

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0081419\
 Data File : P0059309.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 14 Aug 2019 23:05
 Operator : SM/SJ
 Sample : K4325-02
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 15 09:30:14 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0072819.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 14 09:07:26 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...	4.145	3.510	1025317	927489	24.295	23.216
2)	SA Decachlor...	9.697	8.383	2985	821489	0.055	20.811 #
Target Compounds							
3)	L1 AR-1016-1	5.341	0.000	452	0	0.241	N.D. #
4)	L1 AR-1016-2	5.372	0.000	4245	0	1.543	N.D. #
5)	L1 AR-1016-3	5.412	0.000	7936	0	4.674	N.D. #
6)	L1 AR-1016-4	5.566	0.000	3385	0	2.420	N.D. #
7)	L1 AR-1016-5	5.854	0.000	4356	0	3.041	N.D. #
8)	L2 AR-1221-1	4.447	0.000	12674	0	27.900	N.D. #
9)	L2 AR-1221-2	4.447	0.000	12674	0	36.760	N.D. #
10)	L2 AR-1221-3	4.596	0.000	3896	0	3.553	N.D. #
11)	L3 AR-1232-1	4.596	0.000	3896	0	4.316	N.D. #
12)	L3 AR-1232-2	5.050	0.000	3244	0	6.594	N.D. #
13)	L3 AR-1232-3	5.372	0.000	4245	0	3.964	N.D. #
14)	L3 AR-1232-4	5.566	0.000	3385	0	6.350	N.D. #
15)	L3 AR-1232-5	5.611	0.000	2115	0	5.183	N.D. #
16)	L4 AR-1242-1	5.341	0.000	452	0	0.353	N.D. #
17)	L4 AR-1242-2	5.341	0.000	452	0	0.239	N.D. #
18)	L4 AR-1242-3	5.412	0.000	7936	0	6.765	N.D. #
19)	L4 AR-1242-4	5.566	0.000	3385	0	3.523	N.D. #
20)	L4 AR-1242-5	6.293	0.000	8858	0	7.542	N.D. #
21)	L5 AR-1248-1	5.341	0.000	452	0	0.447	N.D. #
22)	L5 AR-1248-2	5.611	0.000	2115	0	1.463	N.D. #
23)	L5 AR-1248-3	5.854	0.000	4356	0	2.652	N.D. #
24)	L5 AR-1248-4	6.151	0.000	4417	0	2.181	N.D. #
25)	L5 AR-1248-5	6.293	0.000	8858	0	4.589	N.D. #
26)	L6 AR-1254-1	6.151	0.000	4417	0	1.871	N.D. #
27)	L6 AR-1254-2	6.401	0.000	18900	0	4.904	N.D. #
28)	L6 AR-1254-3	6.725	0.000	7616	0	1.881	N.D. #
29)	L6 AR-1254-4	7.059	0.000	14958	0	4.154	N.D. #
30)	L6 AR-1254-5	7.498	0.000	11260	0	3.106	N.D. #
31)	L7 AR-1260-1	6.897	0.000	1724	0	0.599	N.D. #
32)	L7 AR-1260-2	7.171	0.000	3308	0	0.795	N.D. #
33)	L7 AR-1260-3	7.498	0.000	11260	0	3.024	N.D. #
35)	L7 AR-1260-5	8.039	0.000	71994	0	9.789	N.D. #
36)	L8 AR-1262-1	7.498	0.000	11260	0	2.234	N.D. #
37)	L8 AR-1262-2	8.039	0.000	71994	0	9.045	N.D. #
38)	L8 AR-1262-3	8.334	0.000	8252	0	1.623	N.D. #
39)	L8 AR-1262-4	8.410	0.000	33070	0	8.727	N.D. #
40)	L8 AR-1262-5	9.031	0.000	2042	0	0.889	N.D. #
41)	L9 AR-1268-1	8.334	0.000	8252	0	0.739	N.D. #
42)	L9 AR-1268-2	8.410	0.000	33070	0	3.521	N.D. #

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 Acq On : 14 Aug 2019 23:05
 Operator : SM/SJ
 Sample : K4325-02
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 15 09:30:14 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0072819.M
 Quant Title : GC EXTRACTABLES
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 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	8.591	0.000	29853	0	3.615	N.D.	#
44)	L9 AR-1268-4	9.031	0.000	2042	0	0.683	N.D.	#
45)	L9 AR-1268-5	9.389	0.000	6790	0	0.316	N.D.	#

