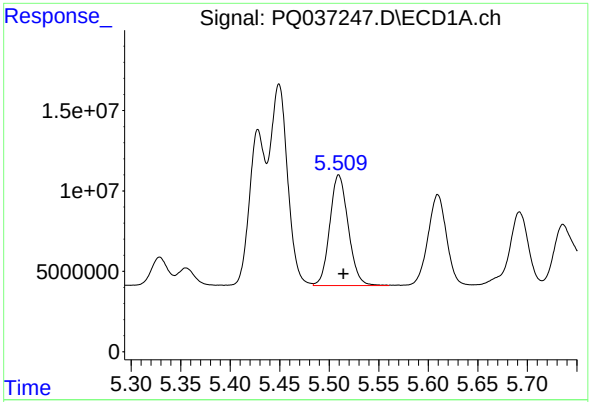
#4 AR-1016-2

R.T.: 5.449 min
Delta R.T.: -0.004 min
Response: 154254220
Conc: 567.13 ng/ml



#4 AR-1016-2

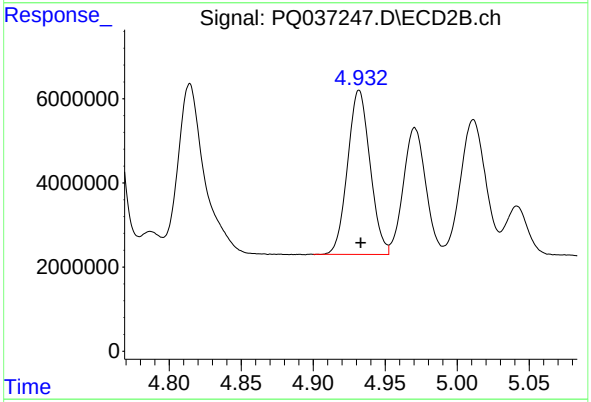
R.T.: 4.757 min
Delta R.T.: -0.001 min
Response: 85926991
Conc: 611.02 ng/ml



#5 AR-1016-3

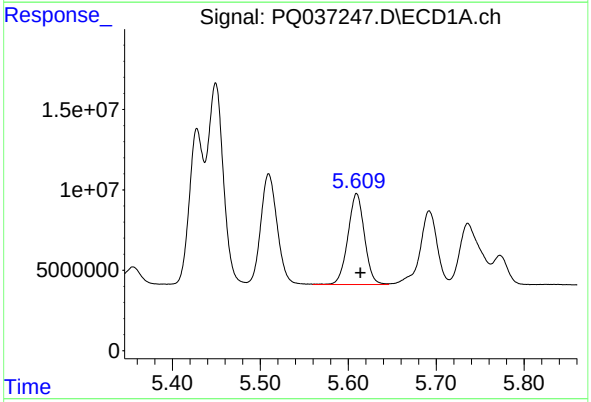
R.T.: 5.510 min
Delta R.T.: -0.005 min
Response: 89015579
Conc: 557.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



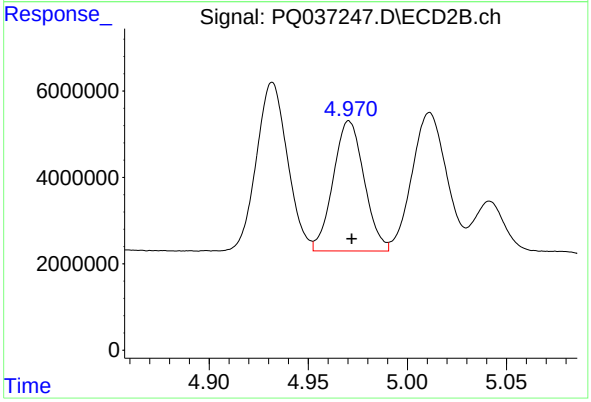
#5 AR-1016-3

R.T.: 4.932 min
Delta R.T.: -0.001 min
Response: 42352954
Conc: 602.57 ng/ml



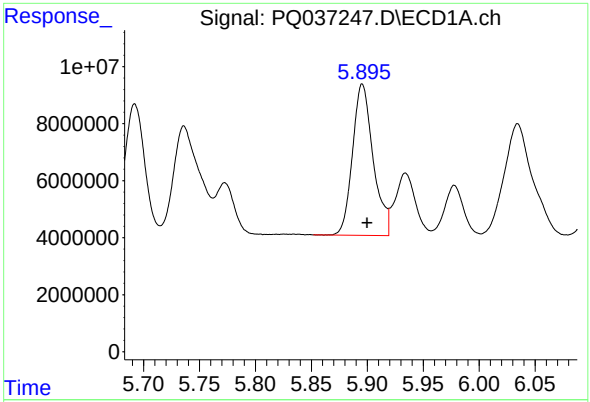
#6 AR-1016-4

R.T.: 5.610 min
Delta R.T.: -0.004 min
Response: 73913542
Conc: 548.01 ng/ml



#6 AR-1016-4

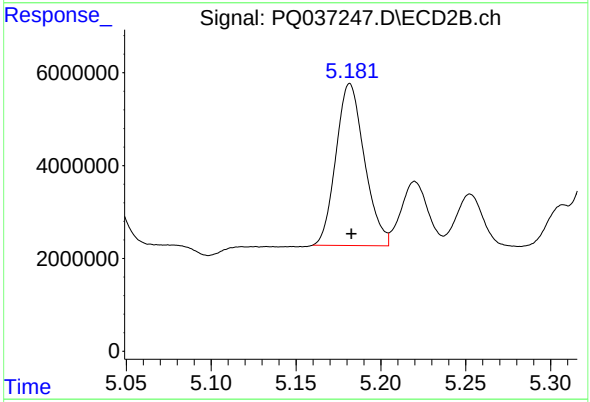
R.T.: 4.971 min
Delta R.T.: -0.001 min
Response: 32791956
Conc: 592.48 ng/ml



#7 AR-1016-5

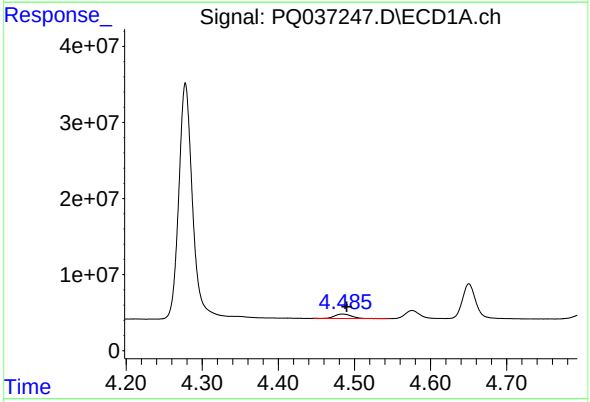
R.T.: 5.896 min
Delta R.T.: -0.004 min
Response: 68229711
Conc: 526.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



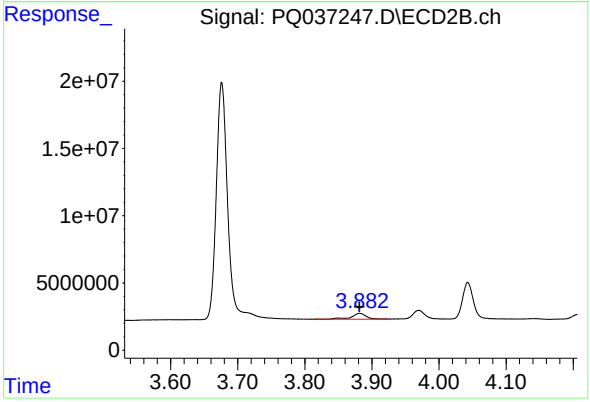
#7 AR-1016-5

R.T.: 5.182 min
Delta R.T.: 0.000 min
Response: 40769661
Conc: 564.51 ng/ml



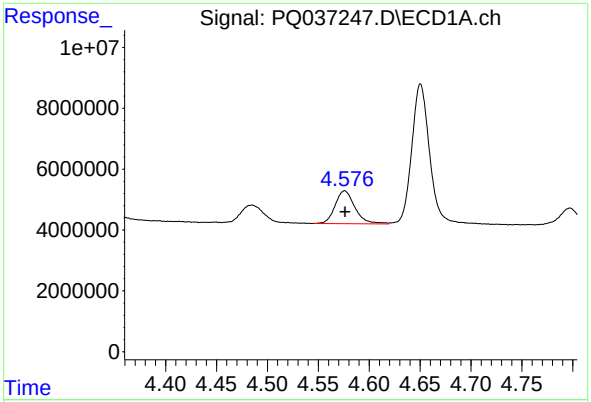
#8 AR-1221-1

R.T.: 4.485 min
Delta R.T.: -0.005 min
Response: 9021814
Conc: 90.91 ng/ml



#8 AR-1221-1

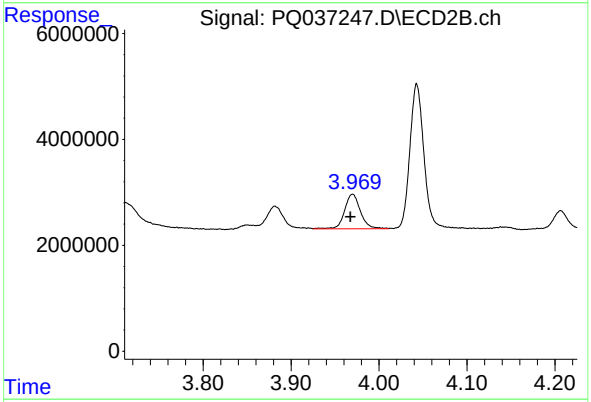
R.T.: 3.882 min
Delta R.T.: 0.000 min
Response: 6648968
Conc: 128.65 ng/ml



