

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0080919\
 Data File : P0059074.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 09 Aug 2019 10:02
 Operator : SM/SJ
 Sample : K4190-05RE 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 30406RE

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 09 14:10:42 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0072819.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Jul 27 06:49:05 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...	4.190	3.516	12907	31557	0.306	0.790 #
2)	SA Decachlor...	9.657	8.398	30503	19268	0.563	0.488
Target Compounds							
3)	L1 AR-1016-1	5.382	0.000	14753	0	7.873	N.D. #
4)	L1 AR-1016-2	5.382	0.000	14753	0	5.362	N.D. #
5)	L1 AR-1016-3	5.426	0.000	1775	0	1.045	N.D. #
6)	L1 AR-1016-4	5.519	0.000	10470	0	7.483	N.D. #
7)	L1 AR-1016-5	5.821	0.000	18671	0	13.035	N.D. #
8)	L2 AR-1221-1	4.392	0.000	10166	0	22.380	N.D. #
9)	L2 AR-1221-2	4.474	0.000	24003	0	69.618	N.D. #
10)	L2 AR-1221-3	4.530	0.000	15057	0	13.731	N.D. #
11)	L3 AR-1232-1	4.530	0.000	15057	0	16.678	N.D. #
12)	L3 AR-1232-2	5.089	0.000	20440	0	41.554	N.D. #
13)	L3 AR-1232-3	5.382	0.000	14753	0	13.779	N.D. #
14)	L3 AR-1232-4	5.519	0.000	10470	0	19.639	N.D. #
15)	L3 AR-1232-5	5.582	0.000	4348	0	10.654	N.D. #
16)	L4 AR-1242-1	5.382	0.000	14753	0	11.521	N.D. #
17)	L4 AR-1242-2	5.382	0.000	14753	0	7.799	N.D. #
18)	L4 AR-1242-3	5.426	0.000	1775	0	1.513	N.D. #
19)	L4 AR-1242-4	5.519	0.000	10470	0	10.895	N.D. #
20)	L4 AR-1242-5	6.209	5.377	18954	20541	16.137	19.149
21)	L5 AR-1248-1	5.382	0.000	14753	0	14.593	N.D. #
22)	L5 AR-1248-2	5.582	0.000	4348	0	3.008	N.D. #
23)	L5 AR-1248-3	5.821	0.000	18671	0	11.367	N.D. #
24)	L5 AR-1248-4	6.209	0.000	18954	0	9.359	N.D. #
25)	L5 AR-1248-5	6.209	5.377	18954	20541	9.819	14.828 #
26)	L6 AR-1254-1	6.154	5.377	41832	20541	17.716	7.929 #
27)	L6 AR-1254-2	6.387	0.000	33053	0	8.576	N.D. #
28)	L6 AR-1254-3	6.765	5.956	31975	32551	7.896	8.847
29)	L6 AR-1254-4	7.029	0.000	3539	0	0.983	N.D. #
30)	L6 AR-1254-5	7.438	0.000	9075	0	2.504	N.D. #
31)	L7 AR-1260-1	6.906	5.984	143484	54669	49.836	22.970 #
32)	L7 AR-1260-2	7.158	0.000	12230	0	2.940	N.D. #
33)	L7 AR-1260-3	7.527	0.000	9794	0	2.630	N.D. #
34)	L7 AR-1260-4	7.758	6.884	5155	23469	1.513	10.386 #
35)	L7 AR-1260-5	8.055	7.071	50825	129735	6.910	24.090 #
36)	L8 AR-1262-1	7.527	0.000	9794	0	1.943	N.D. #
37)	L8 AR-1262-2	8.055	7.071	50825	129735	6.386	22.978 #
38)	L8 AR-1262-3	8.300	7.359	36725	219120	7.224	88.782 #
39)	L8 AR-1262-4	8.419	7.399	30456	216733	8.037	51.042 #
41)	L9 AR-1268-1	8.300	7.359	36725	219120	3.288	26.902 #
42)	L9 AR-1268-2	8.419	7.399	30456	216733	3.242	28.604 #
43)	L9 AR-1268-3	8.622	7.604	128615	104116	15.573	16.289

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0080919\
Data File : P0059074.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 09 Aug 2019 10:02
Operator : SM/SJ
Sample : K4190-05RE 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

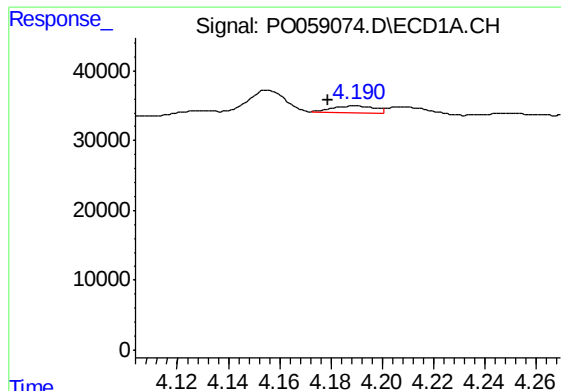
Instrument :
ECD_O
ClientSampleId :
30406RE

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 09 14:10:42 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0072819.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jul 27 06:49:05 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

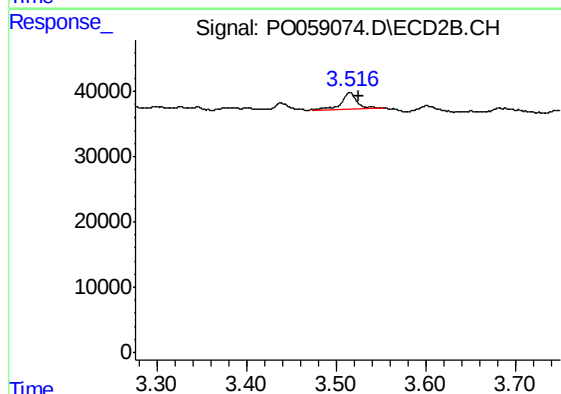
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

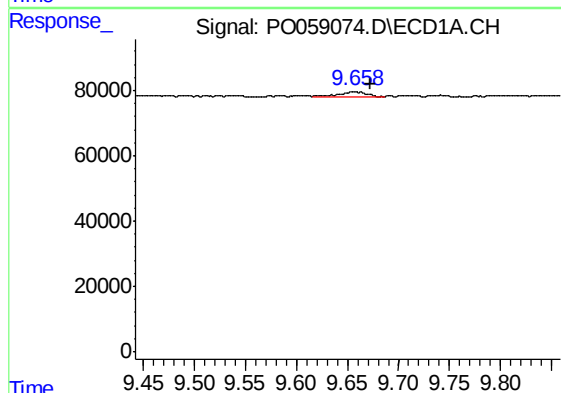
R.T.: 4.190 min
Delta R.T.: 0.011 min
Response: 12907
Conc: 0.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
30406RE



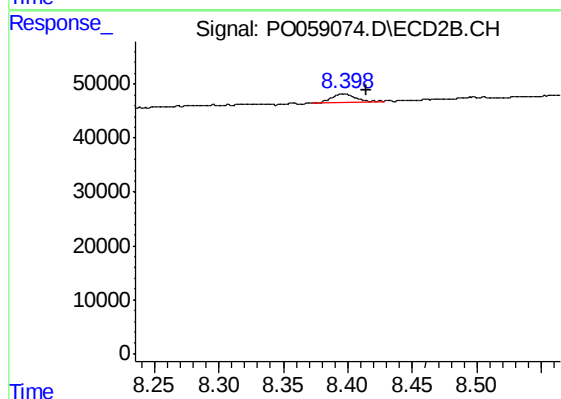
#1 Tetrachloro-m-xylene

R.T.: 3.516 min
Delta R.T.: -0.009 min
Response: 31557
Conc: 0.79 ng/ml



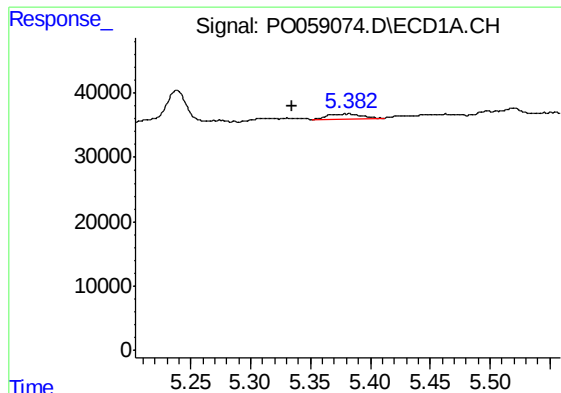
#2 Decachlorobiphenyl

R.T.: 9.657 min
Delta R.T.: -0.016 min
Response: 30503
Conc: 0.56 ng/ml



#2 Decachlorobiphenyl

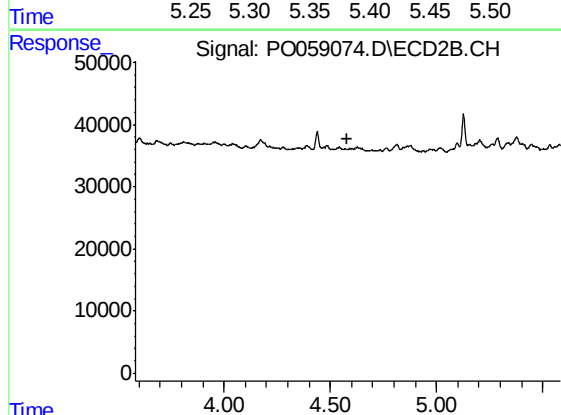
R.T.: 8.398 min
Delta R.T.: -0.016 min
Response: 19268
Conc: 0.49 ng/ml



#3 AR-1016-1

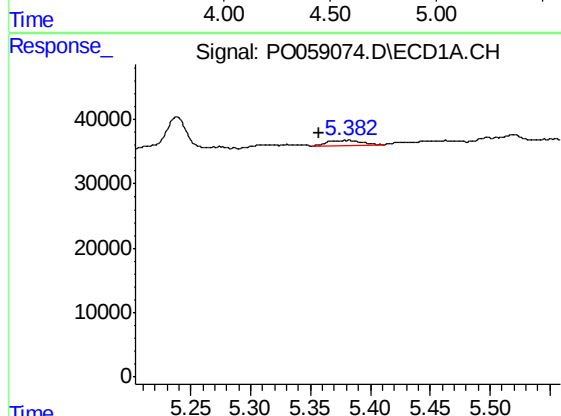
R.T.: 5.382 min
Delta R.T.: 0.047 min
Response: 14753
Conc: 7.87 ng/ml

Instrument :
ECD_O
ClientSampleId :
30406RE



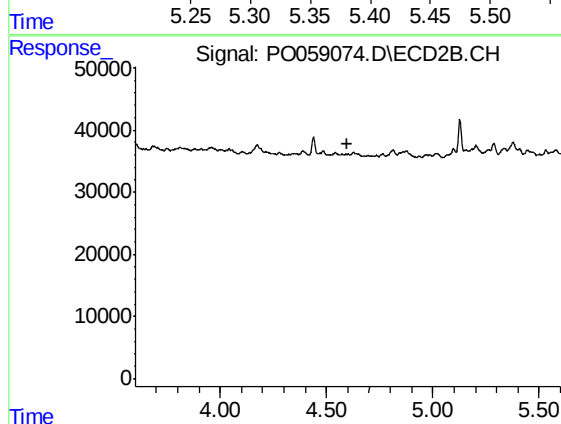
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.583 min
Response: 0
Conc: N.D.



