

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0083019\
 Data File : P0060114.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 30 Aug 2019 20:45
 Operator : SM/AJ
 Sample : K4555-13
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 TW-4

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 30 23:25:24 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

System Monitoring Compounds							
1)	SA Tetrachlo...	4.123	3.498	955092	839336	27.279	23.318
2)	SA Decachlor...	9.581	8.352	819395	634534	15.402	15.737
Target Compounds							
3)	L1 AR-1016-1	5.267	0.000	1384	0	0.863	N.D. #
4)	L1 AR-1016-2	5.299	0.000	1346	0	0.562	N.D. #
5)	L1 AR-1016-3	5.337	0.000	7859	0	5.276	N.D. #
6)	L1 AR-1016-4	5.475	0.000	701	0	0.580	N.D. #
7)	L1 AR-1016-5	5.735	0.000	3084	0	2.402	N.D. #
8)	L2 AR-1221-1	4.364	0.000	2681	0	6.332	N.D. #
9)	L2 AR-1221-2	4.423	0.000	12186	0	37.519	N.D. #
10)	L2 AR-1221-3	4.533	0.000	1088	0	1.035	N.D. #
11)	L3 AR-1232-1	4.533	0.000	1088	0	0.873	N.D. #
12)	L3 AR-1232-2	5.007	0.000	5368	0	7.599	N.D. #
13)	L3 AR-1232-3	5.299	0.000	1346	0	0.879	N.D. #
14)	L3 AR-1232-4	5.529	0.000	1471	0	1.881	N.D. #
15)	L3 AR-1232-5	5.568	0.000	7326	0	12.187	N.D. #
16)	L4 AR-1242-1	5.299	0.000	1346	0	1.060	N.D. #
17)	L4 AR-1242-2	5.299	0.000	1346	0	0.725	N.D. #
18)	L4 AR-1242-3	5.337	0.000	7859	0	6.723	N.D. #
19)	L4 AR-1242-4	5.529	0.000	1471	0	1.519	N.D. #
20)	L4 AR-1242-5	6.224	0.000	6060	0	4.823	N.D. #
21)	L5 AR-1248-1	5.267	0.000	1384	0	1.381	N.D. #
22)	L5 AR-1248-2	5.529	0.000	1471	0	1.014	N.D. #
23)	L5 AR-1248-3	5.682	0.000	1905	0	1.146	N.D. #
24)	L5 AR-1248-4	6.114	0.000	12175	0	5.956	N.D. #
25)	L5 AR-1248-5	6.178	0.000	23555	0	11.878	N.D. #
26)	L6 AR-1254-1	6.114	0.000	12175	0	5.835	N.D. #
27)	L6 AR-1254-2	6.332	0.000	3385	0	1.015	N.D. #
28)	L6 AR-1254-3	6.697	0.000	2120	0	0.597	N.D. #
29)	L6 AR-1254-4	6.975	0.000	3986	0	1.353	N.D. #
30)	L6 AR-1254-5	7.394	0.000	9617	0	3.110	N.D. #
31)	L7 AR-1260-1	6.838	0.000	2663	0	0.988	N.D. #
32)	L7 AR-1260-2	7.118	0.000	870	0	0.235	N.D. #
33)	L7 AR-1260-3	7.418	0.000	2210	0	0.674	N.D. #
34)	L7 AR-1260-4	7.671	0.000	7024	0	2.287	N.D. #
35)	L7 AR-1260-5	8.025	0.000	104643	0	14.778	N.D. #
37)	L8 AR-1262-2	8.025	0.000	104643	0	13.562	N.D. #
38)	L8 AR-1262-3	8.268	0.000	25893	0	5.075	N.D. #
39)	L8 AR-1262-4	8.326	0.000	126439	0	32.801	N.D. #
40)	L8 AR-1262-5	8.957	0.000	30796	0	11.999	N.D. #
41)	L9 AR-1268-1	8.268	0.000	25893	0	2.751	N.D. #
42)	L9 AR-1268-2	8.326	0.000	126439	0	16.040	N.D. #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0083019\
 Data File : P0060114.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 30 Aug 2019 20:45
 Operator : SM/AJ
 Sample : K4555-13
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 TW-4

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 30 23:25:24 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	
43)	L9 AR-1268-3	8.616	0.000	106111	0	15.054	N.D.	#
44)	L9 AR-1268-4	8.957	0.000	30796	0	11.078	N.D.	#
45)	L9 AR-1268-5	9.331	0.000	24950	0	1.353	N.D.	#

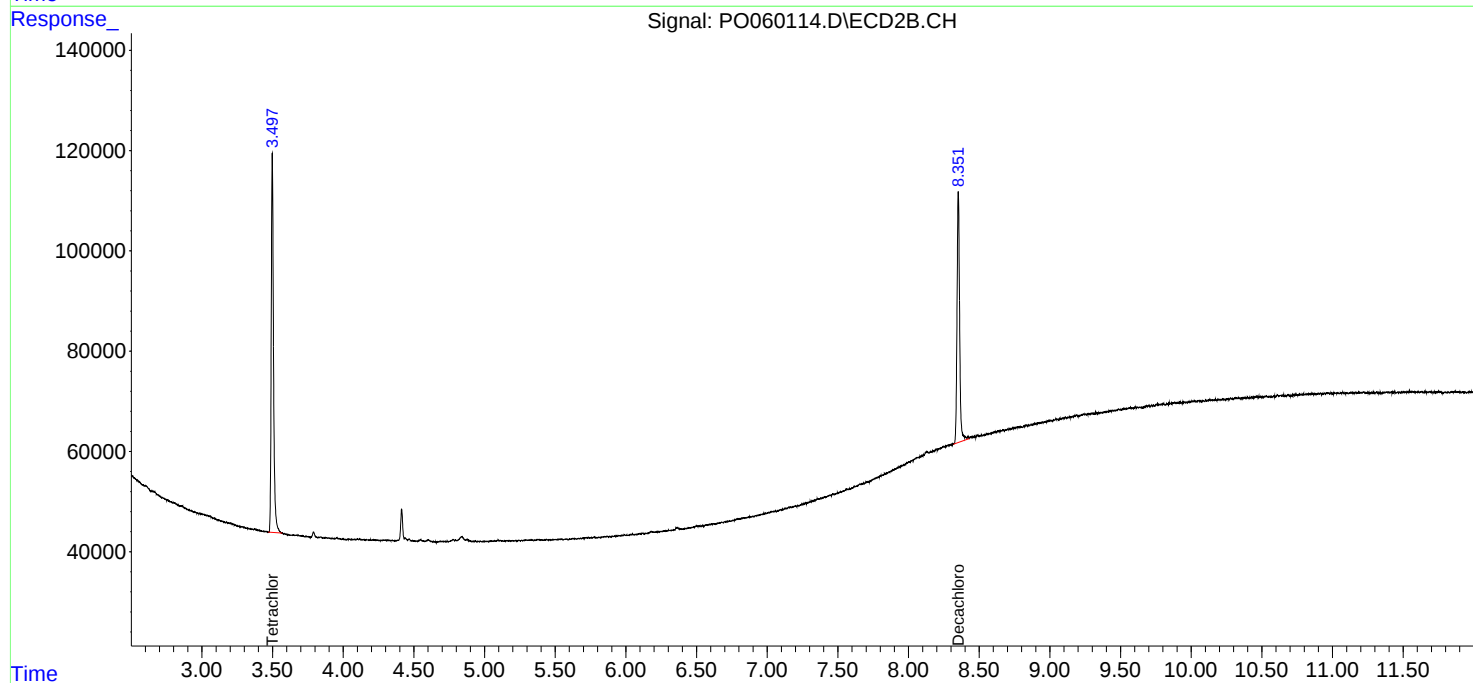
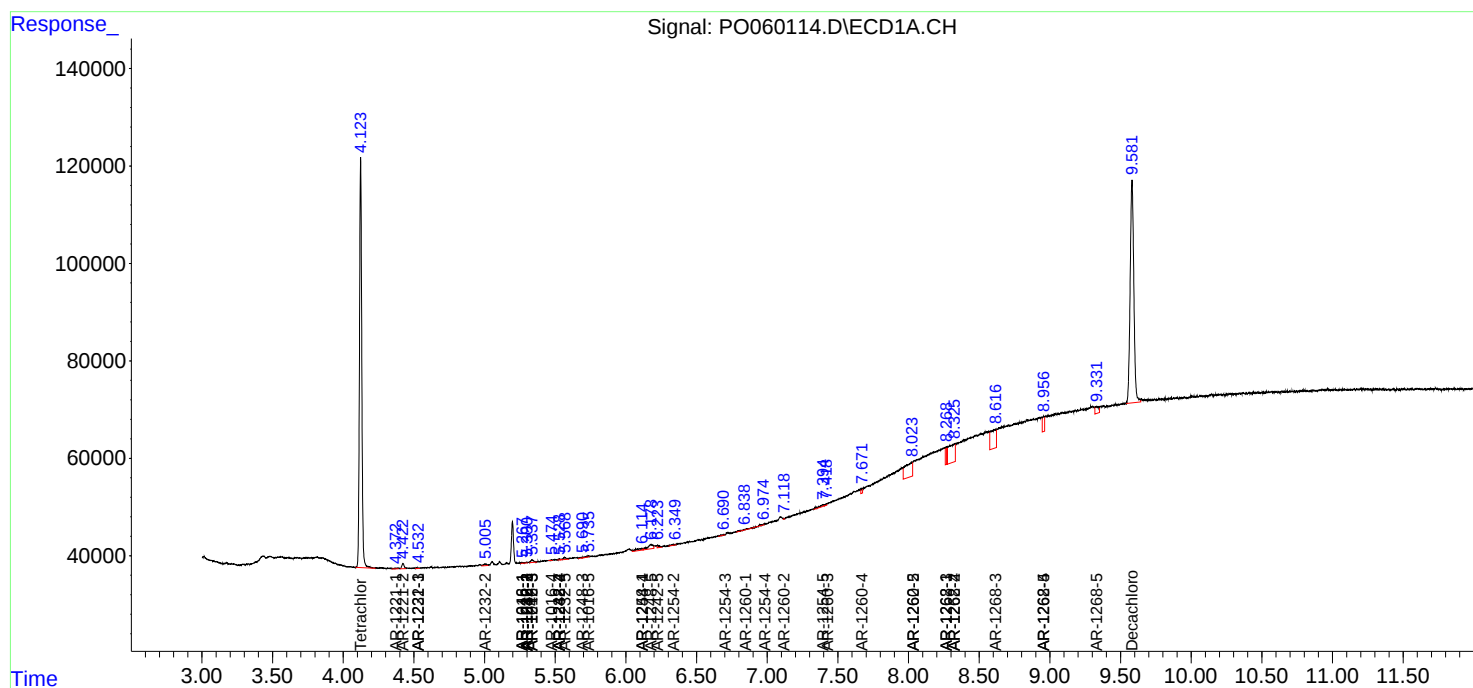
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

