

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0081219\
 Data File : P0059224.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 13 Aug 2019 4:25
 Operator : SM/SJ
 Sample : K4085-05
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 HR-05-080919-C

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 13 06:35:33 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...	4.150	3.513	1021917	912149	24.214	22.832
2)	SA Decachlor...	9.649	8.388	860018	621306	15.881	15.740
Target Compounds							
3)	L1 AR-1016-1	5.328	0.000	4896	0	2.613	N.D. #
4)	L1 AR-1016-2	5.349	0.000	1274	0	0.463	N.D. #
5)	L1 AR-1016-3	5.428	0.000	7895	0	4.650	N.D. #
6)	L1 AR-1016-4	5.578	0.000	6366	0	4.550	N.D. #
8)	L2 AR-1221-1	4.451	0.000	17160	0	37.775	N.D. #
9)	L2 AR-1221-2	4.451	0.000	17160	0	49.772	N.D. #
10)	L2 AR-1221-3	4.570	0.000	9410	0	8.581	N.D. #
11)	L3 AR-1232-1	4.570	0.000	9410	0	10.423	N.D. #
12)	L3 AR-1232-2	5.069	0.000	1719	0	3.494	N.D. #
13)	L3 AR-1232-3	5.349	0.000	1274	0	1.190	N.D. #
14)	L3 AR-1232-4	5.578	0.000	6366	0	11.941	N.D. #
15)	L3 AR-1232-5	5.607	0.000	4754	0	11.650	N.D. #
16)	L4 AR-1242-1	5.328	0.000	4896	0	3.823	N.D. #
17)	L4 AR-1242-2	5.349	0.000	1274	0	0.674	N.D. #
18)	L4 AR-1242-3	5.428	0.000	7895	0	6.731	N.D. #
19)	L4 AR-1242-4	5.578	0.000	6366	0	6.624	N.D. #
20)	L4 AR-1242-5	6.245	0.000	1478	0	1.259	N.D. #
21)	L5 AR-1248-1	5.328	0.000	4896	0	4.843	N.D. #
22)	L5 AR-1248-2	5.607	0.000	4754	0	3.289	N.D. #
24)	L5 AR-1248-4	6.215	0.000	9285	0	4.585	N.D. #
25)	L5 AR-1248-5	6.245	0.000	1478	0	0.766	N.D. #
26)	L6 AR-1254-1	6.182	0.000	8058	0	3.412	N.D. #
27)	L6 AR-1254-2	6.365	5.553	32890	40482	8.534	17.682 #
28)	L6 AR-1254-3	6.763	0.000	18191	0	4.492	N.D. #
29)	L6 AR-1254-4	7.013	0.000	3880	0	1.078	N.D. #
30)	L6 AR-1254-5	7.452	0.000	9723	0	2.682	N.D. #
31)	L7 AR-1260-1	6.882	0.000	15104	0	5.246	N.D. #
32)	L7 AR-1260-2	7.143	0.000	16239	0	3.903	N.D. #
33)	L7 AR-1260-3	7.498	0.000	6243	0	1.677	N.D. #
34)	L7 AR-1260-4	7.726	0.000	48112	0	14.118	N.D. #
35)	L7 AR-1260-5	8.029	0.000	52076	0	7.081	N.D. #
36)	L8 AR-1262-1	7.498	0.000	6243	0	1.239	N.D. #
37)	L8 AR-1262-2	8.029	0.000	52076	0	6.543	N.D. #
38)	L8 AR-1262-3	8.342	0.000	17020	0	3.348	N.D. #
39)	L8 AR-1262-4	8.413	0.000	6594	0	1.740	N.D. #
41)	L9 AR-1268-1	8.342	0.000	17020	0	1.524	N.D. #
42)	L9 AR-1268-2	8.413	0.000	6594	0	0.702	N.D. #
43)	L9 AR-1268-3	8.625	0.000	7774	0	0.941	N.D. #
45)	L9 AR-1268-5	9.367	0.000	5702	0	0.266	N.D. #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0081219\
Data File : P0059224.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 13 Aug 2019 4:25
Operator : SM/SJ
Sample : K4085-05
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
HR-05-080919-C

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 06:35:33 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

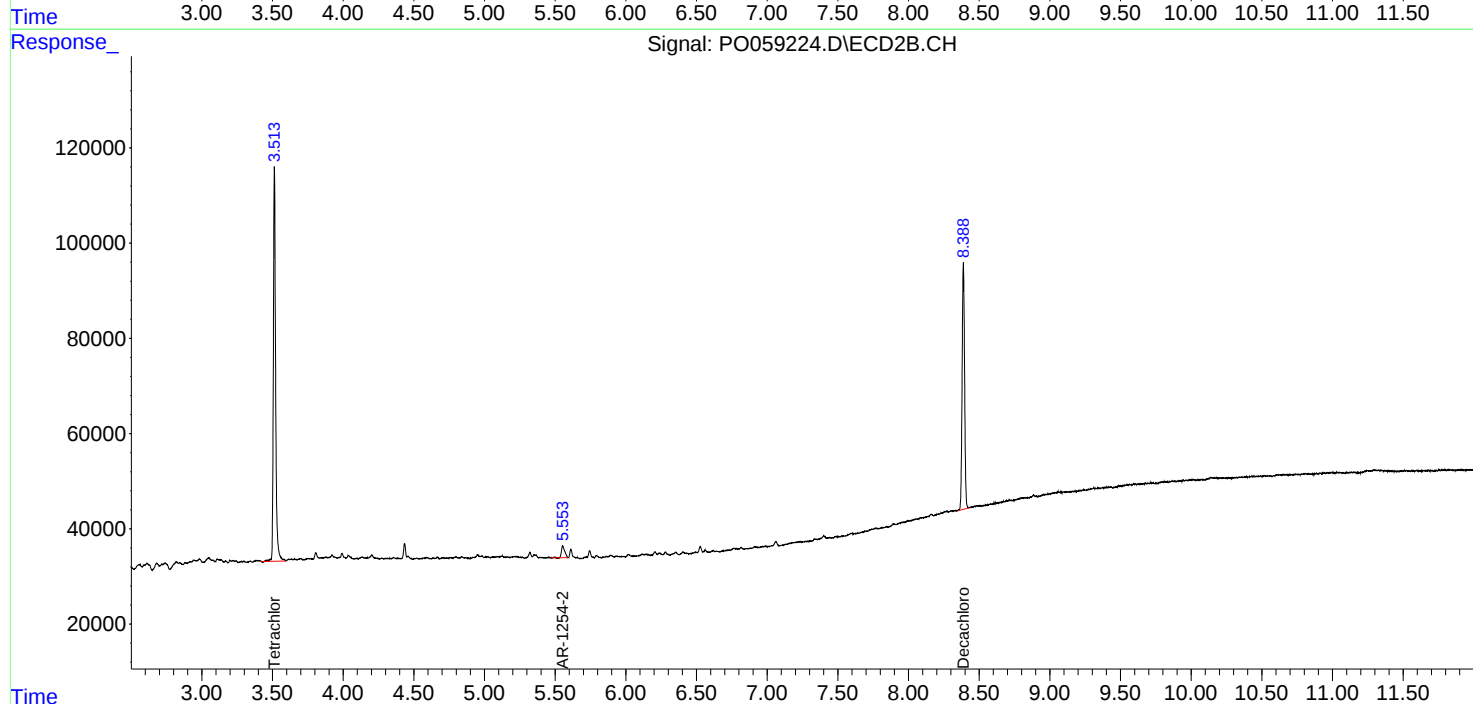
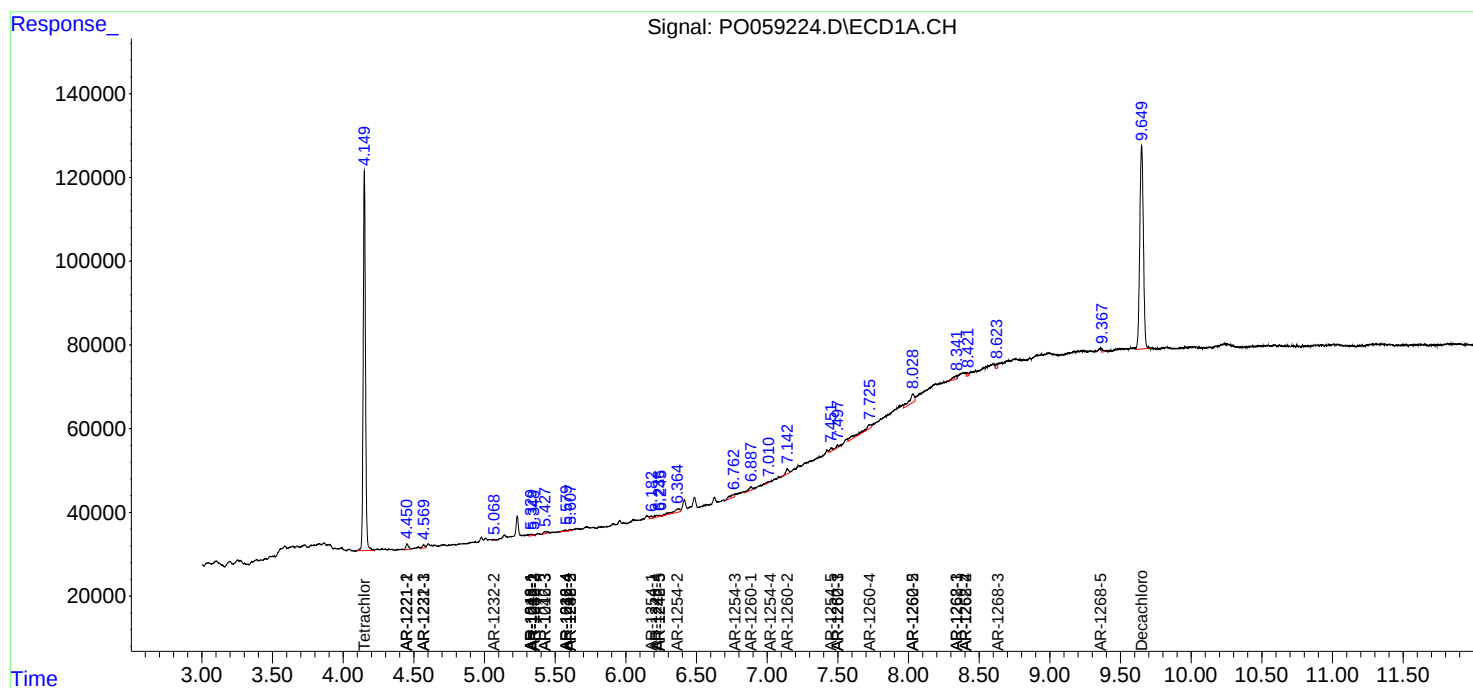
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

