

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0082919\
 Data File : P0060023.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 29 Aug 2019 17:04
 Operator : SM/AJ
 Sample : K4567-24
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 TP-8-GW

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 30 01:04:34 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

System Monitoring Compounds							
1)	SA Tetrachlo...	4.128	3.502	904689	720914	25.839	20.028
2)	SA Decachlor...	9.588	8.356	646165	472232	12.146	11.712
Target Compounds							
3)	L1 AR-1016-1	5.279	0.000	3278	0	2.044	N.D. #
4)	L1 AR-1016-2	5.290	0.000	1868	0	0.781	N.D. #
5)	L1 AR-1016-3	5.348	0.000	10264	0	6.891	N.D. #
6)	L1 AR-1016-4	5.460	0.000	960	0	0.793	N.D. #
7)	L1 AR-1016-5	5.710	0.000	944	0	0.735	N.D. #
8)	L2 AR-1221-1	4.379	0.000	3796	0	8.965	N.D. #
9)	L2 AR-1221-2	4.428	0.000	16320	0	50.247	N.D. #
10)	L2 AR-1221-3	4.482	0.000	690	0	0.656	N.D. #
11)	L3 AR-1232-1	4.482	0.000	690	0	0.553	N.D. #
12)	L3 AR-1232-2	5.008	0.000	6889	0	9.753	N.D. #
13)	L3 AR-1232-3	5.290	0.000	1868	0	1.220	N.D. #
14)	L3 AR-1232-4	5.541	0.000	17100	0	21.871	N.D. #
15)	L3 AR-1232-5	5.585	0.000	1324	0	2.202	N.D. #
16)	L4 AR-1242-1	5.290	0.000	1868	0	1.471	N.D. #
17)	L4 AR-1242-2	5.290	0.000	1868	0	1.007	N.D. #
18)	L4 AR-1242-3	5.348	0.000	10264	0	8.782	N.D. #
19)	L4 AR-1242-4	5.541	0.000	17100	0	17.668	N.D. #
20)	L4 AR-1242-5	6.206	5.392	2436	51890	1.939	46.388 #
21)	L5 AR-1248-1	5.279	0.000	3278	0	3.270	N.D. #
22)	L5 AR-1248-2	5.541	0.000	17100	0	11.786	N.D. #
23)	L5 AR-1248-3	5.710	0.000	944	0	0.568	N.D. #
24)	L5 AR-1248-4	6.141	0.000	30446	0	14.894	N.D. #
25)	L5 AR-1248-5	6.172	5.392	5621	51890	2.835	36.254 #
26)	L6 AR-1254-1	6.084	5.392	10833	51890	5.192	21.878 #
27)	L6 AR-1254-2	6.351	0.000	140385	0	42.079	N.D. #
28)	L6 AR-1254-3	6.721	5.920	36201	47817	10.202	14.221 #
29)	L6 AR-1254-4	6.960	0.000	29309	0	9.950	N.D. #
30)	L6 AR-1254-5	7.386	0.000	7282	0	2.355	N.D. #
31)	L7 AR-1260-1	6.874	0.000	28595	0	10.607	N.D. #
32)	L7 AR-1260-2	7.104	6.186	7787	98225	2.099	33.525 #
33)	L7 AR-1260-3	7.459	6.278	15486	30393	4.727	11.473 #
34)	L7 AR-1260-4	7.721	0.000	181567	0	59.117	N.D. #
35)	L7 AR-1260-5	8.010	7.017	131033	76155	18.505	13.838 #
36)	L8 AR-1262-1	7.540	0.000	12789	0	2.635	N.D. #
37)	L8 AR-1262-2	8.060	7.017	86412	76155	11.199	12.954
38)	L8 AR-1262-3	8.294	7.298	80315	15535	15.741	6.114 #
39)	L8 AR-1262-4	8.342	0.000	40898	0	10.610	N.D. #
40)	L8 AR-1262-5	8.948	0.000	49921	0	19.451	N.D. #
41)	L9 AR-1268-1	8.294	7.298	80315	15535	8.534	2.182 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0082919\
Data File : P0060023.D
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Acq On : 29 Aug 2019 17:04
Operator : SM/AJ
Sample : K4567-24
Misc :
ALS Vial : 23 Sample Multiplier: 1

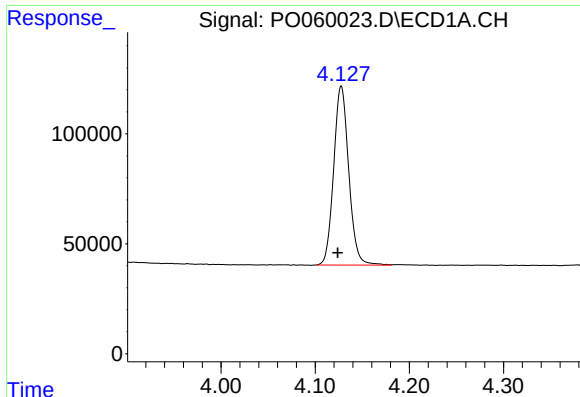
Instrument :
ECD_O
ClientSampleId :
TP-8-GW

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 30 01:04:34 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
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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	8.342	0.000	40898	0	5.188	N.D. #
43)	L9 AR-1268-3	8.617	7.629	76771	12529	10.891	2.290 #
44)	L9 AR-1268-4	8.948	0.000	49921	0	17.957	N.D. #
45)	L9 AR-1268-5	9.300	0.000	54708	0	2.966	N.D. #

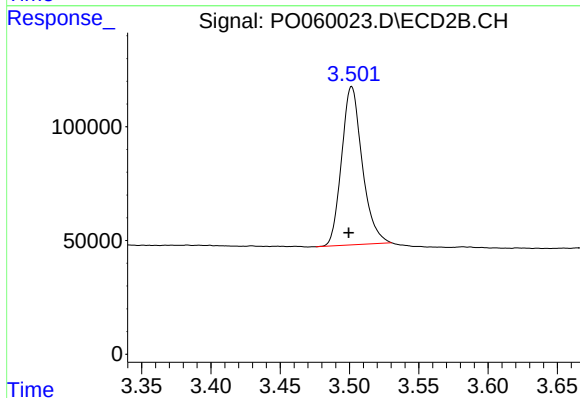
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

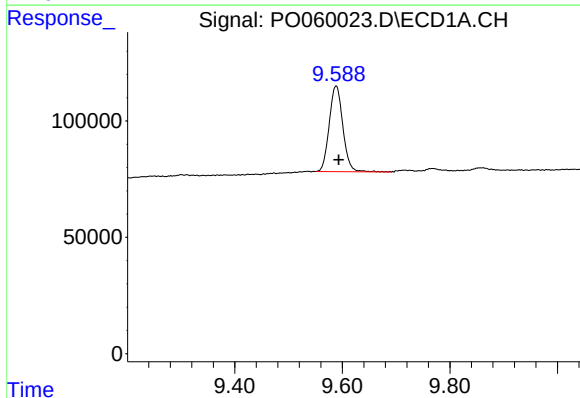
R.T.: 4.128 min
Delta R.T.: 0.004 min
Response: 904689
Conc: 25.84 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-8-GW



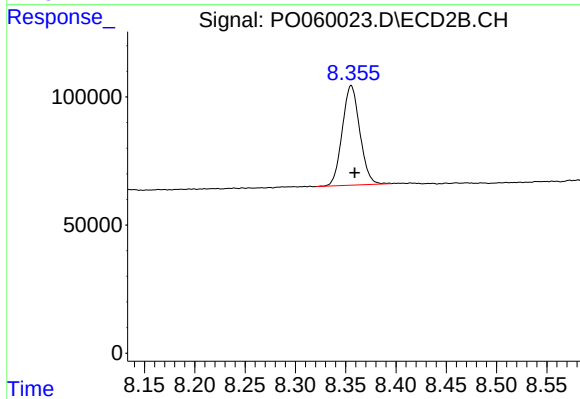
#1 Tetrachloro-m-xylene

R.T.: 3.502 min
Delta R.T.: 0.002 min
Response: 720914
Conc: 20.03 ng/ml



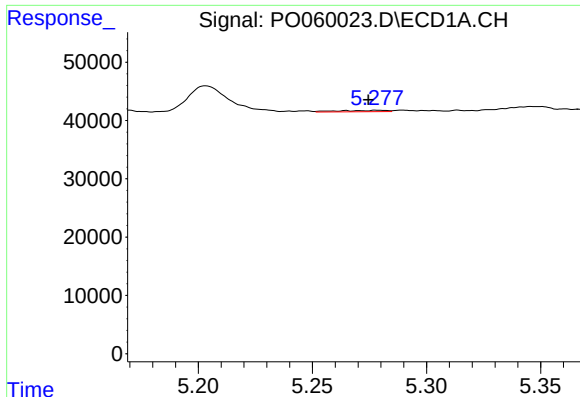
#2 Decachlorobiphenyl

R.T.: 9.588 min
Delta R.T.: -0.005 min
Response: 646165
Conc: 12.15 ng/ml



#2 Decachlorobiphenyl

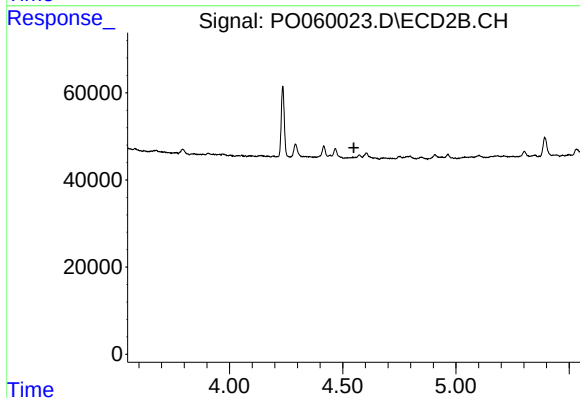
R.T.: 8.356 min
Delta R.T.: -0.004 min
Response: 472232
Conc: 11.71 ng/ml



#3 AR-1016-1

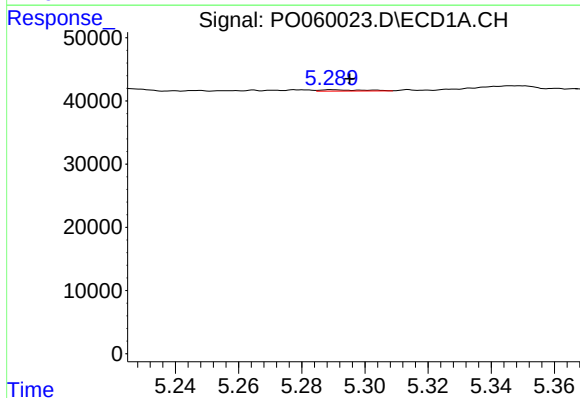
R.T.: 5.279 min
Delta R.T.: 0.004 min
Response: 3278
Conc: 2.04 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-8-GW



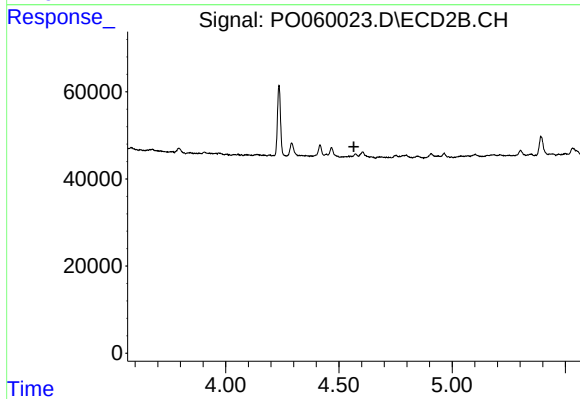
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.550 min
Response: 0
Conc: N.D.



