

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0060319\
 Data File : P0056751.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 03 Jun 2019 8:22
 Operator : SM/SJ
 Sample : K3104-10
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :
 RBR-251-688

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 03 09:21:39 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\P0052319.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri May 24 00:11:05 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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...	4.258	3.570	775691	640734	20.262	19.429
2)	SA Decachlor...	9.837	8.507	934284	616335	19.034	17.285
Target Compounds							
3)	L1 AR-1016-1	5.442	4.640	1307775	184641	727.099	146.717 #
4)	L1 AR-1016-2	5.442	4.658	1307775	552153	520.803	306.475 #
5)	L1 AR-1016-3	5.507	4.832	114871	322360	71.468	326.955 #
6)	L1 AR-1016-4	5.600	4.873	467140	419800	356.107	507.102 #
7)	L1 AR-1016-5	5.892	5.084	1160227	776736	839.765	724.080
8)	L2 AR-1221-1	0.000	3.732	0	24260	N.D.	47.836 #
12)	L3 AR-1232-2	5.154	4.658	100012	552153	150.838	568.130 #
13)	L3 AR-1232-3	5.442	4.832	1307775	322360	921.845	616.023 #
14)	L3 AR-1232-4	5.600	4.914	467140	591883	663.620	1201.336 #
15)	L3 AR-1232-5	5.690	5.084	676487	776736	1196.500	1379.013
16)	L4 AR-1242-1	5.442	4.640	1307775	184641	758.046	149.075 #
17)	L4 AR-1242-2	5.442	4.658	1307775	552153	515.121	307.021 #
18)	L4 AR-1242-3	5.507	4.832	114871	322360	70.645	327.900 #
19)	L4 AR-1242-4	5.600	4.914	467140	591883	349.467	608.246 #
20)	L4 AR-1242-5	6.331	5.432	3061875	1681293	1855.607	1422.087
21)	L5 AR-1248-1	5.442	4.640	1307775	184641	1014.948	197.157 #
22)	L5 AR-1248-2	5.690	4.873	676487	419800	363.138	330.435
23)	L5 AR-1248-3	5.892	4.914	1160227	591883	565.591	453.237
24)	L5 AR-1248-4	6.294	5.084	2527559	776736	1092.439	490.479 #
25)	L5 AR-1248-5	6.331	5.472	3061875	2347487	1392.151	1418.360
26)	L6 AR-1254-1	6.267	5.432	2248284	1681293	816.746	635.715
27)	L6 AR-1254-2	6.488	5.577	2665443	352090	686.245	163.322 #
28)	L6 AR-1254-3	6.849	5.978	1417226	837311	343.704	228.707 #
29)	L6 AR-1254-4	7.132	6.205	970832	747957	322.553	340.455
30)	L6 AR-1254-5	7.548	6.619	163847	149484	43.511	47.152
31)	L7 AR-1260-1	7.007	6.122	75403	335052	29.384	167.494 #
32)	L7 AR-1260-2	7.257	6.287	255434	323298	84.464	131.158 #
33)	L7 AR-1260-3	0.000	6.444	0	64494	N.D.	28.750 #
34)	L7 AR-1260-4	7.839	6.913	131649	45959	50.263	24.696 #
35)	L7 AR-1260-5	8.153	7.153	112317	125650	23.487	29.137
36)	L8 AR-1262-1	0.000	6.659	0	88663	N.D.	21.241 #
37)	L8 AR-1262-2	8.153	7.153	112317	125650	14.732	18.288
38)	L8 AR-1262-3	8.462	7.432	83866	40571	16.025	13.737
39)	L8 AR-1262-4	8.462	7.495	83866	320299	19.645	61.471 #
40)	L8 AR-1262-5	9.148	7.990	58098	35481	21.144	15.280 #
41)	L9 AR-1268-1	8.462	7.432	83866	40571	10.306	5.435 #
42)	L9 AR-1268-2	0.000	7.495	0	320299	N.D.	45.868 #
44)	L9 AR-1268-4	9.148	7.990	58098	35481	21.304	15.200 #
45)	L9 AR-1268-5	0.000	8.269	0	16651	N.D.	0.962 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0060319\
Data File : P0056751.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 03 Jun 2019 8:22
Operator : SM/SJ
Sample : K3104-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
RBR-251-688

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 03 09:21:39 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0052319.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri May 24 00:11:05 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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

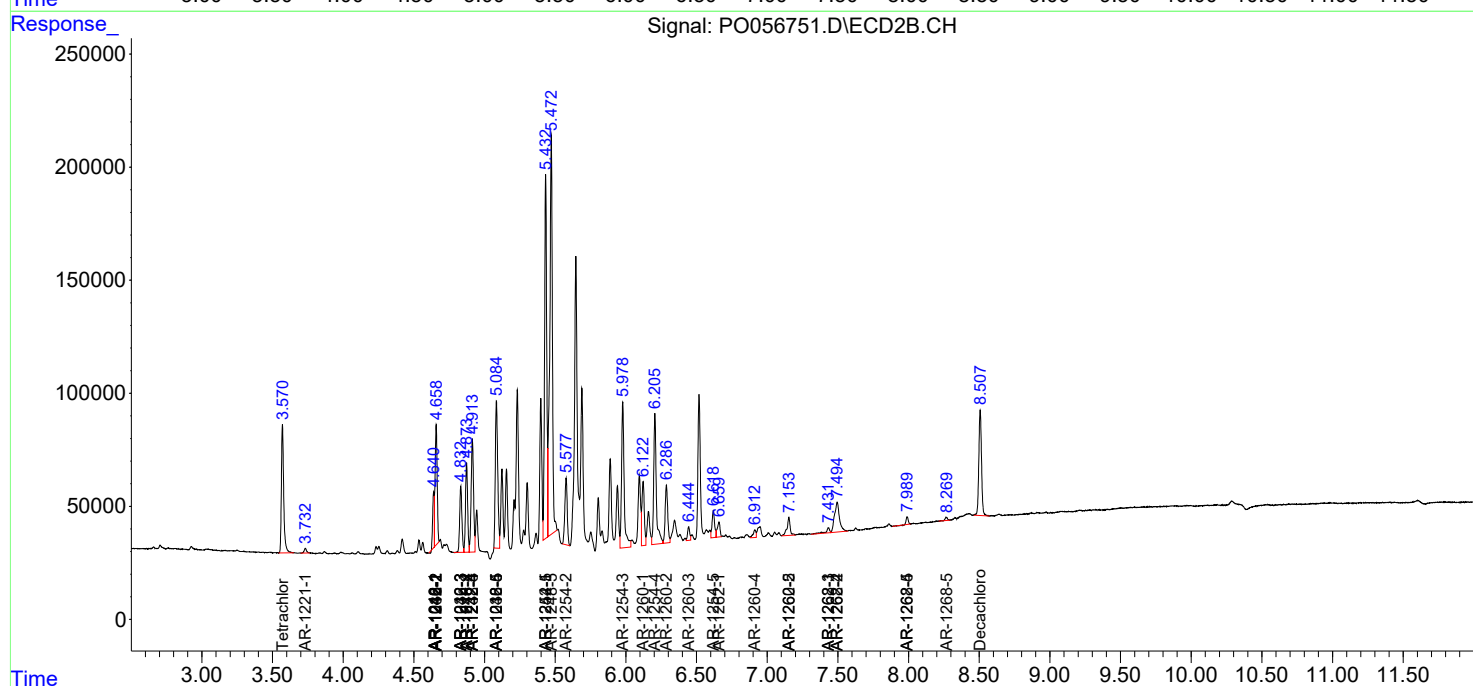
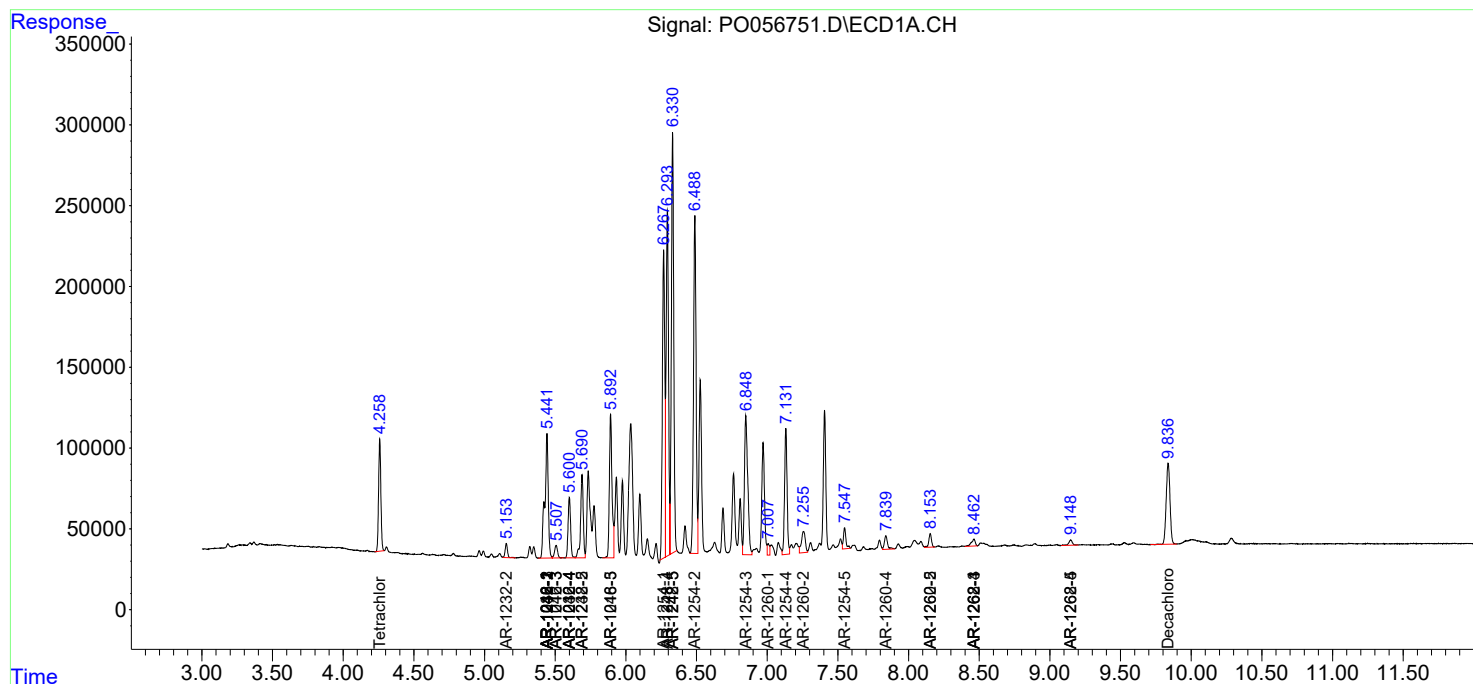
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