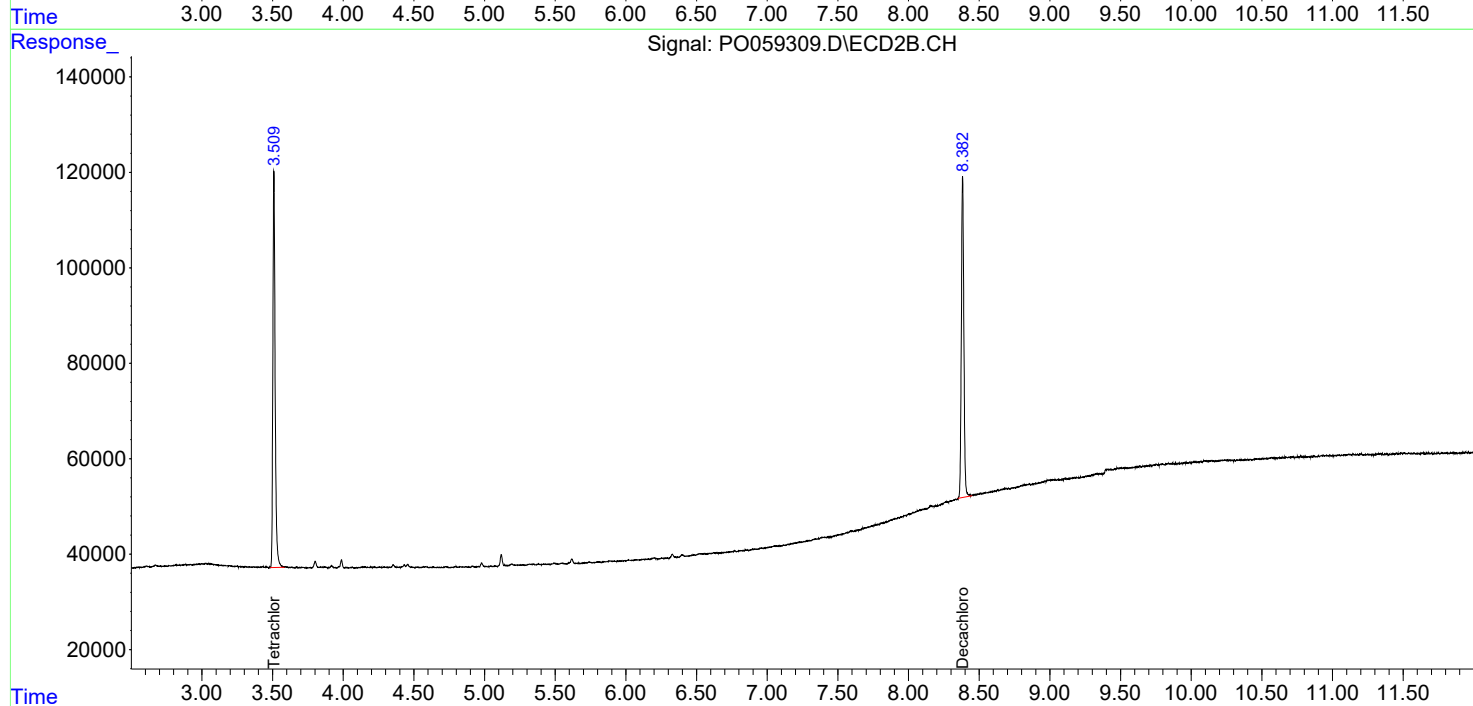
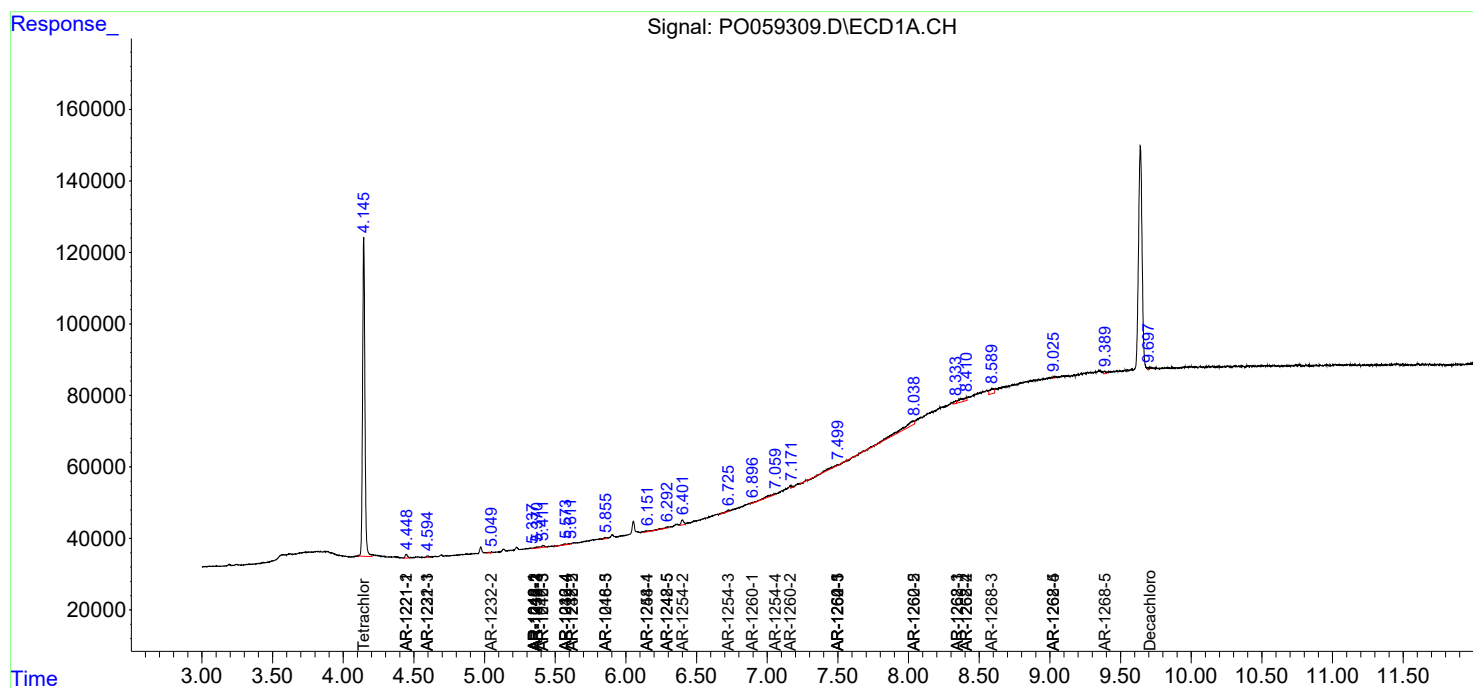
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