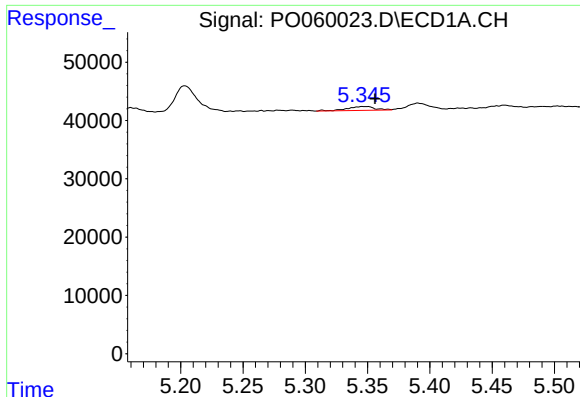
#4 AR-1016-2

R.T.: 5.290 min
Delta R.T.: -0.006 min
Response: 1868
Conc: 0.78 ng/ml



#4 AR-1016-2

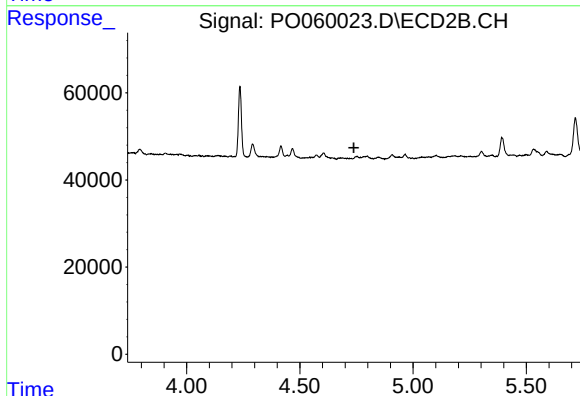
R.T.: 0.000 min
Exp R.T. : 4.566 min
Response: 0
Conc: N.D.



#5 AR-1016-3

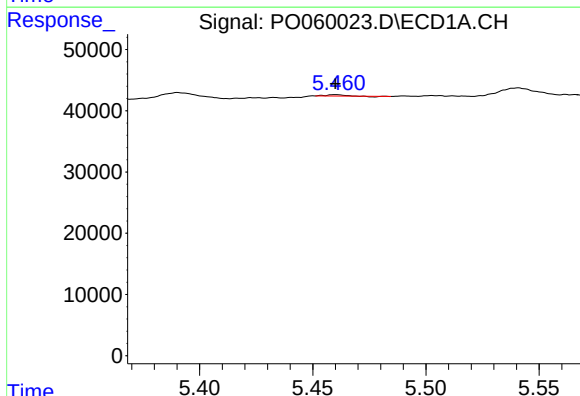
R.T.: 5.348 min
Delta R.T.: -0.008 min
Response: 10264
Conc: 6.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-8-GW



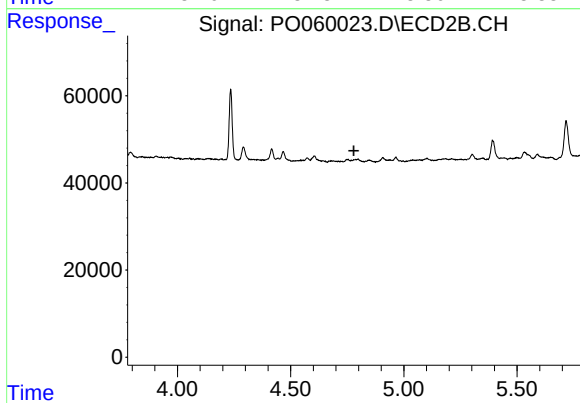
#5 AR-1016-3

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



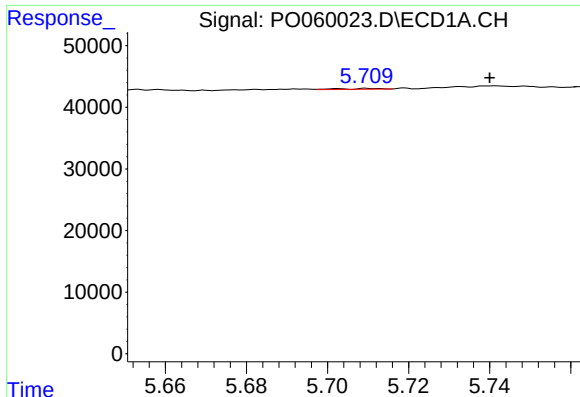
#6 AR-1016-4

R.T.: 5.460 min
Delta R.T.: 0.000 min
Response: 960
Conc: 0.79 ng/ml



#6 AR-1016-4

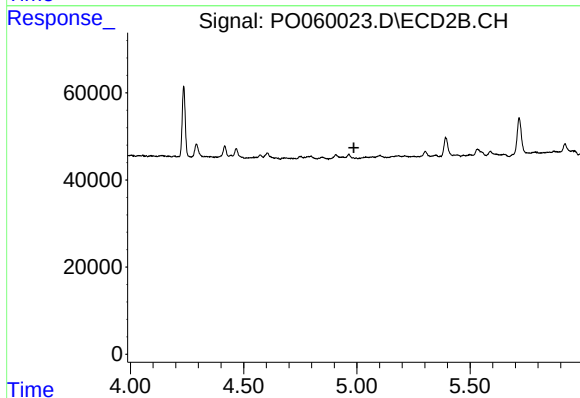
R.T.: 0.000 min
Exp R.T. : 4.779 min
Response: 0
Conc: N.D.



#7 AR-1016-5

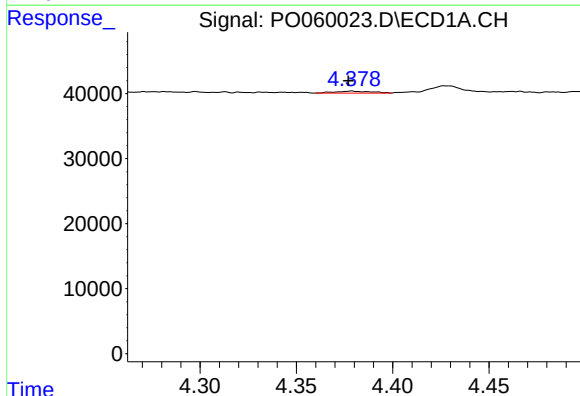
R.T.: 5.710 min
Delta R.T.: -0.030 min
Response: 944
Conc: 0.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-8-GW



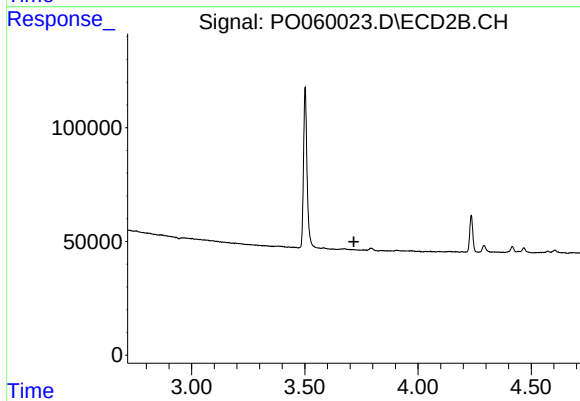
#7 AR-1016-5

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



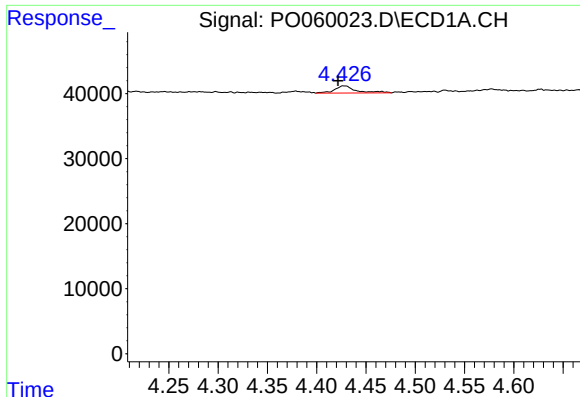
#8 AR-1221-1

R.T.: 4.379 min
Delta R.T.: 0.002 min
Response: 3796
Conc: 8.96 ng/ml



#8 AR-1221-1

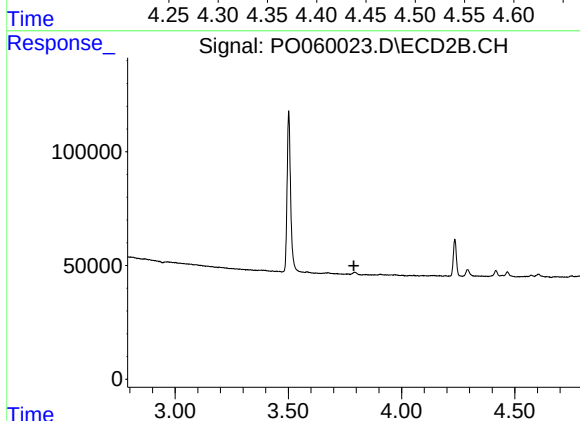
R.T.: 0.000 min
Exp R.T. : 3.717 min
Response: 0
Conc: N.D.



