

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0082919\
 Data File : P0060027.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 29 Aug 2019 18:12
 Operator : SM/AJ
 Sample : K4596-13
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 EB-5-082819

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 30 01:06:12 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...	4.127	3.501	758976	653414	21.677	18.153
2)	SA Decachlor...	9.590	8.356	461363	348074	8.672	8.633
Target Compounds							
3)	L1 AR-1016-1	5.277	0.000	2988	0	1.863	N.D. #
4)	L1 AR-1016-2	5.300	0.000	1780	0	0.744	N.D. #
5)	L1 AR-1016-3	5.350	0.000	3560	0	2.390	N.D. #
6)	L1 AR-1016-4	5.467	0.000	693	0	0.572	N.D. #
7)	L1 AR-1016-5	5.691	0.000	2444	0	1.903	N.D. #
8)	L2 AR-1221-1	4.380	0.000	1059	0	2.500	N.D. #
9)	L2 AR-1221-2	4.426	0.000	12124	0	37.327	N.D. #
10)	L2 AR-1221-3	4.505	0.000	3445	0	3.275	N.D. #
11)	L3 AR-1232-1	4.505	0.000	3445	0	2.764	N.D. #
12)	L3 AR-1232-2	5.014	0.000	4046	0	5.728	N.D. #
13)	L3 AR-1232-3	5.300	0.000	1780	0	1.162	N.D. #
14)	L3 AR-1232-4	5.537	0.000	1304	0	1.668	N.D. #
15)	L3 AR-1232-5	5.590	0.000	947	0	1.575	N.D. #
16)	L4 AR-1242-1	5.300	0.000	1780	0	1.402	N.D. #
17)	L4 AR-1242-2	5.300	0.000	1780	0	0.959	N.D. #
18)	L4 AR-1242-3	5.350	0.000	3560	0	3.046	N.D. #
19)	L4 AR-1242-4	5.537	0.000	1304	0	1.347	N.D. #
20)	L4 AR-1242-5	6.235	0.000	3190	0	2.539	N.D. #
21)	L5 AR-1248-1	5.277	0.000	2988	0	2.981	N.D. #
22)	L5 AR-1248-2	5.537	0.000	1304	0	0.899	N.D. #
23)	L5 AR-1248-3	5.691	0.000	2444	0	1.471	N.D. #
24)	L5 AR-1248-4	6.141	0.000	960	0	0.470	N.D. #
25)	L5 AR-1248-5	6.192	0.000	26308	0	13.266	N.D. #
26)	L6 AR-1254-1	6.111	0.000	10378	0	4.974	N.D. #
27)	L6 AR-1254-2	6.325	0.000	2950	0	0.884	N.D. #
28)	L6 AR-1254-3	6.707	0.000	3511	0	0.989	N.D. #
29)	L6 AR-1254-4	6.945	0.000	5669	0	1.925	N.D. #
30)	L6 AR-1254-5	7.381	0.000	4056	0	1.311	N.D. #
31)	L7 AR-1260-1	6.850	0.000	6963	0	2.583	N.D. #
32)	L7 AR-1260-2	7.100	0.000	15661	0	4.221	N.D. #
33)	L7 AR-1260-3	7.458	0.000	15659	0	4.780	N.D. #
34)	L7 AR-1260-4	7.680	6.831	24722	9040	8.049	3.996 #
35)	L7 AR-1260-5	7.985	0.000	94595	0	13.359	N.D. #
36)	L8 AR-1262-1	7.513	0.000	10670	0	2.199	N.D. #
37)	L8 AR-1262-2	7.985	0.000	94595	0	12.260	N.D. #
38)	L8 AR-1262-3	8.283	0.000	19833	0	3.887	N.D. #
39)	L8 AR-1262-4	8.337	0.000	42217	0	10.952	N.D. #
40)	L8 AR-1262-5	8.959	0.000	46718	0	18.203	N.D. #
41)	L9 AR-1268-1	8.283	0.000	19833	0	2.107	N.D. #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0082919\
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 Acq On : 29 Aug 2019 18:12
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 Sample : K4596-13
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 EB-5-082819

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 30 01:06:12 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
42) L9	AR-1268-2	8.337	0.000	42217	0	5.356	N.D. #
44) L9	AR-1268-4	8.959	0.000	46718	0	16.805	N.D. #
45) L9	AR-1268-5	9.339	8.158	18689	19298	1.013	1.328 #

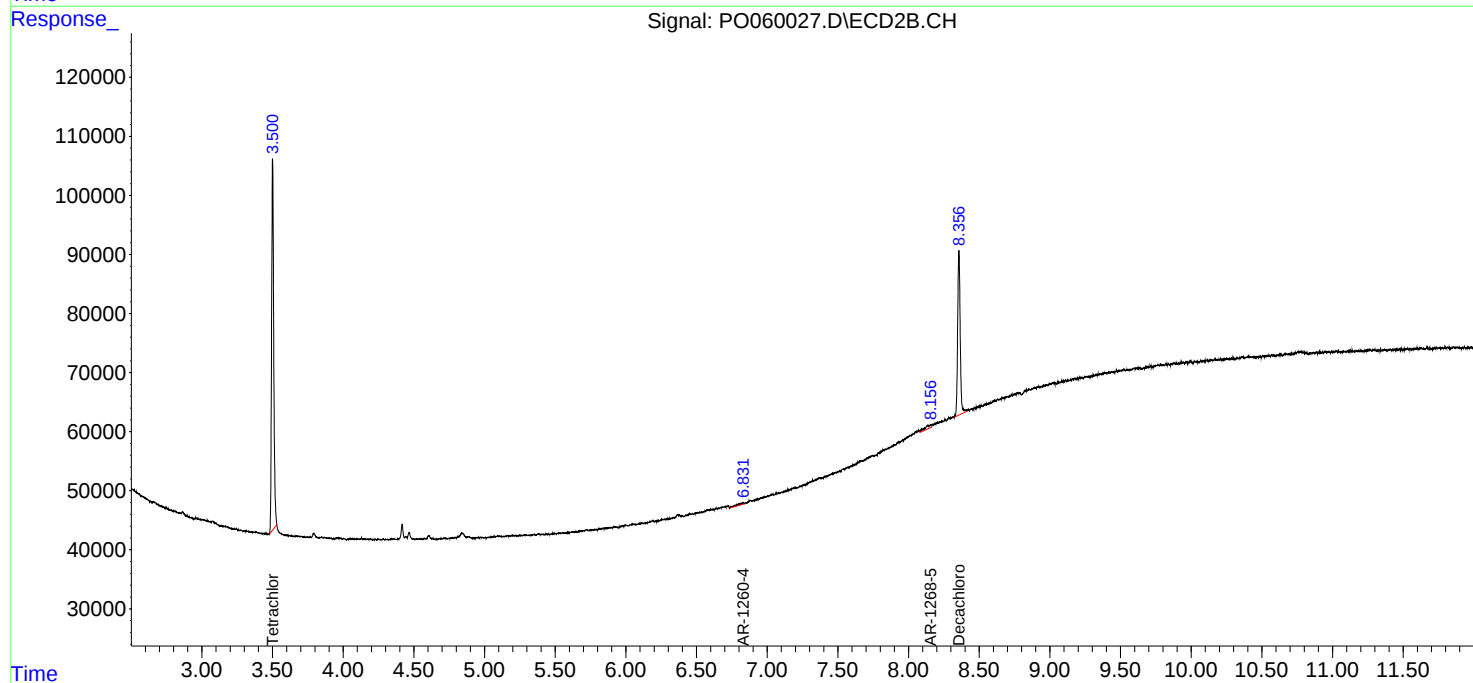
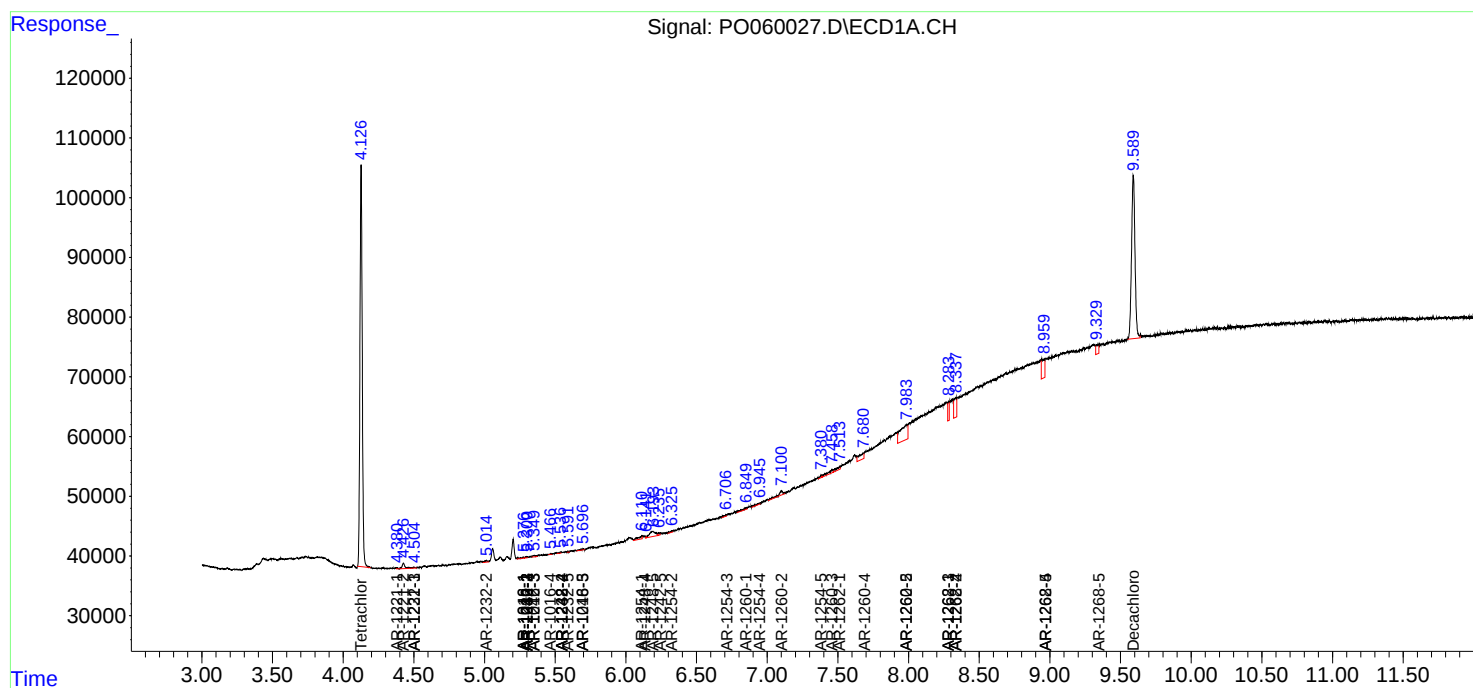
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

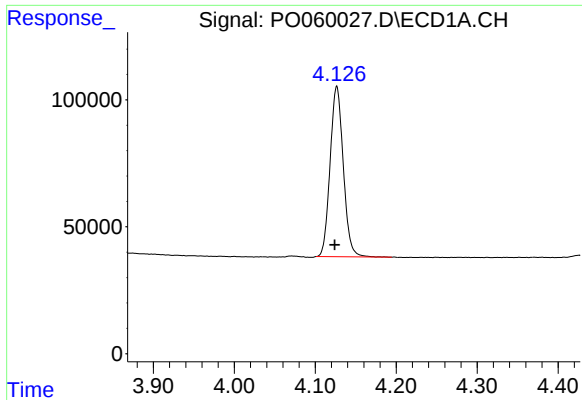
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0082919\
Data File : P0060027.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 29 Aug 2019 18:12
Operator : SM/AJ
Sample : K4596-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampled :
EB-5-082819