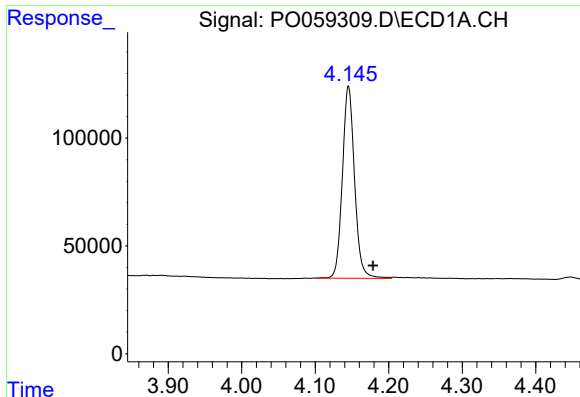
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081419\
Data File : PO059309.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 14 Aug 2019 23:05
Operator : SM/SJ
Sample : K4325-02
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampled :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 15 09:30:14 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072819.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 14 09:07:26 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

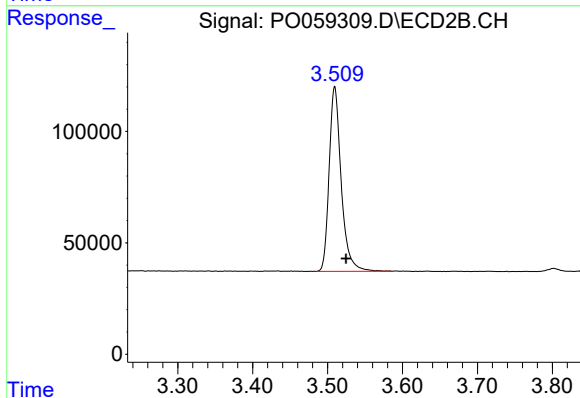




#1 Tetrachloro-m-xylene

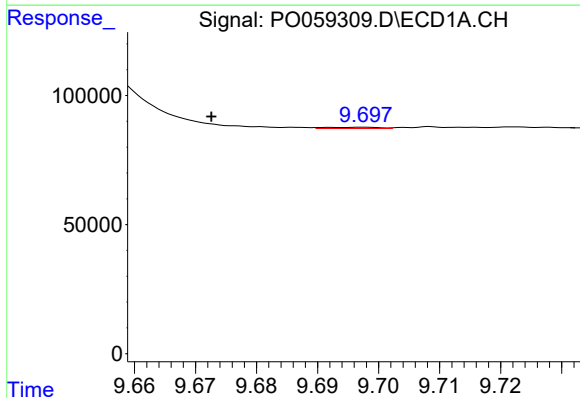
R.T.: 4.145 min
Delta R.T.: -0.034 min
Response: 1025317
Conc: 24.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



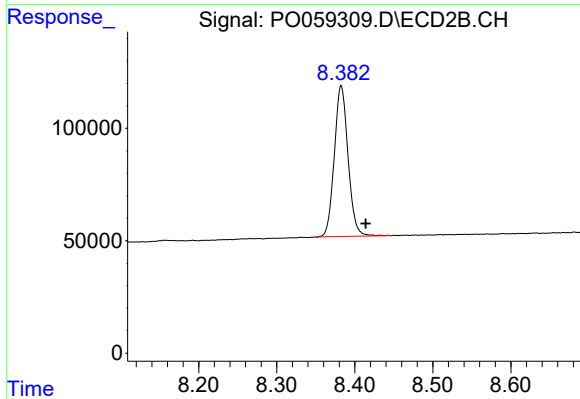
#1 Tetrachloro-m-xylene

R.T.: 3.510 min
Delta R.T.: -0.015 min
Response: 927489
Conc: 23.22 ng/ml



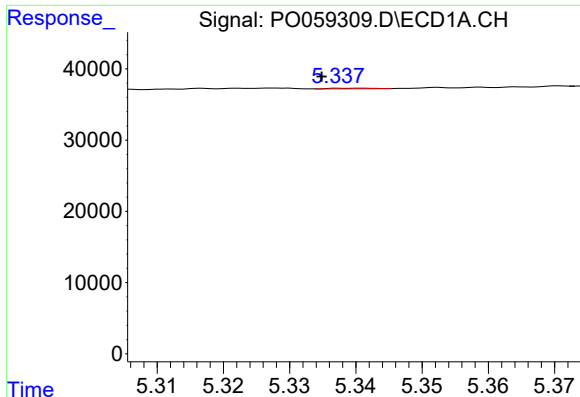
#2 Decachlorobiphenyl

R.T.: 9.697 min
Delta R.T.: 0.025 min
Response: 2985
Conc: 0.06 ng/ml



#2 Decachlorobiphenyl

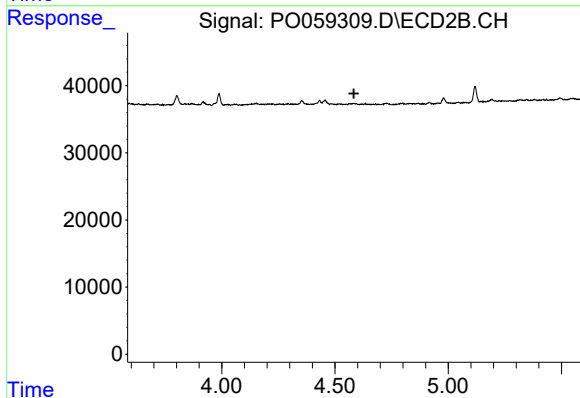
R.T.: 8.383 min
Delta R.T.: -0.031 min
Response: 821489
Conc: 20.81 ng/ml