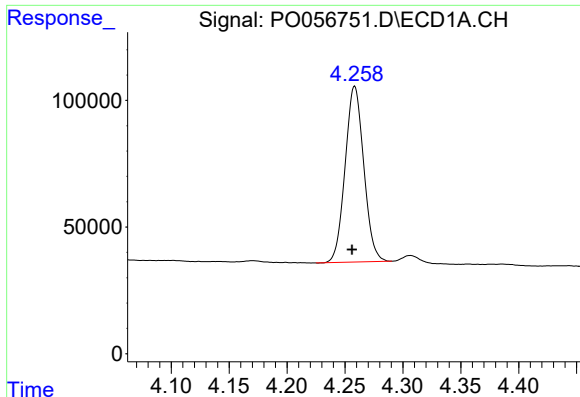
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0060319\
Data File : P0056751.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 03 Jun 2019 8:22
Operator : SM/SJ
Sample : K3104-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 03 09:21:39 2019
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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

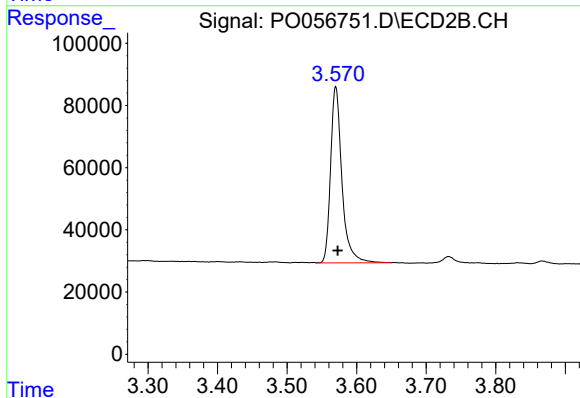




#1 Tetrachloro-m-xylene

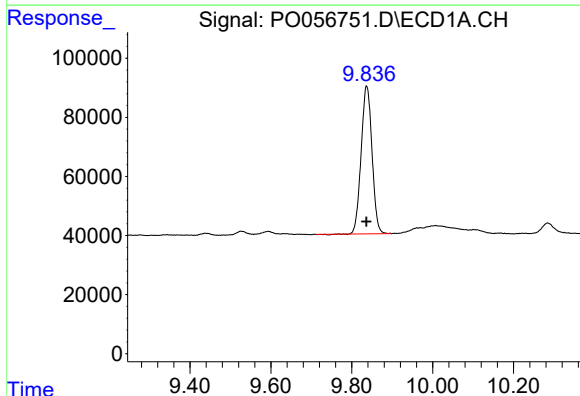
R.T.: 4.258 min
Delta R.T.: 0.002 min
Response: 775691
Conc: 20.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
RBR-251-688



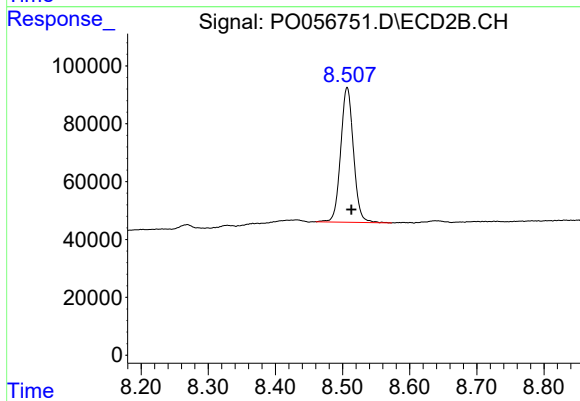
#1 Tetrachloro-m-xylene

R.T.: 3.570 min
Delta R.T.: -0.003 min
Response: 640734
Conc: 19.43 ng/ml



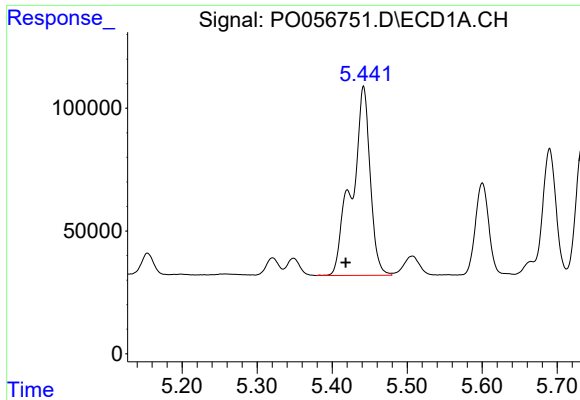
#2 Decachlorobiphenyl

R.T.: 9.837 min
Delta R.T.: 0.000 min
Response: 934284
Conc: 19.03 ng/ml



#2 Decachlorobiphenyl

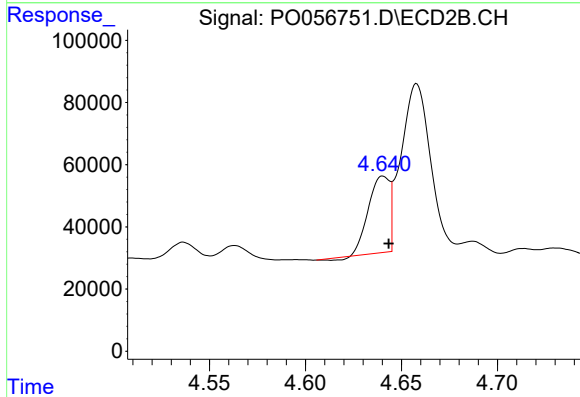
R.T.: 8.507 min
Delta R.T.: -0.006 min
Response: 616335
Conc: 17.29 ng/ml



#3 AR-1016-1

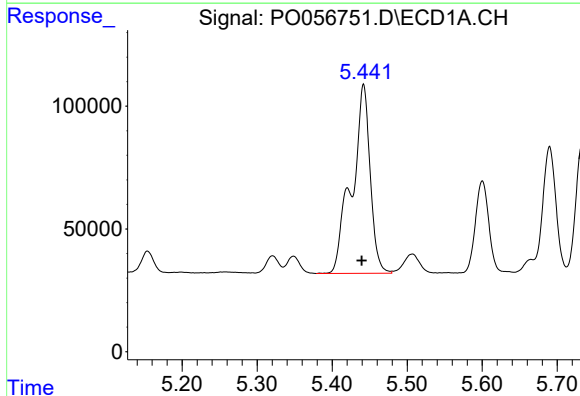
R.T.: 5.442 min
Delta R.T.: 0.024 min
Response: 1307775
Conc: 727.10 ng/ml

Instrument :
ECD_O
ClientSampleId :
RBR-251-688



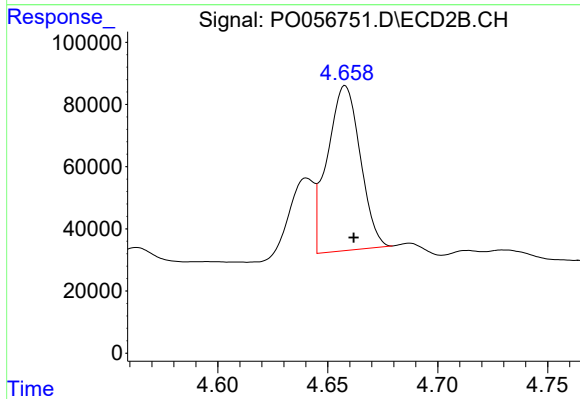
#3 AR-1016-1

R.T.: 4.640 min
Delta R.T.: -0.003 min
Response: 184641
Conc: 146.72 ng/ml



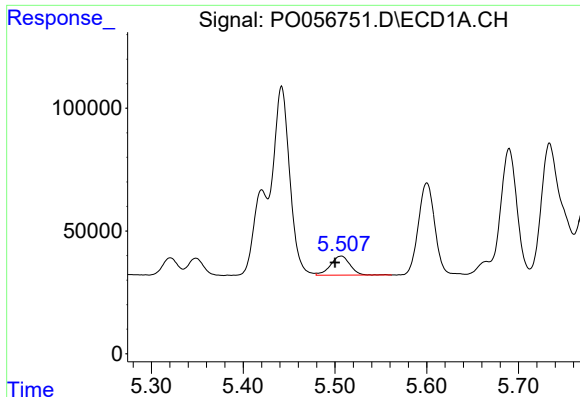
#4 AR-1016-2

R.T.: 5.442 min
Delta R.T.: 0.002 min
Response: 1307775
Conc: 520.80 ng/ml



#4 AR-1016-2

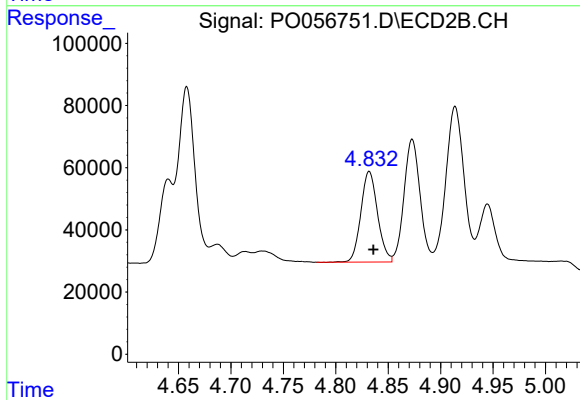
R.T.: 4.658 min
Delta R.T.: -0.004 min
Response: 552153
Conc: 306.48 ng/ml



#5 AR-1016-3

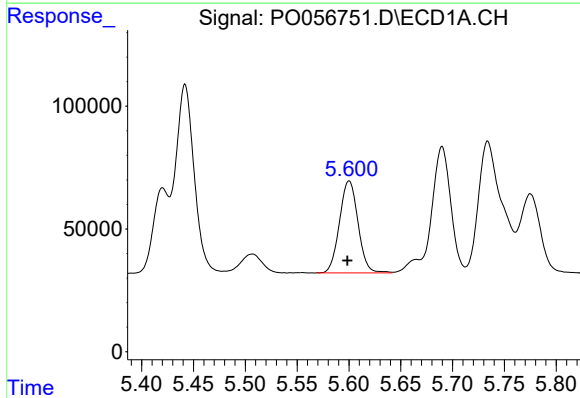
R.T.: 5.507 min
Delta R.T.: 0.006 min
Response: 114871
Conc: 71.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
RBR-251-688