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 30 01:06:12 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

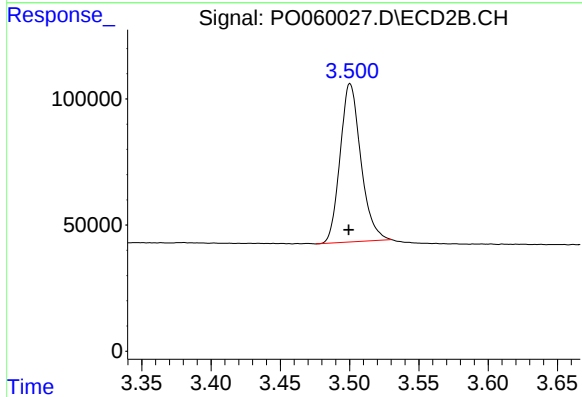




#1 Tetrachloro-m-xylene

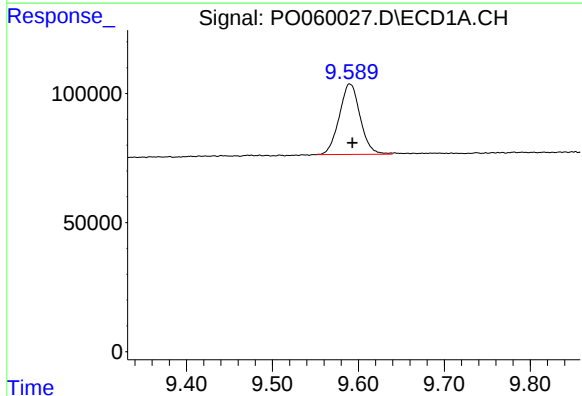
R.T.: 4.127 min
Delta R.T.: 0.003 min
Response: 758976
Conc: 21.68 ng/ml

Instrument :
ECD_O
ClientSampleId :
EB-5-082819



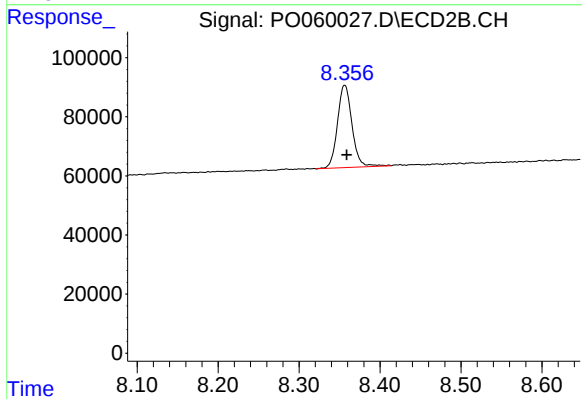
#1 Tetrachloro-m-xylene

R.T.: 3.501 min
Delta R.T.: 0.001 min
Response: 653414
Conc: 18.15 ng/ml



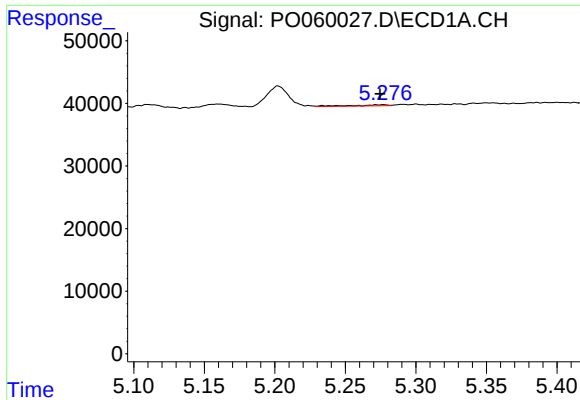
#2 Decachlorobiphenyl

R.T.: 9.590 min
Delta R.T.: -0.003 min
Response: 461363
Conc: 8.67 ng/ml



#2 Decachlorobiphenyl

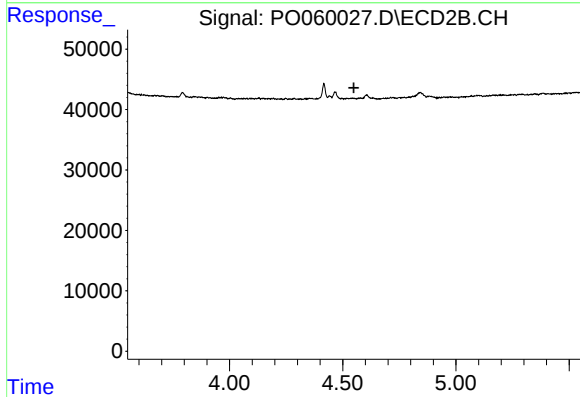
R.T.: 8.356 min
Delta R.T.: -0.003 min
Response: 348074
Conc: 8.63 ng/ml



#3 AR-1016-1

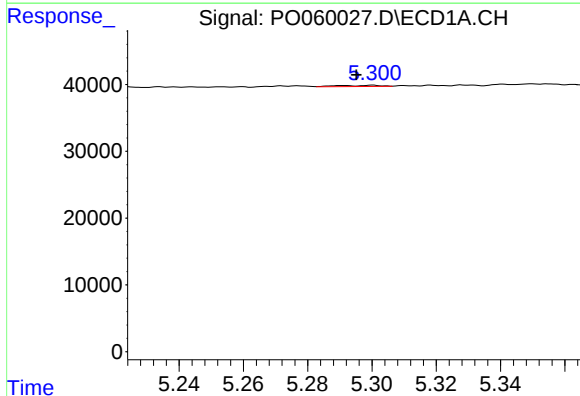
R.T.: 5.277 min
Delta R.T.: 0.003 min
Response: 2988
Conc: 1.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
EB-5-082819



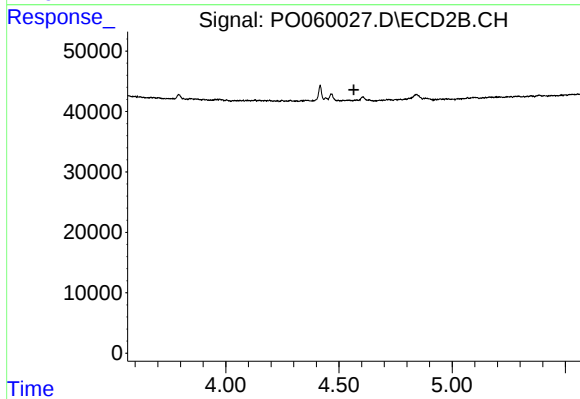
#3 AR-1016-1

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



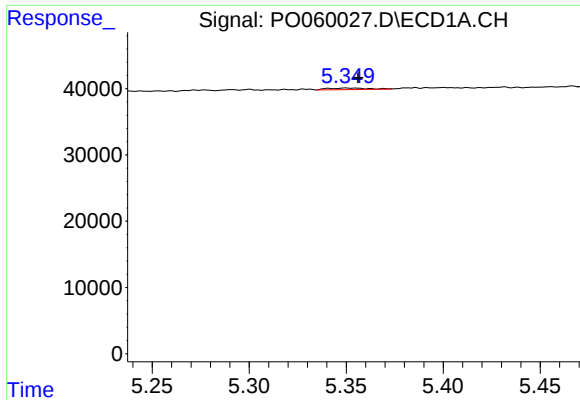
#4 AR-1016-2

R.T.: 5.300 min
Delta R.T.: 0.005 min
Response: 1780
Conc: 0.74 ng/ml



#4 AR-1016-2

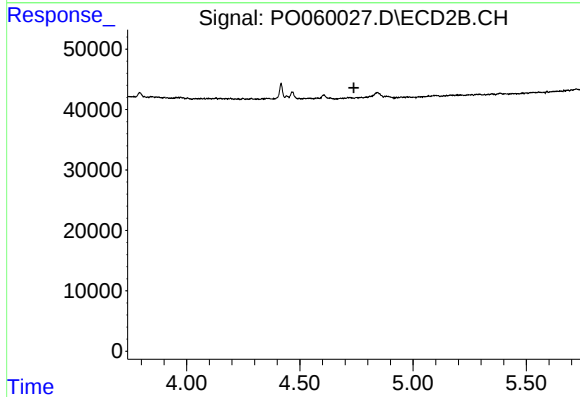
R.T.: 0.000 min
Exp R.T. : 4.566 min
Response: 0
Conc: N.D.



#5 AR-1016-3

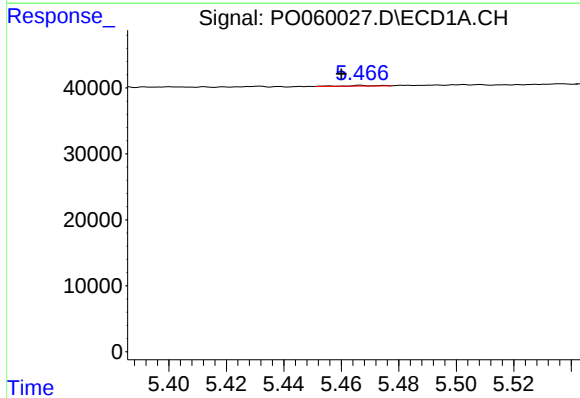
R.T.: 5.350 min
Delta R.T.: -0.006 min
Response: 3560
Conc: 2.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
EB-5-082819



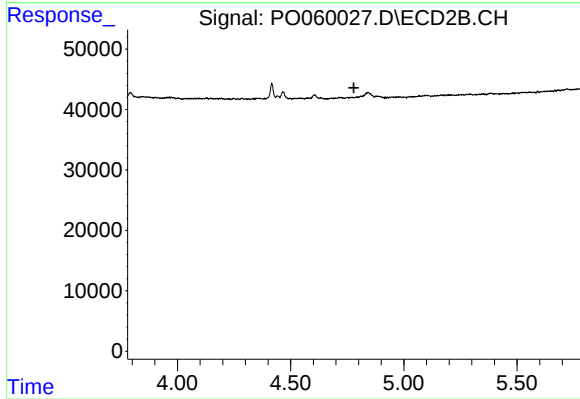
#5 AR-1016-3

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



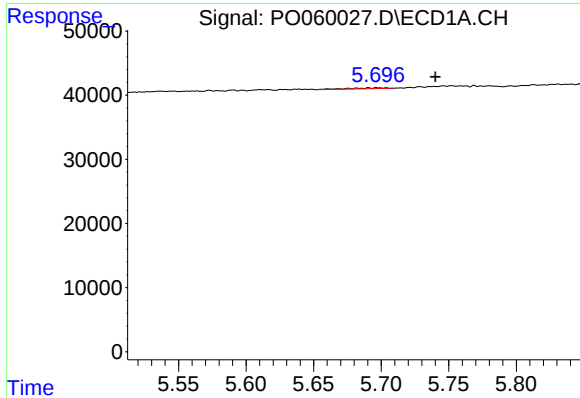
#6 AR-1016-4

R.T.: 5.467 min
Delta R.T.: 0.007 min
Response: 693
Conc: 0.57 ng/ml



#6 AR-1016-4

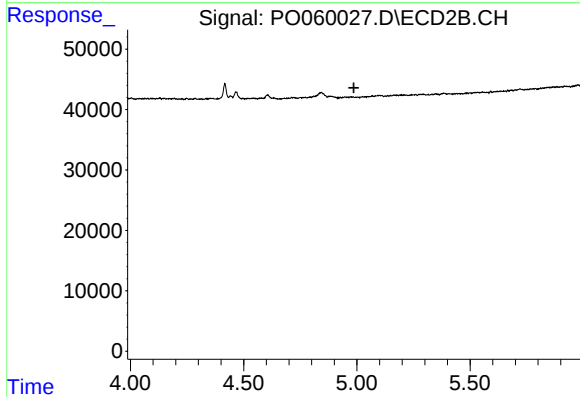
R.T.: 0.000 min
Exp R.T. : 4.779 min
Response: 0
Conc: N.D.