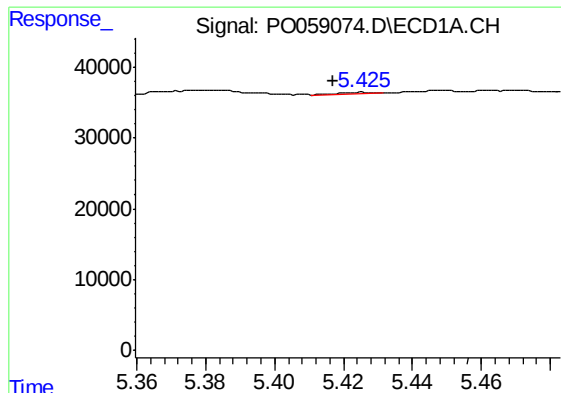
#4 AR-1016-2

R.T.: 5.382 min
Delta R.T.: 0.025 min
Response: 14753
Conc: 5.36 ng/ml



#4 AR-1016-2

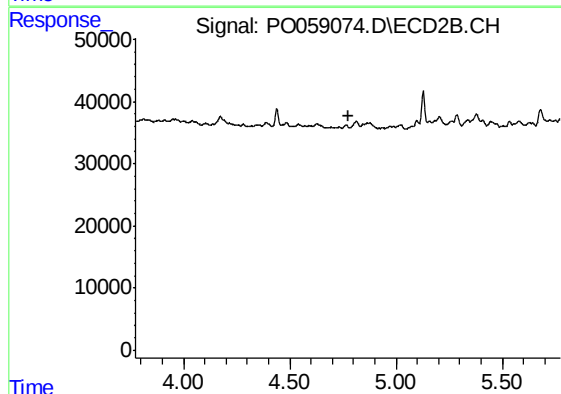
R.T.: 0.000 min
Exp R.T. : 4.601 min
Response: 0
Conc: N.D.



#5 AR-1016-3

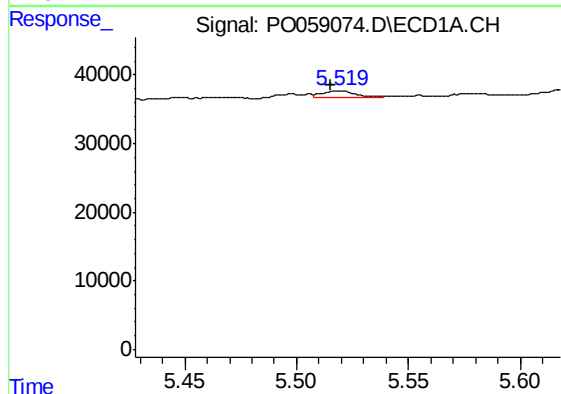
R.T.: 5.426 min
Delta R.T.: 0.009 min
Response: 1775
Conc: 1.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
30406RE



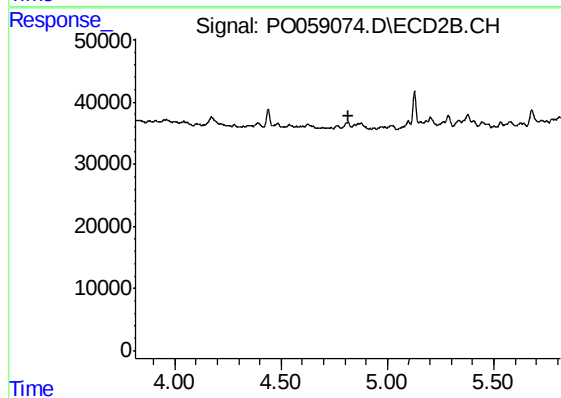
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.773 min
Response: 0
Conc: N.D.



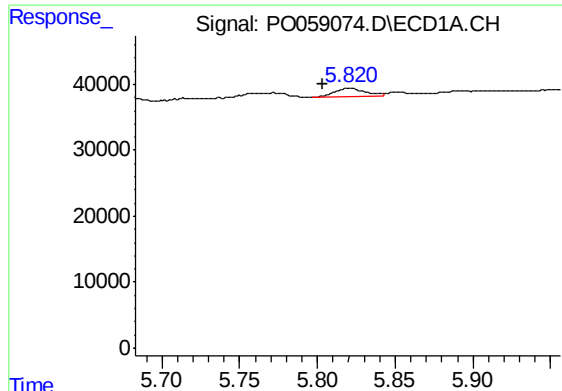
#6 AR-1016-4

R.T.: 5.519 min
Delta R.T.: 0.004 min
Response: 10470
Conc: 7.48 ng/ml



#6 AR-1016-4

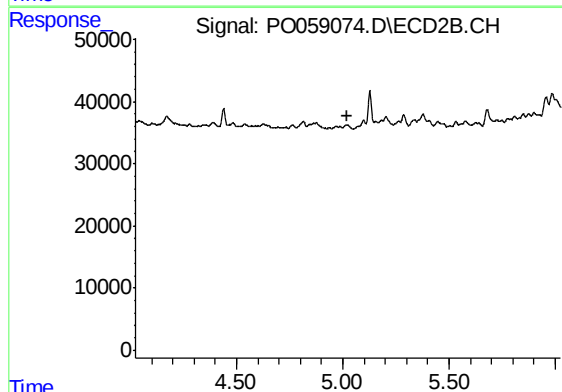
R.T.: 0.000 min
Exp R.T. : 4.815 min
Response: 0
Conc: N.D.



#7 AR-1016-5

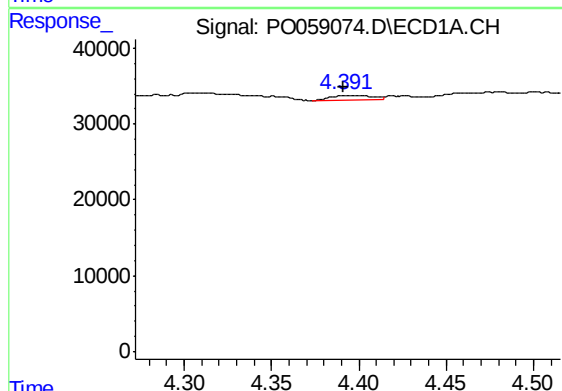
R.T.: 5.821 min
Delta R.T.: 0.018 min
Response: 18671
Conc: 13.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
30406RE



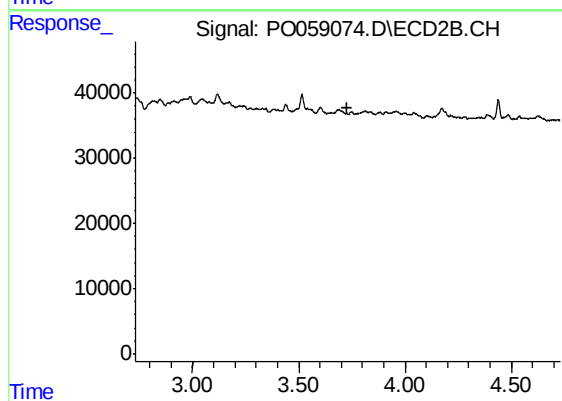
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.024 min
Response: 0
Conc: N.D.



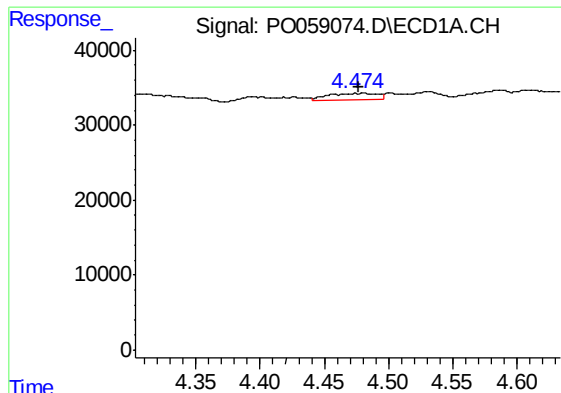
#8 AR-1221-1

R.T.: 4.392 min
Delta R.T.: 0.000 min
Response: 10166
Conc: 22.38 ng/ml



#8 AR-1221-1

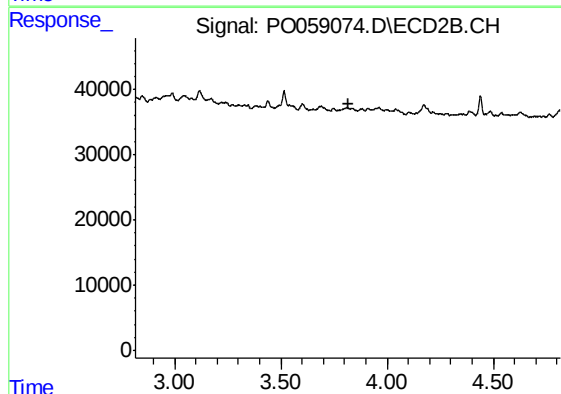
R.T.: 0.000 min
Exp R.T. : 3.732 min
Response: 0
Conc: N.D.