#9 AR-1221-2

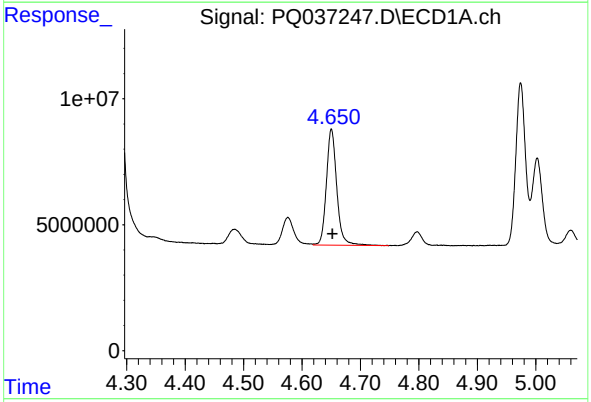
R.T.: 4.576 min
Delta R.T.: 0.000 min
Response: 14757399
Conc: 213.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



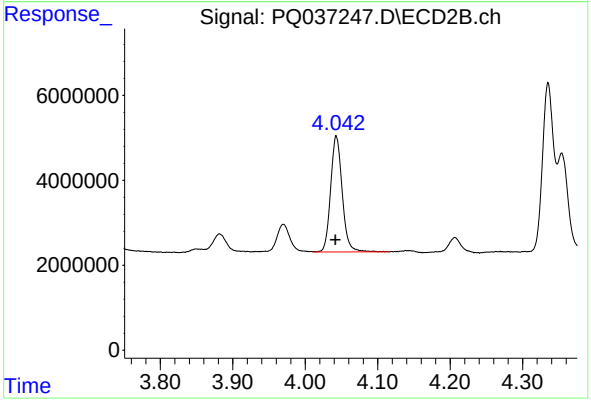
#9 AR-1221-2

R.T.: 3.970 min
Delta R.T.: 0.002 min
Response: 8260622
Conc: 228.18 ng/ml



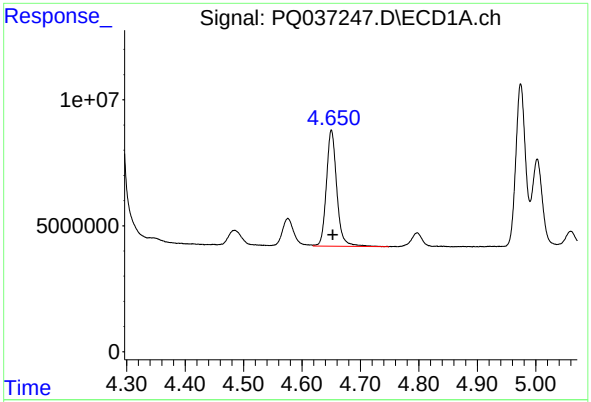
#10 AR-1221-3

R.T.: 4.650 min
Delta R.T.: -0.002 min
Response: 57031351
Conc: 234.34 ng/ml



#10 AR-1221-3

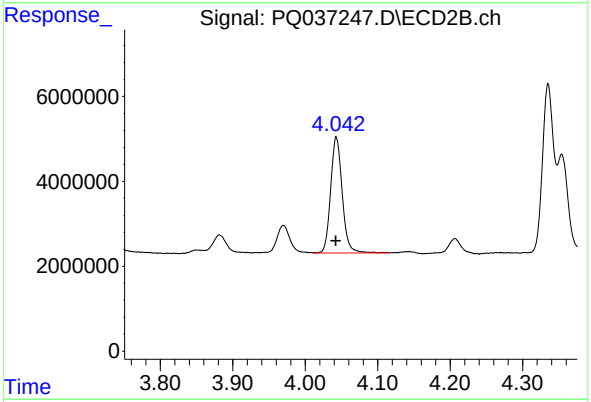
R.T.: 4.043 min
Delta R.T.: 0.001 min
Response: 30364193
Conc: 238.51 ng/ml



#11 AR-1232-1

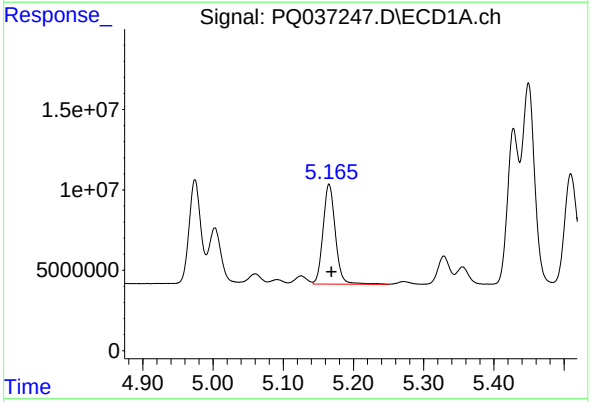
R.T.: 4.650 min
Delta R.T.: -0.002 min
Response: 57031351
Conc: 588.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



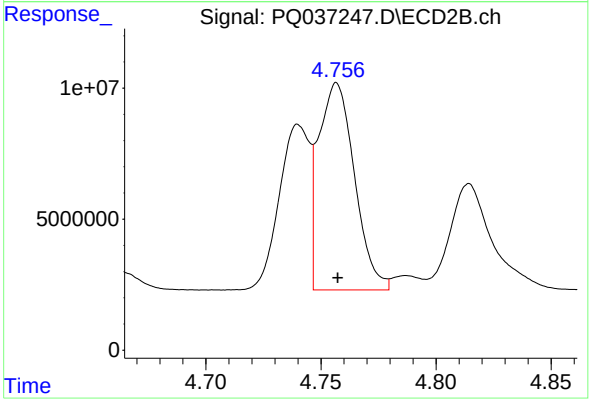
#11 AR-1232-1

R.T.: 4.043 min
Delta R.T.: 0.000 min
Response: 30364193
Conc: 591.97 ng/ml



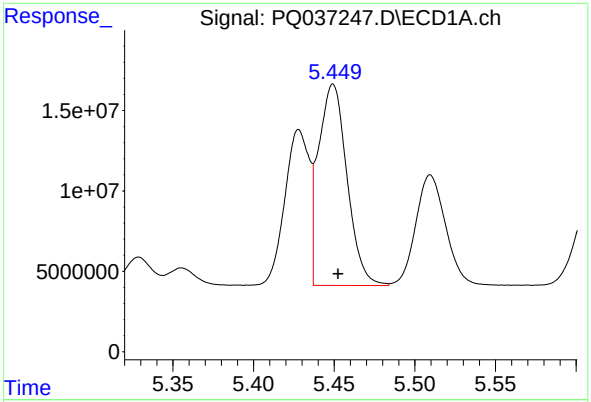
#12 AR-1232-2

R.T.: 5.165 min
Delta R.T.: -0.003 min
Response: 75590252
Conc: 1519.16 ng/ml



#12 AR-1232-2

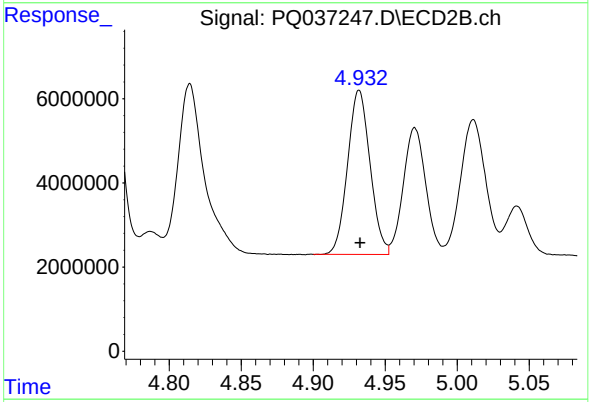
R.T.: 4.757 min
Delta R.T.: 0.000 min
Response: 85926991
Conc: 1566.74 ng/ml



#13 AR-1232-3

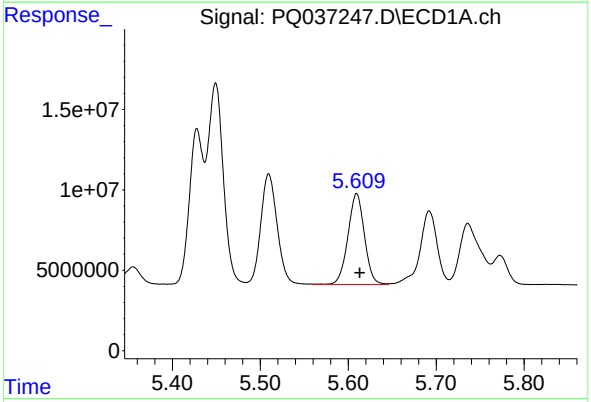
R.T.: 5.449 min
Delta R.T.: -0.003 min
Response: 154254220
Conc: 1461.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



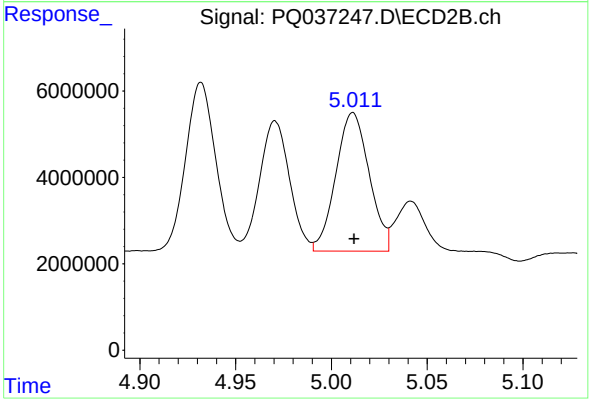
#13 AR-1232-3

R.T.: 4.932 min
Delta R.T.: 0.000 min
Response: 42352954
Conc: 1582.44 ng/ml



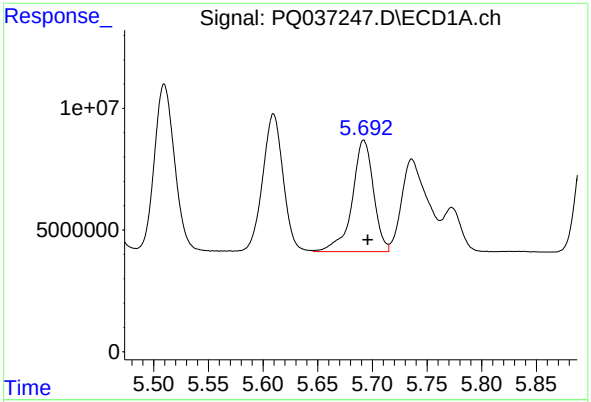
#14 AR-1232-4

R.T.: 5.610 min
Delta R.T.: -0.003 min
Response: 73913542
Conc: 1494.97 ng/ml



#14 AR-1232-4

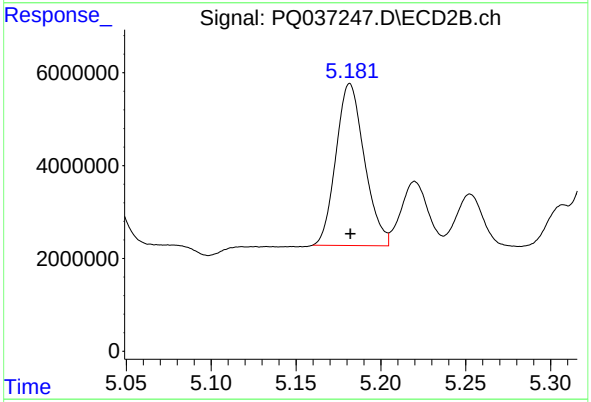
R.T.: 5.011 min
Delta R.T.: 0.000 min
Response: 38931753
Conc: 1686.70 ng/ml