#7 AR-1016-5

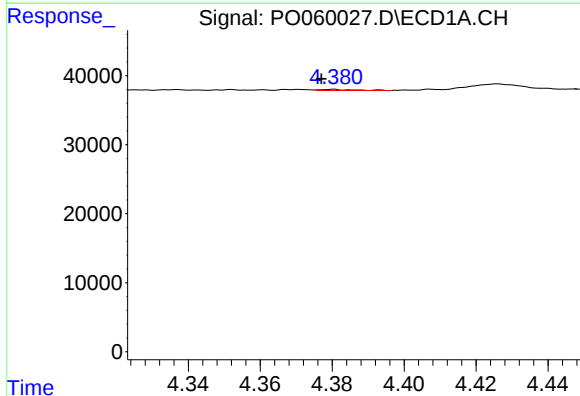
R.T.: 5.691 min
Delta R.T.: -0.049 min
Response: 2444
Conc: 1.90 ng/ml

Instrument :
ECD_O
ClientSampleId :
EB-5-082819



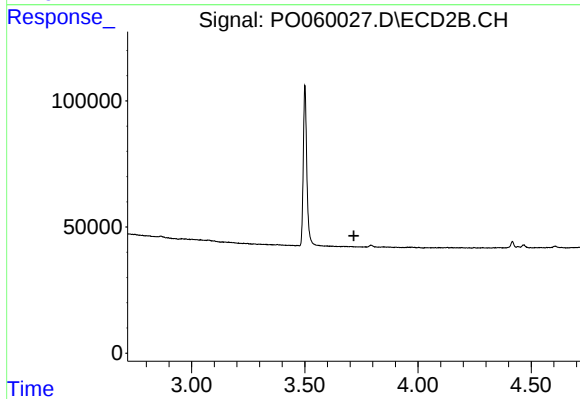
#7 AR-1016-5

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



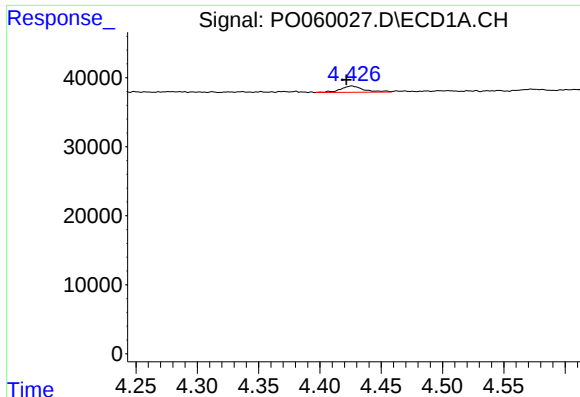
#8 AR-1221-1

R.T.: 4.380 min
Delta R.T.: 0.003 min
Response: 1059
Conc: 2.50 ng/ml



#8 AR-1221-1

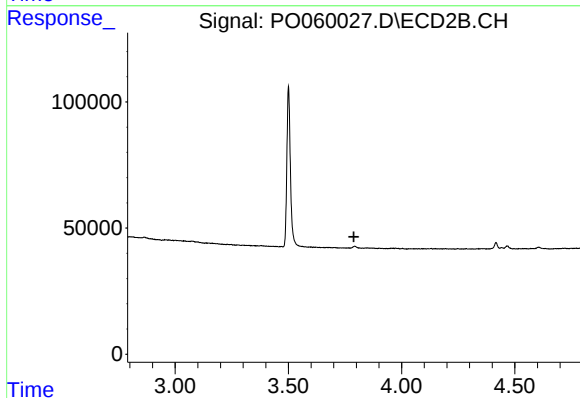
R.T.: 0.000 min
Exp R.T. : 3.717 min
Response: 0
Conc: N.D.



#9 AR-1221-2

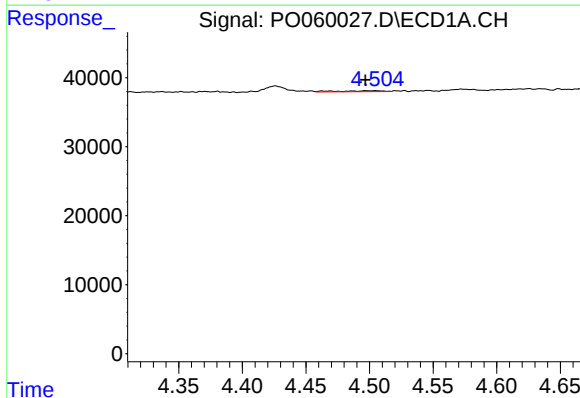
R.T.: 4.426 min
Delta R.T.: 0.004 min
Response: 12124
Conc: 37.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
EB-5-082819



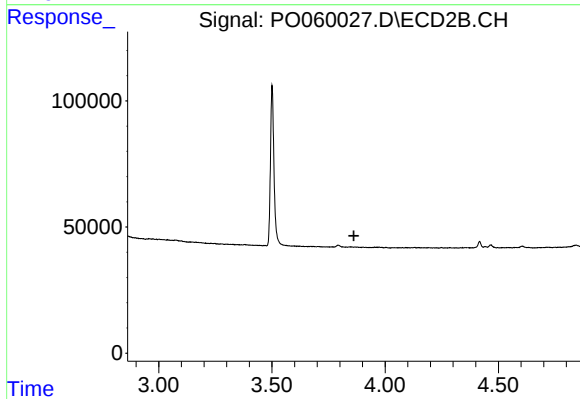
#9 AR-1221-2

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



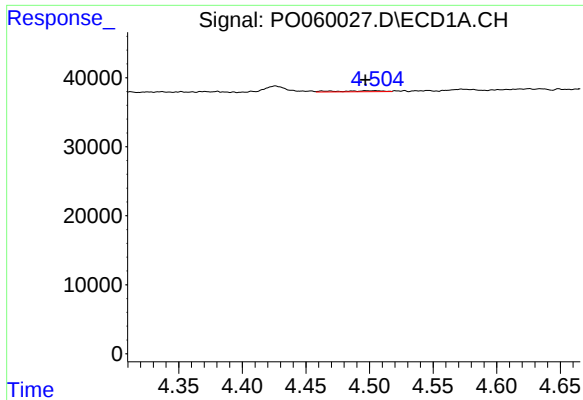
#10 AR-1221-3

R.T.: 4.505 min
Delta R.T.: 0.008 min
Response: 3445
Conc: 3.27 ng/ml



#10 AR-1221-3

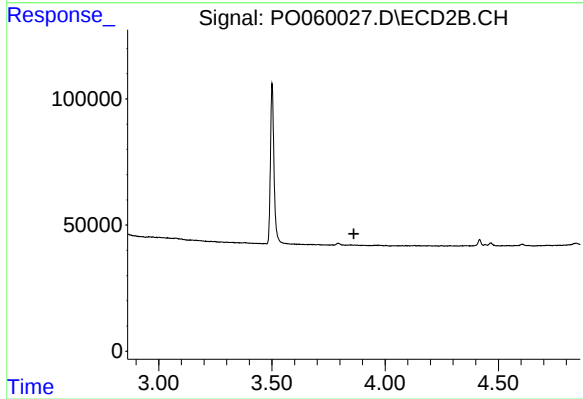
R.T.: 0.000 min
Exp R.T. : 3.862 min
Response: 0
Conc: N.D.



#11 AR-1232-1

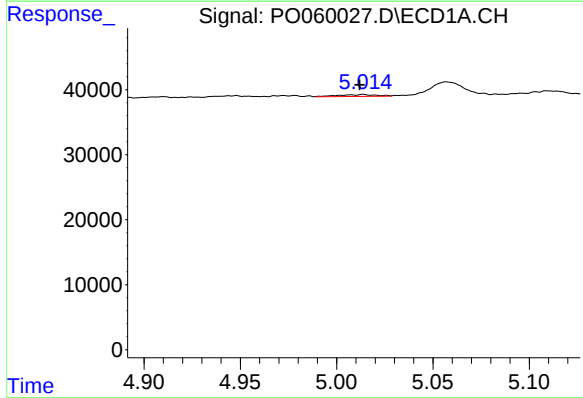
R.T.: 4.505 min
Delta R.T.: 0.008 min
Response: 3445
Conc: 2.76 ng/ml

Instrument :
ECD_O
ClientSampleId :
EB-5-082819



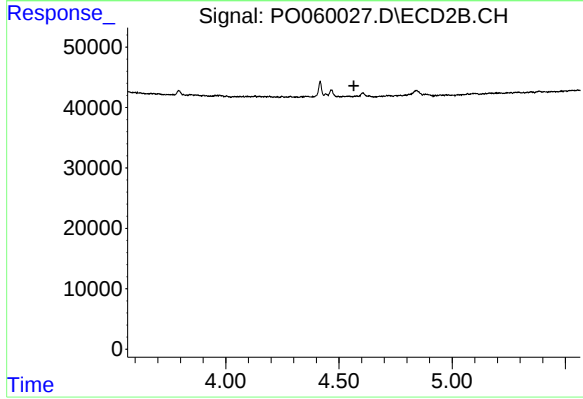
#11 AR-1232-1

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



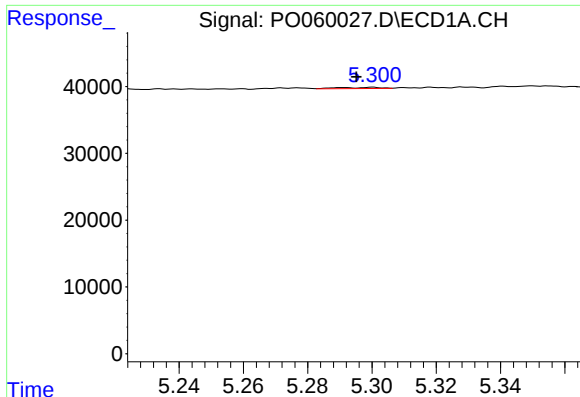
#12 AR-1232-2

R.T.: 5.014 min
Delta R.T.: 0.002 min
Response: 4046
Conc: 5.73 ng/ml



#12 AR-1232-2

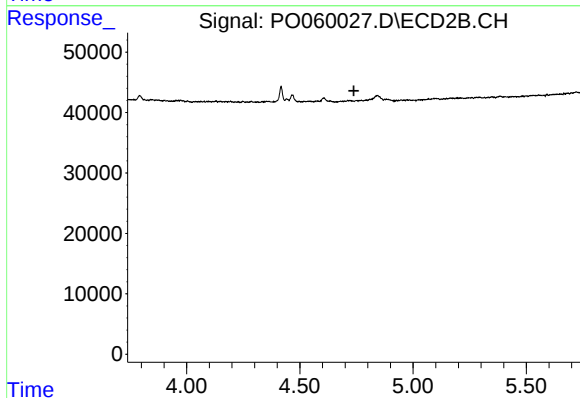
R.T.: 0.000 min
Exp R.T. : 4.566 min
Response: 0
Conc: N.D.



