

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0082919\
 Data File : P0060031.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 29 Aug 2019 19:20
 Operator : SM/AJ
 Sample : K4592-03
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 GW-5

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 30 01:07:45 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\P0081719.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 28 13:30:59 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...	4.126	3.499	738510	628568	21.093	17.462
2)	SA Decachlor...	9.589	8.357	688897	506108	12.949	12.552
Target Compounds							
3)	L1 AR-1016-1	5.286	4.570	89052	43645	55.523	32.283 #
4)	L1 AR-1016-2	5.286	4.570	89052	43645	37.221	21.790 #
5)	L1 AR-1016-3	5.344	0.000	52236	0	35.069	N.D. #
6)	L1 AR-1016-4	5.490	0.000	134469	0	111.155	N.D. #
8)	L2 AR-1221-1	4.380	0.000	23685	0	55.931	N.D. #
9)	L2 AR-1221-2	4.428	0.000	25087	0	77.240	N.D. #
10)	L2 AR-1221-3	4.489	0.000	9151	0	8.700	N.D. #
11)	L3 AR-1232-1	4.489	0.000	9151	0	7.342	N.D. #
12)	L3 AR-1232-2	5.050	4.570	533481	43645	755.214	34.270 #
13)	L3 AR-1232-3	5.286	0.000	89052	0	58.152	N.D. #
14)	L3 AR-1232-4	5.490	0.000	134469	0	171.982	N.D. #
16)	L4 AR-1242-1	5.286	4.570	89052	43645	70.146	42.429 #
17)	L4 AR-1242-2	5.286	4.570	89052	43645	47.989	28.656 #
18)	L4 AR-1242-3	5.344	0.000	52236	0	44.690	N.D. #
19)	L4 AR-1242-4	5.490	0.000	134469	0	138.932	N.D. #
20)	L4 AR-1242-5	6.223	0.000	713	0	0.568	N.D. #
21)	L5 AR-1248-1	5.286	4.570	89052	43645	88.825	52.710 #
22)	L5 AR-1248-2	5.490	0.000	134469	0	92.679	N.D. #
24)	L5 AR-1248-4	6.138	0.000	1026	0	0.502	N.D. #
25)	L5 AR-1248-5	6.173	0.000	27480	0	13.857	N.D. #
26)	L6 AR-1254-1	6.138	0.000	1026	0	0.492	N.D. #
27)	L6 AR-1254-2	6.324	0.000	2406	0	0.721	N.D. #
28)	L6 AR-1254-3	6.697	0.000	2593	0	0.731	N.D. #
29)	L6 AR-1254-4	7.001	0.000	8172	0	2.774	N.D. #
30)	L6 AR-1254-5	7.387	0.000	18679	0	6.040	N.D. #
31)	L7 AR-1260-1	6.855	0.000	7582	0	2.813	N.D. #
32)	L7 AR-1260-2	7.095	0.000	26230	0	7.069	N.D. #
33)	L7 AR-1260-3	7.469	0.000	8102	0	2.473	N.D. #
34)	L7 AR-1260-4	7.695	0.000	49271	0	16.042	N.D. #
35)	L7 AR-1260-5	7.995	0.000	22710	0	3.207	N.D. #
36)	L8 AR-1262-1	7.522	0.000	41412	0	8.533	N.D. #
37)	L8 AR-1262-2	8.043	0.000	100715	0	13.053	N.D. #
38)	L8 AR-1262-3	8.315	7.308	108785	7575	21.321	2.981 #
39)	L8 AR-1262-4	8.315	7.308	108785	7575	28.221	1.714 #
40)	L8 AR-1262-5	8.947	0.000	54364	0	21.182	N.D. #
41)	L9 AR-1268-1	8.315	7.308	108785	7575	11.560	1.064 #
42)	L9 AR-1268-2	8.315	7.308	108785	7575	13.800	1.175 #
43)	L9 AR-1268-3	8.614	0.000	82844	0	11.753	N.D. #
44)	L9 AR-1268-4	8.947	0.000	54364	0	19.555	N.D. #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0082919\
Data File : P0060031.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 29 Aug 2019 19:20
Operator : SM/AJ
Sample : K4592-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
GW-5

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 30 01:07:45 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0081719.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 28 13:30:59 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

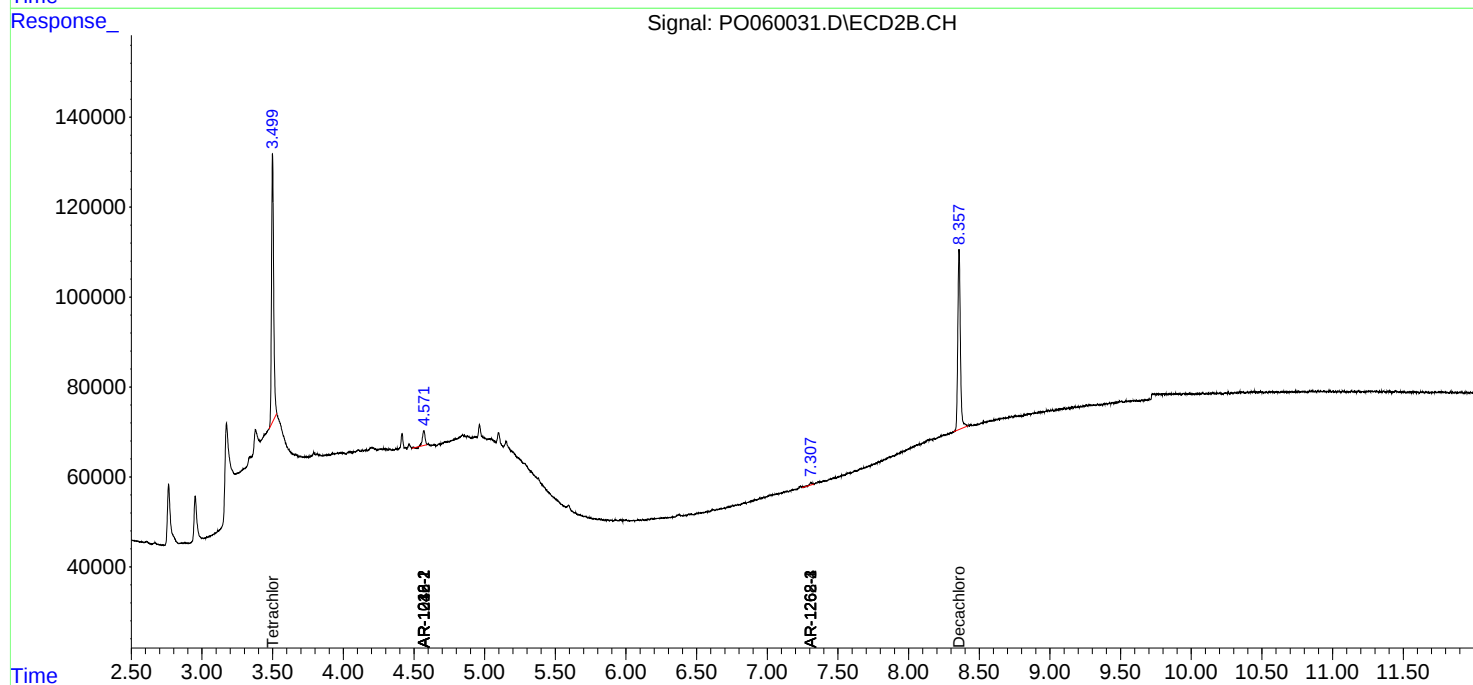
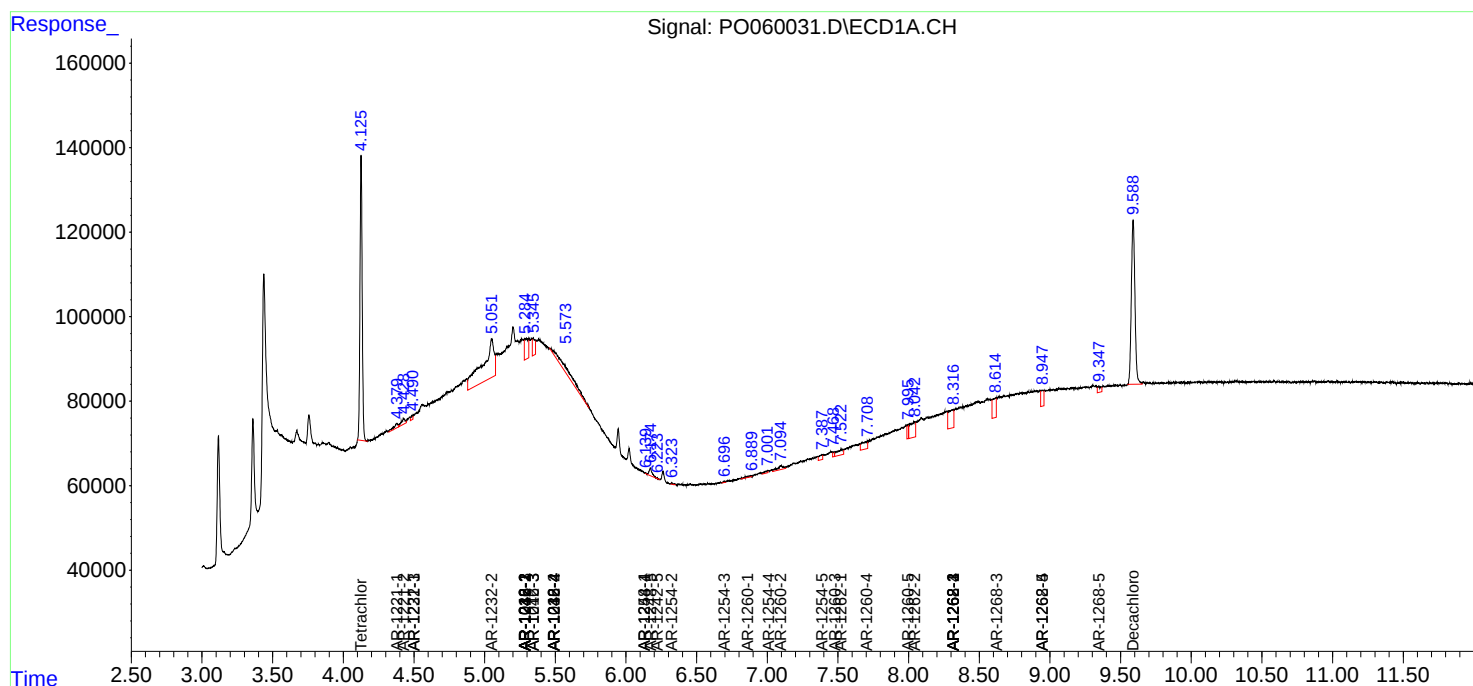
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

