

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR042220\
 Data File : PR045241.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Apr 2020 08:32
 Operator : AJ\MA
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR1660383

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 22 16:42:31 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR041620CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Apr 17 08:59:11 2020
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	4.797	4.054	44570769	293.5E6	22.097	21.089
2)	SA Decachlor...	10.826	9.211	59351747	328.5E6	41.133	43.428
Target Compounds							
3)	L1 AR-1016-1	5.988	5.157	30275467	200.1E6	415.043	400.185
4)	L1 AR-1016-2	6.011	5.178	42182165	262.9E6	410.445	396.074
5)	L1 AR-1016-3	6.074	5.358	25636243	143.7E6	419.239	404.502
6)	L1 AR-1016-4	6.176	5.397	21513959	111.8E6	423.916	407.710
7)	L1 AR-1016-5	6.470	5.615	21154782	145.5E6	425.860	412.727
8)	L2 AR-1221-1	5.004	4.267	2865270	17464063	128.199	114.168
9)	L2 AR-1221-2	5.098	4.356	3668593	24742386	227.556	225.666
10)	L2 AR-1221-3	5.178	4.434	14501461	96972862	281.566	272.887
11)	L3 AR-1232-1	5.178	4.434	14501461	96972862	364.203	343.556
12)	L3 AR-1232-2	5.717	5.178	21887152	262.9E6	845.685	985.090
13)	L3 AR-1232-3	6.011	5.358	42182165	143.7E6	1103.313	988.627
14)	L3 AR-1232-4	6.176	5.441	21513959	136.2E6	1023.455	1141.182
15)	L3 AR-1232-5	6.261	5.615	18967568	145.5E6	1194.870	1061.877
16)	L4 AR-1242-1	5.988	5.157	30275467	200.1E6	604.098	554.450
17)	L4 AR-1242-2	6.011	5.178	42182165	262.9E6	602.650	554.487
18)	L4 AR-1242-3	6.074	5.358	25636243	143.7E6	600.125	556.899
19)	L4 AR-1242-4	6.176	5.441	21513959	136.2E6	604.203	565.061
20)	L4 AR-1242-5	6.918	5.971	3182799	103.6E6	84.955	337.028 #
21)	L5 AR-1248-1	5.988	5.157	30275467	200.1E6	782.304	709.959
22)	L5 AR-1248-2	6.261	5.397	18967568	111.8E6	370.495	329.221
23)	L5 AR-1248-3	6.470	5.441	21154782	136.2E6	375.773	397.126
24)	L5 AR-1248-4	6.878	5.615	3634695	145.5E6	57.869	348.850 #
25)	L5 AR-1248-5	6.918	6.012	3182799	19284541	53.483	48.667
26)	L6 AR-1254-1	6.849	5.971	14178128	103.6E6	235.385	177.428
27)	L6 AR-1254-2	7.066	6.118	15351287	92558636	167.404	188.410
28)	L6 AR-1254-3	7.441	6.543	8686362	212.7E6	90.015	270.518 #
29)	L6 AR-1254-4	7.727	6.755	5934985	29189392	82.352	56.592 #
30)	L6 AR-1254-5	8.150	7.176	50451438	314.4E6	584.021	477.387
31)	L7 AR-1260-1	7.601	6.658	35571890	238.6E6	426.205	424.628
32)	L7 AR-1260-2	7.857	6.844	42773801	266.9E6	423.134	389.129
33)	L7 AR-1260-3	8.222	7.002	32584861	271.5E6	425.335	425.410
34)	L7 AR-1260-4	8.469	7.478	37789989	219.7E6	425.244	433.824
35)	L7 AR-1260-5	8.818	7.716	77302732	523.2E6	416.538	430.977
36)	L8 AR-1262-1	8.284	7.176	17095758	314.4E6	444.482	857.116 #
37)	L8 AR-1262-2	8.818	7.716	77302732	523.2E6	429.444	421.643
38)	L8 AR-1262-3	9.156	8.004	17461685	113.8E6	224.376	238.899
39)	L8 AR-1262-4	9.241	8.067	29867041	367.6E6	332.544	410.519
40)	L8 AR-1262-5	9.991	8.593	21881663	130.2E6	326.461	310.345
41)	L9 AR-1268-1	9.156	8.004	17461685	113.8E6	81.443	81.165
42)	L9 AR-1268-2	9.241	8.067	29867041	367.6E6	150.185	279.608 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR042220\
 Data File : PR045241.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Apr 2020 08:32
 Operator : AJ\MA
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

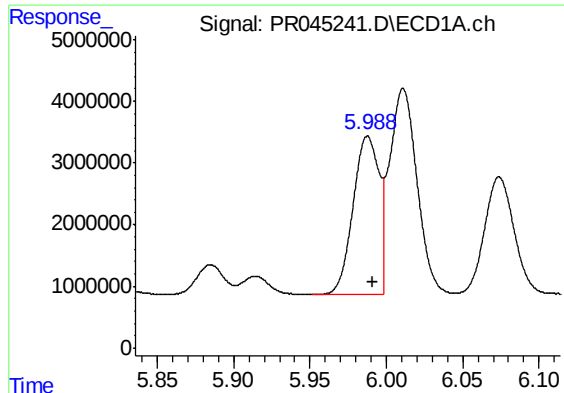
Instrument :
 ECD_R
 ClientSampleId :
 AR1660383

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 22 16:42:31 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR041620CLP.M
 Quant Title : GC EXTRACTABLES
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Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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	9.510	8.289	1144773	8554750	6.841	7.949
44) L9	AR-1268-4	9.991	8.593	21881663	130.2E6	290.150	274.376
45) L9	AR-1268-5	10.451	8.920	5603163	35060861	9.885	10.494

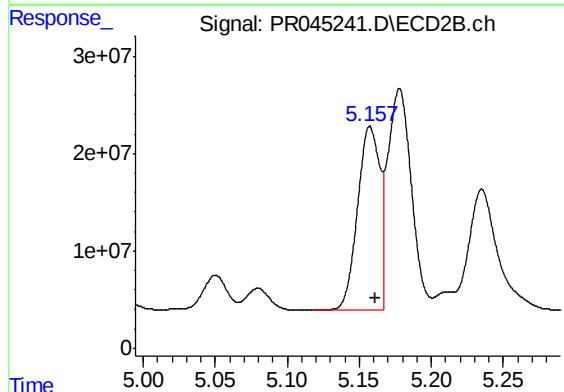
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

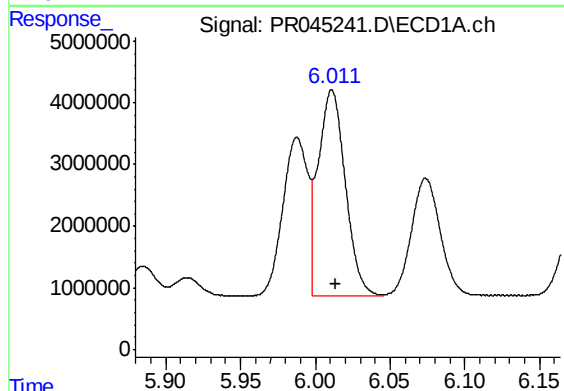
R.T.: 5.988 min
Delta R.T.: -0.003 min
Response: 30275467
Conc: 415.04 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660383



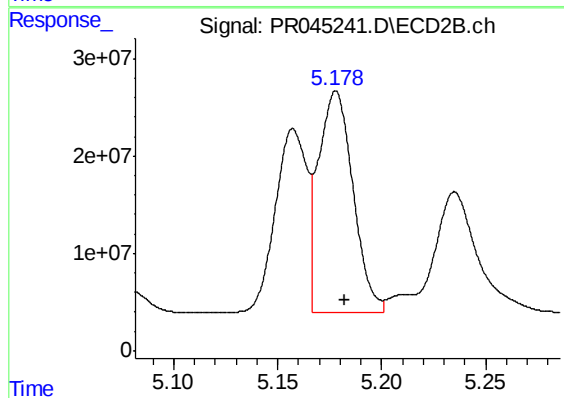
#3 AR-1016-1

R.T.: 5.157 min
Delta R.T.: -0.004 min
Response: 200137881
Conc: 400.18 ng/ml



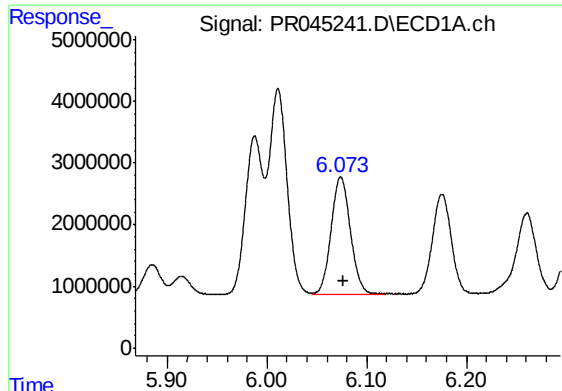
#4 AR-1016-2

R.T.: 6.011 min
Delta R.T.: -0.003 min
Response: 42182165
Conc: 410.44 ng/ml



#4 AR-1016-2

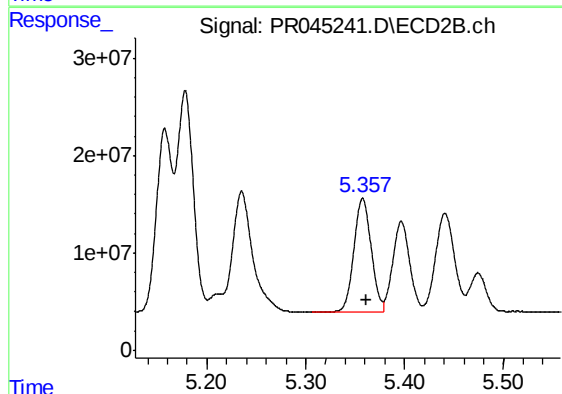
R.T.: 5.178 min
Delta R.T.: -0.004 min
Response: 262861982
Conc: 396.07 ng/ml



