

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0090319\
 Data File : P0060257.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 03 Sep 2019 20:29
 Operator : SM/AJ
 Sample : K4554-46
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 SB-2-(13-15)

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 04 03:40:38 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0081719.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 30 18:12:46 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
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System Monitoring Compounds

1) SA Tetrachlo...	4.111	3.492	897959	771287	25.647	21.427
2) SA Decachlor...	9.562	8.342	866369	689171	16.285	17.092

Target Compounds

3) L1 AR-1016-1	5.289	0.000	1704	0	1.062	N.D. #
4) L1 AR-1016-2	5.289	0.000	1704	0	0.712	N.D. #
5) L1 AR-1016-3	5.347	0.000	611	0	0.410	N.D. #
6) L1 AR-1016-4	5.428	0.000	531	0	0.439	N.D. #
7) L1 AR-1016-5	5.729	0.000	2042	0	1.590	N.D. #
8) L2 AR-1221-1	4.382	0.000	1130	0	2.668	N.D. #
9) L2 AR-1221-2	4.411	0.000	14490	0	44.613	N.D. #
10) L2 AR-1221-3	4.484	0.000	4639	0	4.410	N.D. #
11) L3 AR-1232-1	4.484	0.000	4639	0	3.722	N.D. #
12) L3 AR-1232-2	5.009	0.000	770	0	1.090	N.D. #
13) L3 AR-1232-3	5.289	0.000	1704	0	1.113	N.D. #
14) L3 AR-1232-4	5.536	0.000	413	0	0.528	N.D. #
15) L3 AR-1232-5	5.599	0.000	1685	0	2.803	N.D. #
16) L4 AR-1242-1	5.289	0.000	1704	0	1.342	N.D. #
17) L4 AR-1242-2	5.289	0.000	1704	0	0.918	N.D. #
18) L4 AR-1242-3	5.347	0.000	611	0	0.523	N.D. #
19) L4 AR-1242-4	5.536	0.000	413	0	0.427	N.D. #
20) L4 AR-1242-5	6.231	0.000	706	0	0.562	N.D. #
21) L5 AR-1248-1	5.289	0.000	1704	0	1.700	N.D. #
22) L5 AR-1248-2	5.536	0.000	413	0	0.285	N.D. #
23) L5 AR-1248-3	5.729	0.000	2042	0	1.229	N.D. #
24) L5 AR-1248-4	6.163	0.000	2952	0	1.444	N.D. #
25) L5 AR-1248-5	6.179	0.000	815	0	0.411	N.D. #
26) L6 AR-1254-1	6.113	0.000	1400	0	0.671	N.D. #
27) L6 AR-1254-2	6.311	0.000	2472	0	0.741	N.D. #
28) L6 AR-1254-3	6.688	0.000	3189	0	0.899	N.D. #
29) L6 AR-1254-4	6.928	0.000	1828	0	0.621	N.D. #
30) L6 AR-1254-5	7.375	0.000	5983	0	1.935	N.D. #
31) L7 AR-1260-1	6.855	0.000	1117	0	0.415	N.D. #
32) L7 AR-1260-2	7.104	0.000	1044	0	0.281	N.D. #
33) L7 AR-1260-3	7.447	0.000	12480	0	3.809	N.D. #
36) L8 AR-1262-1	7.474	0.000	3601	0	0.742	N.D. #
38) L8 AR-1262-3	8.288	0.000	172893	0	33.885	N.D. #
39) L8 AR-1262-4	8.381	0.000	175065	0	45.416	N.D. #
40) L8 AR-1262-5	8.953	0.000	22901	0	8.923	N.D. #
41) L9 AR-1268-1	8.288	0.000	172893	0	18.372	N.D. #
42) L9 AR-1268-2	8.381	0.000	175065	0	22.209	N.D. #
43) L9 AR-1268-3	8.597	0.000	108211	0	15.352	N.D. #
44) L9 AR-1268-4	8.953	0.000	22901	0	8.238	N.D. #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0090319\
Data File : P0060257.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 03 Sep 2019 20:29
Operator : SM/AJ
Sample : K4554-46
Misc :
ALS Vial : 36 Sample Multiplier: 1

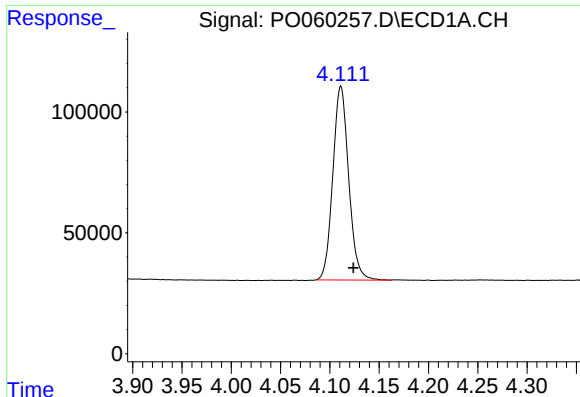
Instrument :
ECD_O
ClientSampleId :
SB-2-(13-15)

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 04 03:40:38 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0081719.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 30 18:12:46 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
45) L9	AR-1268-5	9.349	0.000	6290	0	0.341	N.D. #

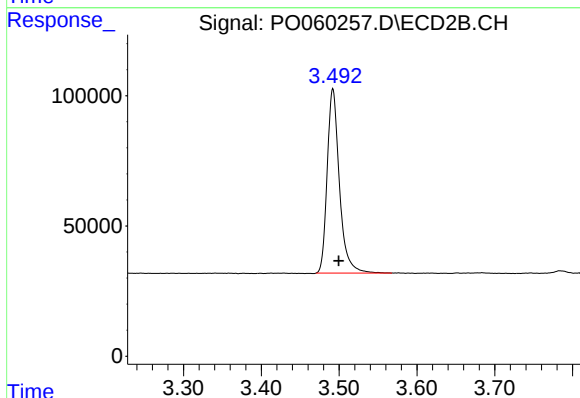
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

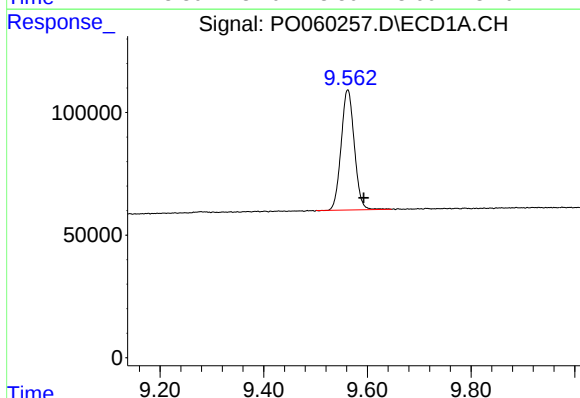
R.T.: 4.111 min
Delta R.T.: -0.013 min
Response: 897959
Conc: 25.65 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-2-(13-15)



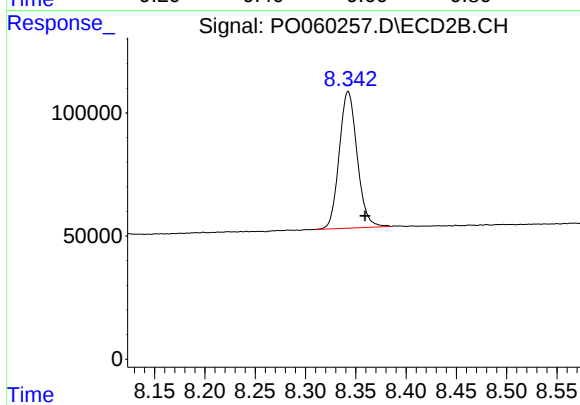
#1 Tetrachloro-m-xylene

R.T.: 3.492 min
Delta R.T.: -0.007 min
Response: 771287
Conc: 21.43 ng/ml



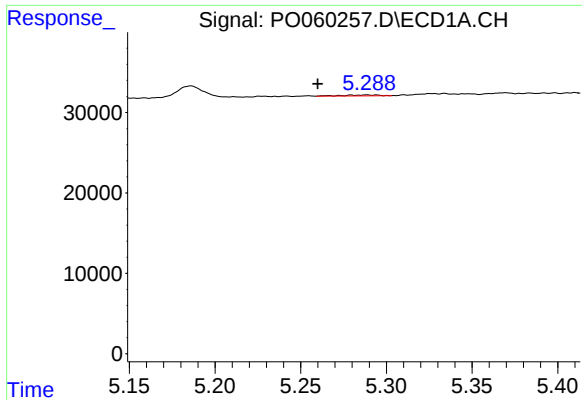
#2 Decachlorobiphenyl

R.T.: 9.562 min
Delta R.T.: -0.031 min
Response: 866369
Conc: 16.29 ng/ml



#2 Decachlorobiphenyl

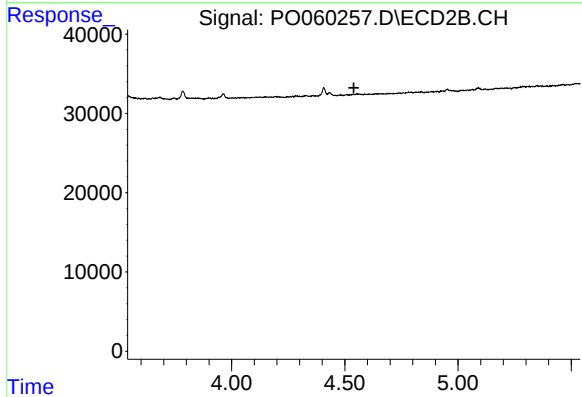
R.T.: 8.342 min
Delta R.T.: -0.017 min
Response: 689171
Conc: 17.09 ng/ml



#3 AR-1016-1

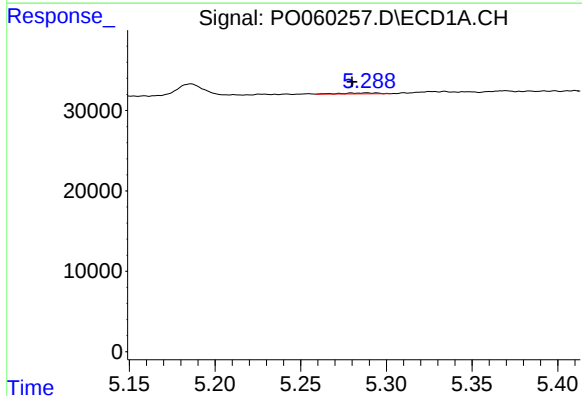
R.T.: 5.289 min
Delta R.T.: 0.029 min
Response: 1704
Conc: 1.06 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-2-(13-15)



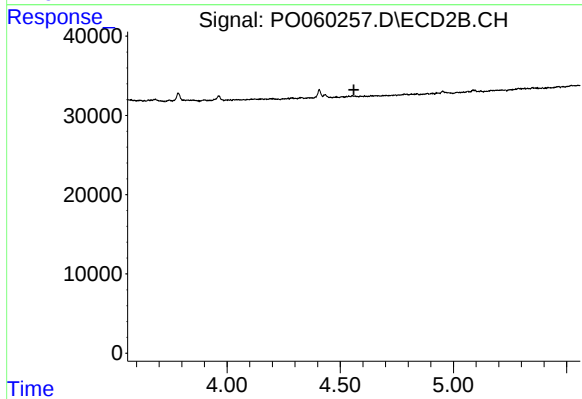
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.540 min
Response: 0
Conc: N.D.