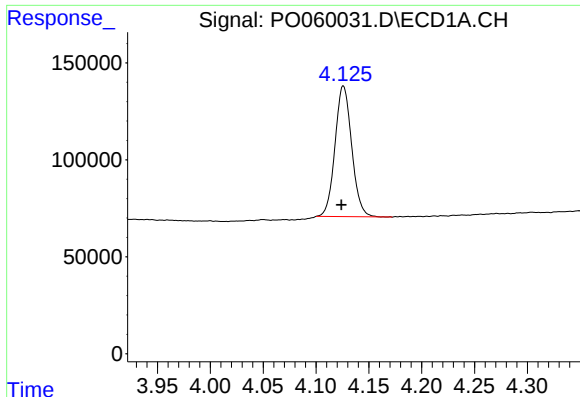
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0082919\
Data File : P0060031.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 29 Aug 2019 19:20
Operator : SM/AJ
Sample : K4592-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampled :
GW-5

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 30 01:07:45 2019
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

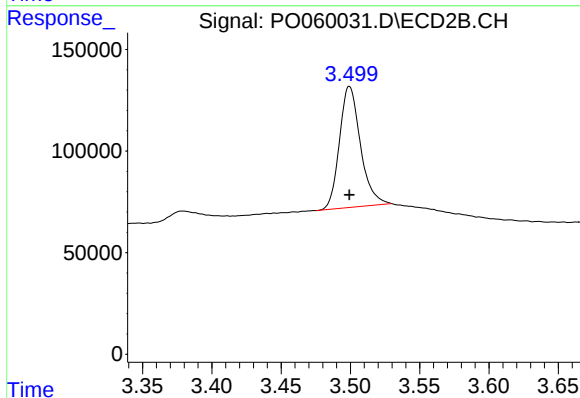




#1 Tetrachloro-m-xylene

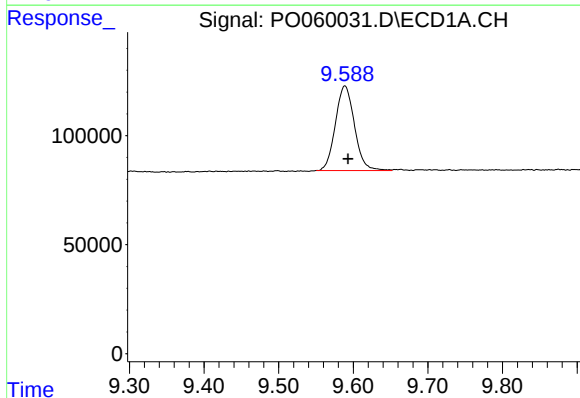
R.T.: 4.126 min
Delta R.T.: 0.002 min
Response: 738510
Conc: 21.09 ng/ml

Instrument :
ECD_O
ClientSampleId :
GW-5



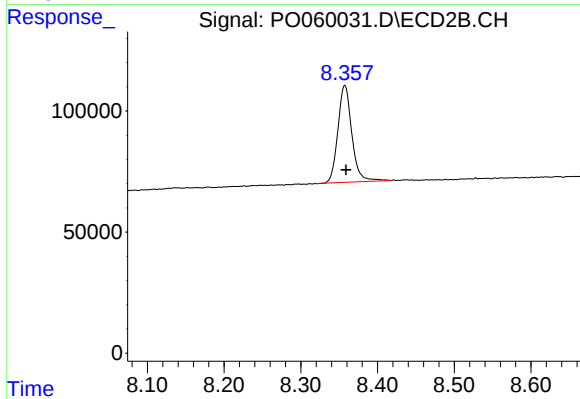
#1 Tetrachloro-m-xylene

R.T.: 3.499 min
Delta R.T.: 0.000 min
Response: 628568
Conc: 17.46 ng/ml



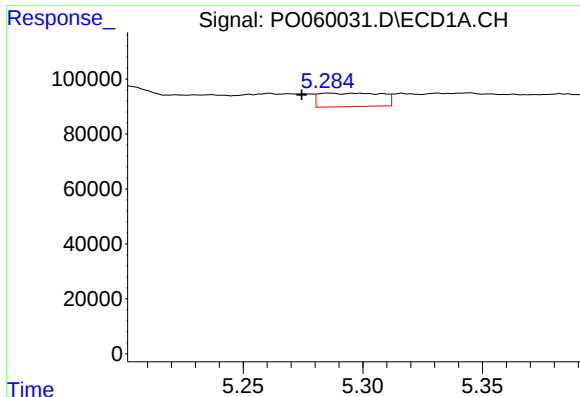
#2 Decachlorobiphenyl

R.T.: 9.589 min
Delta R.T.: -0.004 min
Response: 688897
Conc: 12.95 ng/ml



#2 Decachlorobiphenyl

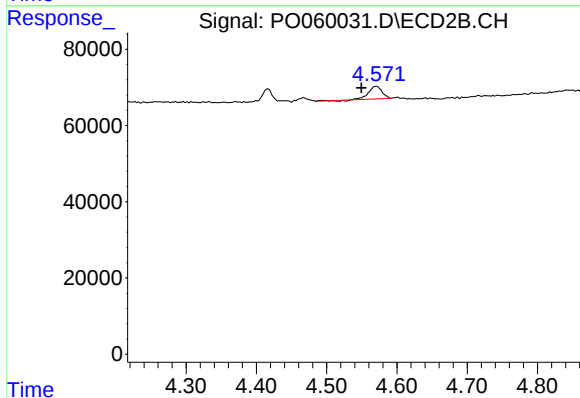
R.T.: 8.357 min
Delta R.T.: -0.002 min
Response: 506108
Conc: 12.55 ng/ml



#3 AR-1016-1

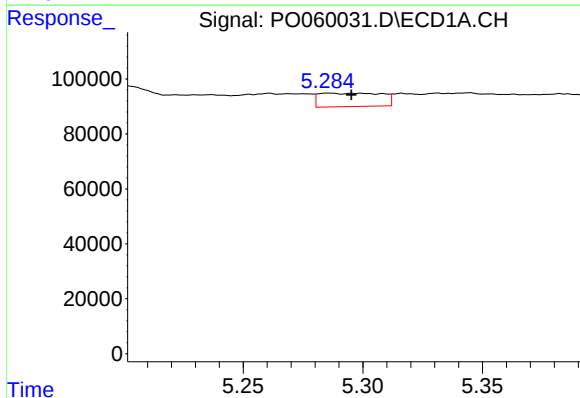
R.T.: 5.286 min
Delta R.T.: 0.012 min
Response: 89052
Conc: 55.52 ng/ml

Instrument :
ECD_O
ClientSampleId :
GW-5



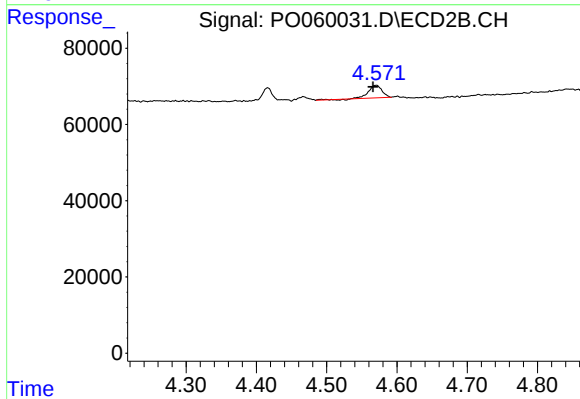
#3 AR-1016-1

R.T.: 4.570 min
Delta R.T.: 0.021 min
Response: 43645
Conc: 32.28 ng/ml



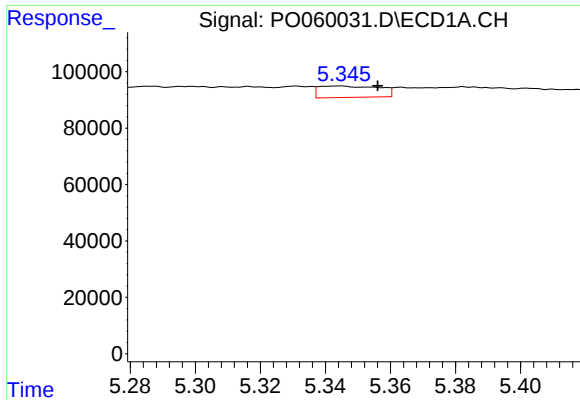
#4 AR-1016-2

R.T.: 5.286 min
Delta R.T.: -0.009 min
Response: 89052
Conc: 37.22 ng/ml



#4 AR-1016-2

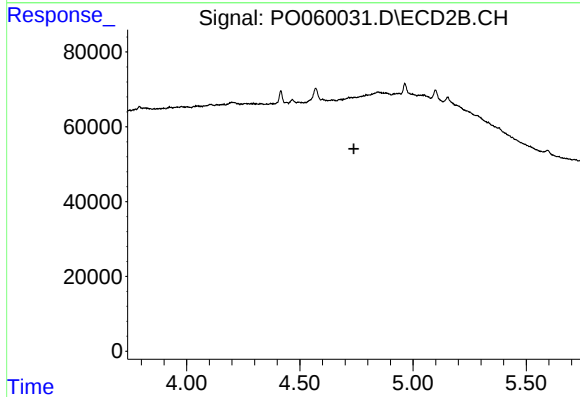
R.T.: 4.570 min
Delta R.T.: 0.004 min
Response: 43645
Conc: 21.79 ng/ml



#5 AR-1016-3

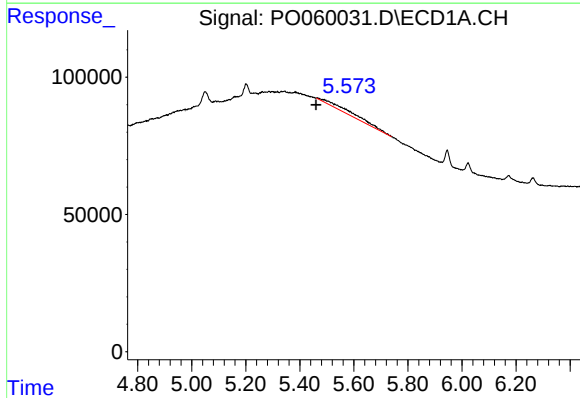
R.T.: 5.344 min
Delta R.T.: -0.012 min
Response: 52236
Conc: 35.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
GW-5



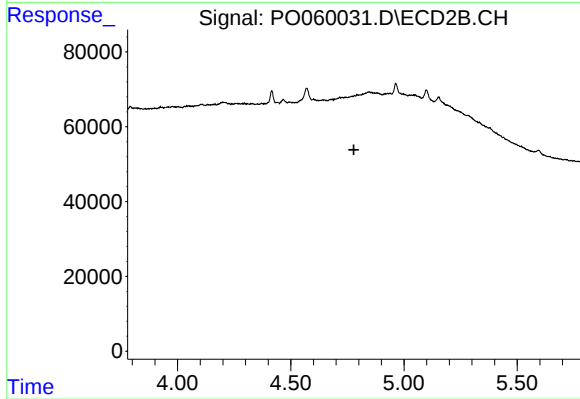
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T.: 4.738 min
Response: 0
Conc: N.D.