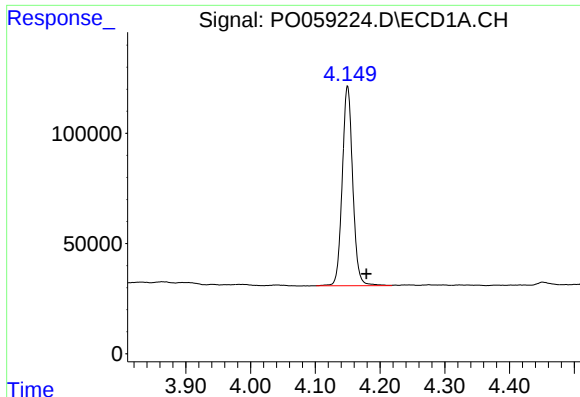
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0081219\
Data File : P0059224.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 13 Aug 2019 4:25
Operator : SM/SJ
Sample : K4085-05
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 06:35:33 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0072819.M
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QLast Update : Sat Jul 27 06:49:05 2019
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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

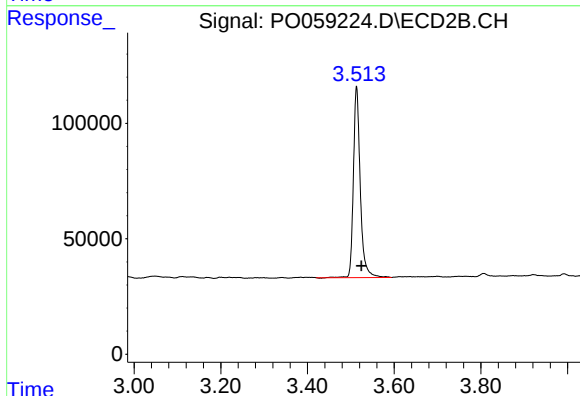




#1 Tetrachloro-m-xylene

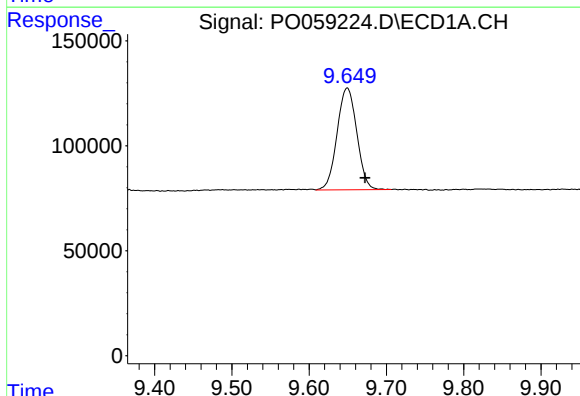
R.T.: 4.150 min
Delta R.T.: -0.029 min
Response: 1021917
Conc: 24.21 ng/ml

Instrument :
ECD_O
ClientSampleId :
HR-05-080919-C



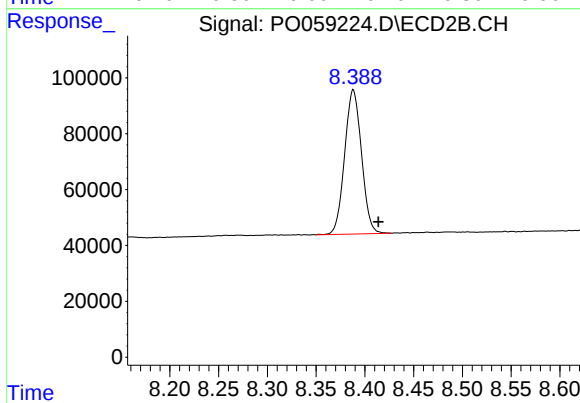
#1 Tetrachloro-m-xylene

R.T.: 3.513 min
Delta R.T.: -0.011 min
Response: 912149
Conc: 22.83 ng/ml



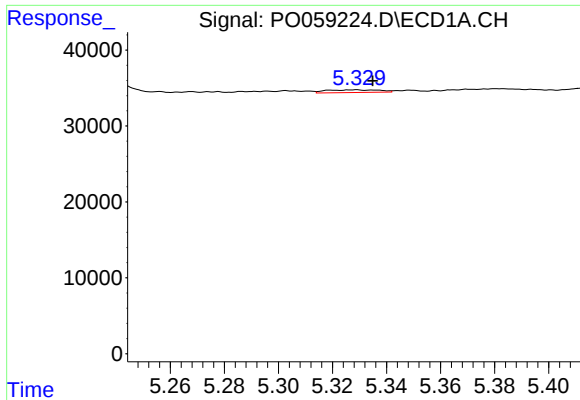
#2 Decachlorobiphenyl

R.T.: 9.649 min
Delta R.T.: -0.023 min
Response: 860018
Conc: 15.88 ng/ml



#2 Decachlorobiphenyl

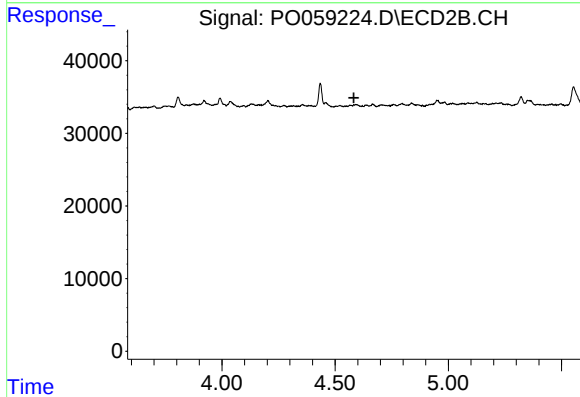
R.T.: 8.388 min
Delta R.T.: -0.026 min
Response: 621306
Conc: 15.74 ng/ml



#3 AR-1016-1

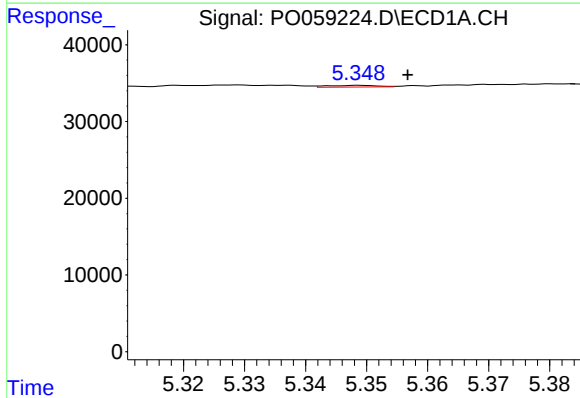
R.T.: 5.328 min
Delta R.T.: -0.007 min
Response: 4896
Conc: 2.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
HR-05-080919-C



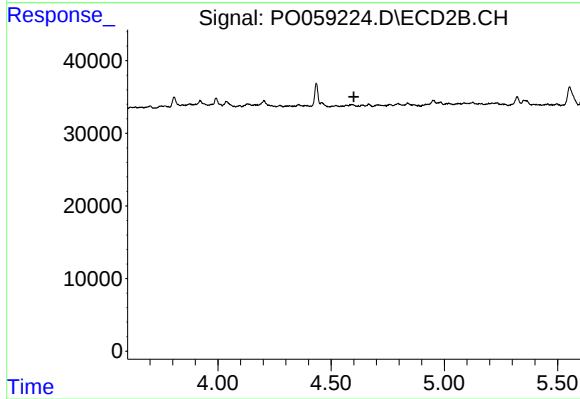
#3 AR-1016-1

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



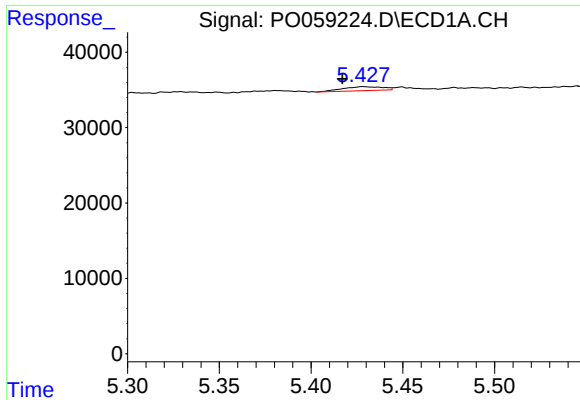
#4 AR-1016-2

R.T.: 5.349 min
Delta R.T.: -0.008 min
Response: 1274
Conc: 0.46 ng/ml



#4 AR-1016-2

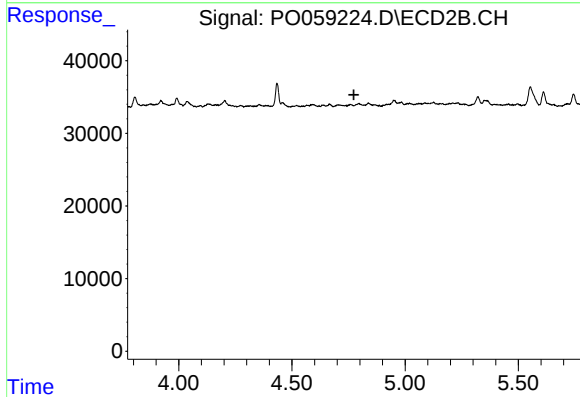
R.T.: 0.000 min
Exp R.T. : 4.601 min
Response: 0
Conc: N.D.