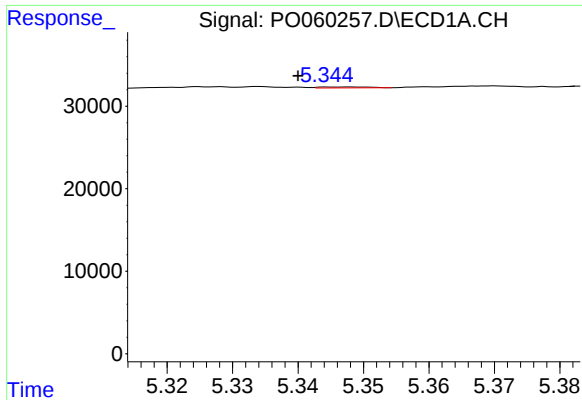
#4 AR-1016-2

R.T.: 5.289 min
Delta R.T.: 0.009 min
Response: 1704
Conc: 0.71 ng/ml



#4 AR-1016-2

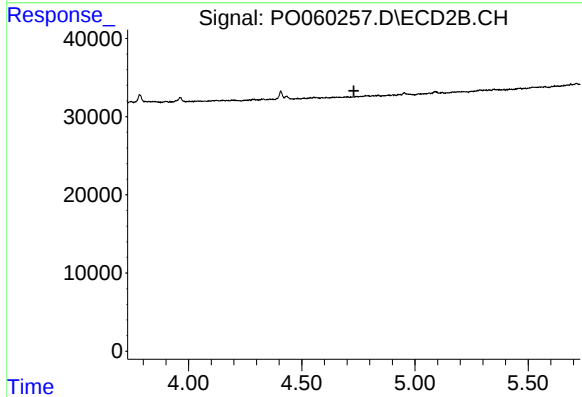
R.T.: 0.000 min
Exp R.T. : 4.560 min
Response: 0
Conc: N.D.



#5 AR-1016-3

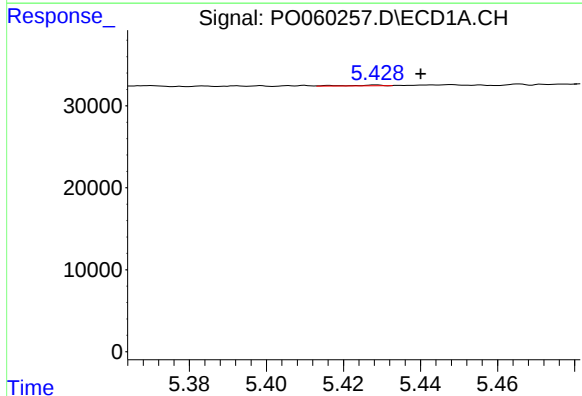
R.T.: 5.347 min
Delta R.T.: 0.007 min
Response: 611
Conc: 0.41 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-2-(13-15)



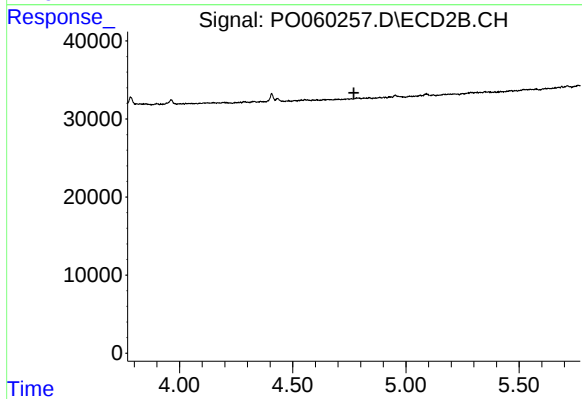
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.730 min
Response: 0
Conc: N.D.



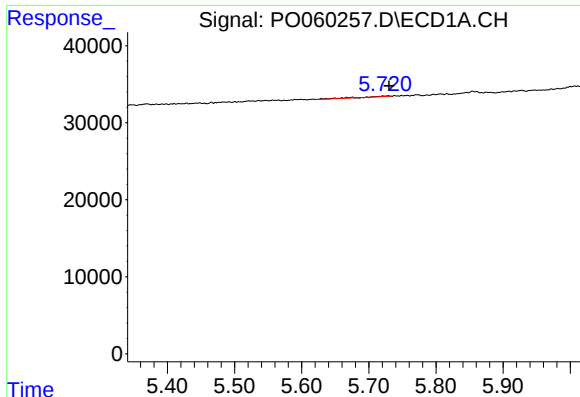
#6 AR-1016-4

R.T.: 5.428 min
Delta R.T.: -0.012 min
Response: 531
Conc: 0.44 ng/ml



#6 AR-1016-4

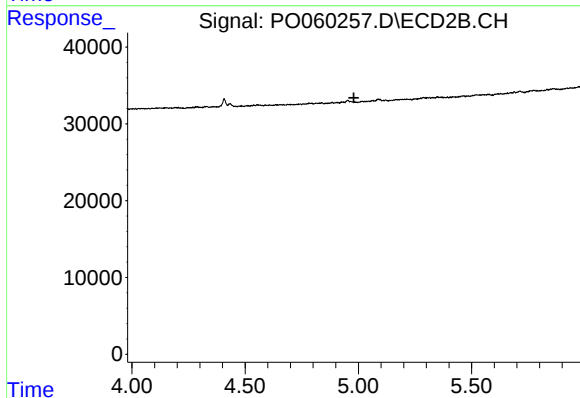
R.T.: 0.000 min
Exp R.T. : 4.770 min
Response: 0
Conc: N.D.



#7 AR-1016-5

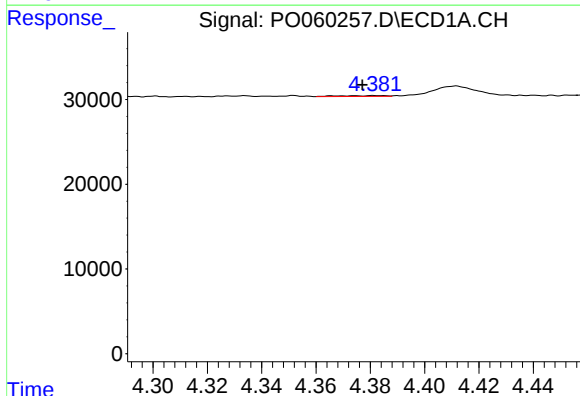
R.T.: 5.729 min
Delta R.T.: 0.000 min
Response: 2042
Conc: 1.59 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-2-(13-15)



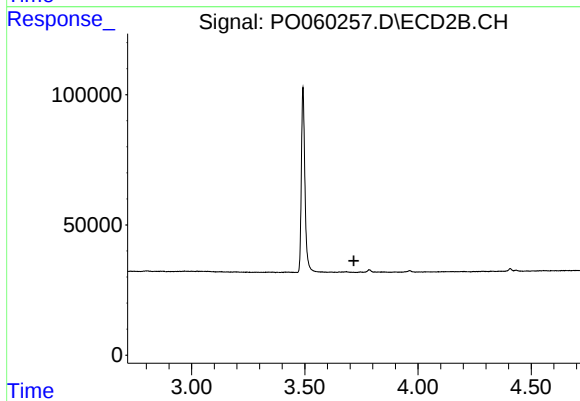
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 4.980 min
Response: 0
Conc: N.D.



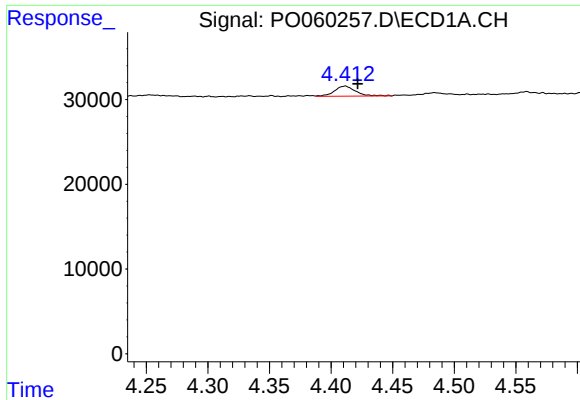
#8 AR-1221-1

R.T.: 4.382 min
Delta R.T.: 0.005 min
Response: 1130
Conc: 2.67 ng/ml



#8 AR-1221-1

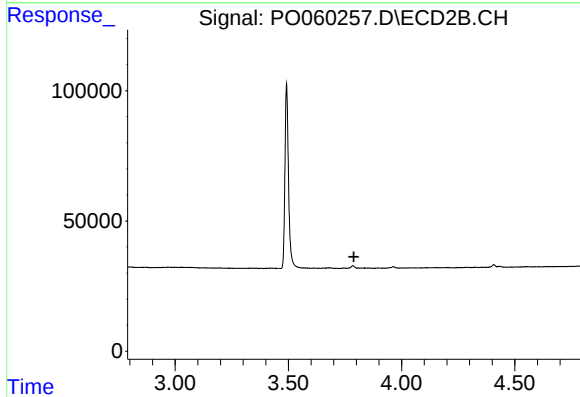
R.T.: 0.000 min
Exp R.T. : 3.717 min
Response: 0
Conc: N.D.