#5 AR-1016-3

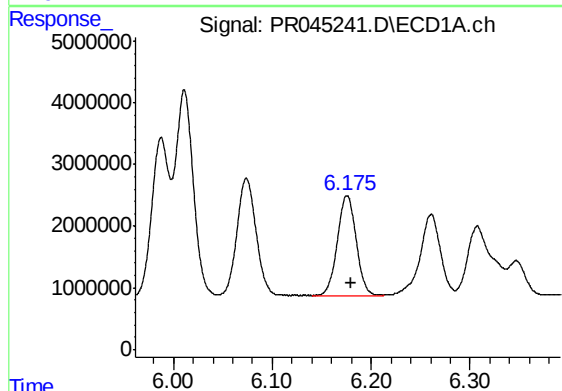
R.T.: 6.074 min
Delta R.T.: -0.003 min
Response: 25636243
Conc: 419.24 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660383



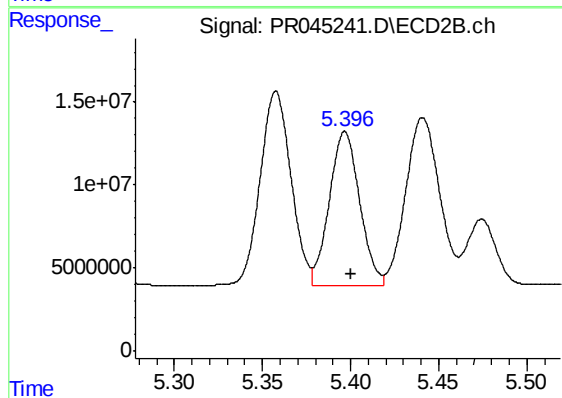
#5 AR-1016-3

R.T.: 5.358 min
Delta R.T.: -0.004 min
Response: 143715924
Conc: 404.50 ng/ml



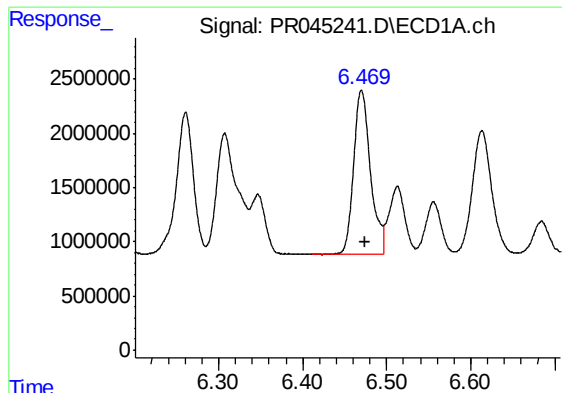
#6 AR-1016-4

R.T.: 6.176 min
Delta R.T.: -0.004 min
Response: 21513959
Conc: 423.92 ng/ml



#6 AR-1016-4

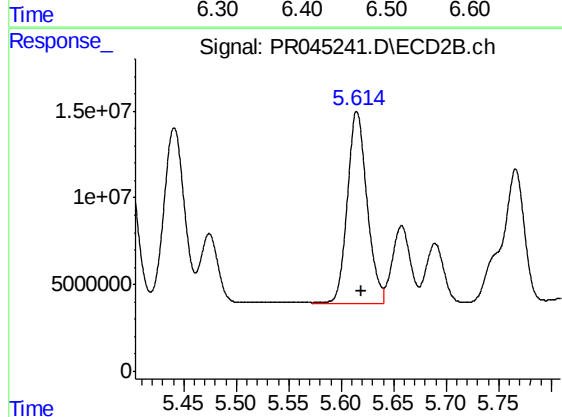
R.T.: 5.397 min
Delta R.T.: -0.004 min
Response: 111778810
Conc: 407.71 ng/ml



#7 AR-1016-5

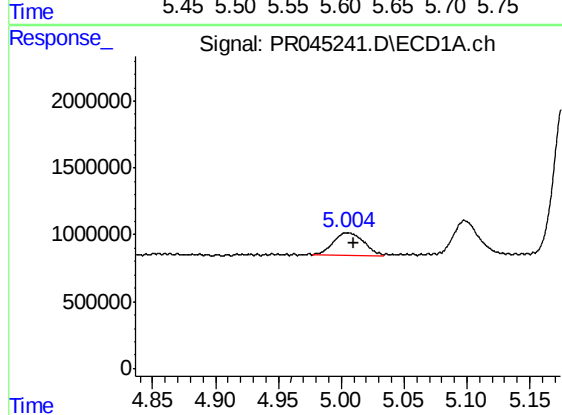
R.T.: 6.470 min
Delta R.T.: -0.004 min
Response: 21154782
Conc: 425.86 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660383



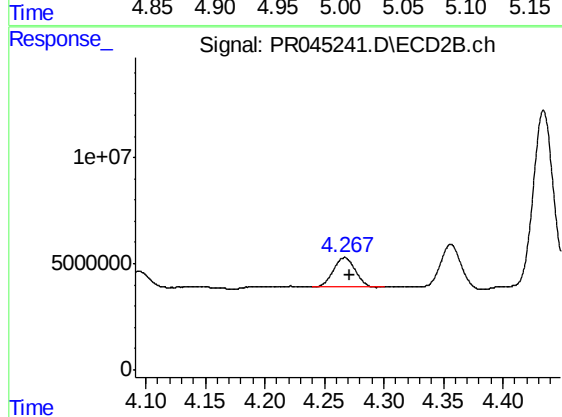
#7 AR-1016-5

R.T.: 5.615 min
Delta R.T.: -0.004 min
Response: 145508736
Conc: 412.73 ng/ml



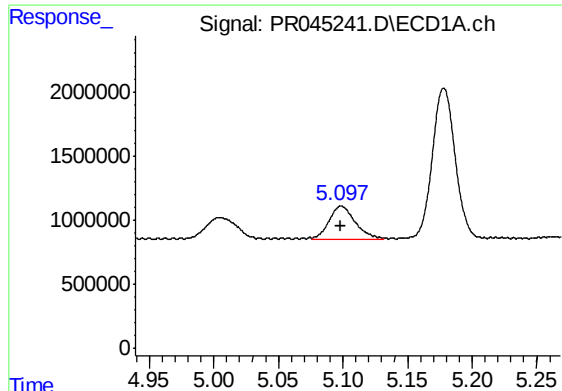
#8 AR-1221-1

R.T.: 5.004 min
Delta R.T.: -0.006 min
Response: 2865270
Conc: 128.20 ng/ml



#8 AR-1221-1

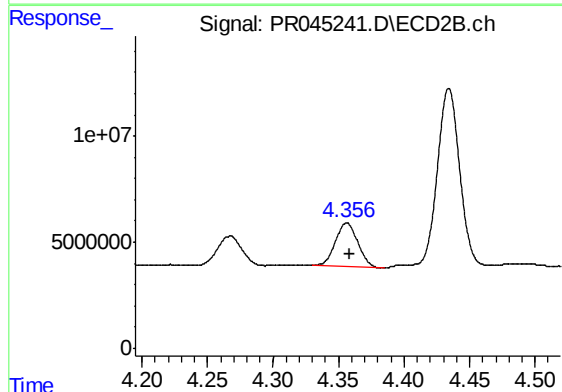
R.T.: 4.267 min
Delta R.T.: -0.004 min
Response: 17464063
Conc: 114.17 ng/ml



#9 AR-1221-2

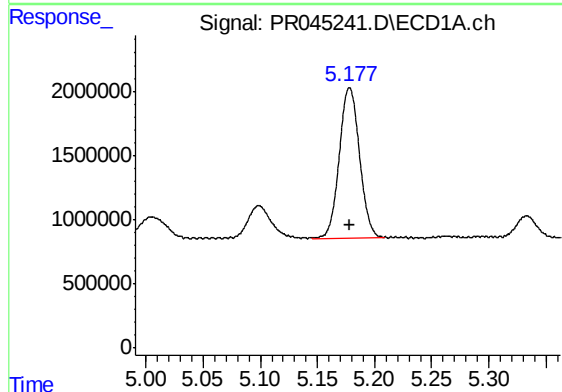
R.T.: 5.098 min
Delta R.T.: 0.000 min
Response: 3668593
Conc: 227.56 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660383



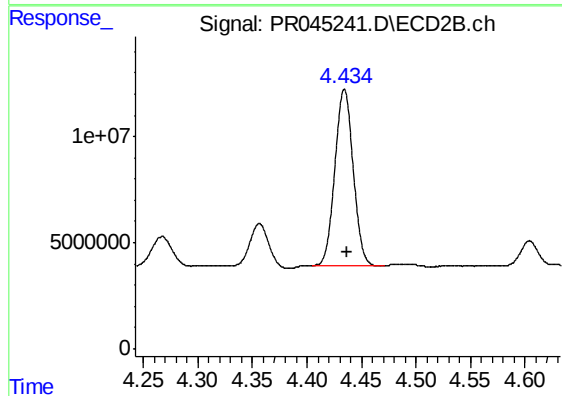
#9 AR-1221-2

R.T.: 4.356 min
Delta R.T.: -0.002 min
Response: 24742386
Conc: 225.67 ng/ml



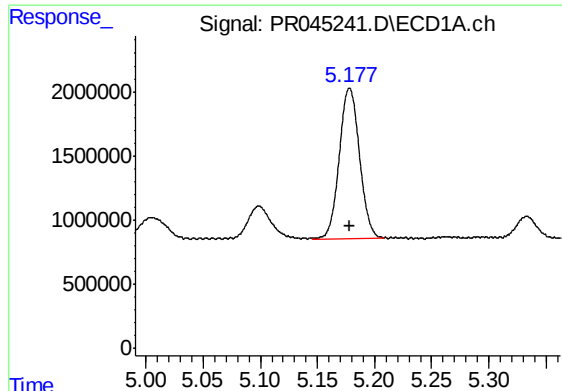
#10 AR-1221-3

R.T.: 5.178 min
Delta R.T.: 0.000 min
Response: 14501461
Conc: 281.57 ng/ml



#10 AR-1221-3

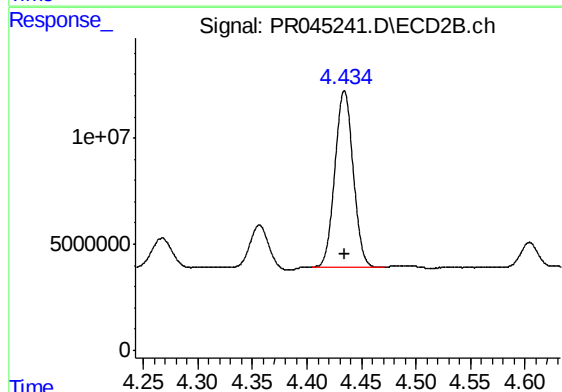
R.T.: 4.434 min
Delta R.T.: -0.003 min
Response: 96972862
Conc: 272.89 ng/ml