#5 AR-1016-3

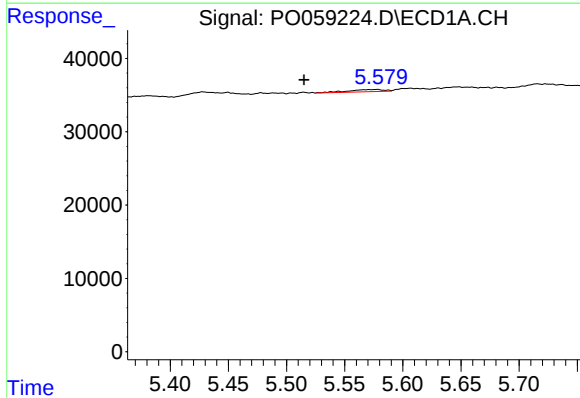
R.T.: 5.428 min
Delta R.T.: 0.011 min
Response: 7895
Conc: 4.65 ng/ml

Instrument :
ECD_O
ClientSampleId :
HR-05-080919-C



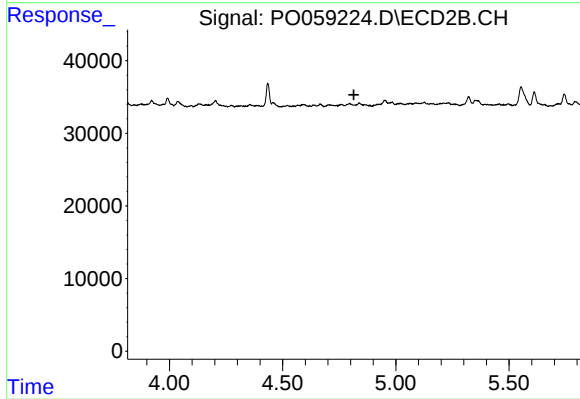
#5 AR-1016-3

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



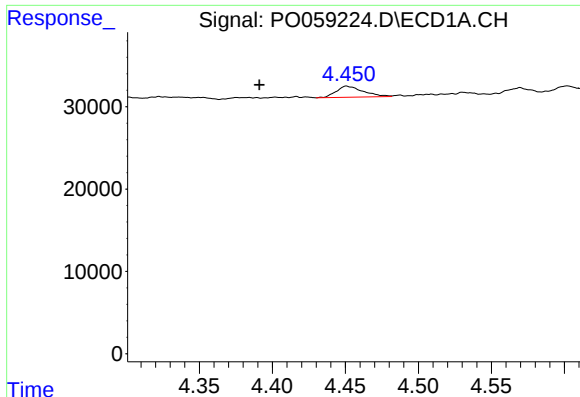
#6 AR-1016-4

R.T.: 5.578 min
Delta R.T.: 0.063 min
Response: 6366
Conc: 4.55 ng/ml



#6 AR-1016-4

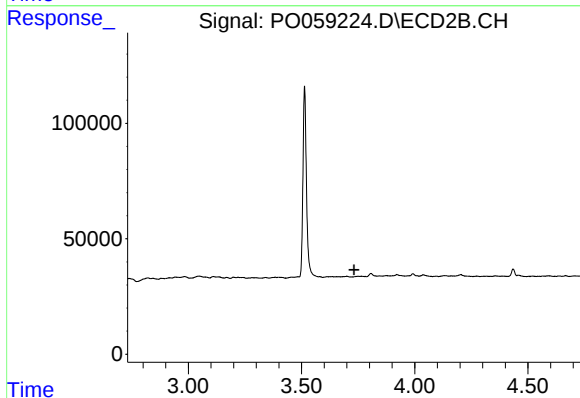
R.T.: 0.000 min
Exp R.T. : 4.815 min
Response: 0
Conc: N.D.



#8 AR-1221-1

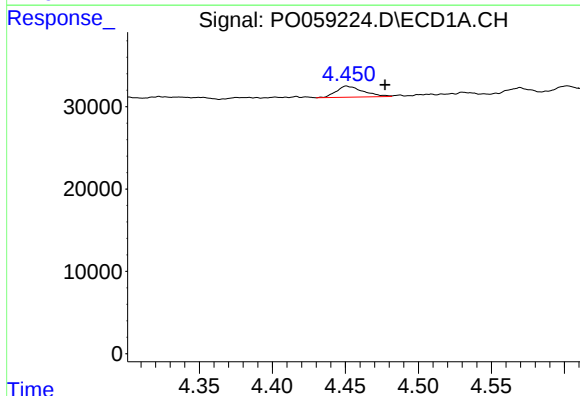
R.T.: 4.451 min
Delta R.T.: 0.060 min
Response: 17160
Conc: 37.78 ng/ml

Instrument :
ECD_O
ClientSampleId :
HR-05-080919-C



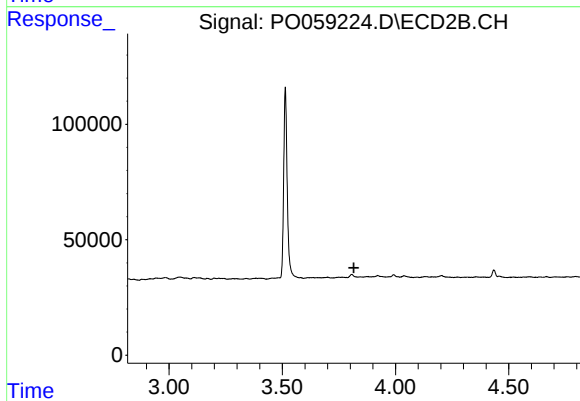
#8 AR-1221-1

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



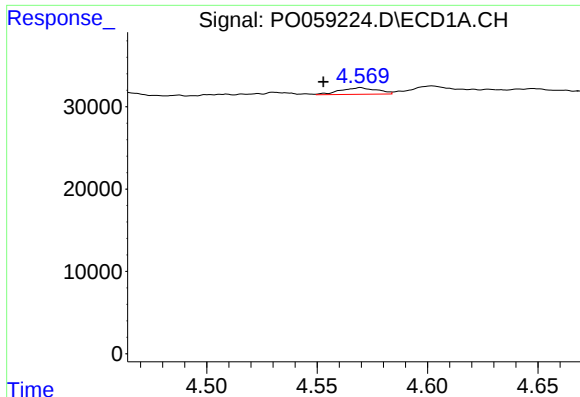
#9 AR-1221-2

R.T.: 4.451 min
Delta R.T.: -0.026 min
Response: 17160
Conc: 49.77 ng/ml



#9 AR-1221-2

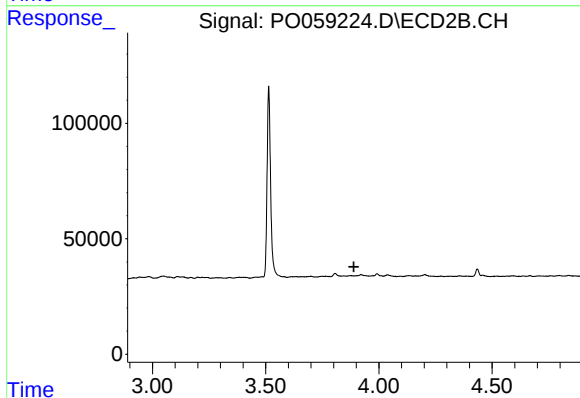
R.T.: 0.000 min
Exp R.T. : 3.816 min
Response: 0
Conc: N.D.



#10 AR-1221-3

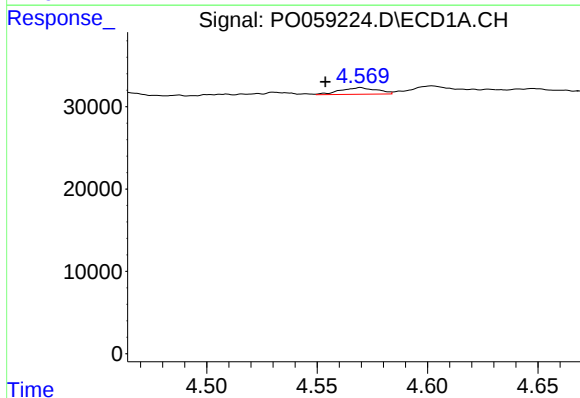
R.T.: 4.570 min
Delta R.T.: 0.017 min
Response: 9410
Conc: 8.58 ng/ml

Instrument :
ECD_O
ClientSampleId :
HR-05-080919-C



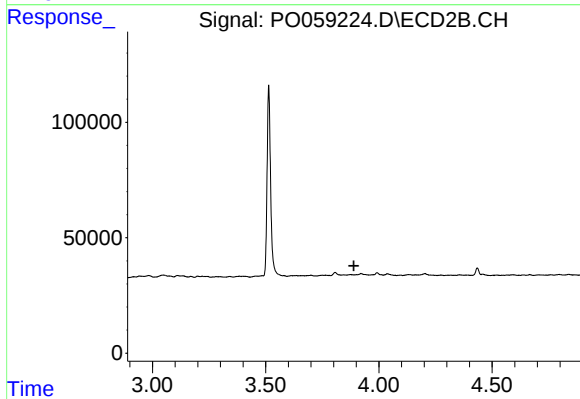
#10 AR-1221-3

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



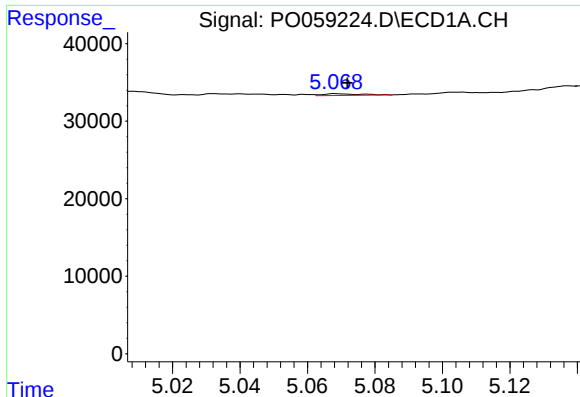
#11 AR-1232-1

R.T.: 4.570 min
Delta R.T.: 0.016 min
Response: 9410
Conc: 10.42 ng/ml



#11 AR-1232-1

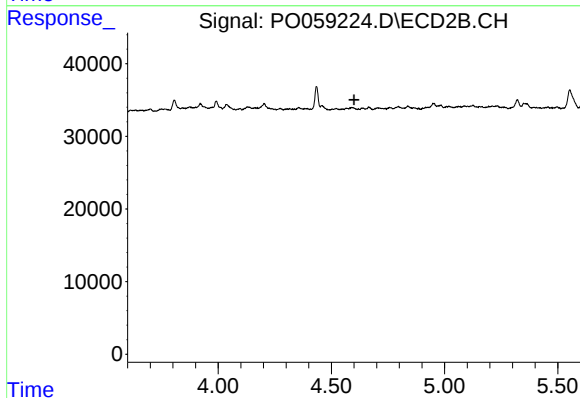
R.T.: 0.000 min
Exp R.T. : 3.889 min
Response: 0
Conc: N.D.