#15 AR-1232-5

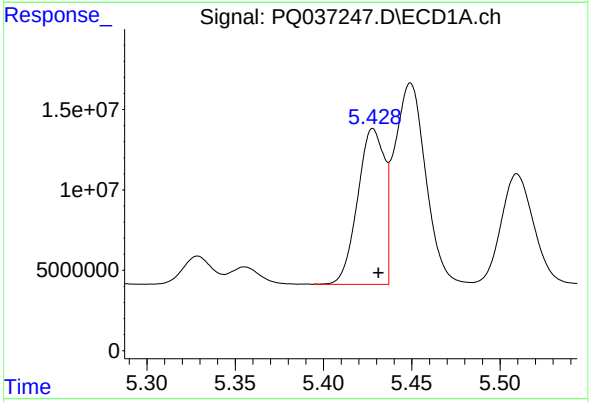
R.T.: 5.692 min
Delta R.T.: -0.004 min
Response: 62118908
Conc: 1723.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



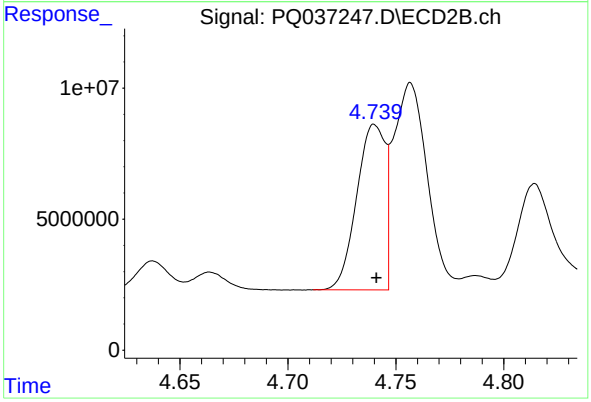
#15 AR-1232-5

R.T.: 5.182 min
Delta R.T.: 0.000 min
Response: 40769661
Conc: 1634.67 ng/ml



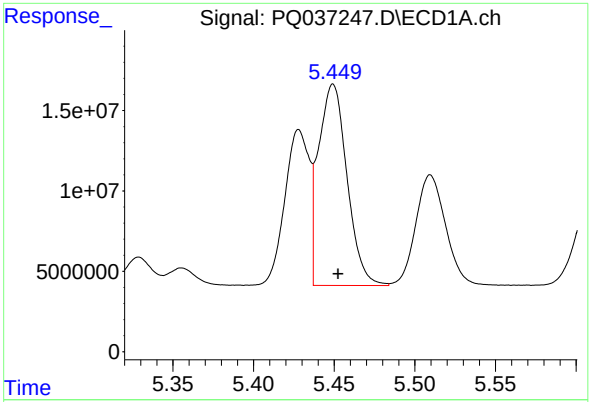
#16 AR-1242-1

R.T.: 5.428 min
Delta R.T.: -0.003 min
Response: 102464645
Conc: 879.53 ng/ml



#16 AR-1242-1

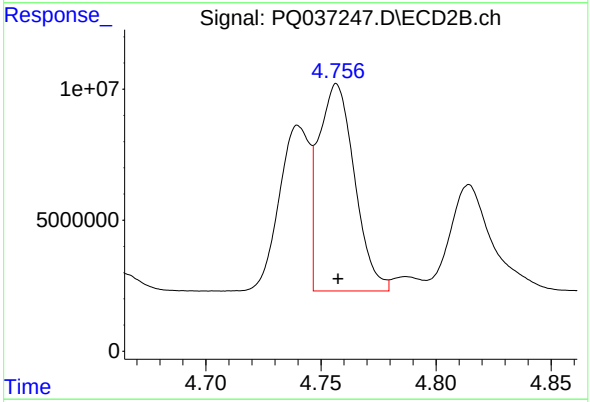
R.T.: 4.740 min
Delta R.T.: 0.000 min
Response: 57906240
Conc: 930.76 ng/ml



#17 AR-1242-2

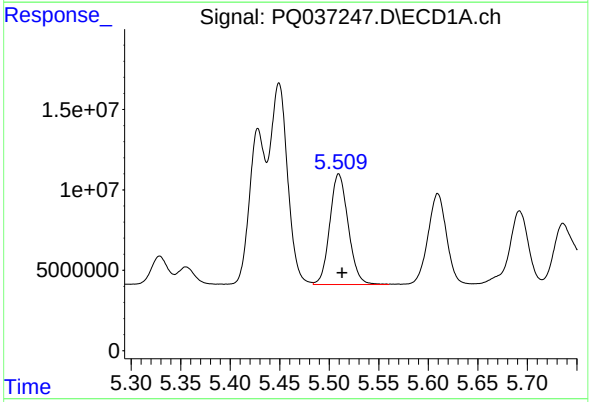
R.T.: 5.449 min
Delta R.T.: -0.003 min
Response: 154254220
Conc: 841.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



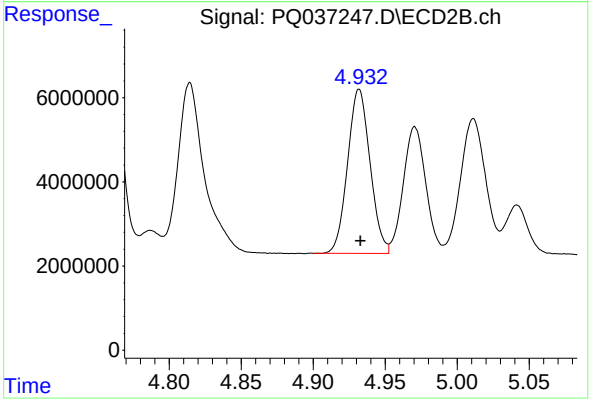
#17 AR-1242-2

R.T.: 4.757 min
Delta R.T.: 0.000 min
Response: 85926991
Conc: 893.43 ng/ml



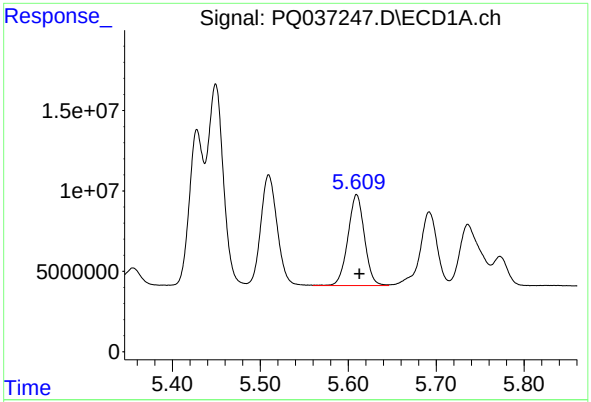
#18 AR-1242-3

R.T.: 5.510 min
Delta R.T.: -0.003 min
Response: 89015579
Conc: 825.31 ng/ml



#18 AR-1242-3

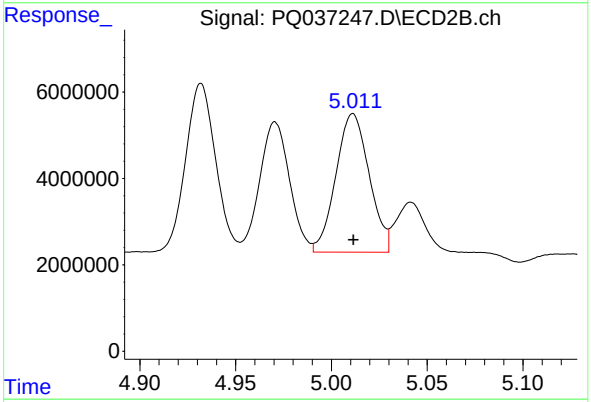
R.T.: 4.932 min
Delta R.T.: 0.000 min
Response: 42352954
Conc: 890.66 ng/ml



#19 AR-1242-4

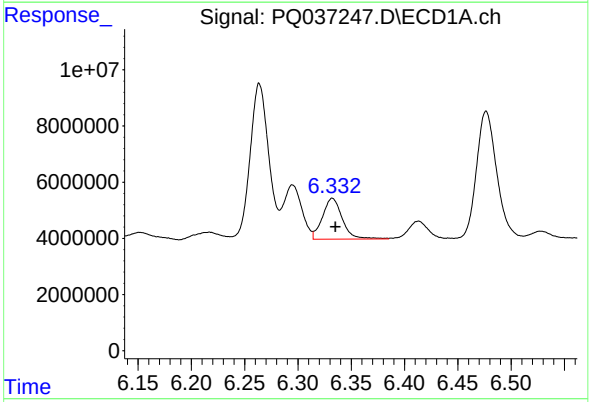
R.T.: 5.610 min
Delta R.T.: -0.003 min
Response: 73913542
Conc: 836.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