#13 AR-1232-3

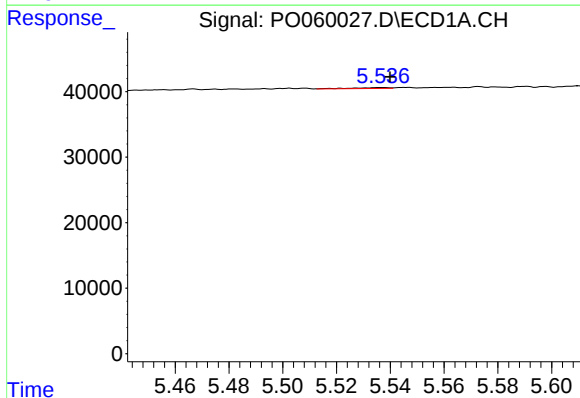
R.T.: 5.300 min
Delta R.T.: 0.005 min
Response: 1780
Conc: 1.16 ng/ml

Instrument :
ECD_O
ClientSampleId :
EB-5-082819



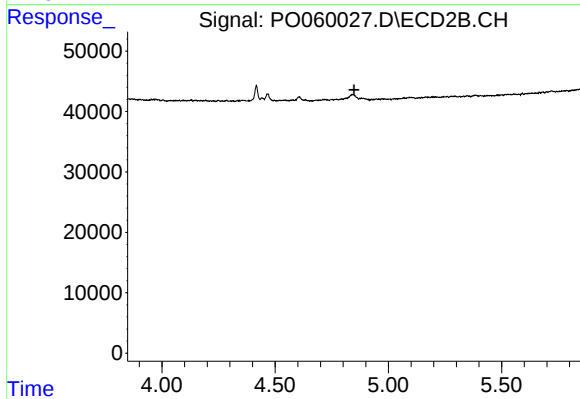
#13 AR-1232-3

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



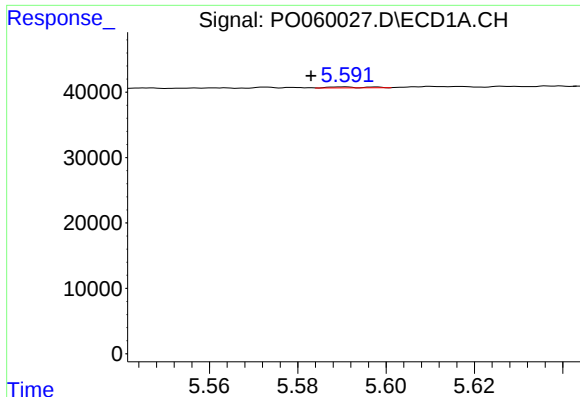
#14 AR-1232-4

R.T.: 5.537 min
Delta R.T.: -0.003 min
Response: 1304
Conc: 1.67 ng/ml



#14 AR-1232-4

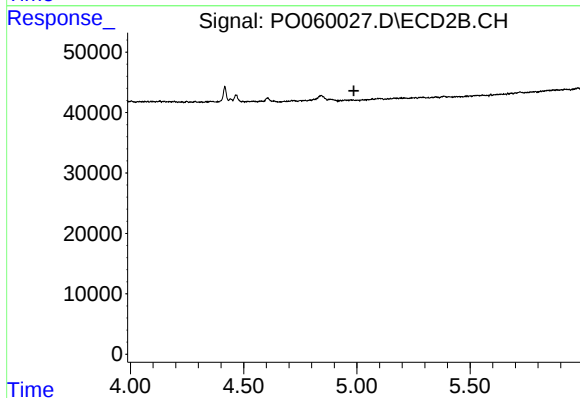
R.T.: 0.000 min
Exp R.T. : 4.848 min
Response: 0
Conc: N.D.



#15 AR-1232-5

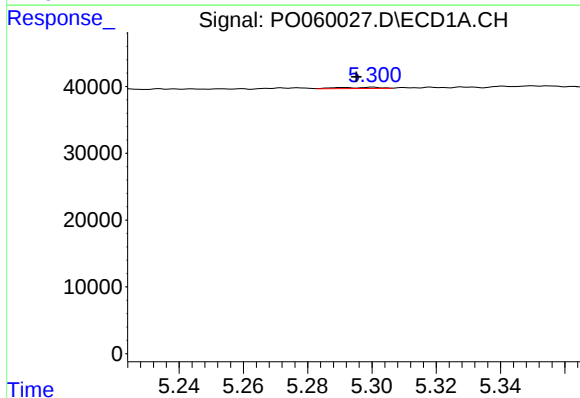
R.T.: 5.590 min
Delta R.T.: 0.007 min
Response: 947
Conc: 1.58 ng/ml

Instrument :
ECD_O
ClientSampleId :
EB-5-082819



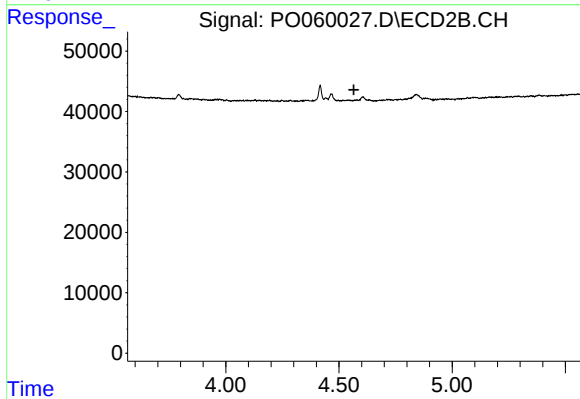
#15 AR-1232-5

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



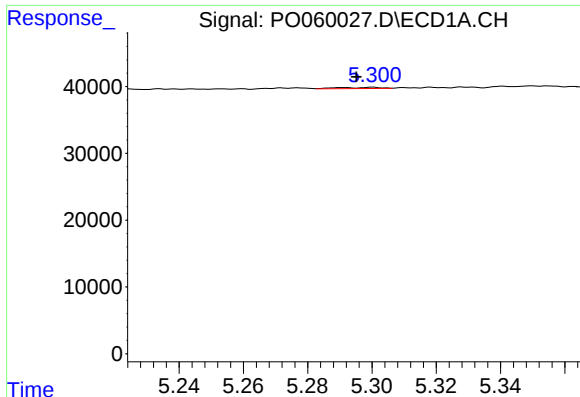
#16 AR-1242-1

R.T.: 5.300 min
Delta R.T.: 0.005 min
Response: 1780
Conc: 1.40 ng/ml



#16 AR-1242-1

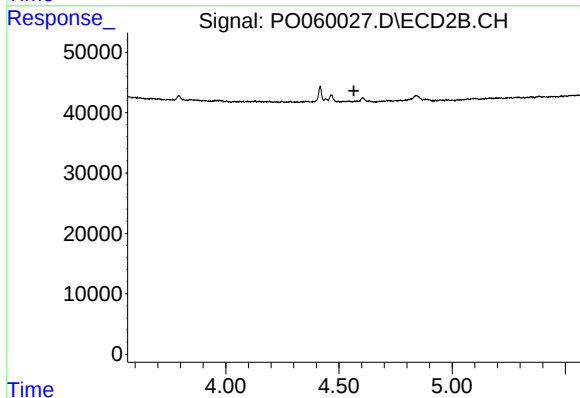
R.T.: 0.000 min
Exp R.T. : 4.566 min
Response: 0
Conc: N.D.



#17 AR-1242-2

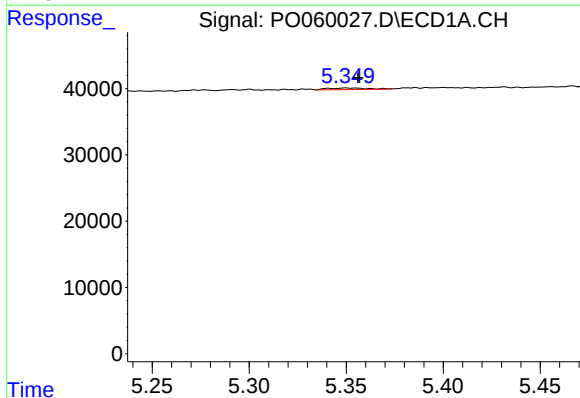
R.T.: 5.300 min
Delta R.T.: 0.005 min
Response: 1780
Conc: 0.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
EB-5-082819



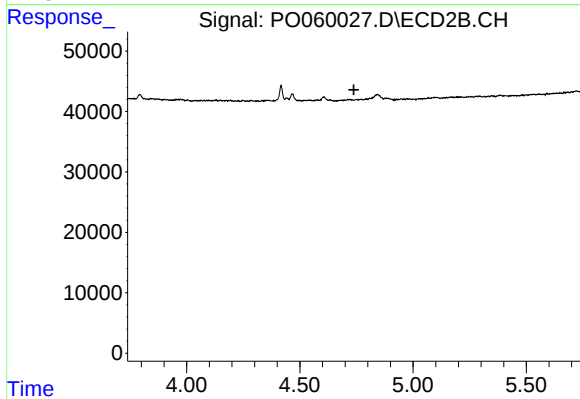
#17 AR-1242-2

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



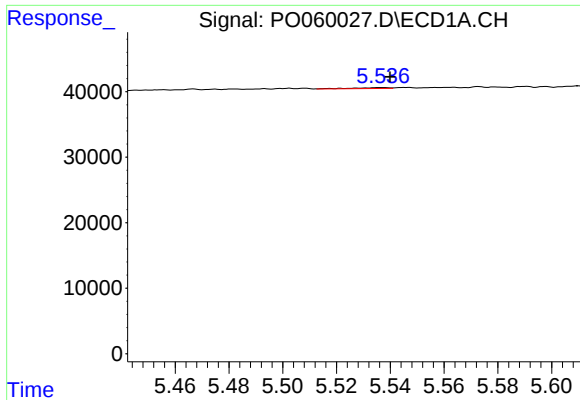
#18 AR-1242-3

R.T.: 5.350 min
Delta R.T.: -0.006 min
Response: 3560
Conc: 3.05 ng/ml



#18 AR-1242-3

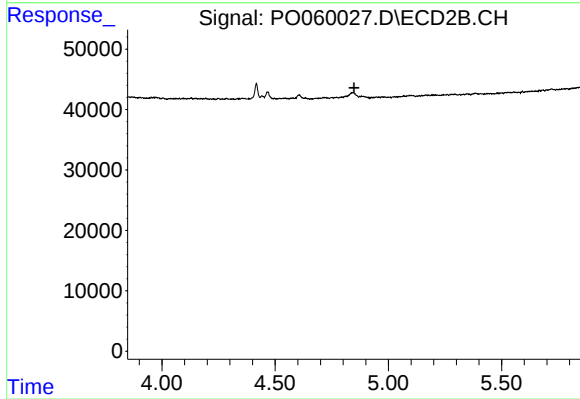
R.T.: 0.000 min
Exp R.T. : 4.738 min
Response: 0
Conc: N.D.