#12 AR-1232-2

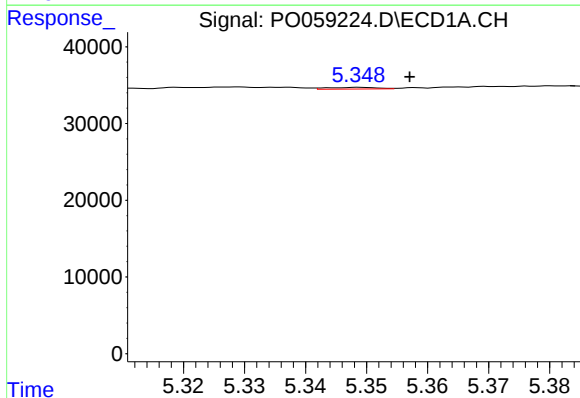
R.T.: 5.069 min
Delta R.T.: -0.003 min
Response: 1719
Conc: 3.49 ng/ml

Instrument :
ECD_O
ClientSampleId :
HR-05-080919-C



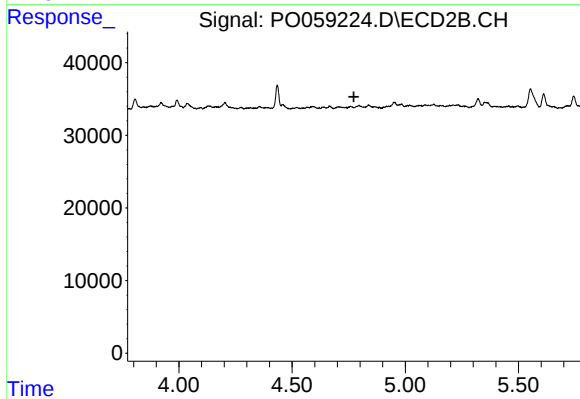
#12 AR-1232-2

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



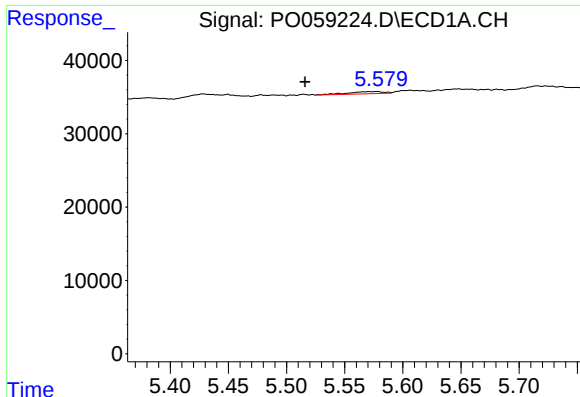
#13 AR-1232-3

R.T.: 5.349 min
Delta R.T.: -0.008 min
Response: 1274
Conc: 1.19 ng/ml



#13 AR-1232-3

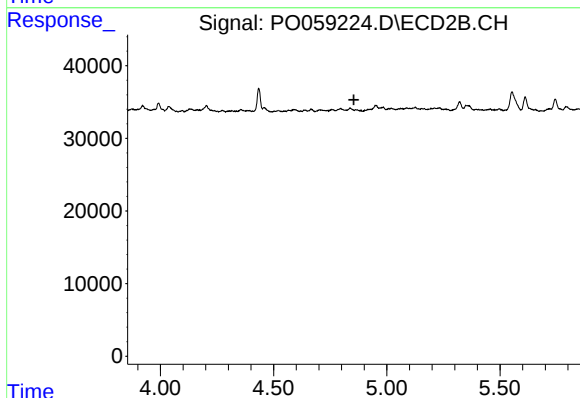
R.T.: 0.000 min
Exp R.T. : 4.773 min
Response: 0
Conc: N.D.



#14 AR-1232-4

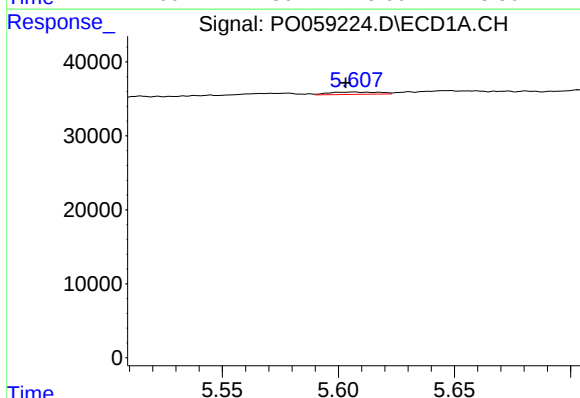
R.T.: 5.578 min
Delta R.T.: 0.062 min
Response: 6366
Conc: 11.94 ng/ml

Instrument :
ECD_O
ClientSampleId :
HR-05-080919-C



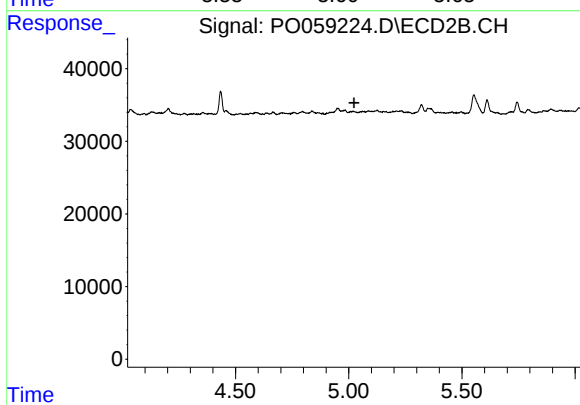
#14 AR-1232-4

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



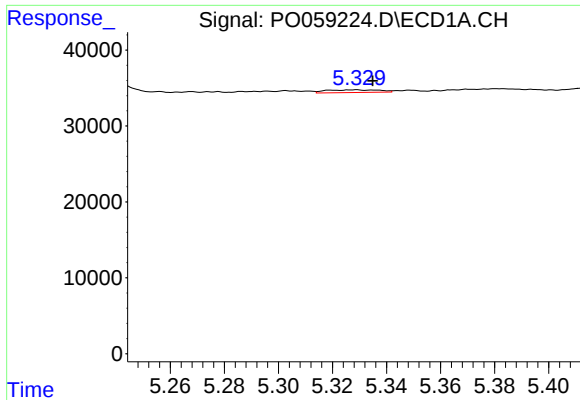
#15 AR-1232-5

R.T.: 5.607 min
Delta R.T.: 0.003 min
Response: 4754
Conc: 11.65 ng/ml



#15 AR-1232-5

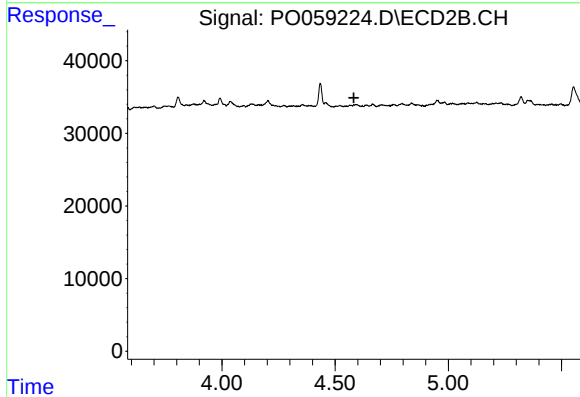
R.T.: 0.000 min
Exp R.T. : 5.023 min
Response: 0
Conc: N.D.



#16 AR-1242-1

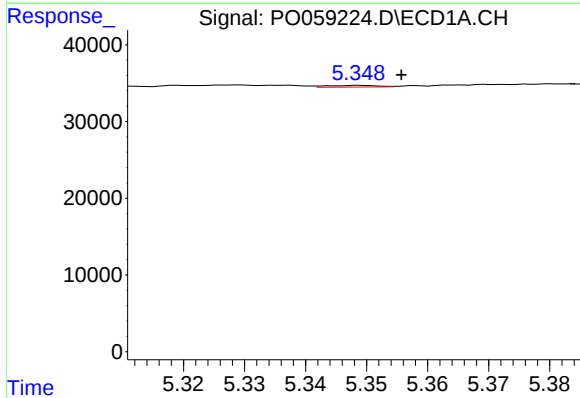
R.T.: 5.328 min
Delta R.T.: -0.007 min
Response: 4896
Conc: 3.82 ng/ml

Instrument :
ECD_O
ClientSampleId :
HR-05-080919-C



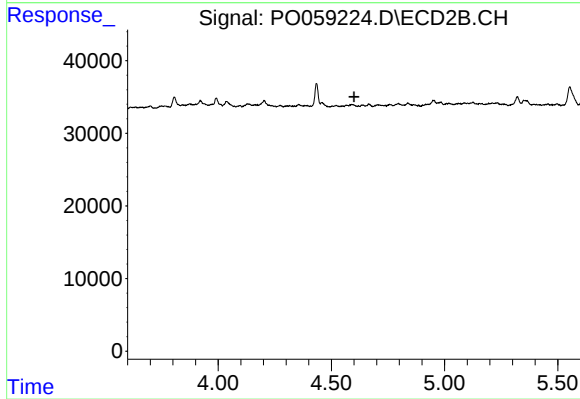
#16 AR-1242-1

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



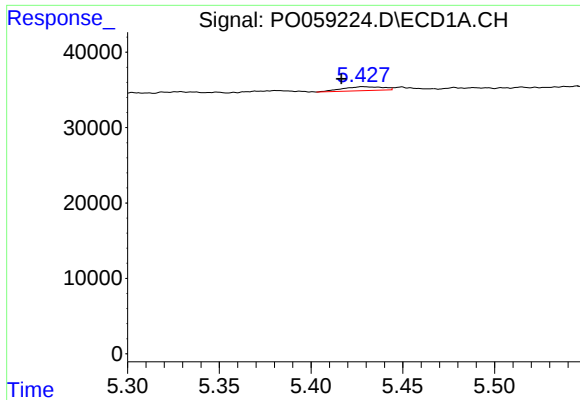
#17 AR-1242-2

R.T.: 5.349 min
Delta R.T.: -0.007 min
Response: 1274
Conc: 0.67 ng/ml



#17 AR-1242-2

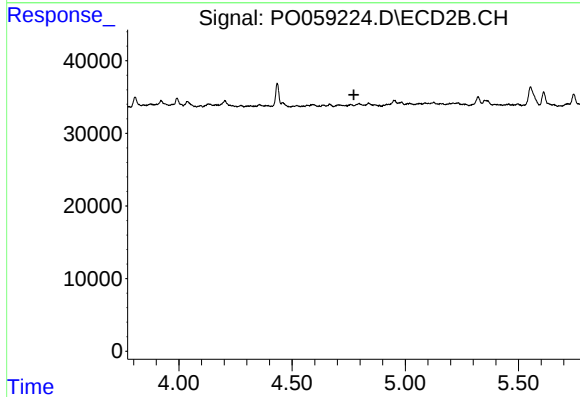
R.T.: 0.000 min
Exp R.T. : 4.600 min
Response: 0
Conc: N.D.