#11 AR-1232-1

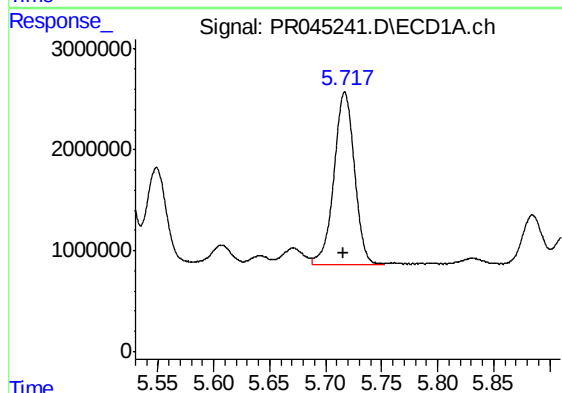
R.T.: 5.178 min
Delta R.T.: 0.000 min
Response: 14501461
Conc: 364.20 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660383



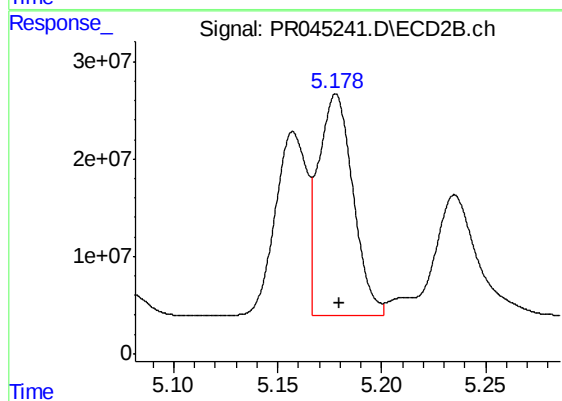
#11 AR-1232-1

R.T.: 4.434 min
Delta R.T.: 0.000 min
Response: 96972862
Conc: 343.56 ng/ml



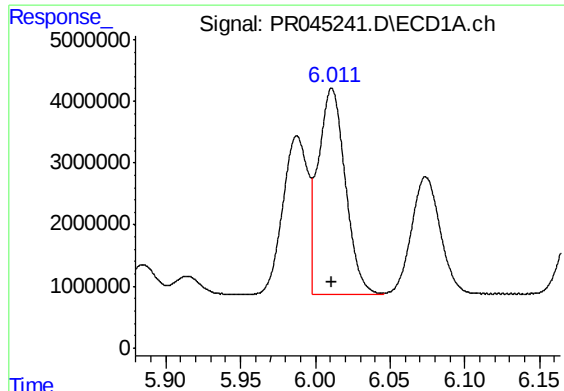
#12 AR-1232-2

R.T.: 5.717 min
Delta R.T.: 0.001 min
Response: 21887152
Conc: 845.69 ng/ml



#12 AR-1232-2

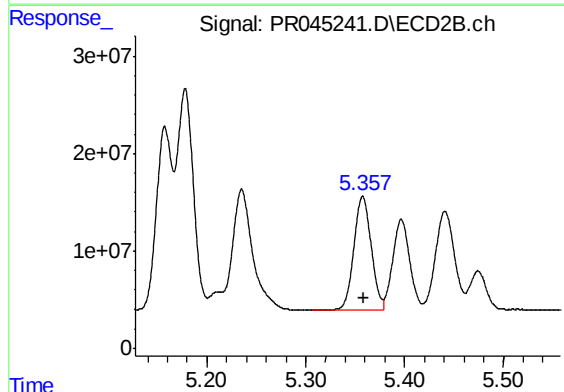
R.T.: 5.178 min
Delta R.T.: -0.002 min
Response: 262861982
Conc: 985.09 ng/ml



#13 AR-1232-3

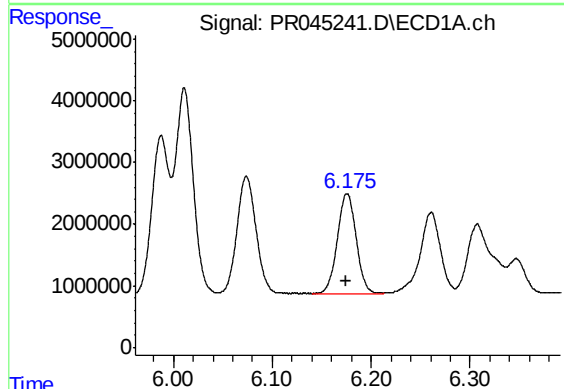
R.T.: 6.011 min
Delta R.T.: 0.000 min
Response: 42182165
Conc: 1103.31 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660383



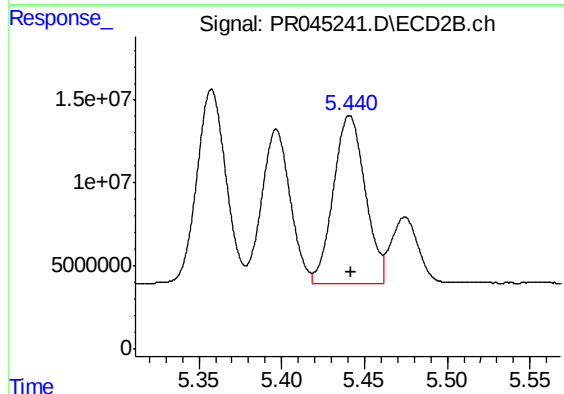
#13 AR-1232-3

R.T.: 5.358 min
Delta R.T.: -0.001 min
Response: 143715924
Conc: 988.63 ng/ml



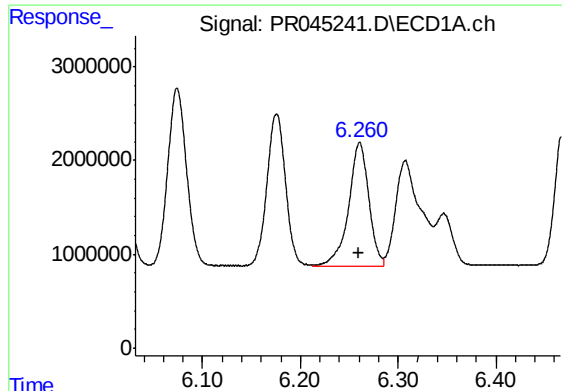
#14 AR-1232-4

R.T.: 6.176 min
Delta R.T.: 0.001 min
Response: 21513959
Conc: 1023.46 ng/ml



#14 AR-1232-4

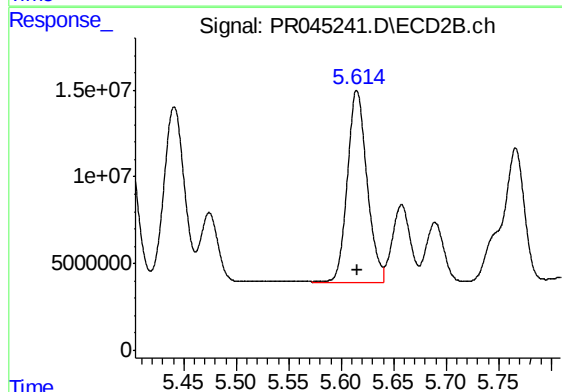
R.T.: 5.441 min
Delta R.T.: -0.001 min
Response: 136204944
Conc: 1141.18 ng/ml



#15 AR-1232-5

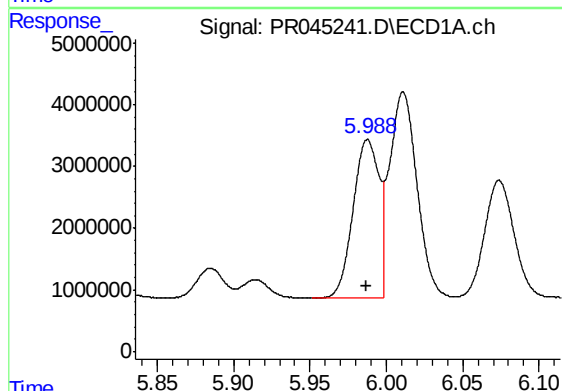
R.T.: 6.261 min
Delta R.T.: 0.000 min
Response: 18967568
Conc: 1194.87 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660383



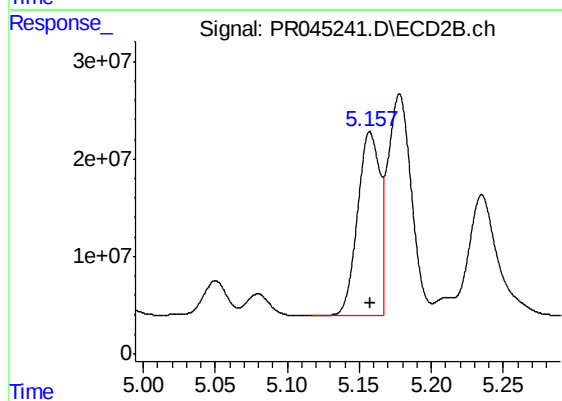
#15 AR-1232-5

R.T.: 5.615 min
Delta R.T.: 0.000 min
Response: 145508736
Conc: 1061.88 ng/ml



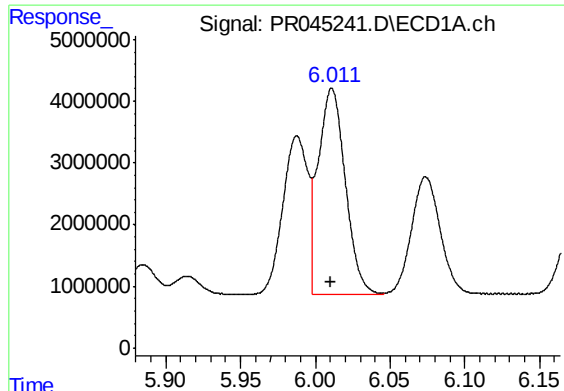
#16 AR-1242-1

R.T.: 5.988 min
Delta R.T.: 0.000 min
Response: 30275467
Conc: 604.10 ng/ml



#16 AR-1242-1

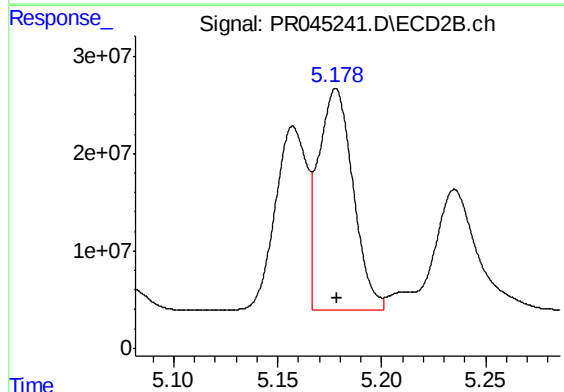
R.T.: 5.157 min
Delta R.T.: 0.000 min
Response: 200137881
Conc: 554.45 ng/ml