#9 AR-1221-2

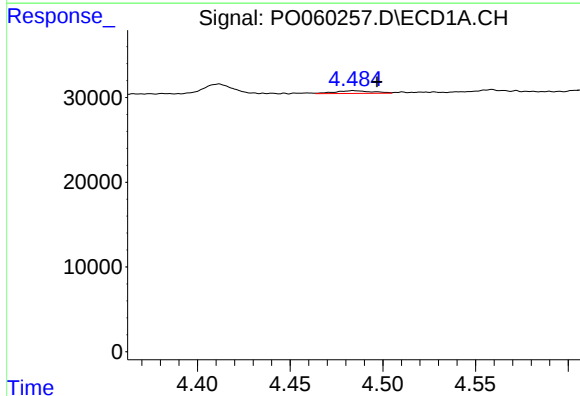
R.T.: 4.411 min
Delta R.T.: -0.010 min
Response: 14490
Conc: 44.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-2-(13-15)



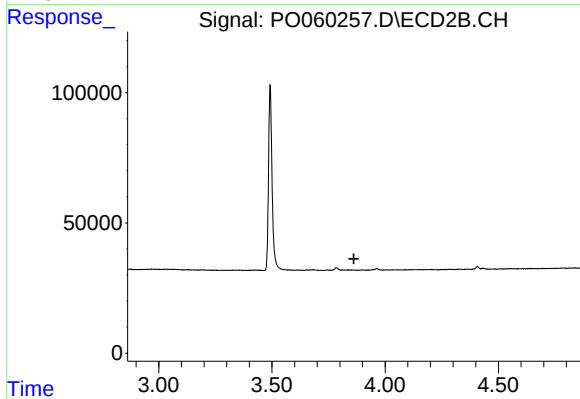
#9 AR-1221-2

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



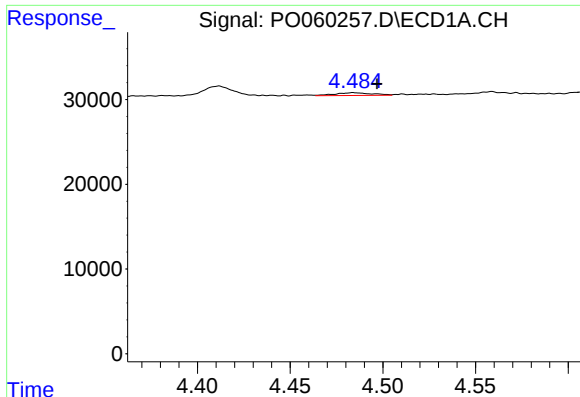
#10 AR-1221-3

R.T.: 4.484 min
Delta R.T.: -0.012 min
Response: 4639
Conc: 4.41 ng/ml



#10 AR-1221-3

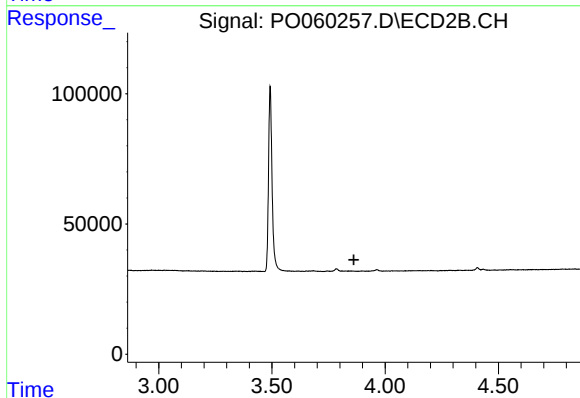
R.T.: 0.000 min
Exp R.T. : 3.862 min
Response: 0
Conc: N.D.



#11 AR-1232-1

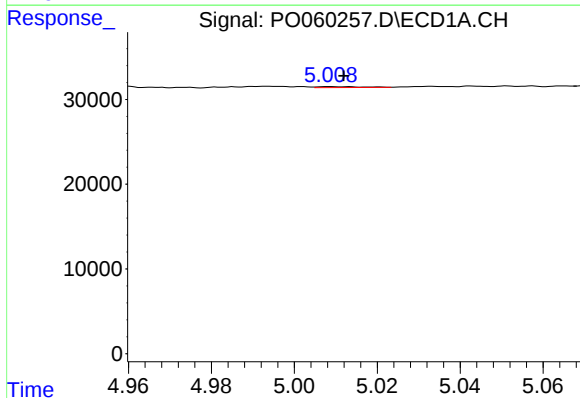
R.T.: 4.484 min
Delta R.T.: -0.012 min
Response: 4639
Conc: 3.72 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-2-(13-15)



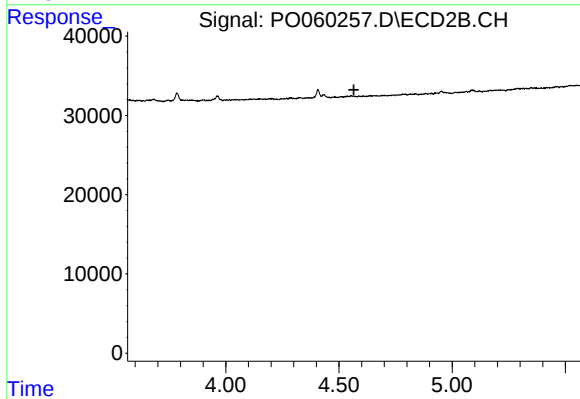
#11 AR-1232-1

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



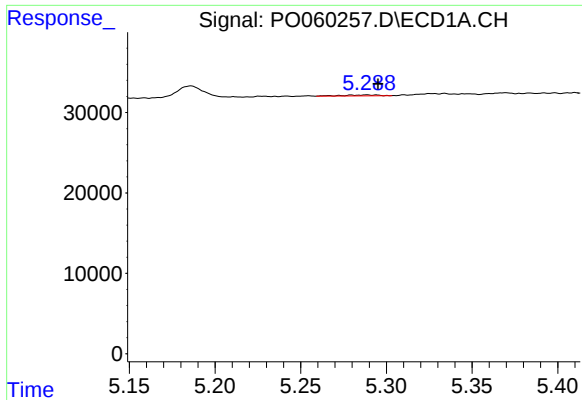
#12 AR-1232-2

R.T.: 5.009 min
Delta R.T.: -0.003 min
Response: 770
Conc: 1.09 ng/ml



#12 AR-1232-2

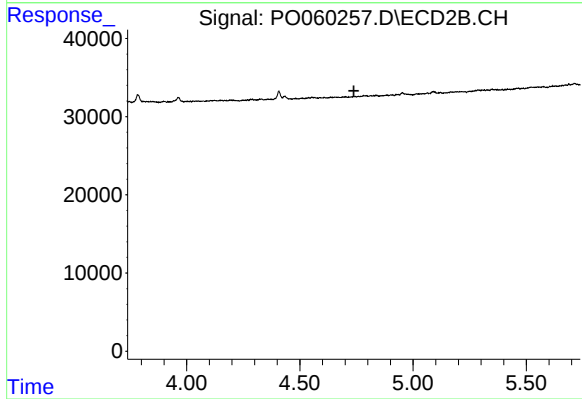
R.T.: 0.000 min
Exp R.T. : 4.566 min
Response: 0
Conc: N.D.



#13 AR-1232-3

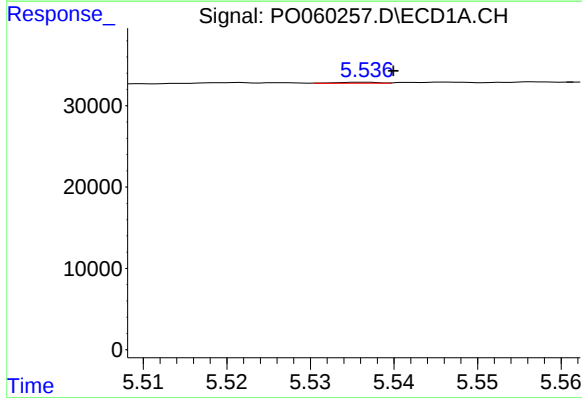
R.T.: 5.289 min
Delta R.T.: -0.007 min
Response: 1704
Conc: 1.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-2-(13-15)



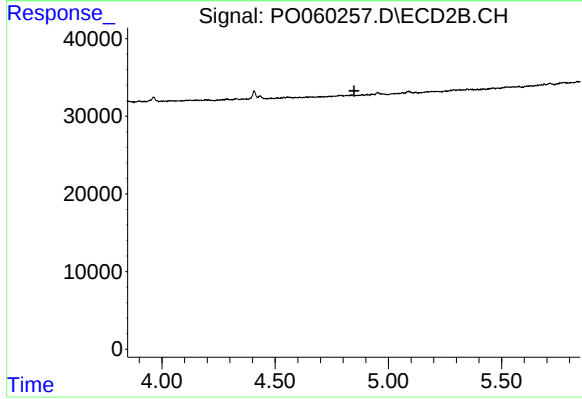
#13 AR-1232-3

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



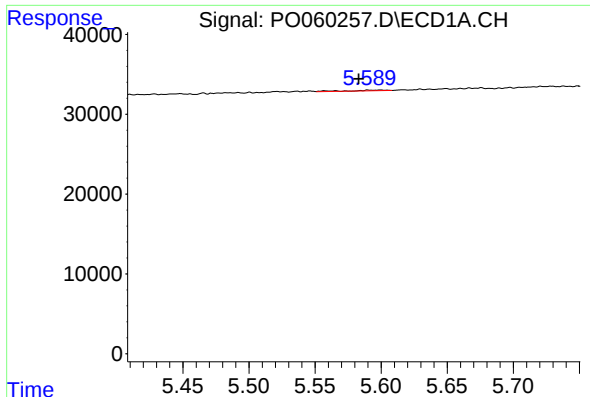
#14 AR-1232-4

R.T.: 5.536 min
Delta R.T.: -0.004 min
Response: 413
Conc: 0.53 ng/ml



#14 AR-1232-4

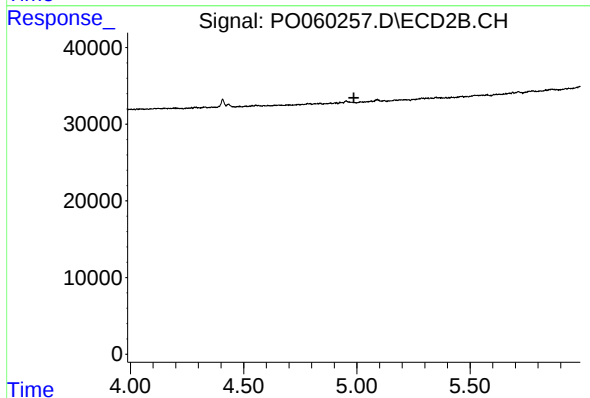
R.T.: 0.000 min
Exp R.T. : 4.848 min
Response: 0
Conc: N.D.