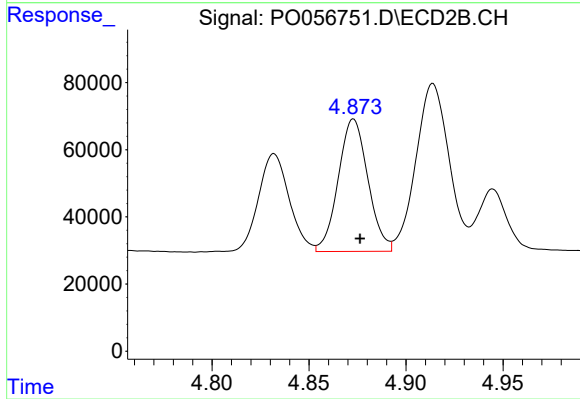
#5 AR-1016-3

R.T.: 4.832 min
Delta R.T.: -0.004 min
Response: 322360
Conc: 326.96 ng/ml



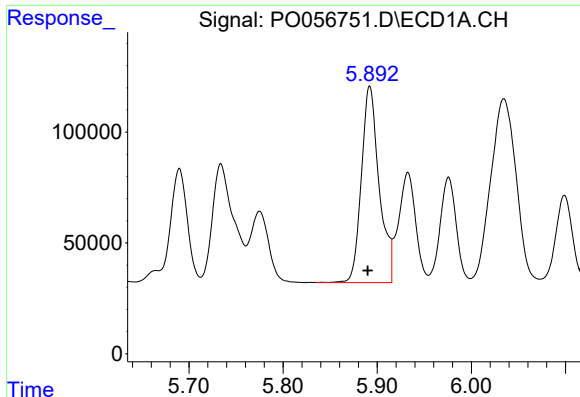
#6 AR-1016-4

R.T.: 5.600 min
Delta R.T.: 0.002 min
Response: 467140
Conc: 356.11 ng/ml



#6 AR-1016-4

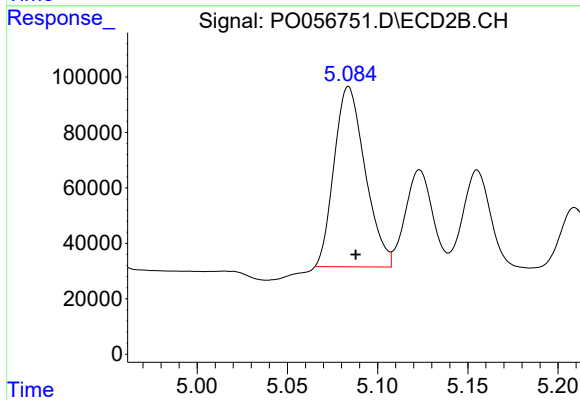
R.T.: 4.873 min
Delta R.T.: -0.003 min
Response: 419800
Conc: 507.10 ng/ml



#7 AR-1016-5

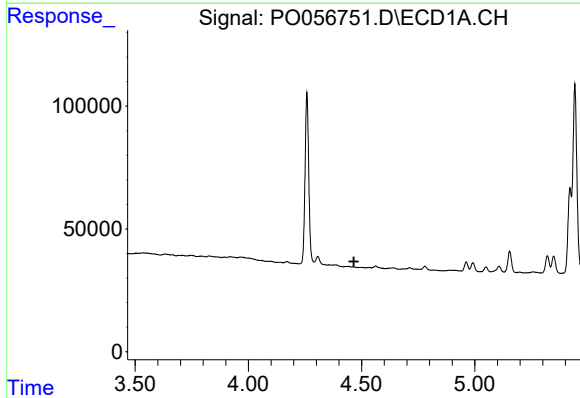
R.T.: 5.892 min
Delta R.T.: 0.002 min
Response: 1160227
Conc: 839.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
RBR-251-688



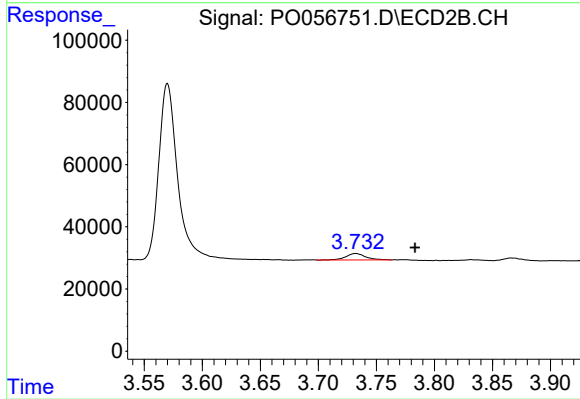
#7 AR-1016-5

R.T.: 5.084 min
Delta R.T.: -0.004 min
Response: 776736
Conc: 724.08 ng/ml



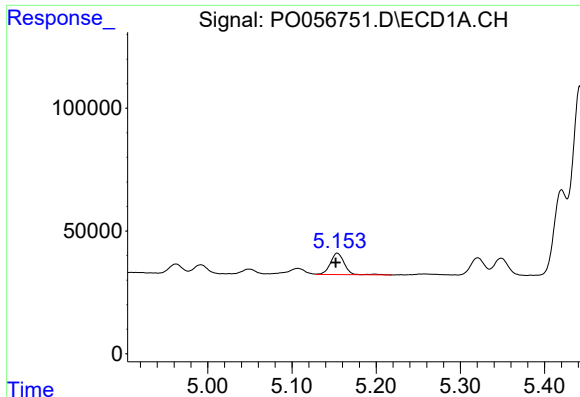
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.466 min
Response: 0
Conc: N.D.



#8 AR-1221-1

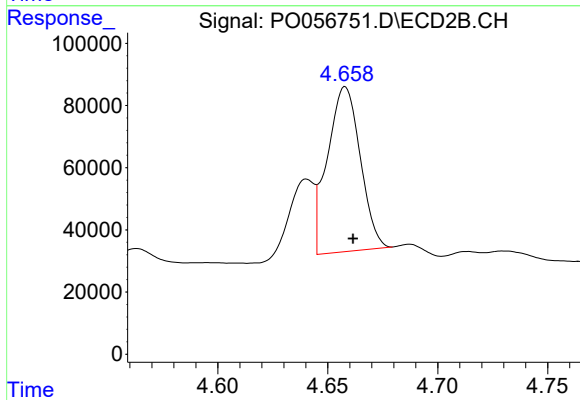
R.T.: 3.732 min
Delta R.T.: -0.051 min
Response: 24260
Conc: 47.84 ng/ml



#12 AR-1232-2

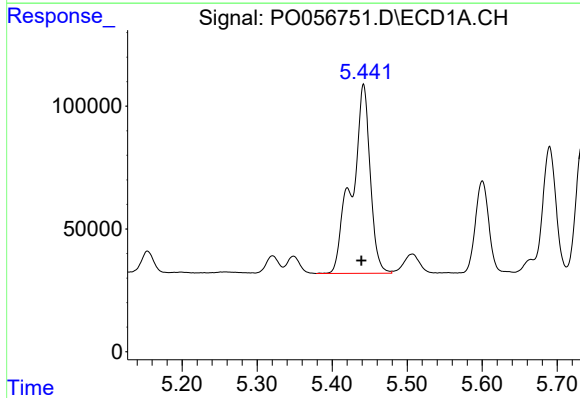
R.T.: 5.154 min
Delta R.T.: 0.002 min
Response: 100012
Conc: 150.84 ng/ml

Instrument :
ECD_O
ClientSampleId :
RBR-251-688



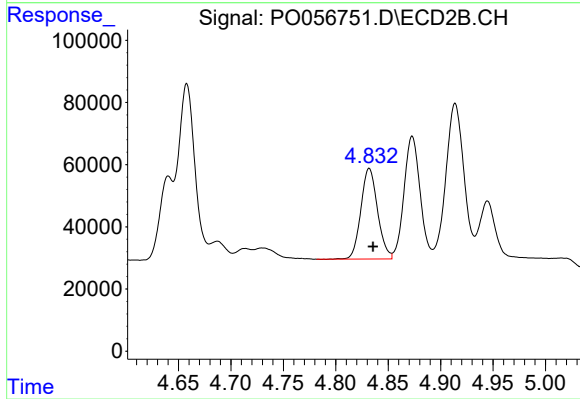
#12 AR-1232-2

R.T.: 4.658 min
Delta R.T.: -0.003 min
Response: 552153
Conc: 568.13 ng/ml



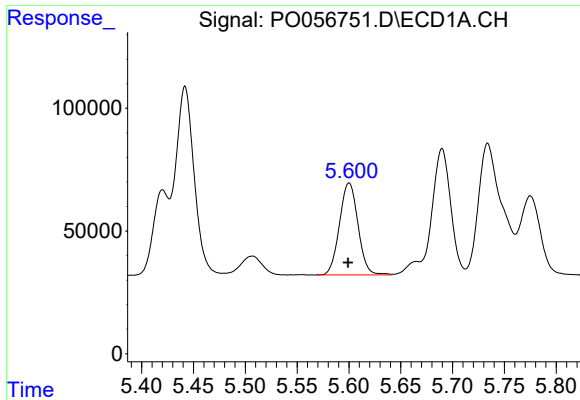
#13 AR-1232-3

R.T.: 5.442 min
Delta R.T.: 0.003 min
Response: 1307775
Conc: 921.84 ng/ml



#13 AR-1232-3

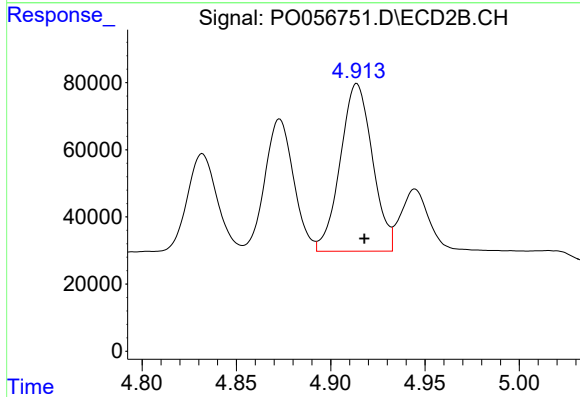
R.T.: 4.832 min
Delta R.T.: -0.004 min
Response: 322360
Conc: 616.02 ng/ml



#14 AR-1232-4

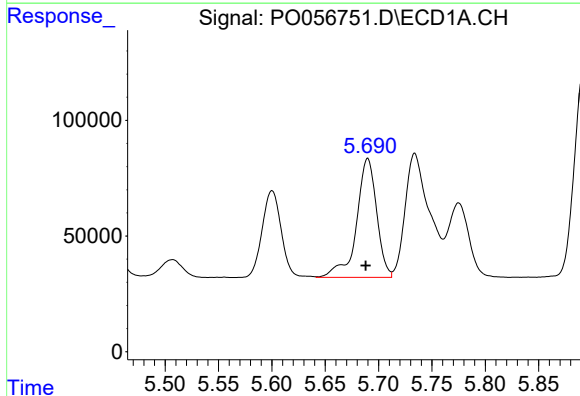
R.T.: 5.600 min
Delta R.T.: 0.000 min
Response: 467140
Conc: 663.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
RBR-251-688