#18 AR-1242-3

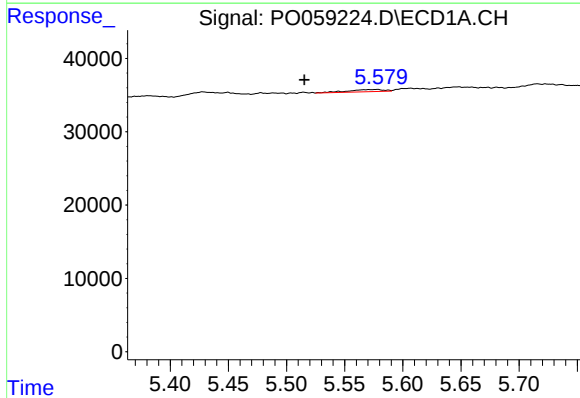
R.T.: 5.428 min
Delta R.T.: 0.012 min
Response: 7895
Conc: 6.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
HR-05-080919-C



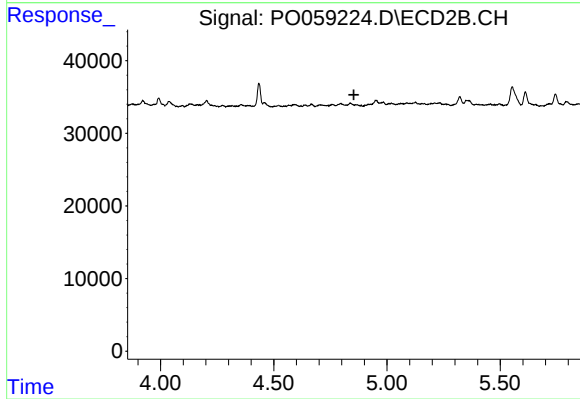
#18 AR-1242-3

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



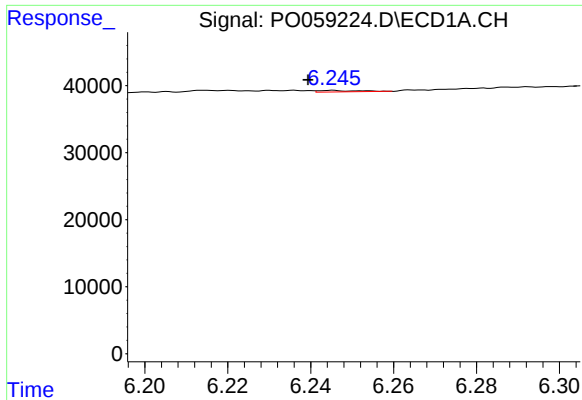
#19 AR-1242-4

R.T.: 5.578 min
Delta R.T.: 0.062 min
Response: 6366
Conc: 6.62 ng/ml



#19 AR-1242-4

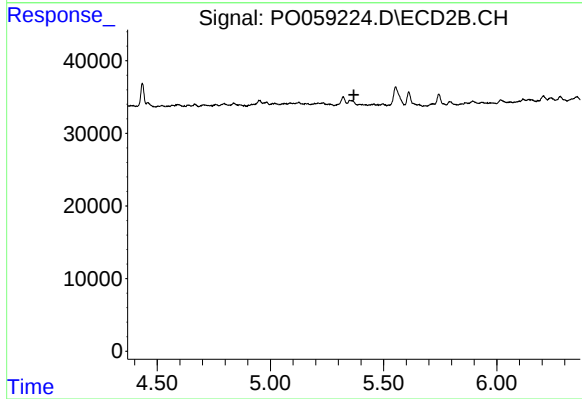
R.T.: 0.000 min
Exp R.T. : 4.854 min
Response: 0
Conc: N.D.



#20 AR-1242-5

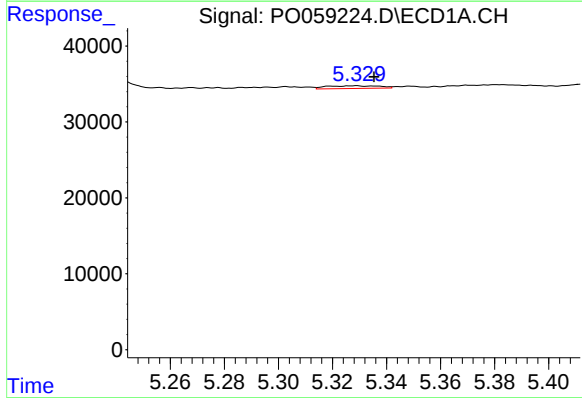
R.T.: 6.245 min
Delta R.T.: 0.005 min
Response: 1478
Conc: 1.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
HR-05-080919-C



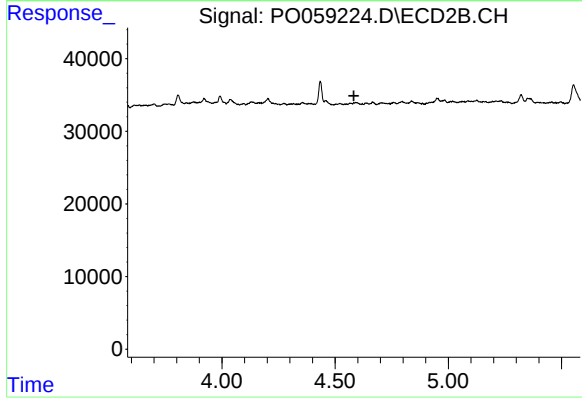
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 5.368 min
Response: 0
Conc: N.D.



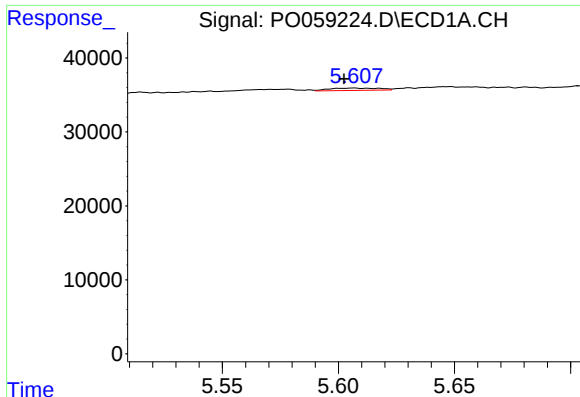
#21 AR-1248-1

R.T.: 5.328 min
Delta R.T.: -0.007 min
Response: 4896
Conc: 4.84 ng/ml



#21 AR-1248-1

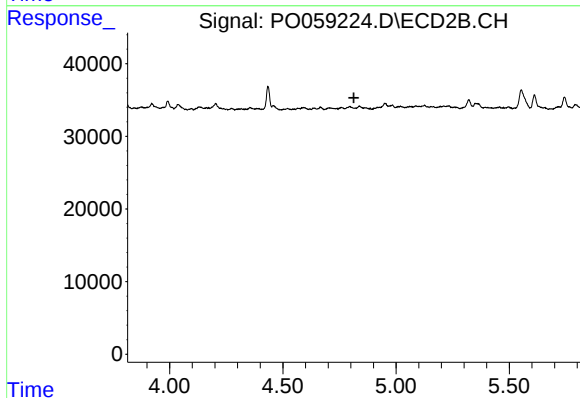
R.T.: 0.000 min
Exp R.T. : 4.583 min
Response: 0
Conc: N.D.



#22 AR-1248-2

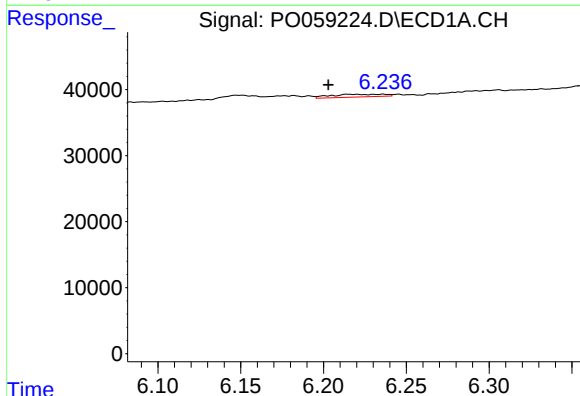
R.T.: 5.607 min
Delta R.T.: 0.004 min
Response: 4754
Conc: 3.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
HR-05-080919-C



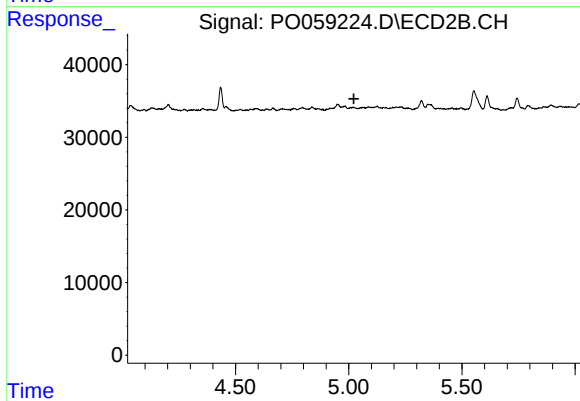
#22 AR-1248-2

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



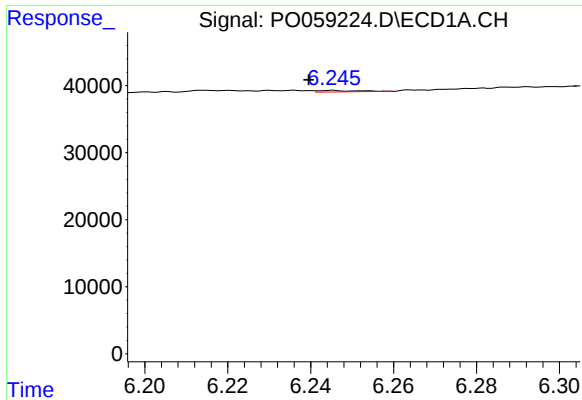
#24 AR-1248-4

R.T.: 6.215 min
Delta R.T.: 0.012 min
Response: 9285
Conc: 4.58 ng/ml



#24 AR-1248-4

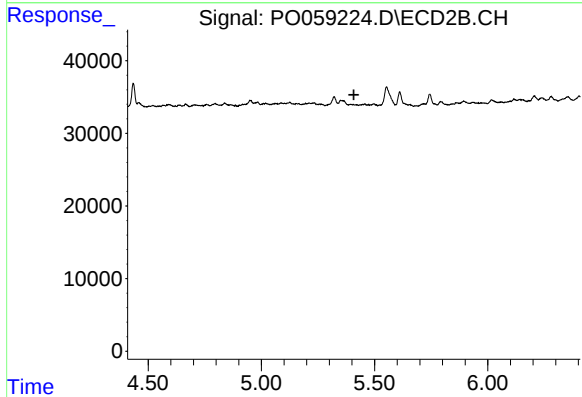
R.T.: 0.000 min
Exp R.T. : 5.023 min
Response: 0
Conc: N.D.



#25 AR-1248-5

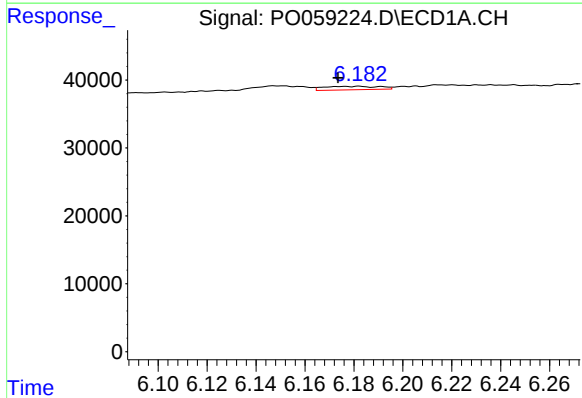
R.T.: 6.245 min
Delta R.T.: 0.005 min
Response: 1478
Conc: 0.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
HR-05-080919-C



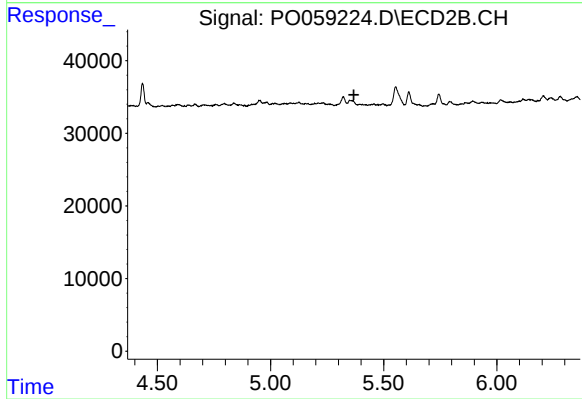
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 5.409 min
Response: 0
Conc: N.D.