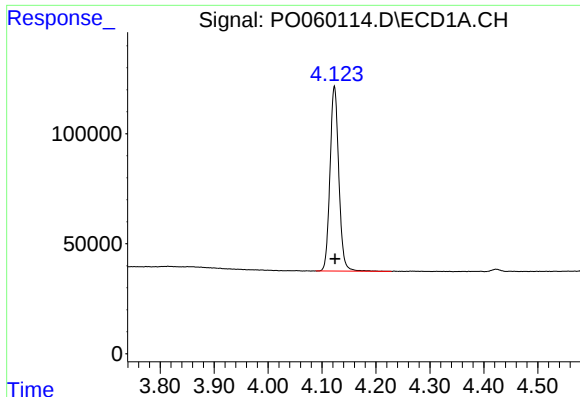
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO083019\
Data File : PO060114.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 30 Aug 2019 20:45
Operator : SM/AJ
Sample : K4555-13
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampled :
TW-4

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 30 23:25:24 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081719.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

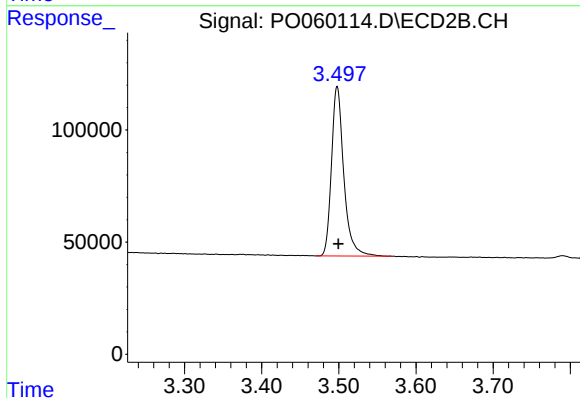




#1 Tetrachloro-m-xylene

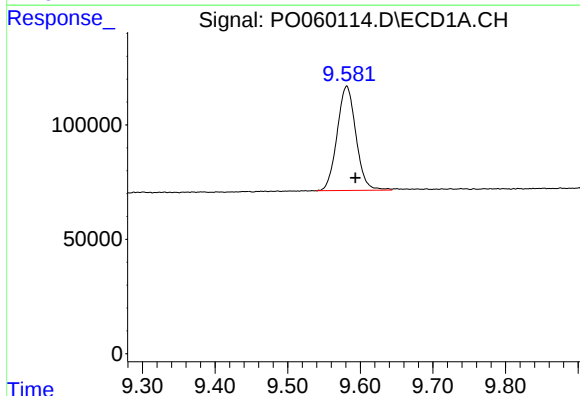
R.T.: 4.123 min
Delta R.T.: -0.001 min
Response: 955092
Conc: 27.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
TW-4



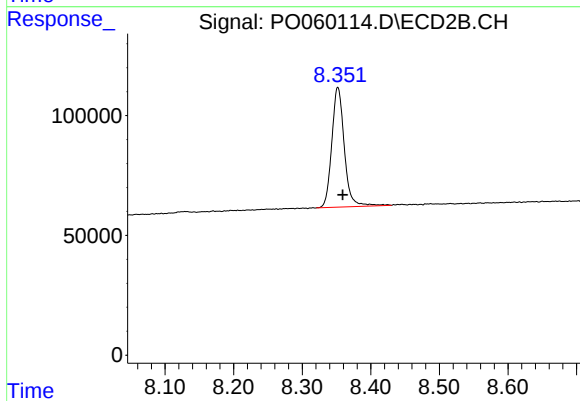
#1 Tetrachloro-m-xylene

R.T.: 3.498 min
Delta R.T.: -0.001 min
Response: 839336
Conc: 23.32 ng/ml



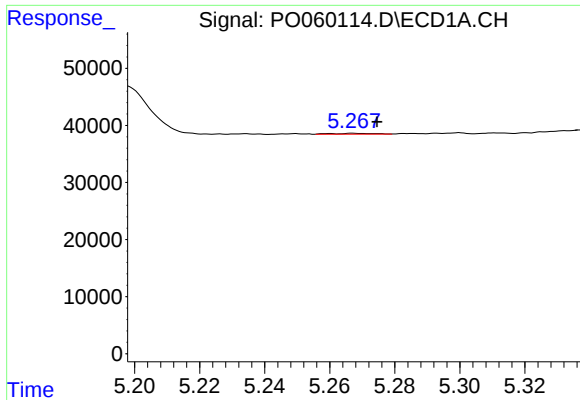
#2 Decachlorobiphenyl

R.T.: 9.581 min
Delta R.T.: -0.012 min
Response: 819395
Conc: 15.40 ng/ml



#2 Decachlorobiphenyl

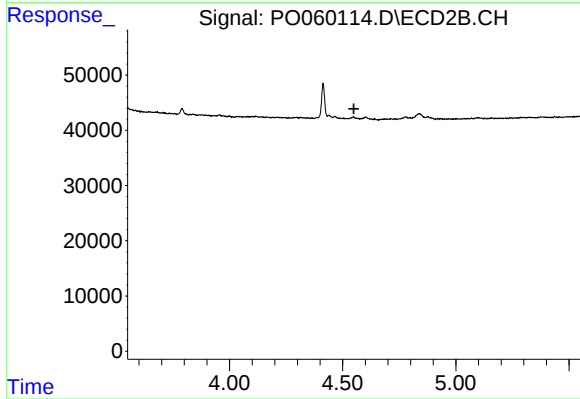
R.T.: 8.352 min
Delta R.T.: -0.007 min
Response: 634534
Conc: 15.74 ng/ml



#3 AR-1016-1

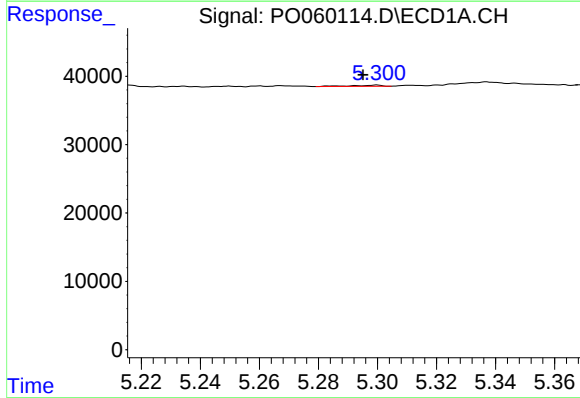
R.T.: 5.267 min
Delta R.T.: -0.007 min
Response: 1384
Conc: 0.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
TW-4



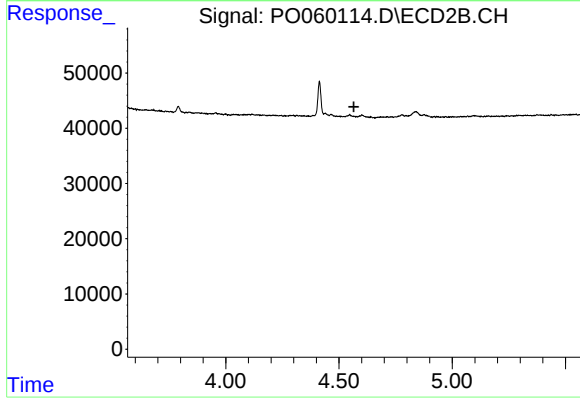
#3 AR-1016-1

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



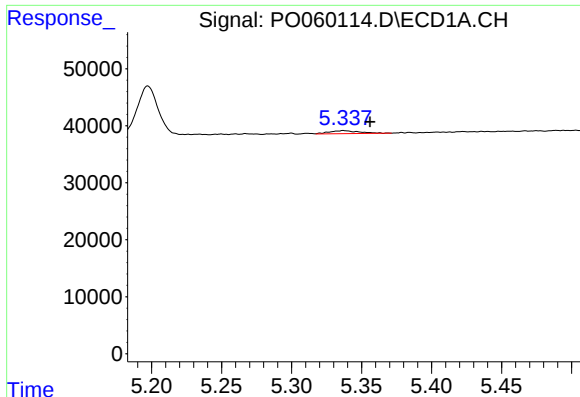
#4 AR-1016-2

R.T.: 5.299 min
Delta R.T.: 0.004 min
Response: 1346
Conc: 0.56 ng/ml



#4 AR-1016-2

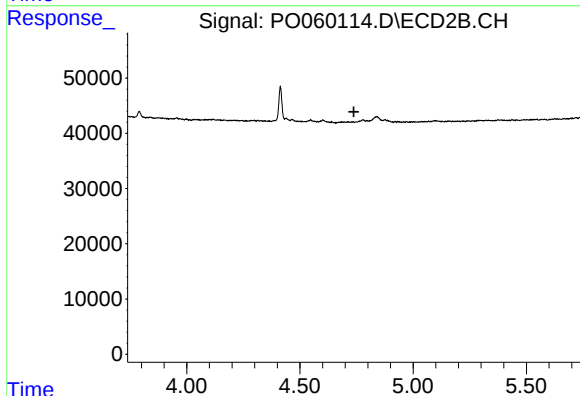
R.T.: 0.000 min
Exp R.T. : 4.566 min
Response: 0
Conc: N.D.



#5 AR-1016-3

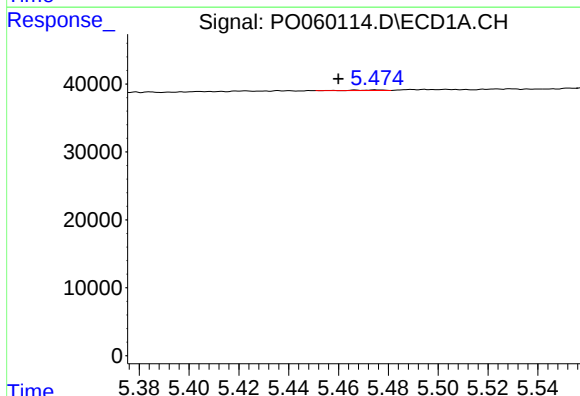
R.T.: 5.337 min
Delta R.T.: -0.019 min
Response: 7859
Conc: 5.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
TW-4



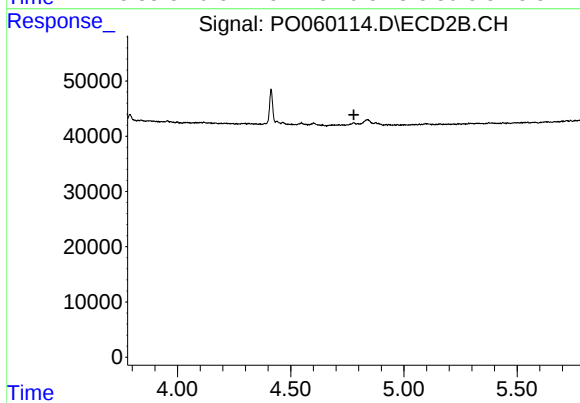
#5 AR-1016-3

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



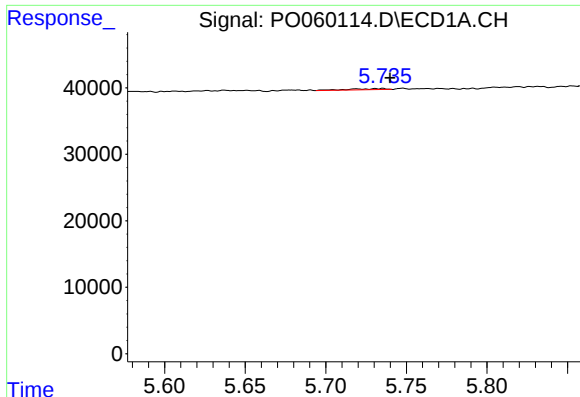
#6 AR-1016-4

R.T.: 5.475 min
Delta R.T.: 0.015 min
Response: 701
Conc: 0.58 ng/ml



#6 AR-1016-4

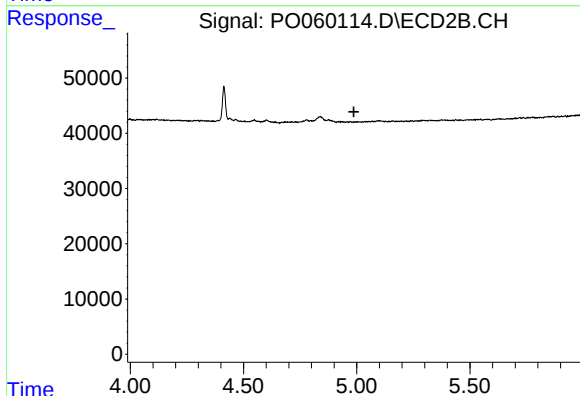
R.T.: 0.000 min
Exp R.T. : 4.779 min
Response: 0
Conc: N.D.