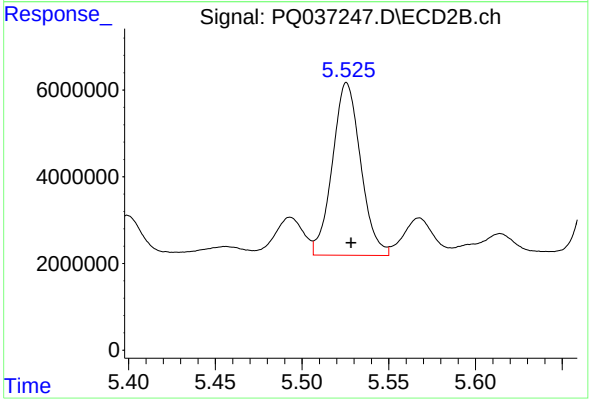
#19 AR-1242-4

R.T.: 5.011 min
Delta R.T.: 0.000 min
Response: 38931753
Conc: 862.87 ng/ml



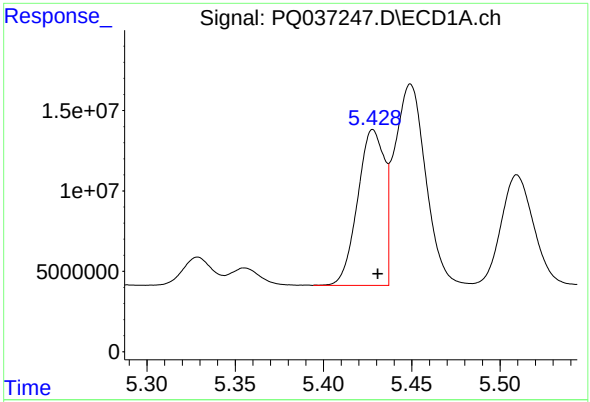
#20 AR-1242-5

R.T.: 6.332 min
Delta R.T.: -0.003 min
Response: 18840267
Conc: 189.19 ng/ml



#20 AR-1242-5

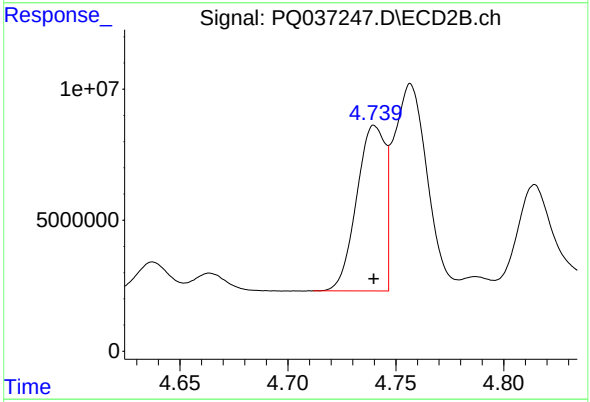
R.T.: 5.526 min
Delta R.T.: -0.002 min
Response: 45215518
Conc: 796.45 ng/ml



#21 AR-1248-1

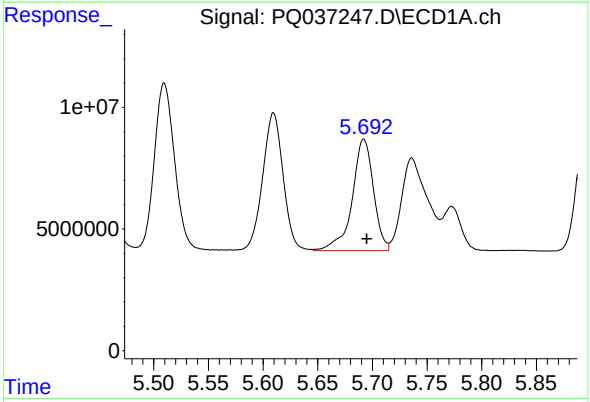
R.T.: 5.428 min
Delta R.T.: -0.003 min
Response: 102464645
Conc: 915.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



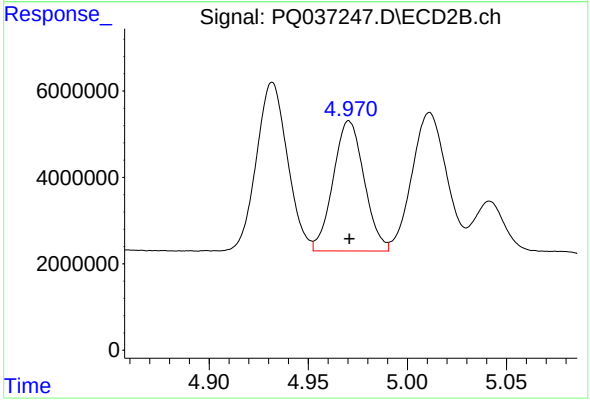
#21 AR-1248-1

R.T.: 4.740 min
Delta R.T.: 0.000 min
Response: 57906240
Conc: 973.12 ng/ml



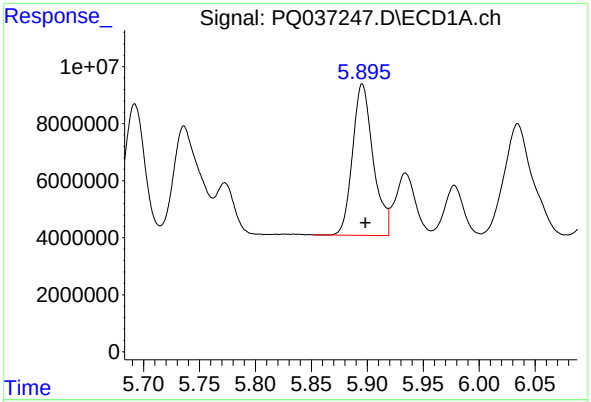
#22 AR-1248-2

R.T.: 5.692 min
Delta R.T.: -0.003 min
Response: 62118908
Conc: 394.24 ng/ml



#22 AR-1248-2

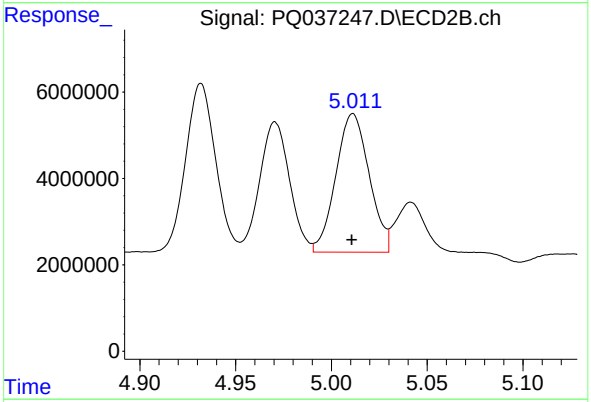
R.T.: 4.971 min
Delta R.T.: 0.000 min
Response: 32791956
Conc: 409.08 ng/ml



#23 AR-1248-3

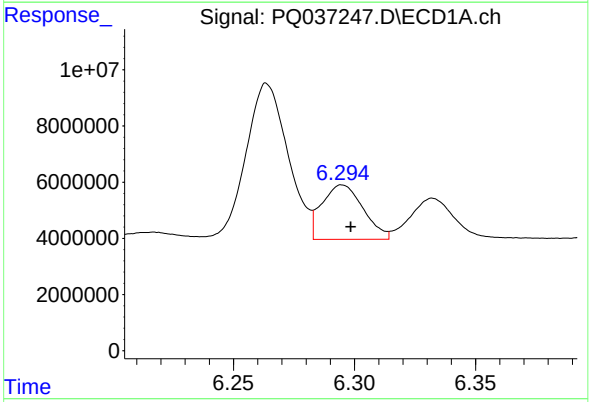
R.T.: 5.896 min
Delta R.T.: -0.003 min
Response: 68229711
Conc: 387.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



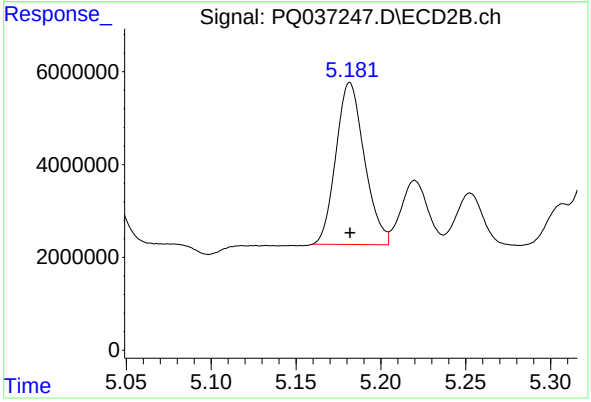
#23 AR-1248-3

R.T.: 5.011 min
Delta R.T.: 0.000 min
Response: 38931753
Conc: 480.31 ng/ml



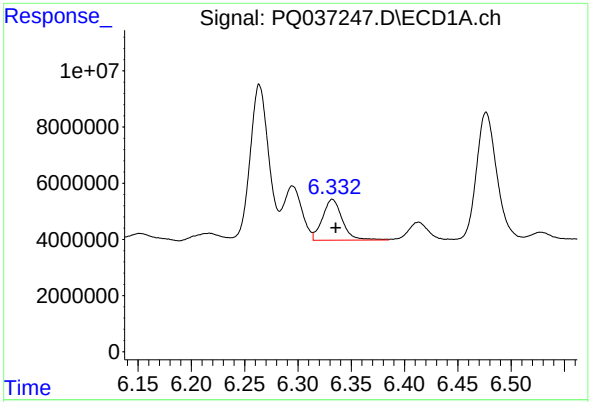
#24 AR-1248-4

R.T.: 6.295 min
Delta R.T.: -0.003 min
Response: 23002215
Conc: 112.93 ng/ml



#24 AR-1248-4

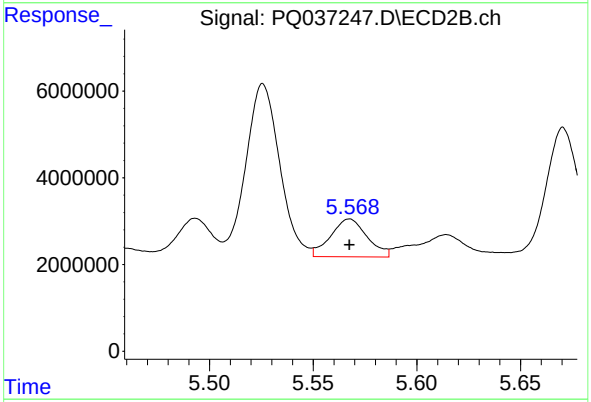
R.T.: 5.182 min
Delta R.T.: 0.000 min
Response: 40769661
Conc: 416.22 ng/ml