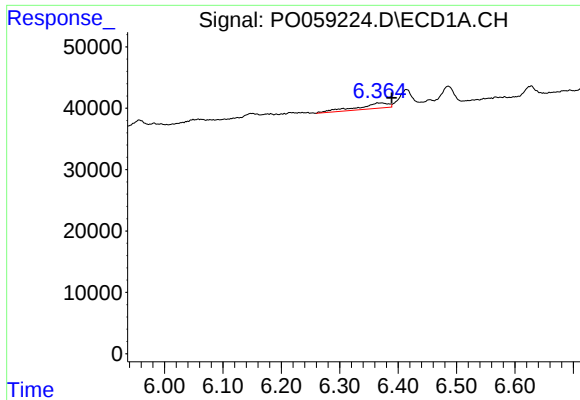
#26 AR-1254-1

R.T.: 6.182 min
Delta R.T.: 0.009 min
Response: 8058
Conc: 3.41 ng/ml



#26 AR-1254-1

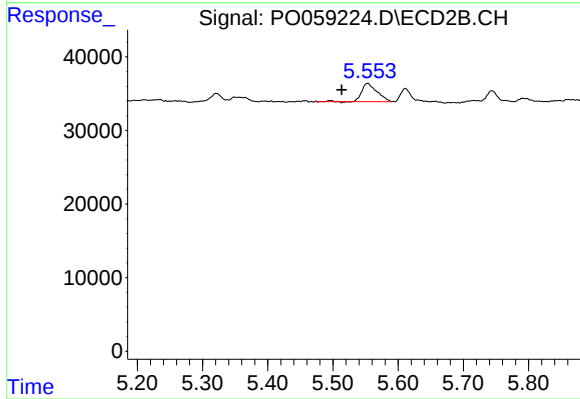
R.T.: 0.000 min
Exp R.T. : 5.368 min
Response: 0
Conc: N.D.



#27 AR-1254-2

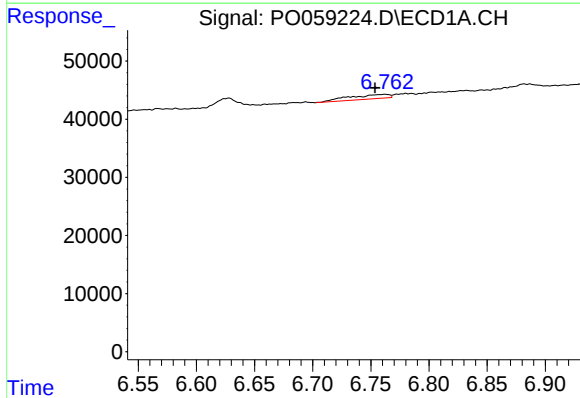
R.T.: 6.365 min
Delta R.T.: -0.024 min
Response: 32890
Conc: 8.53 ng/ml

Instrument :
ECD_O
ClientSampleId :
HR-05-080919-C



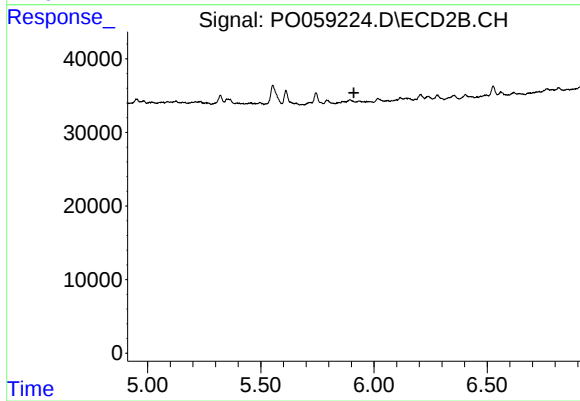
#27 AR-1254-2

R.T.: 5.553 min
Delta R.T.: 0.039 min
Response: 40482
Conc: 17.68 ng/ml



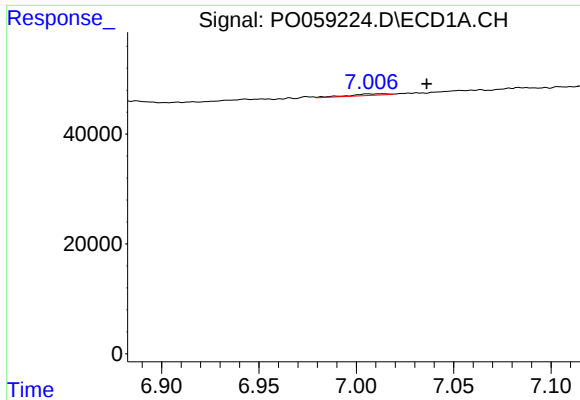
#28 AR-1254-3

R.T.: 6.763 min
Delta R.T.: 0.009 min
Response: 18191
Conc: 4.49 ng/ml



#28 AR-1254-3

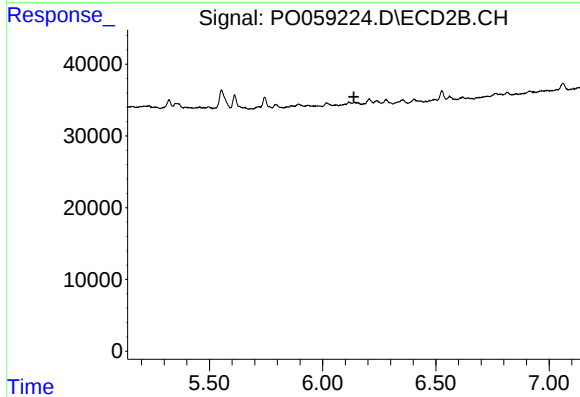
R.T.: 0.000 min
Exp R.T.: 5.911 min
Response: 0
Conc: N.D.



#29 AR-1254-4

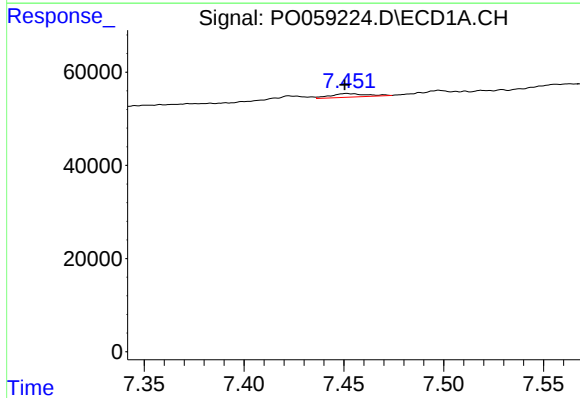
R.T.: 7.013 min
Delta R.T.: -0.023 min
Response: 3880
Conc: 1.08 ng/ml

Instrument :
ECD_O
ClientSampleId :
HR-05-080919-C



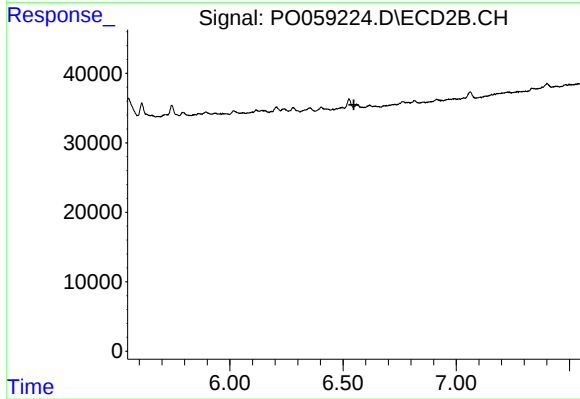
#29 AR-1254-4

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



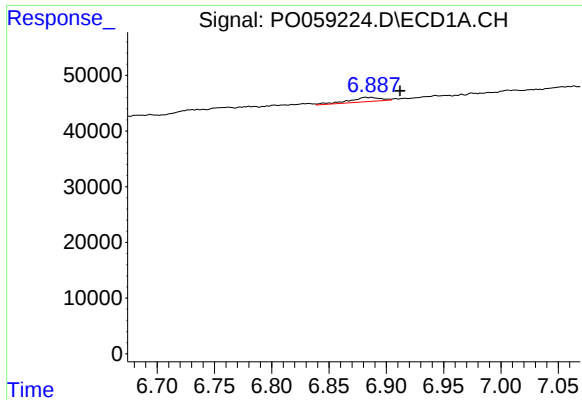
#30 AR-1254-5

R.T.: 7.452 min
Delta R.T.: 0.001 min
Response: 9723
Conc: 2.68 ng/ml



#30 AR-1254-5

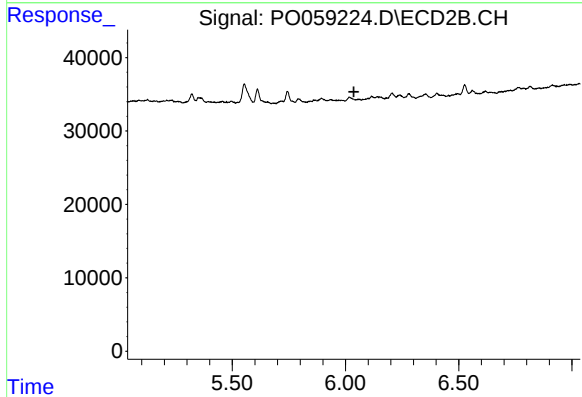
R.T.: 0.000 min
Exp R.T. : 6.548 min
Response: 0
Conc: N.D.