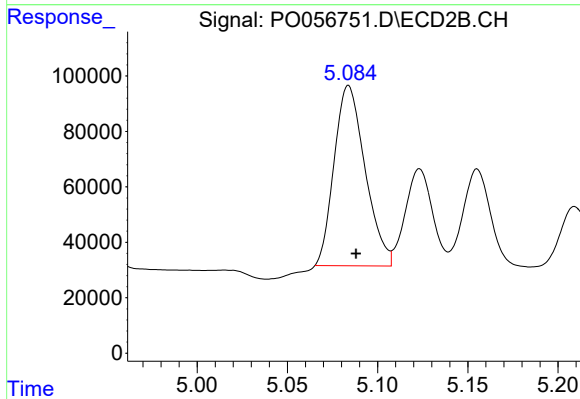
#14 AR-1232-4

R.T.: 4.914 min
Delta R.T.: -0.004 min
Response: 591883
Conc: 1201.34 ng/ml



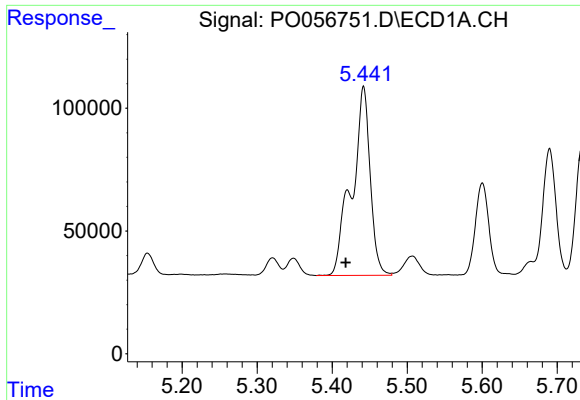
#15 AR-1232-5

R.T.: 5.690 min
Delta R.T.: 0.002 min
Response: 676487
Conc: 1196.50 ng/ml



#15 AR-1232-5

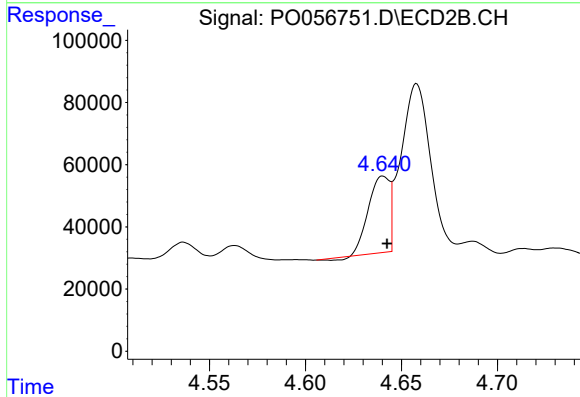
R.T.: 5.084 min
Delta R.T.: -0.004 min
Response: 776736
Conc: 1379.01 ng/ml



#16 AR-1242-1

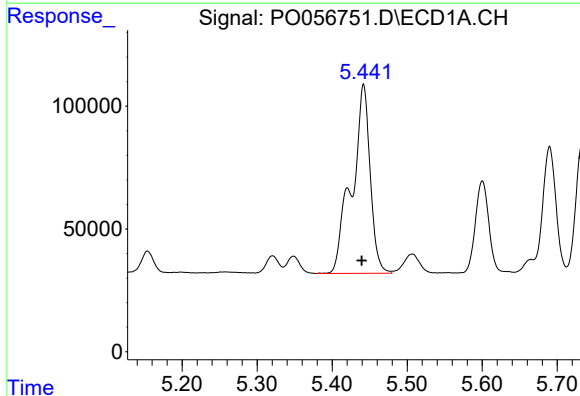
R.T.: 5.442 min
Delta R.T.: 0.024 min
Response: 1307775
Conc: 758.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
RBR-251-688



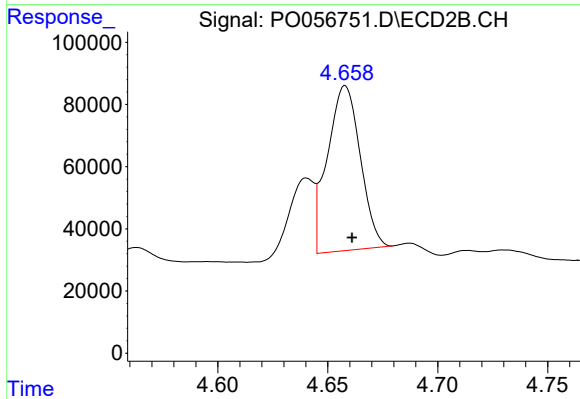
#16 AR-1242-1

R.T.: 4.640 min
Delta R.T.: -0.002 min
Response: 184641
Conc: 149.07 ng/ml



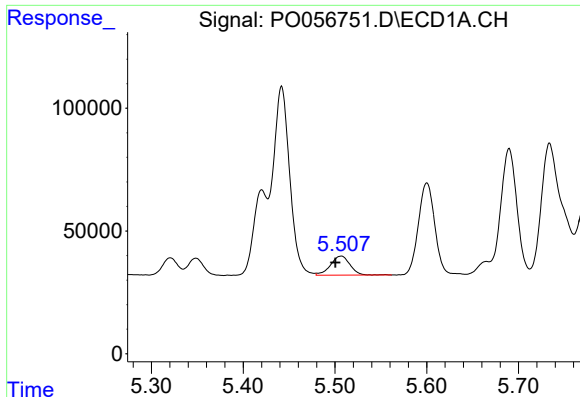
#17 AR-1242-2

R.T.: 5.442 min
Delta R.T.: 0.002 min
Response: 1307775
Conc: 515.12 ng/ml



#17 AR-1242-2

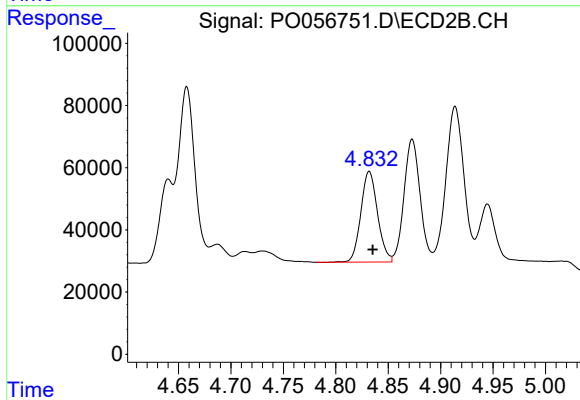
R.T.: 4.658 min
Delta R.T.: -0.003 min
Response: 552153
Conc: 307.02 ng/ml



#18 AR-1242-3

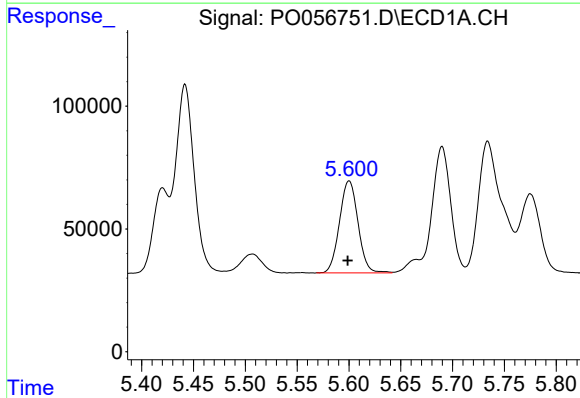
R.T.: 5.507 min
Delta R.T.: 0.006 min
Response: 114871
Conc: 70.65 ng/ml

Instrument :
ECD_O
ClientSampleId :
RBR-251-688



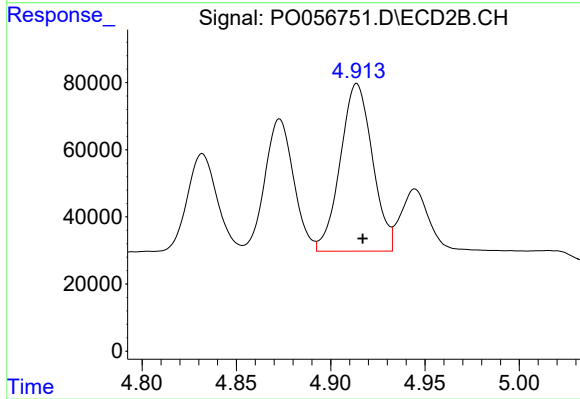
#18 AR-1242-3

R.T.: 4.832 min
Delta R.T.: -0.003 min
Response: 322360
Conc: 327.90 ng/ml



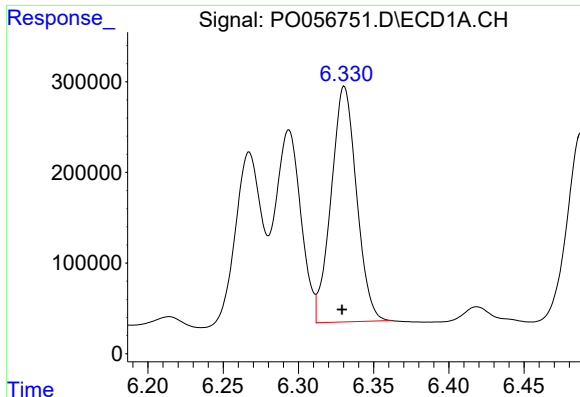
#19 AR-1242-4

R.T.: 5.600 min
Delta R.T.: 0.001 min
Response: 467140
Conc: 349.47 ng/ml



#19 AR-1242-4

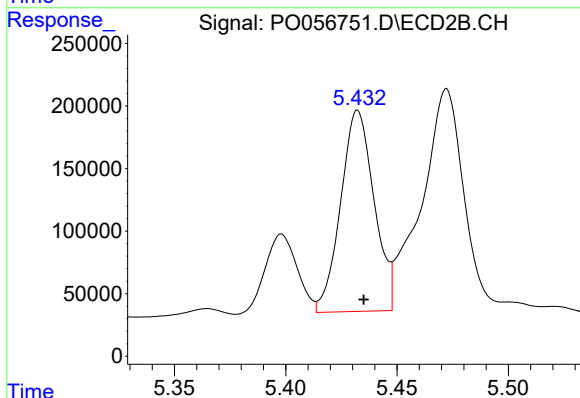
R.T.: 4.914 min
Delta R.T.: -0.003 min
Response: 591883
Conc: 608.25 ng/ml



#20 AR-1242-5

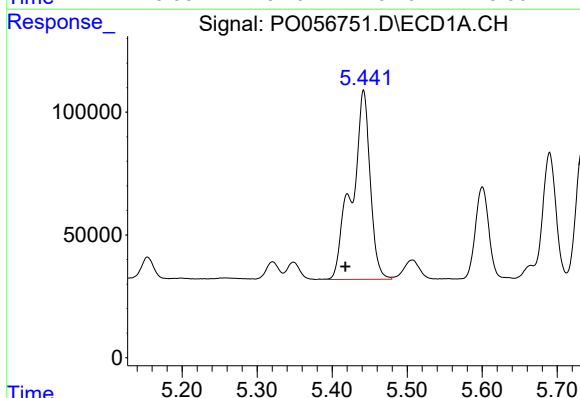
R.T.: 6.331 min
Delta R.T.: 0.002 min
Response: 3061875
Conc: 1855.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
RBR-251-688