#17 AR-1242-2

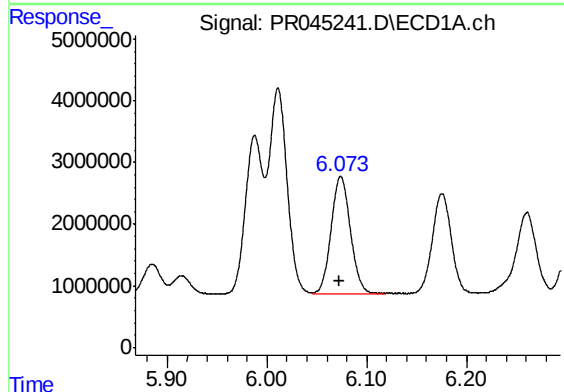
R.T.: 6.011 min
Delta R.T.: 0.001 min
Response: 42182165
Conc: 602.65 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660383



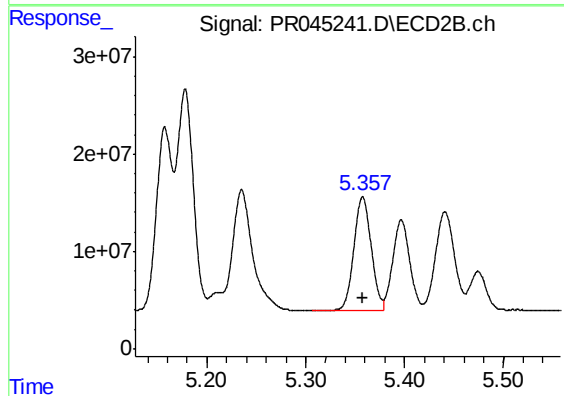
#17 AR-1242-2

R.T.: 5.178 min
Delta R.T.: 0.000 min
Response: 262861982
Conc: 554.49 ng/ml



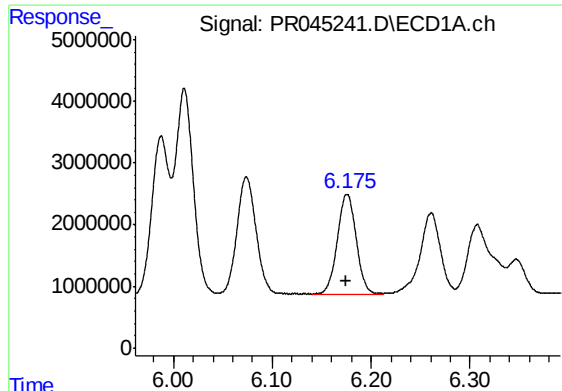
#18 AR-1242-3

R.T.: 6.074 min
Delta R.T.: 0.000 min
Response: 25636243
Conc: 600.12 ng/ml



#18 AR-1242-3

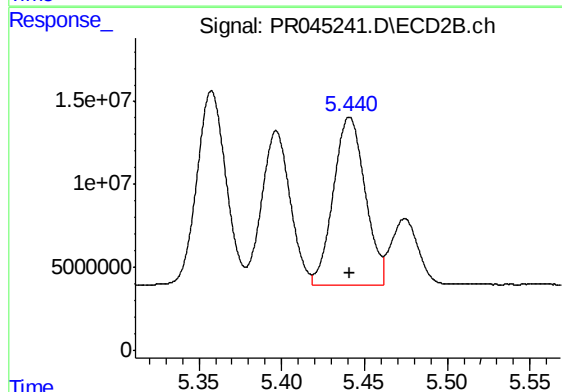
R.T.: 5.358 min
Delta R.T.: 0.000 min
Response: 143715924
Conc: 556.90 ng/ml



#19 AR-1242-4

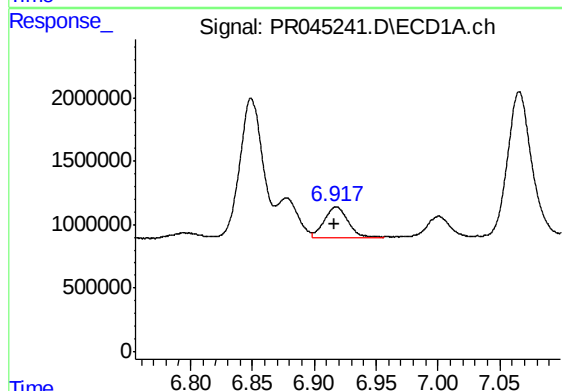
R.T.: 6.176 min
Delta R.T.: 0.000 min
Response: 21513959
Conc: 604.20 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660383



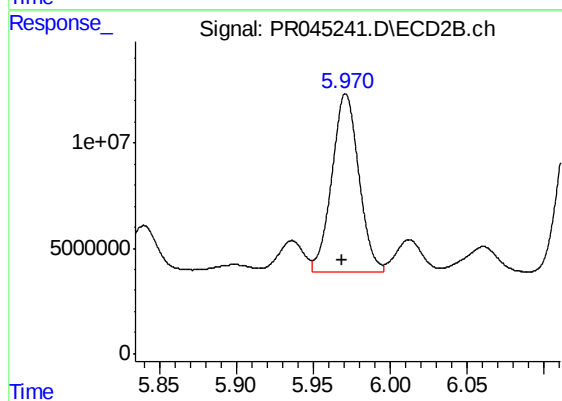
#19 AR-1242-4

R.T.: 5.441 min
Delta R.T.: 0.000 min
Response: 136204944
Conc: 565.06 ng/ml



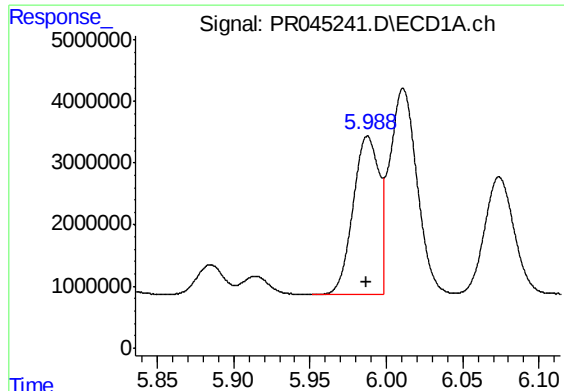
#20 AR-1242-5

R.T.: 6.918 min
Delta R.T.: 0.002 min
Response: 3182799
Conc: 84.95 ng/ml



#20 AR-1242-5

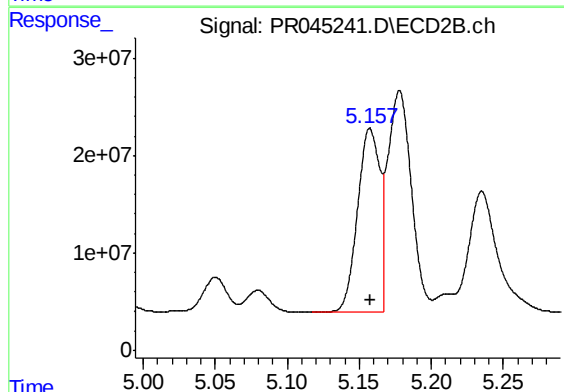
R.T.: 5.971 min
Delta R.T.: 0.002 min
Response: 103611579
Conc: 337.03 ng/ml



#21 AR-1248-1

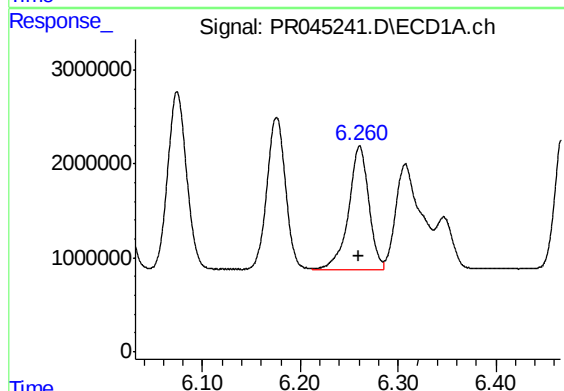
R.T.: 5.988 min
Delta R.T.: 0.001 min
Response: 30275467
Conc: 782.30 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660383



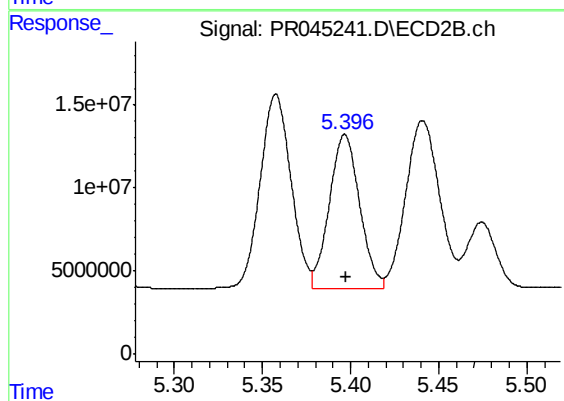
#21 AR-1248-1

R.T.: 5.157 min
Delta R.T.: 0.000 min
Response: 200137881
Conc: 709.96 ng/ml



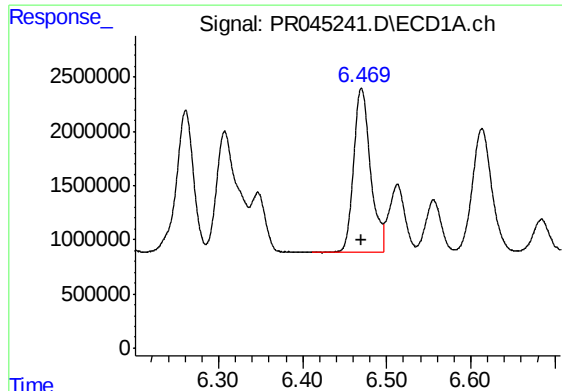
#22 AR-1248-2

R.T.: 6.261 min
Delta R.T.: 0.002 min
Response: 18967568
Conc: 370.50 ng/ml



#22 AR-1248-2

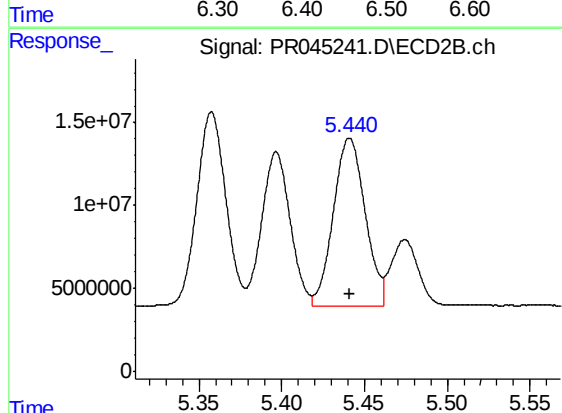
R.T.: 5.397 min
Delta R.T.: 0.000 min
Response: 111778810
Conc: 329.22 ng/ml