#3 AR-1016-1

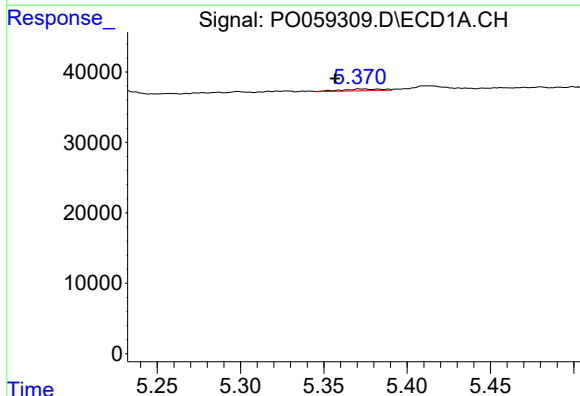
R.T.: 5.341 min
Delta R.T.: 0.006 min
Response: 452
Conc: 0.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



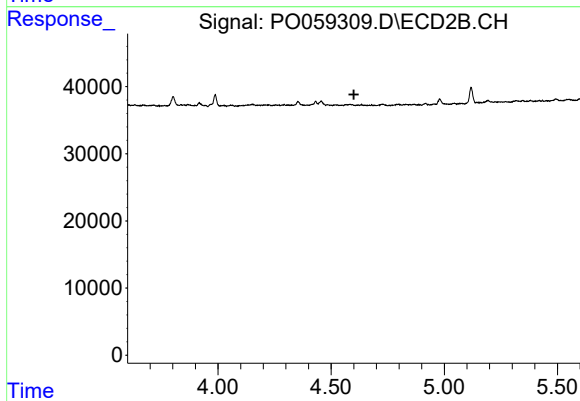
#3 AR-1016-1

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



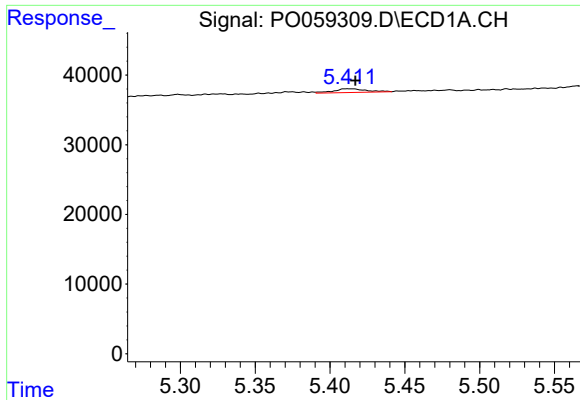
#4 AR-1016-2

R.T.: 5.372 min
Delta R.T.: 0.015 min
Response: 4245
Conc: 1.54 ng/ml



#4 AR-1016-2

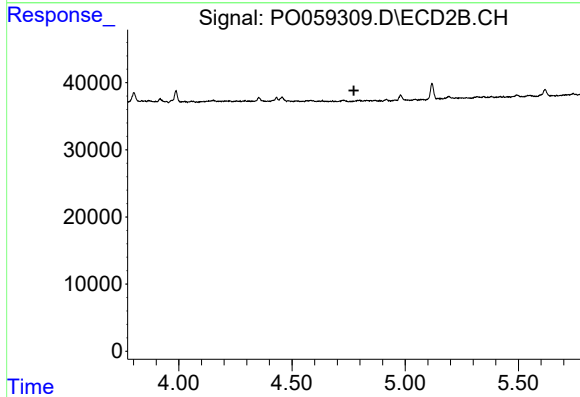
R.T.: 0.000 min
Exp R.T. : 4.601 min
Response: 0
Conc: N.D.