#15 AR-1232-5

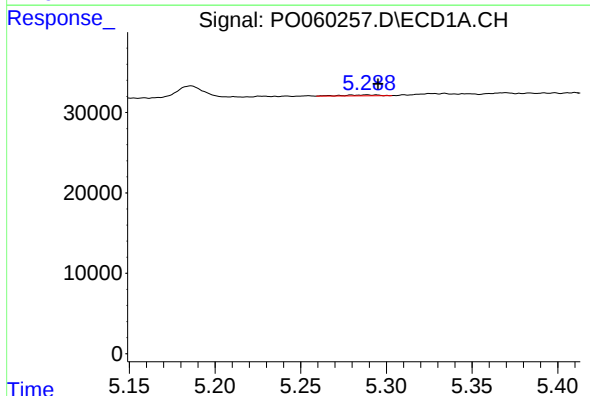
R.T.: 5.599 min
Delta R.T.: 0.016 min
Response: 1685
Conc: 2.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-2-(13-15)



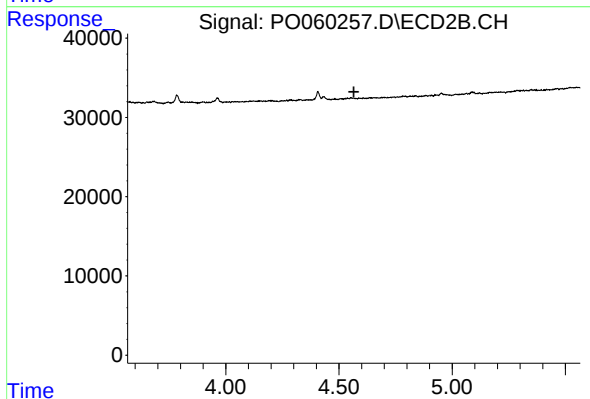
#15 AR-1232-5

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



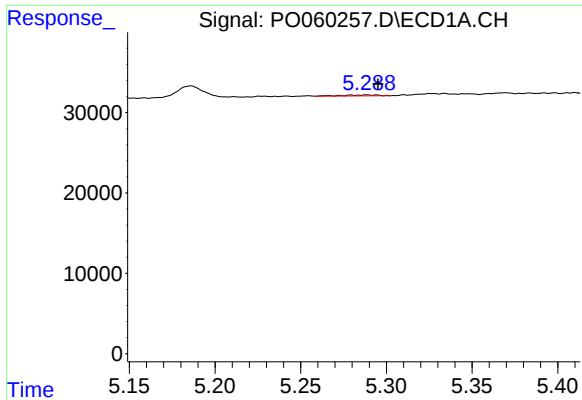
#16 AR-1242-1

R.T.: 5.289 min
Delta R.T.: -0.007 min
Response: 1704
Conc: 1.34 ng/ml



#16 AR-1242-1

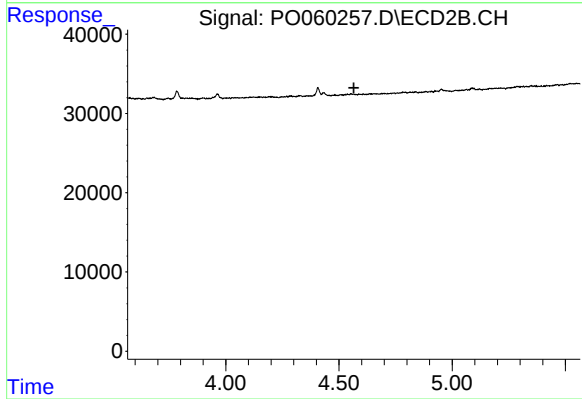
R.T.: 0.000 min
Exp R.T. : 4.566 min
Response: 0
Conc: N.D.



#17 AR-1242-2

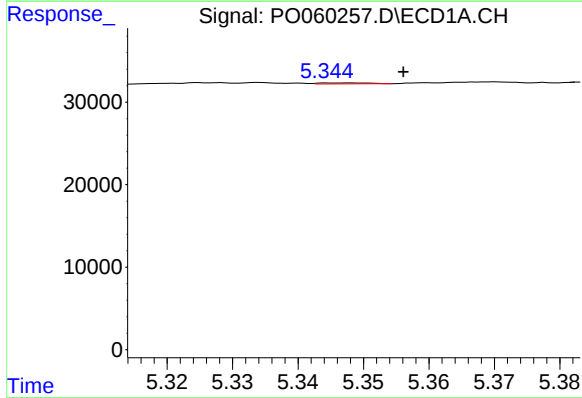
R.T.: 5.289 min
Delta R.T.: -0.007 min
Response: 1704
Conc: 0.92 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-2-(13-15)



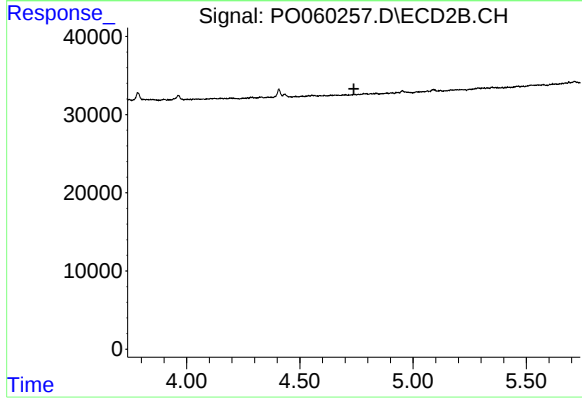
#17 AR-1242-2

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



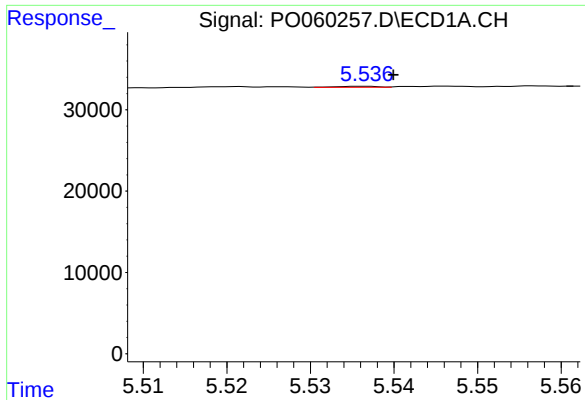
#18 AR-1242-3

R.T.: 5.347 min
Delta R.T.: -0.009 min
Response: 611
Conc: 0.52 ng/ml



#18 AR-1242-3

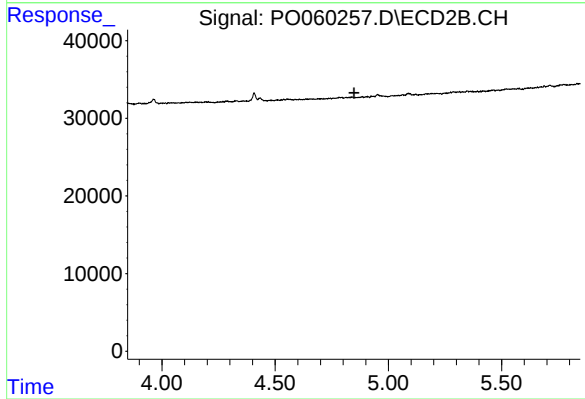
R.T.: 0.000 min
Exp R.T. : 4.738 min
Response: 0
Conc: N.D.



#19 AR-1242-4

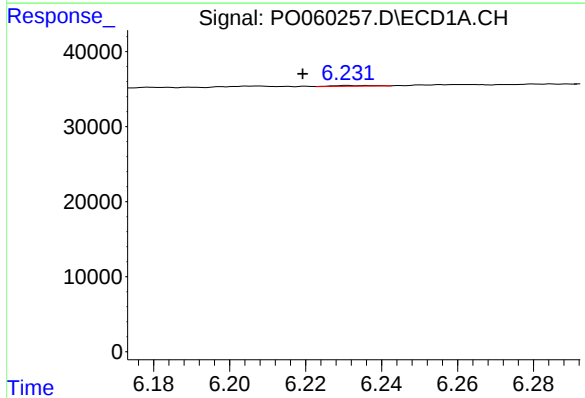
R.T.: 5.536 min
Delta R.T.: -0.004 min
Response: 413
Conc: 0.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-2-(13-15)