#19 AR-1242-4

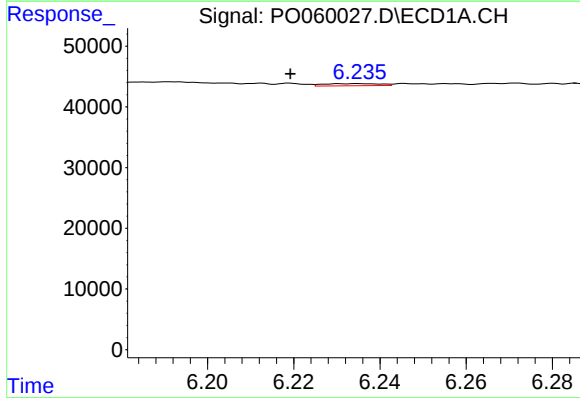
R.T.: 5.537 min
Delta R.T.: -0.003 min
Response: 1304
Conc: 1.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
EB-5-082819



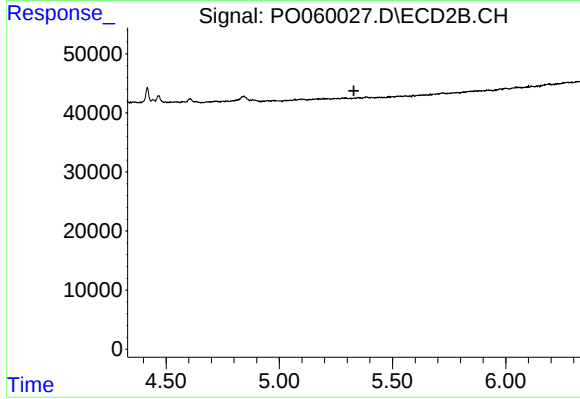
#19 AR-1242-4

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



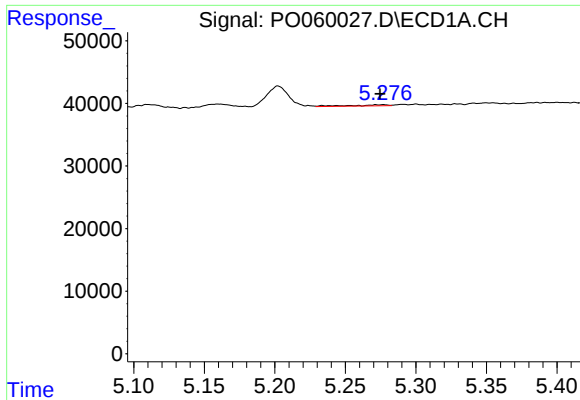
#20 AR-1242-5

R.T.: 6.235 min
Delta R.T.: 0.016 min
Response: 3190
Conc: 2.54 ng/ml



#20 AR-1242-5

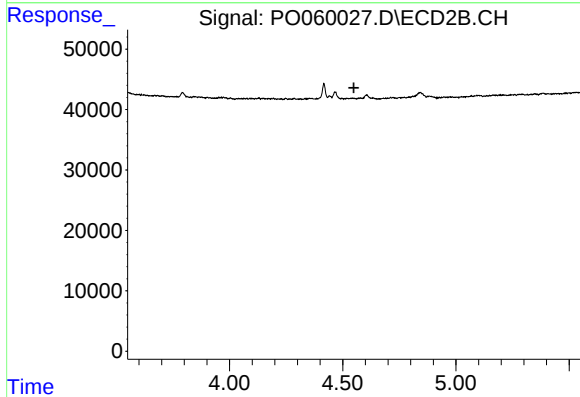
R.T.: 0.000 min
Exp R.T. : 5.330 min
Response: 0
Conc: N.D.



#21 AR-1248-1

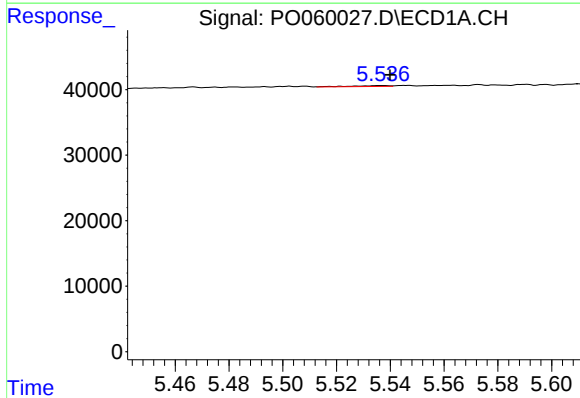
R.T.: 5.277 min
Delta R.T.: 0.003 min
Response: 2988
Conc: 2.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
EB-5-082819



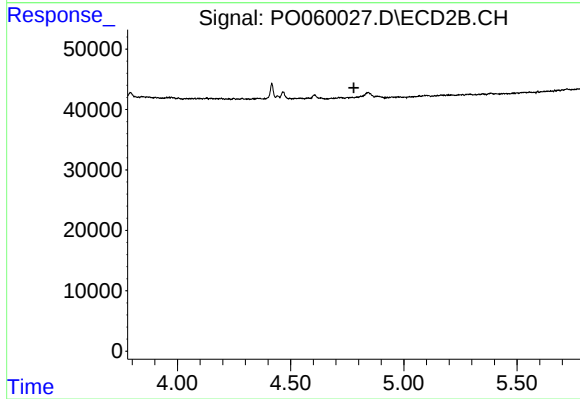
#21 AR-1248-1

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



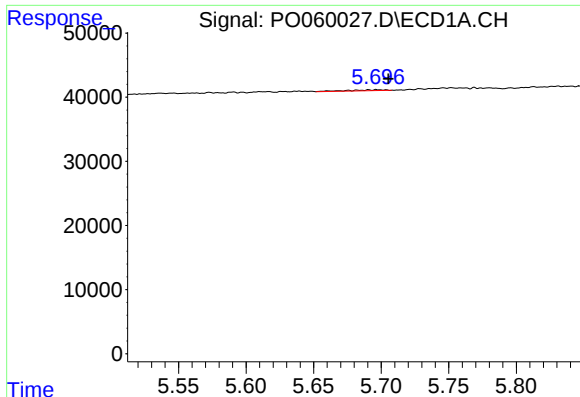
#22 AR-1248-2

R.T.: 5.537 min
Delta R.T.: -0.003 min
Response: 1304
Conc: 0.90 ng/ml



#22 AR-1248-2

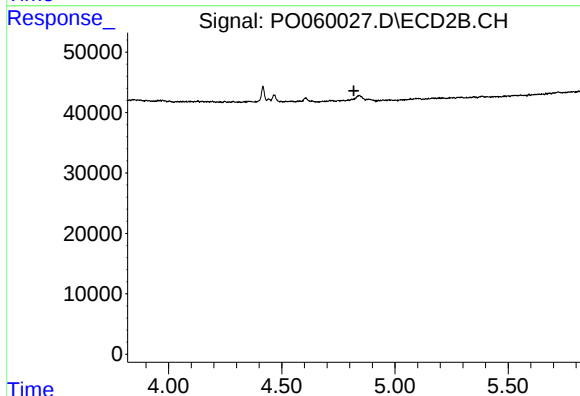
R.T.: 0.000 min
Exp R.T. : 4.779 min
Response: 0
Conc: N.D.



#23 AR-1248-3

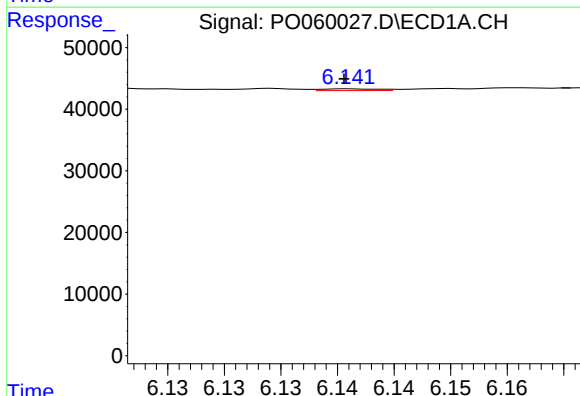
R.T.: 5.691 min
Delta R.T.: -0.014 min
Response: 2444
Conc: 1.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
EB-5-082819



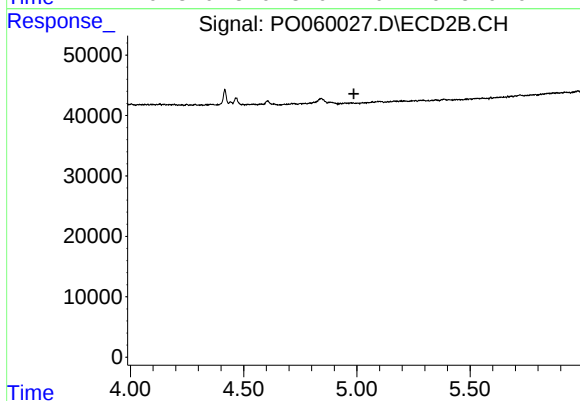
#23 AR-1248-3

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



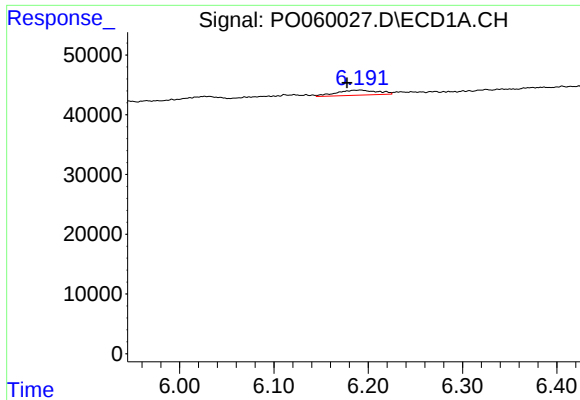
#24 AR-1248-4

R.T.: 6.141 min
Delta R.T.: 0.000 min
Response: 960
Conc: 0.47 ng/ml



#24 AR-1248-4

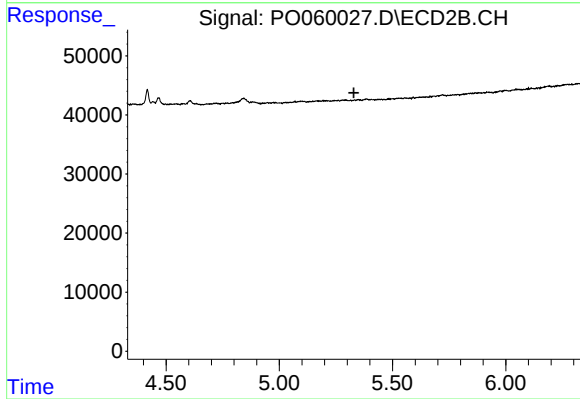
R.T.: 0.000 min
Exp R.T. : 4.987 min
Response: 0
Conc: N.D.