#7 AR-1016-5

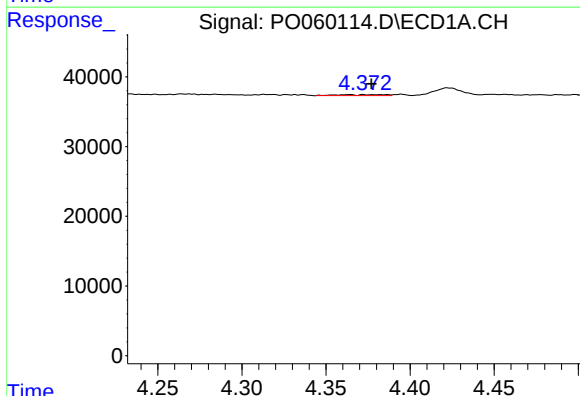
R.T.: 5.735 min
Delta R.T.: -0.005 min
Response: 3084
Conc: 2.40 ng/ml

Instrument :
ECD_O
ClientSampleId :
TW-4



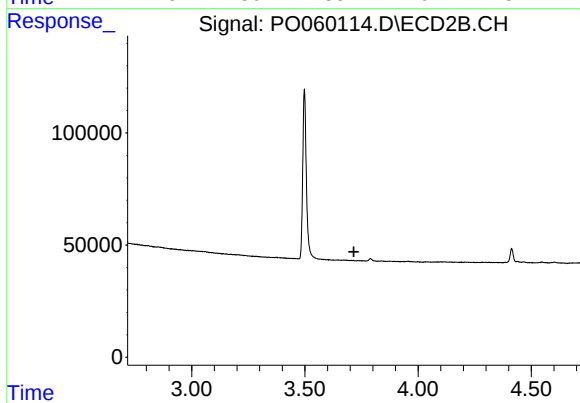
#7 AR-1016-5

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



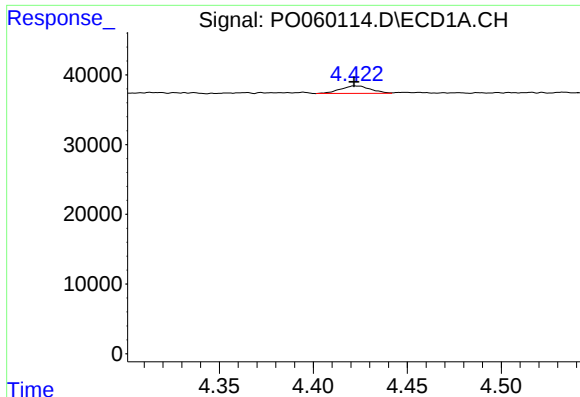
#8 AR-1221-1

R.T.: 4.364 min
Delta R.T.: -0.013 min
Response: 2681
Conc: 6.33 ng/ml



#8 AR-1221-1

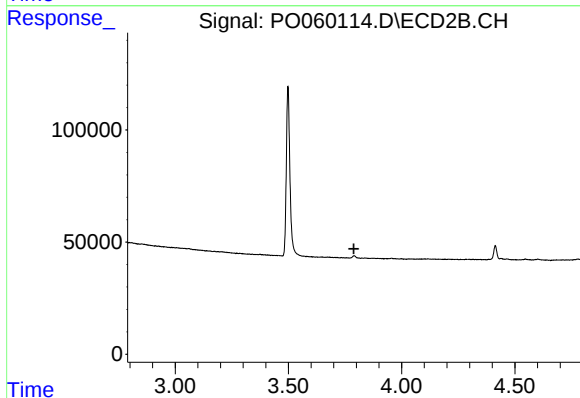
R.T.: 0.000 min
Exp R.T. : 3.717 min
Response: 0
Conc: N.D.



#9 AR-1221-2

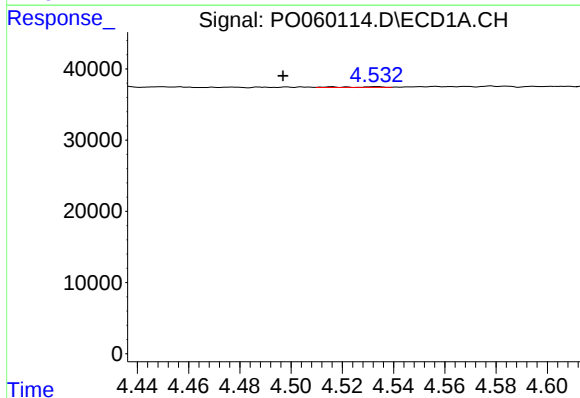
R.T.: 4.423 min
Delta R.T.: 0.001 min
Response: 12186
Conc: 37.52 ng/ml

Instrument :
ECD_O
ClientSampleId :
TW-4



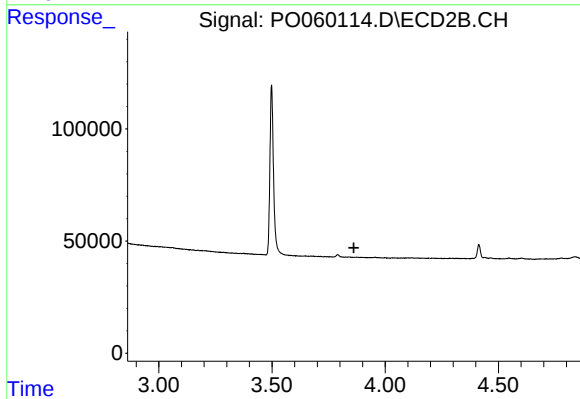
#9 AR-1221-2

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



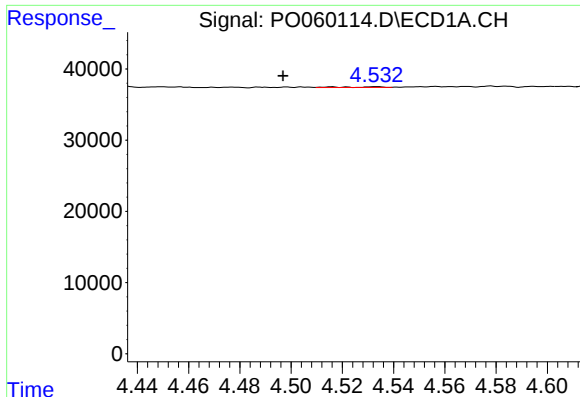
#10 AR-1221-3

R.T.: 4.533 min
Delta R.T.: 0.036 min
Response: 1088
Conc: 1.03 ng/ml



#10 AR-1221-3

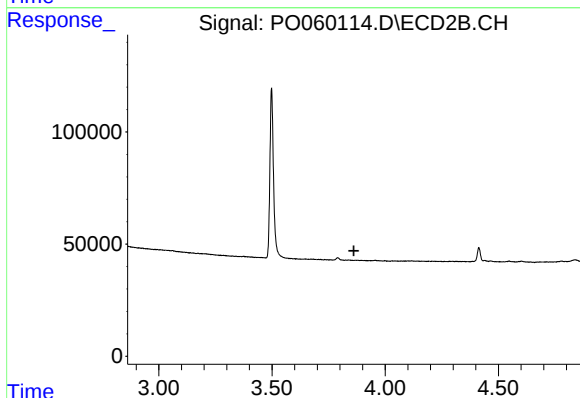
R.T.: 0.000 min
Exp R.T. : 3.862 min
Response: 0
Conc: N.D.



#11 AR-1232-1

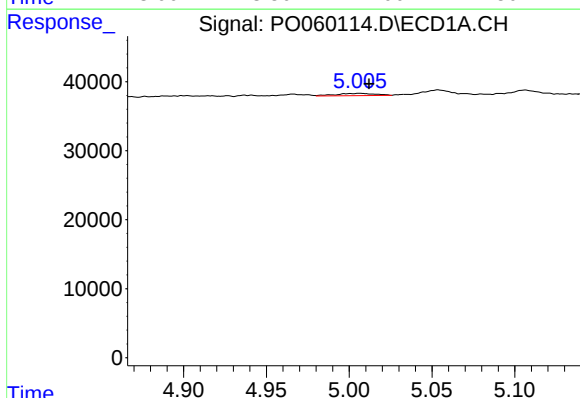
R.T.: 4.533 min
Delta R.T.: 0.036 min
Response: 1088
Conc: 0.87 ng/ml

Instrument :
ECD_O
ClientSampleId :
TW-4



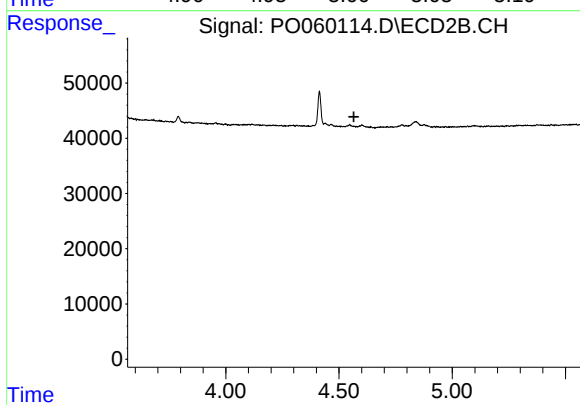
#11 AR-1232-1

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



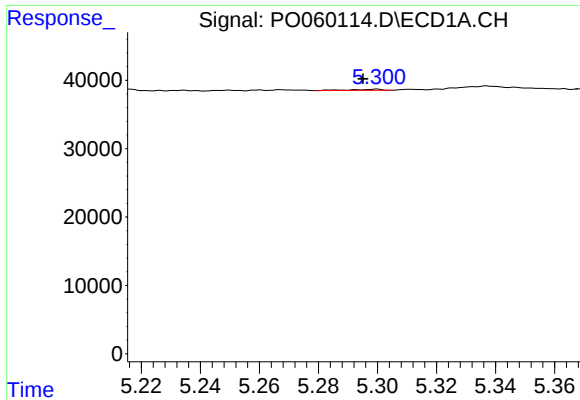
#12 AR-1232-2

R.T.: 5.007 min
Delta R.T.: -0.005 min
Response: 5368
Conc: 7.60 ng/ml



#12 AR-1232-2

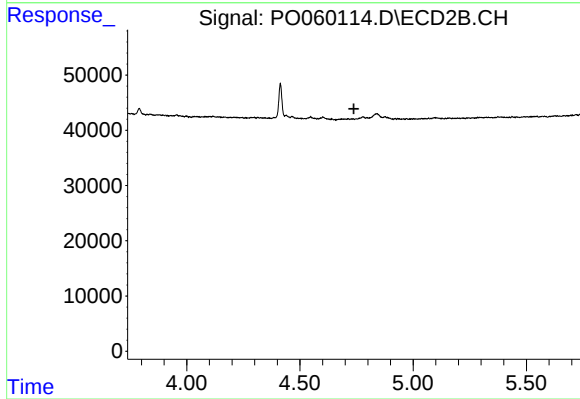
R.T.: 0.000 min
Exp R.T. : 4.566 min
Response: 0
Conc: N.D.