#9 AR-1221-2

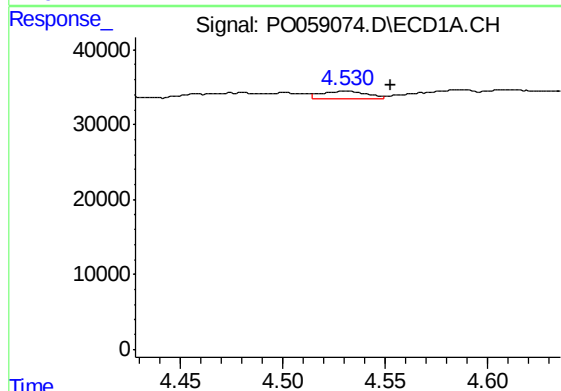
R.T.: 4.474 min
Delta R.T.: -0.003 min
Response: 24003
Conc: 69.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
30406RE



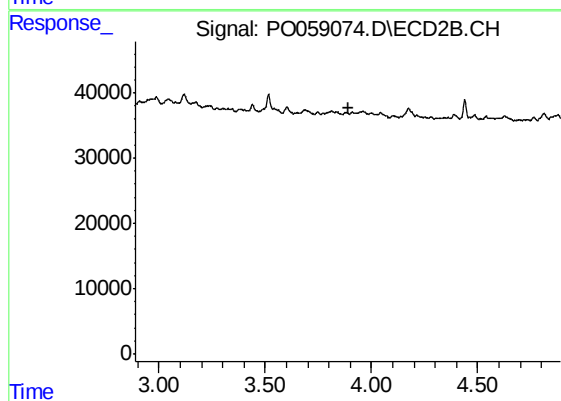
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 3.816 min
Response: 0
Conc: N.D.



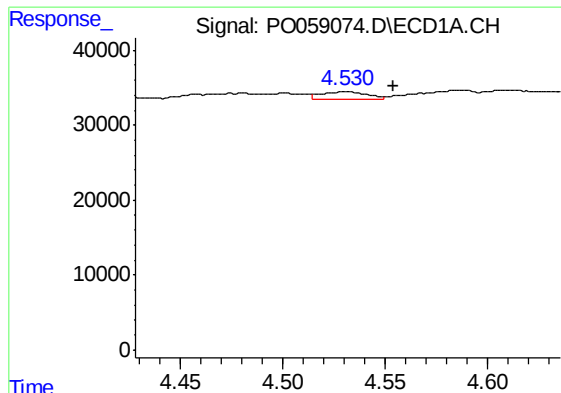
#10 AR-1221-3

R.T.: 4.530 min
Delta R.T.: -0.022 min
Response: 15057
Conc: 13.73 ng/ml



#10 AR-1221-3

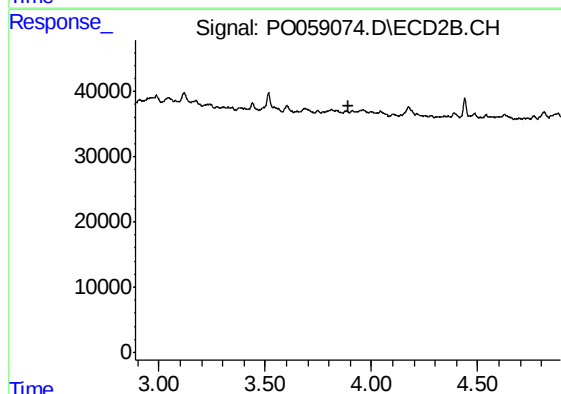
R.T.: 0.000 min
Exp R.T. : 3.889 min
Response: 0
Conc: N.D.



#11 AR-1232-1

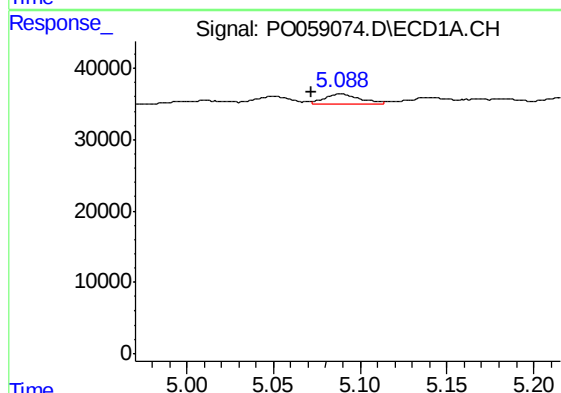
R.T.: 4.530 min
Delta R.T.: -0.023 min
Response: 15057
Conc: 16.68 ng/ml

Instrument :
ECD_O
ClientSampleId :
30406RE



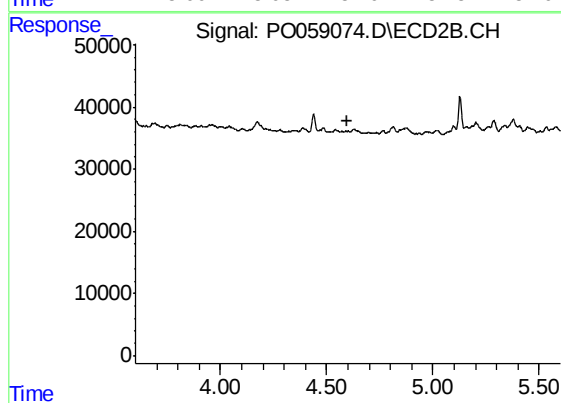
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 3.889 min
Response: 0
Conc: N.D.



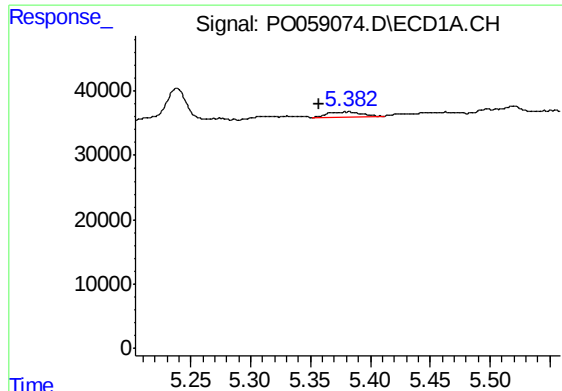
#12 AR-1232-2

R.T.: 5.089 min
Delta R.T.: 0.017 min
Response: 20440
Conc: 41.55 ng/ml



#12 AR-1232-2

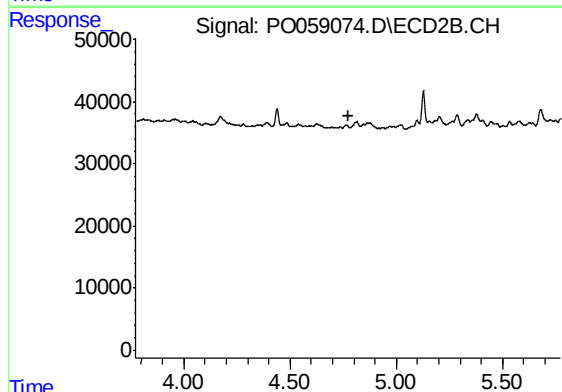
R.T.: 0.000 min
Exp R.T. : 4.600 min
Response: 0
Conc: N.D.



#13 AR-1232-3

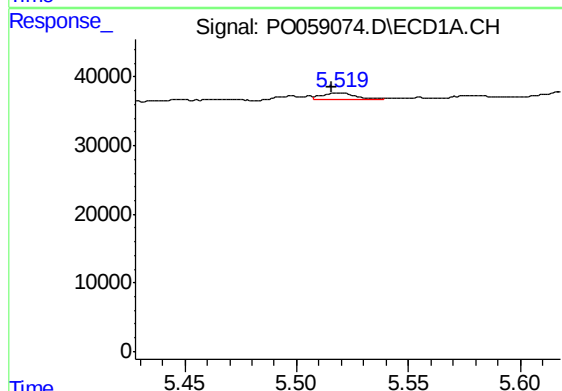
R.T.: 5.382 min
Delta R.T.: 0.025 min
Response: 14753
Conc: 13.78 ng/ml

Instrument :
ECD_O
ClientSampleId :
30406RE



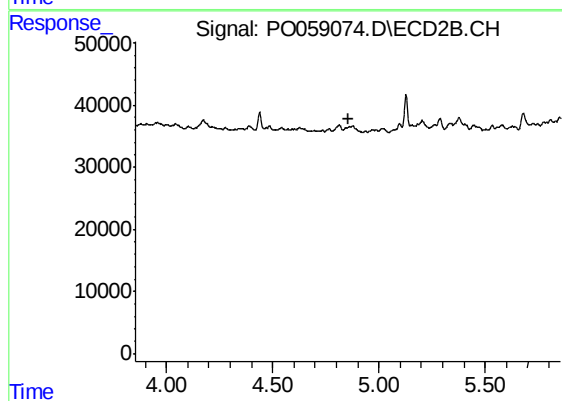
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 4.773 min
Response: 0
Conc: N.D.