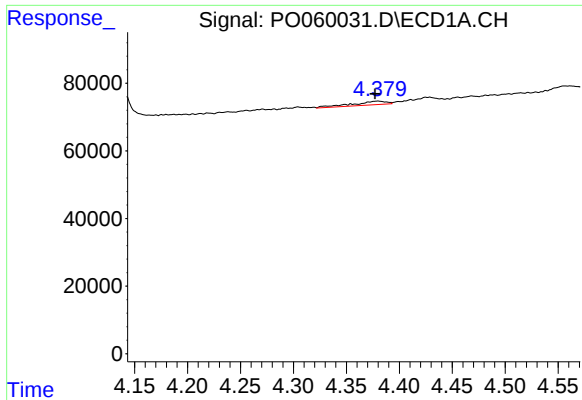
#6 AR-1016-4

R.T.: 5.490 min
Delta R.T.: 0.030 min
Response: 134469
Conc: 111.15 ng/ml



#6 AR-1016-4

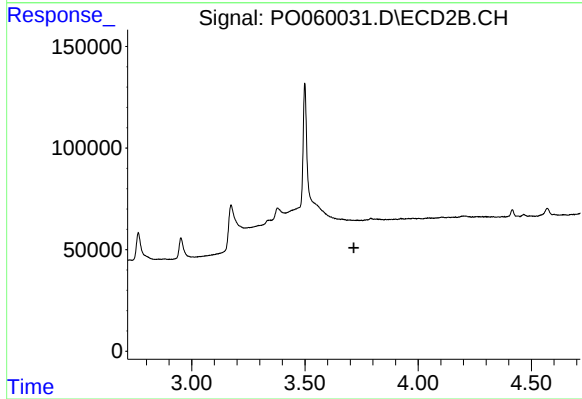
R.T.: 0.000 min
Exp R.T.: 4.779 min
Response: 0
Conc: N.D.



#8 AR-1221-1

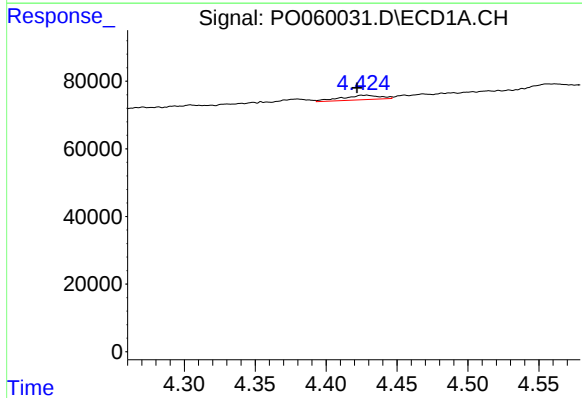
R.T.: 4.380 min
Delta R.T.: 0.003 min
Response: 23685
Conc: 55.93 ng/ml

Instrument :
ECD_O
ClientSampleId :
GW-5



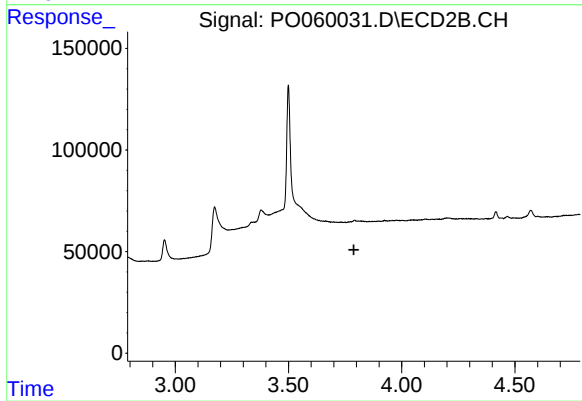
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 3.717 min
Response: 0
Conc: N.D.



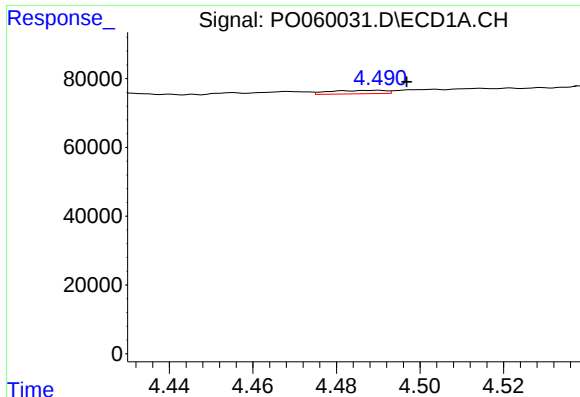
#9 AR-1221-2

R.T.: 4.428 min
Delta R.T.: 0.006 min
Response: 25087
Conc: 77.24 ng/ml



#9 AR-1221-2

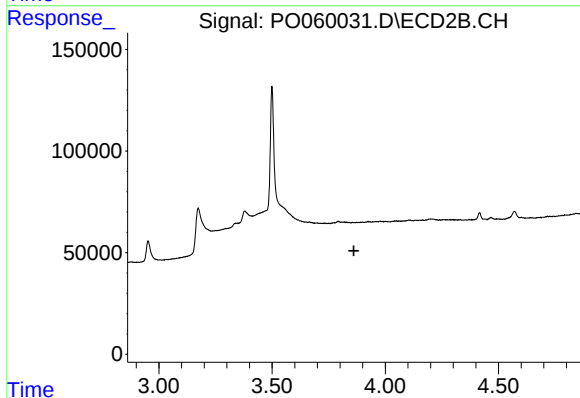
R.T.: 0.000 min
Exp R.T. : 3.789 min
Response: 0
Conc: N.D.



#10 AR-1221-3

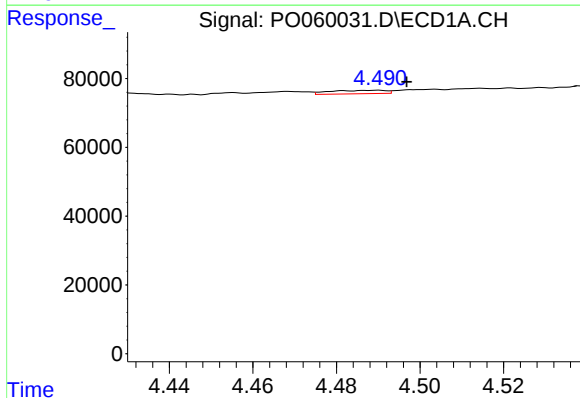
R.T.: 4.489 min
Delta R.T.: -0.007 min
Response: 9151
Conc: 8.70 ng/ml

Instrument :
ECD_O
ClientSampleId :
GW-5



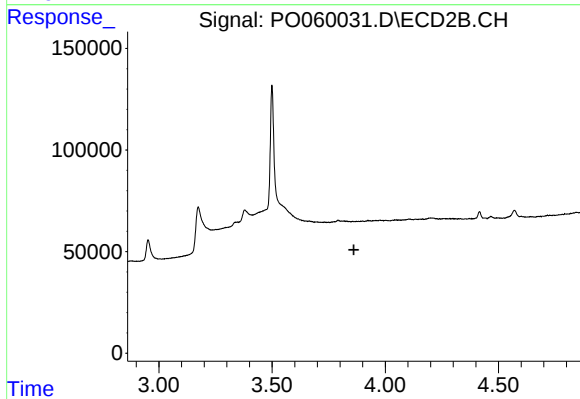
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 3.862 min
Response: 0
Conc: N.D.



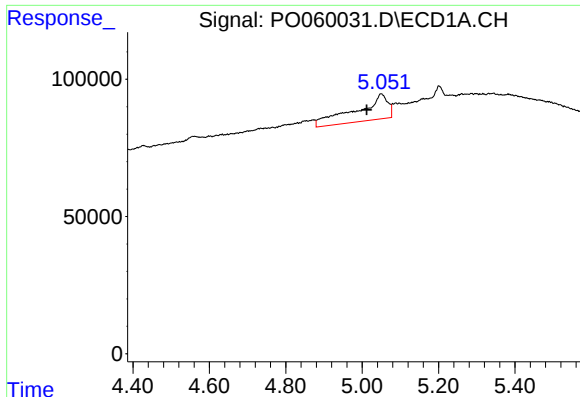
#11 AR-1232-1

R.T.: 4.489 min
Delta R.T.: -0.007 min
Response: 9151
Conc: 7.34 ng/ml



#11 AR-1232-1

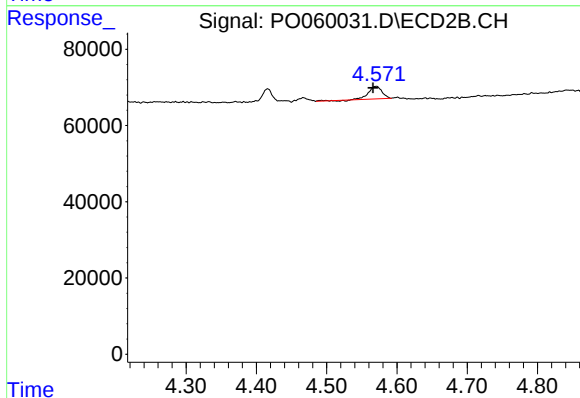
R.T.: 0.000 min
Exp R.T. : 3.862 min
Response: 0
Conc: N.D.



#12 AR-1232-2

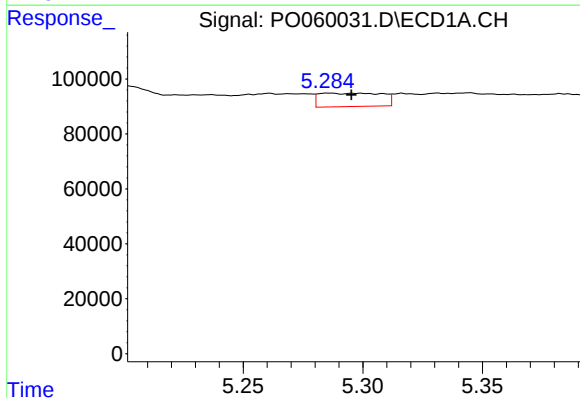
R.T.: 5.050 min
Delta R.T.: 0.038 min
Response: 533481
Conc: 755.21 ng/ml

Instrument :
ECD_O
ClientSampleId :
GW-5



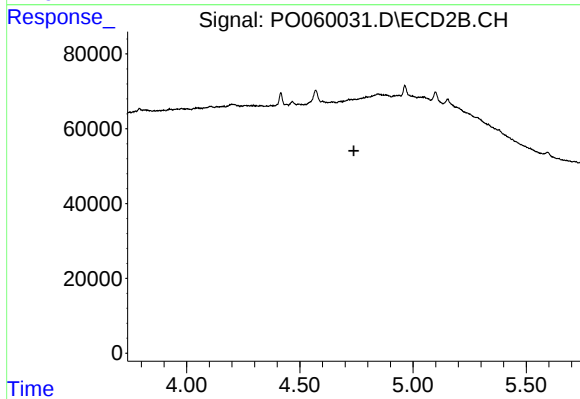
#12 AR-1232-2

R.T.: 4.570 min
Delta R.T.: 0.004 min
Response: 43645
Conc: 34.27 ng/ml



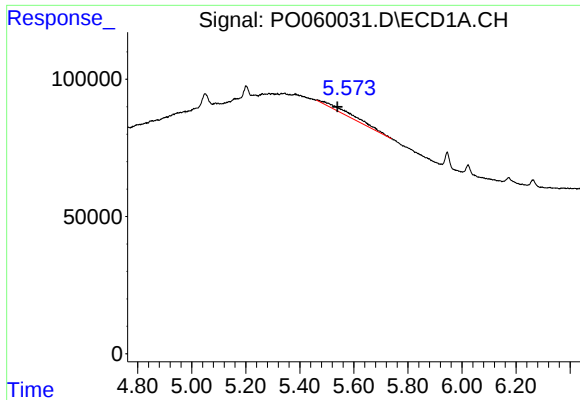
#13 AR-1232-3

R.T.: 5.286 min
Delta R.T.: -0.009 min
Response: 89052
Conc: 58.15 ng/ml



#13 AR-1232-3

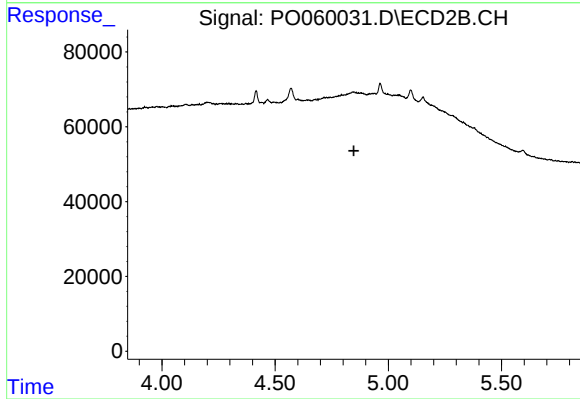
R.T.: 0.000 min
Exp R.T.: 4.738 min
Response: 0
Conc: N.D.