#13 AR-1232-3

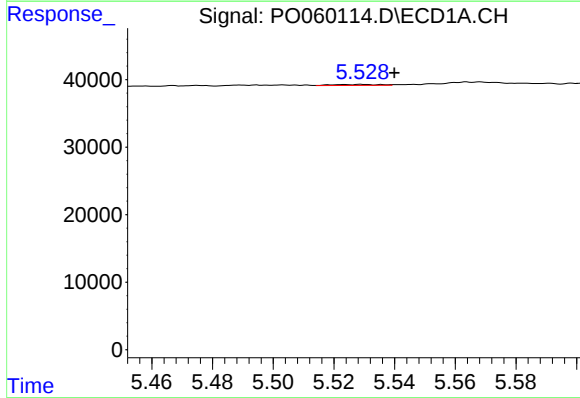
R.T.: 5.299 min
Delta R.T.: 0.004 min
Response: 1346
Conc: 0.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
TW-4



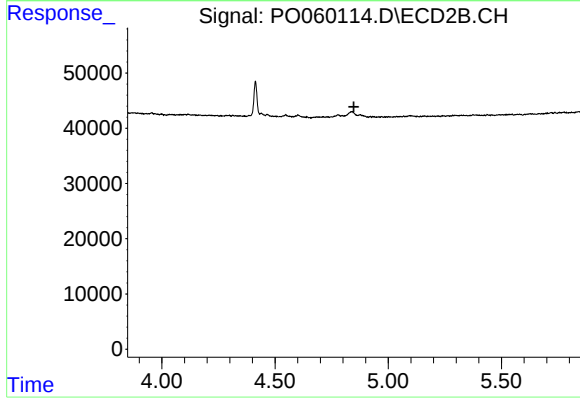
#13 AR-1232-3

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



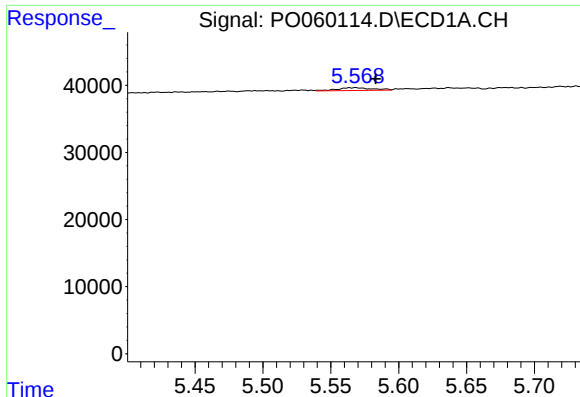
#14 AR-1232-4

R.T.: 5.529 min
Delta R.T.: -0.011 min
Response: 1471
Conc: 1.88 ng/ml



#14 AR-1232-4

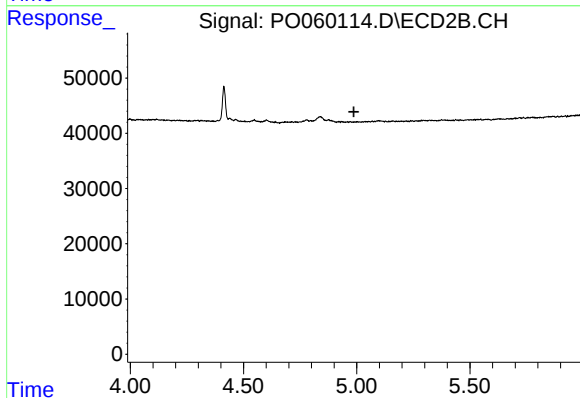
R.T.: 0.000 min
Exp R.T. : 4.848 min
Response: 0
Conc: N.D.



#15 AR-1232-5

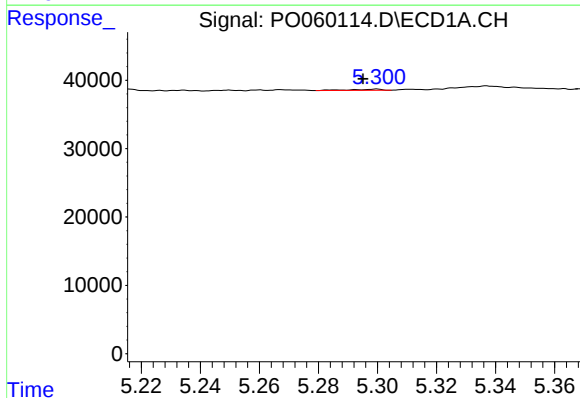
R.T.: 5.568 min
Delta R.T.: -0.015 min
Response: 7326
Conc: 12.19 ng/ml

Instrument :
ECD_O
ClientSampleId :
TW-4



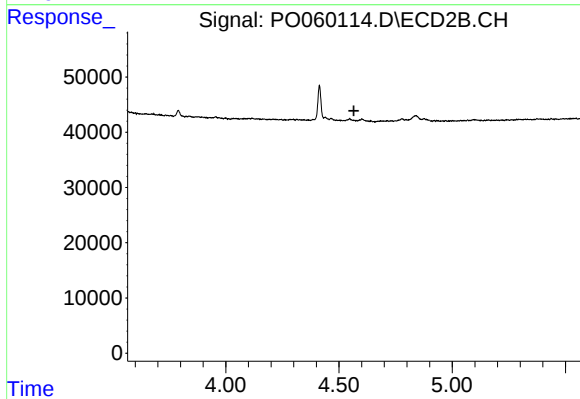
#15 AR-1232-5

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



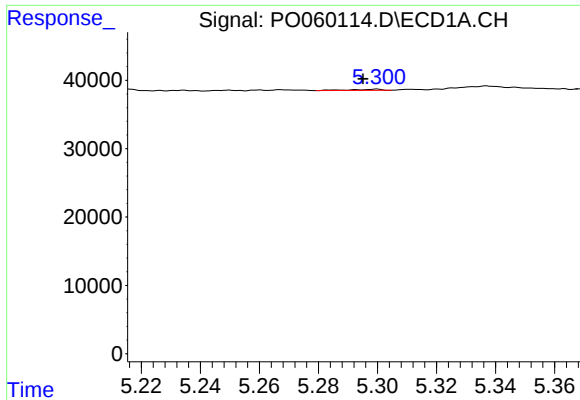
#16 AR-1242-1

R.T.: 5.299 min
Delta R.T.: 0.004 min
Response: 1346
Conc: 1.06 ng/ml



#16 AR-1242-1

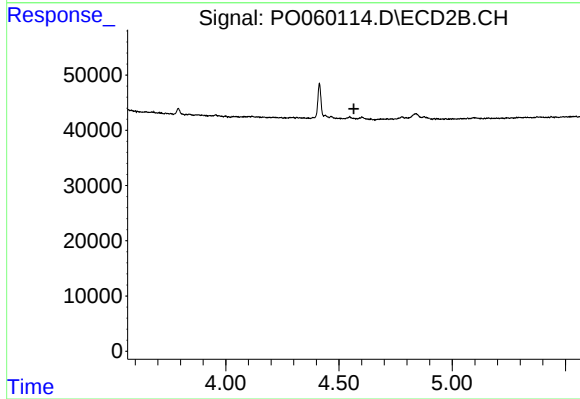
R.T.: 0.000 min
Exp R.T. : 4.566 min
Response: 0
Conc: N.D.



#17 AR-1242-2

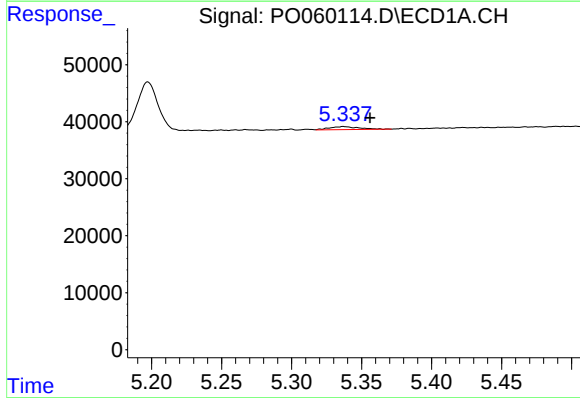
R.T.: 5.299 min
Delta R.T.: 0.004 min
Response: 1346
Conc: 0.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
TW-4



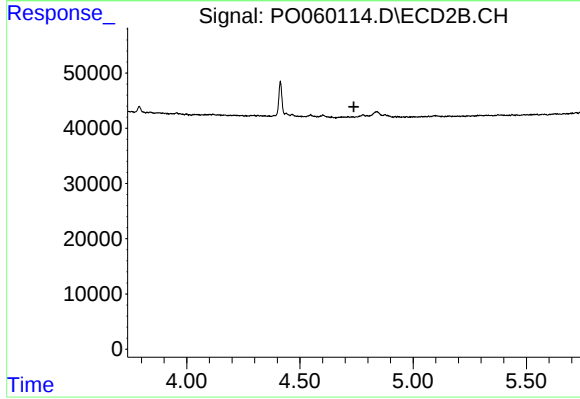
#17 AR-1242-2

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



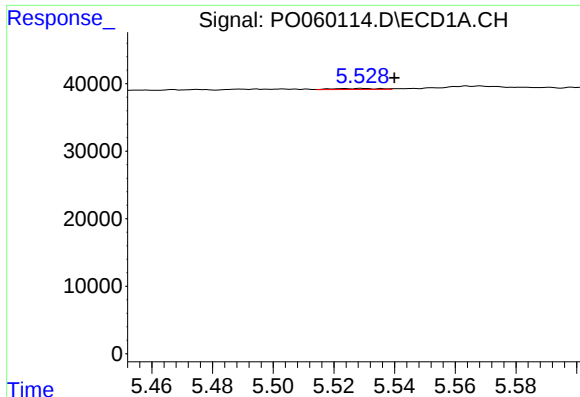
#18 AR-1242-3

R.T.: 5.337 min
Delta R.T.: -0.019 min
Response: 7859
Conc: 6.72 ng/ml



#18 AR-1242-3

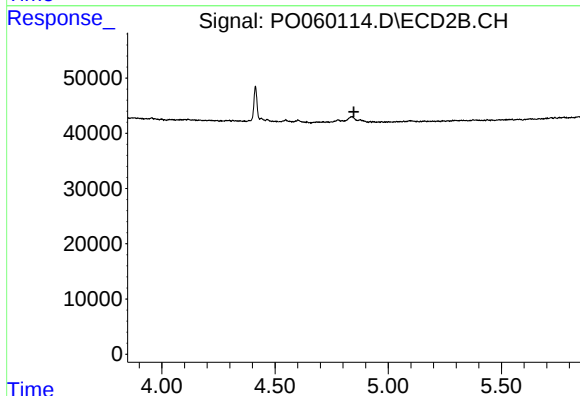
R.T.: 0.000 min
Exp R.T. : 4.738 min
Response: 0
Conc: N.D.