#23 AR-1248-3

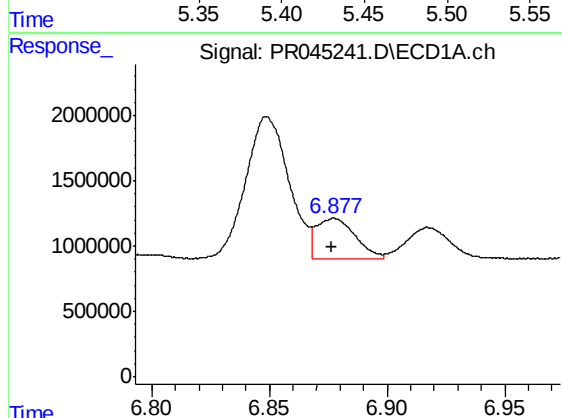
R.T.: 6.470 min
Delta R.T.: 0.000 min
Response: 21154782
Conc: 375.77 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660383



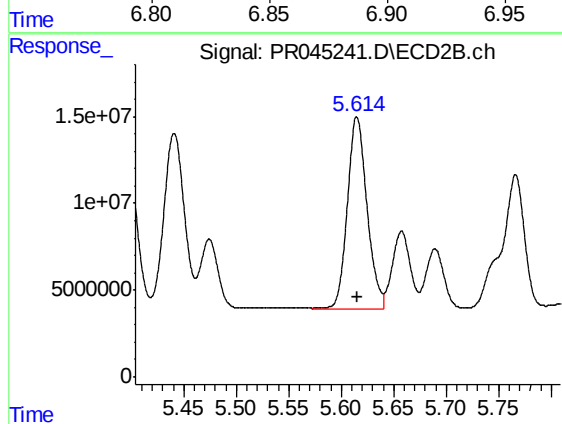
#23 AR-1248-3

R.T.: 5.441 min
Delta R.T.: 0.000 min
Response: 136204944
Conc: 397.13 ng/ml



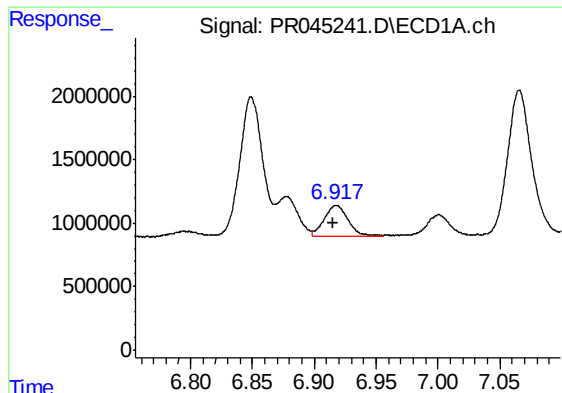
#24 AR-1248-4

R.T.: 6.878 min
Delta R.T.: 0.000 min
Response: 3634695
Conc: 57.87 ng/ml



#24 AR-1248-4

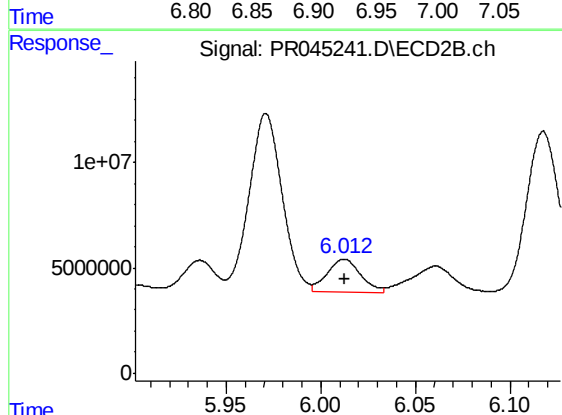
R.T.: 5.615 min
Delta R.T.: 0.000 min
Response: 145508736
Conc: 348.85 ng/ml



#25 AR-1248-5

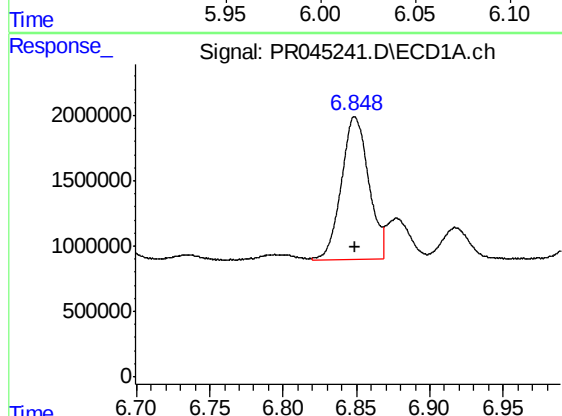
R.T.: 6.918 min
Delta R.T.: 0.002 min
Response: 3182799
Conc: 53.48 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660383



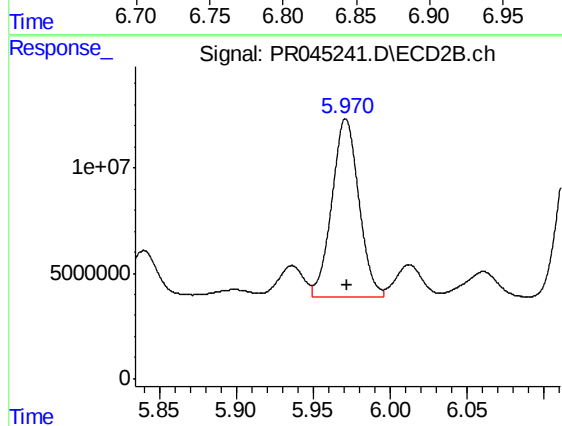
#25 AR-1248-5

R.T.: 6.012 min
Delta R.T.: 0.000 min
Response: 19284541
Conc: 48.67 ng/ml



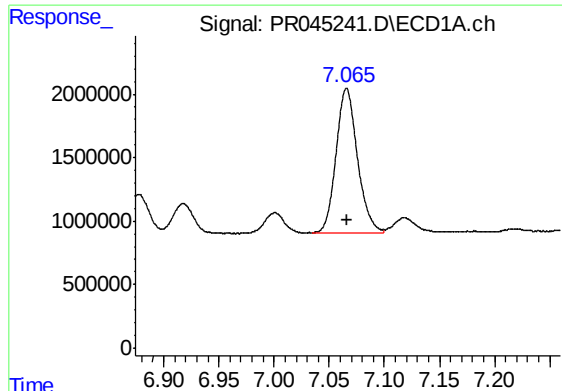
#26 AR-1254-1

R.T.: 6.849 min
Delta R.T.: 0.000 min
Response: 14178128
Conc: 235.38 ng/ml



#26 AR-1254-1

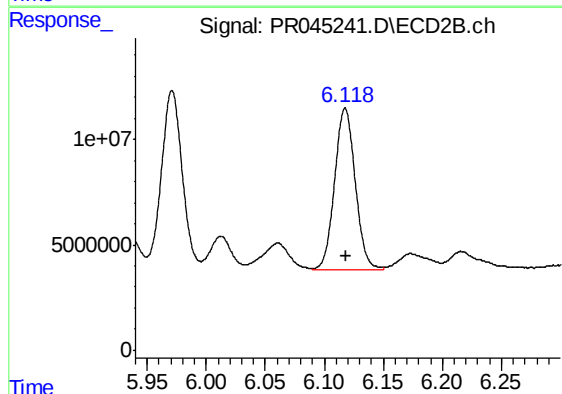
R.T.: 5.971 min
Delta R.T.: 0.000 min
Response: 103611579
Conc: 177.43 ng/ml



#27 AR-1254-2

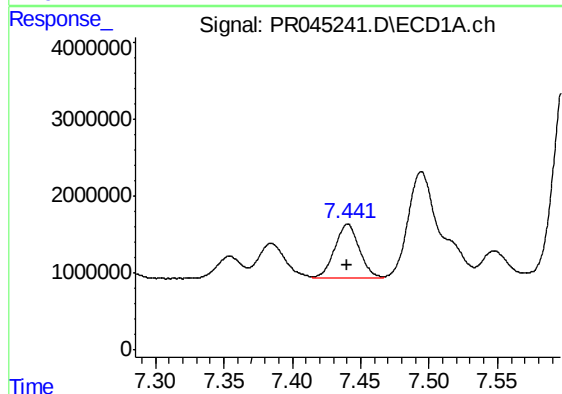
R.T.: 7.066 min
Delta R.T.: 0.000 min
Response: 15351287
Conc: 167.40 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660383