#14 AR-1232-4

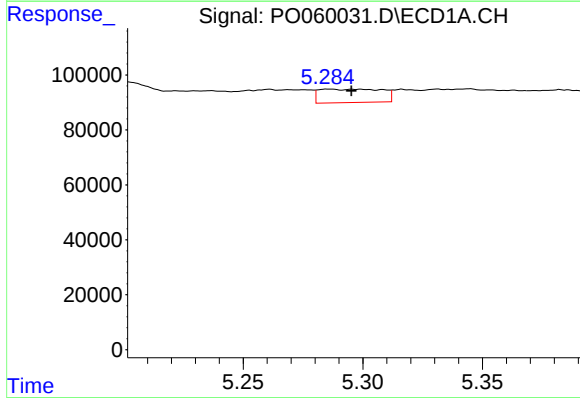
R.T.: 5.490 min
Delta R.T.: -0.050 min
Response: 134469
Conc: 171.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
GW-5



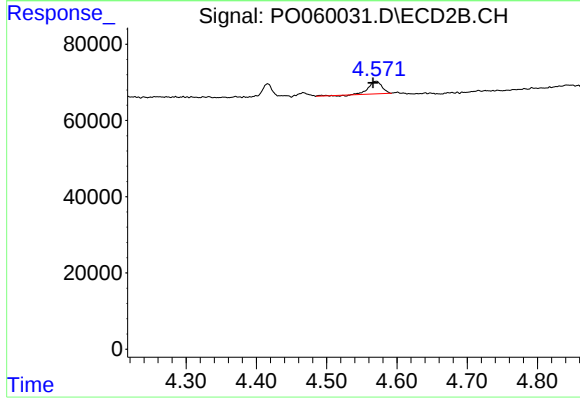
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 4.848 min
Response: 0
Conc: N.D.



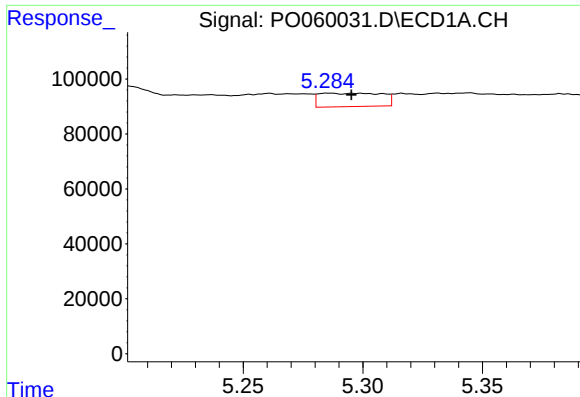
#16 AR-1242-1

R.T.: 5.286 min
Delta R.T.: -0.009 min
Response: 89052
Conc: 70.15 ng/ml



#16 AR-1242-1

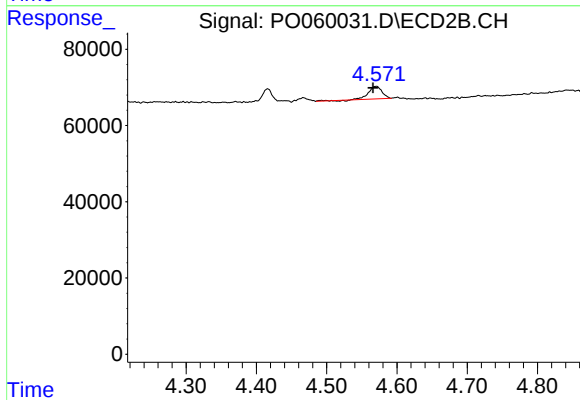
R.T.: 4.570 min
Delta R.T.: 0.004 min
Response: 43645
Conc: 42.43 ng/ml



#17 AR-1242-2

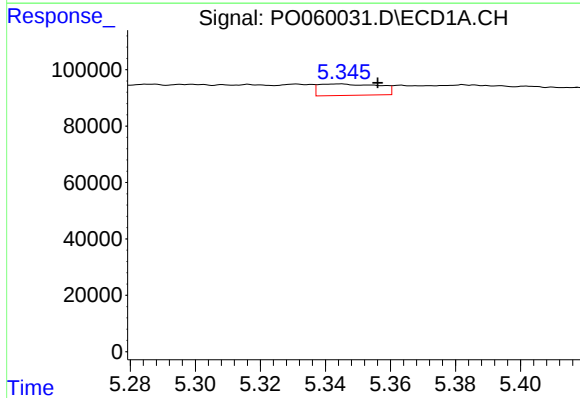
R.T.: 5.286 min
Delta R.T.: -0.009 min
Response: 89052
Conc: 47.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
GW-5



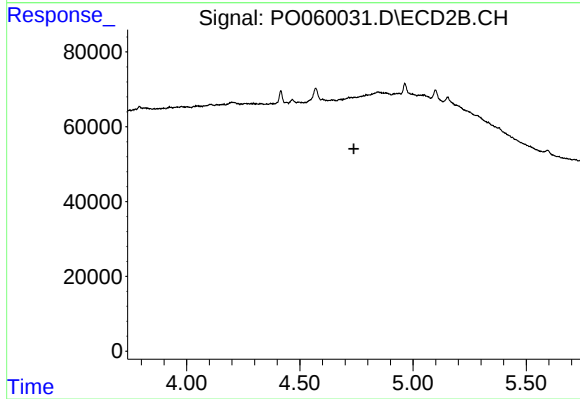
#17 AR-1242-2

R.T.: 4.570 min
Delta R.T.: 0.004 min
Response: 43645
Conc: 28.66 ng/ml



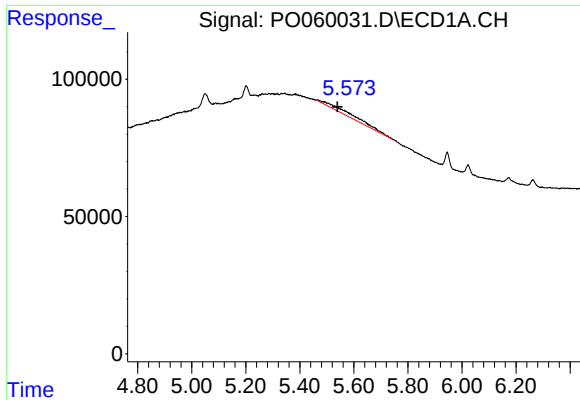
#18 AR-1242-3

R.T.: 5.344 min
Delta R.T.: -0.012 min
Response: 52236
Conc: 44.69 ng/ml



#18 AR-1242-3

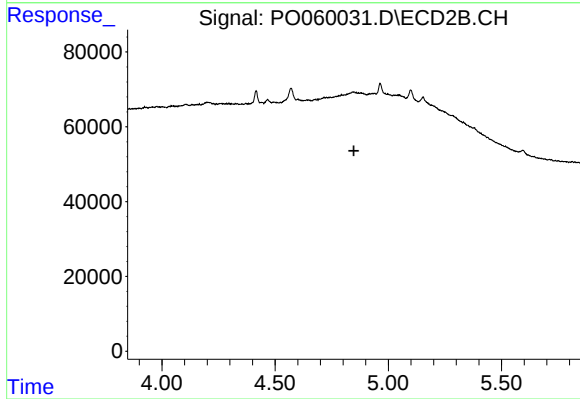
R.T.: 0.000 min
Exp R.T.: 4.738 min
Response: 0
Conc: N.D.



#19 AR-1242-4

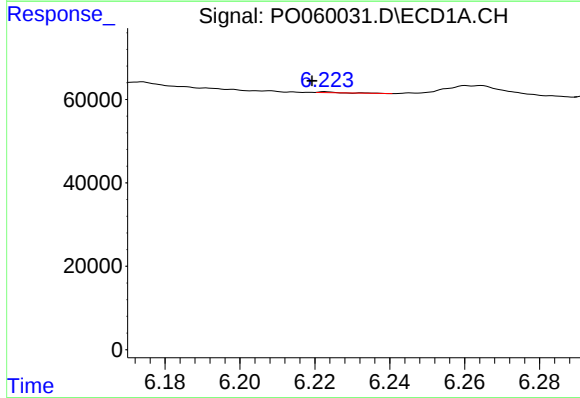
R.T.: 5.490 min
Delta R.T.: -0.050 min
Response: 134469
Conc: 138.93 ng/ml

Instrument :
ECD_O
ClientSampleId :
GW-5



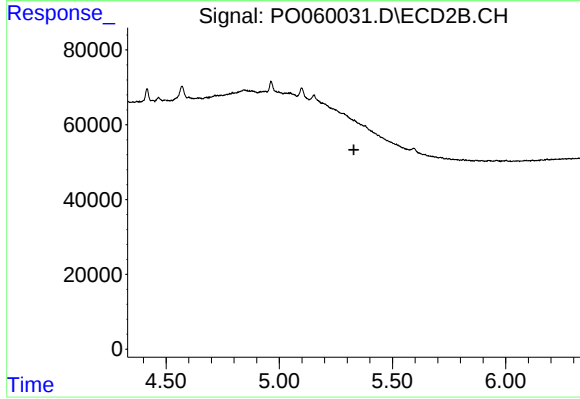
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 4.848 min
Response: 0
Conc: N.D.