#19 AR-1242-4

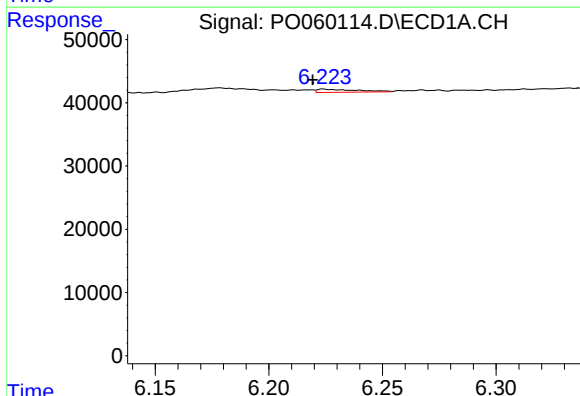
R.T.: 5.529 min
Delta R.T.: -0.011 min
Response: 1471
Conc: 1.52 ng/ml

Instrument :
ECD_O
ClientSampleId :
TW-4



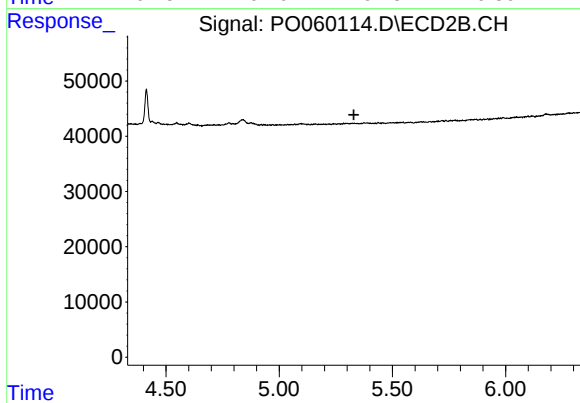
#19 AR-1242-4

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



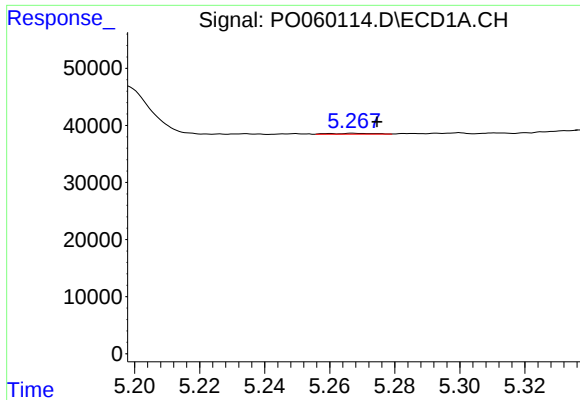
#20 AR-1242-5

R.T.: 6.224 min
Delta R.T.: 0.005 min
Response: 6060
Conc: 4.82 ng/ml



#20 AR-1242-5

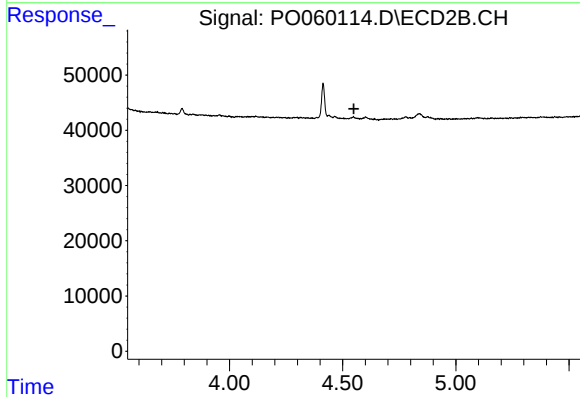
R.T.: 0.000 min
Exp R.T. : 5.330 min
Response: 0
Conc: N.D.



#21 AR-1248-1

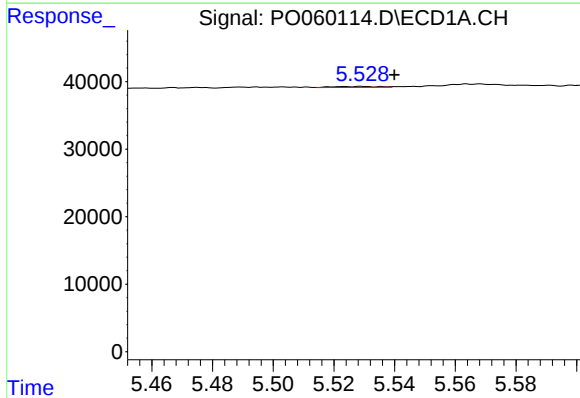
R.T.: 5.267 min
Delta R.T.: -0.007 min
Response: 1384
Conc: 1.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
TW-4



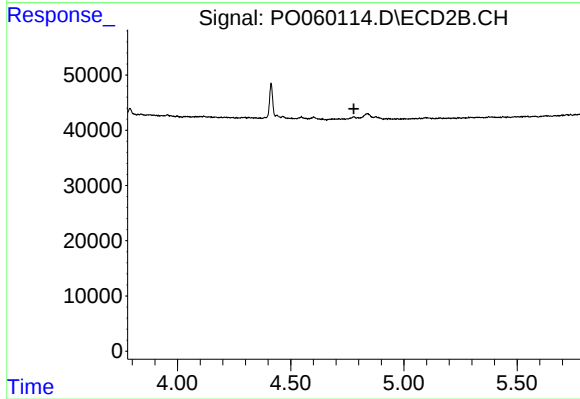
#21 AR-1248-1

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



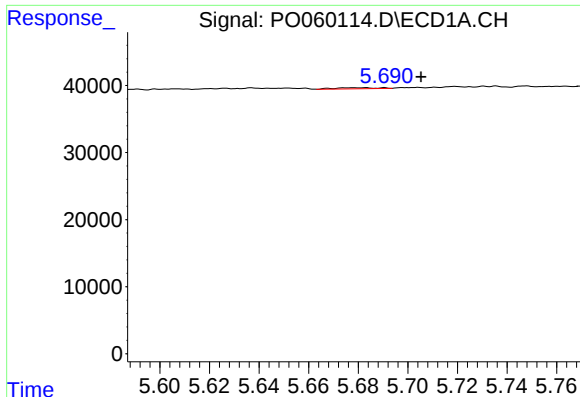
#22 AR-1248-2

R.T.: 5.529 min
Delta R.T.: -0.011 min
Response: 1471
Conc: 1.01 ng/ml



#22 AR-1248-2

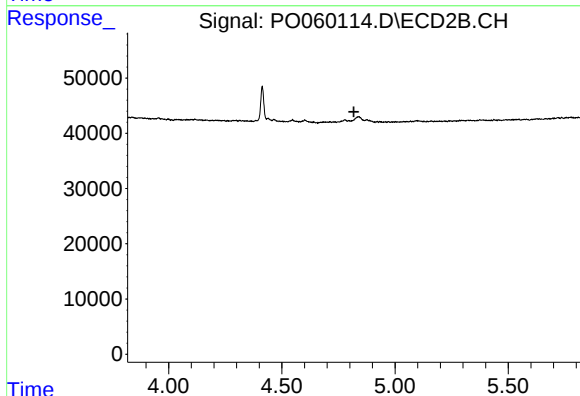
R.T.: 0.000 min
Exp R.T. : 4.779 min
Response: 0
Conc: N.D.



#23 AR-1248-3

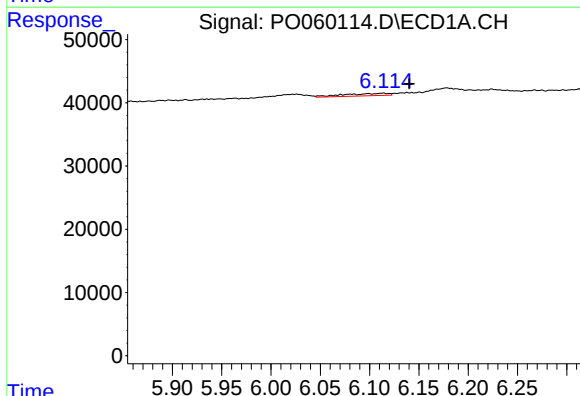
R.T.: 5.682 min
Delta R.T.: -0.023 min
Response: 1905
Conc: 1.15 ng/ml

Instrument :
ECD_O
ClientSampleId :
TW-4



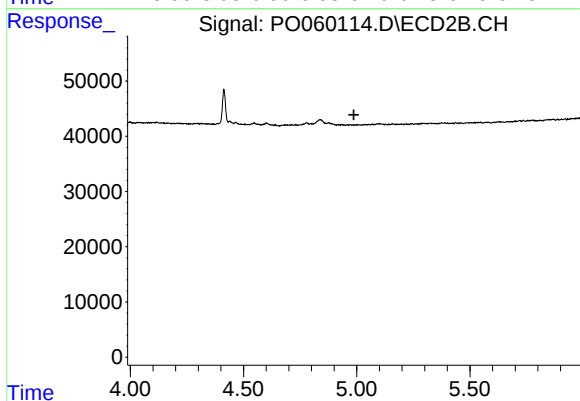
#23 AR-1248-3

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



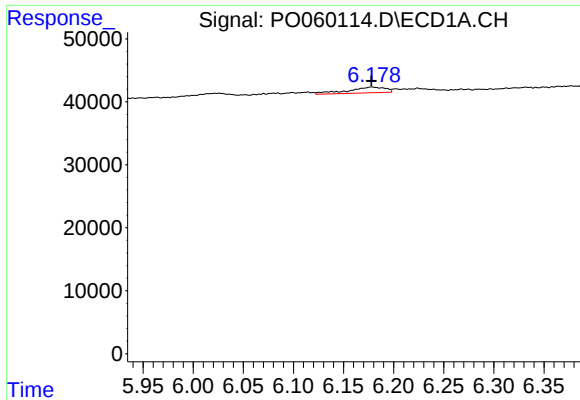
#24 AR-1248-4

R.T.: 6.114 min
Delta R.T.: -0.027 min
Response: 12175
Conc: 5.96 ng/ml



#24 AR-1248-4

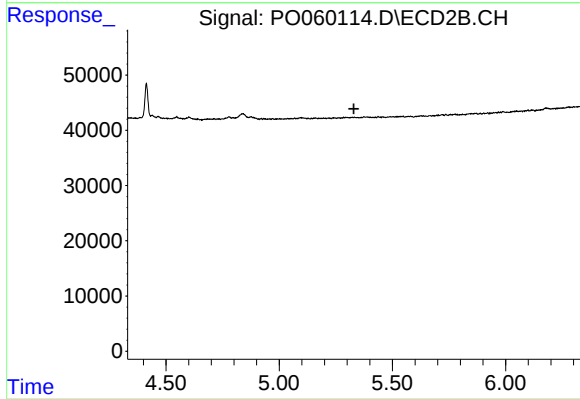
R.T.: 0.000 min
Exp R.T. : 4.987 min
Response: 0
Conc: N.D.