#25 AR-1248-5

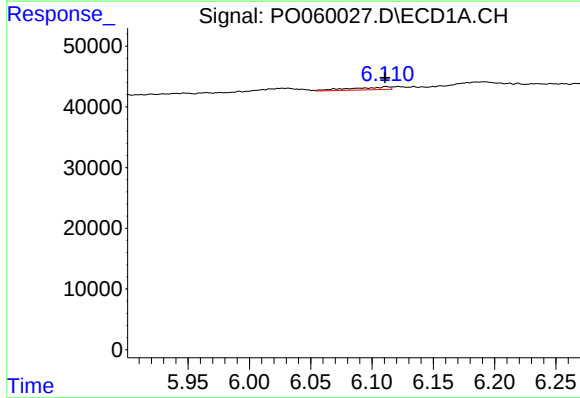
R.T.: 6.192 min
Delta R.T.: 0.014 min
Response: 26308
Conc: 13.27 ng/ml

Instrument :
ECD_O
ClientSampleId :
EB-5-082819



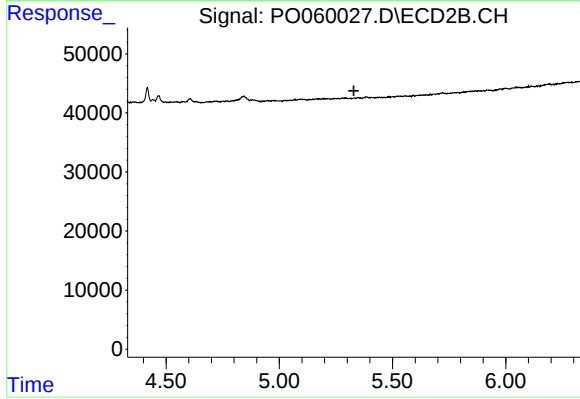
#25 AR-1248-5

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



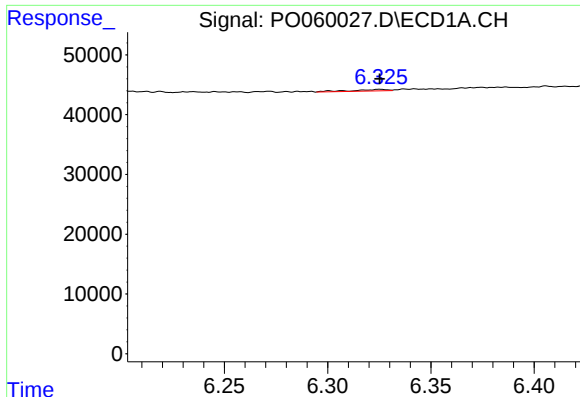
#26 AR-1254-1

R.T.: 6.111 min
Delta R.T.: 0.000 min
Response: 10378
Conc: 4.97 ng/ml



#26 AR-1254-1

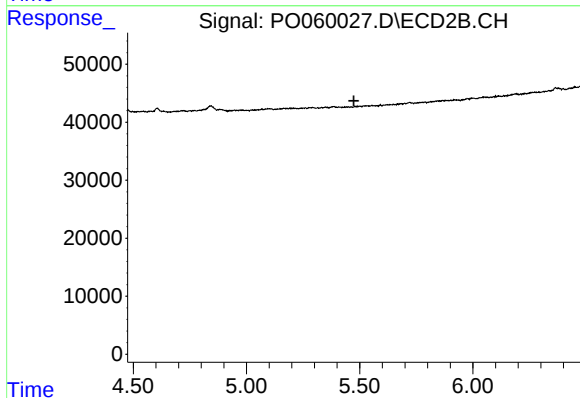
R.T.: 0.000 min
Exp R.T. : 5.330 min
Response: 0
Conc: N.D.



#27 AR-1254-2

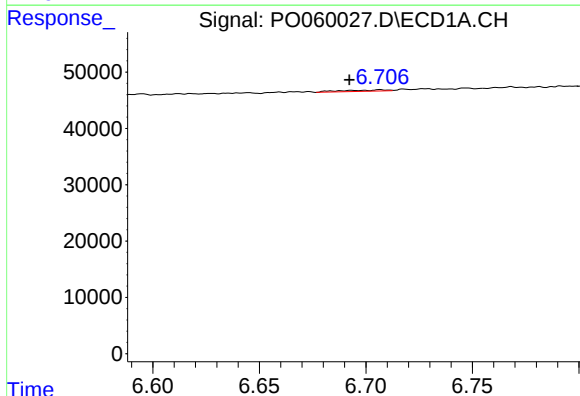
R.T.: 6.325 min
Delta R.T.: 0.000 min
Response: 2950
Conc: 0.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
EB-5-082819



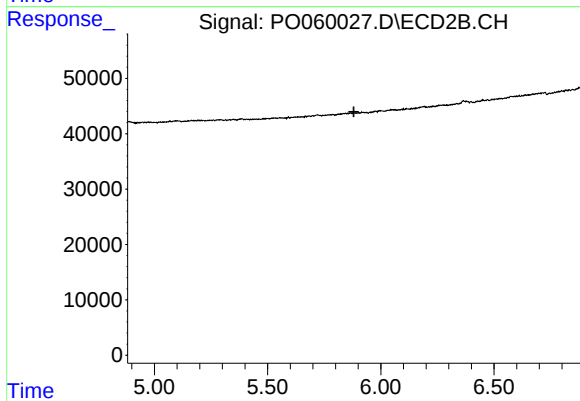
#27 AR-1254-2

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



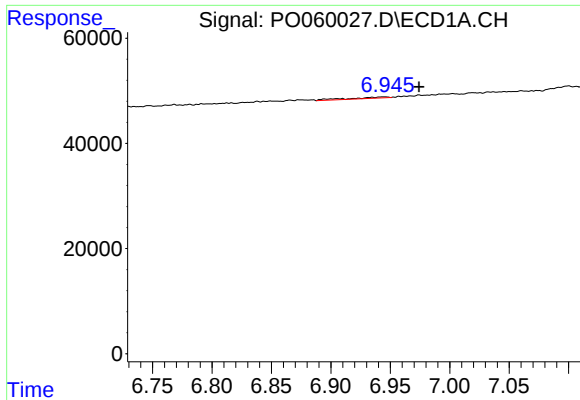
#28 AR-1254-3

R.T.: 6.707 min
Delta R.T.: 0.014 min
Response: 3511
Conc: 0.99 ng/ml



#28 AR-1254-3

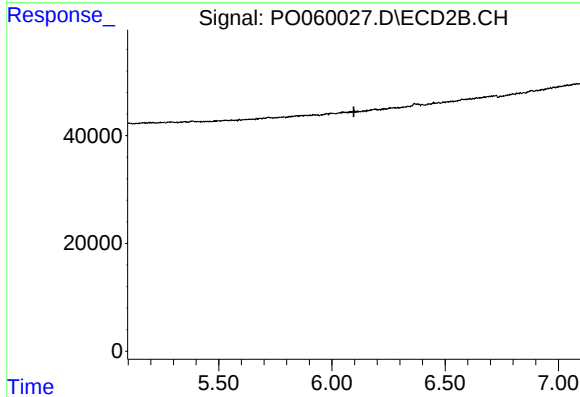
R.T.: 0.000 min
Exp R.T. : 5.881 min
Response: 0
Conc: N.D.



#29 AR-1254-4

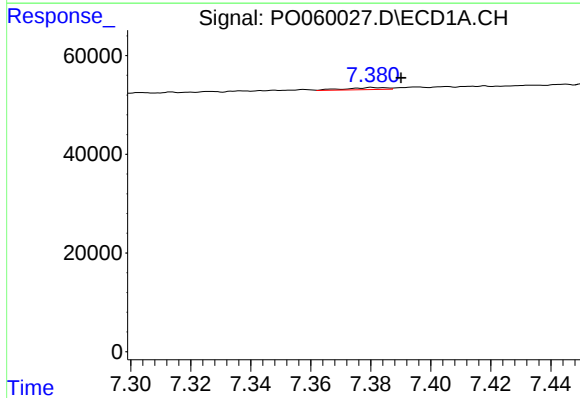
R.T.: 6.945 min
Delta R.T.: -0.029 min
Response: 5669
Conc: 1.92 ng/ml

Instrument :
ECD_O
ClientSampleId :
EB-5-082819



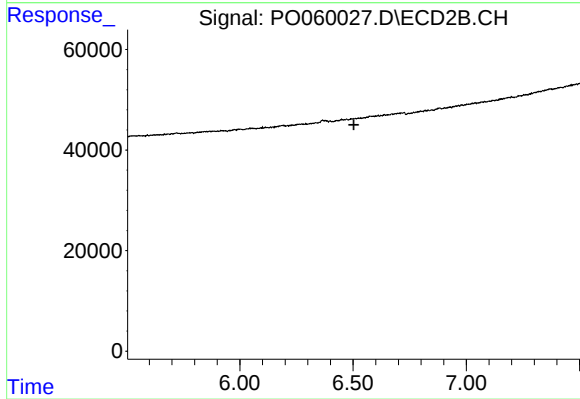
#29 AR-1254-4

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



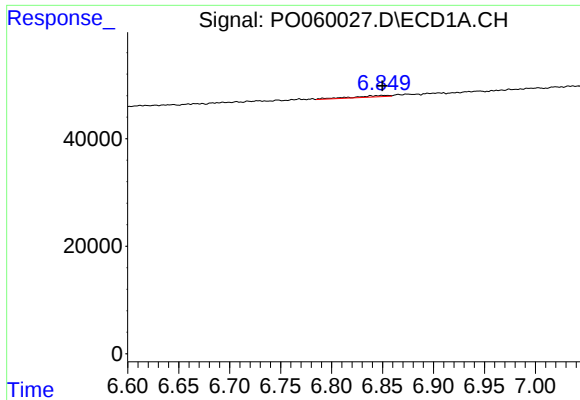
#30 AR-1254-5

R.T.: 7.381 min
Delta R.T.: -0.009 min
Response: 4056
Conc: 1.31 ng/ml



#30 AR-1254-5

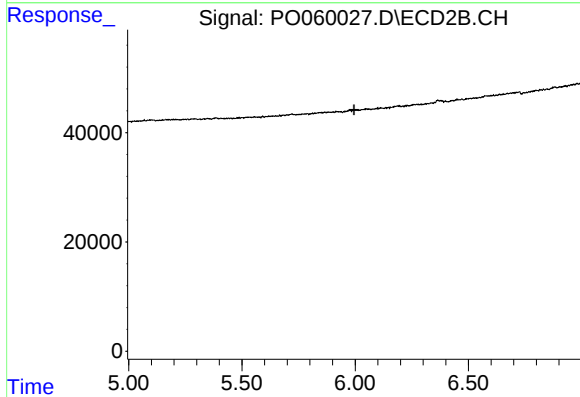
R.T.: 0.000 min
Exp R.T. : 6.503 min
Response: 0
Conc: N.D.