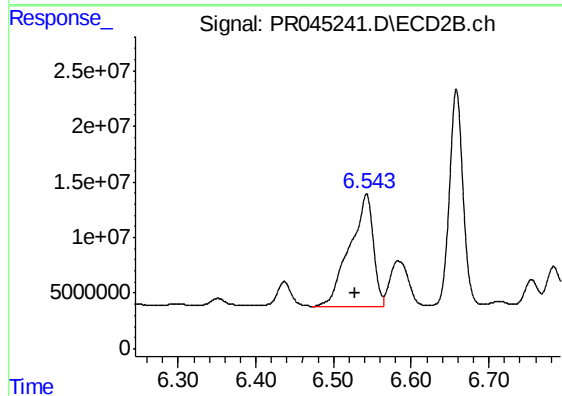
#27 AR-1254-2

R.T.: 6.118 min
Delta R.T.: 0.000 min
Response: 92558636
Conc: 188.41 ng/ml



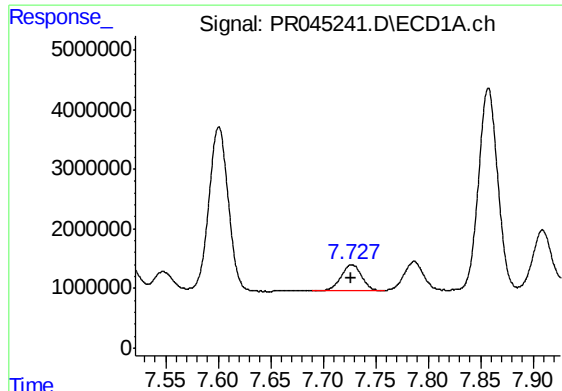
#28 AR-1254-3

R.T.: 7.441 min
Delta R.T.: 0.000 min
Response: 8686362
Conc: 90.02 ng/ml



#28 AR-1254-3

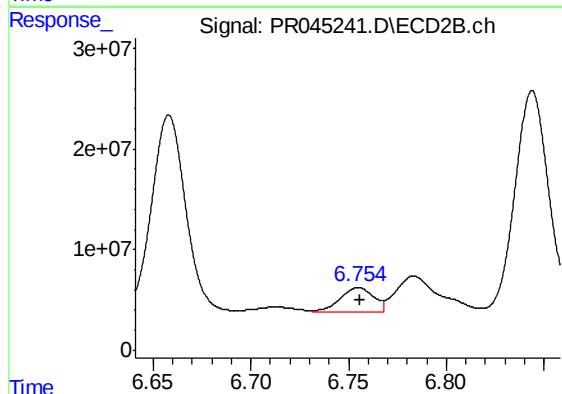
R.T.: 6.543 min
Delta R.T.: 0.015 min
Response: 212733457
Conc: 270.52 ng/ml



#29 AR-1254-4

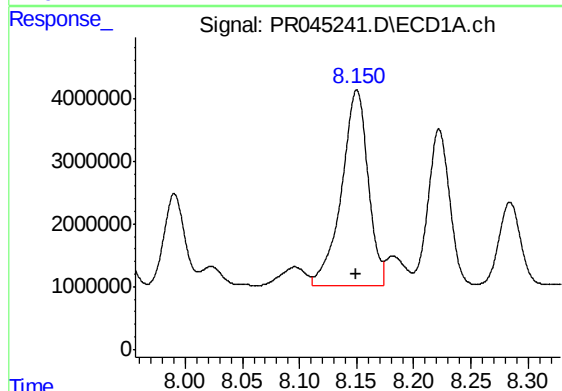
R.T.: 7.727 min
Delta R.T.: 0.000 min
Response: 5934985
Conc: 82.35 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660383



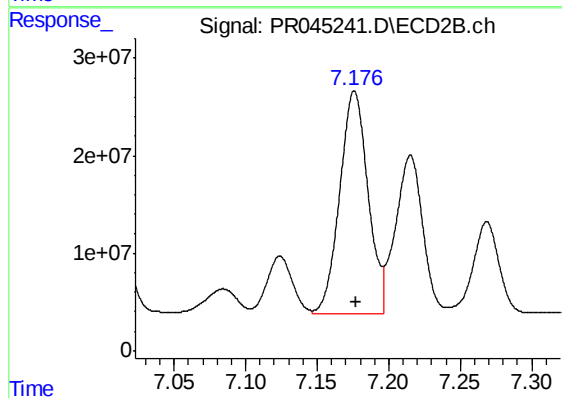
#29 AR-1254-4

R.T.: 6.755 min
Delta R.T.: 0.000 min
Response: 29189392
Conc: 56.59 ng/ml



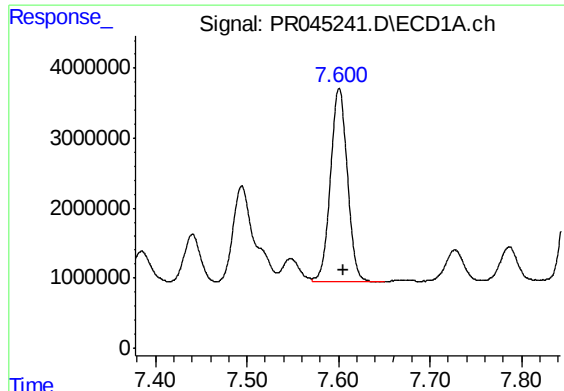
#30 AR-1254-5

R.T.: 8.150 min
Delta R.T.: 0.000 min
Response: 50451438
Conc: 584.02 ng/ml



#30 AR-1254-5

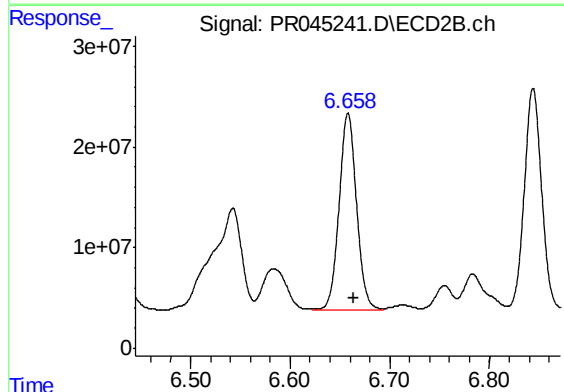
R.T.: 7.176 min
Delta R.T.: -0.001 min
Response: 314382888
Conc: 477.39 ng/ml



#31 AR-1260-1

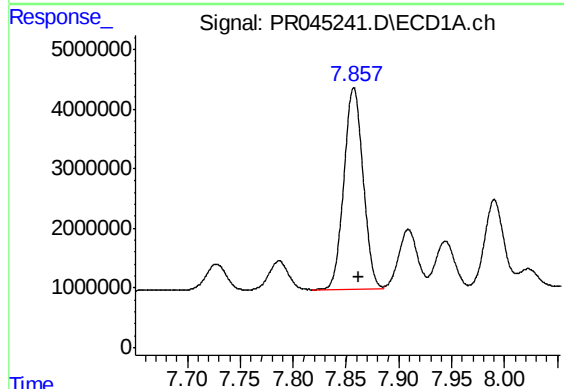
R.T.: 7.601 min
Delta R.T.: -0.004 min
Response: 35571890
Conc: 426.20 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660383



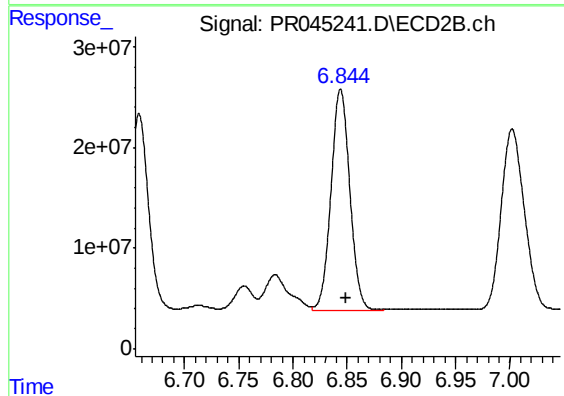
#31 AR-1260-1

R.T.: 6.658 min
Delta R.T.: -0.005 min
Response: 238628051
Conc: 424.63 ng/ml



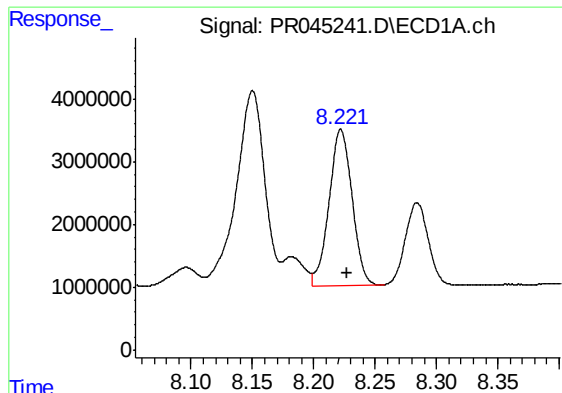
#32 AR-1260-2

R.T.: 7.857 min
Delta R.T.: -0.004 min
Response: 42773801
Conc: 423.13 ng/ml



#32 AR-1260-2

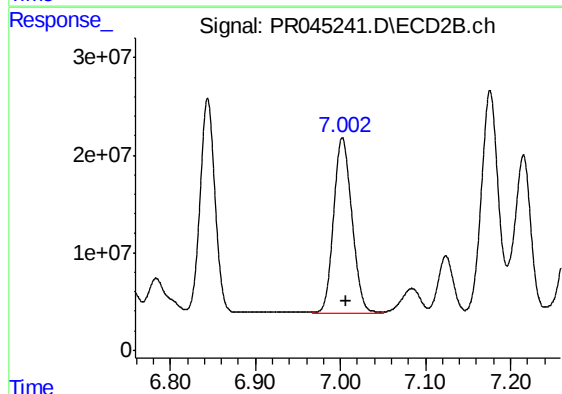
R.T.: 6.844 min
Delta R.T.: -0.005 min
Response: 266851269
Conc: 389.13 ng/ml



#33 AR-1260-3

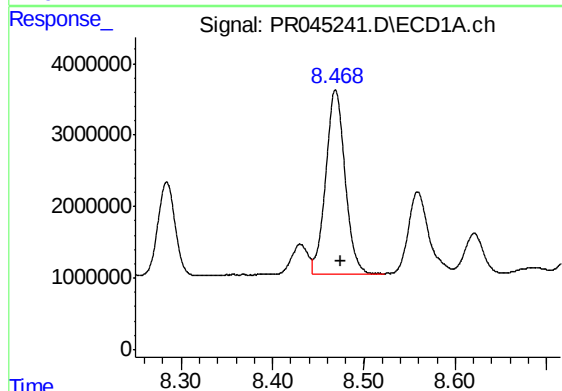
R.T.: 8.222 min
Delta R.T.: -0.005 min
Response: 32584861
Conc: 425.34 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660383