#5 AR-1016-3

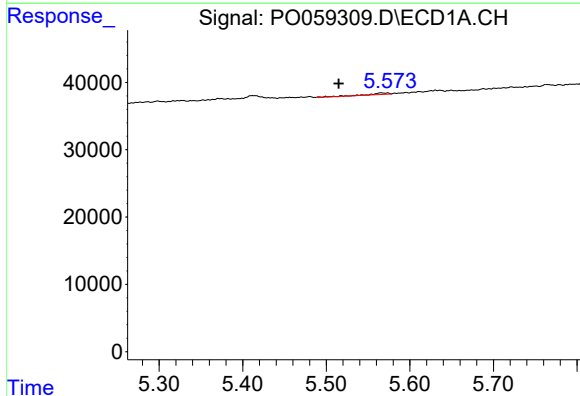
R.T.: 5.412 min
Delta R.T.: -0.005 min
Response: 7936
Conc: 4.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



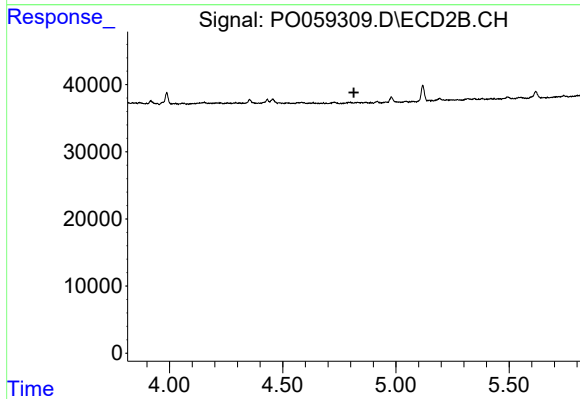
#5 AR-1016-3

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



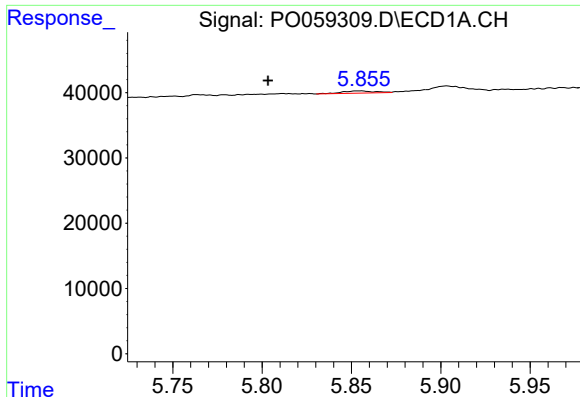
#6 AR-1016-4

R.T.: 5.566 min
Delta R.T.: 0.051 min
Response: 3385
Conc: 2.42 ng/ml



#6 AR-1016-4

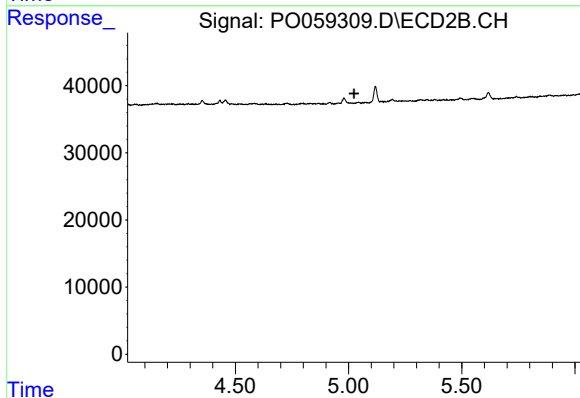
R.T.: 0.000 min
Exp R.T. : 4.815 min
Response: 0
Conc: N.D.



#7 AR-1016-5

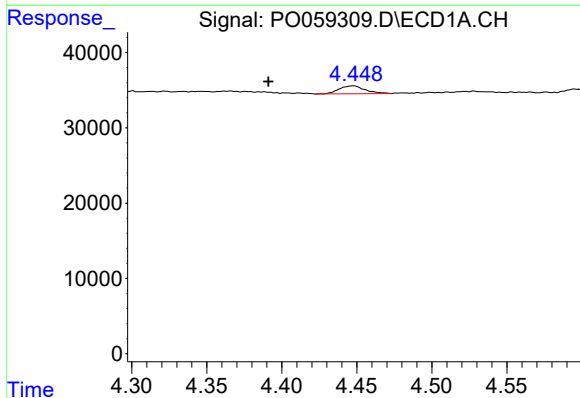
R.T.: 5.854 min
Delta R.T.: 0.051 min
Response: 4356
Conc: 3.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