#31 AR-1260-1

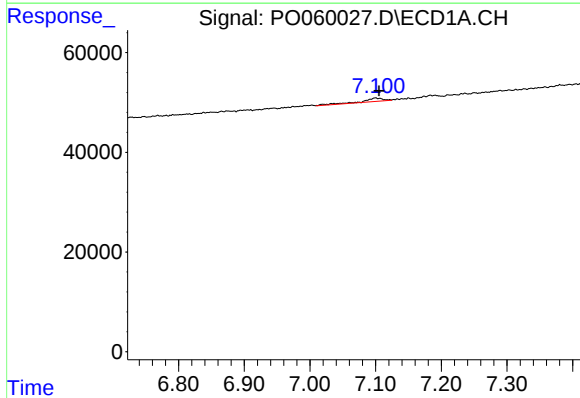
R.T.: 6.850 min
Delta R.T.: 0.000 min
Response: 6963
Conc: 2.58 ng/ml

Instrument :
ECD_O
ClientSampleId :
EB-5-082819



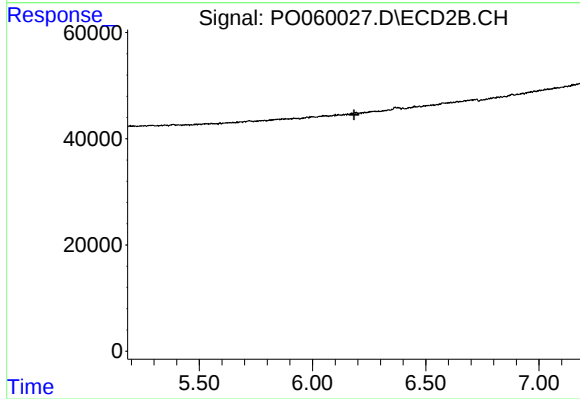
#31 AR-1260-1

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



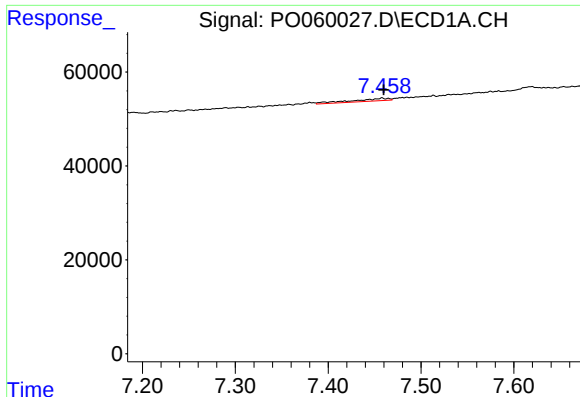
#32 AR-1260-2

R.T.: 7.100 min
Delta R.T.: -0.006 min
Response: 15661
Conc: 4.22 ng/ml



#32 AR-1260-2

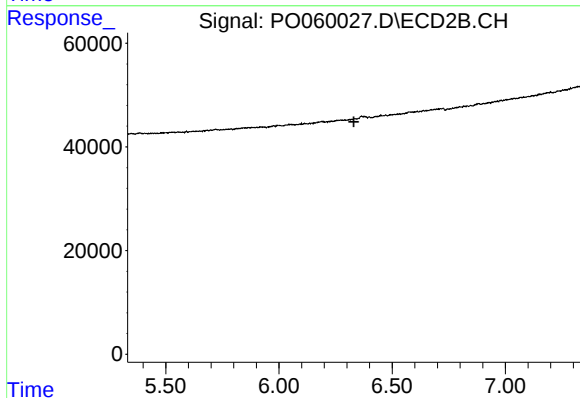
R.T.: 0.000 min
Exp R.T. : 6.183 min
Response: 0
Conc: N.D.



#33 AR-1260-3

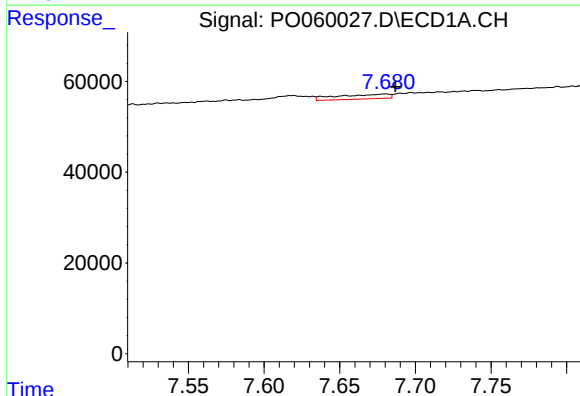
R.T.: 7.458 min
Delta R.T.: -0.002 min
Response: 15659
Conc: 4.78 ng/ml

Instrument :
ECD_O
ClientSampleId :
EB-5-082819



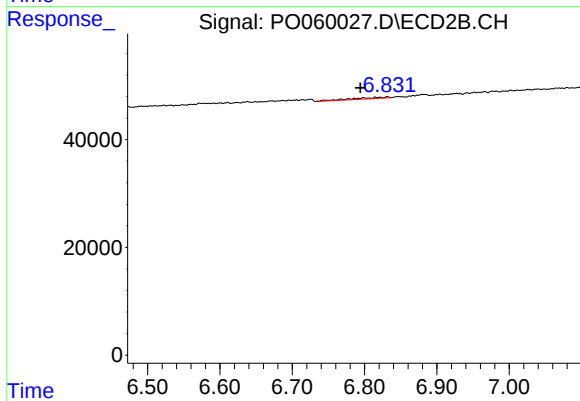
#33 AR-1260-3

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



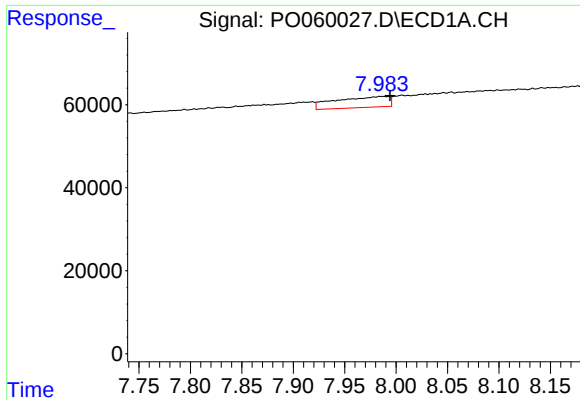
#34 AR-1260-4

R.T.: 7.680 min
Delta R.T.: -0.007 min
Response: 24722
Conc: 8.05 ng/ml



#34 AR-1260-4

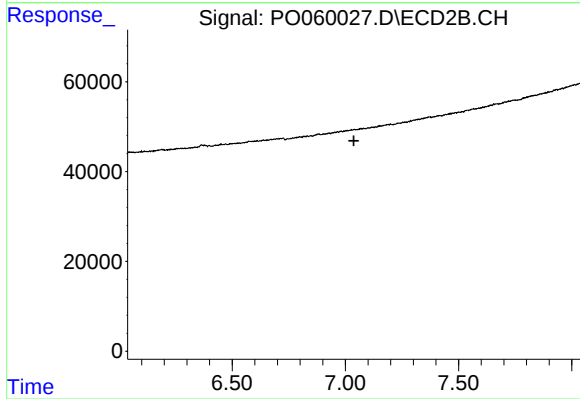
R.T.: 6.831 min
Delta R.T.: 0.037 min
Response: 9040
Conc: 4.00 ng/ml



#35 AR-1260-5

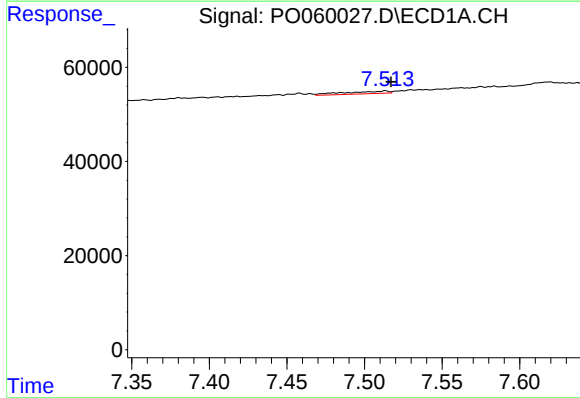
R.T.: 7.985 min
Delta R.T.: -0.009 min
Response: 94595
Conc: 13.36 ng/ml

Instrument :
ECD_O
ClientSampleId :
EB-5-082819



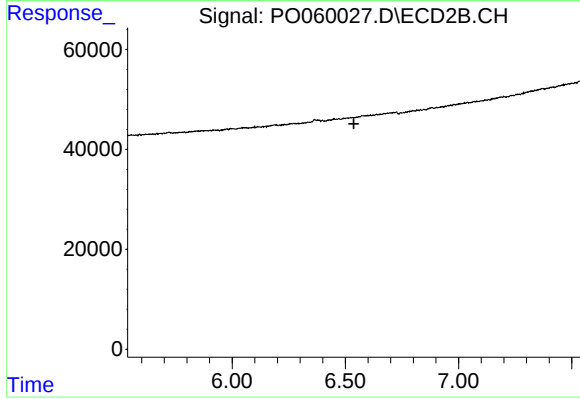
#35 AR-1260-5

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



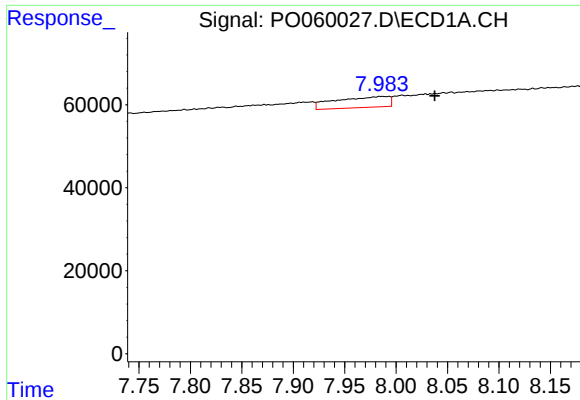
#36 AR-1262-1

R.T.: 7.513 min
Delta R.T.: -0.004 min
Response: 10670
Conc: 2.20 ng/ml



#36 AR-1262-1

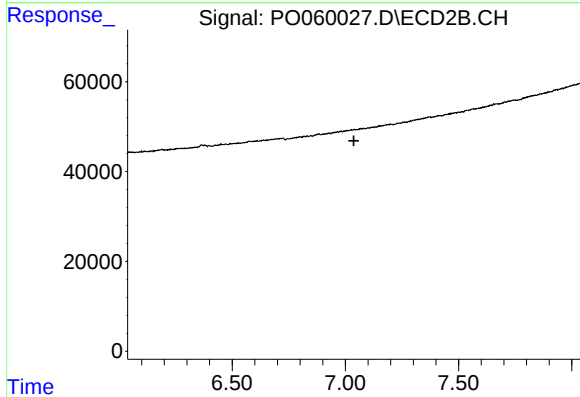
R.T.: 0.000 min
Exp R.T. : 6.538 min
Response: 0
Conc: N.D.