#25 AR-1248-5

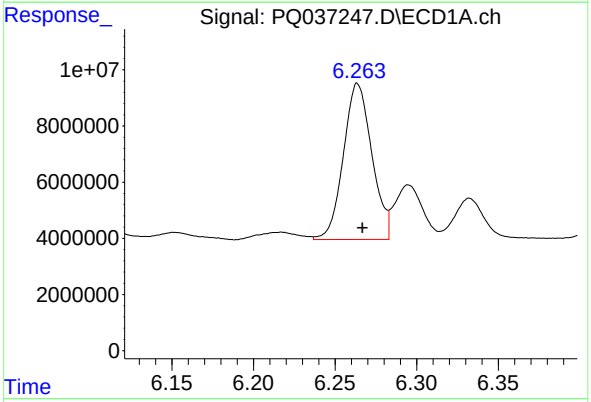
R.T.: 6.332 min
Delta R.T.: -0.003 min
Response: 18840267
Conc: 97.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



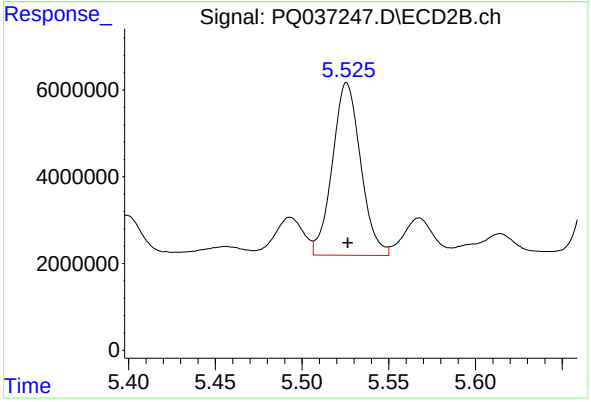
#25 AR-1248-5

R.T.: 5.568 min
Delta R.T.: 0.000 min
Response: 10699954
Conc: 110.95 ng/ml



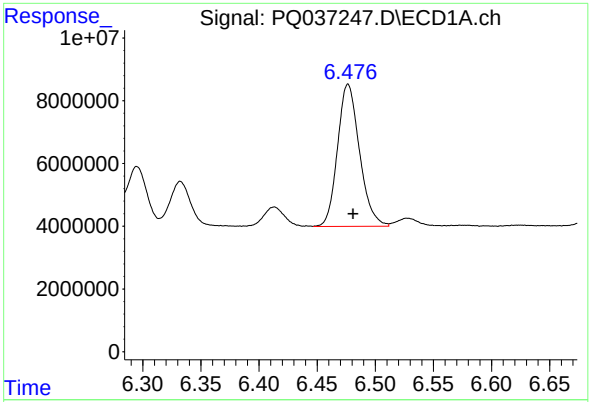
#26 AR-1254-1

R.T.: 6.264 min
Delta R.T.: -0.003 min
Response: 67417993
Conc: 117.02 ng/ml



#26 AR-1254-1

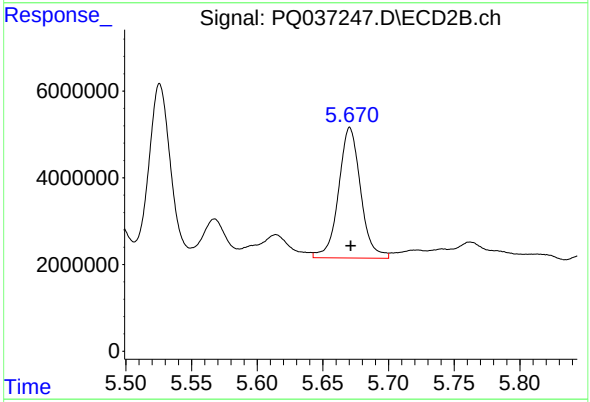
R.T.: 5.526 min
Delta R.T.: 0.000 min
Response: 45215518
Conc: 106.90 ng/ml



#27 AR-1254-2

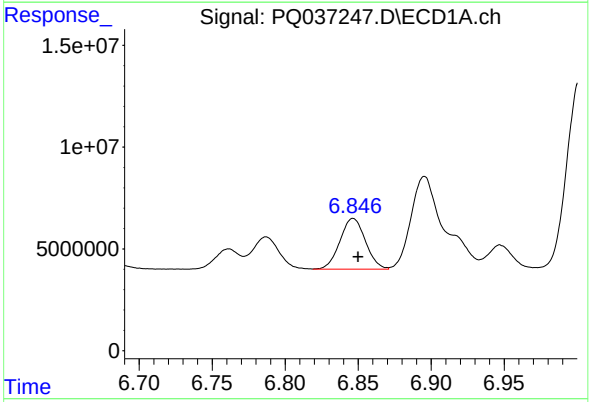
R.T.: 6.477 min
Delta R.T.: -0.004 min
Response: 59606954
Conc: 65.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



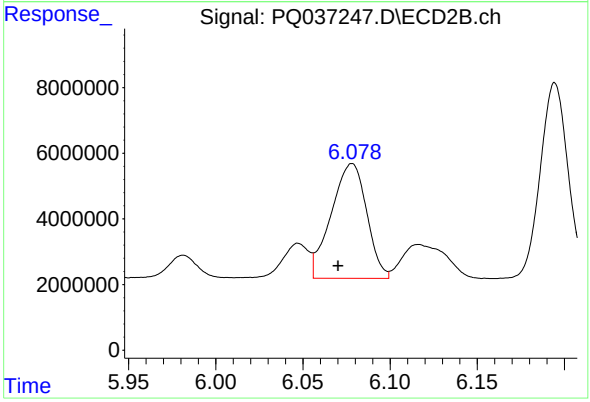
#27 AR-1254-2

R.T.: 5.671 min
Delta R.T.: 0.000 min
Response: 35180144
Conc: 98.42 ng/ml



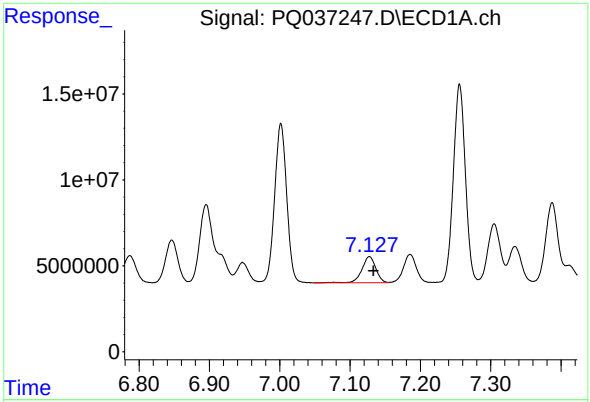
#28 AR-1254-3

R.T.: 6.847 min
Delta R.T.: -0.003 min
Response: 30256194
Conc: 30.84 ng/ml



#28 AR-1254-3

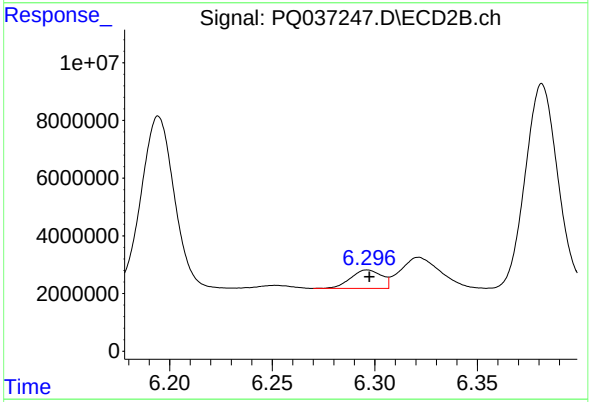
R.T.: 6.078 min
Delta R.T.: 0.008 min
Response: 49581988
Conc: 84.07 ng/ml



#29 AR-1254-4

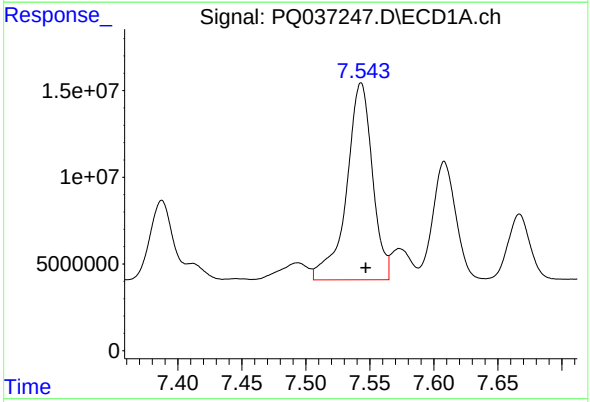
R.T.: 7.128 min
Delta R.T.: -0.005 min
Response: 20912870
Conc: 28.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