#25 AR-1248-5

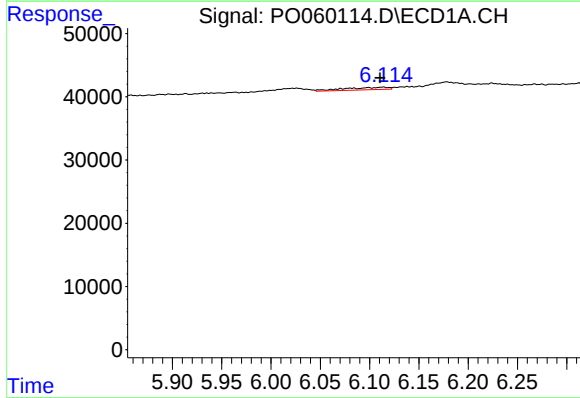
R.T.: 6.178 min
Delta R.T.: 0.000 min
Response: 23555
Conc: 11.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
TW-4



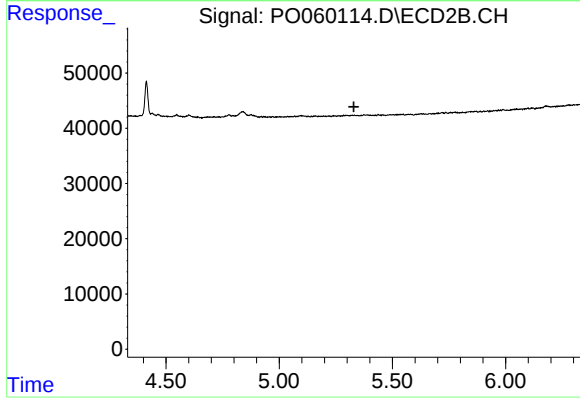
#25 AR-1248-5

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



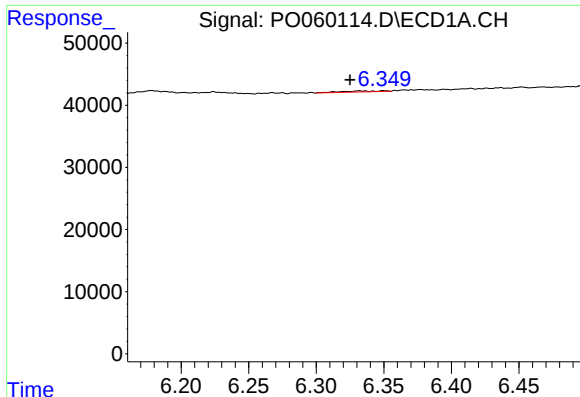
#26 AR-1254-1

R.T.: 6.114 min
Delta R.T.: 0.003 min
Response: 12175
Conc: 5.84 ng/ml



#26 AR-1254-1

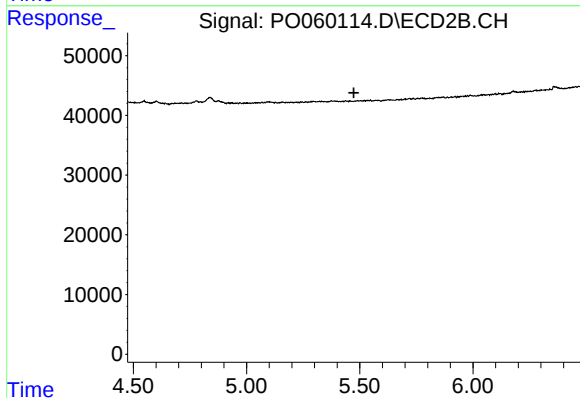
R.T.: 0.000 min
Exp R.T. : 5.330 min
Response: 0
Conc: N.D.



#27 AR-1254-2

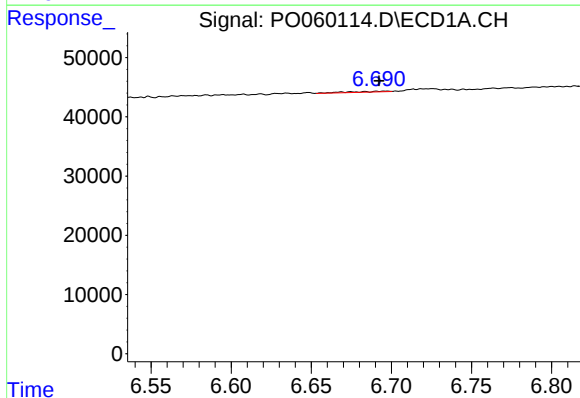
R.T.: 6.332 min
Delta R.T.: 0.007 min
Response: 3385
Conc: 1.01 ng/ml

Instrument :
ECD_O
ClientSampleId :
TW-4



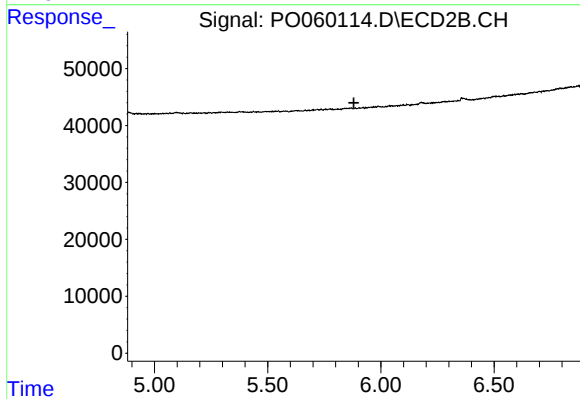
#27 AR-1254-2

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



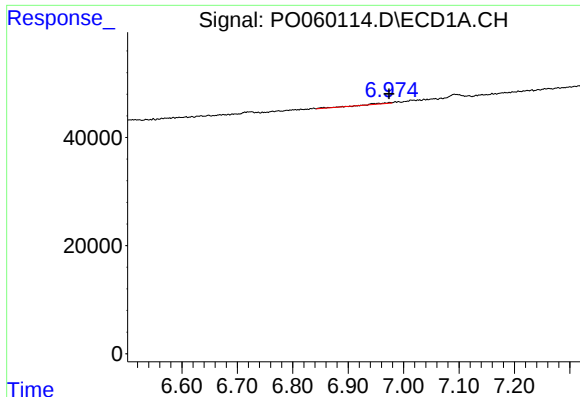
#28 AR-1254-3

R.T.: 6.697 min
Delta R.T.: 0.004 min
Response: 2120
Conc: 0.60 ng/ml



#28 AR-1254-3

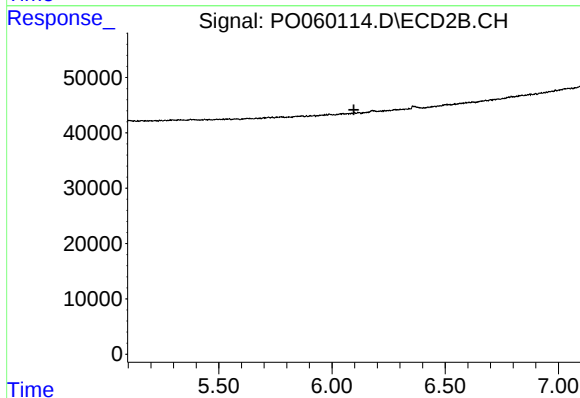
R.T.: 0.000 min
Exp R.T. : 5.881 min
Response: 0
Conc: N.D.



#29 AR-1254-4

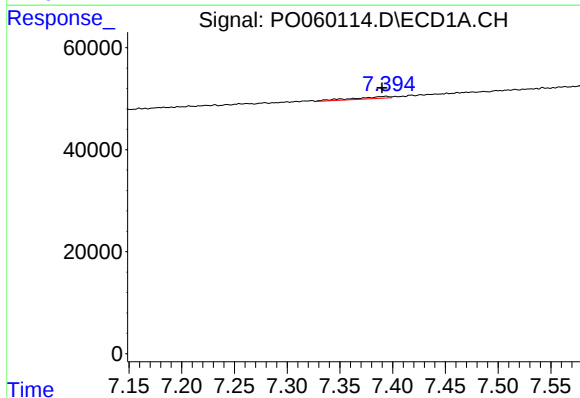
R.T.: 6.975 min
Delta R.T.: 0.000 min
Response: 3986
Conc: 1.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
TW-4



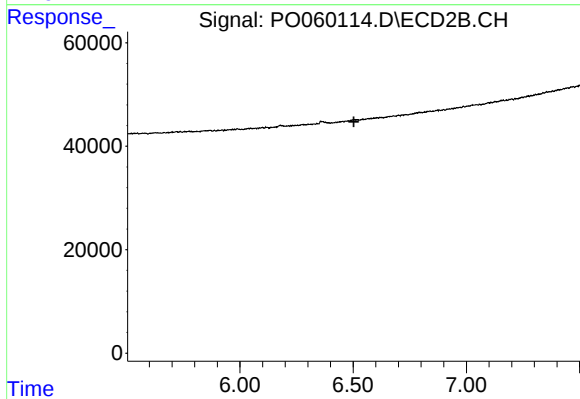
#29 AR-1254-4

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



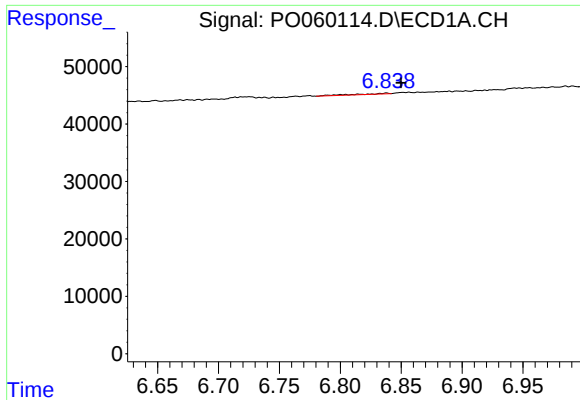
#30 AR-1254-5

R.T.: 7.394 min
Delta R.T.: 0.004 min
Response: 9617
Conc: 3.11 ng/ml



#30 AR-1254-5

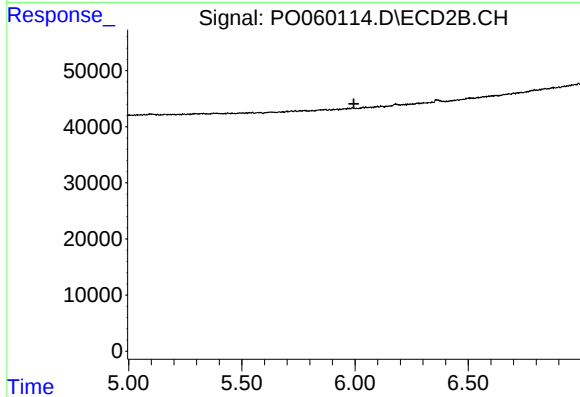
R.T.: 0.000 min
Exp R.T. : 6.503 min
Response: 0
Conc: N.D.