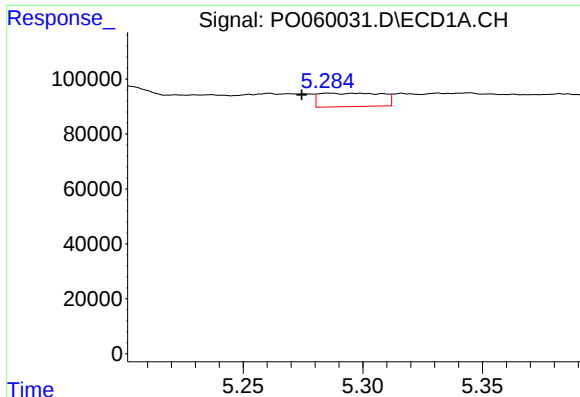
#20 AR-1242-5

R.T.: 6.223 min
Delta R.T.: 0.004 min
Response: 713
Conc: 0.57 ng/ml



#20 AR-1242-5

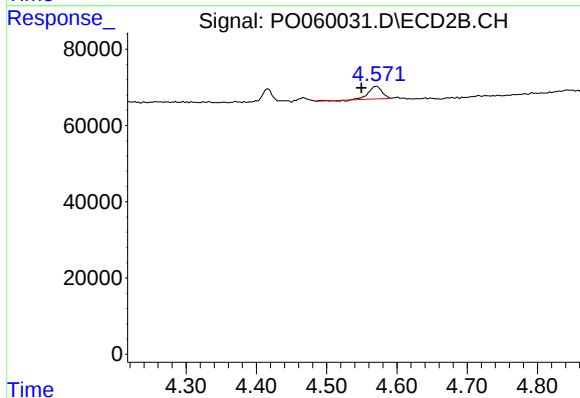
R.T.: 0.000 min
Exp R.T. : 5.330 min
Response: 0
Conc: N.D.



#21 AR-1248-1

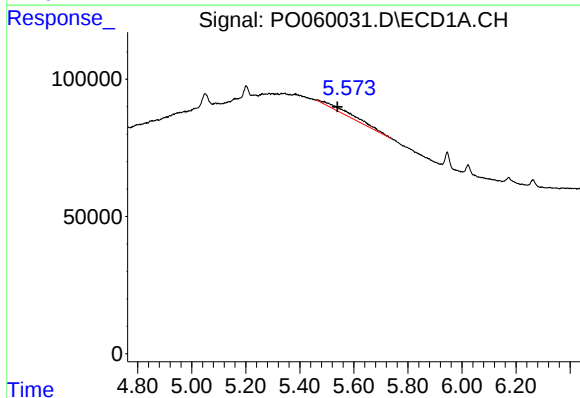
R.T.: 5.286 min
Delta R.T.: 0.012 min
Response: 89052
Conc: 88.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
GW-5



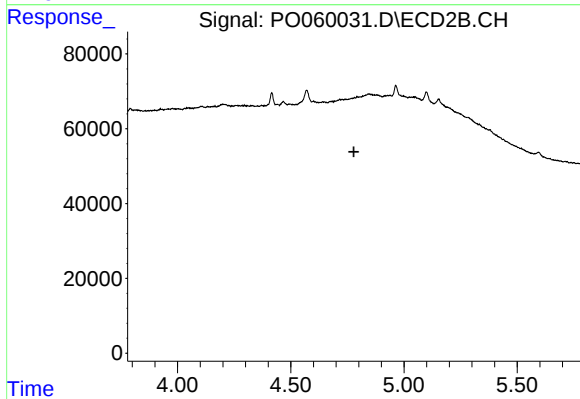
#21 AR-1248-1

R.T.: 4.570 min
Delta R.T.: 0.021 min
Response: 43645
Conc: 52.71 ng/ml



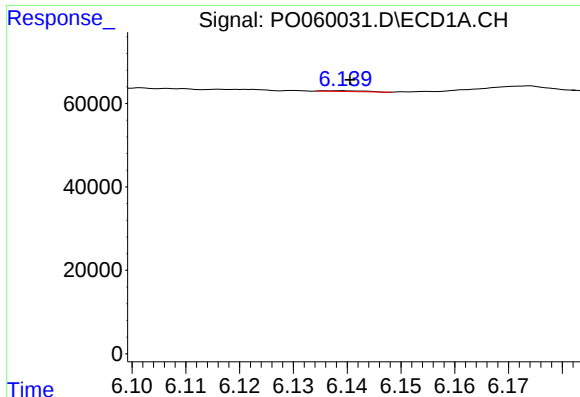
#22 AR-1248-2

R.T.: 5.490 min
Delta R.T.: -0.050 min
Response: 134469
Conc: 92.68 ng/ml



#22 AR-1248-2

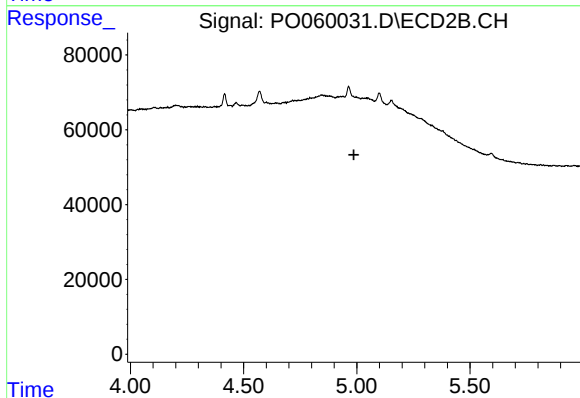
R.T.: 0.000 min
Exp R.T.: 4.779 min
Response: 0
Conc: N.D.



#24 AR-1248-4

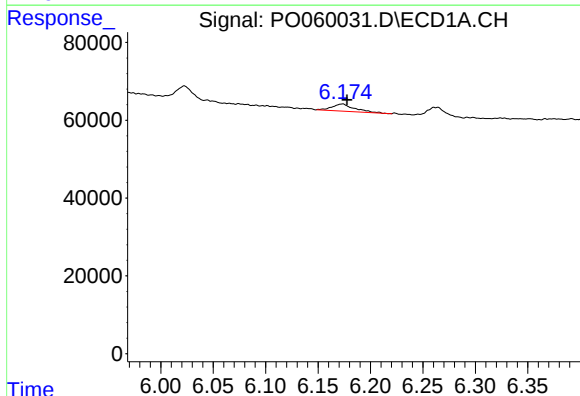
R.T.: 6.138 min
Delta R.T.: -0.002 min
Response: 1026
Conc: 0.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
GW-5



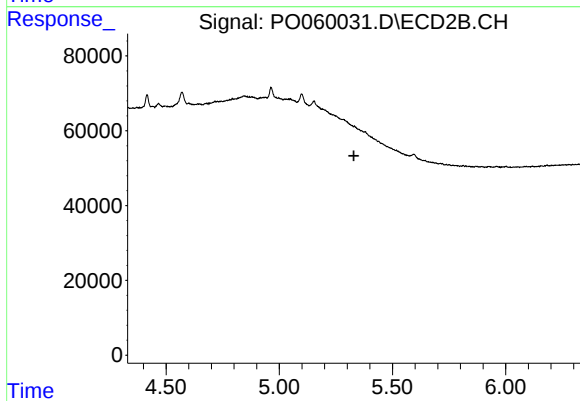
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 4.987 min
Response: 0
Conc: N.D.



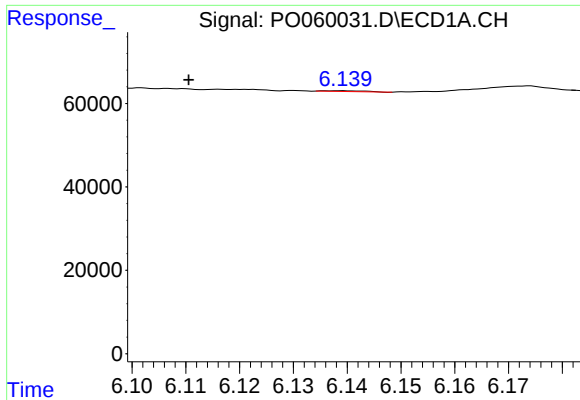
#25 AR-1248-5

R.T.: 6.173 min
Delta R.T.: -0.005 min
Response: 27480
Conc: 13.86 ng/ml



#25 AR-1248-5

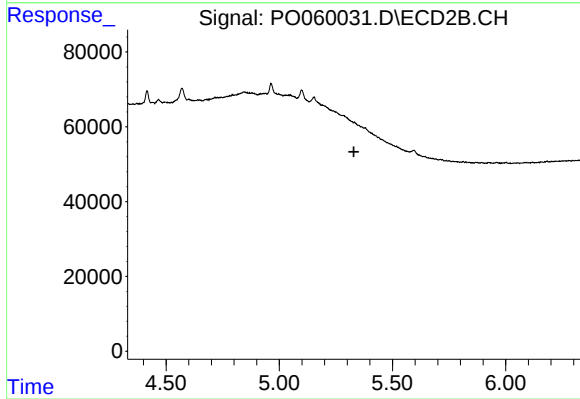
R.T.: 0.000 min
Exp R.T. : 5.330 min
Response: 0
Conc: N.D.



#26 AR-1254-1

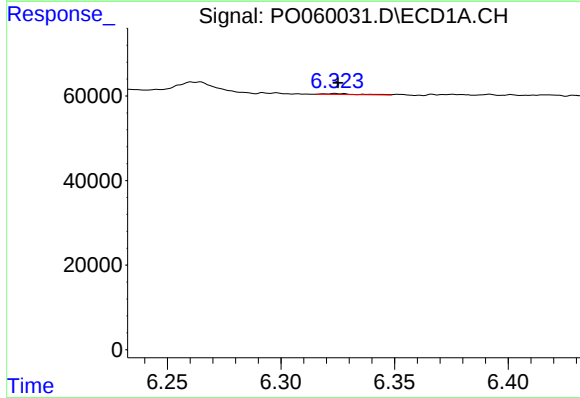
R.T.: 6.138 min
Delta R.T.: 0.028 min
Response: 1026
Conc: 0.49 ng/ml

Instrument :
ECD_O
ClientSampleId :
GW-5



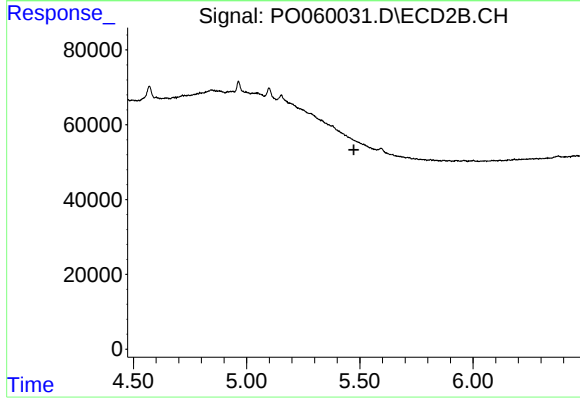
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T. : 5.330 min
Response: 0
Conc: N.D.