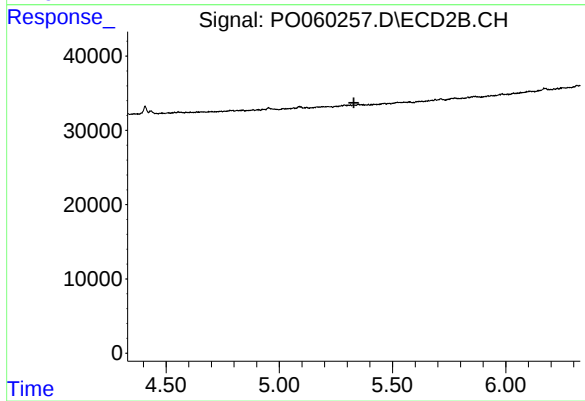
#19 AR-1242-4

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



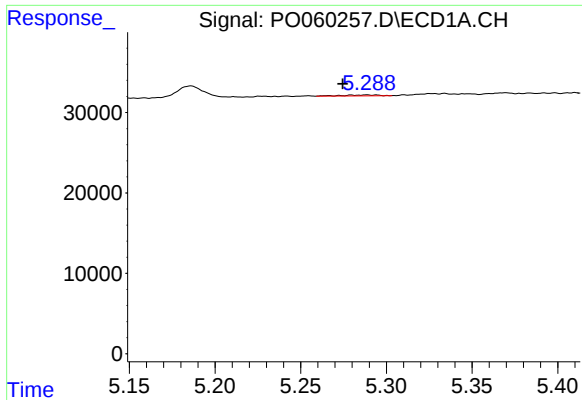
#20 AR-1242-5

R.T.: 6.231 min
Delta R.T.: 0.012 min
Response: 706
Conc: 0.56 ng/ml



#20 AR-1242-5

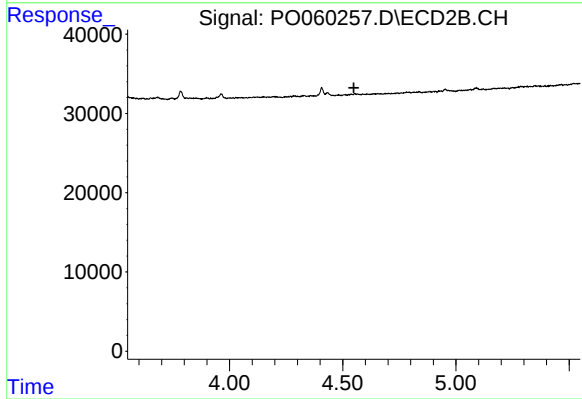
R.T.: 0.000 min
Exp R.T. : 5.330 min
Response: 0
Conc: N.D.



#21 AR-1248-1

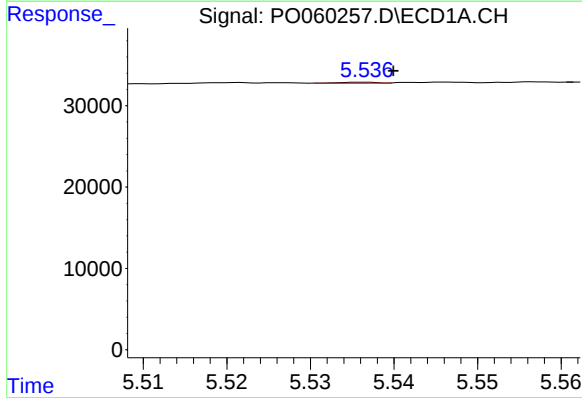
R.T.: 5.289 min
Delta R.T.: 0.014 min
Response: 1704
Conc: 1.70 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-2-(13-15)



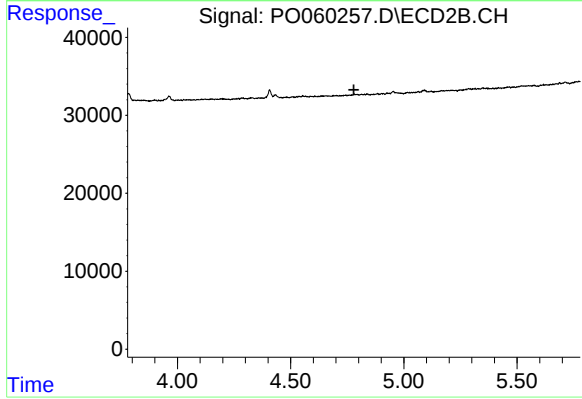
#21 AR-1248-1

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



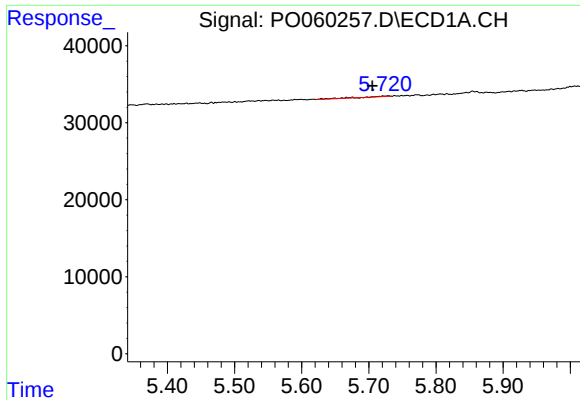
#22 AR-1248-2

R.T.: 5.536 min
Delta R.T.: -0.004 min
Response: 413
Conc: 0.28 ng/ml



#22 AR-1248-2

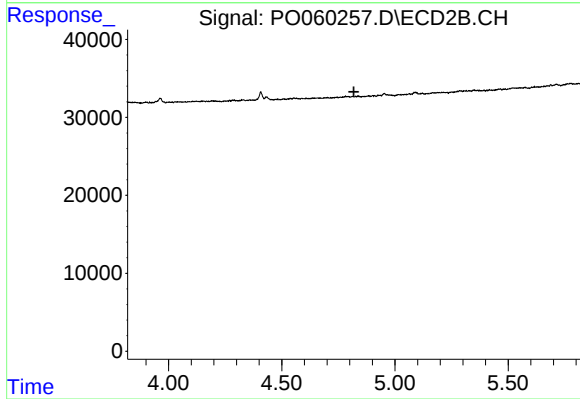
R.T.: 0.000 min
Exp R.T. : 4.779 min
Response: 0
Conc: N.D.



#23 AR-1248-3

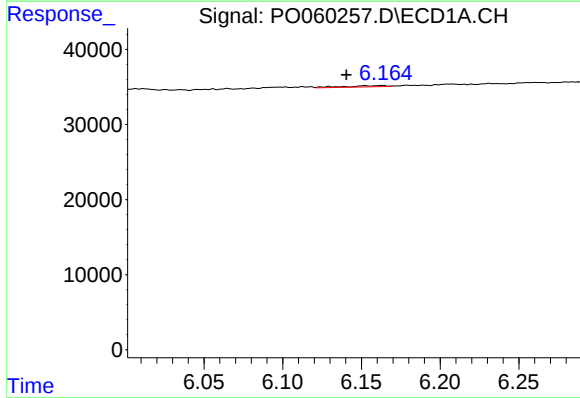
R.T.: 5.729 min
Delta R.T.: 0.024 min
Response: 2042
Conc: 1.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-2-(13-15)



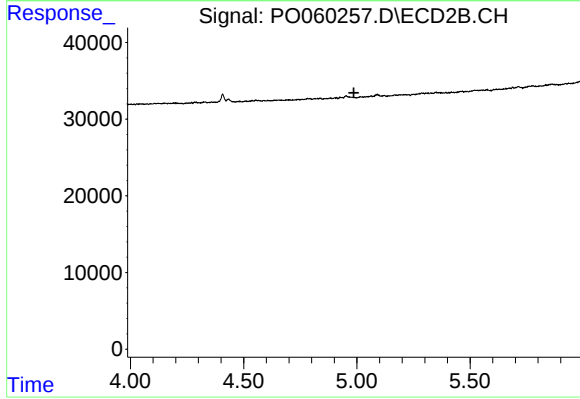
#23 AR-1248-3

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



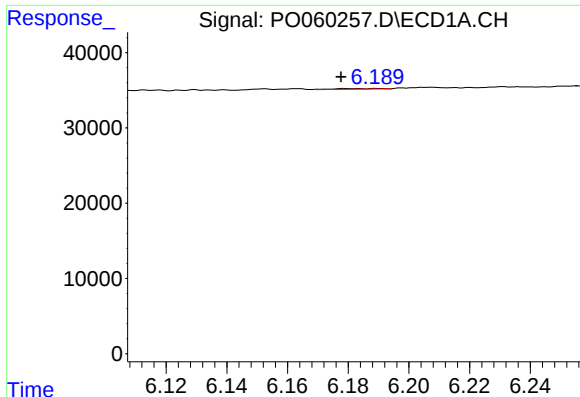
#24 AR-1248-4

R.T.: 6.163 min
Delta R.T.: 0.023 min
Response: 2952
Conc: 1.44 ng/ml



#24 AR-1248-4

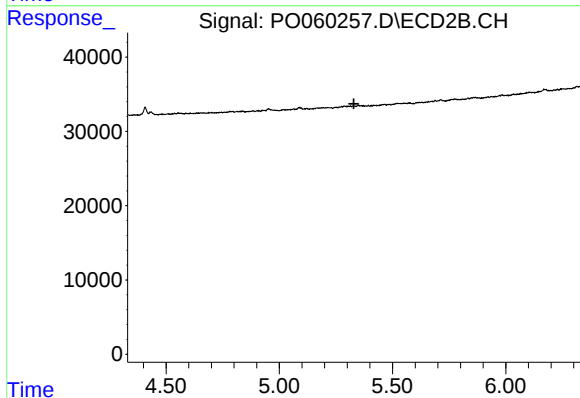
R.T.: 0.000 min
Exp R.T. : 4.987 min
Response: 0
Conc: N.D.