#31 AR-1260-1

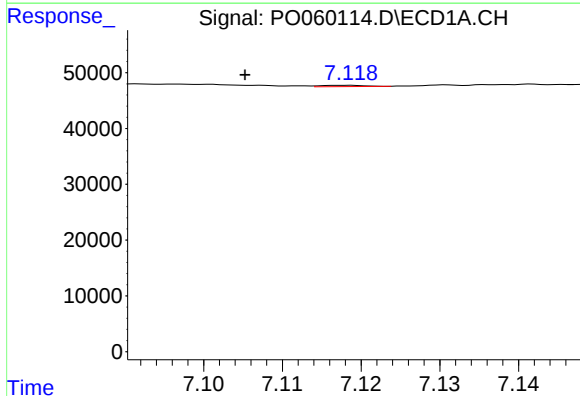
R.T.: 6.838 min
Delta R.T.: -0.012 min
Response: 2663
Conc: 0.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
TW-4



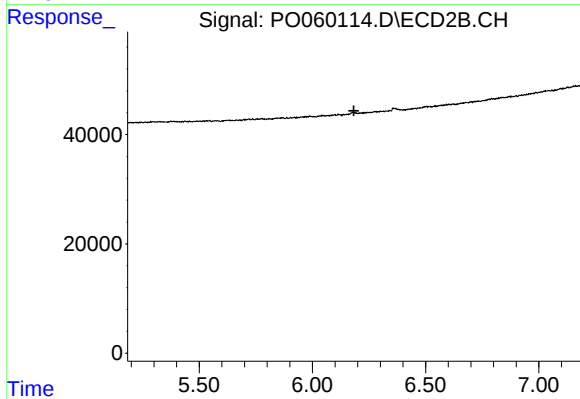
#31 AR-1260-1

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



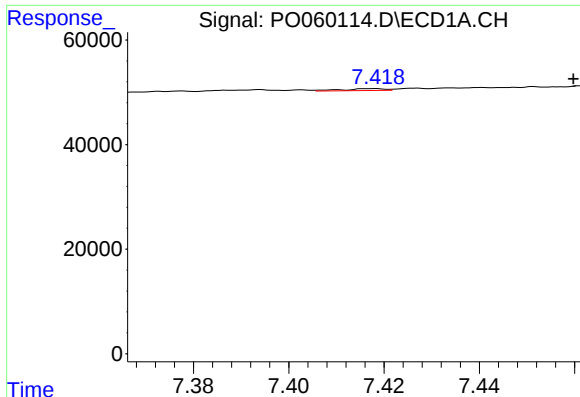
#32 AR-1260-2

R.T.: 7.118 min
Delta R.T.: 0.013 min
Response: 870
Conc: 0.23 ng/ml



#32 AR-1260-2

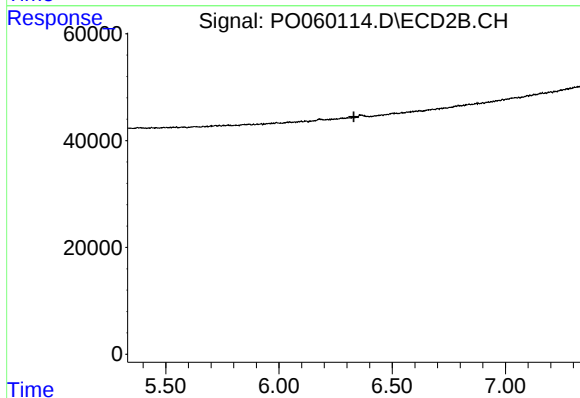
R.T.: 0.000 min
Exp R.T. : 6.183 min
Response: 0
Conc: N.D.



#33 AR-1260-3

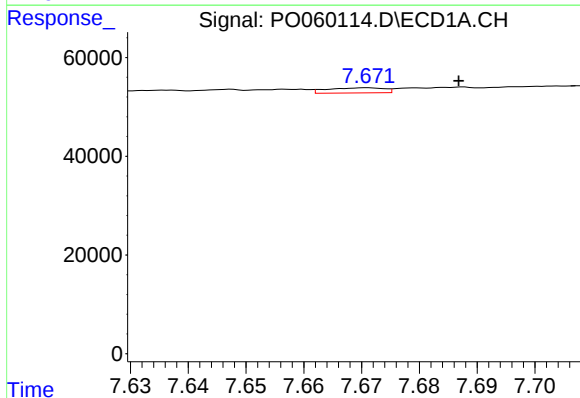
R.T.: 7.418 min
Delta R.T.: -0.042 min
Response: 2210
Conc: 0.67 ng/ml

Instrument :
ECD_O
ClientSampleId :
TW-4



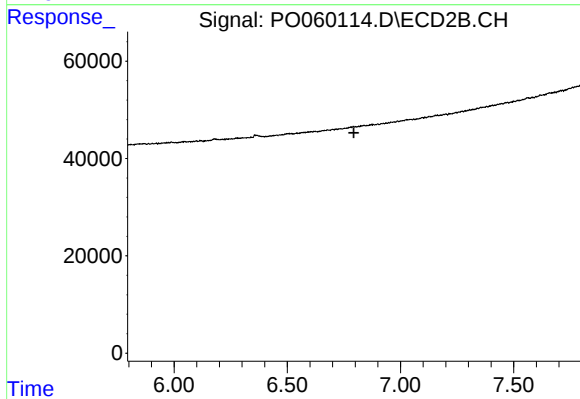
#33 AR-1260-3

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



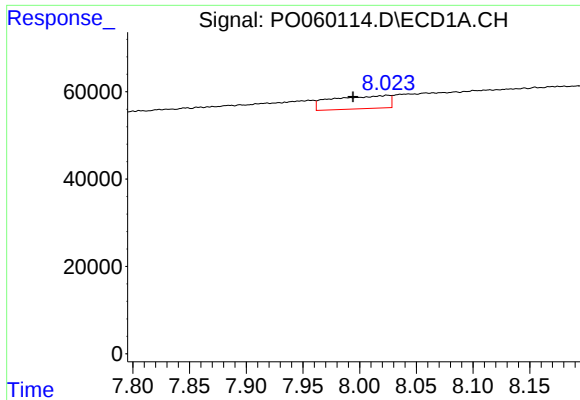
#34 AR-1260-4

R.T.: 7.671 min
Delta R.T.: -0.016 min
Response: 7024
Conc: 2.29 ng/ml



#34 AR-1260-4

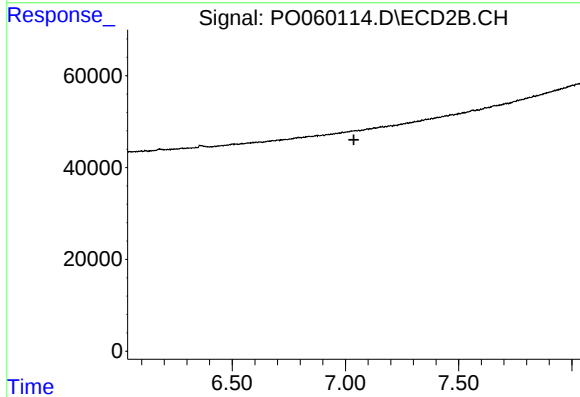
R.T.: 0.000 min
Exp R.T. : 6.794 min
Response: 0
Conc: N.D.



#35 AR-1260-5

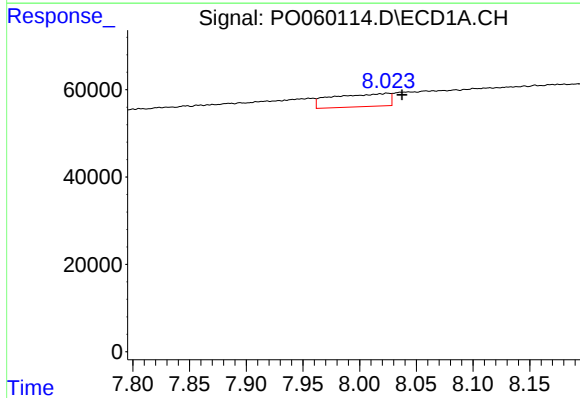
R.T.: 8.025 min
Delta R.T.: 0.031 min
Response: 104643
Conc: 14.78 ng/ml

Instrument :
ECD_O
ClientSampleId :
TW-4



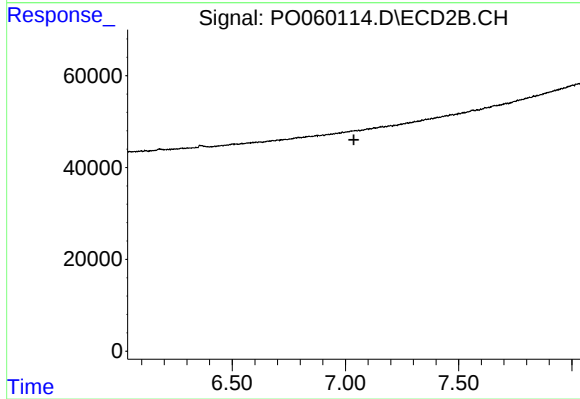
#35 AR-1260-5

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



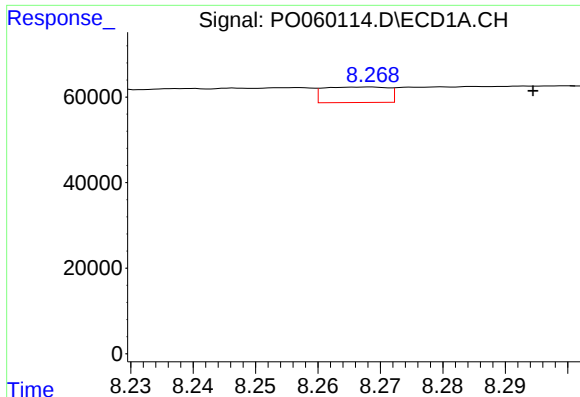
#37 AR-1262-2

R.T.: 8.025 min
Delta R.T.: -0.013 min
Response: 104643
Conc: 13.56 ng/ml



#37 AR-1262-2

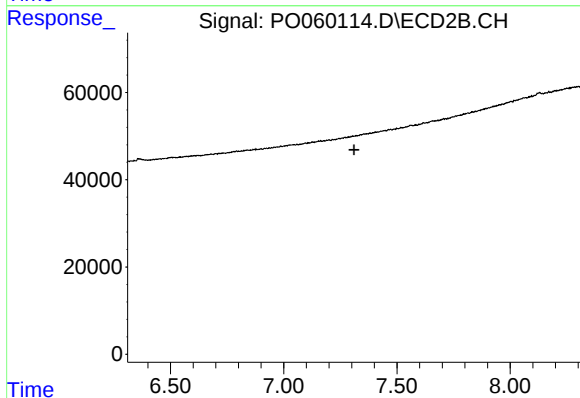
R.T.: 0.000 min
Exp R.T. : 7.037 min
Response: 0
Conc: N.D.