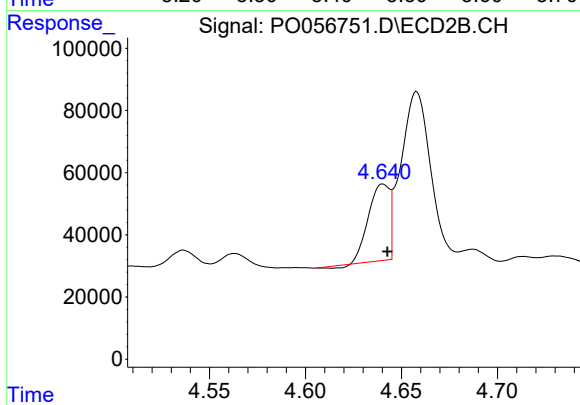
#20 AR-1242-5

R.T.: 5.432 min
Delta R.T.: -0.003 min
Response: 1681293
Conc: 1422.09 ng/ml



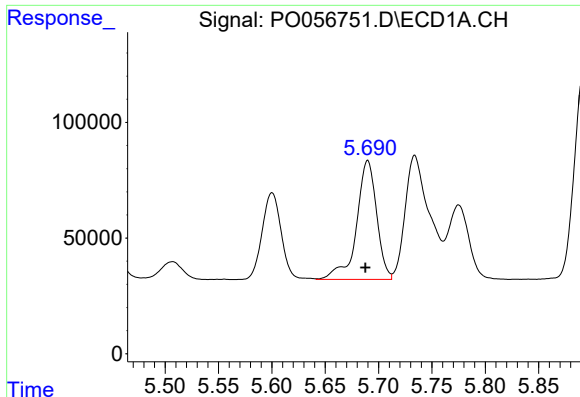
#21 AR-1248-1

R.T.: 5.442 min
Delta R.T.: 0.024 min
Response: 1307775
Conc: 1014.95 ng/ml



#21 AR-1248-1

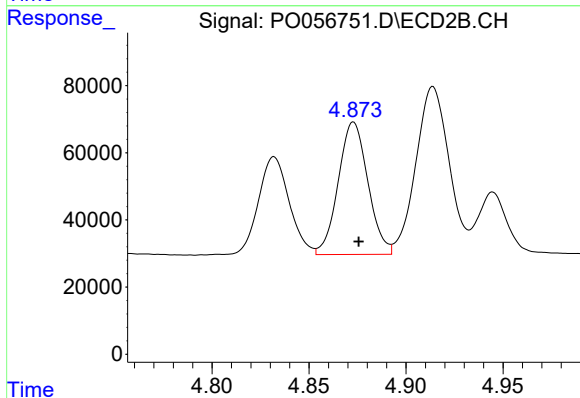
R.T.: 4.640 min
Delta R.T.: -0.002 min
Response: 184641
Conc: 197.16 ng/ml



#22 AR-1248-2

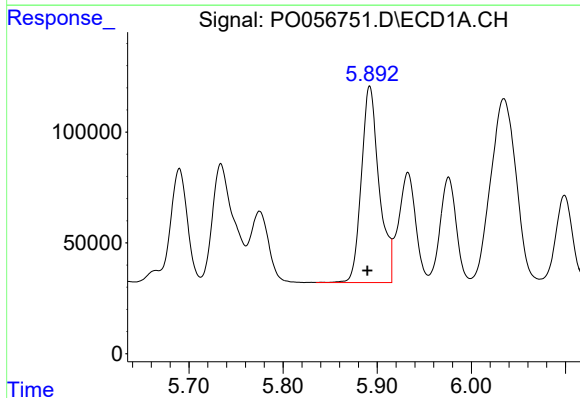
R.T.: 5.690 min
Delta R.T.: 0.002 min
Response: 676487
Conc: 363.14 ng/ml

Instrument :
ECD_O
ClientSampleId :
RBR-251-688



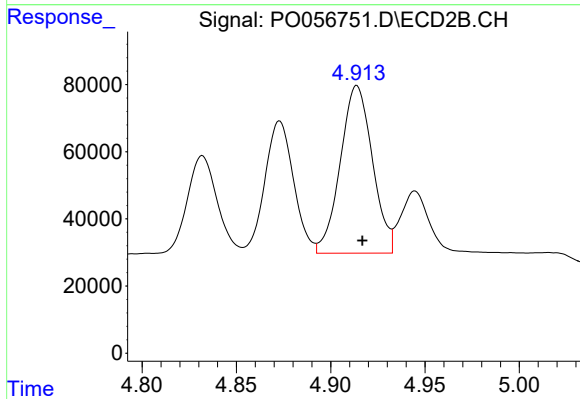
#22 AR-1248-2

R.T.: 4.873 min
Delta R.T.: -0.003 min
Response: 419800
Conc: 330.44 ng/ml



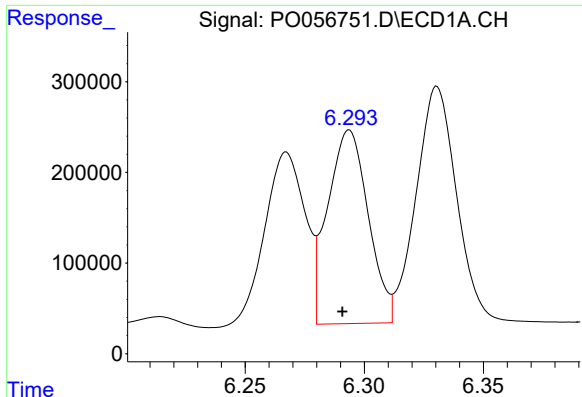
#23 AR-1248-3

R.T.: 5.892 min
Delta R.T.: 0.002 min
Response: 1160227
Conc: 565.59 ng/ml



#23 AR-1248-3

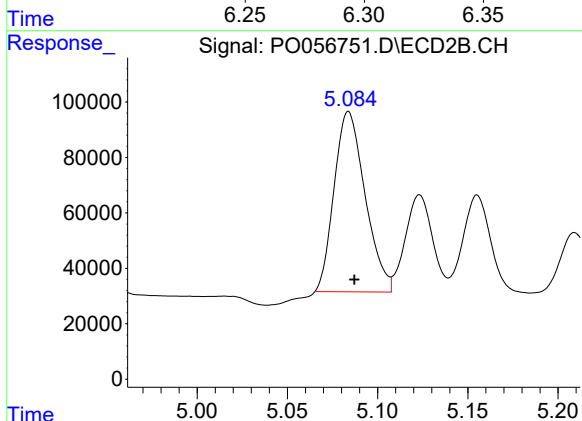
R.T.: 4.914 min
Delta R.T.: -0.003 min
Response: 591883
Conc: 453.24 ng/ml



#24 AR-1248-4

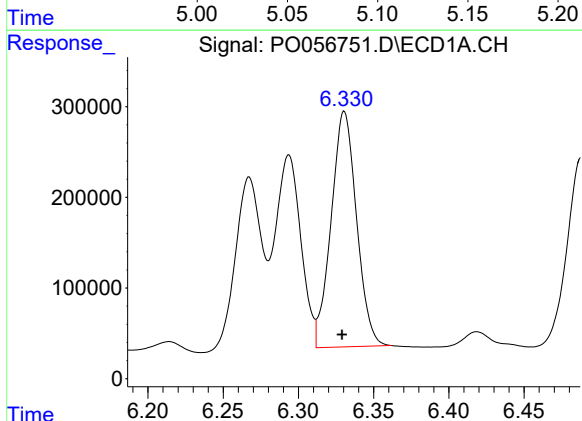
R.T.: 6.294 min
Delta R.T.: 0.003 min
Response: 2527559
Conc: 1092.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
RBR-251-688



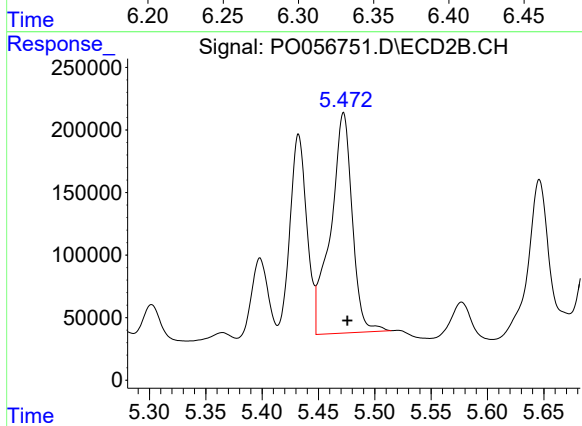
#24 AR-1248-4

R.T.: 5.084 min
Delta R.T.: -0.003 min
Response: 776736
Conc: 490.48 ng/ml



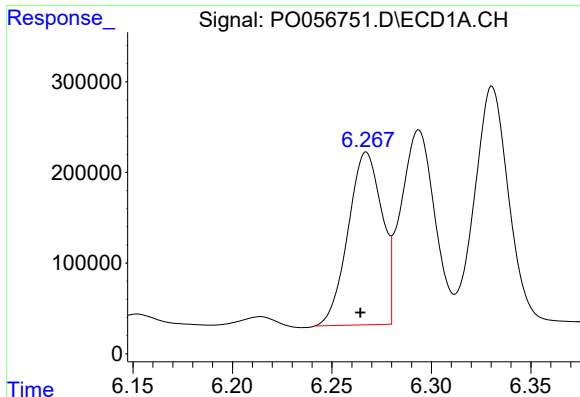
#25 AR-1248-5

R.T.: 6.331 min
Delta R.T.: 0.002 min
Response: 3061875
Conc: 1392.15 ng/ml



#25 AR-1248-5

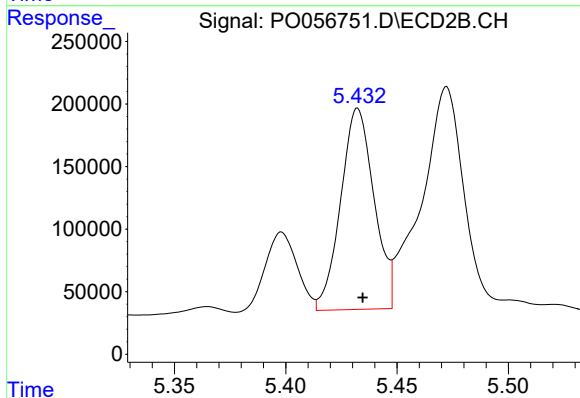
R.T.: 5.472 min
Delta R.T.: -0.003 min
Response: 2347487
Conc: 1418.36 ng/ml



#26 AR-1254-1

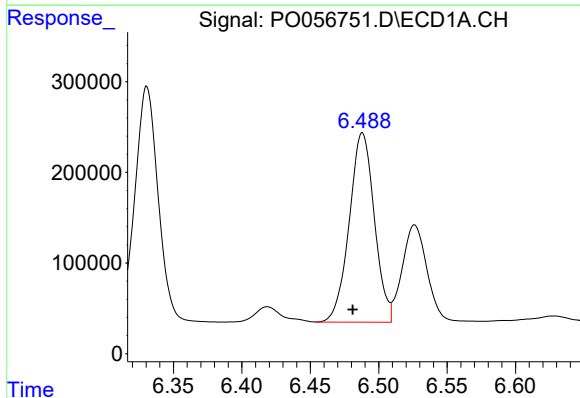
R.T.: 6.267 min
Delta R.T.: 0.003 min
Response: 2248284
Conc: 816.75 ng/ml