#25 AR-1248-5

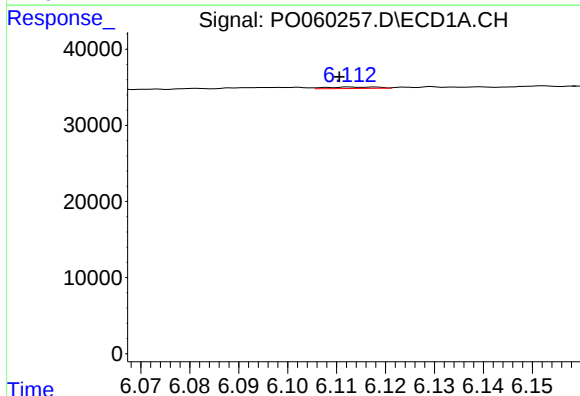
R.T.: 6.179 min
Delta R.T.: 0.002 min
Response: 815
Conc: 0.41 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-2-(13-15)



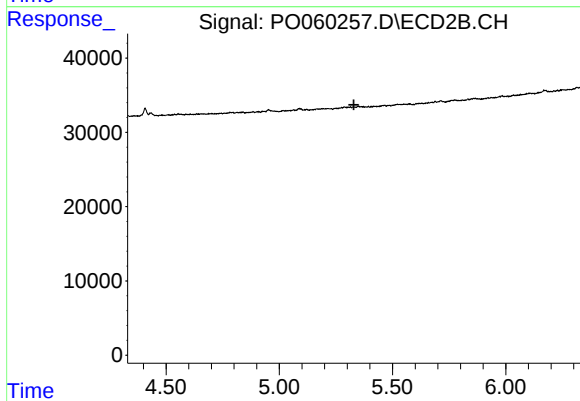
#25 AR-1248-5

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



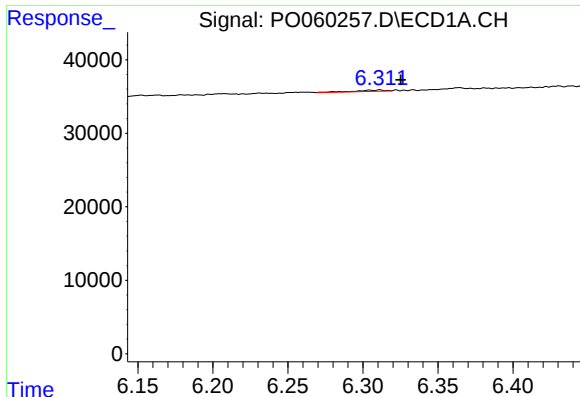
#26 AR-1254-1

R.T.: 6.113 min
Delta R.T.: 0.003 min
Response: 1400
Conc: 0.67 ng/ml



#26 AR-1254-1

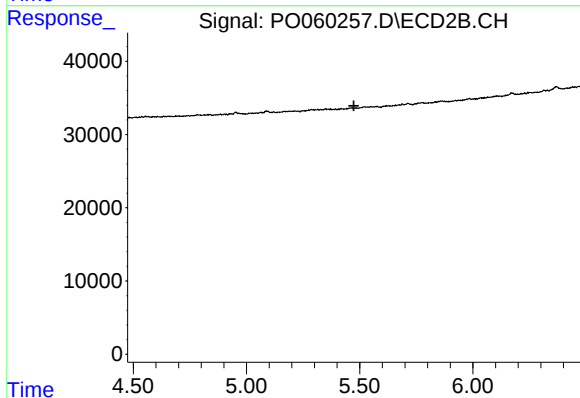
R.T.: 0.000 min
Exp R.T. : 5.330 min
Response: 0
Conc: N.D.



#27 AR-1254-2

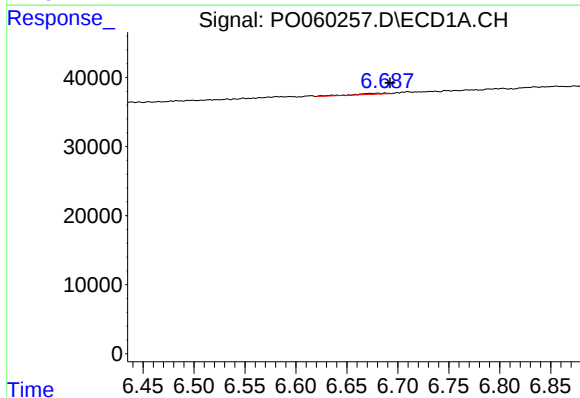
R.T.: 6.311 min
Delta R.T.: -0.014 min
Response: 2472
Conc: 0.74 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-2-(13-15)



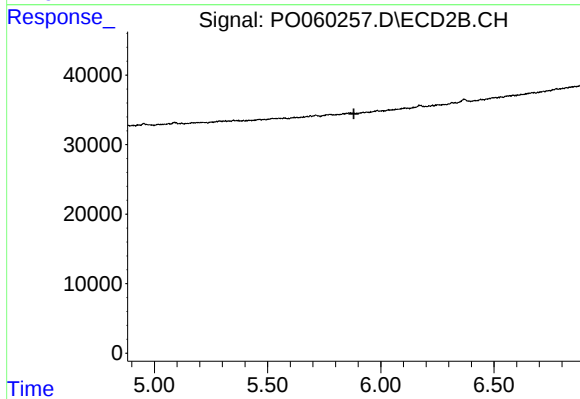
#27 AR-1254-2

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



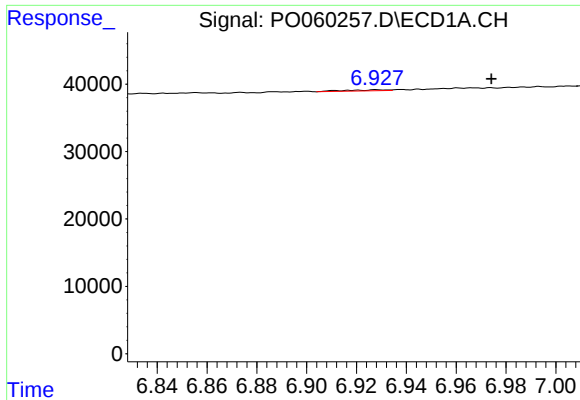
#28 AR-1254-3

R.T.: 6.688 min
Delta R.T.: -0.005 min
Response: 3189
Conc: 0.90 ng/ml



#28 AR-1254-3

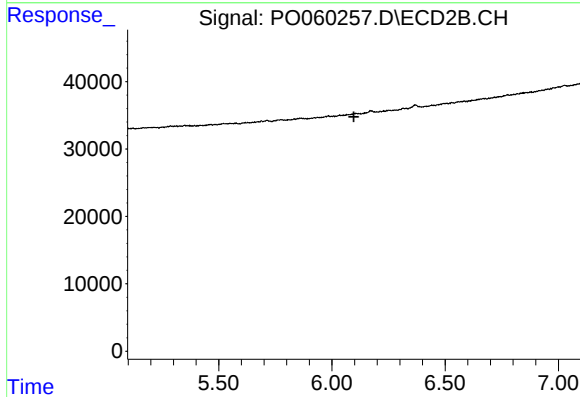
R.T.: 0.000 min
Exp R.T. : 5.881 min
Response: 0
Conc: N.D.



#29 AR-1254-4

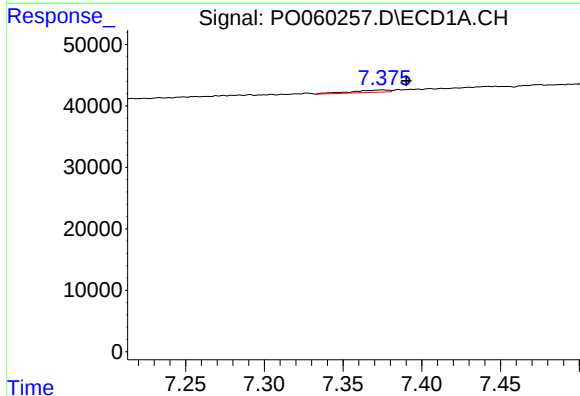
R.T.: 6.928 min
Delta R.T.: -0.046 min
Response: 1828
Conc: 0.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-2-(13-15)



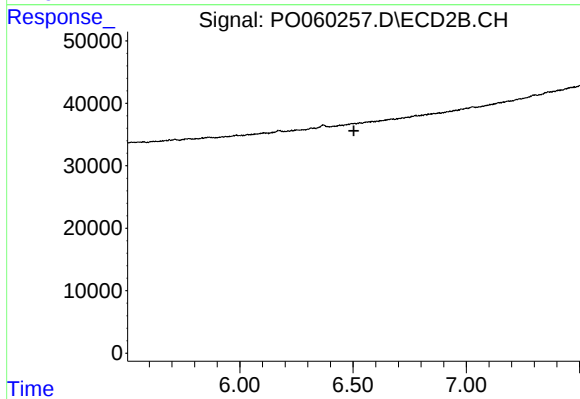
#29 AR-1254-4

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



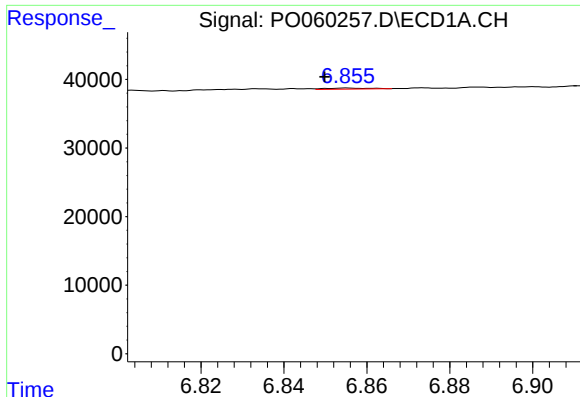
#30 AR-1254-5

R.T.: 7.375 min
Delta R.T.: -0.015 min
Response: 5983
Conc: 1.93 ng/ml



#30 AR-1254-5

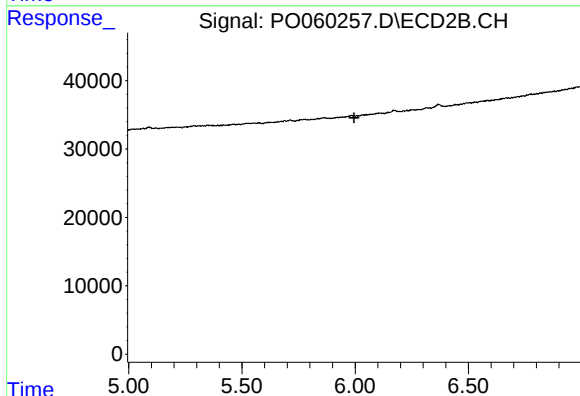
R.T.: 0.000 min
Exp R.T. : 6.503 min
Response: 0
Conc: N.D.