#9 AR-1221-2

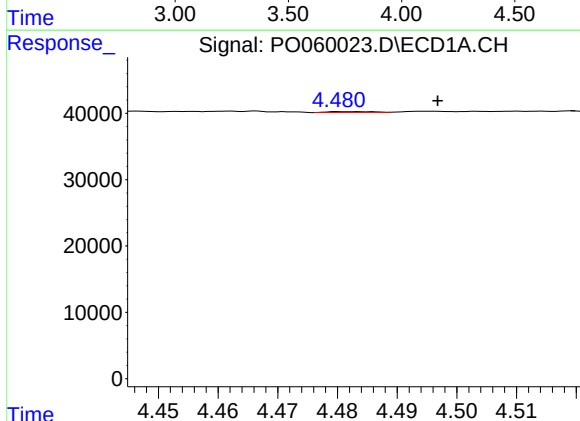
R.T.: 4.428 min
Delta R.T.: 0.006 min
Response: 16320
Conc: 50.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-8-GW



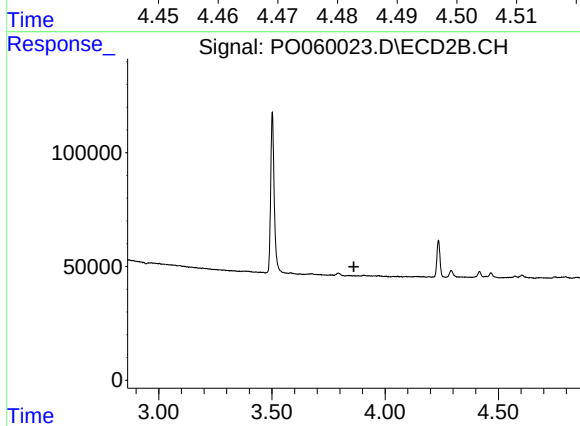
#9 AR-1221-2

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



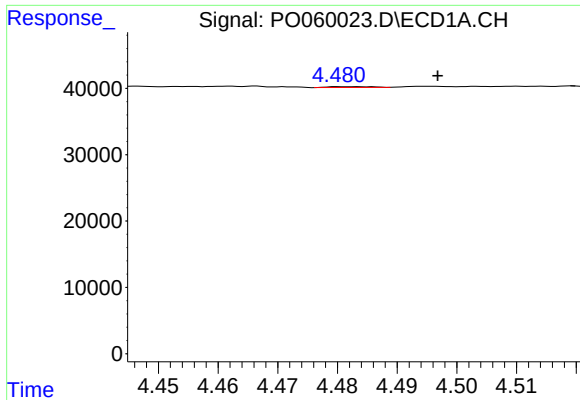
#10 AR-1221-3

R.T.: 4.482 min
Delta R.T.: -0.015 min
Response: 690
Conc: 0.66 ng/ml



#10 AR-1221-3

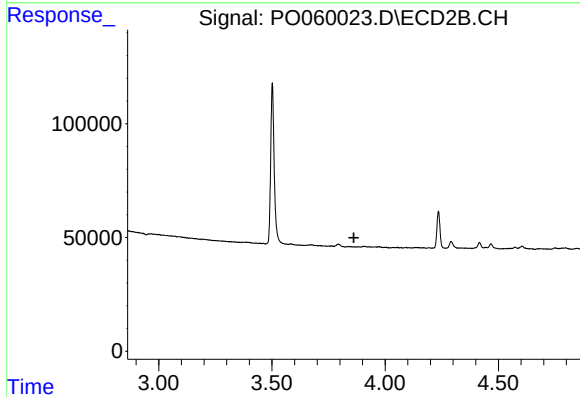
R.T.: 0.000 min
Exp R.T. : 3.862 min
Response: 0
Conc: N.D.



#11 AR-1232-1

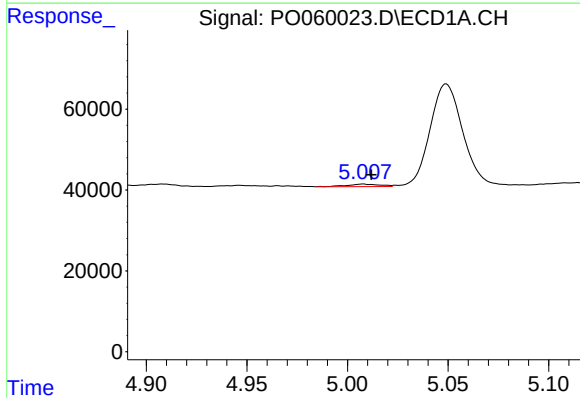
R.T.: 4.482 min
Delta R.T.: -0.015 min
Response: 690
Conc: 0.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-8-GW



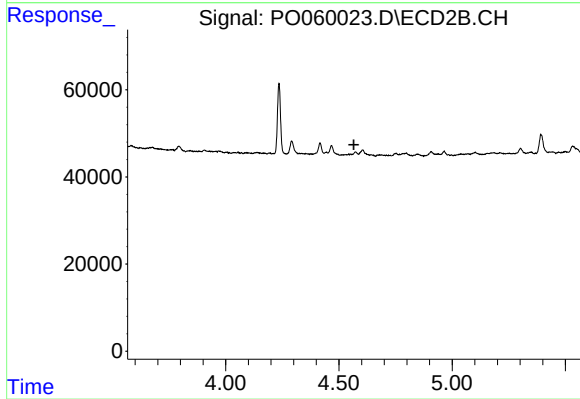
#11 AR-1232-1

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



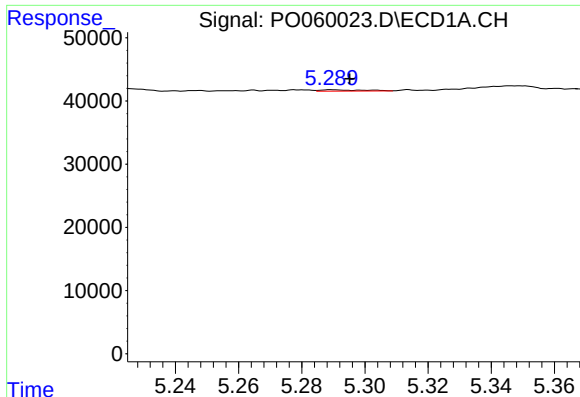
#12 AR-1232-2

R.T.: 5.008 min
Delta R.T.: -0.004 min
Response: 6889
Conc: 9.75 ng/ml



#12 AR-1232-2

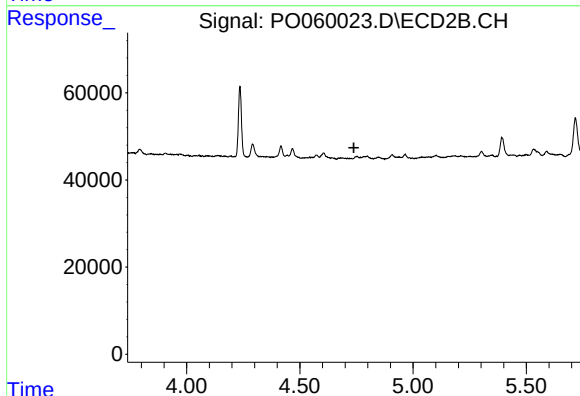
R.T.: 0.000 min
Exp R.T. : 4.566 min
Response: 0
Conc: N.D.



#13 AR-1232-3

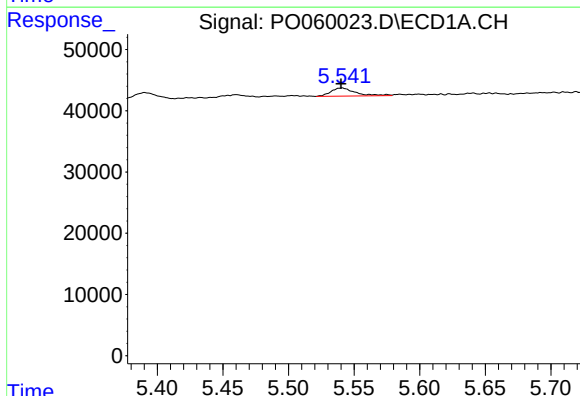
R.T.: 5.290 min
Delta R.T.: -0.006 min
Response: 1868
Conc: 1.22 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-8-GW



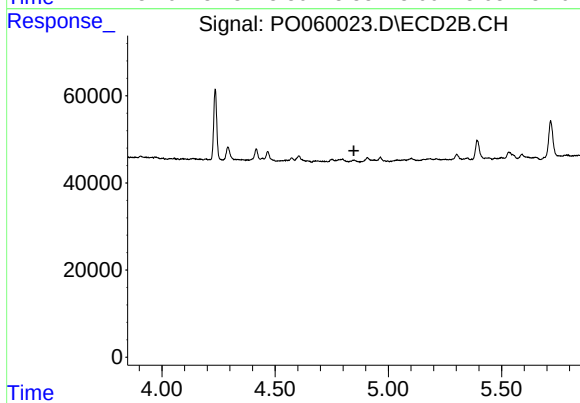
#13 AR-1232-3

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



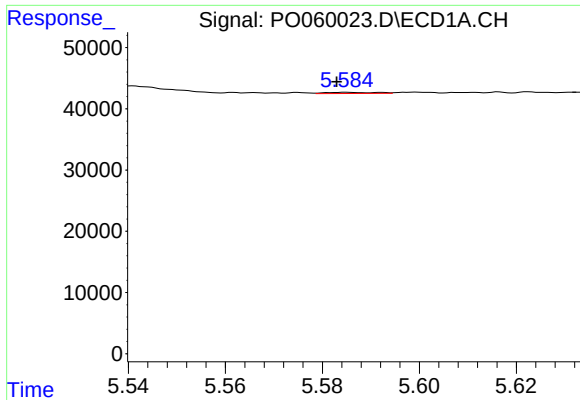
#14 AR-1232-4

R.T.: 5.541 min
Delta R.T.: 0.000 min
Response: 17100
Conc: 21.87 ng/ml



#14 AR-1232-4

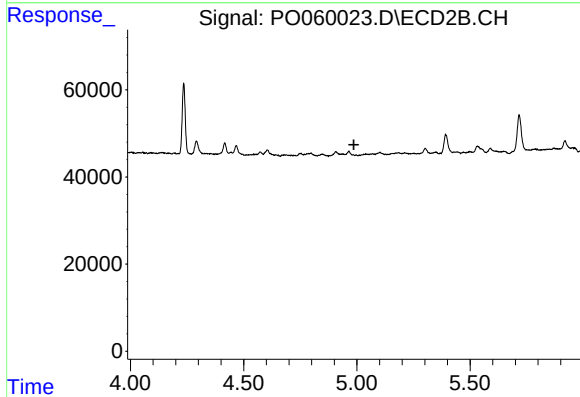
R.T.: 0.000 min
Exp R.T. : 4.848 min
Response: 0
Conc: N.D.