#38 AR-1262-3

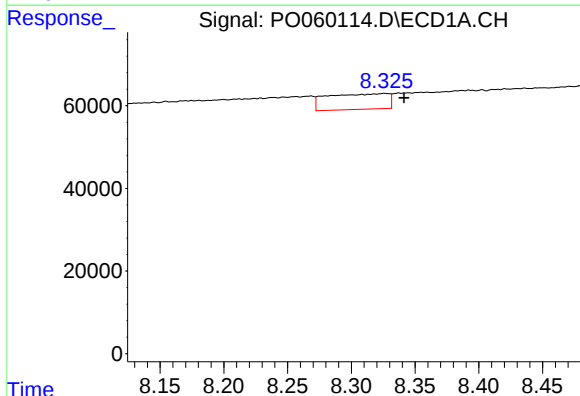
R.T.: 8.268 min
Delta R.T.: -0.027 min
Response: 25893
Conc: 5.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
TW-4



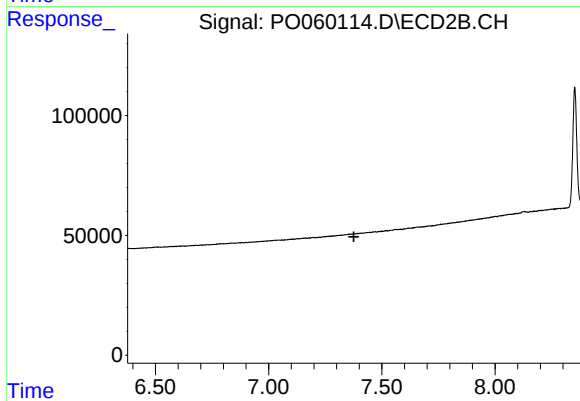
#38 AR-1262-3

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



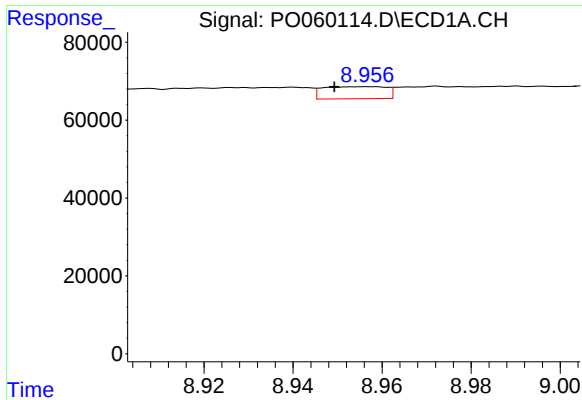
#39 AR-1262-4

R.T.: 8.326 min
Delta R.T.: -0.015 min
Response: 126439
Conc: 32.80 ng/ml



#39 AR-1262-4

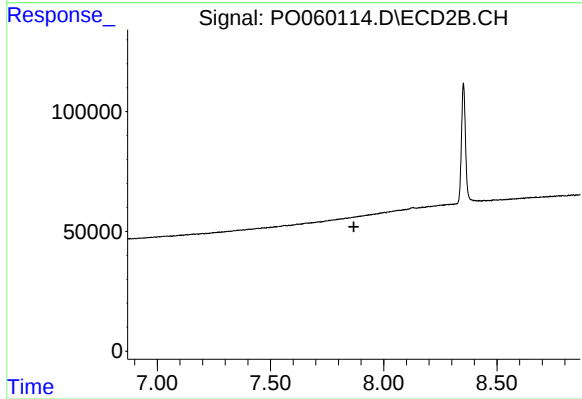
R.T.: 0.000 min
Exp R.T. : 7.376 min
Response: 0
Conc: N.D.



#40 AR-1262-5

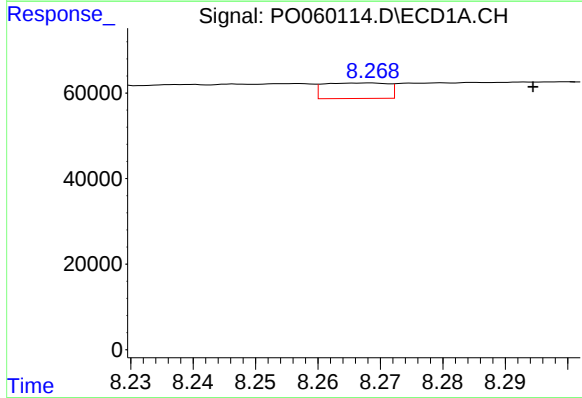
R.T.: 8.957 min
Delta R.T.: 0.008 min
Response: 30796
Conc: 12.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
TW-4



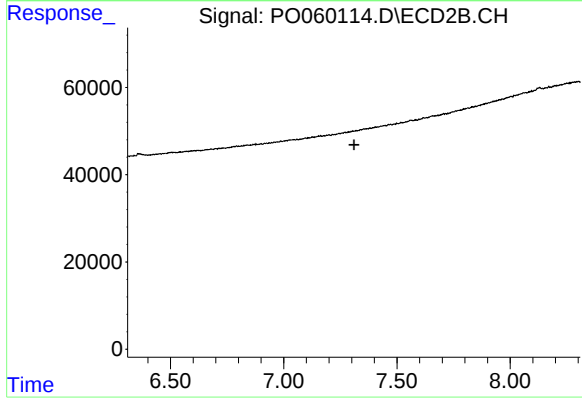
#40 AR-1262-5

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



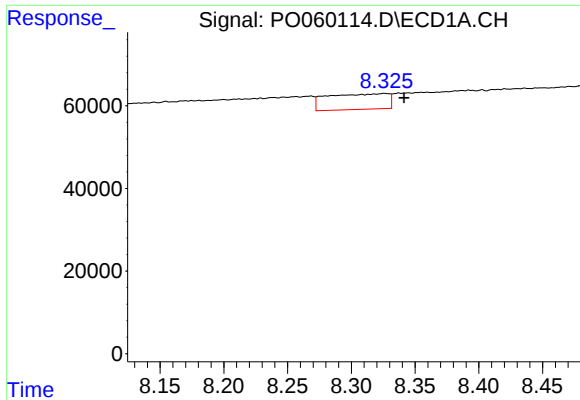
#41 AR-1268-1

R.T.: 8.268 min
Delta R.T.: -0.027 min
Response: 25893
Conc: 2.75 ng/ml



#41 AR-1268-1

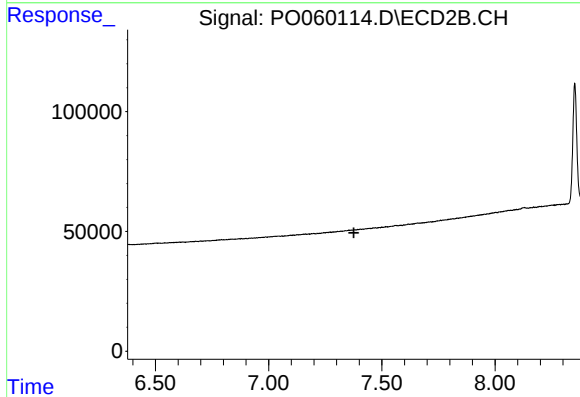
R.T.: 0.000 min
Exp R.T. : 7.310 min
Response: 0
Conc: N.D.



#42 AR-1268-2

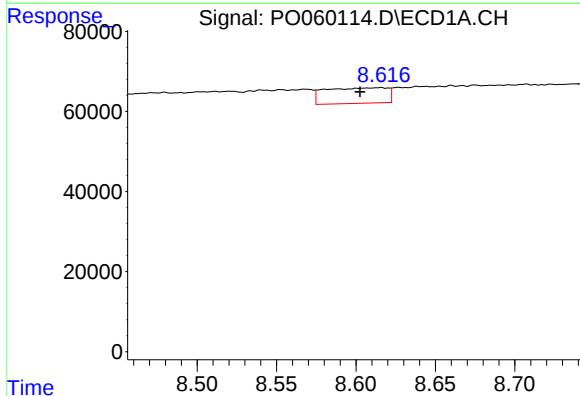
R.T.: 8.326 min
Delta R.T.: -0.015 min
Response: 126439
Conc: 16.04 ng/ml

Instrument :
ECD_O
ClientSampleId :
TW-4



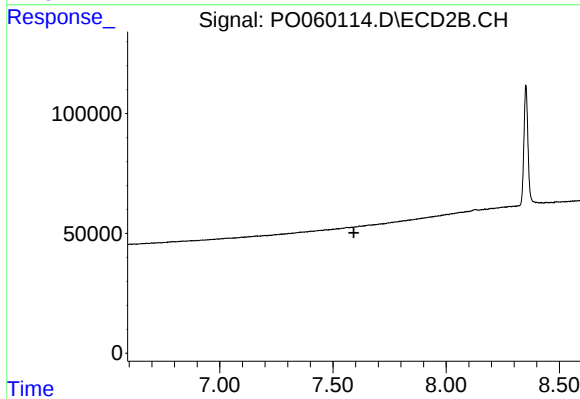
#42 AR-1268-2

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



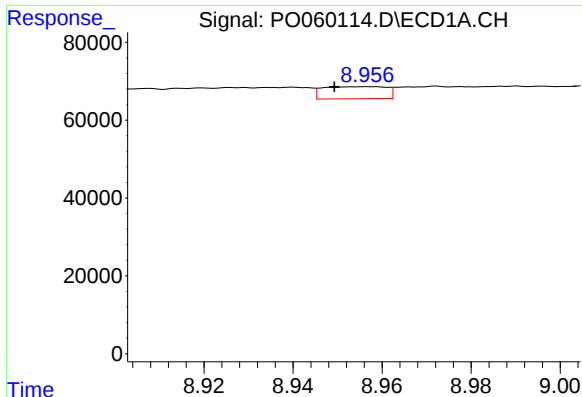
#43 AR-1268-3

R.T.: 8.616 min
Delta R.T.: 0.013 min
Response: 106111
Conc: 15.05 ng/ml



#43 AR-1268-3

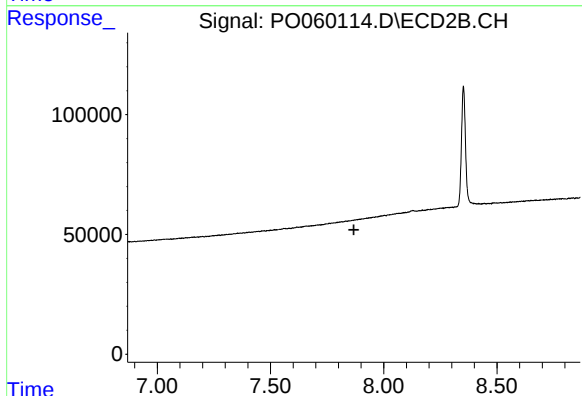
R.T.: 0.000 min
Exp R.T. : 7.592 min
Response: 0
Conc: N.D.



#44 AR-1268-4

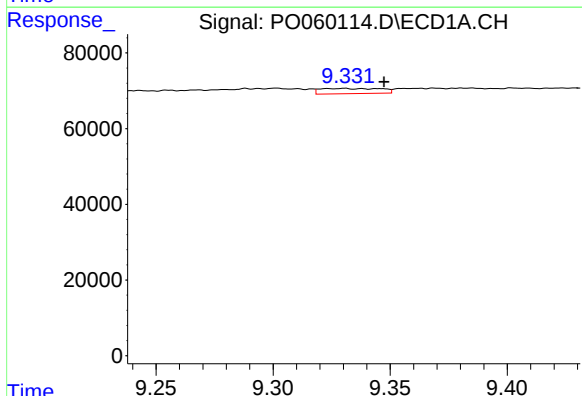
R.T.: 8.957 min
Delta R.T.: 0.008 min
Response: 30796
Conc: 11.08 ng/ml

Instrument :
ECD_O
ClientSampleId :
TW-4



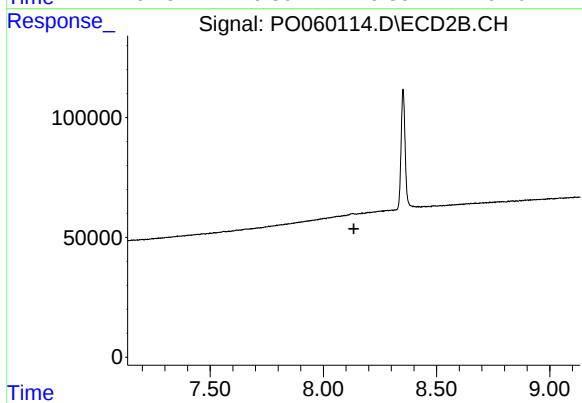
#44 AR-1268-4

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



#45 AR-1268-5

R.T.: 9.331 min
Delta R.T.: -0.017 min
Response: 24950
Conc: 1.35 ng/ml



#45 AR-1268-5

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