#31 AR-1260-1

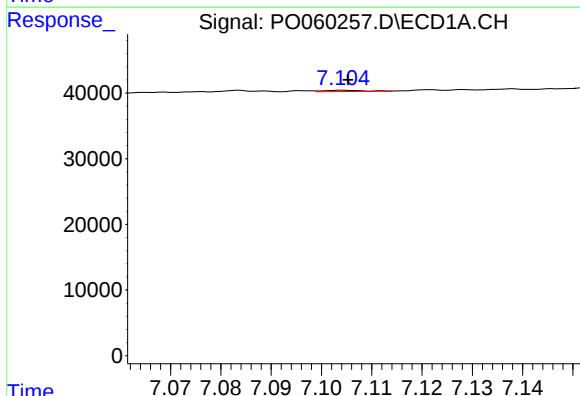
R.T.: 6.855 min
Delta R.T.: 0.006 min
Response: 1117
Conc: 0.41 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-2-(13-15)



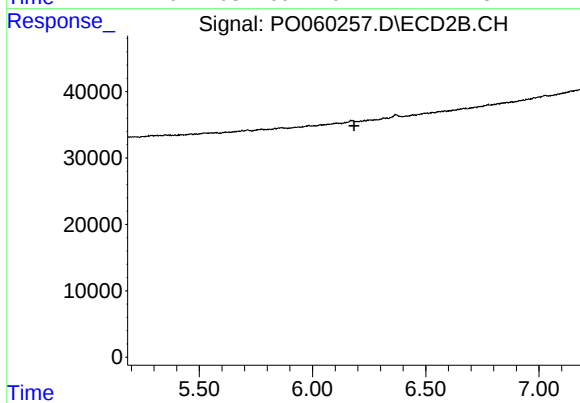
#31 AR-1260-1

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



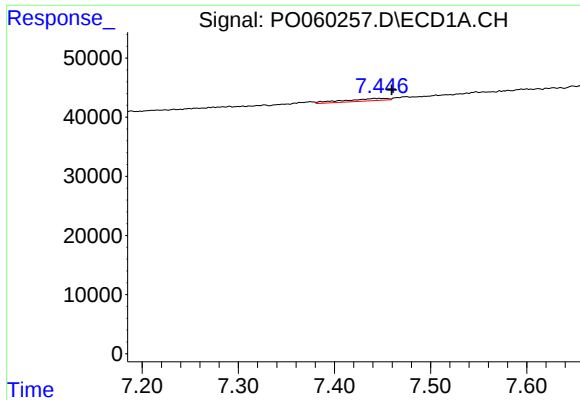
#32 AR-1260-2

R.T.: 7.104 min
Delta R.T.: 0.000 min
Response: 1044
Conc: 0.28 ng/ml



#32 AR-1260-2

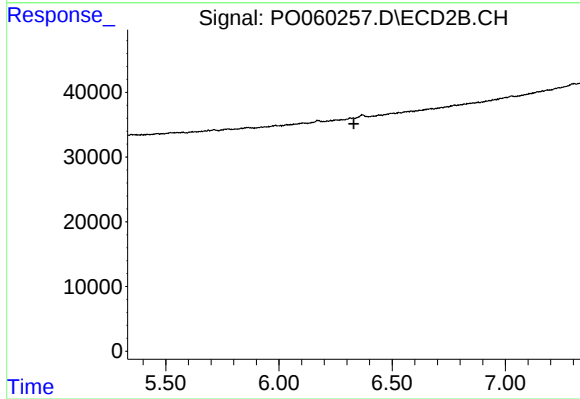
R.T.: 0.000 min
Exp R.T. : 6.183 min
Response: 0
Conc: N.D.



#33 AR-1260-3

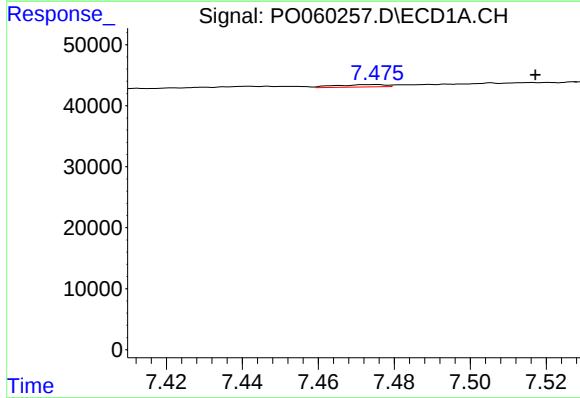
R.T.: 7.447 min
Delta R.T.: -0.013 min
Response: 12480
Conc: 3.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-2-(13-15)



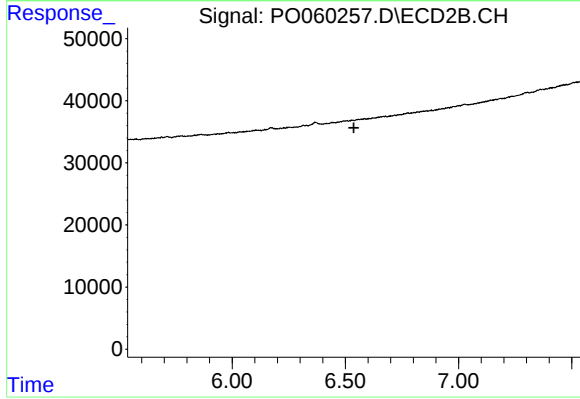
#33 AR-1260-3

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



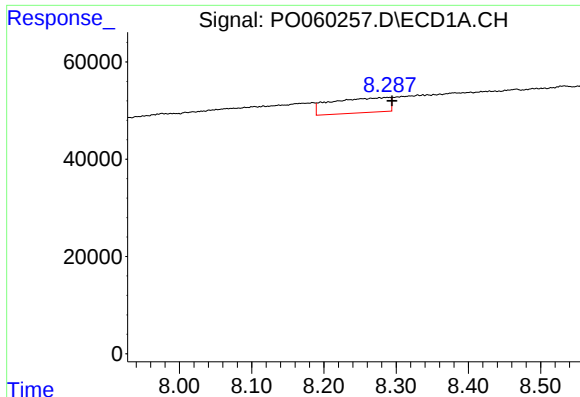
#36 AR-1262-1

R.T.: 7.474 min
Delta R.T.: -0.043 min
Response: 3601
Conc: 0.74 ng/ml



#36 AR-1262-1

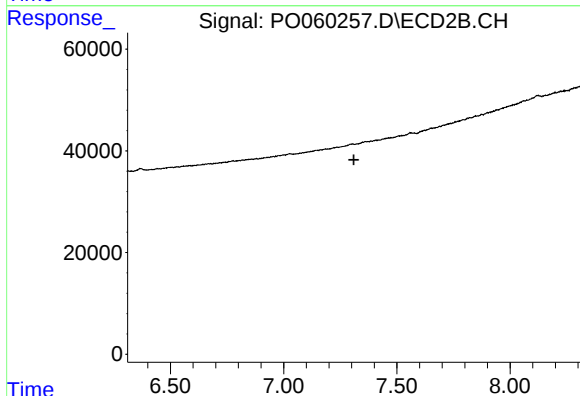
R.T.: 0.000 min
Exp R.T. : 6.538 min
Response: 0
Conc: N.D.



#38 AR-1262-3

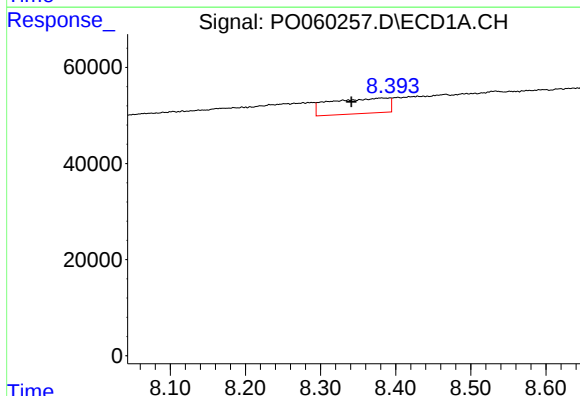
R.T.: 8.288 min
Delta R.T.: -0.006 min
Response: 172893
Conc: 33.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-2-(13-15)



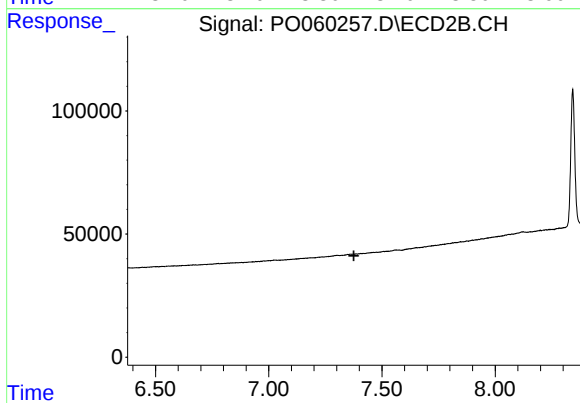
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 7.310 min
Response: 0
Conc: N.D.



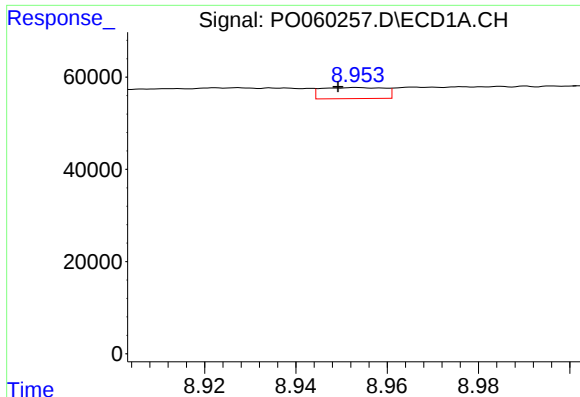
#39 AR-1262-4

R.T.: 8.381 min
Delta R.T.: 0.040 min
Response: 175065
Conc: 45.42 ng/ml



#39 AR-1262-4

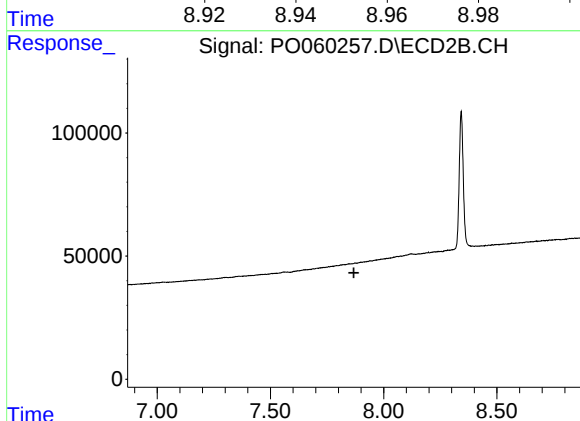
R.T.: 0.000 min
Exp R.T. : 7.376 min
Response: 0
Conc: N.D.