#37 AR-1262-2

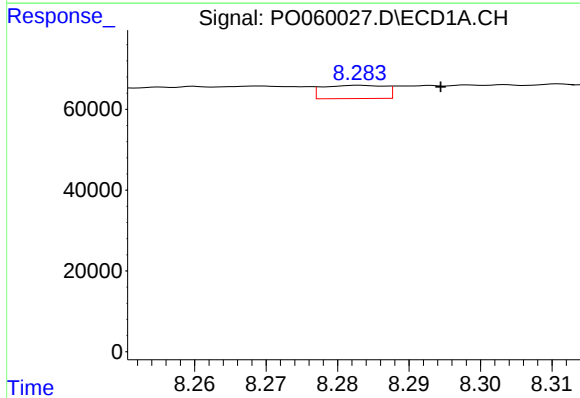
R.T.: 7.985 min
Delta R.T.: -0.052 min
Response: 94595
Conc: 12.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
EB-5-082819



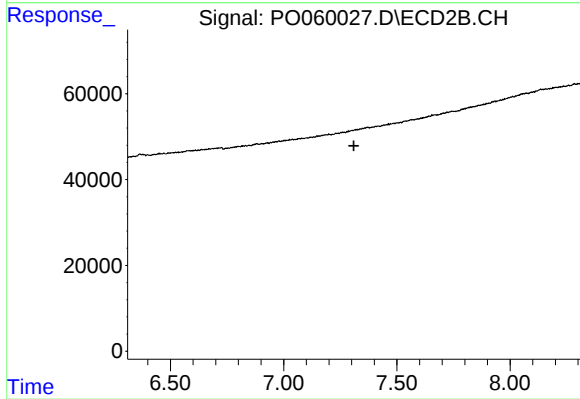
#37 AR-1262-2

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



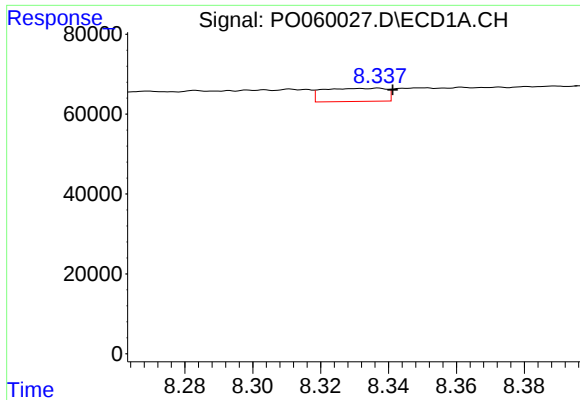
#38 AR-1262-3

R.T.: 8.283 min
Delta R.T.: -0.011 min
Response: 19833
Conc: 3.89 ng/ml



#38 AR-1262-3

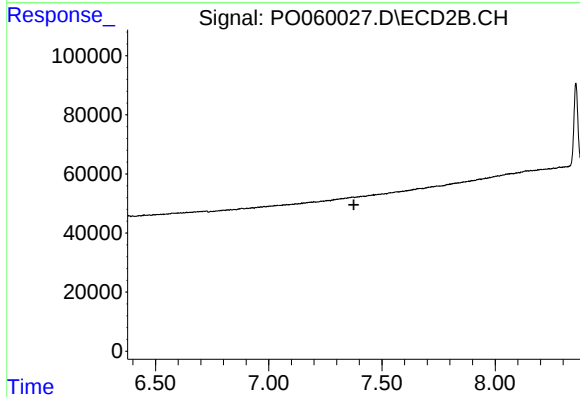
R.T.: 0.000 min
Exp R.T. : 7.310 min
Response: 0
Conc: N.D.



#39 AR-1262-4

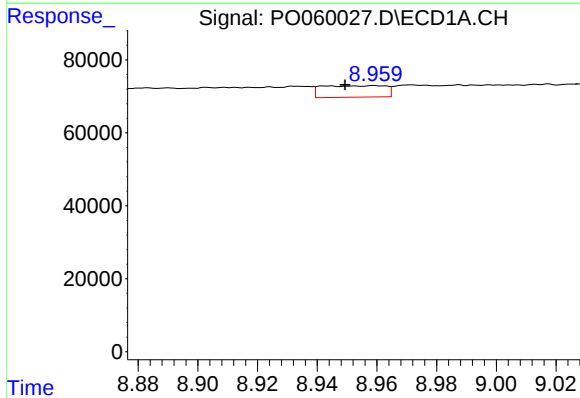
R.T.: 8.337 min
Delta R.T.: -0.004 min
Response: 42217
Conc: 10.95 ng/ml

Instrument :
ECD_O
ClientSampleId :
EB-5-082819



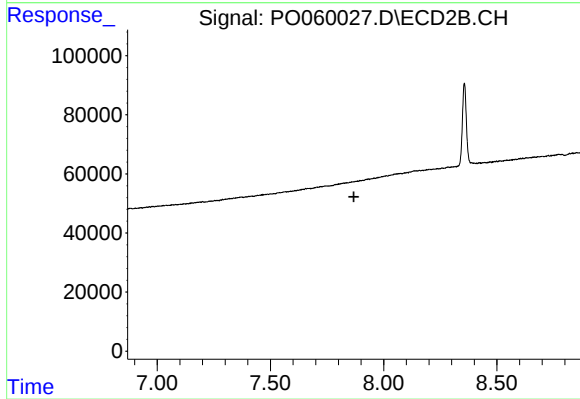
#39 AR-1262-4

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



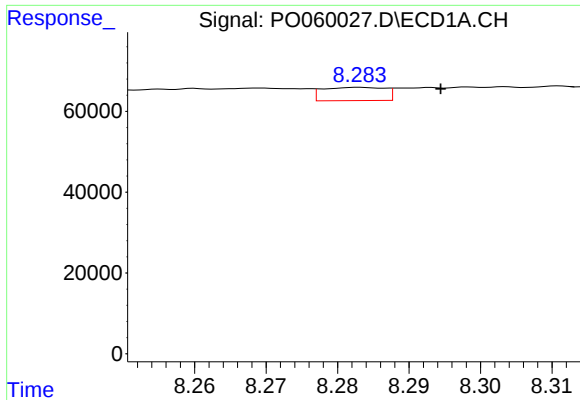
#40 AR-1262-5

R.T.: 8.959 min
Delta R.T.: 0.010 min
Response: 46718
Conc: 18.20 ng/ml



#40 AR-1262-5

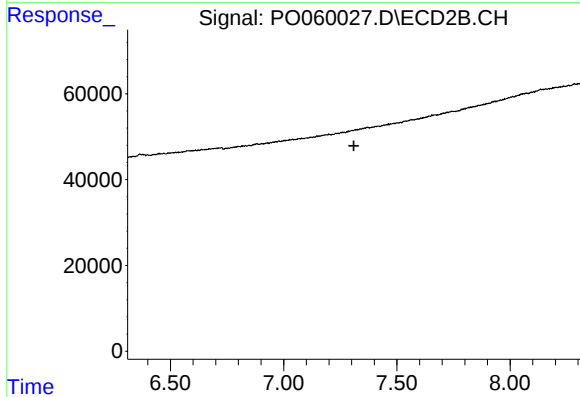
R.T.: 0.000 min
Exp R.T. : 7.868 min
Response: 0
Conc: N.D.



#41 AR-1268-1

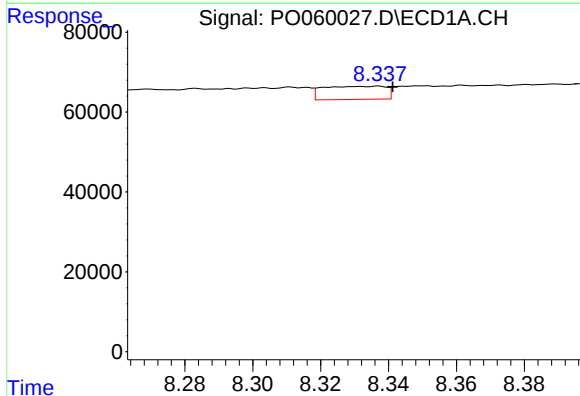
R.T.: 8.283 min
Delta R.T.: -0.011 min
Response: 19833
Conc: 2.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
EB-5-082819



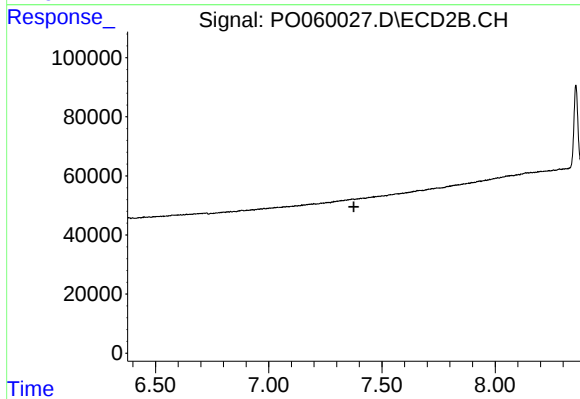
#41 AR-1268-1

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



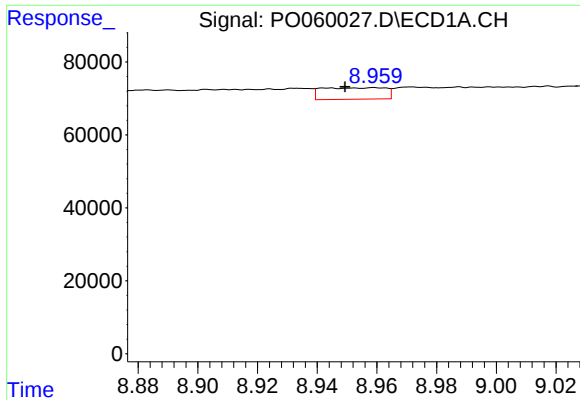
#42 AR-1268-2

R.T.: 8.337 min
Delta R.T.: -0.004 min
Response: 42217
Conc: 5.36 ng/ml



#42 AR-1268-2

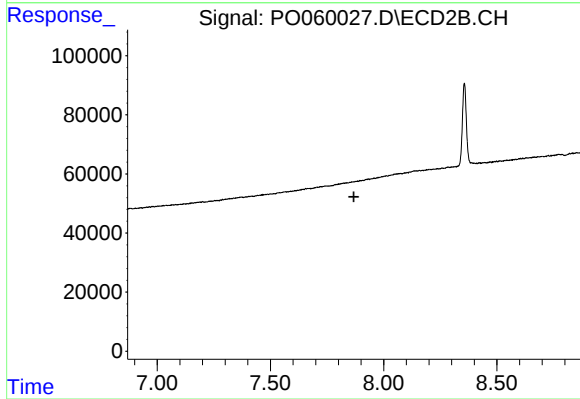
R.T.: 0.000 min
Exp R.T. : 7.376 min
Response: 0
Conc: N.D.



#44 AR-1268-4

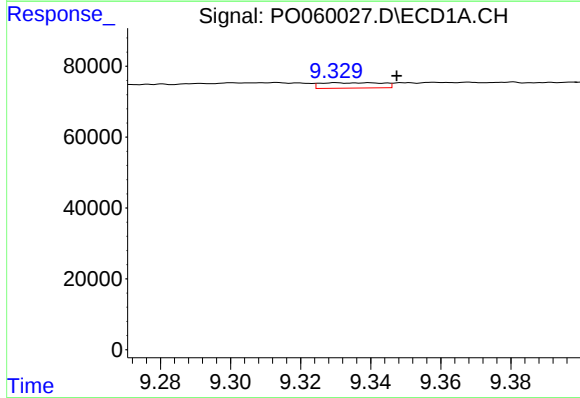
R.T.: 8.959 min
Delta R.T.: 0.010 min
Response: 46718
Conc: 16.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
EB-5-082819



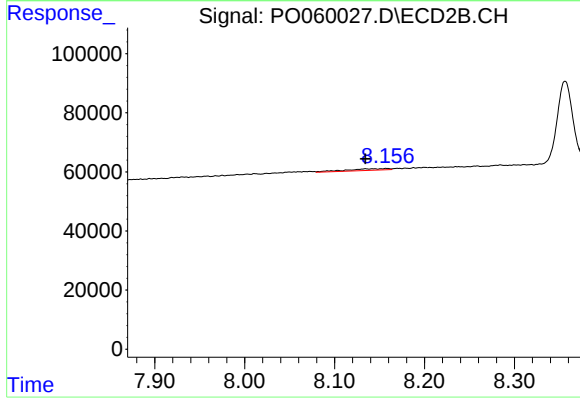
#44 AR-1268-4

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



#45 AR-1268-5

R.T.: 9.339 min
Delta R.T.: -0.008 min
Response: 18689
Conc: 1.01 ng/ml



#45 AR-1268-5

R.T.: 8.158 min
Delta R.T.: 0.023 min
Response: 19298
Conc: 1.33 ng/ml