#15 AR-1232-5

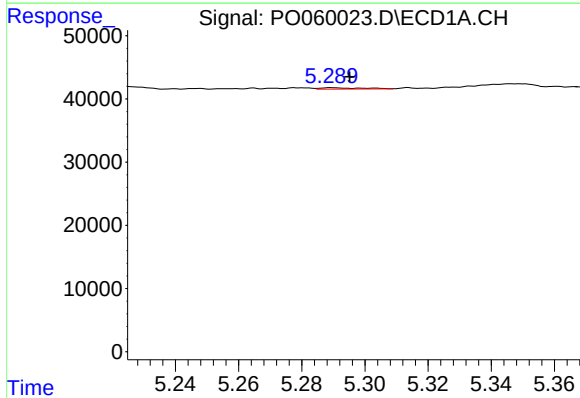
R.T.: 5.585 min
Delta R.T.: 0.002 min
Response: 1324
Conc: 2.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-8-GW



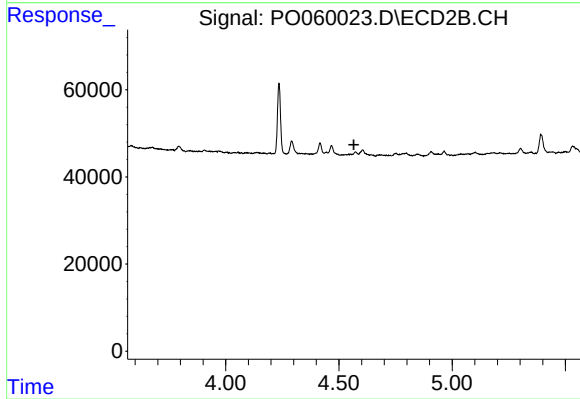
#15 AR-1232-5

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



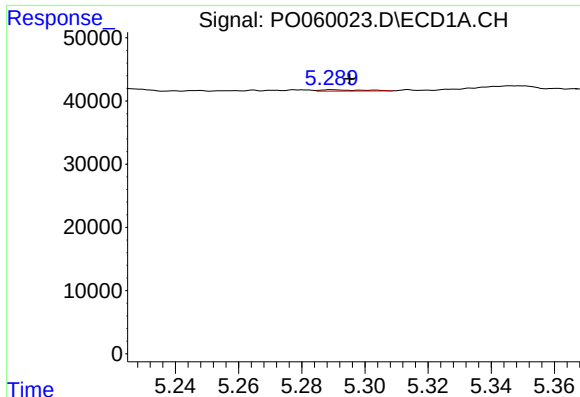
#16 AR-1242-1

R.T.: 5.290 min
Delta R.T.: -0.006 min
Response: 1868
Conc: 1.47 ng/ml



#16 AR-1242-1

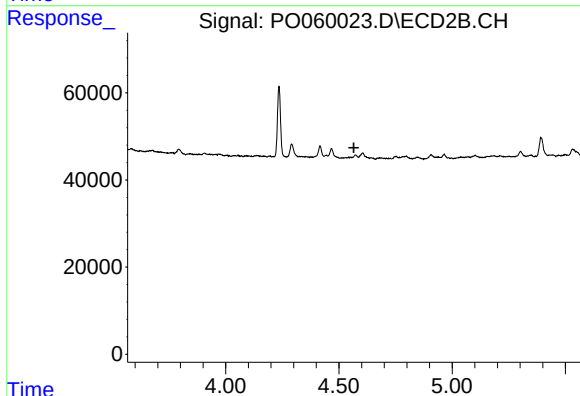
R.T.: 0.000 min
Exp R.T. : 4.566 min
Response: 0
Conc: N.D.



#17 AR-1242-2

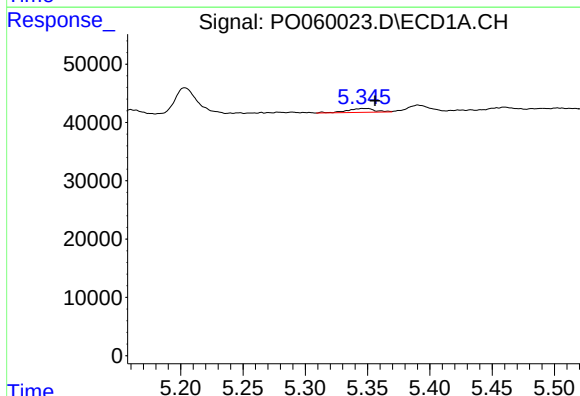
R.T.: 5.290 min
Delta R.T.: -0.006 min
Response: 1868
Conc: 1.01 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-8-GW



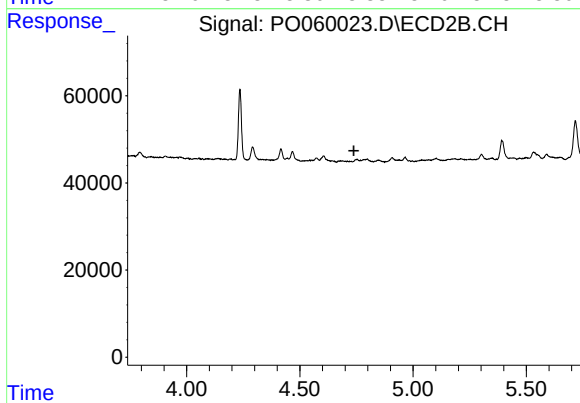
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.566 min
Response: 0
Conc: N.D.



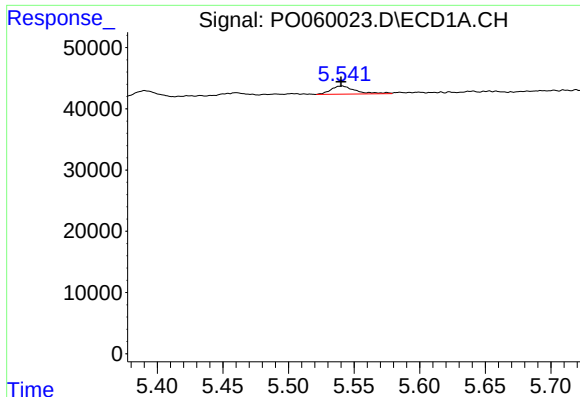
#18 AR-1242-3

R.T.: 5.348 min
Delta R.T.: -0.008 min
Response: 10264
Conc: 8.78 ng/ml



#18 AR-1242-3

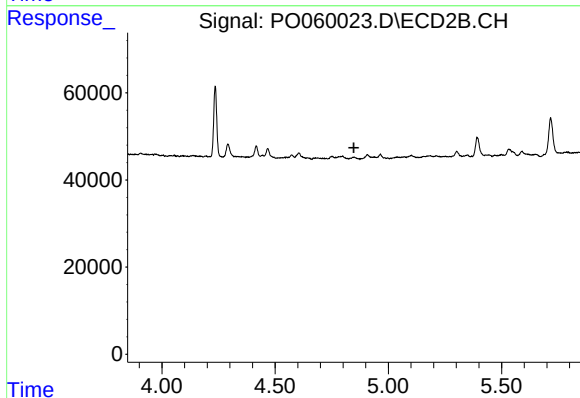
R.T.: 0.000 min
Exp R.T. : 4.738 min
Response: 0
Conc: N.D.



#19 AR-1242-4

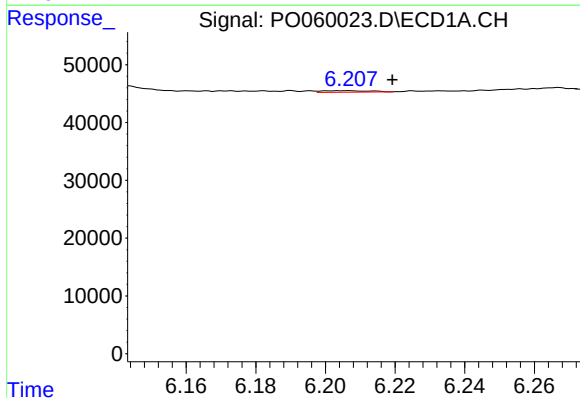
R.T.: 5.541 min
Delta R.T.: 0.000 min
Response: 17100
Conc: 17.67 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-8-GW



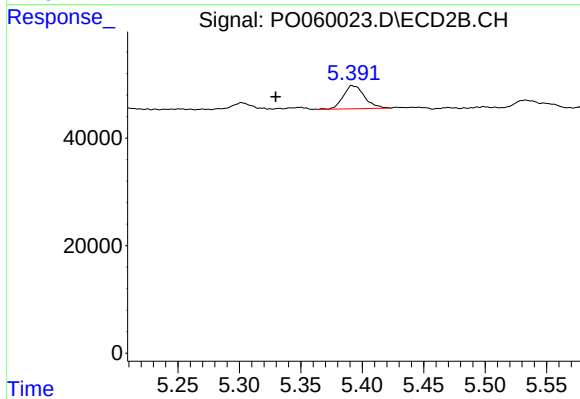
#19 AR-1242-4

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



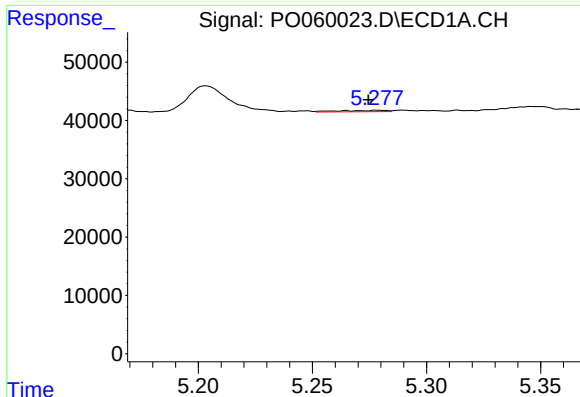
#20 AR-1242-5

R.T.: 6.206 min
Delta R.T.: -0.013 min
Response: 2436
Conc: 1.94 ng/ml



#20 AR-1242-5

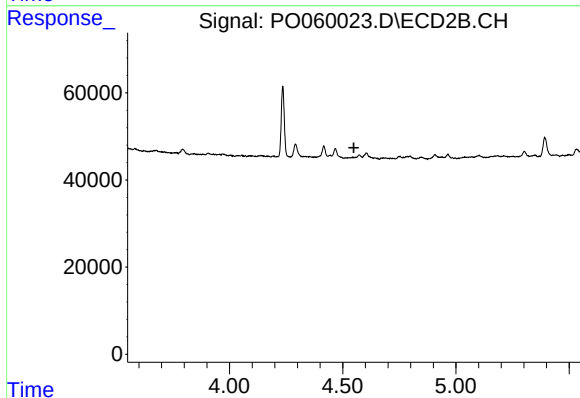
R.T.: 5.392 min
Delta R.T.: 0.063 min
Response: 51890
Conc: 46.39 ng/ml



#21 AR-1248-1

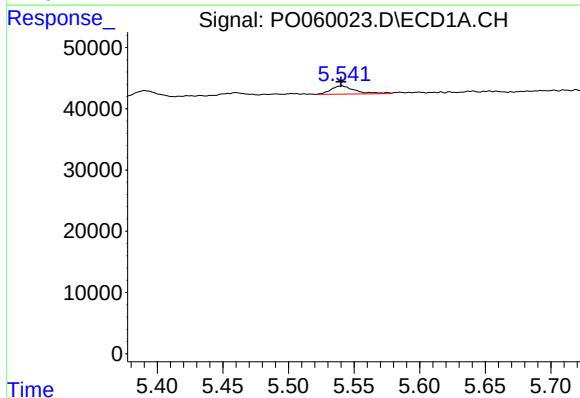
R.T.: 5.279 min
Delta R.T.: 0.004 min
Response: 3278
Conc: 3.27 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-8-GW



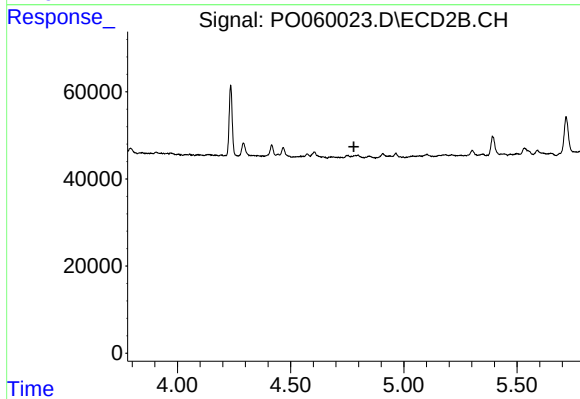
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.550 min
Response: 0
Conc: N.D.