Instrument :
ECD_O
ClientSampleId :
RBR-251-688



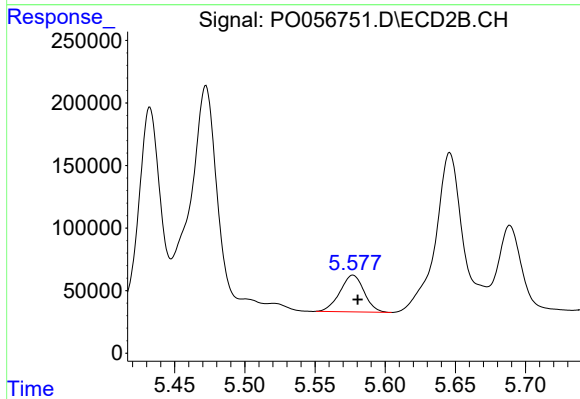
#26 AR-1254-1

R.T.: 5.432 min
Delta R.T.: -0.002 min
Response: 1681293
Conc: 635.72 ng/ml



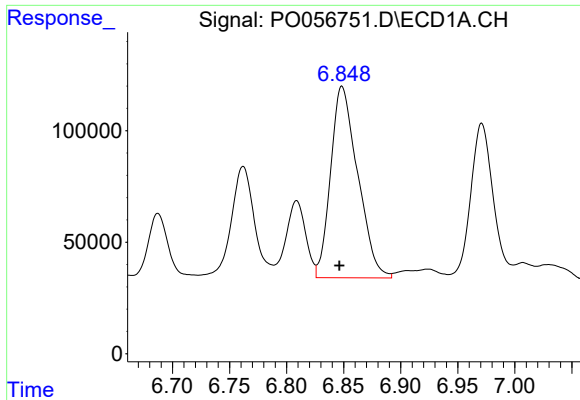
#27 AR-1254-2

R.T.: 6.488 min
Delta R.T.: 0.007 min
Response: 2665443
Conc: 686.25 ng/ml



#27 AR-1254-2

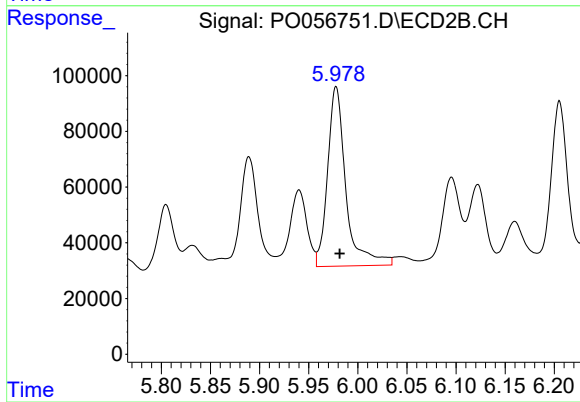
R.T.: 5.577 min
Delta R.T.: -0.003 min
Response: 352090
Conc: 163.32 ng/ml



#28 AR-1254-3

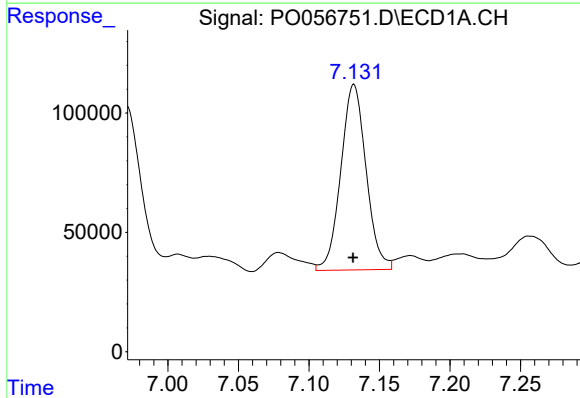
R.T.: 6.849 min
Delta R.T.: 0.003 min
Response: 1417226
Conc: 343.70 ng/ml

Instrument :
ECD_O
ClientSampleId :
RBR-251-688



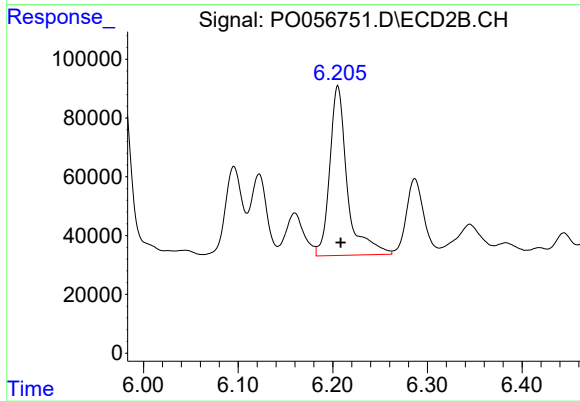
#28 AR-1254-3

R.T.: 5.978 min
Delta R.T.: -0.004 min
Response: 837311
Conc: 228.71 ng/ml



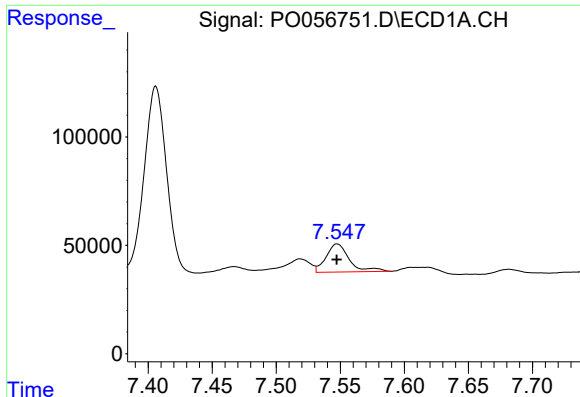
#29 AR-1254-4

R.T.: 7.132 min
Delta R.T.: 0.000 min
Response: 970832
Conc: 322.55 ng/ml



#29 AR-1254-4

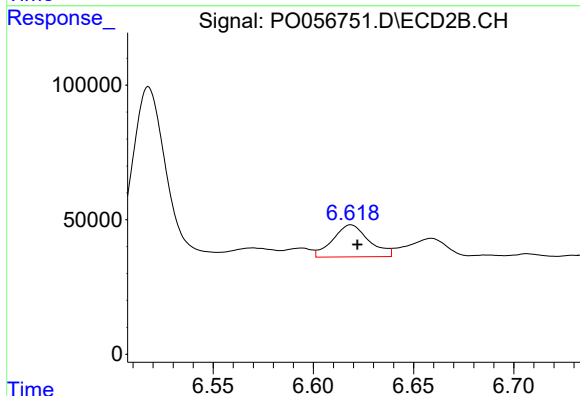
R.T.: 6.205 min
Delta R.T.: -0.003 min
Response: 747957
Conc: 340.46 ng/ml



#30 AR-1254-5

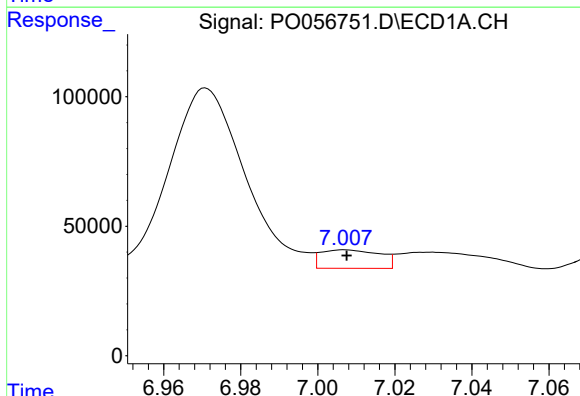
R.T.: 7.548 min
Delta R.T.: 0.000 min
Response: 163847
Conc: 43.51 ng/ml

Instrument :
ECD_O
ClientSampleId :
RBR-251-688



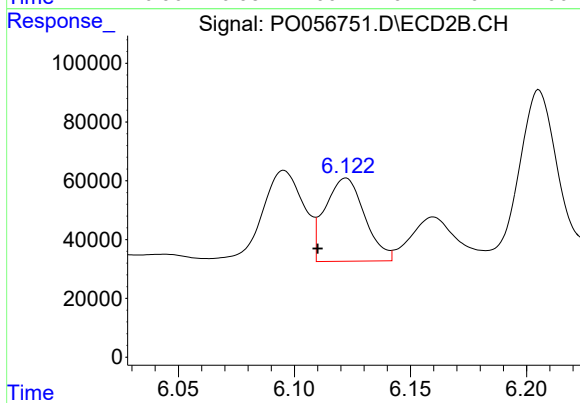
#30 AR-1254-5

R.T.: 6.619 min
Delta R.T.: -0.003 min
Response: 149484
Conc: 47.15 ng/ml



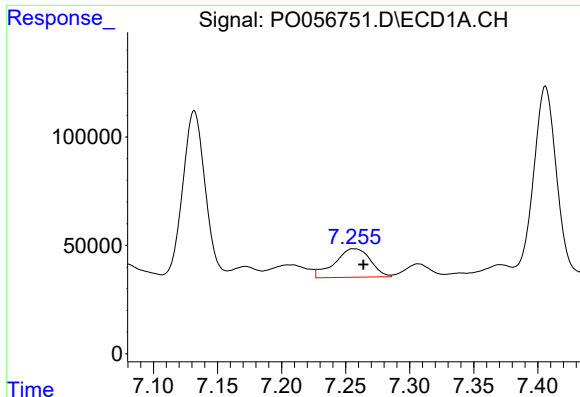
#31 AR-1260-1

R.T.: 7.007 min
Delta R.T.: 0.000 min
Response: 75403
Conc: 29.38 ng/ml



#31 AR-1260-1

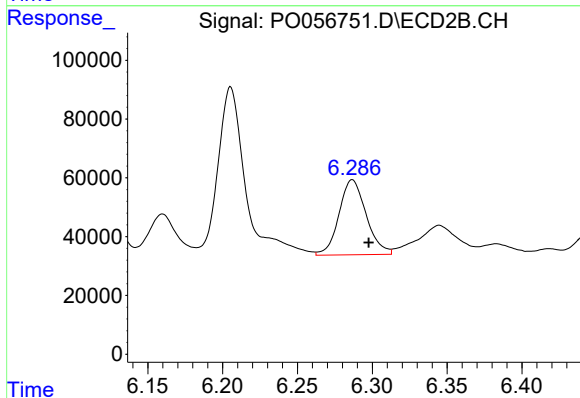
R.T.: 6.122 min
Delta R.T.: 0.012 min
Response: 335052
Conc: 167.49 ng/ml



#32 AR-1260-2

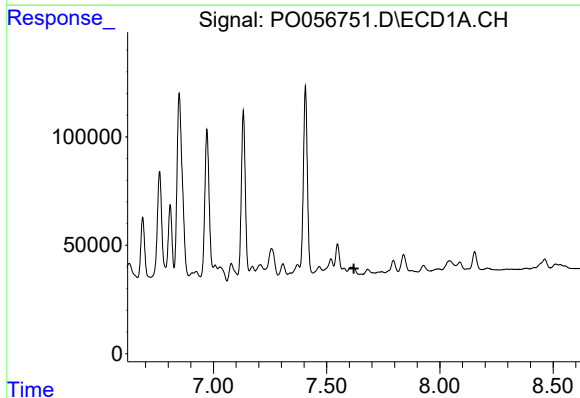
R.T.: 7.257 min
Delta R.T.: -0.007 min
Response: 255434
Conc: 84.46 ng/ml