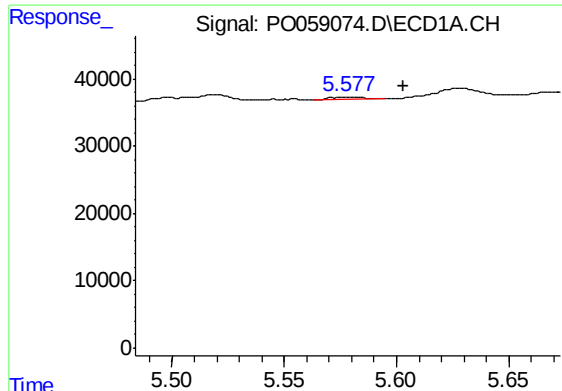
#14 AR-1232-4

R.T.: 5.519 min
Delta R.T.: 0.003 min
Response: 10470
Conc: 19.64 ng/ml



#14 AR-1232-4

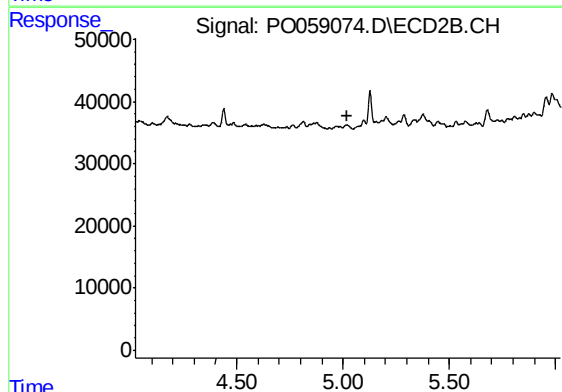
R.T.: 0.000 min
Exp R.T. : 4.854 min
Response: 0
Conc: N.D.



#15 AR-1232-5

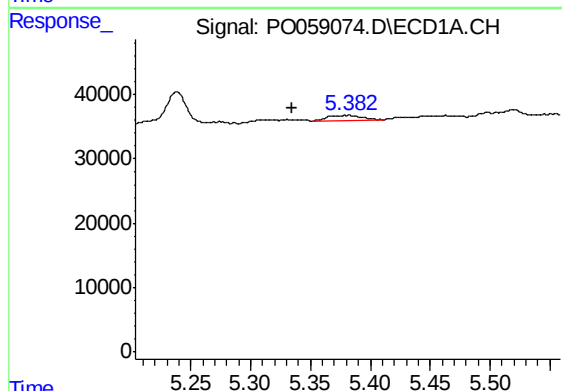
R.T.: 5.582 min
Delta R.T.: -0.021 min
Response: 4348
Conc: 10.65 ng/ml

Instrument :
ECD_O
ClientSampleId :
30406RE



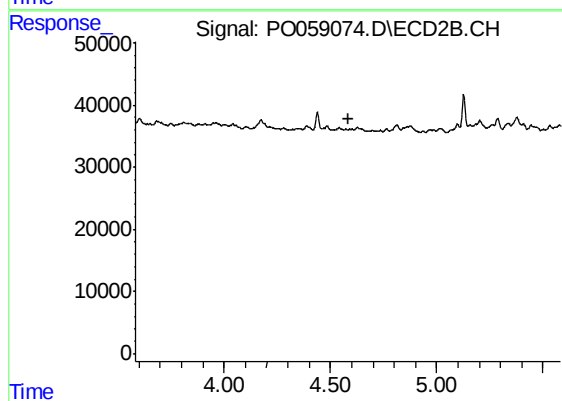
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.023 min
Response: 0
Conc: N.D.



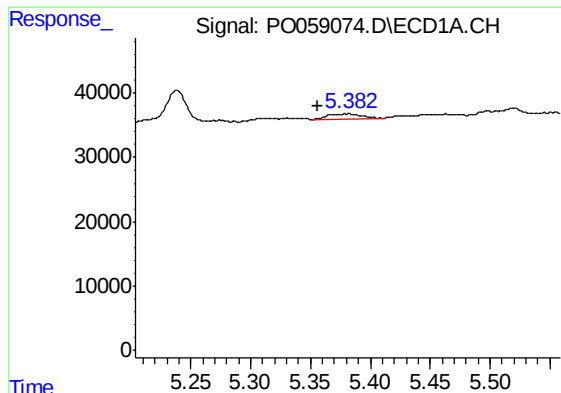
#16 AR-1242-1

R.T.: 5.382 min
Delta R.T.: 0.047 min
Response: 14753
Conc: 11.52 ng/ml



#16 AR-1242-1

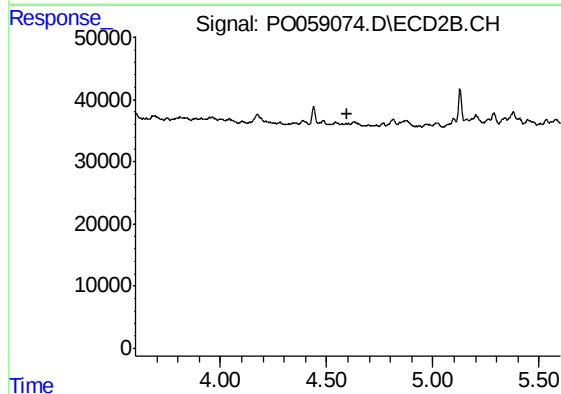
R.T.: 0.000 min
Exp R.T. : 4.583 min
Response: 0
Conc: N.D.



#17 AR-1242-2

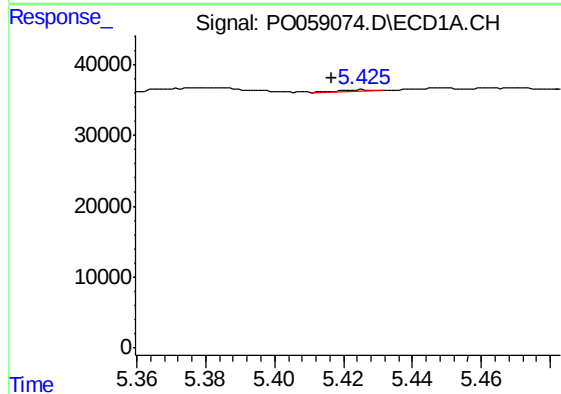
R.T.: 5.382 min
Delta R.T.: 0.026 min
Response: 14753
Conc: 7.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
30406RE



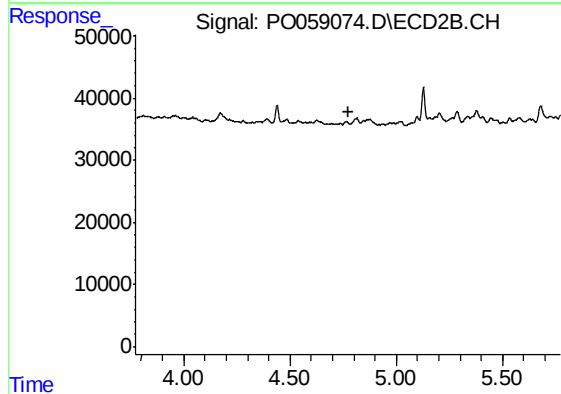
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.600 min
Response: 0
Conc: N.D.



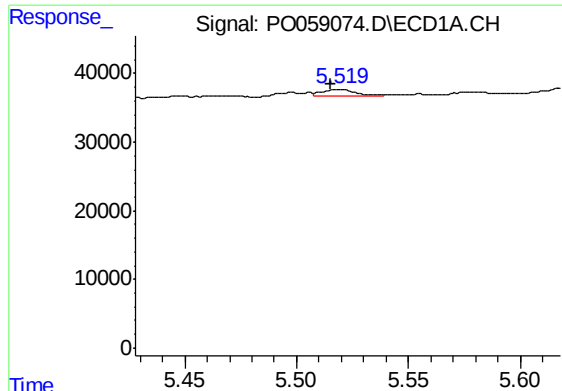
#18 AR-1242-3

R.T.: 5.426 min
Delta R.T.: 0.009 min
Response: 1775
Conc: 1.51 ng/ml



#18 AR-1242-3

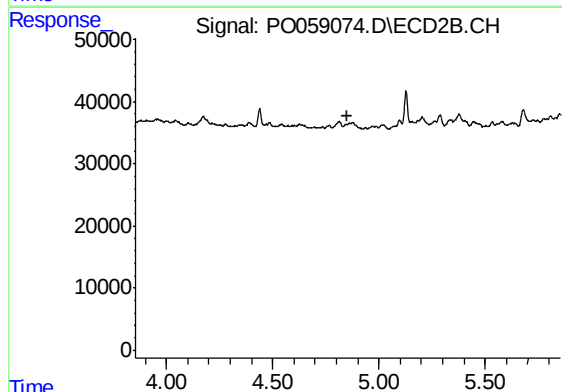
R.T.: 0.000 min
Exp R.T. : 4.773 min
Response: 0
Conc: N.D.



#19 AR-1242-4

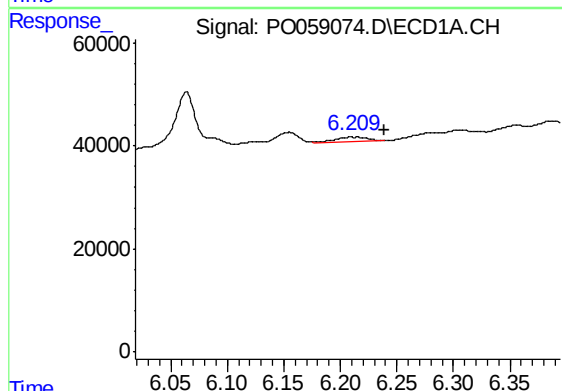
R.T.: 5.519 min
Delta R.T.: 0.004 min
Response: 10470
Conc: 10.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
30406RE



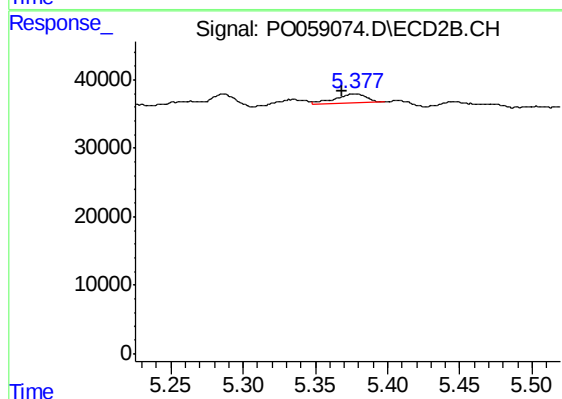
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 4.854 min
Response: 0
Conc: N.D.