#31 AR-1260-1

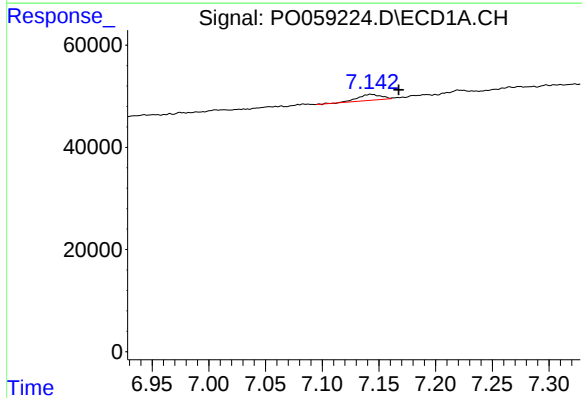
R.T.: 6.882 min
Delta R.T.: -0.030 min
Response: 15104
Conc: 5.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
HR-05-080919-C



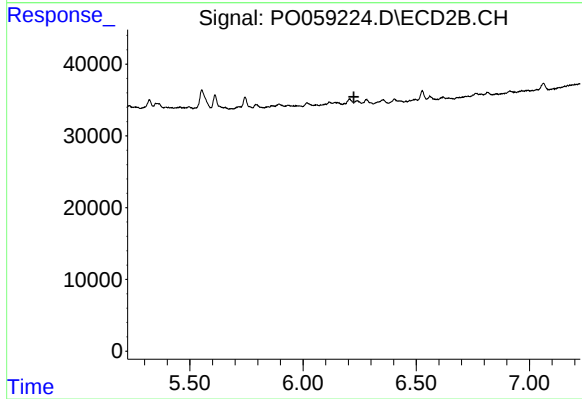
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 6.037 min
Response: 0
Conc: N.D.



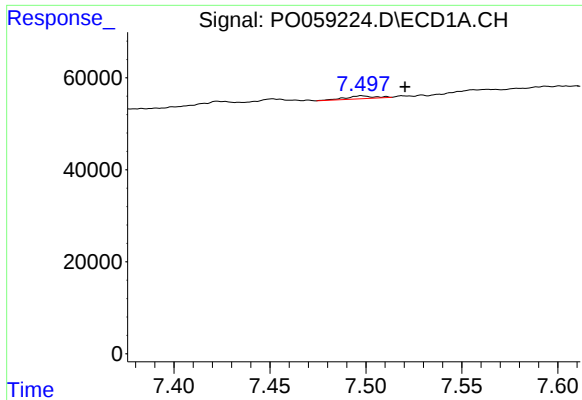
#32 AR-1260-2

R.T.: 7.143 min
Delta R.T.: -0.024 min
Response: 16239
Conc: 3.90 ng/ml



#32 AR-1260-2

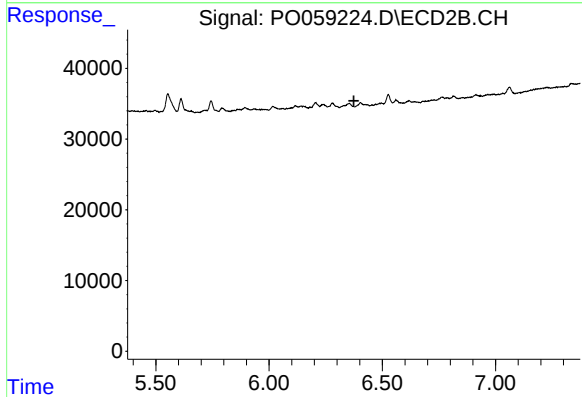
R.T.: 0.000 min
Exp R.T. : 6.225 min
Response: 0
Conc: N.D.



#33 AR-1260-3

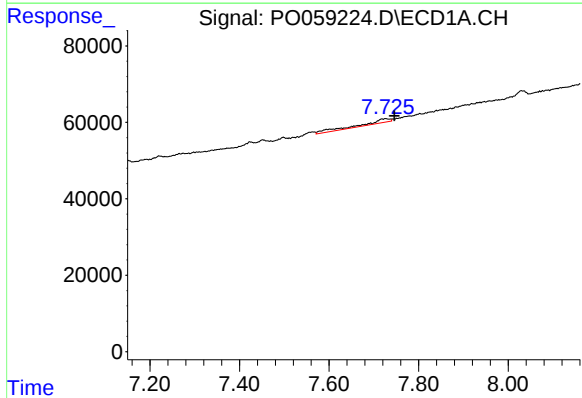
R.T.: 7.498 min
Delta R.T.: -0.023 min
Response: 6243
Conc: 1.68 ng/ml

Instrument :
ECD_O
ClientSampleId :
HR-05-080919-C



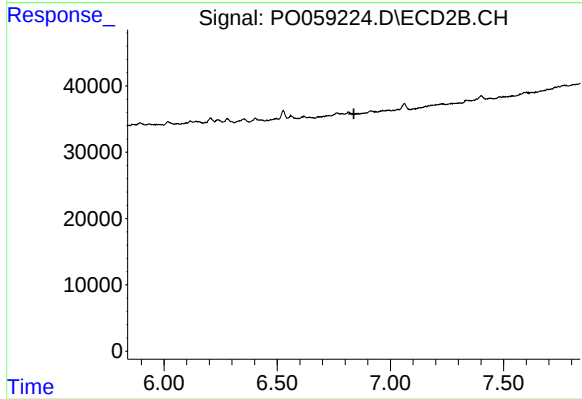
#33 AR-1260-3

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



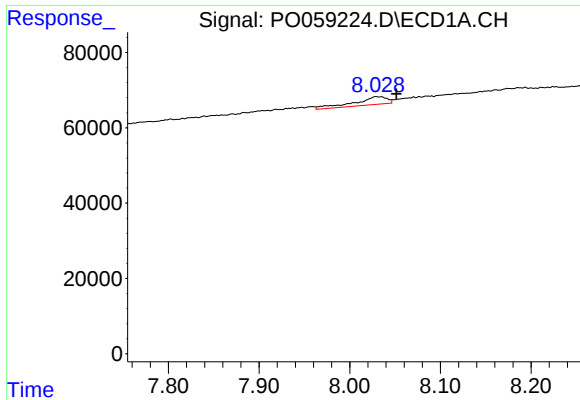
#34 AR-1260-4

R.T.: 7.726 min
Delta R.T.: -0.020 min
Response: 48112
Conc: 14.12 ng/ml



#34 AR-1260-4

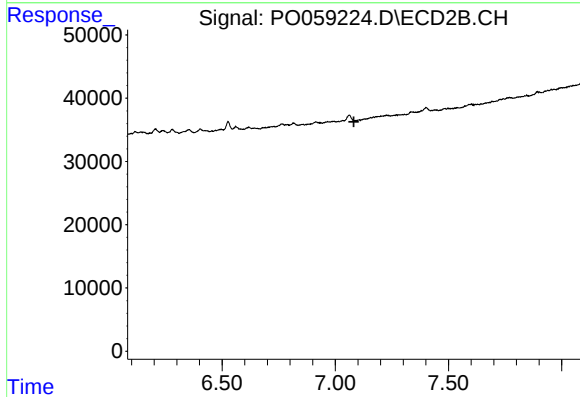
R.T.: 0.000 min
Exp R.T. : 6.839 min
Response: 0
Conc: N.D.



#35 AR-1260-5

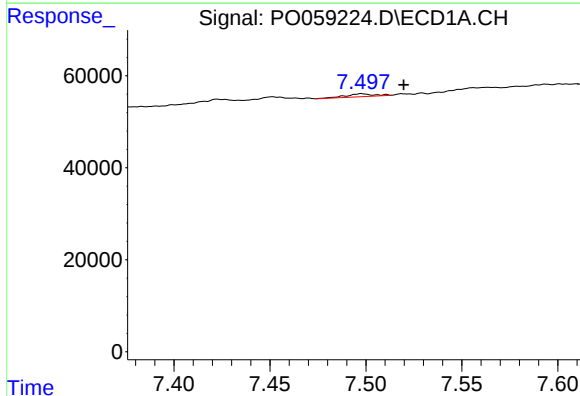
R.T.: 8.029 min
Delta R.T.: -0.022 min
Response: 52076
Conc: 7.08 ng/ml

Instrument :
ECD_O
ClientSampleId :
HR-05-080919-C



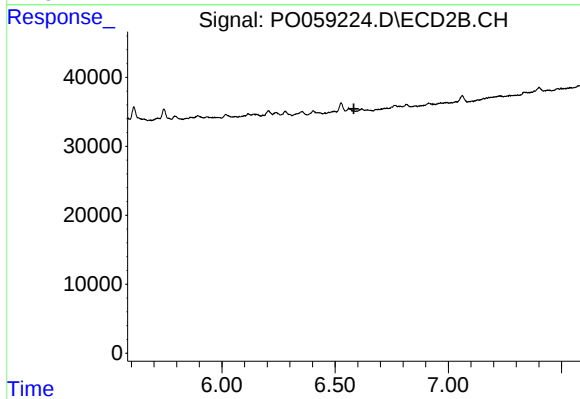
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 7.082 min
Response: 0
Conc: N.D.



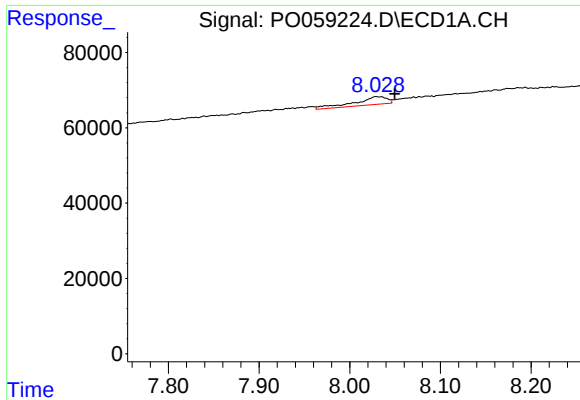
#36 AR-1262-1

R.T.: 7.498 min
Delta R.T.: -0.022 min
Response: 6243
Conc: 1.24 ng/ml



#36 AR-1262-1

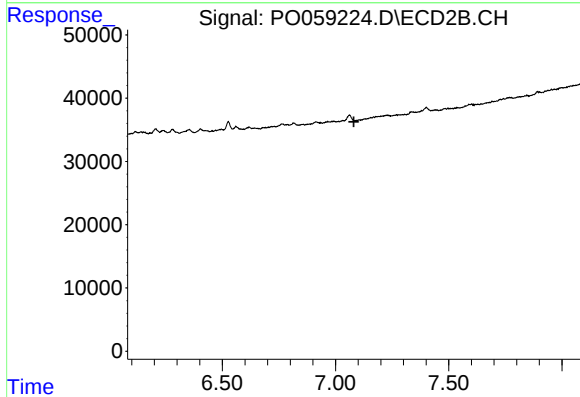
R.T.: 0.000 min
Exp R.T. : 6.583 min
Response: 0
Conc: N.D.