#40 AR-1262-5

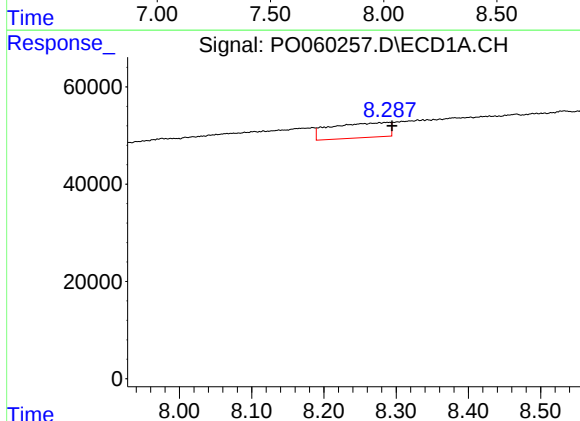
R.T.: 8.953 min
Delta R.T.: 0.004 min
Response: 22901
Conc: 8.92 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-2-(13-15)



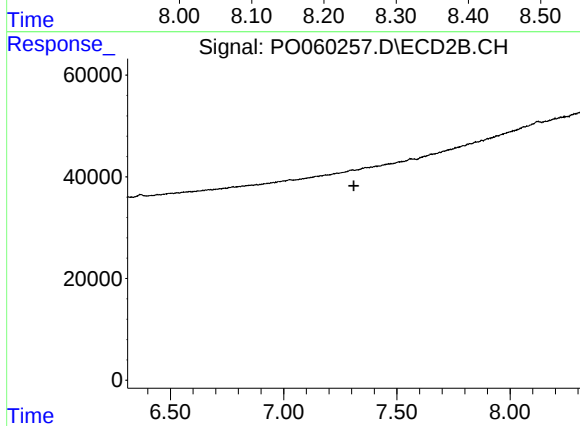
#40 AR-1262-5

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



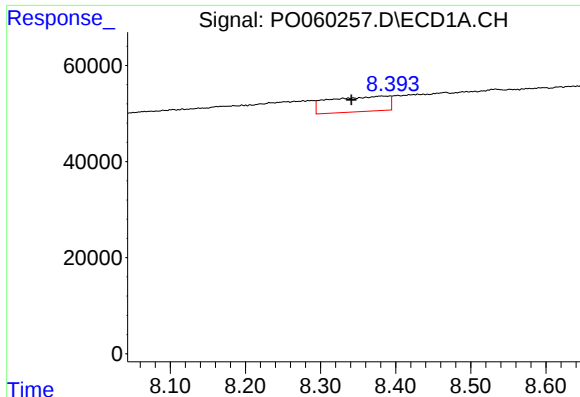
#41 AR-1268-1

R.T.: 8.288 min
Delta R.T.: -0.006 min
Response: 172893
Conc: 18.37 ng/ml



#41 AR-1268-1

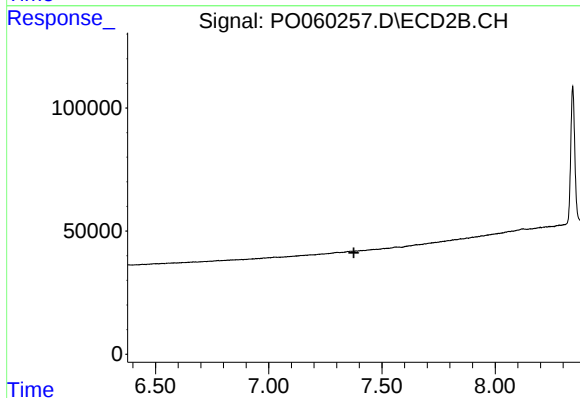
R.T.: 0.000 min
Exp R.T. : 7.310 min
Response: 0
Conc: N.D.



#42 AR-1268-2

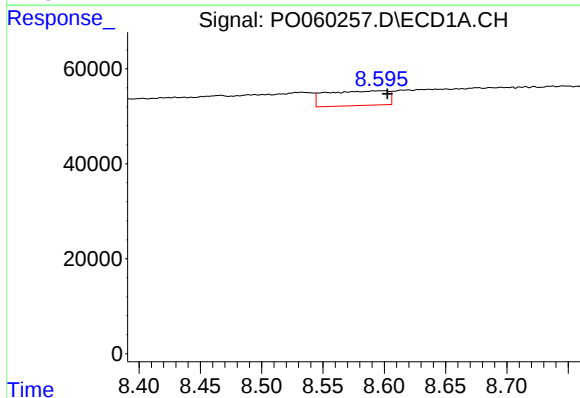
R.T.: 8.381 min
Delta R.T.: 0.040 min
Response: 175065
Conc: 22.21 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-2-(13-15)



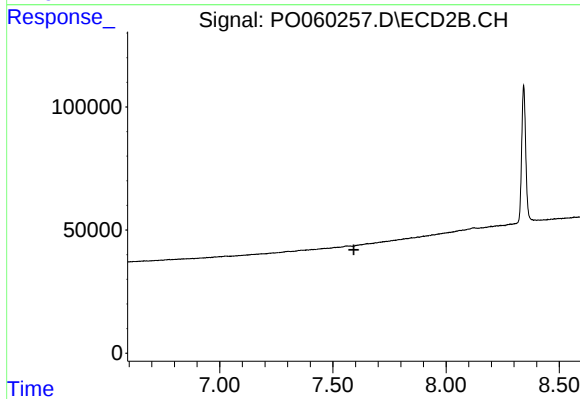
#42 AR-1268-2

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



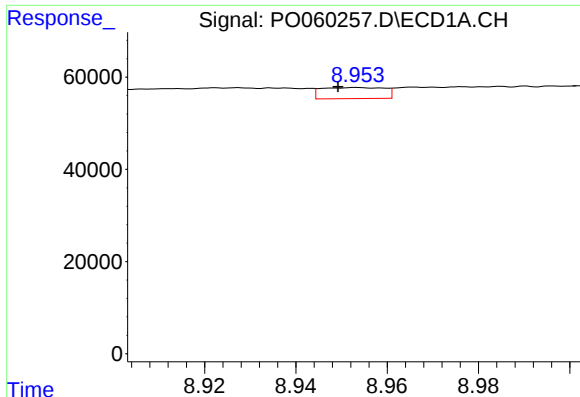
#43 AR-1268-3

R.T.: 8.597 min
Delta R.T.: -0.006 min
Response: 108211
Conc: 15.35 ng/ml



#43 AR-1268-3

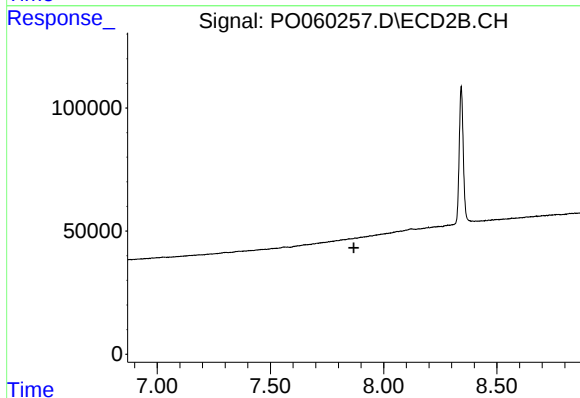
R.T.: 0.000 min
Exp R.T. : 7.592 min
Response: 0
Conc: N.D.



#44 AR-1268-4

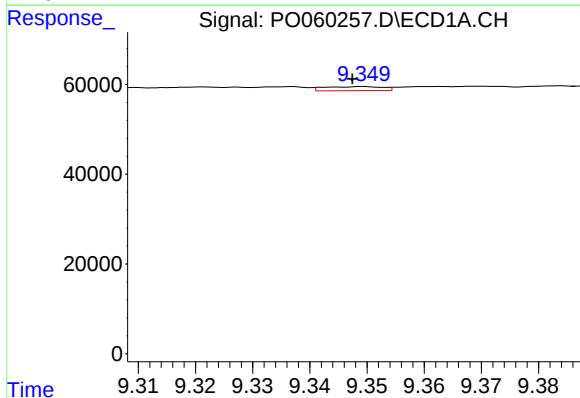
R.T.: 8.953 min
Delta R.T.: 0.004 min
Response: 22901
Conc: 8.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-2-(13-15)



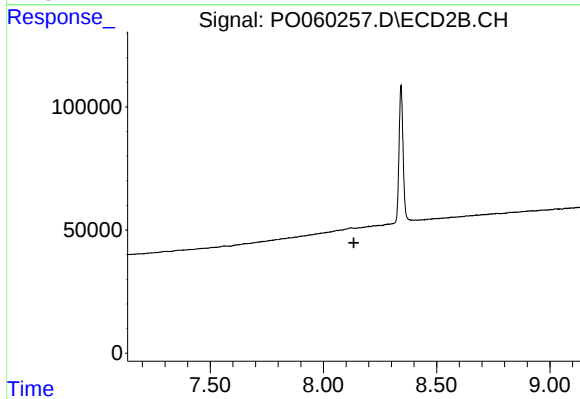
#44 AR-1268-4

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



#45 AR-1268-5

R.T.: 9.349 min
Delta R.T.: 0.002 min
Response: 6290
Conc: 0.34 ng/ml



#45 AR-1268-5

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