Instrument :
ECD_O
ClientSampleId :
RBR-251-688



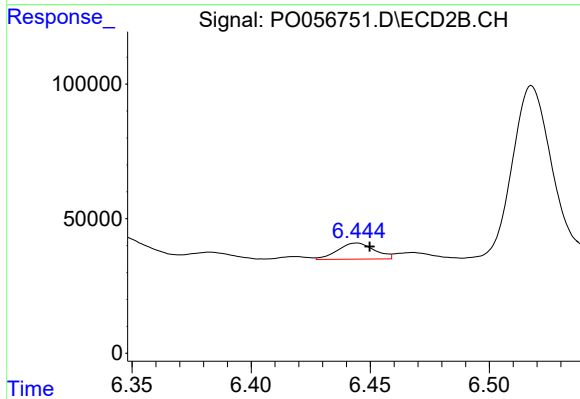
#32 AR-1260-2

R.T.: 6.287 min
Delta R.T.: -0.011 min
Response: 323298
Conc: 131.16 ng/ml



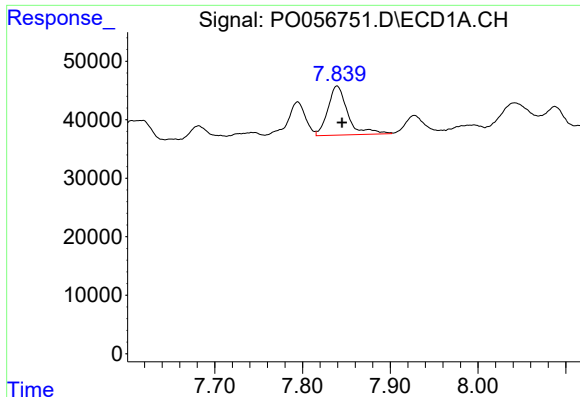
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 7.620 min
Response: 0
Conc: N.D.



#33 AR-1260-3

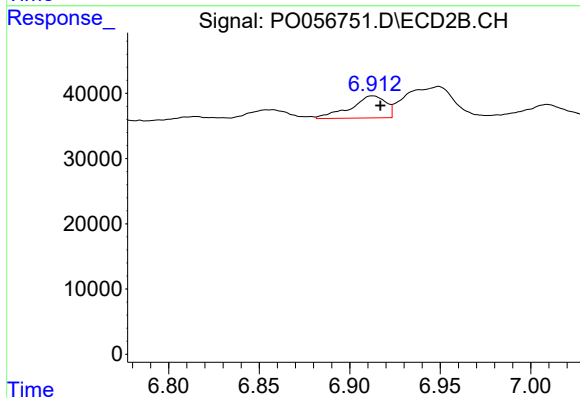
R.T.: 6.444 min
Delta R.T.: -0.006 min
Response: 64494
Conc: 28.75 ng/ml



#34 AR-1260-4

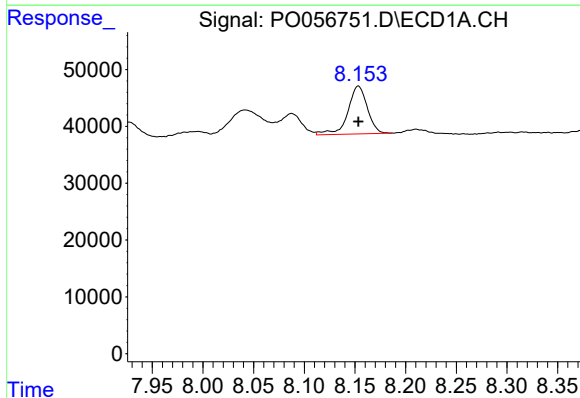
R.T.: 7.839 min
Delta R.T.: -0.006 min
Response: 131649
Conc: 50.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
RBR-251-688



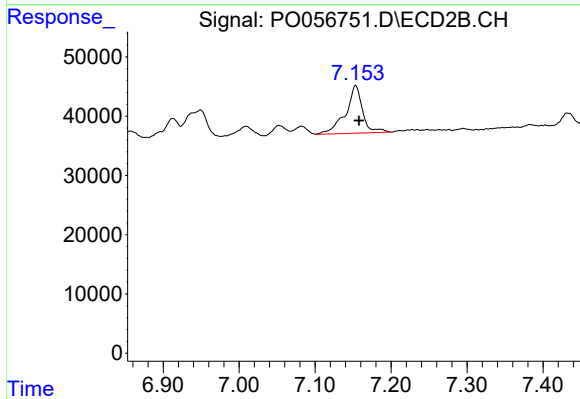
#34 AR-1260-4

R.T.: 6.913 min
Delta R.T.: -0.004 min
Response: 45959
Conc: 24.70 ng/ml



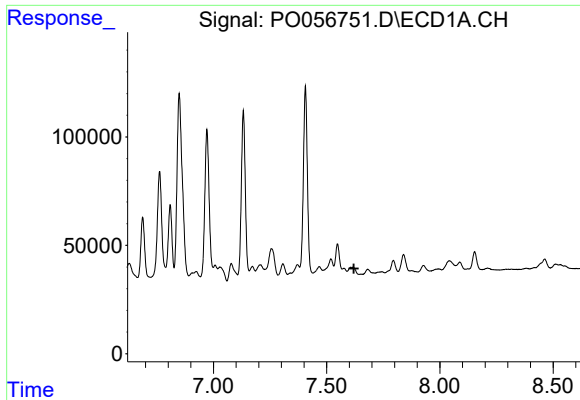
#35 AR-1260-5

R.T.: 8.153 min
Delta R.T.: 0.000 min
Response: 112317
Conc: 23.49 ng/ml



#35 AR-1260-5

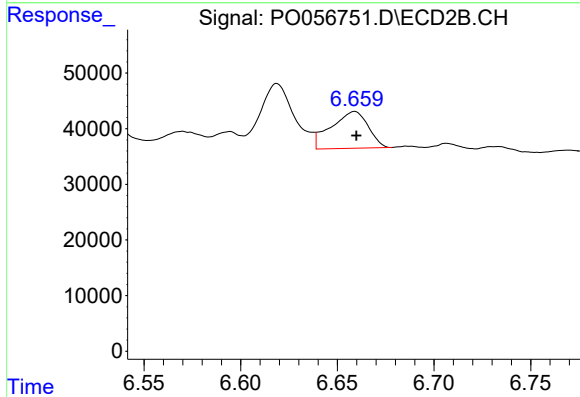
R.T.: 7.153 min
Delta R.T.: -0.005 min
Response: 125650
Conc: 29.14 ng/ml



#36 AR-1262-1

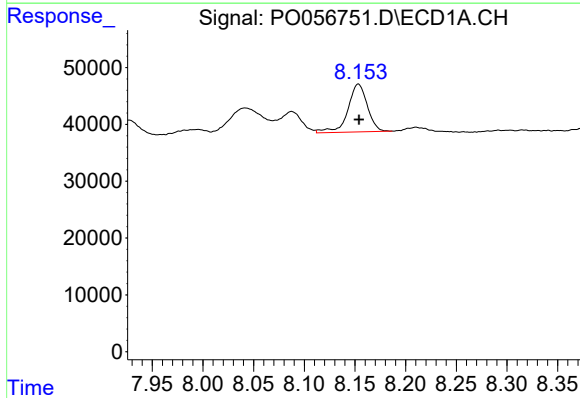
R.T.: 0.000 min
Exp R.T.: 7.620 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
RBR-251-688



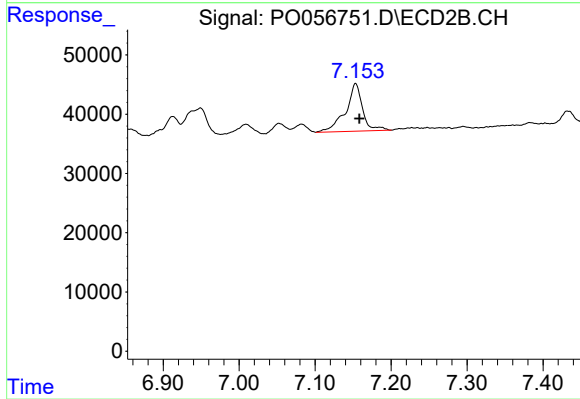
#36 AR-1262-1

R.T.: 6.659 min
Delta R.T.: 0.000 min
Response: 88663
Conc: 21.24 ng/ml



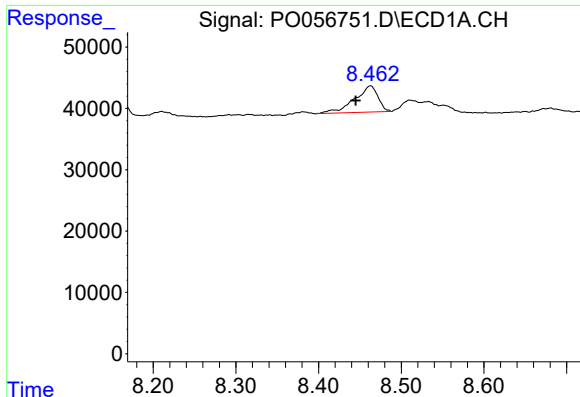
#37 AR-1262-2

R.T.: 8.153 min
Delta R.T.: 0.000 min
Response: 112317
Conc: 14.73 ng/ml



#37 AR-1262-2

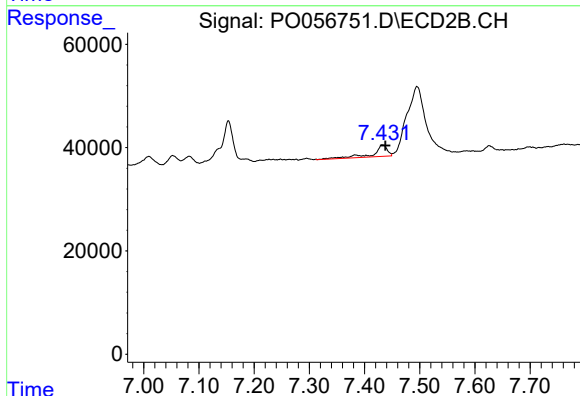
R.T.: 7.153 min
Delta R.T.: -0.005 min
Response: 125650
Conc: 18.29 ng/ml



#38 AR-1262-3

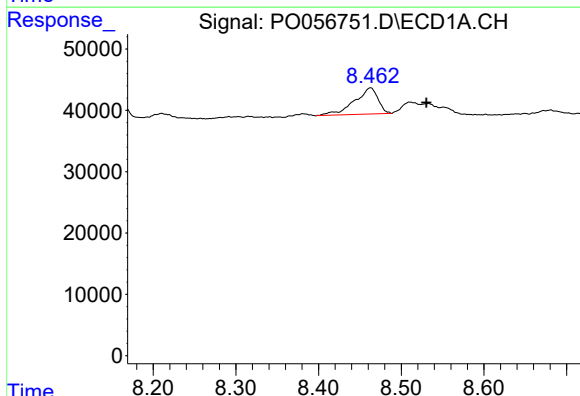
R.T.: 8.462 min
Delta R.T.: 0.018 min
Response: 83866
Conc: 16.02 ng/ml