#37 AR-1262-2

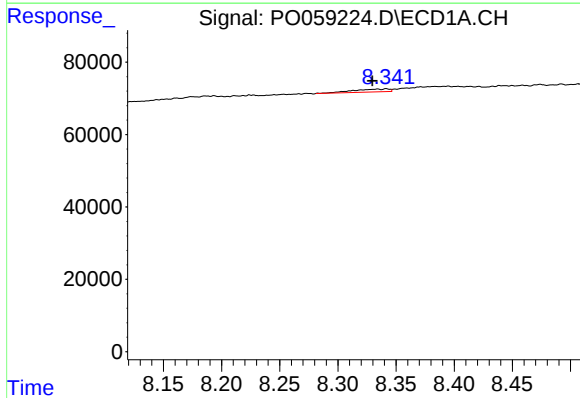
R.T.: 8.029 min
Delta R.T.: -0.020 min
Response: 52076
Conc: 6.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
HR-05-080919-C



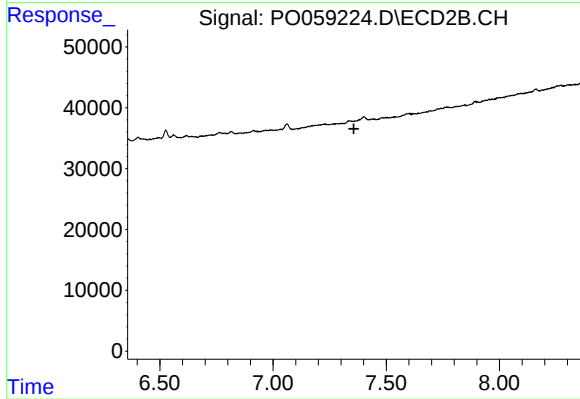
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 7.082 min
Response: 0
Conc: N.D.



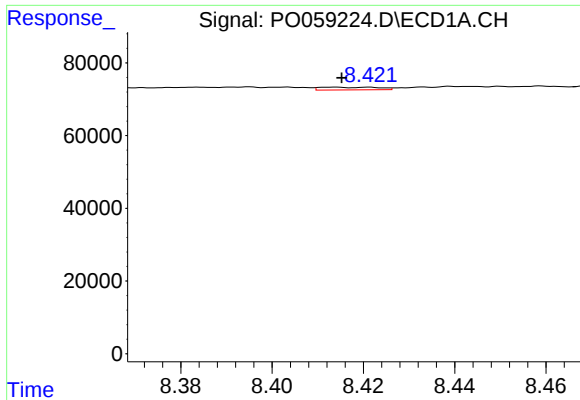
#38 AR-1262-3

R.T.: 8.342 min
Delta R.T.: 0.012 min
Response: 17020
Conc: 3.35 ng/ml



#38 AR-1262-3

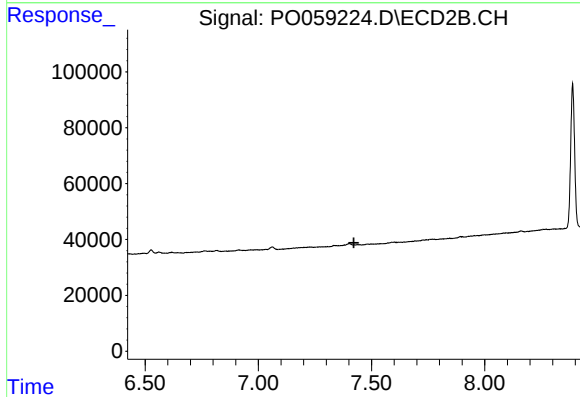
R.T.: 0.000 min
Exp R.T. : 7.357 min
Response: 0
Conc: N.D.



#39 AR-1262-4

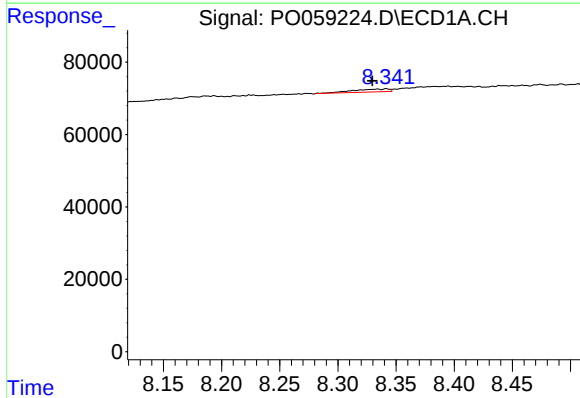
R.T.: 8.413 min
Delta R.T.: -0.002 min
Response: 6594
Conc: 1.74 ng/ml

Instrument :
ECD_O
ClientSampleId :
HR-05-080919-C



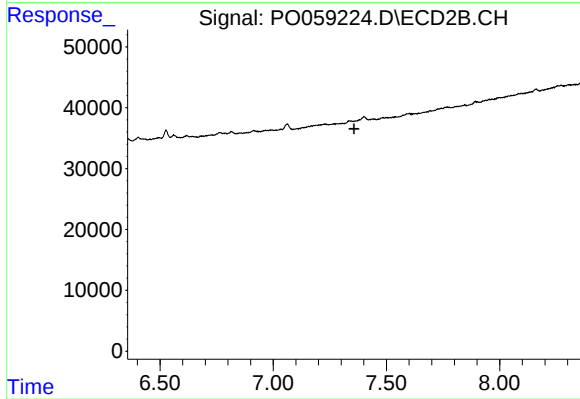
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 7.422 min
Response: 0
Conc: N.D.



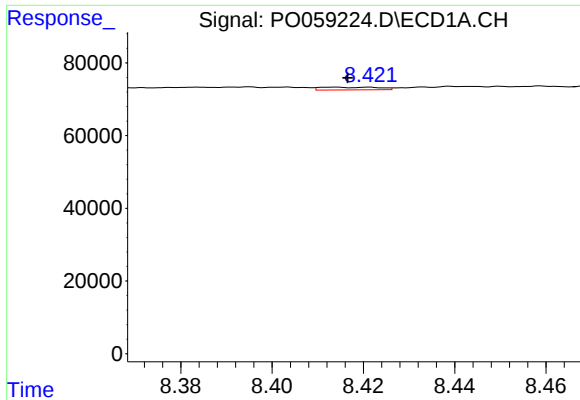
#41 AR-1268-1

R.T.: 8.342 min
Delta R.T.: 0.012 min
Response: 17020
Conc: 1.52 ng/ml



#41 AR-1268-1

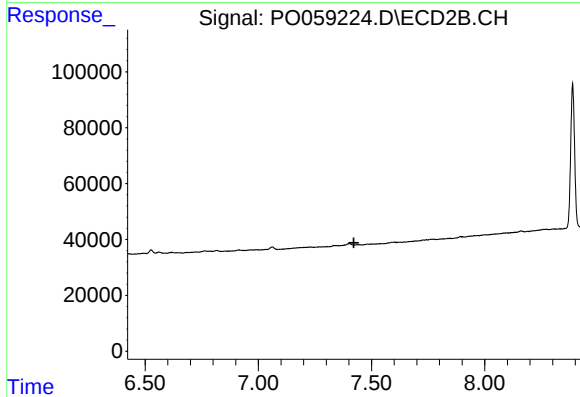
R.T.: 0.000 min
Exp R.T. : 7.357 min
Response: 0
Conc: N.D.



#42 AR-1268-2

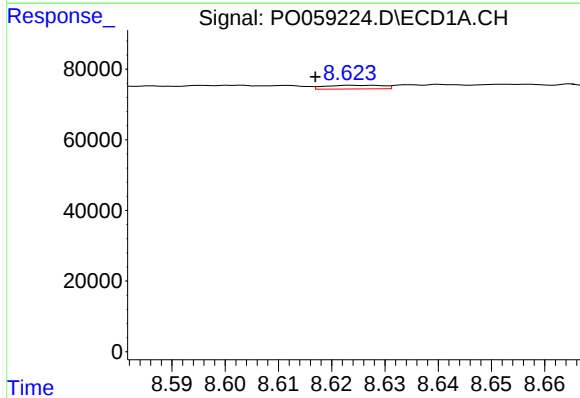
R.T.: 8.413 min
Delta R.T.: -0.003 min
Response: 6594
Conc: 0.70 ng/ml

Instrument :
ECD_O
ClientSampleId :
HR-05-080919-C



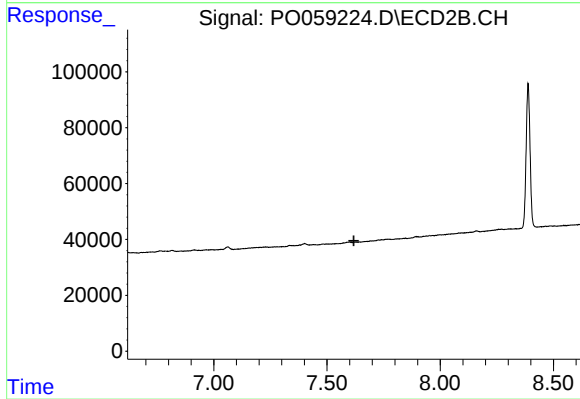
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 7.422 min
Response: 0
Conc: N.D.



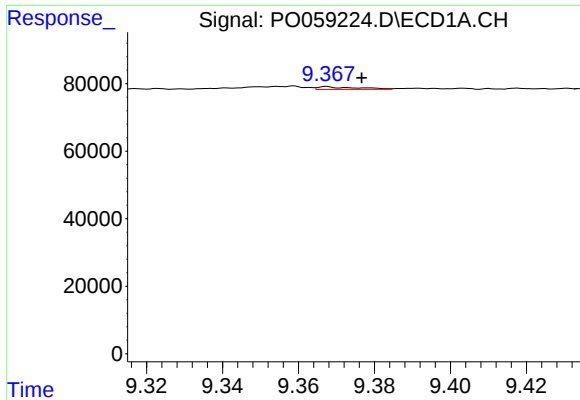
#43 AR-1268-3

R.T.: 8.625 min
Delta R.T.: 0.008 min
Response: 7774
Conc: 0.94 ng/ml



#43 AR-1268-3

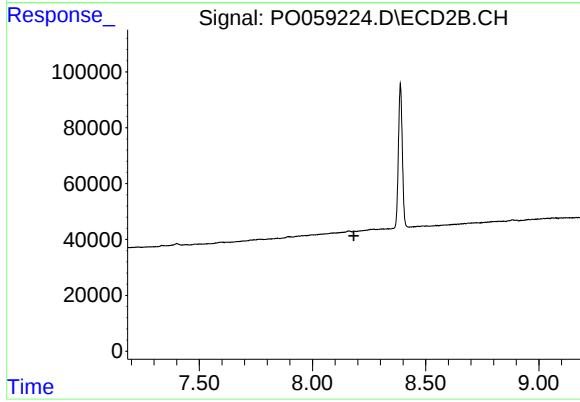
R.T.: 0.000 min
Exp R.T. : 7.619 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.367 min
Delta R.T.: -0.009 min
Response: 5702
Conc: 0.27 ng/ml

Instrument :
ECD_O
ClientSampleId :
HR-05-080919-C



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.183 min
Response: 0
Conc: N.D.