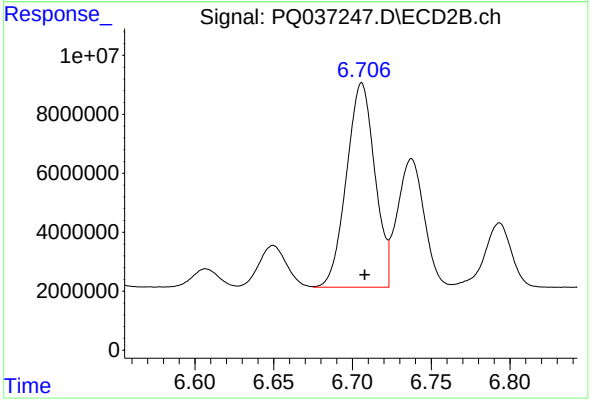
#29 AR-1254-4

R.T.: 6.296 min
Delta R.T.: 0.000 min
Response: 6732258
Conc: 16.05 ng/ml



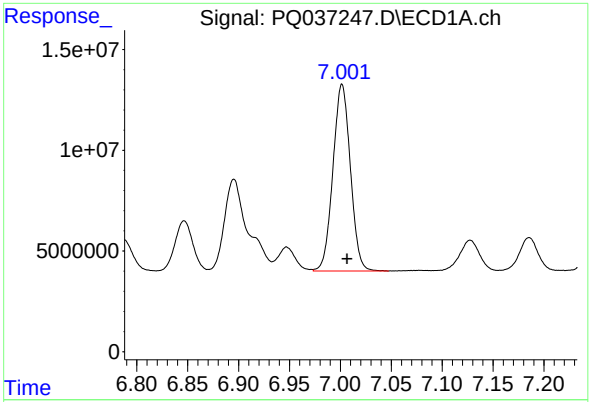
#30 AR-1254-5

R.T.: 7.543 min
Delta R.T.: -0.004 min
Response: 160016580
Conc: 210.69 ng/ml



#30 AR-1254-5

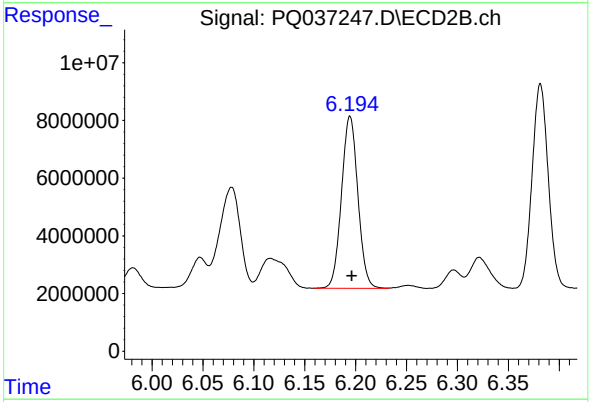
R.T.: 6.706 min
Delta R.T.: -0.002 min
Response: 86958575
Conc: 182.40 ng/ml



#31 AR-1260-1

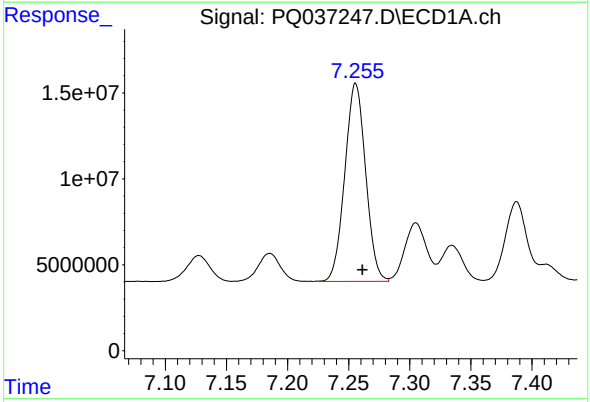
R.T.: 7.002 min
Delta R.T.: -0.005 min
Response: 110664592
Conc: 422.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



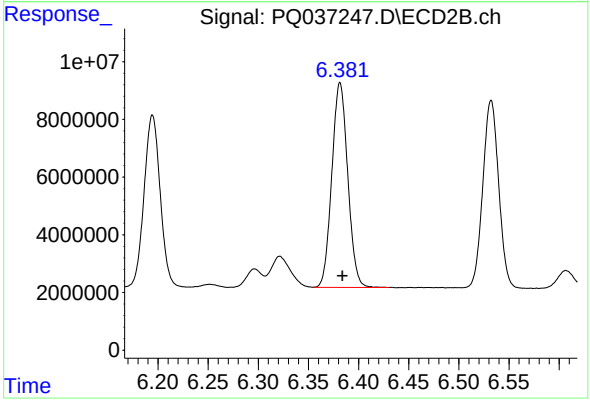
#31 AR-1260-1

R.T.: 6.195 min
Delta R.T.: -0.002 min
Response: 66901185
Conc: 475.16 ng/ml



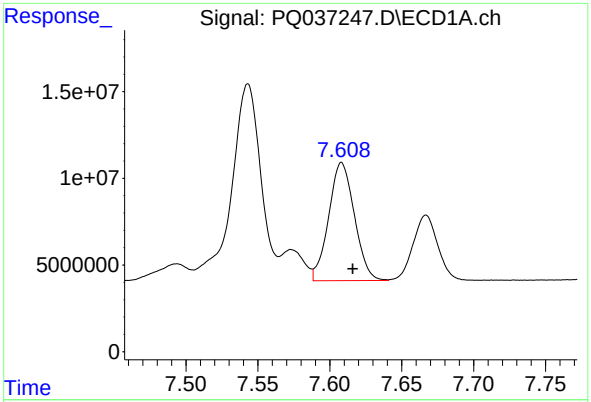
#32 AR-1260-2

R.T.: 7.256 min
Delta R.T.: -0.006 min
Response: 136892586
Conc: 411.57 ng/ml



#32 AR-1260-2

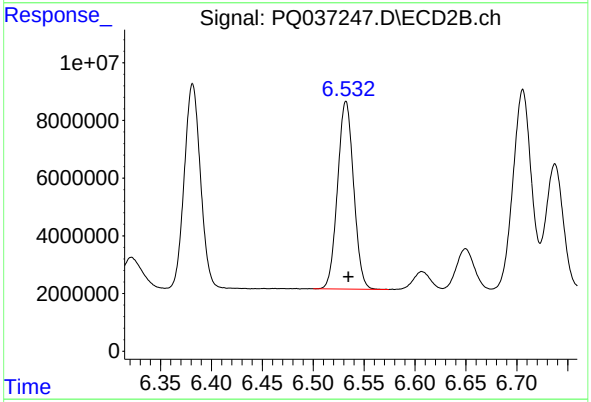
R.T.: 6.382 min
Delta R.T.: -0.002 min
Response: 78514185
Conc: 451.86 ng/ml



#33 AR-1260-3

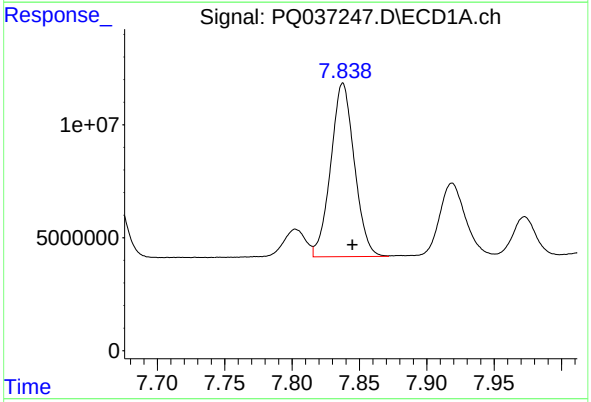
R.T.: 7.608 min
Delta R.T.: -0.008 min
Response: 84939182
Conc: 395.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



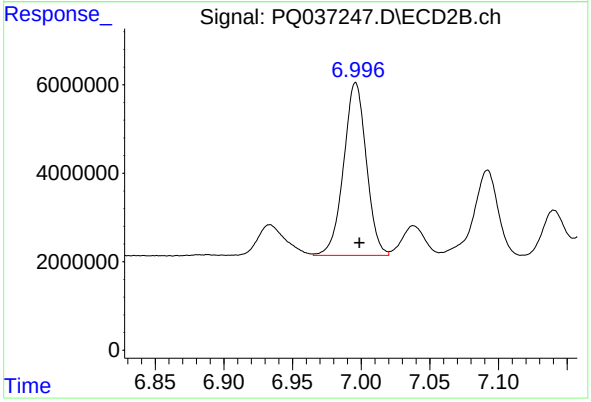
#33 AR-1260-3

R.T.: 6.532 min
Delta R.T.: -0.002 min
Response: 71588038
Conc: 447.88 ng/ml



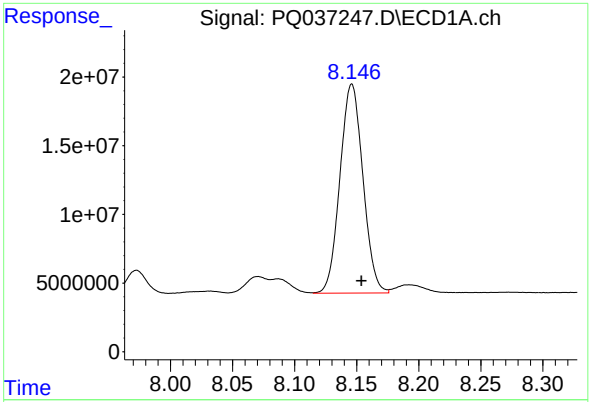
#34 AR-1260-4

R.T.: 7.838 min
Delta R.T.: -0.007 min
Response: 93708659
Conc: 391.05 ng/ml



#34 AR-1260-4

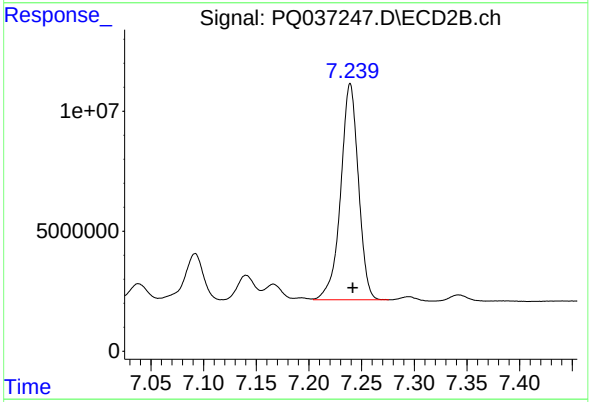
R.T.: 6.996 min
Delta R.T.: -0.003 min
Response: 44922556
Conc: 428.73 ng/ml