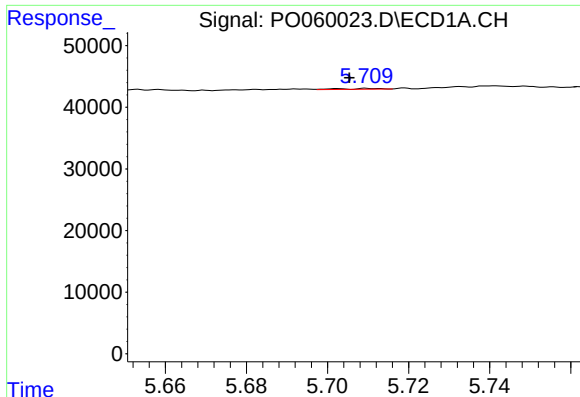
#22 AR-1248-2

R.T.: 5.541 min
Delta R.T.: 0.000 min
Response: 17100
Conc: 11.79 ng/ml



#22 AR-1248-2

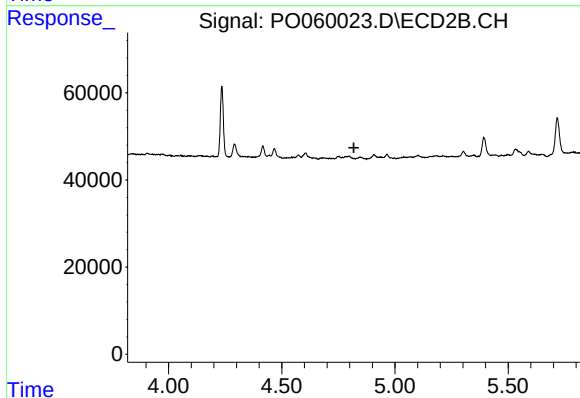
R.T.: 0.000 min
Exp R.T. : 4.779 min
Response: 0
Conc: N.D.



#23 AR-1248-3

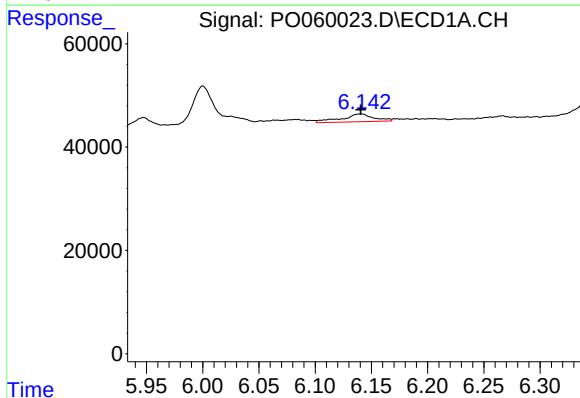
R.T.: 5.710 min
Delta R.T.: 0.005 min
Response: 944
Conc: 0.57 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-8-GW



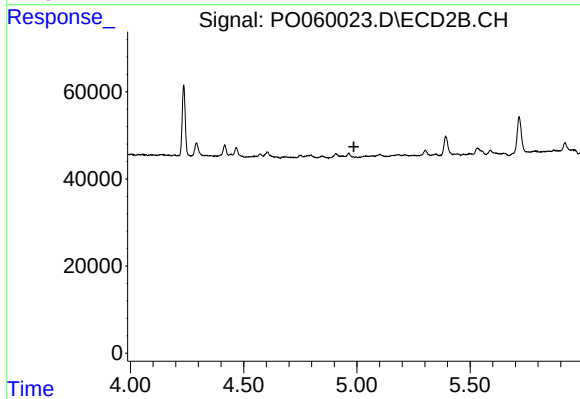
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 4.819 min
Response: 0
Conc: N.D.



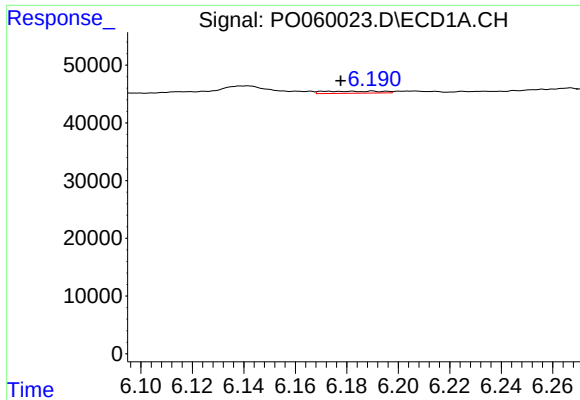
#24 AR-1248-4

R.T.: 6.141 min
Delta R.T.: 0.000 min
Response: 30446
Conc: 14.89 ng/ml



#24 AR-1248-4

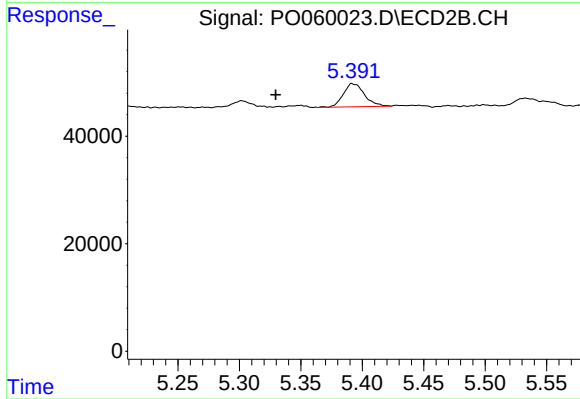
R.T.: 0.000 min
Exp R.T. : 4.987 min
Response: 0
Conc: N.D.



#25 AR-1248-5

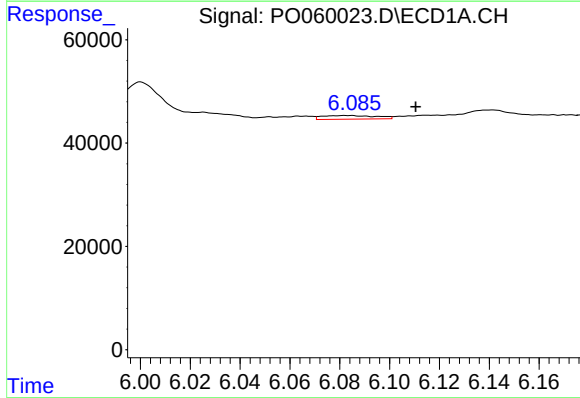
R.T.: 6.172 min
Delta R.T.: -0.006 min
Response: 5621
Conc: 2.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-8-GW



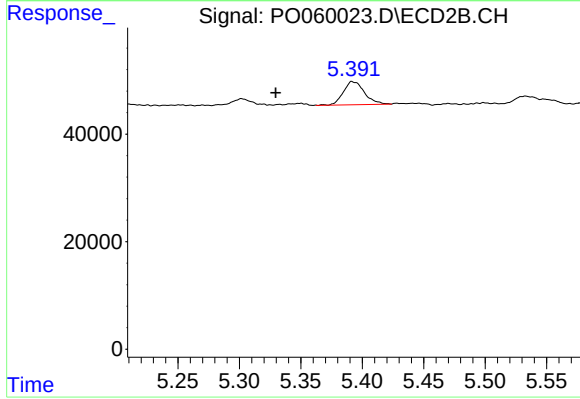
#25 AR-1248-5

R.T.: 5.392 min
Delta R.T.: 0.063 min
Response: 51890
Conc: 36.25 ng/ml



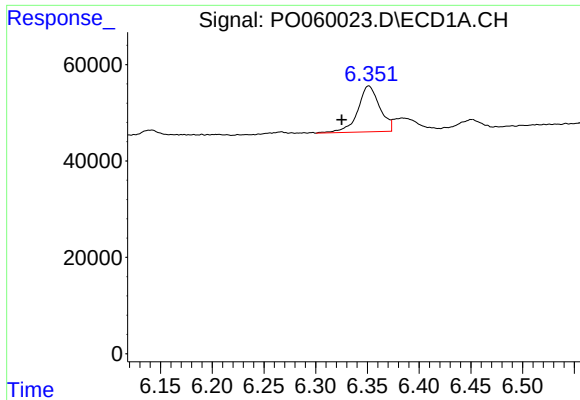
#26 AR-1254-1

R.T.: 6.084 min
Delta R.T.: -0.027 min
Response: 10833
Conc: 5.19 ng/ml



#26 AR-1254-1

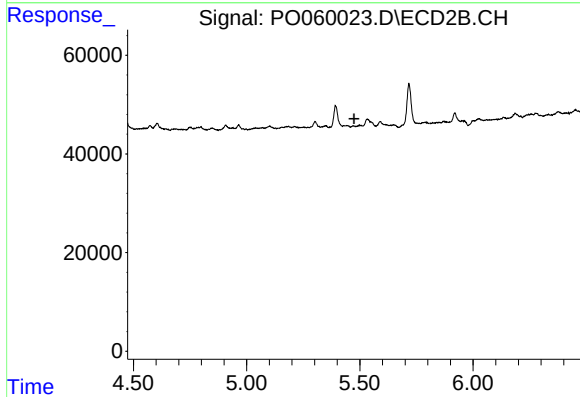
R.T.: 5.392 min
Delta R.T.: 0.063 min
Response: 51890
Conc: 21.88 ng/ml



#27 AR-1254-2

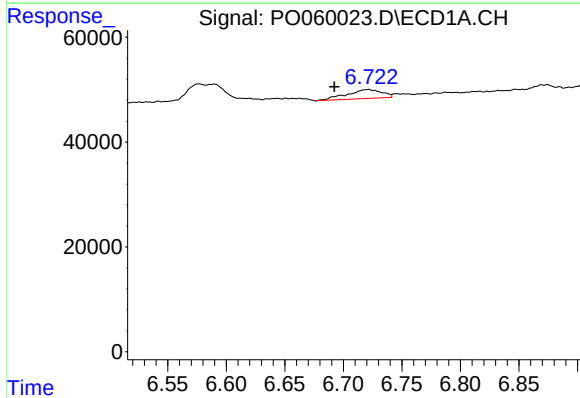
R.T.: 6.351 min
Delta R.T.: 0.026 min
Response: 140385
Conc: 42.08 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-8-GW