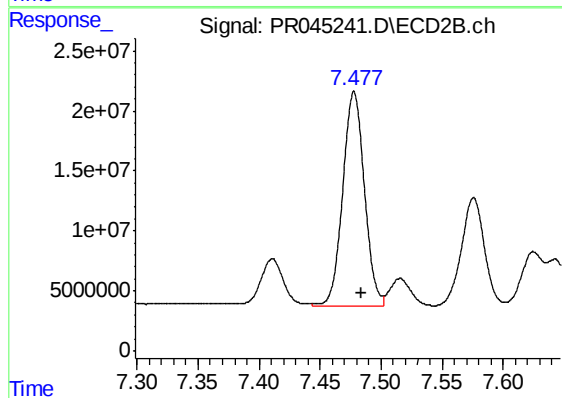
#33 AR-1260-3

R.T.: 7.002 min
Delta R.T.: -0.005 min
Response: 271497007
Conc: 425.41 ng/ml



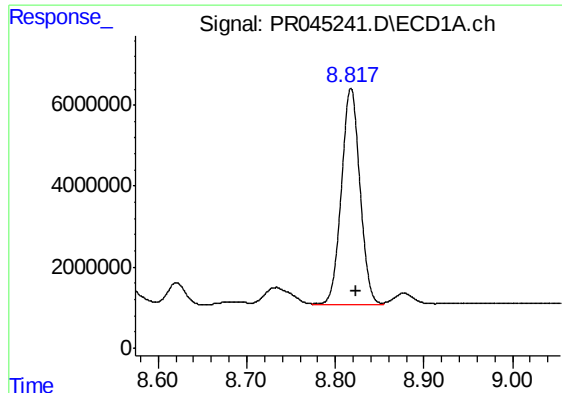
#34 AR-1260-4

R.T.: 8.469 min
Delta R.T.: -0.005 min
Response: 37789989
Conc: 425.24 ng/ml



#34 AR-1260-4

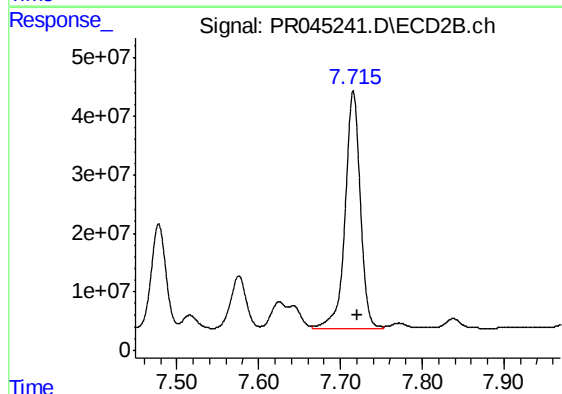
R.T.: 7.478 min
Delta R.T.: -0.006 min
Response: 219707525
Conc: 433.82 ng/ml



#35 AR-1260-5

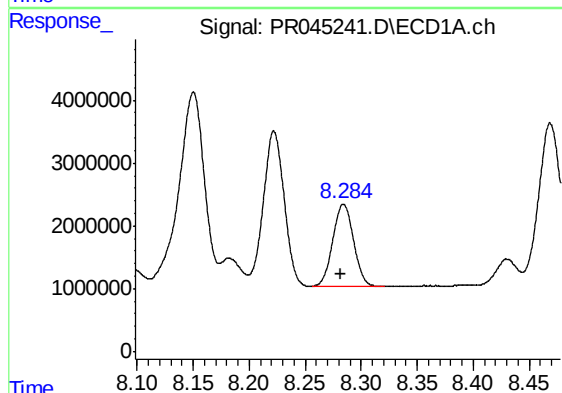
R.T.: 8.818 min
Delta R.T.: -0.005 min
Response: 77302732
Conc: 416.54 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660383



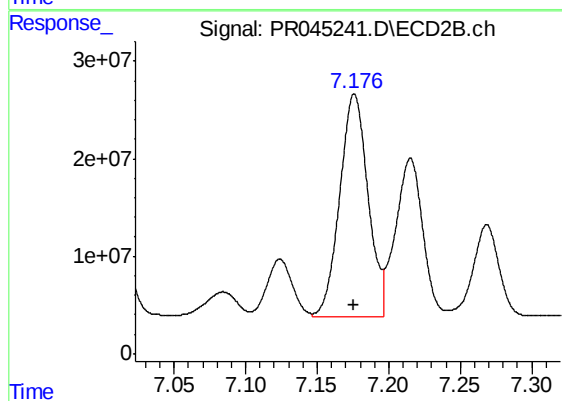
#35 AR-1260-5

R.T.: 7.716 min
Delta R.T.: -0.006 min
Response: 523152879
Conc: 430.98 ng/ml



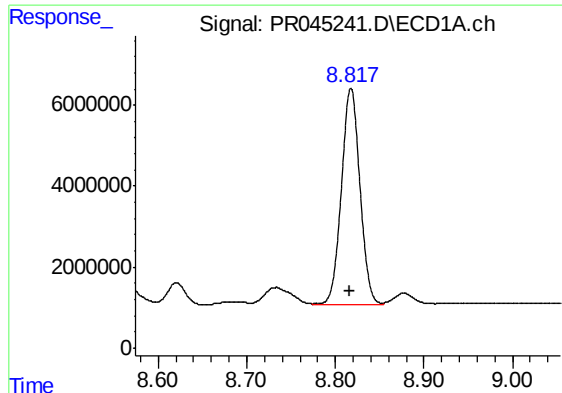
#36 AR-1262-1

R.T.: 8.284 min
Delta R.T.: 0.002 min
Response: 17095758
Conc: 444.48 ng/ml



#36 AR-1262-1

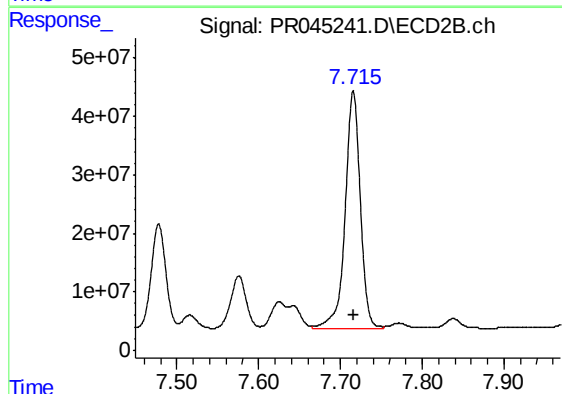
R.T.: 7.176 min
Delta R.T.: 0.000 min
Response: 314382888
Conc: 857.12 ng/ml



#37 AR-1262-2

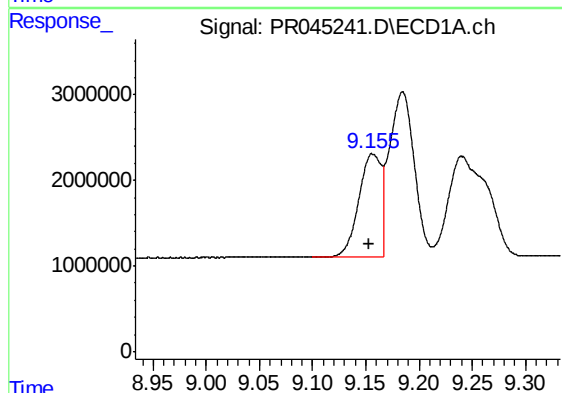
R.T.: 8.818 min
Delta R.T.: 0.002 min
Response: 77302732
Conc: 429.44 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660383



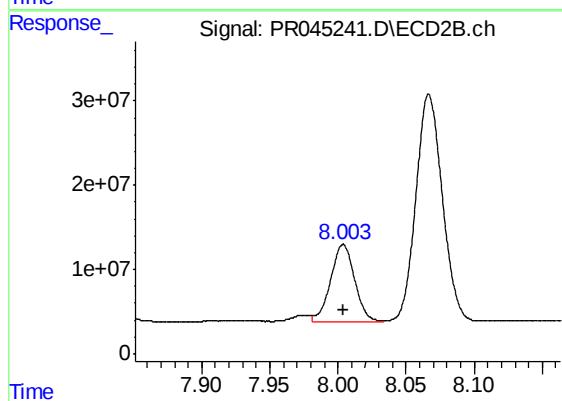
#37 AR-1262-2

R.T.: 7.716 min
Delta R.T.: 0.000 min
Response: 523152879
Conc: 421.64 ng/ml



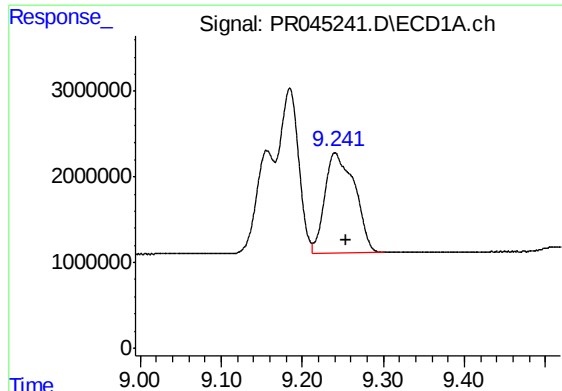
#38 AR-1262-3

R.T.: 9.156 min
Delta R.T.: 0.003 min
Response: 17461685
Conc: 224.38 ng/ml



#38 AR-1262-3

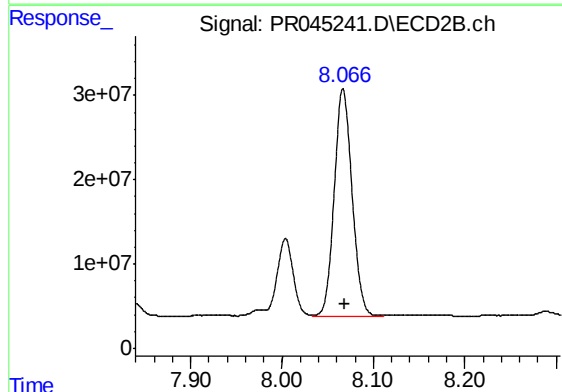
R.T.: 8.004 min
Delta R.T.: 0.000 min
Response: 113790038
Conc: 238.90 ng/ml



#39 AR-1262-4

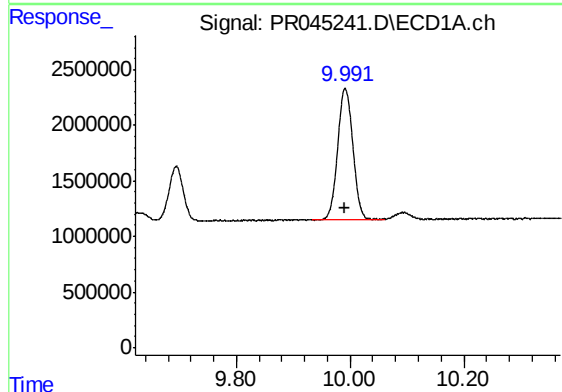
R.T.: 9.241 min
Delta R.T.: -0.014 min
Response: 29867041
Conc: 332.54 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660383