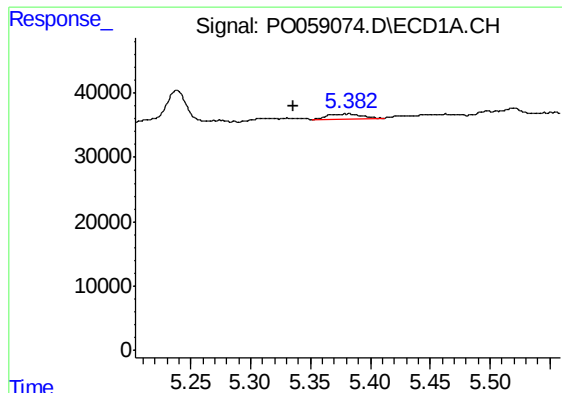
#20 AR-1242-5

R.T.: 6.209 min
Delta R.T.: -0.030 min
Response: 18954
Conc: 16.14 ng/ml



#20 AR-1242-5

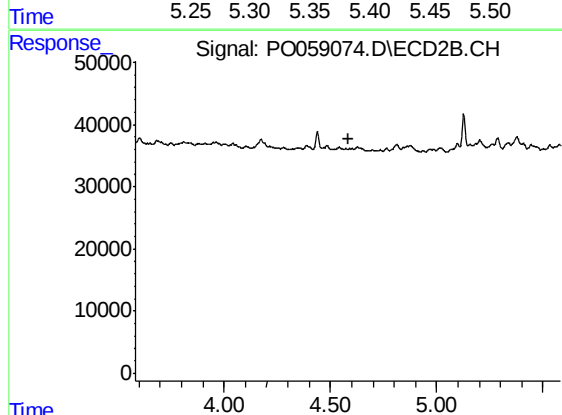
R.T.: 5.377 min
Delta R.T.: 0.009 min
Response: 20541
Conc: 19.15 ng/ml



#21 AR-1248-1

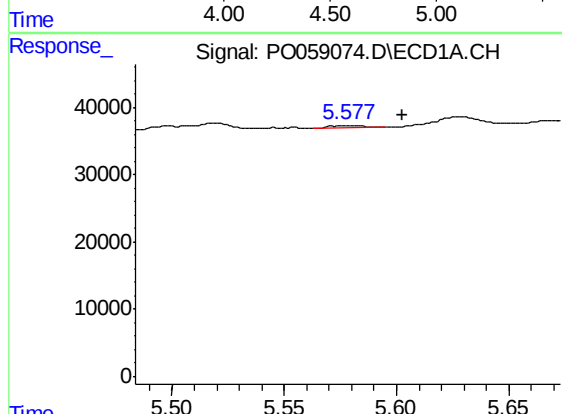
R.T.: 5.382 min
Delta R.T.: 0.046 min
Response: 14753
Conc: 14.59 ng/ml

Instrument :
ECD_O
ClientSampleId :
30406RE



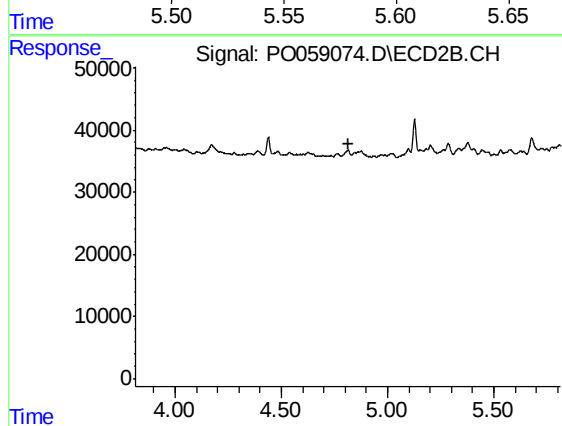
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.583 min
Response: 0
Conc: N.D.



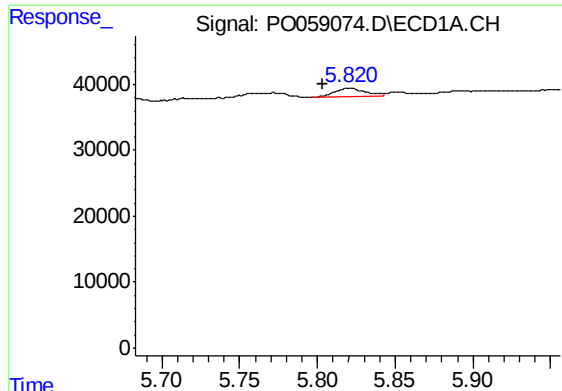
#22 AR-1248-2

R.T.: 5.582 min
Delta R.T.: -0.020 min
Response: 4348
Conc: 3.01 ng/ml



#22 AR-1248-2

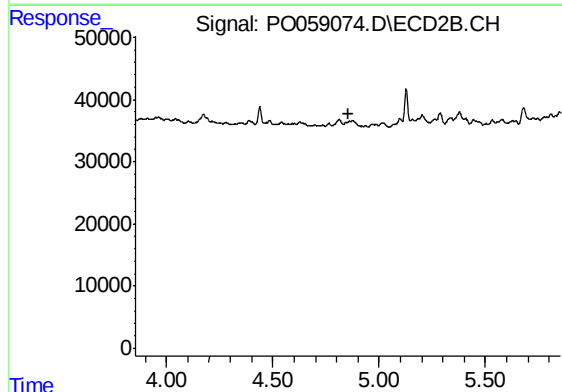
R.T.: 0.000 min
Exp R.T. : 4.814 min
Response: 0
Conc: N.D.



#23 AR-1248-3

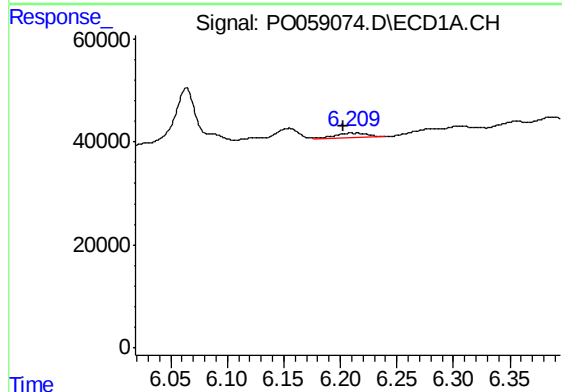
R.T.: 5.821 min
Delta R.T.: 0.018 min
Response: 18671
Conc: 11.37 ng/ml

Instrument :
ECD_O
ClientSampleId :
30406RE



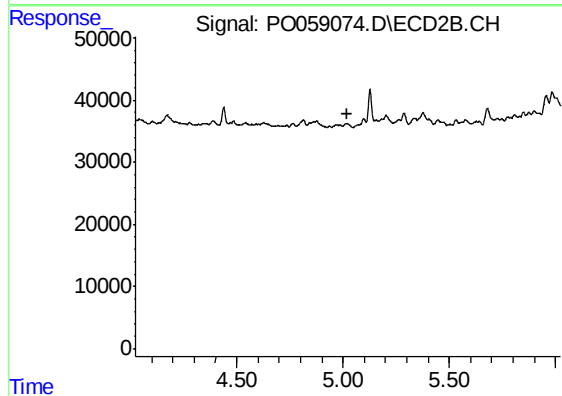
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 4.854 min
Response: 0
Conc: N.D.



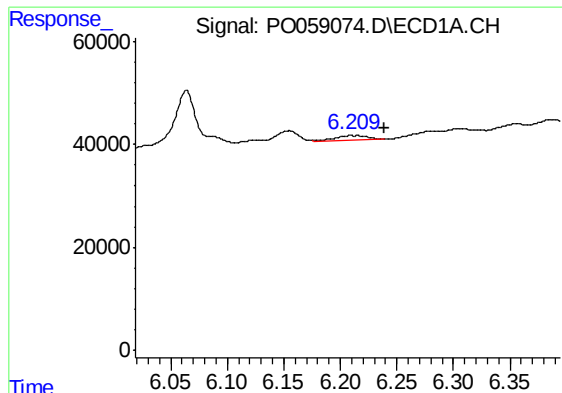
#24 AR-1248-4

R.T.: 6.209 min
Delta R.T.: 0.007 min
Response: 18954
Conc: 9.36 ng/ml



#24 AR-1248-4

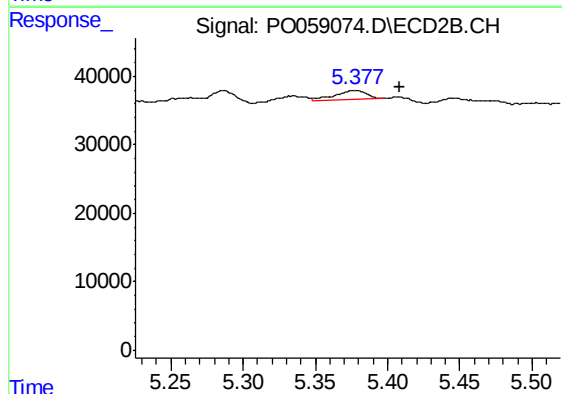
R.T.: 0.000 min
Exp R.T. : 5.023 min
Response: 0
Conc: N.D.