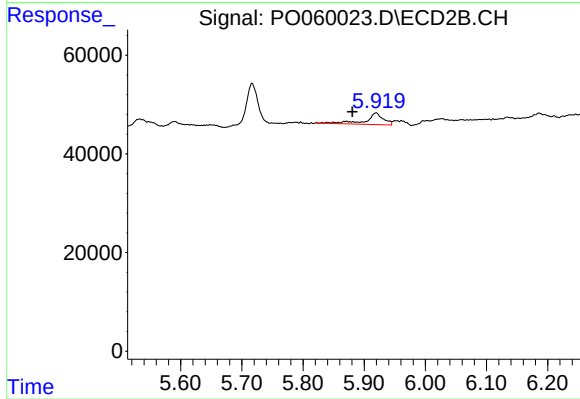
#27 AR-1254-2

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



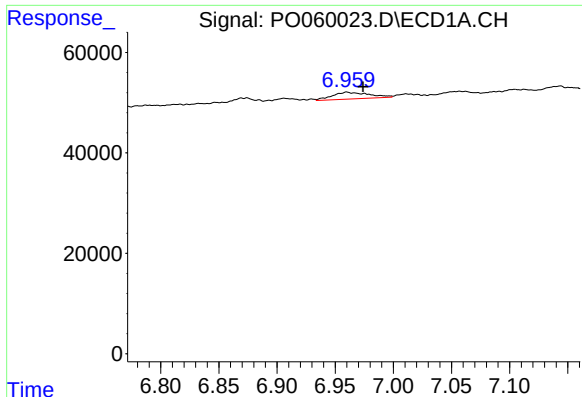
#28 AR-1254-3

R.T.: 6.721 min
Delta R.T.: 0.029 min
Response: 36201
Conc: 10.20 ng/ml



#28 AR-1254-3

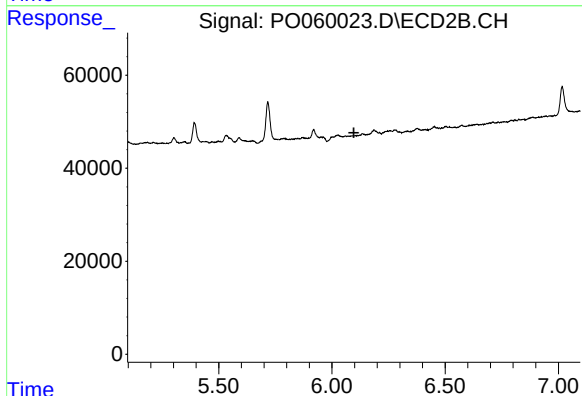
R.T.: 5.920 min
Delta R.T.: 0.039 min
Response: 47817
Conc: 14.22 ng/ml



#29 AR-1254-4

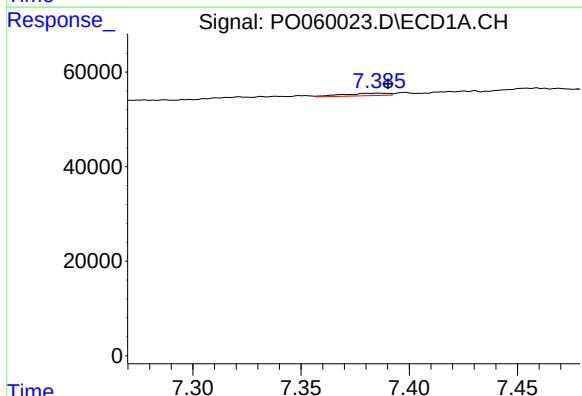
R.T.: 6.960 min
Delta R.T.: -0.014 min
Response: 29309
Conc: 9.95 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-8-GW



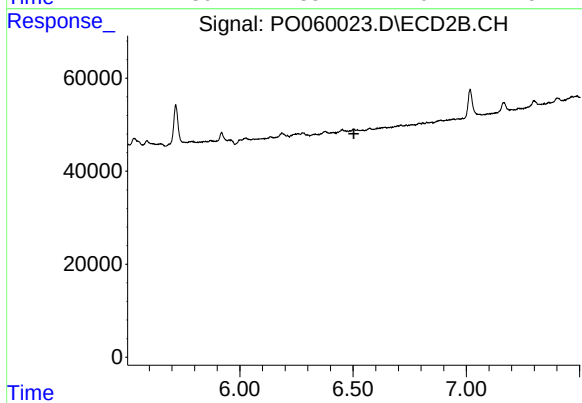
#29 AR-1254-4

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



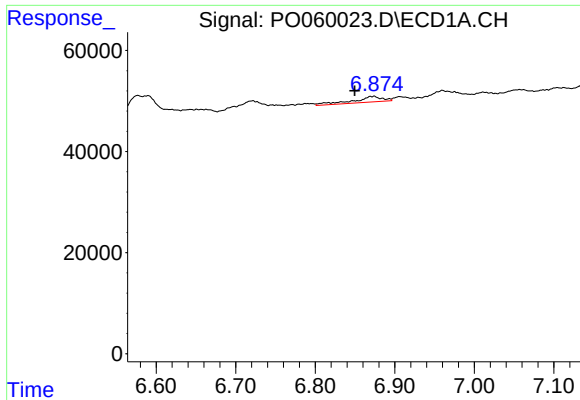
#30 AR-1254-5

R.T.: 7.386 min
Delta R.T.: -0.004 min
Response: 7282
Conc: 2.35 ng/ml



#30 AR-1254-5

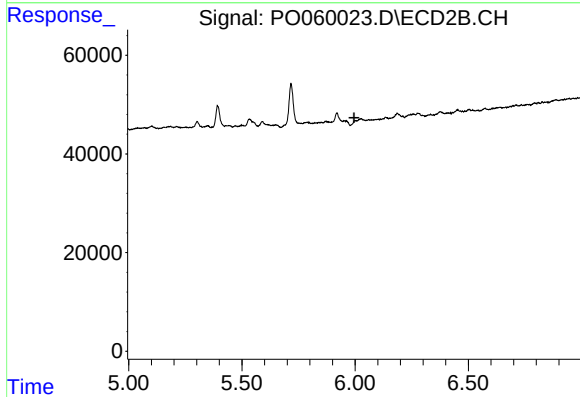
R.T.: 0.000 min
Exp R.T. : 6.503 min
Response: 0
Conc: N.D.



#31 AR-1260-1

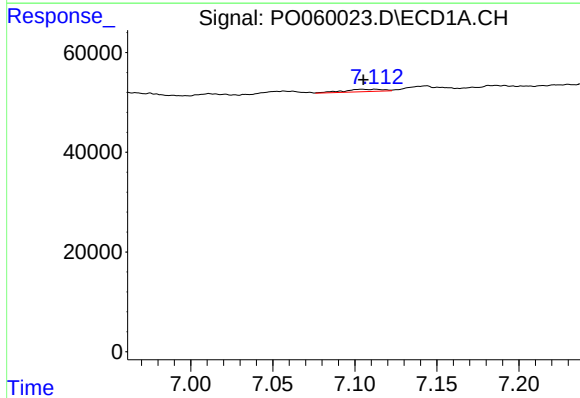
R.T.: 6.874 min
Delta R.T.: 0.024 min
Response: 28595
Conc: 10.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-8-GW



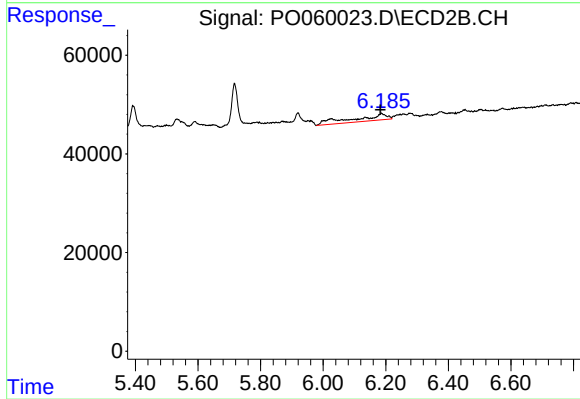
#31 AR-1260-1

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



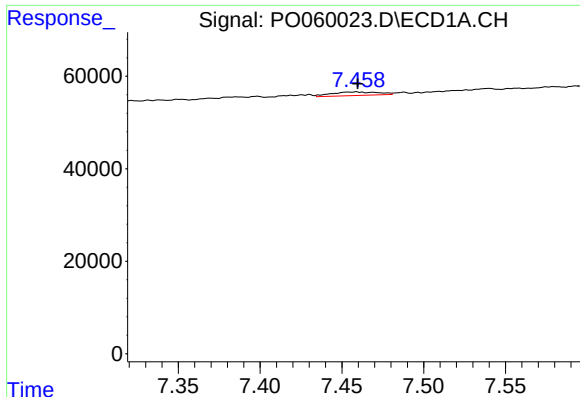
#32 AR-1260-2

R.T.: 7.104 min
Delta R.T.: 0.000 min
Response: 7787
Conc: 2.10 ng/ml



#32 AR-1260-2

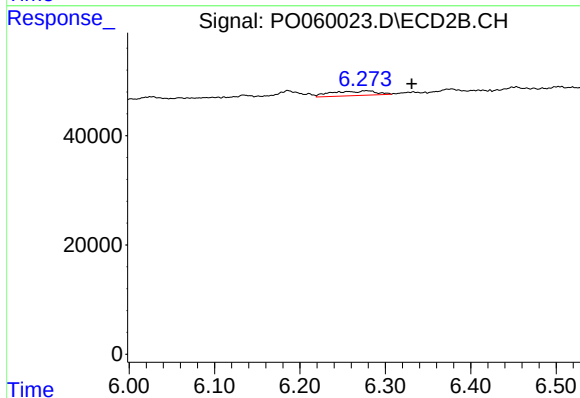
R.T.: 6.186 min
Delta R.T.: 0.003 min
Response: 98225
Conc: 33.53 ng/ml



#33 AR-1260-3

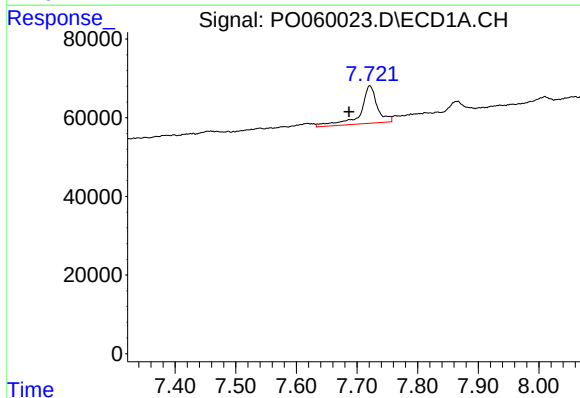
R.T.: 7.459 min
Delta R.T.: 0.000 min
Response: 15486
Conc: 4.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-8-GW