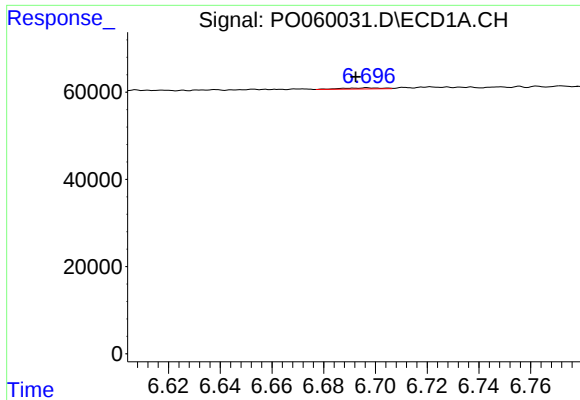
#27 AR-1254-2

R.T.: 6.324 min
Delta R.T.: -0.001 min
Response: 2406
Conc: 0.72 ng/ml



#27 AR-1254-2

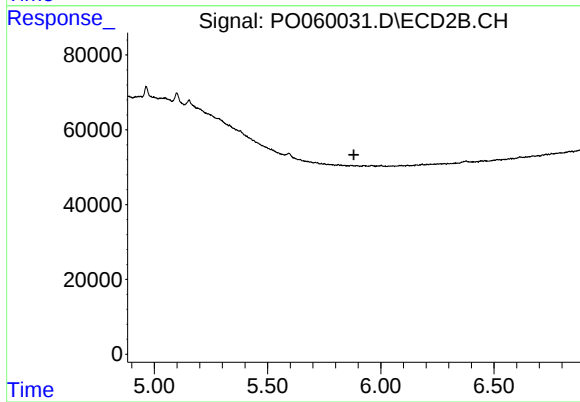
R.T.: 0.000 min
Exp R.T. : 5.474 min
Response: 0
Conc: N.D.



#28 AR-1254-3

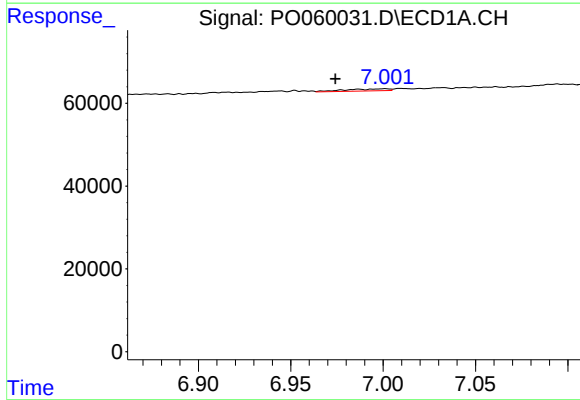
R.T.: 6.697 min
Delta R.T.: 0.005 min
Response: 2593
Conc: 0.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
GW-5



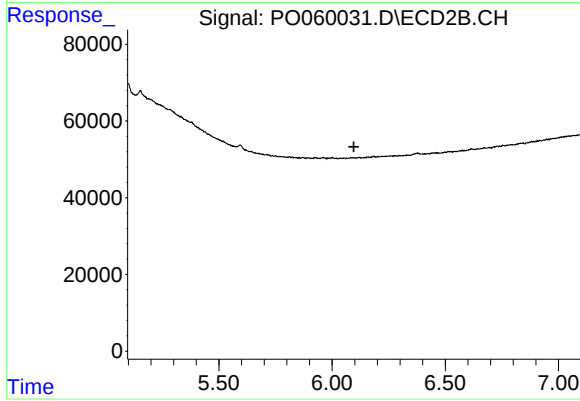
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T. : 5.881 min
Response: 0
Conc: N.D.



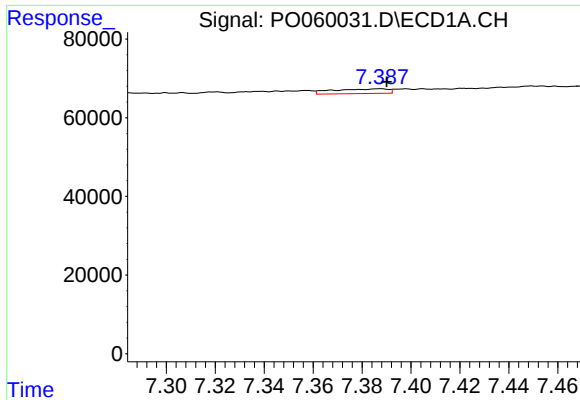
#29 AR-1254-4

R.T.: 7.001 min
Delta R.T.: 0.027 min
Response: 8172
Conc: 2.77 ng/ml



#29 AR-1254-4

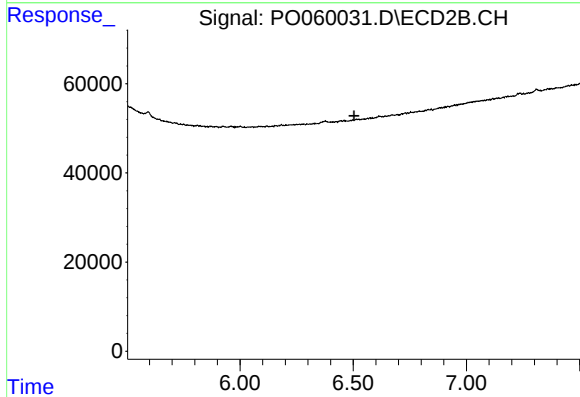
R.T.: 0.000 min
Exp R.T. : 6.097 min
Response: 0
Conc: N.D.



#30 AR-1254-5

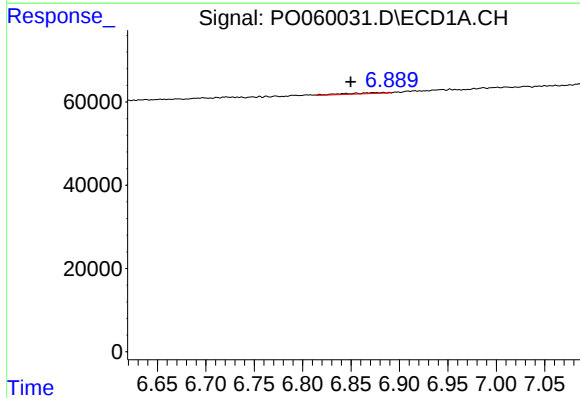
R.T.: 7.387 min
Delta R.T.: -0.003 min
Response: 18679
Conc: 6.04 ng/ml

Instrument :
ECD_O
ClientSampleId :
GW-5



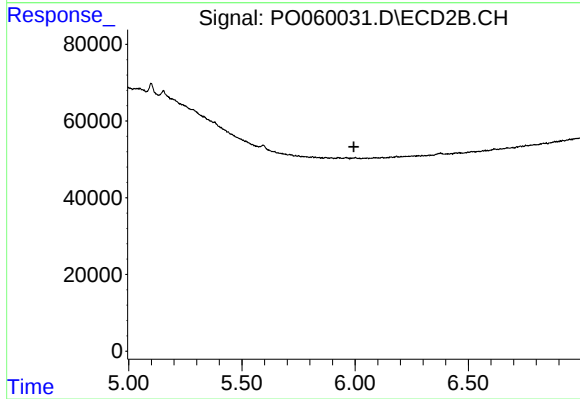
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 6.503 min
Response: 0
Conc: N.D.



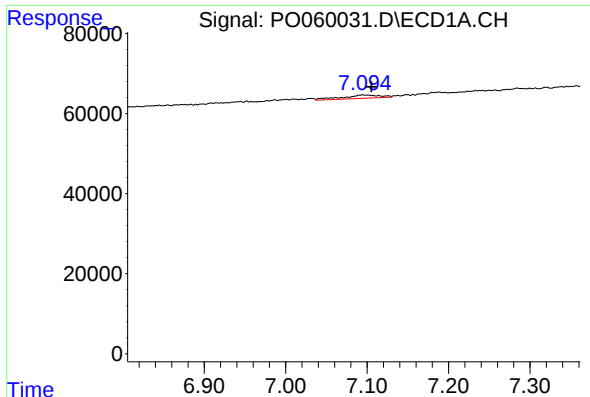
#31 AR-1260-1

R.T.: 6.855 min
Delta R.T.: 0.006 min
Response: 7582
Conc: 2.81 ng/ml



#31 AR-1260-1

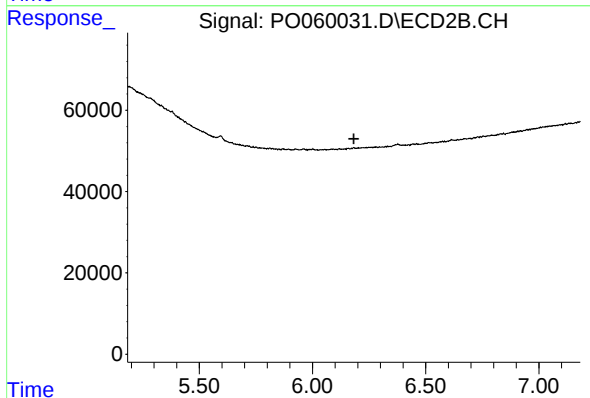
R.T.: 0.000 min
Exp R.T. : 5.995 min
Response: 0
Conc: N.D.



#32 AR-1260-2

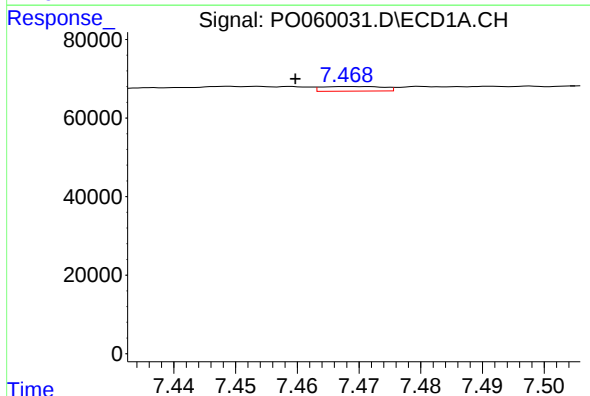
R.T.: 7.095 min
Delta R.T.: -0.011 min
Response: 26230
Conc: 7.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
GW-5



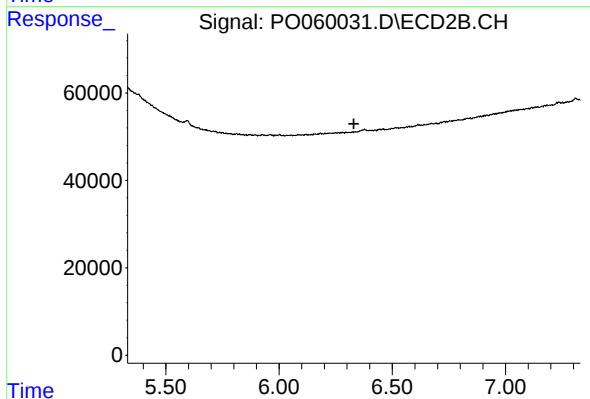
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T. : 6.183 min
Response: 0
Conc: N.D.