#35 AR-1260-5

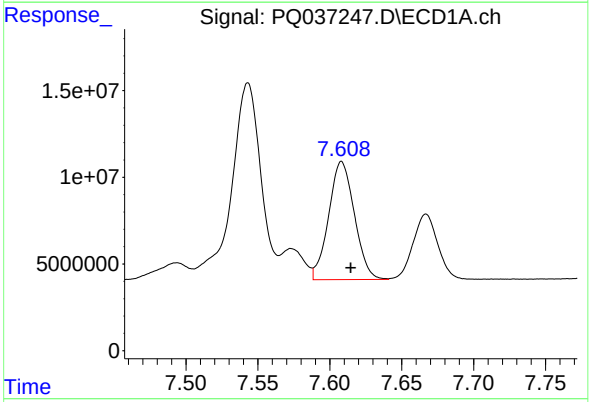
R.T.: 8.146 min
Delta R.T.: -0.008 min
Response: 195987686
Conc: 394.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



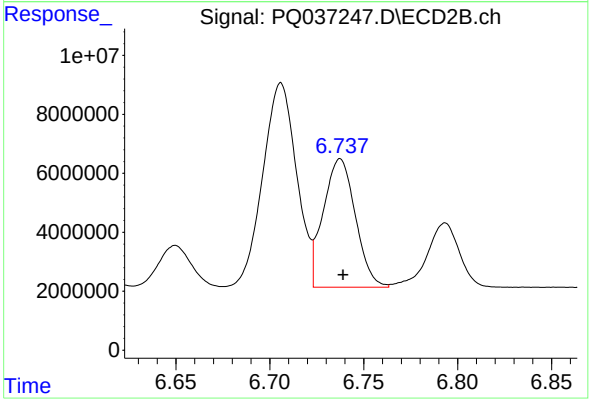
#35 AR-1260-5

R.T.: 7.239 min
Delta R.T.: -0.002 min
Response: 105615921
Conc: 411.10 ng/ml



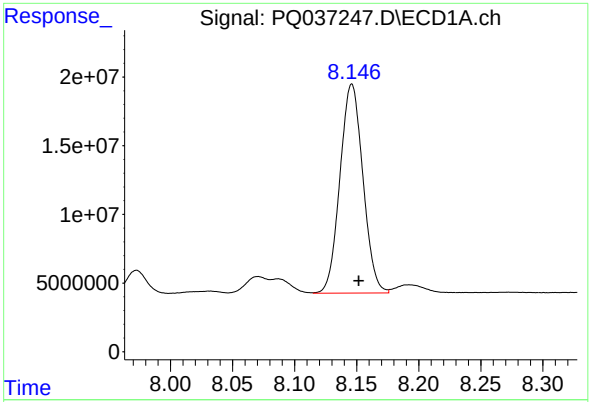
#36 AR-1262-1

R.T.: 7.608 min
Delta R.T.: -0.007 min
Response: 84939182
Conc: 197.00 ng/ml



#36 AR-1262-1

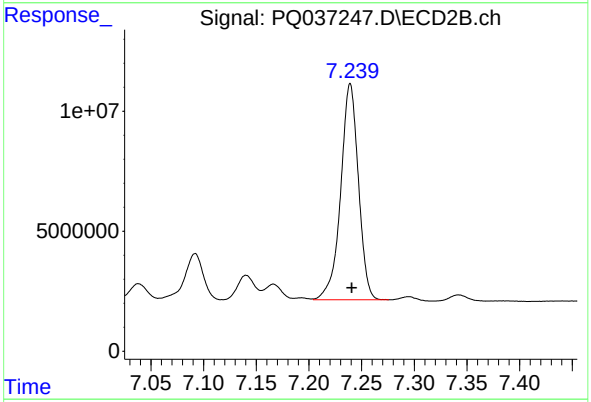
R.T.: 6.737 min
Delta R.T.: -0.002 min
Response: 51871970
Conc: 245.74 ng/ml



#37 AR-1262-2

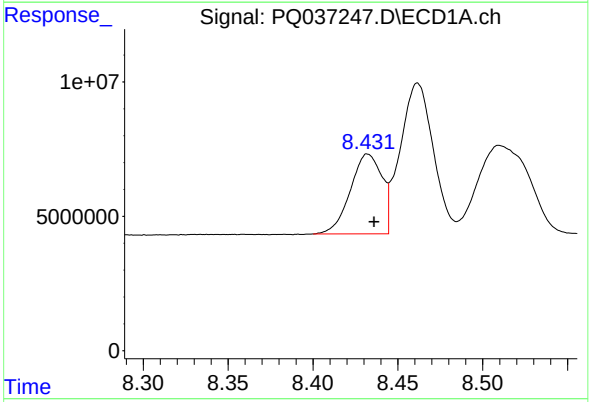
R.T.: 8.146 min
Delta R.T.: -0.006 min
Response: 195987686
Conc: 264.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



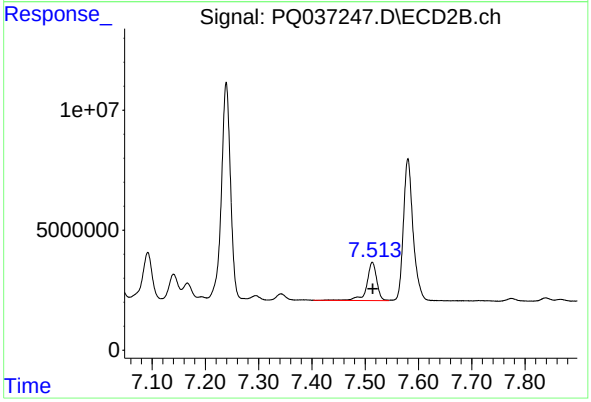
#37 AR-1262-2

R.T.: 7.239 min
Delta R.T.: -0.002 min
Response: 105615921
Conc: 290.84 ng/ml



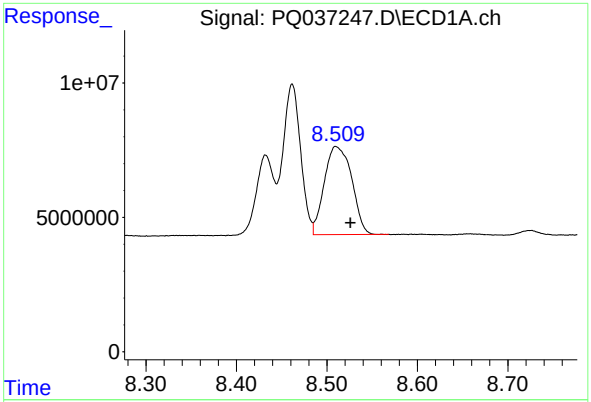
#38 AR-1262-3

R.T.: 8.432 min
Delta R.T.: -0.004 min
Response: 38461947
Conc: 123.33 ng/ml



#38 AR-1262-3

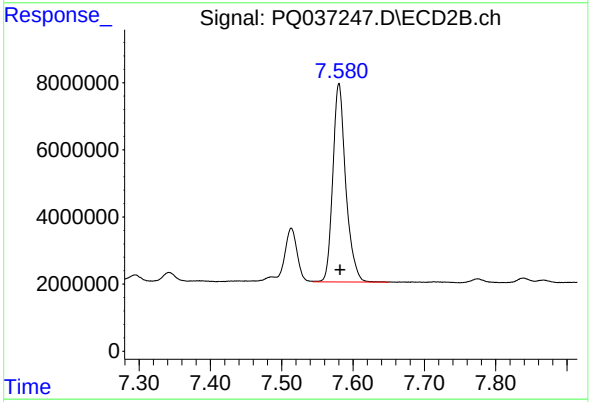
R.T.: 7.513 min
Delta R.T.: 0.000 min
Response: 20618629
Conc: 147.02 ng/ml



#39 AR-1262-4

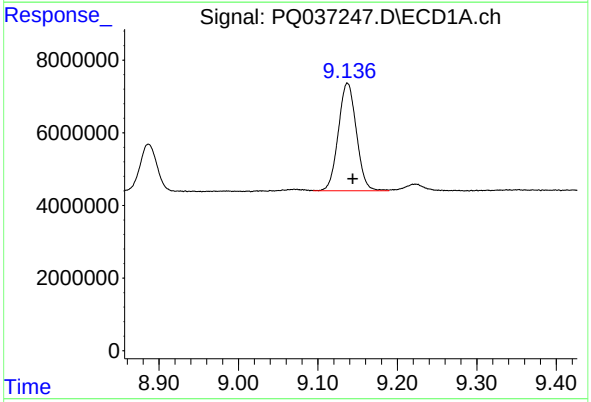
R.T.: 8.510 min
Delta R.T.: -0.016 min
Response: 69058796
Conc: 189.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