#25 AR-1248-5

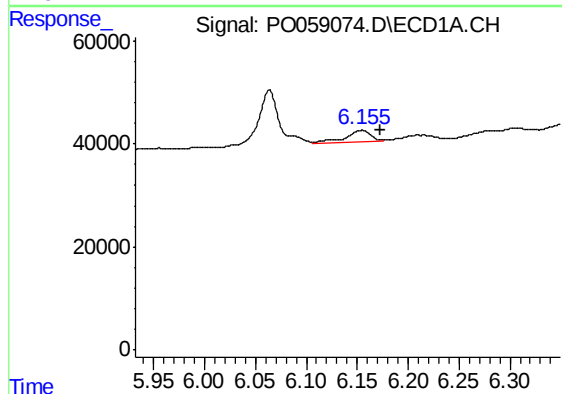
R.T.: 6.209 min
Delta R.T.: -0.030 min
Response: 18954
Conc: 9.82 ng/ml

Instrument :
ECD_O
ClientSampleId :
30406RE



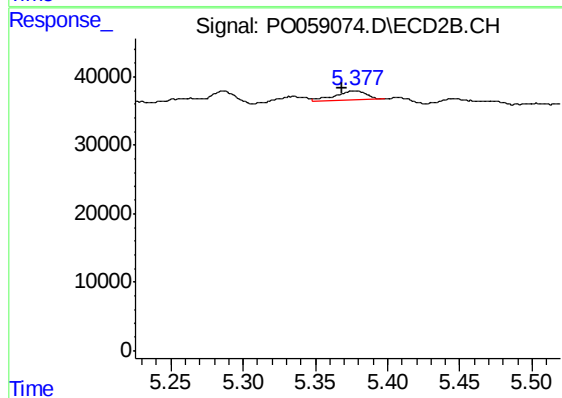
#25 AR-1248-5

R.T.: 5.377 min
Delta R.T.: -0.031 min
Response: 20541
Conc: 14.83 ng/ml



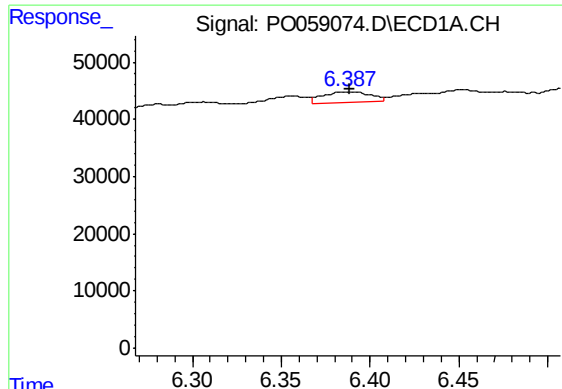
#26 AR-1254-1

R.T.: 6.154 min
Delta R.T.: -0.019 min
Response: 41832
Conc: 17.72 ng/ml



#26 AR-1254-1

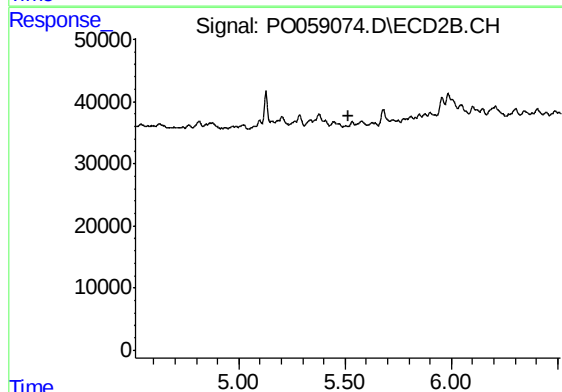
R.T.: 5.377 min
Delta R.T.: 0.009 min
Response: 20541
Conc: 7.93 ng/ml



#27 AR-1254-2

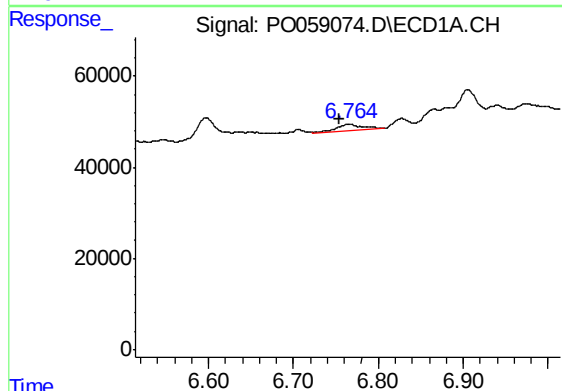
R.T.: 6.387 min
Delta R.T.: -0.002 min
Response: 33053
Conc: 8.58 ng/ml

Instrument :
ECD_O
ClientSampleId :
30406RE



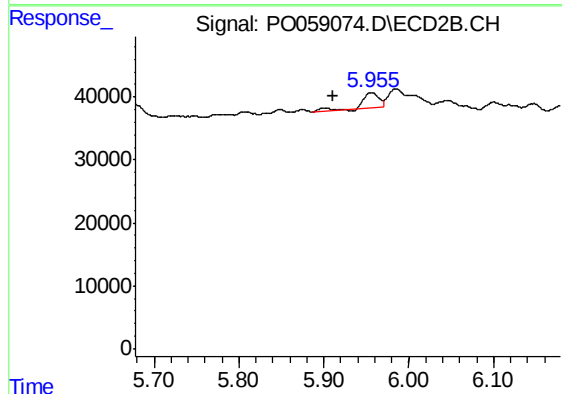
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 5.514 min
Response: 0
Conc: N.D.



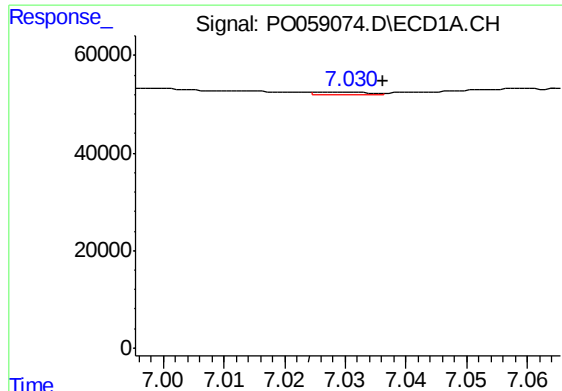
#28 AR-1254-3

R.T.: 6.765 min
Delta R.T.: 0.011 min
Response: 31975
Conc: 7.90 ng/ml



#28 AR-1254-3

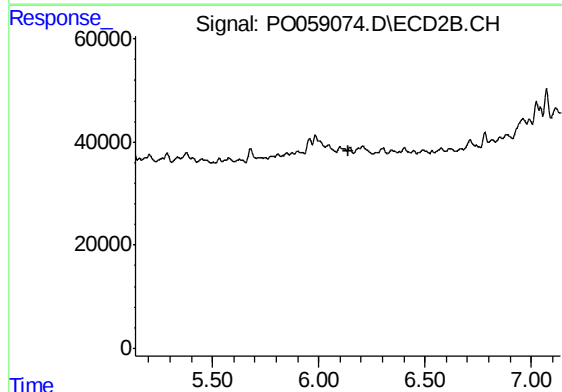
R.T.: 5.956 min
Delta R.T.: 0.045 min
Response: 32551
Conc: 8.85 ng/ml



#29 AR-1254-4

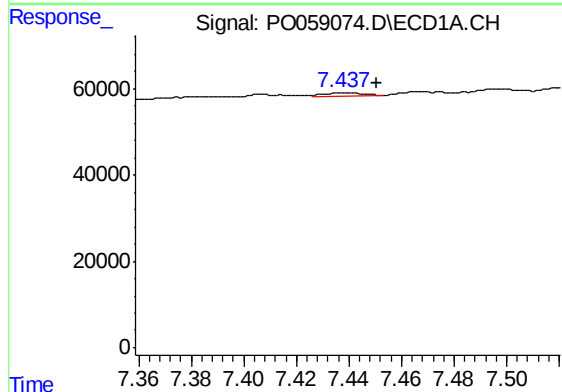
R.T.: 7.029 min
Delta R.T.: -0.007 min
Response: 3539
Conc: 0.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
30406RE



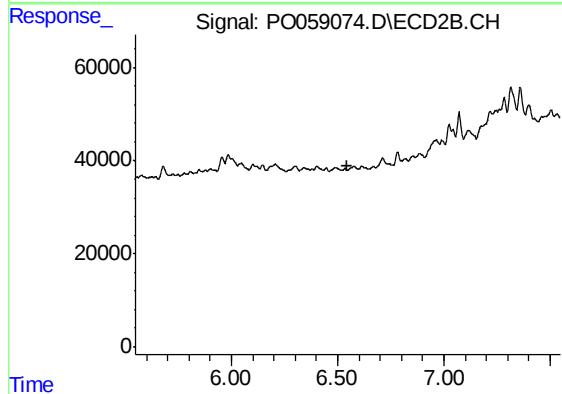
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.138 min
Response: 0
Conc: N.D.



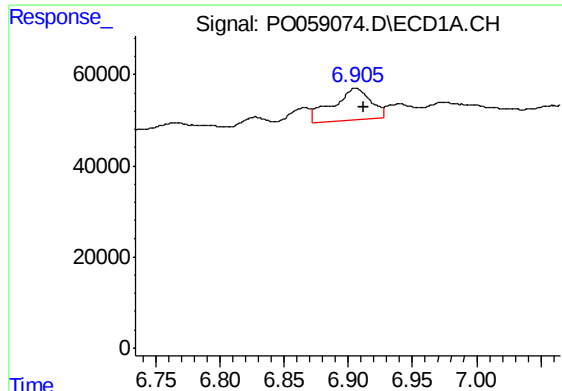
#30 AR-1254-5

R.T.: 7.438 min
Delta R.T.: -0.013 min
Response: 9075
Conc: 2.50 ng/ml



#30 AR-1254-5

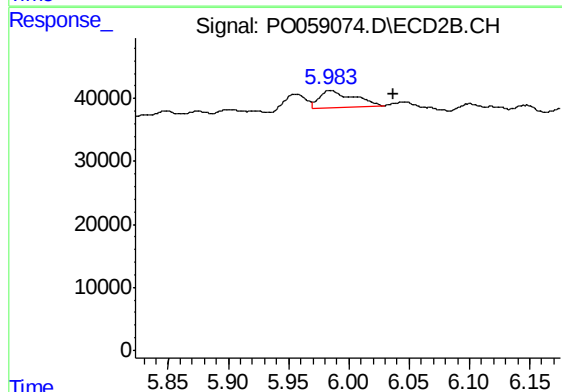
R.T.: 0.000 min
Exp R.T. : 6.548 min
Response: 0
Conc: N.D.