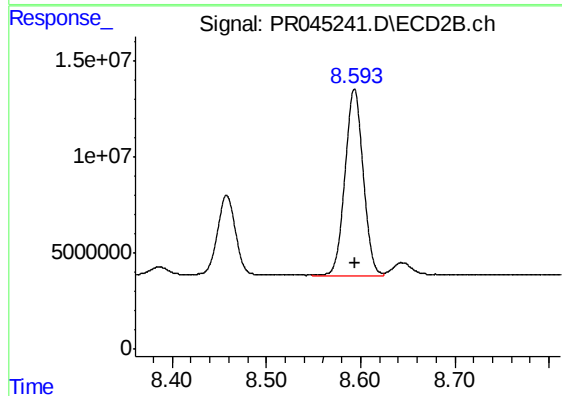
#39 AR-1262-4

R.T.: 8.067 min
Delta R.T.: -0.001 min
Response: 367590837
Conc: 410.52 ng/ml



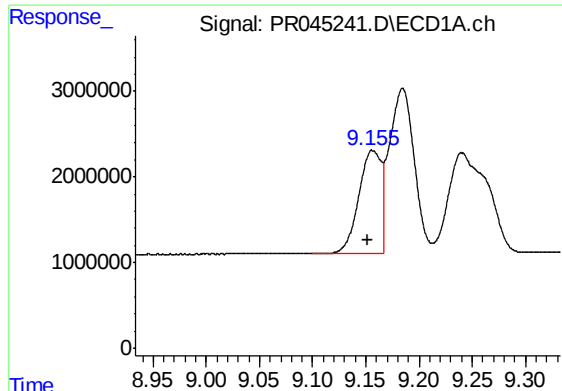
#40 AR-1262-5

R.T.: 9.991 min
Delta R.T.: 0.002 min
Response: 21881663
Conc: 326.46 ng/ml



#40 AR-1262-5

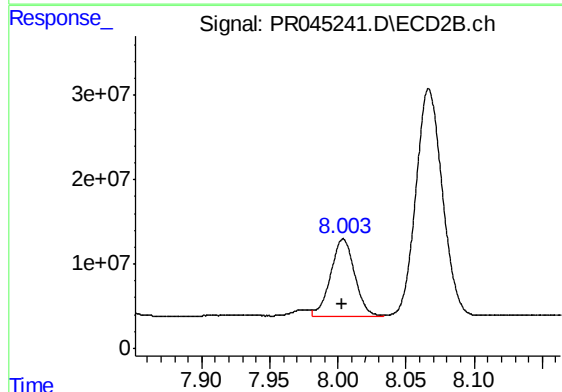
R.T.: 8.593 min
Delta R.T.: 0.000 min
Response: 130154716
Conc: 310.34 ng/ml



#41 AR-1268-1

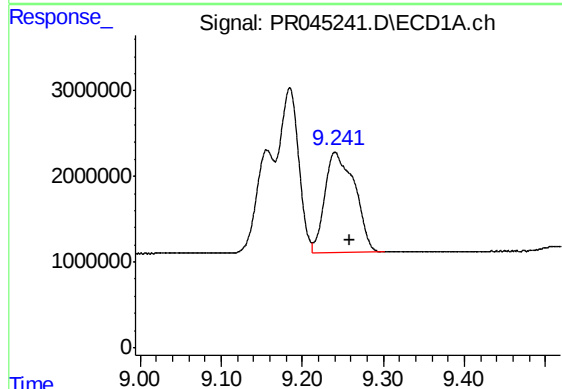
R.T.: 9.156 min
Delta R.T.: 0.004 min
Response: 17461685
Conc: 81.44 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660383



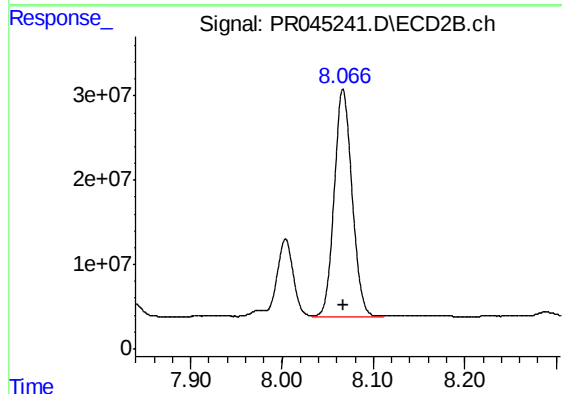
#41 AR-1268-1

R.T.: 8.004 min
Delta R.T.: 0.000 min
Response: 113790038
Conc: 81.17 ng/ml



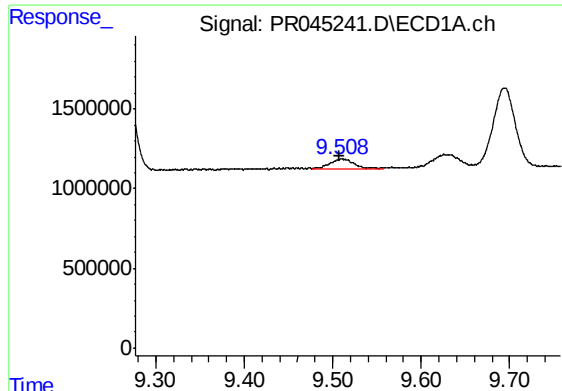
#42 AR-1268-2

R.T.: 9.241 min
Delta R.T.: -0.017 min
Response: 29867041
Conc: 150.18 ng/ml



#42 AR-1268-2

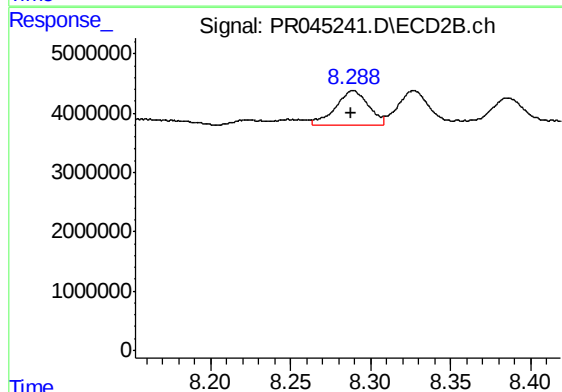
R.T.: 8.067 min
Delta R.T.: 0.000 min
Response: 367590837
Conc: 279.61 ng/ml



#43 AR-1268-3

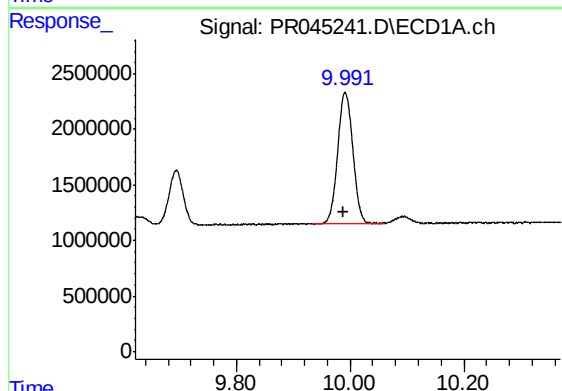
R.T.: 9.510 min
Delta R.T.: 0.003 min
Response: 1144773
Conc: 6.84 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660383



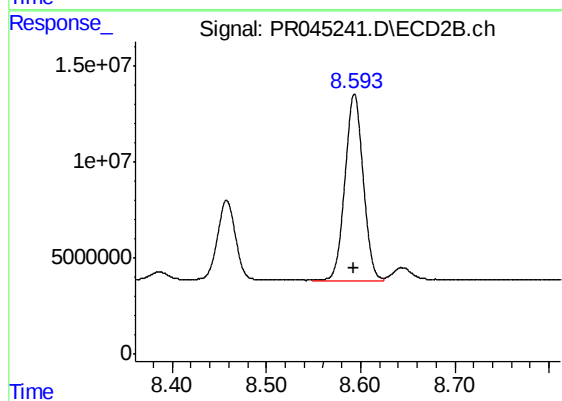
#43 AR-1268-3

R.T.: 8.289 min
Delta R.T.: 0.000 min
Response: 8554750
Conc: 7.95 ng/ml



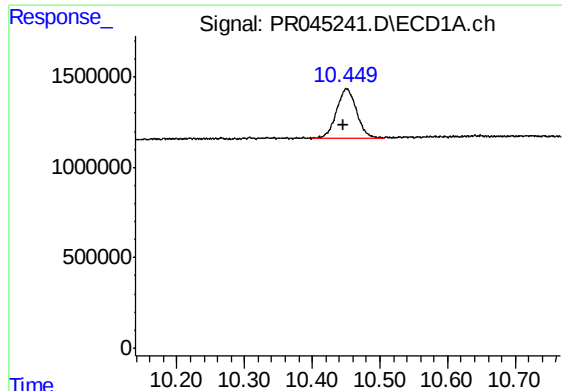
#44 AR-1268-4

R.T.: 9.991 min
Delta R.T.: 0.004 min
Response: 21881663
Conc: 290.15 ng/ml



#44 AR-1268-4

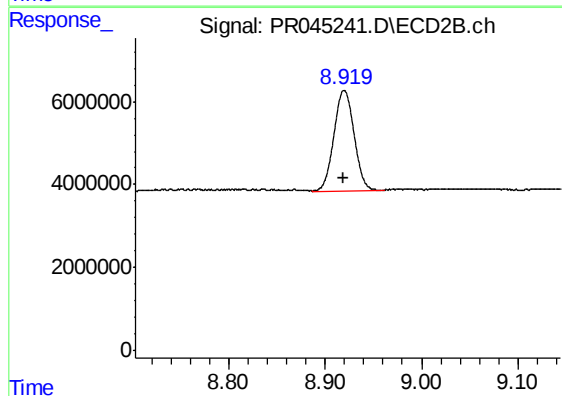
R.T.: 8.593 min
Delta R.T.: 0.001 min
Response: 130154716
Conc: 274.38 ng/ml



#45 AR-1268-5

R.T.: 10.451 min
Delta R.T.: 0.004 min
Response: 5603163
Conc: 9.88 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660383



#45 AR-1268-5

R.T.: 8.920 min
Delta R.T.: 0.000 min
Response: 35060861
Conc: 10.49 ng/ml