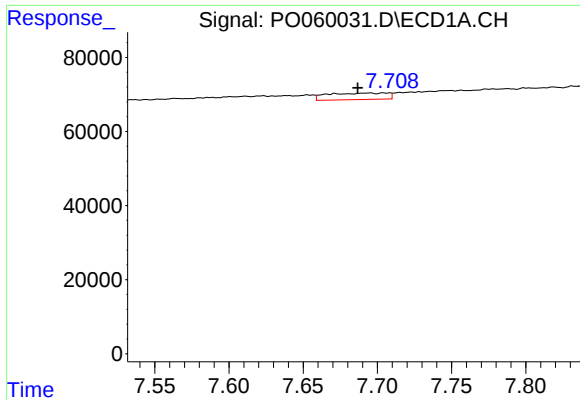
#33 AR-1260-3

R.T.: 7.469 min
Delta R.T.: 0.010 min
Response: 8102
Conc: 2.47 ng/ml



#33 AR-1260-3

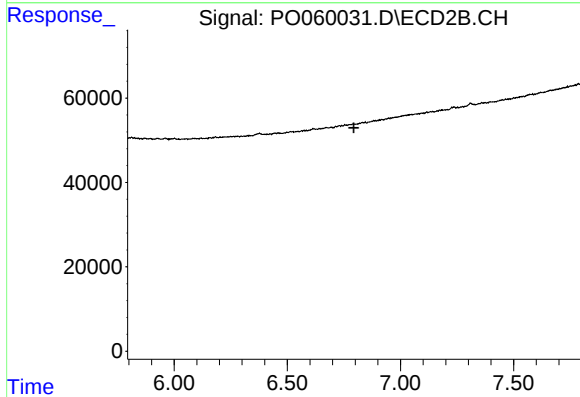
R.T.: 0.000 min
Exp R.T. : 6.331 min
Response: 0
Conc: N.D.



#34 AR-1260-4

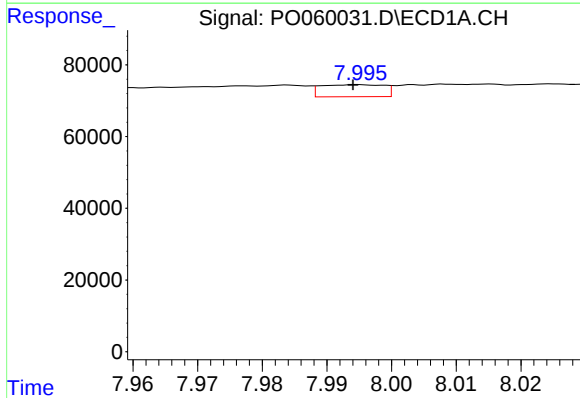
R.T.: 7.695 min
Delta R.T.: 0.008 min
Response: 49271
Conc: 16.04 ng/ml

Instrument :
ECD_O
ClientSampleId :
GW-5



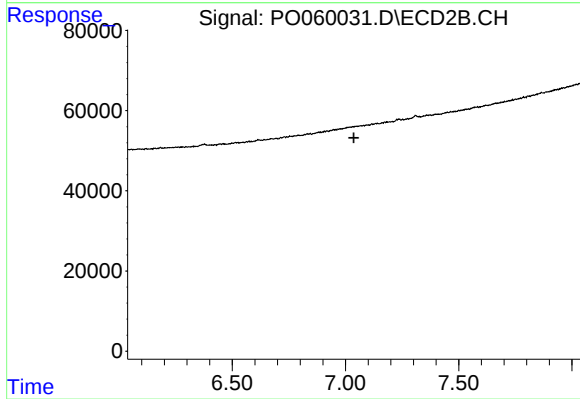
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 6.794 min
Response: 0
Conc: N.D.



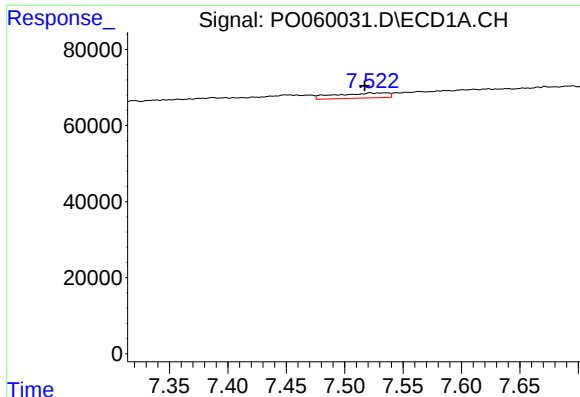
#35 AR-1260-5

R.T.: 7.995 min
Delta R.T.: 0.000 min
Response: 22710
Conc: 3.21 ng/ml



#35 AR-1260-5

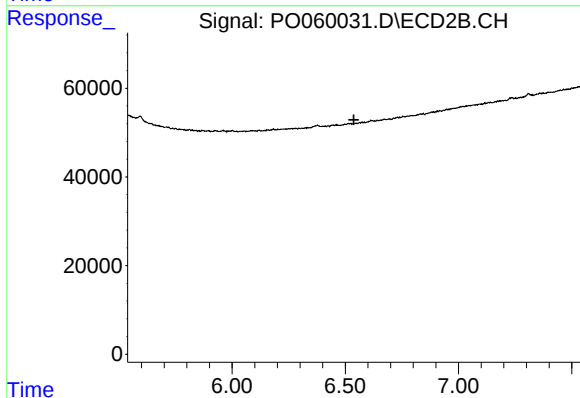
R.T.: 0.000 min
Exp R.T. : 7.037 min
Response: 0
Conc: N.D.



#36 AR-1262-1

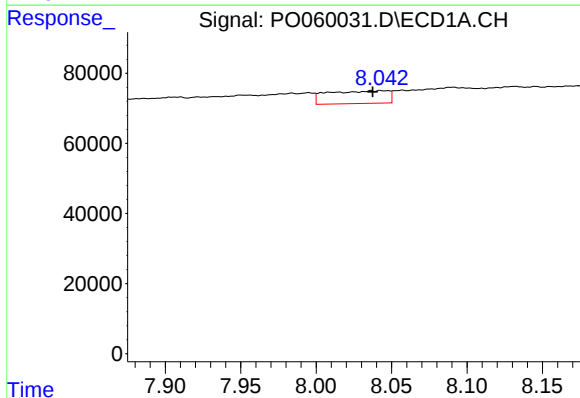
R.T.: 7.522 min
Delta R.T.: 0.005 min
Response: 41412
Conc: 8.53 ng/ml

Instrument :
ECD_O
ClientSampleId :
GW-5



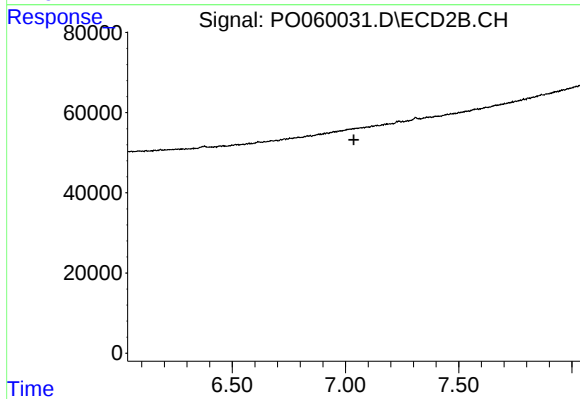
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 6.538 min
Response: 0
Conc: N.D.



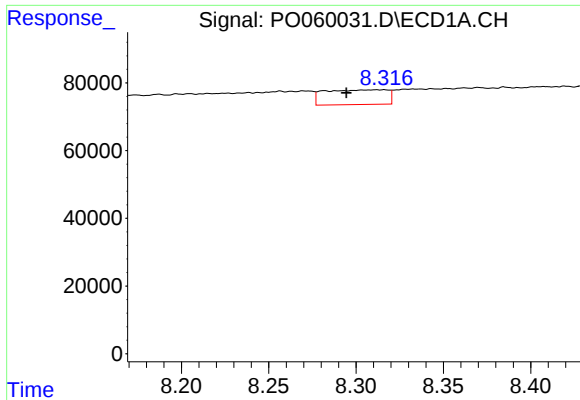
#37 AR-1262-2

R.T.: 8.043 min
Delta R.T.: 0.005 min
Response: 100715
Conc: 13.05 ng/ml



#37 AR-1262-2

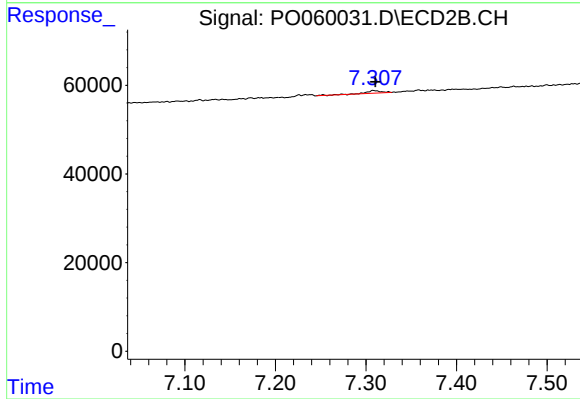
R.T.: 0.000 min
Exp R.T. : 7.037 min
Response: 0
Conc: N.D.



#38 AR-1262-3

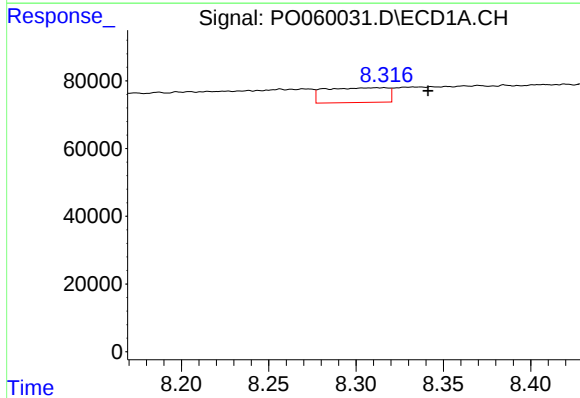
R.T.: 8.315 min
Delta R.T.: 0.021 min
Response: 108785
Conc: 21.32 ng/ml