#31 AR-1260-1

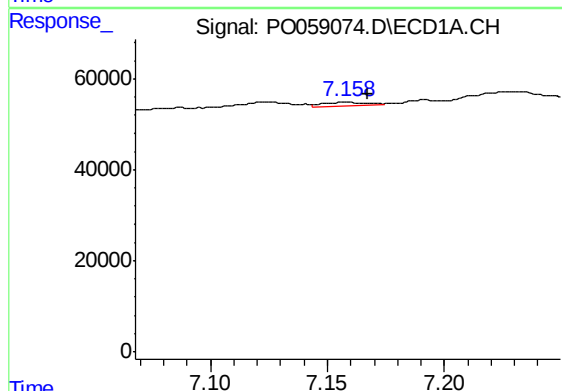
R.T.: 6.906 min
Delta R.T.: -0.006 min
Response: 143484
Conc: 49.84 ng/ml

Instrument :
ECD_O
ClientSampleId :
30406RE



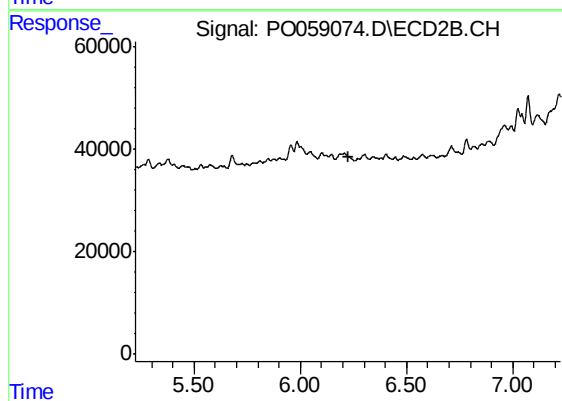
#31 AR-1260-1

R.T.: 5.984 min
Delta R.T.: -0.053 min
Response: 54669
Conc: 22.97 ng/ml



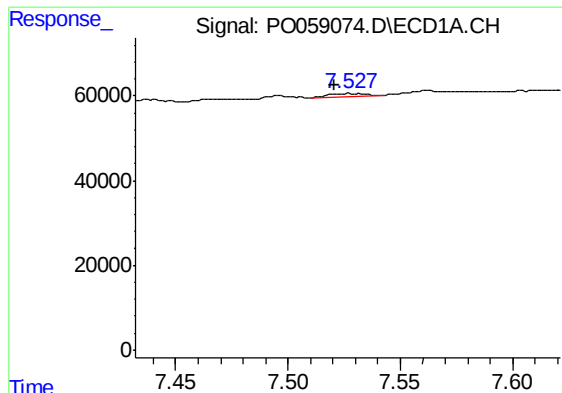
#32 AR-1260-2

R.T.: 7.158 min
Delta R.T.: -0.009 min
Response: 12230
Conc: 2.94 ng/ml



#32 AR-1260-2

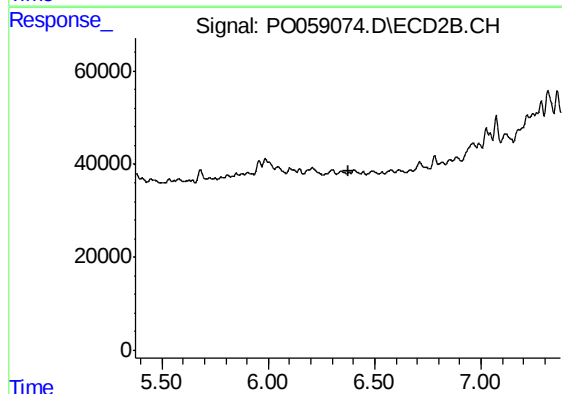
R.T.: 0.000 min
Exp R.T. : 6.225 min
Response: 0
Conc: N.D.



#33 AR-1260-3

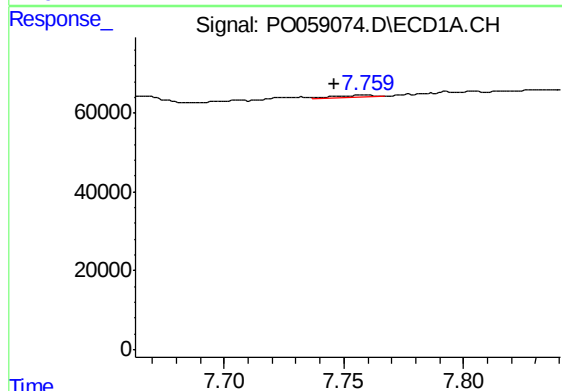
R.T.: 7.527 min
Delta R.T.: 0.006 min
Response: 9794
Conc: 2.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
30406RE



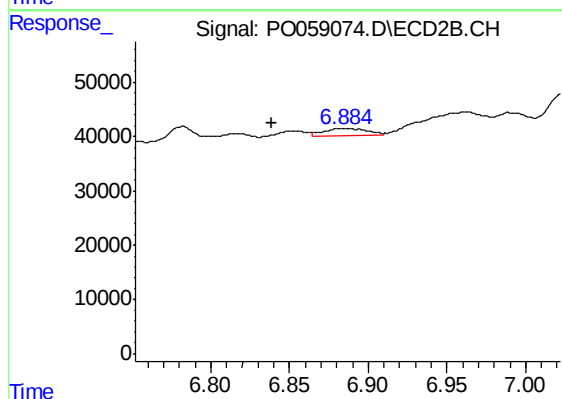
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 6.375 min
Response: 0
Conc: N.D.



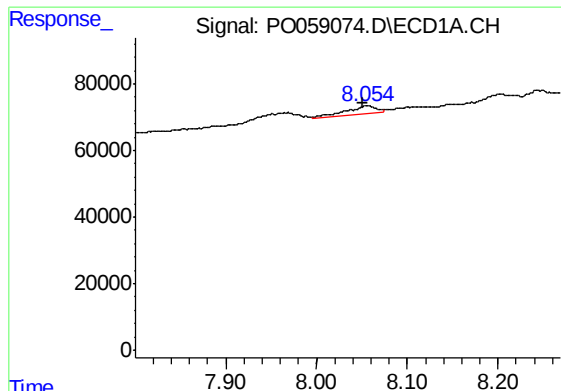
#34 AR-1260-4

R.T.: 7.758 min
Delta R.T.: 0.012 min
Response: 5155
Conc: 1.51 ng/ml



#34 AR-1260-4

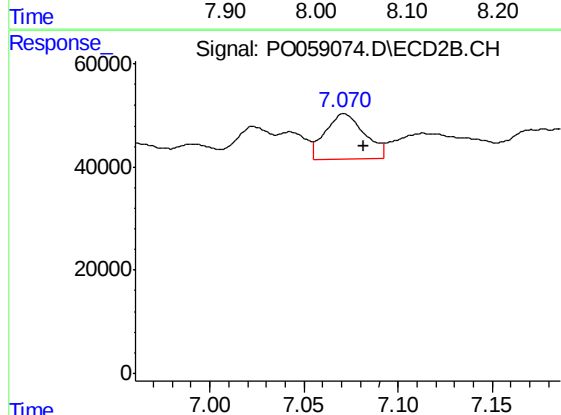
R.T.: 6.884 min
Delta R.T.: 0.045 min
Response: 23469
Conc: 10.39 ng/ml



#35 AR-1260-5

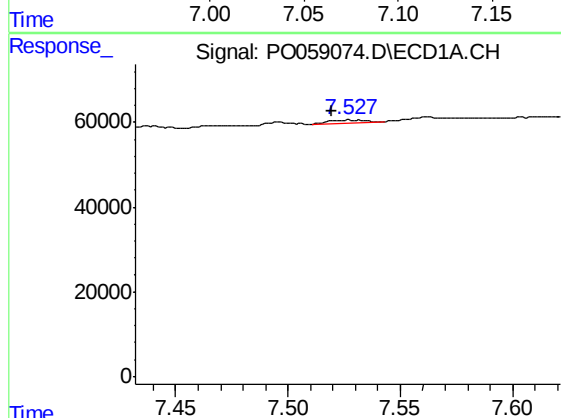
R.T.: 8.055 min
Delta R.T.: 0.003 min
Response: 50825
Conc: 6.91 ng/ml

Instrument :
ECD_O
ClientSampleId :
30406RE



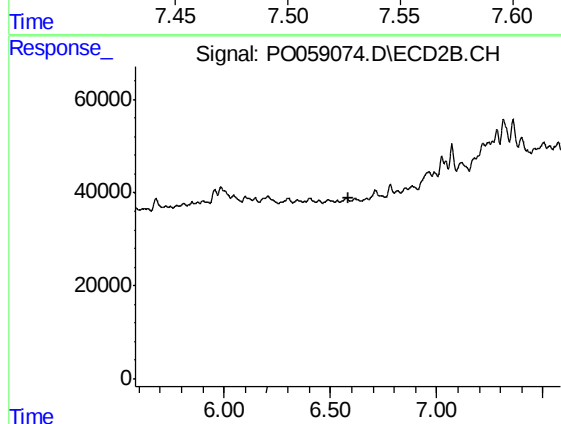
#35 AR-1260-5

R.T.: 7.071 min
Delta R.T.: -0.011 min
Response: 129735
Conc: 24.09 ng/ml



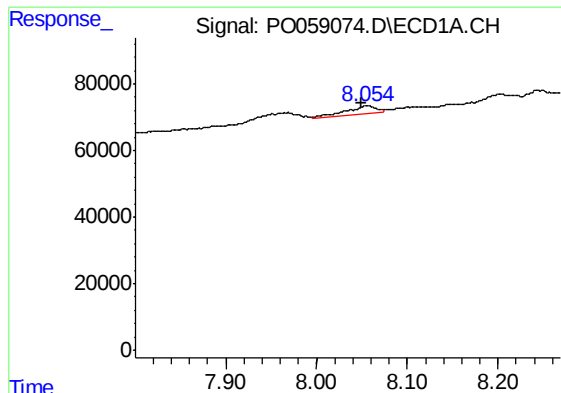
#36 AR-1262-1

R.T.: 7.527 min
Delta R.T.: 0.007 min
Response: 9794
Conc: 1.94 ng/ml



#36 AR-1262-1

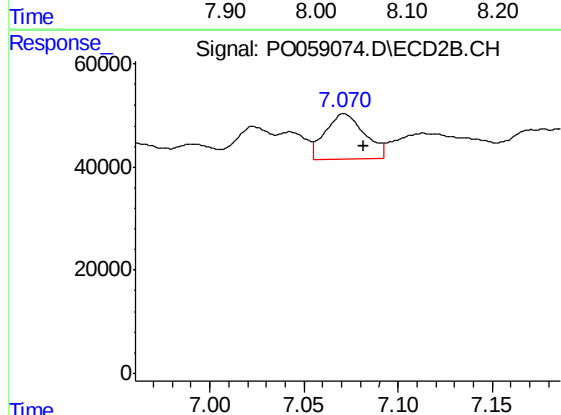
R.T.: 0.000 min
Exp R.T. : 6.583 min
Response: 0
Conc: N.D.