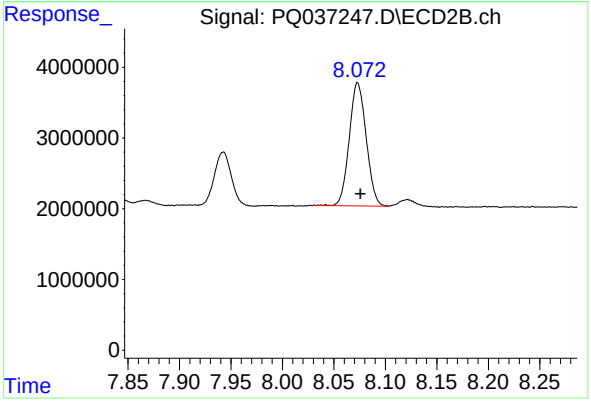
#39 AR-1262-4

R.T.: 7.580 min
Delta R.T.: -0.002 min
Response: 74495694
Conc: 293.17 ng/ml



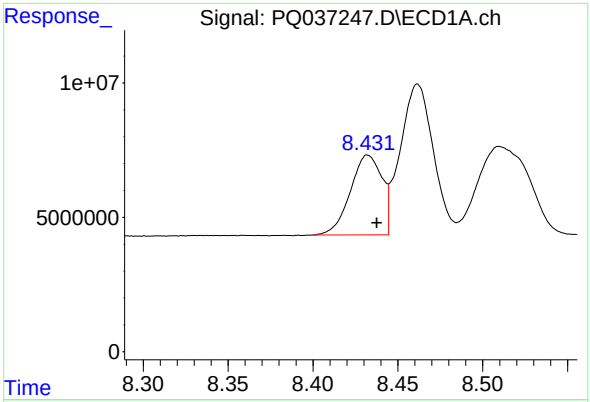
#40 AR-1262-5

R.T.: 9.137 min
Delta R.T.: -0.007 min
Response: 46774673
Conc: 206.47 ng/ml



#40 AR-1262-5

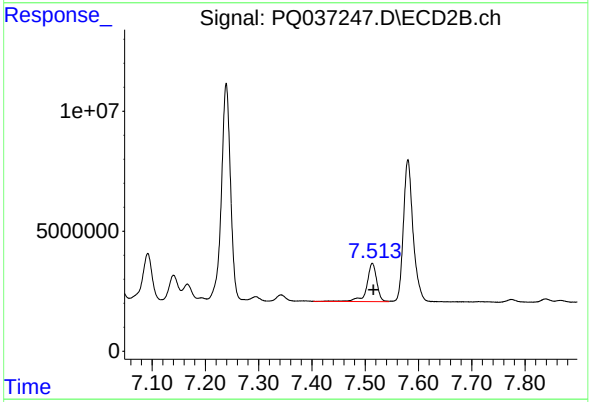
R.T.: 8.073 min
Delta R.T.: -0.003 min
Response: 19918457
Conc: 191.58 ng/ml



#41 AR-1268-1

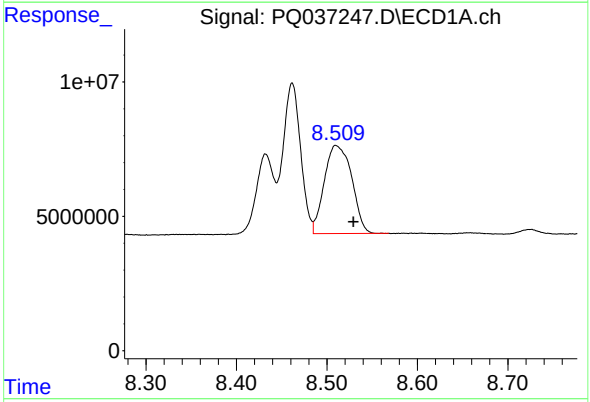
R.T.: 8.432 min
Delta R.T.: -0.005 min
Response: 38461947
Conc: 50.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



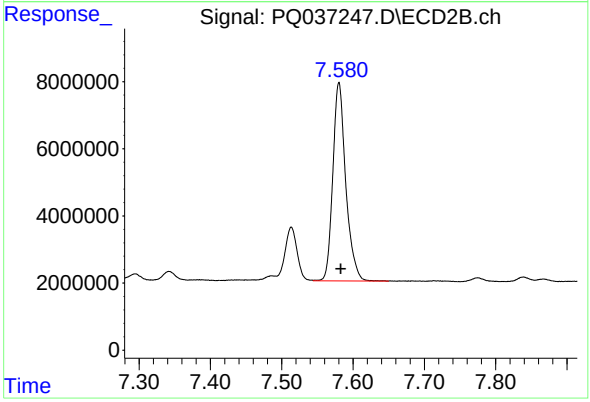
#41 AR-1268-1

R.T.: 7.513 min
Delta R.T.: -0.002 min
Response: 20618629
Conc: 57.46 ng/ml



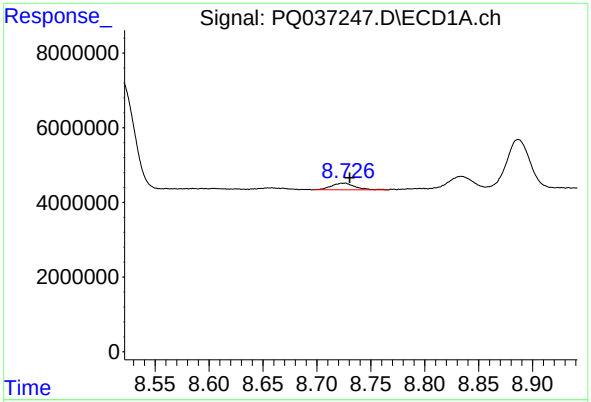
#42 AR-1268-2

R.T.: 8.510 min
Delta R.T.: -0.019 min
Response: 69058796
Conc: 98.40 ng/ml



#42 AR-1268-2

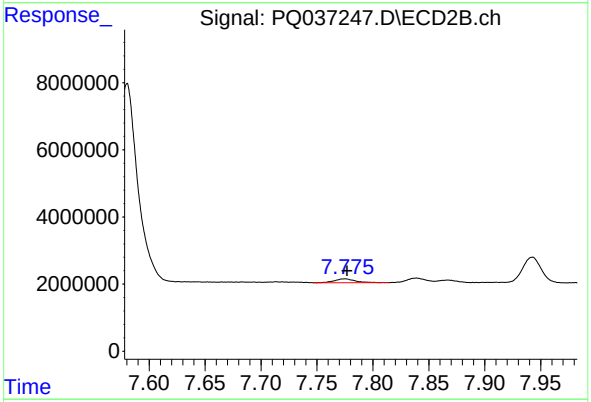
R.T.: 7.580 min
Delta R.T.: -0.002 min
Response: 74495694
Conc: 229.66 ng/ml



#43 AR-1268-3

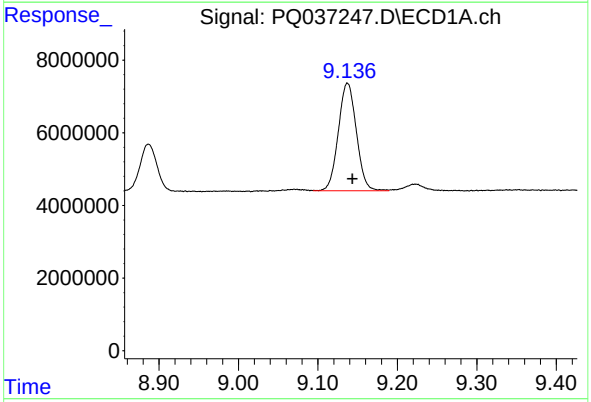
R.T.: 8.725 min
Delta R.T.: -0.005 min
Response: 2698989
Conc: 4.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



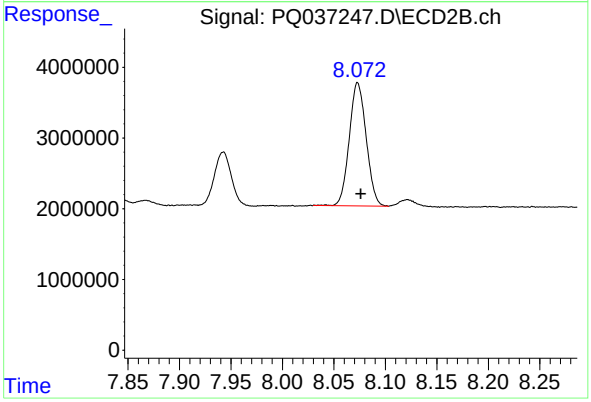
#43 AR-1268-3

R.T.: 7.775 min
Delta R.T.: -0.002 min
Response: 1457165
Conc: 5.50 ng/ml



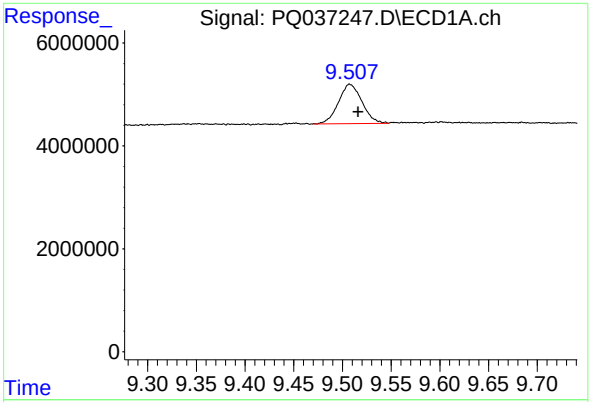
#44 AR-1268-4

R.T.: 9.137 min
Delta R.T.: -0.006 min
Response: 46774673
Conc: 205.55 ng/ml



#44 AR-1268-4

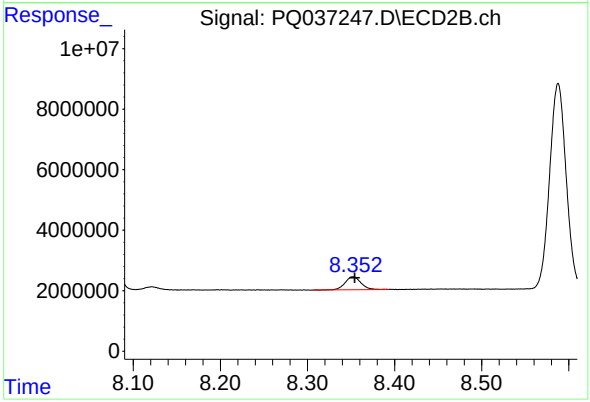
R.T.: 8.073 min
Delta R.T.: -0.003 min
Response: 19918457
Conc: 187.44 ng/ml



#45 AR-1268-5

R.T.: 9.508 min
Delta R.T.: -0.009 min
Response: 12815039
Conc: 7.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



#45 AR-1268-5

R.T.: 8.352 min
Delta R.T.: -0.002 min
Response: 5435421
Conc: 6.57 ng/ml