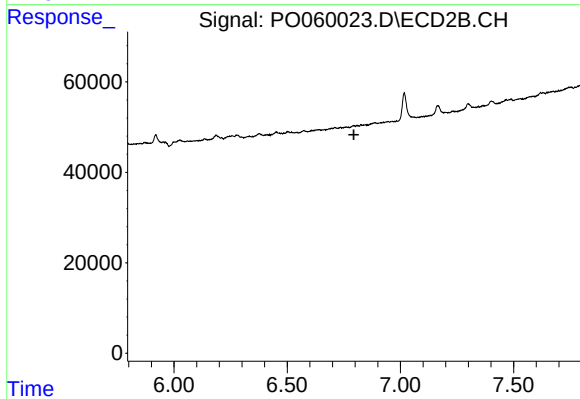
#33 AR-1260-3

R.T.: 6.278 min
Delta R.T.: -0.053 min
Response: 30393
Conc: 11.47 ng/ml



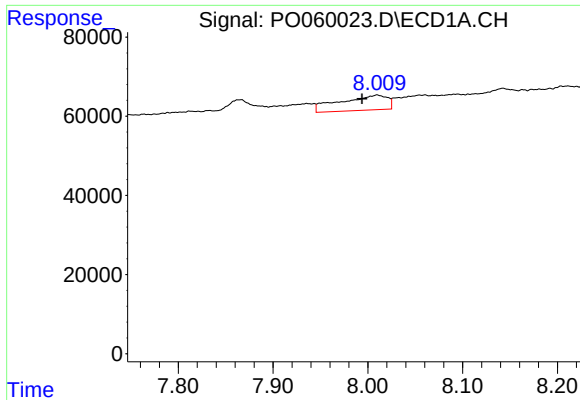
#34 AR-1260-4

R.T.: 7.721 min
Delta R.T.: 0.034 min
Response: 181567
Conc: 59.12 ng/ml



#34 AR-1260-4

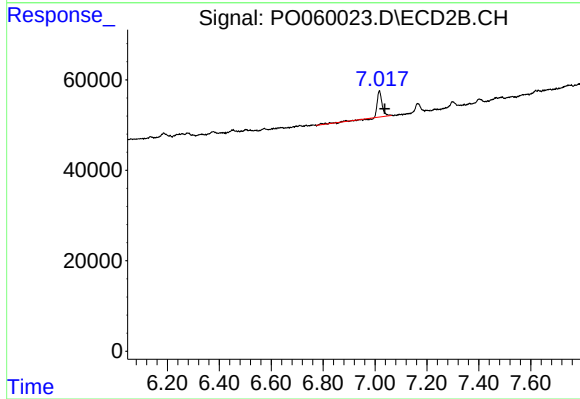
R.T.: 0.000 min
Exp R.T.: 6.794 min
Response: 0
Conc: N.D.



#35 AR-1260-5

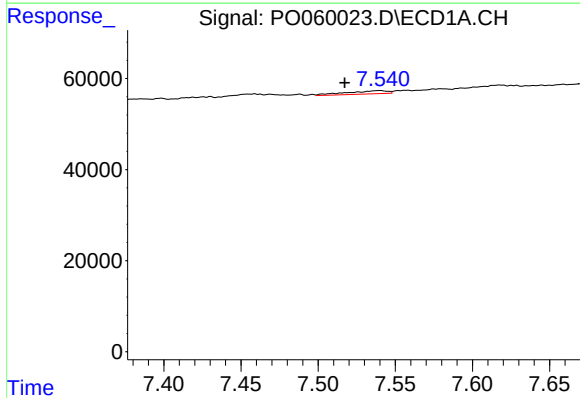
R.T.: 8.010 min
Delta R.T.: 0.016 min
Response: 131033
Conc: 18.51 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-8-GW



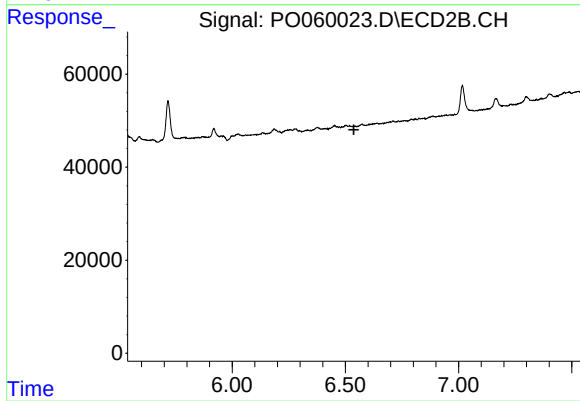
#35 AR-1260-5

R.T.: 7.017 min
Delta R.T.: -0.020 min
Response: 76155
Conc: 13.84 ng/ml



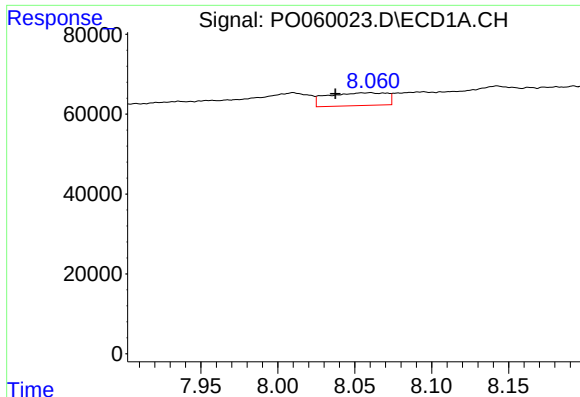
#36 AR-1262-1

R.T.: 7.540 min
Delta R.T.: 0.023 min
Response: 12789
Conc: 2.64 ng/ml



#36 AR-1262-1

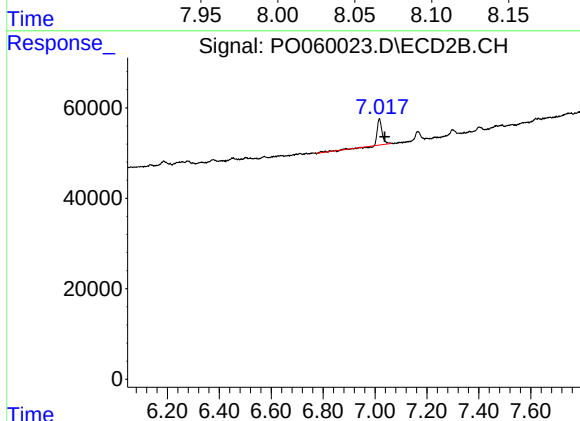
R.T.: 0.000 min
Exp R.T.: 6.538 min
Response: 0
Conc: N.D.



#37 AR-1262-2

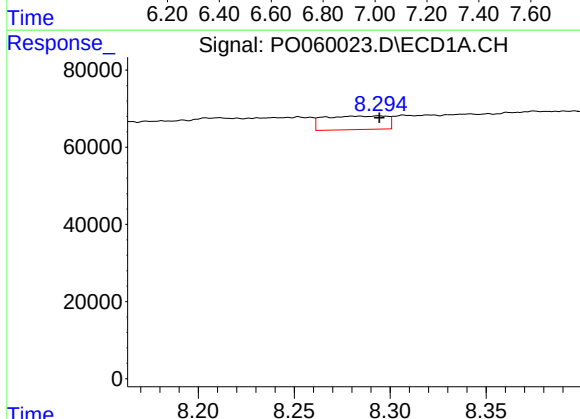
R.T.: 8.060 min
Delta R.T.: 0.023 min
Response: 86412
Conc: 11.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-8-GW



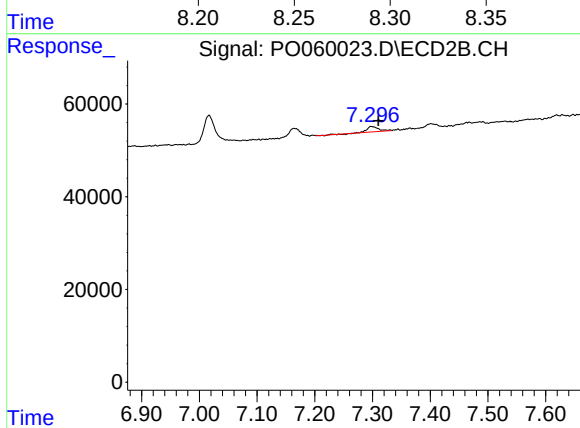
#37 AR-1262-2

R.T.: 7.017 min
Delta R.T.: -0.020 min
Response: 76155
Conc: 12.95 ng/ml



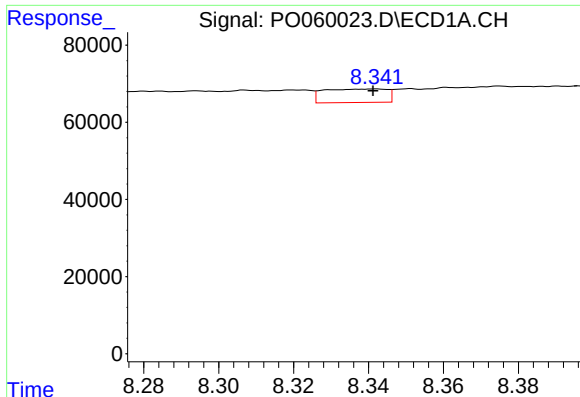
#38 AR-1262-3

R.T.: 8.294 min
Delta R.T.: 0.000 min
Response: 80315
Conc: 15.74 ng/ml



#38 AR-1262-3

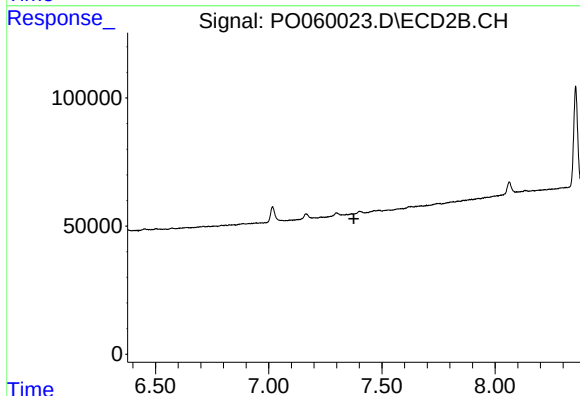
R.T.: 7.298 min
Delta R.T.: -0.012 min
Response: 15535
Conc: 6.11 ng/ml



#39 AR-1262-4

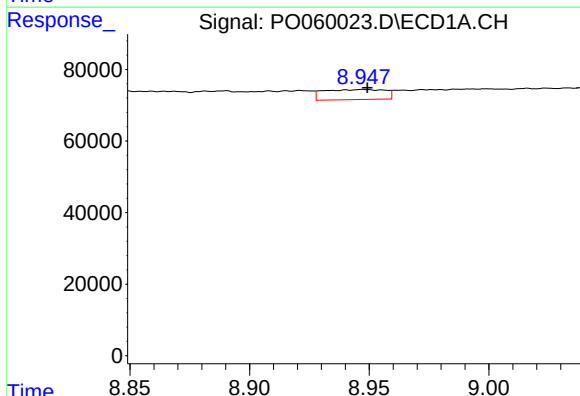
R.T.: 8.342 min
Delta R.T.: 0.000 min
Response: 40898
Conc: 10.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-8-GW



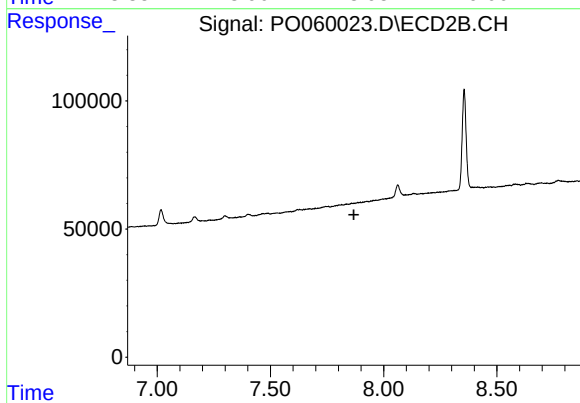
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 7.376 min
Response: 0
Conc: N.D.