#37 AR-1262-2

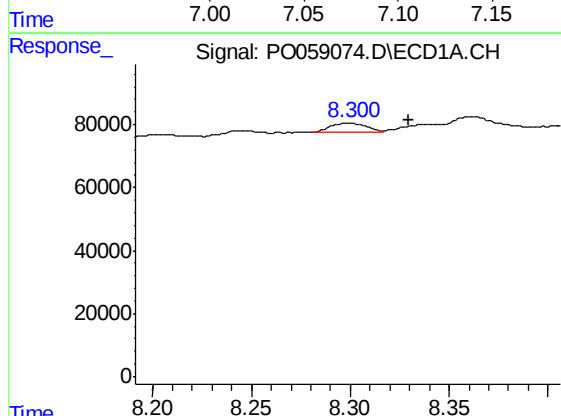
R.T.: 8.055 min
Delta R.T.: 0.005 min
Response: 50825
Conc: 6.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
30406RE



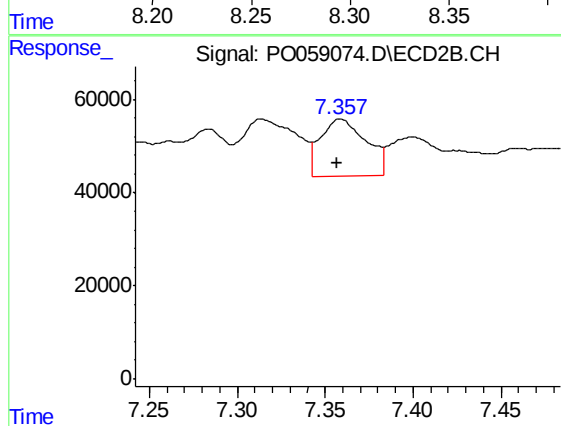
#37 AR-1262-2

R.T.: 7.071 min
Delta R.T.: -0.010 min
Response: 129735
Conc: 22.98 ng/ml



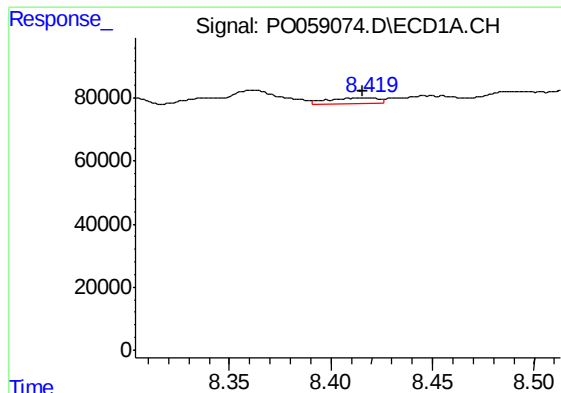
#38 AR-1262-3

R.T.: 8.300 min
Delta R.T.: -0.030 min
Response: 36725
Conc: 7.22 ng/ml



#38 AR-1262-3

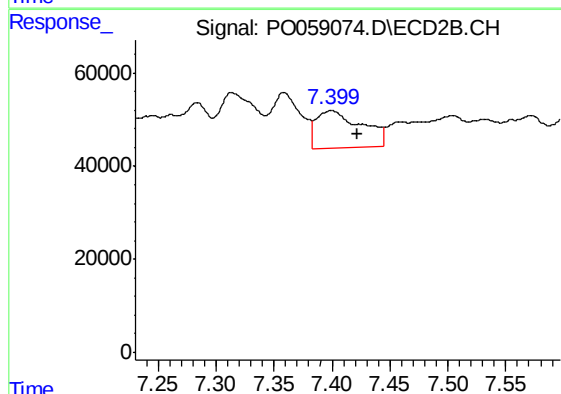
R.T.: 7.359 min
Delta R.T.: 0.002 min
Response: 219120
Conc: 88.78 ng/ml



#39 AR-1262-4

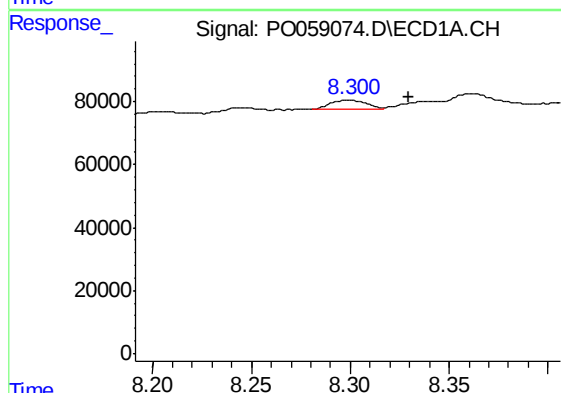
R.T.: 8.419 min
Delta R.T.: 0.004 min
Response: 30456
Conc: 8.04 ng/ml

Instrument :
ECD_O
ClientSampleId :
30406RE



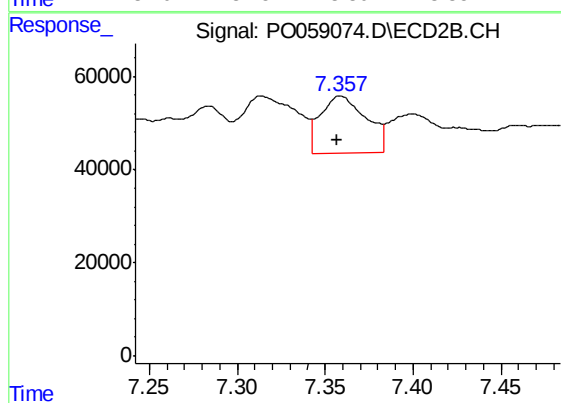
#39 AR-1262-4

R.T.: 7.399 min
Delta R.T.: -0.023 min
Response: 216733
Conc: 51.04 ng/ml



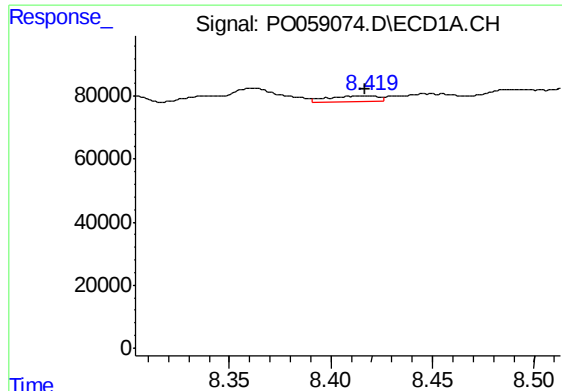
#41 AR-1268-1

R.T.: 8.300 min
Delta R.T.: -0.030 min
Response: 36725
Conc: 3.29 ng/ml



#41 AR-1268-1

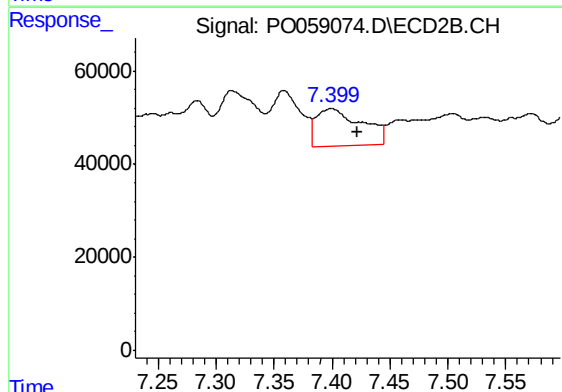
R.T.: 7.359 min
Delta R.T.: 0.002 min
Response: 219120
Conc: 26.90 ng/ml



#42 AR-1268-2

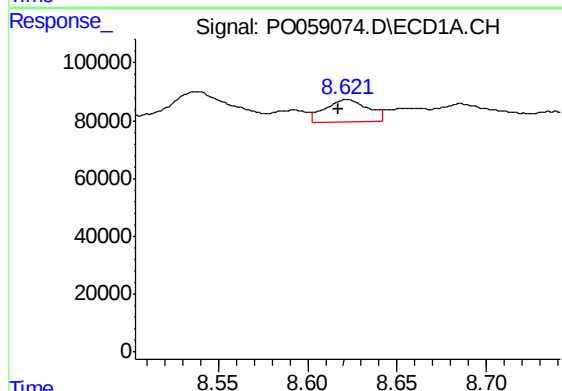
R.T.: 8.419 min
Delta R.T.: 0.003 min
Response: 30456
Conc: 3.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
30406RE



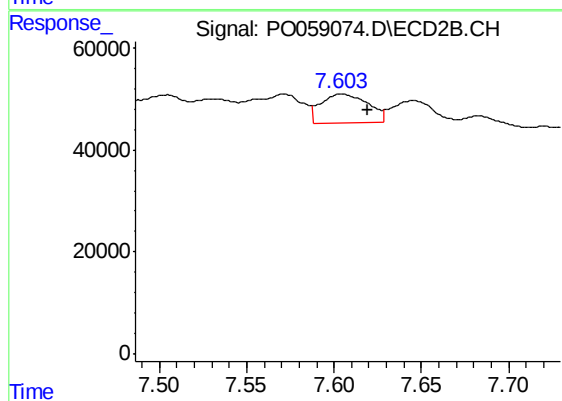
#42 AR-1268-2

R.T.: 7.399 min
Delta R.T.: -0.023 min
Response: 216733
Conc: 28.60 ng/ml



#43 AR-1268-3

R.T.: 8.622 min
Delta R.T.: 0.005 min
Response: 128615
Conc: 15.57 ng/ml



#43 AR-1268-3

R.T.: 7.604 min
Delta R.T.: -0.015 min
Response: 104116
Conc: 16.29 ng/ml