Instrument :
ECD_O
ClientSampleId :
RBR-251-688



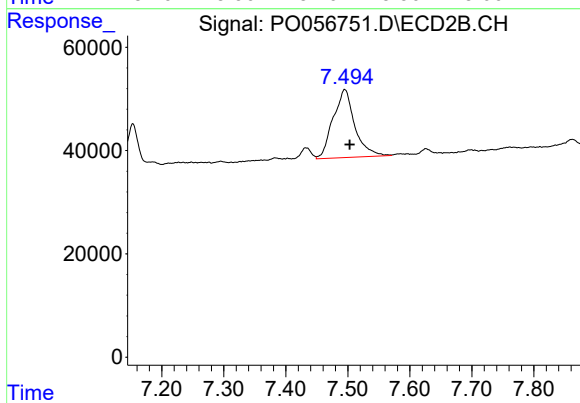
#38 AR-1262-3

R.T.: 7.432 min
Delta R.T.: -0.006 min
Response: 40571
Conc: 13.74 ng/ml



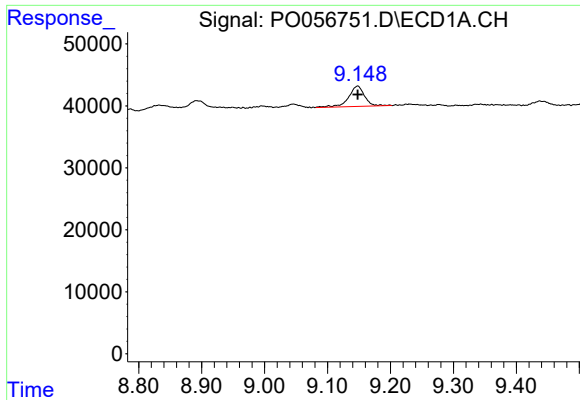
#39 AR-1262-4

R.T.: 8.462 min
Delta R.T.: -0.068 min
Response: 83866
Conc: 19.65 ng/ml



#39 AR-1262-4

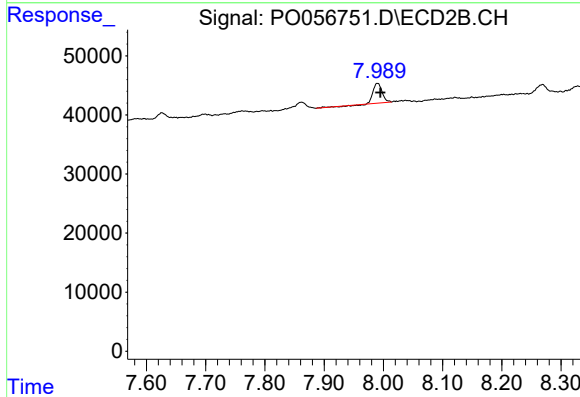
R.T.: 7.495 min
Delta R.T.: -0.008 min
Response: 320299
Conc: 61.47 ng/ml



#40 AR-1262-5

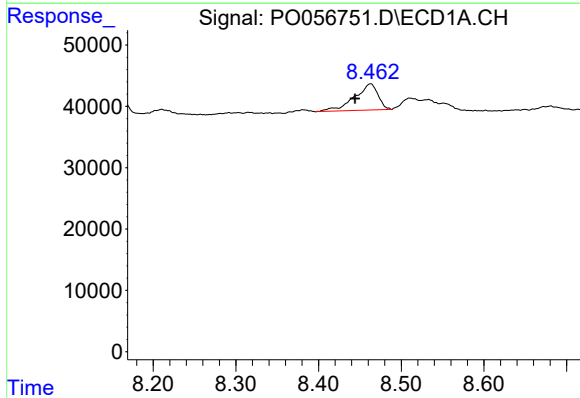
R.T.: 9.148 min
Delta R.T.: 0.000 min
Response: 58098
Conc: 21.14 ng/ml

Instrument :
ECD_O
ClientSampleId :
RBR-251-688



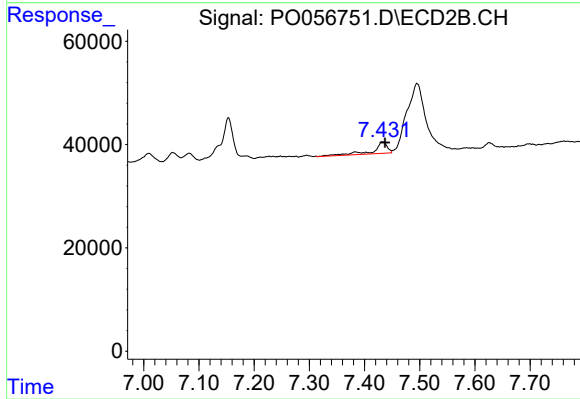
#40 AR-1262-5

R.T.: 7.990 min
Delta R.T.: -0.005 min
Response: 35481
Conc: 15.28 ng/ml



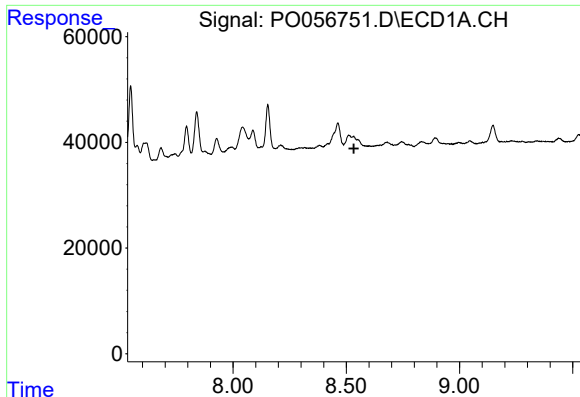
#41 AR-1268-1

R.T.: 8.462 min
Delta R.T.: 0.018 min
Response: 83866
Conc: 10.31 ng/ml



#41 AR-1268-1

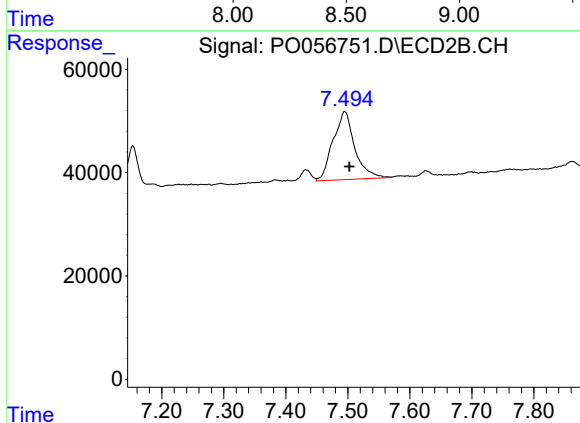
R.T.: 7.432 min
Delta R.T.: -0.005 min
Response: 40571
Conc: 5.43 ng/ml



#42 AR-1268-2

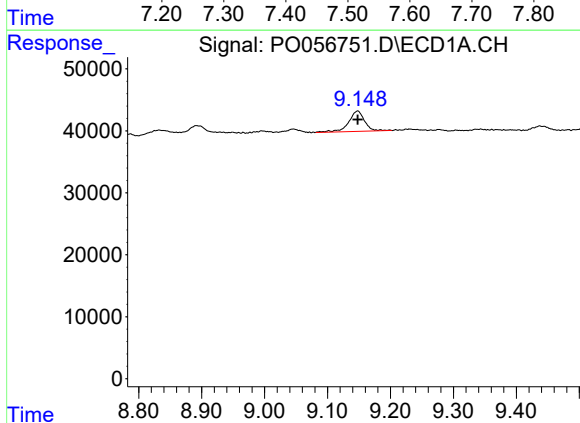
R.T.: 0.000 min
Exp R.T.: 8.534 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
RBR-251-688



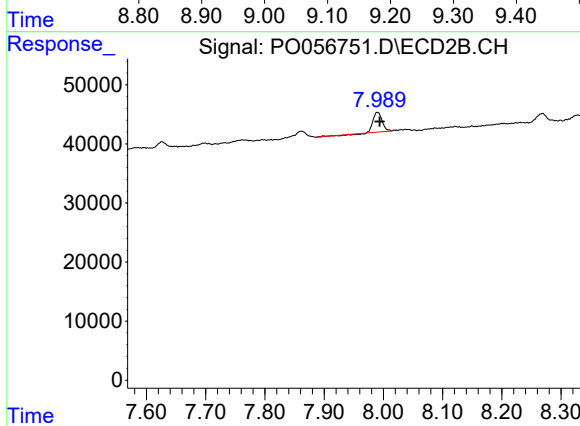
#42 AR-1268-2

R.T.: 7.495 min
Delta R.T.: -0.008 min
Response: 320299
Conc: 45.87 ng/ml



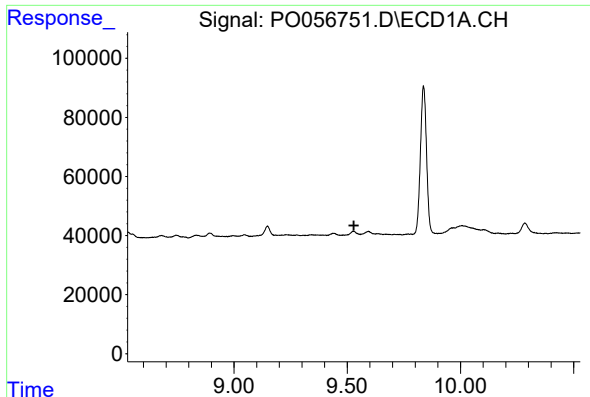
#44 AR-1268-4

R.T.: 9.148 min
Delta R.T.: 0.000 min
Response: 58098
Conc: 21.30 ng/ml



#44 AR-1268-4

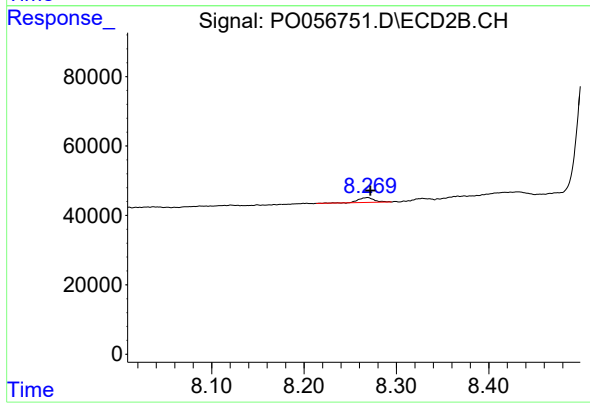
R.T.: 7.990 min
Delta R.T.: -0.004 min
Response: 35481
Conc: 15.20 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.529 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
RBR-251-688



#45 AR-1268-5

R.T.: 8.269 min
Delta R.T.: -0.003 min
Response: 16651
Conc: 0.96 ng/ml