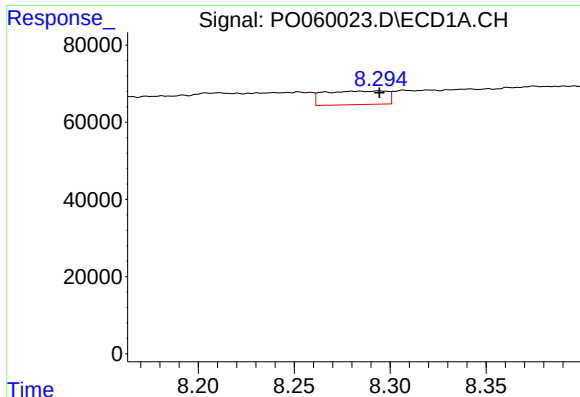
#40 AR-1262-5

R.T.: 8.948 min
Delta R.T.: -0.002 min
Response: 49921
Conc: 19.45 ng/ml



#40 AR-1262-5

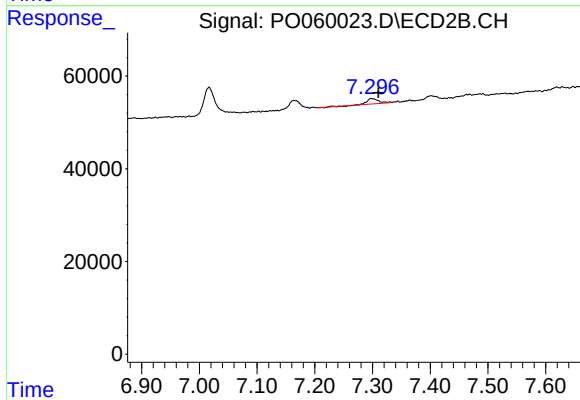
R.T.: 0.000 min
Exp R.T. : 7.868 min
Response: 0
Conc: N.D.



#41 AR-1268-1

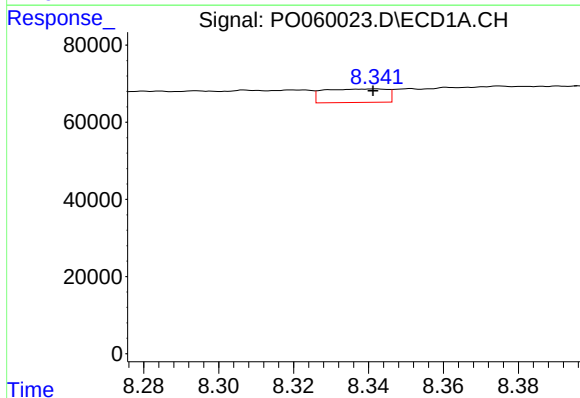
R.T.: 8.294 min
Delta R.T.: 0.000 min
Response: 80315
Conc: 8.53 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-8-GW



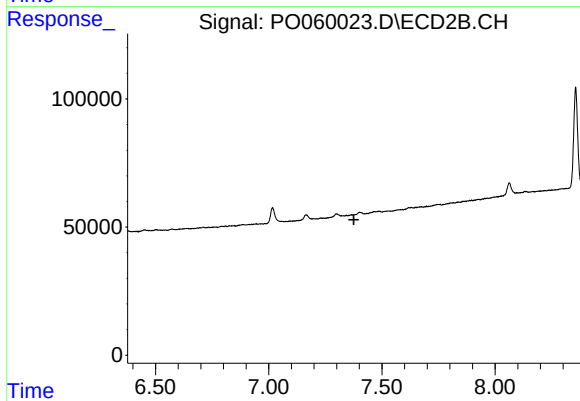
#41 AR-1268-1

R.T.: 7.298 min
Delta R.T.: -0.012 min
Response: 15535
Conc: 2.18 ng/ml



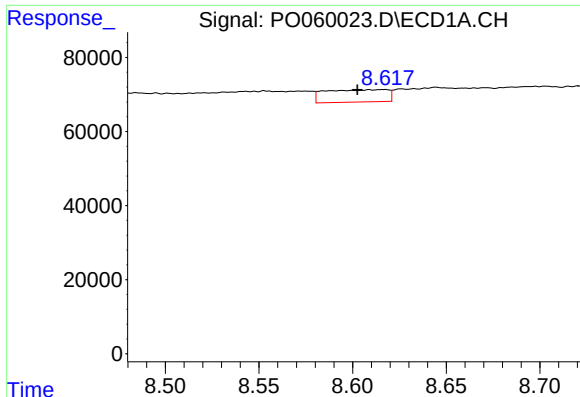
#42 AR-1268-2

R.T.: 8.342 min
Delta R.T.: 0.000 min
Response: 40898
Conc: 5.19 ng/ml



#42 AR-1268-2

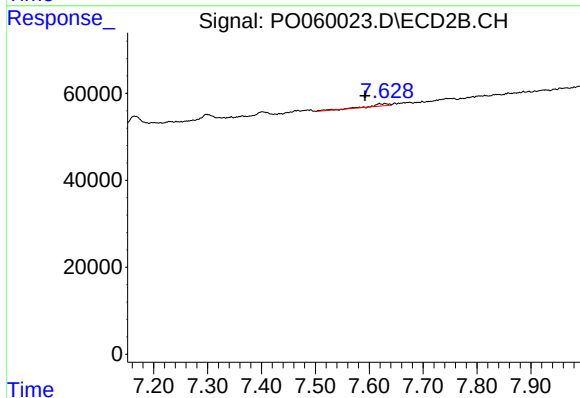
R.T.: 0.000 min
Exp R.T.: 7.376 min
Response: 0
Conc: N.D.



#43 AR-1268-3

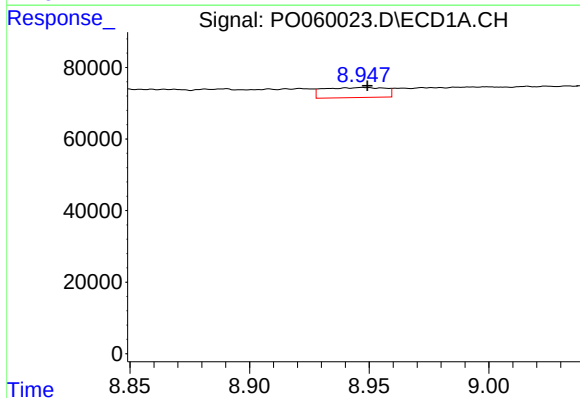
R.T.: 8.617 min
Delta R.T.: 0.014 min
Response: 76771
Conc: 10.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-8-GW



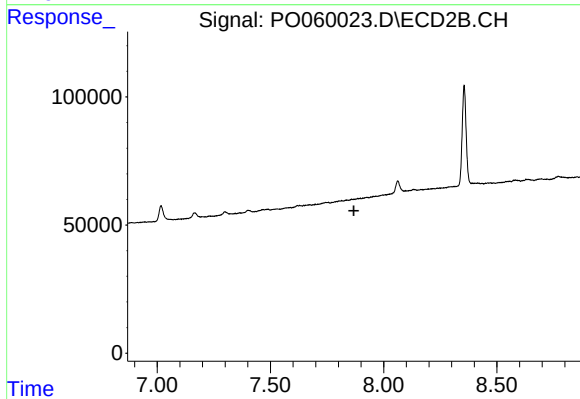
#43 AR-1268-3

R.T.: 7.629 min
Delta R.T.: 0.037 min
Response: 12529
Conc: 2.29 ng/ml



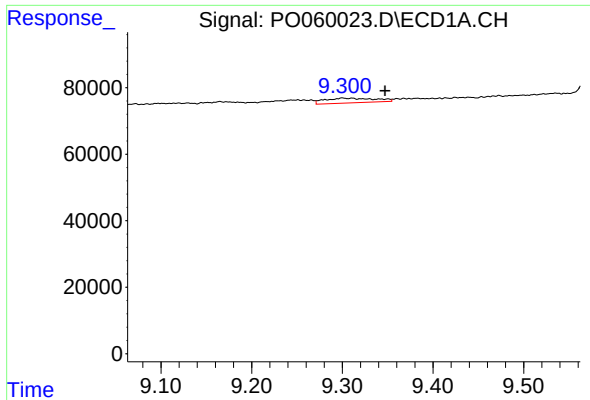
#44 AR-1268-4

R.T.: 8.948 min
Delta R.T.: -0.002 min
Response: 49921
Conc: 17.96 ng/ml



#44 AR-1268-4

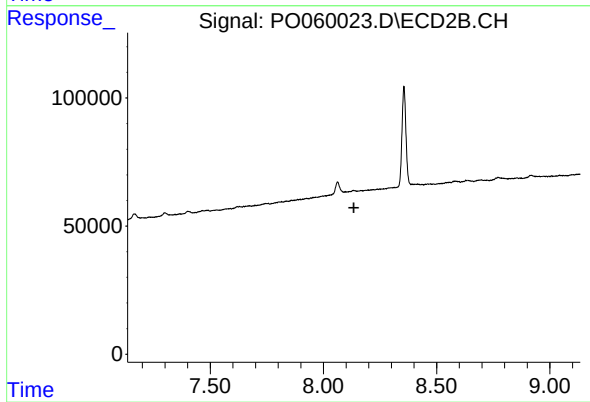
R.T.: 0.000 min
Exp R.T.: 7.868 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.300 min
Delta R.T.: -0.047 min
Response: 54708
Conc: 2.97 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-8-GW



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.135 min
Response: 0
Conc: N.D.