Instrument :
ECD_O
ClientSampleId :
GW-5



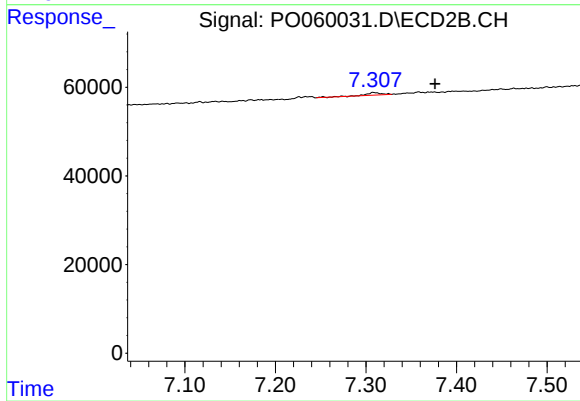
#38 AR-1262-3

R.T.: 7.308 min
Delta R.T.: -0.002 min
Response: 7575
Conc: 2.98 ng/ml



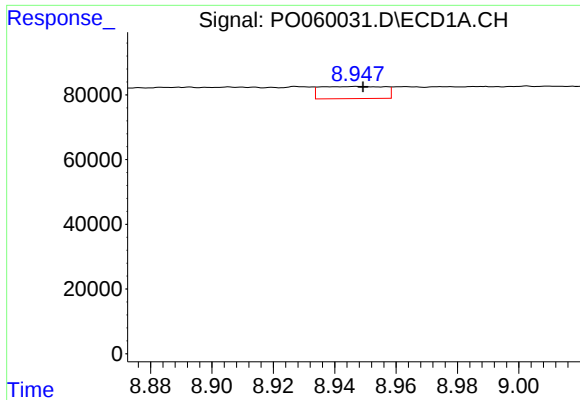
#39 AR-1262-4

R.T.: 8.315 min
Delta R.T.: -0.026 min
Response: 108785
Conc: 28.22 ng/ml



#39 AR-1262-4

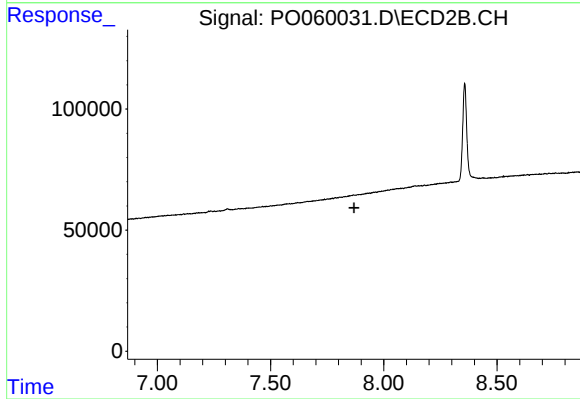
R.T.: 7.308 min
Delta R.T.: -0.068 min
Response: 7575
Conc: 1.71 ng/ml



#40 AR-1262-5

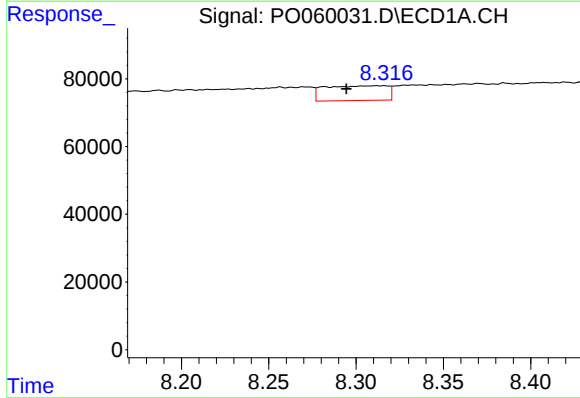
R.T.: 8.947 min
Delta R.T.: -0.002 min
Response: 54364
Conc: 21.18 ng/ml

Instrument :
ECD_O
ClientSampleId :
GW-5



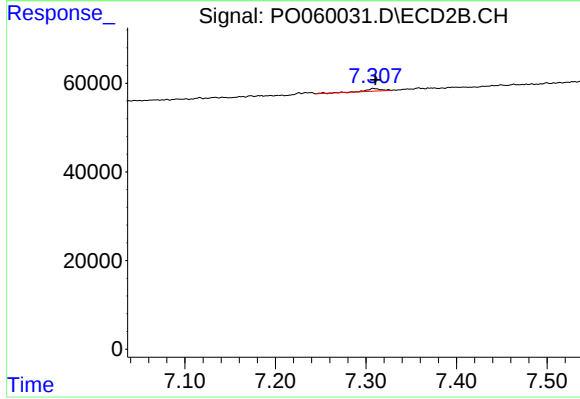
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 7.868 min
Response: 0
Conc: N.D.



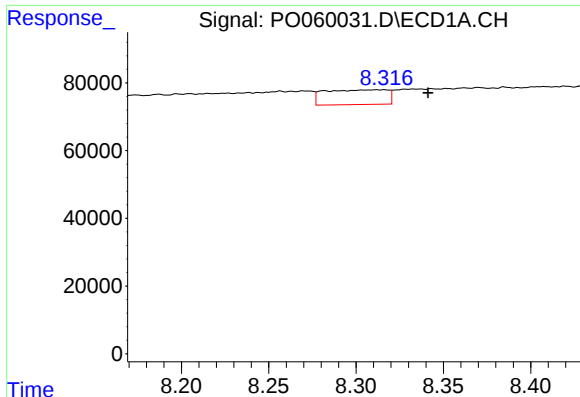
#41 AR-1268-1

R.T.: 8.315 min
Delta R.T.: 0.021 min
Response: 108785
Conc: 11.56 ng/ml



#41 AR-1268-1

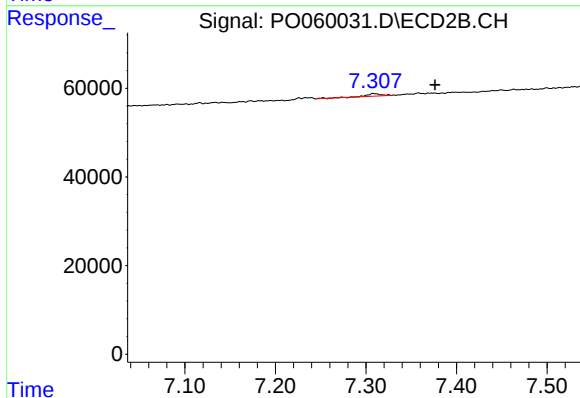
R.T.: 7.308 min
Delta R.T.: -0.002 min
Response: 7575
Conc: 1.06 ng/ml



#42 AR-1268-2

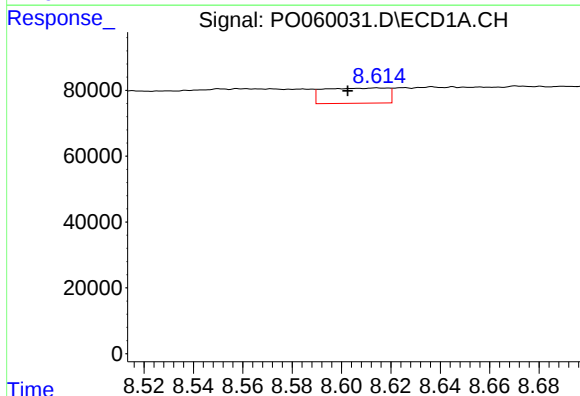
R.T.: 8.315 min
Delta R.T.: -0.026 min
Response: 108785
Conc: 13.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
GW-5



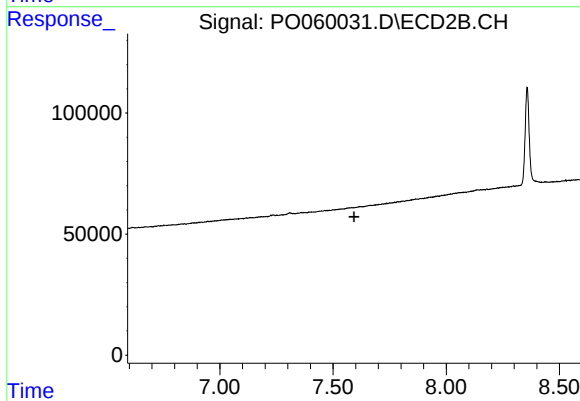
#42 AR-1268-2

R.T.: 7.308 min
Delta R.T.: -0.068 min
Response: 7575
Conc: 1.17 ng/ml



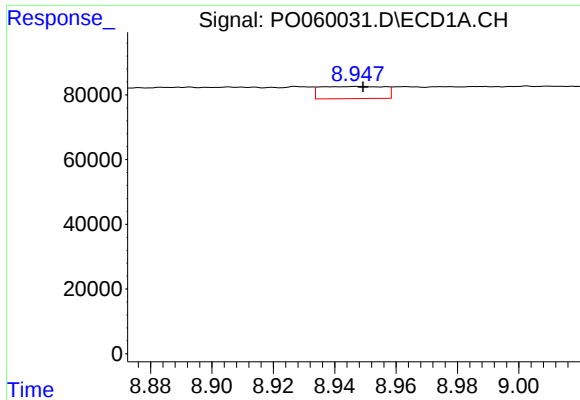
#43 AR-1268-3

R.T.: 8.614 min
Delta R.T.: 0.012 min
Response: 82844
Conc: 11.75 ng/ml



#43 AR-1268-3

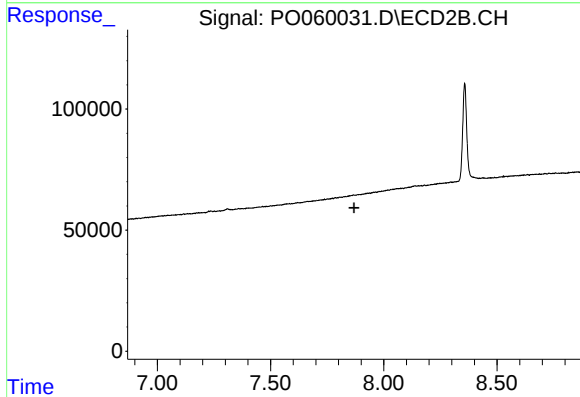
R.T.: 0.000 min
Exp R.T.: 7.592 min
Response: 0
Conc: N.D.



#44 AR-1268-4

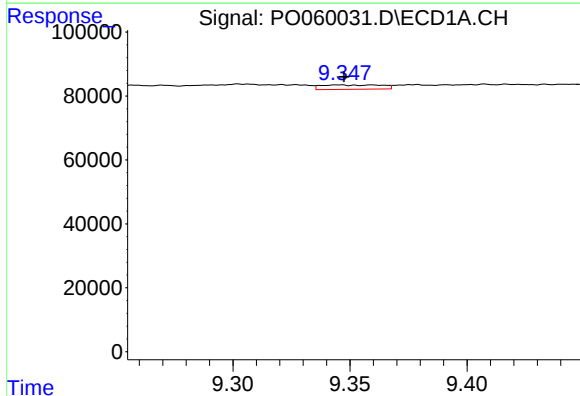
R.T.: 8.947 min
Delta R.T.: -0.002 min
Response: 54364
Conc: 19.56 ng/ml

Instrument :
ECD_O
ClientSampleId :
GW-5



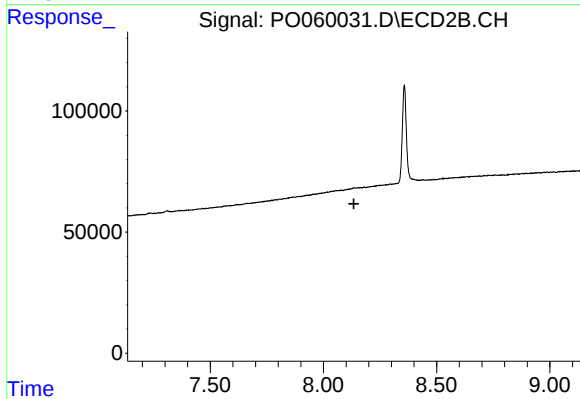
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 7.868 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.345 min
Delta R.T.: -0.002 min
Response: 24285
Conc: 1.32 ng/ml



#45 AR-1268-5

R.T.: 8.179 min
Delta R.T.: 0.045 min
Response: -85113
Conc: N.D.