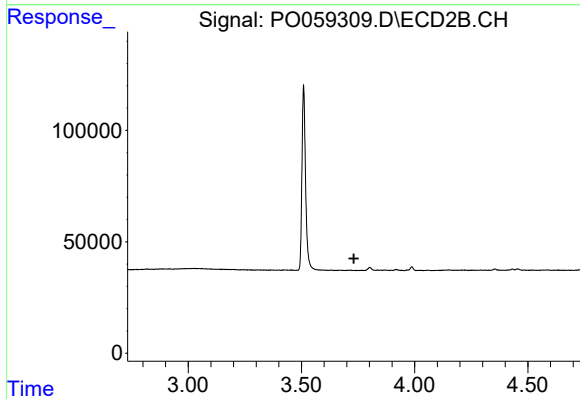
#7 AR-1016-5

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



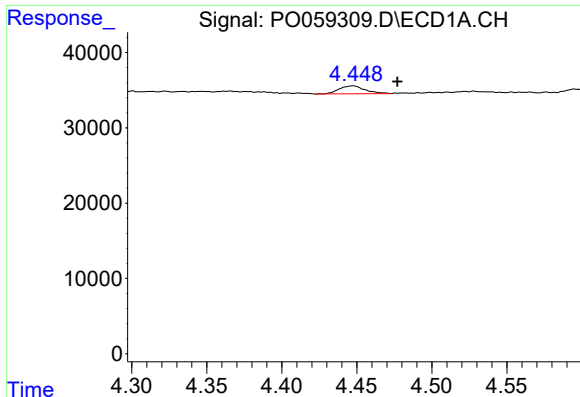
#8 AR-1221-1

R.T.: 4.447 min
Delta R.T.: 0.056 min
Response: 12674
Conc: 27.90 ng/ml



#8 AR-1221-1

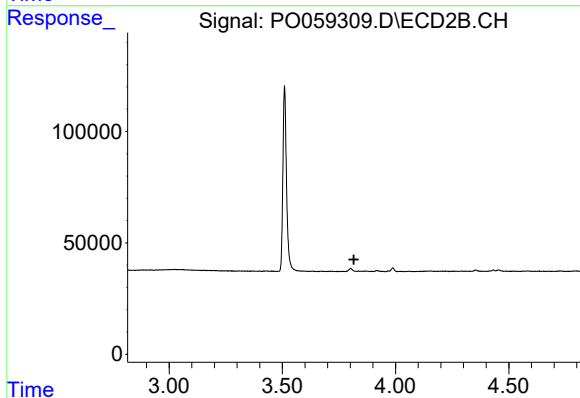
R.T.: 0.000 min
Exp R.T. : 3.732 min
Response: 0
Conc: N.D.



#9 AR-1221-2

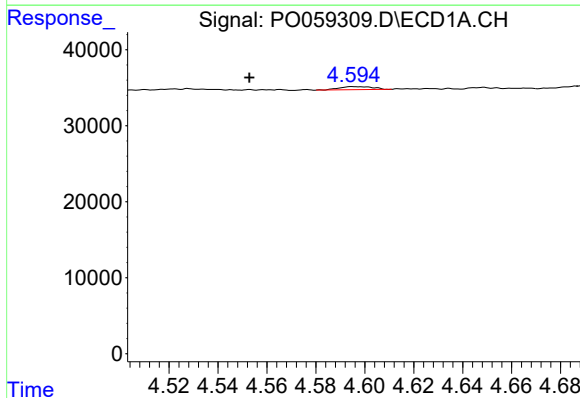
R.T.: 4.447 min
Delta R.T.: -0.030 min
Response: 12674
Conc: 36.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



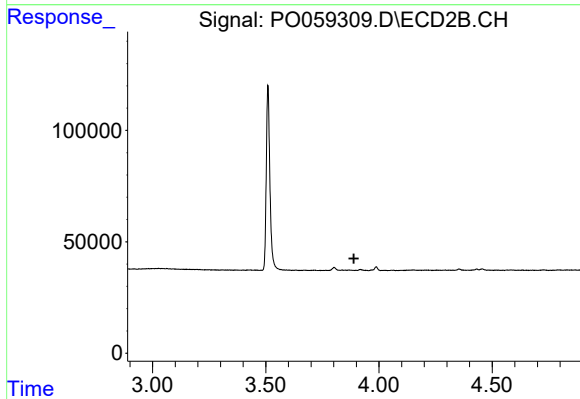
#9 AR-1221-2

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



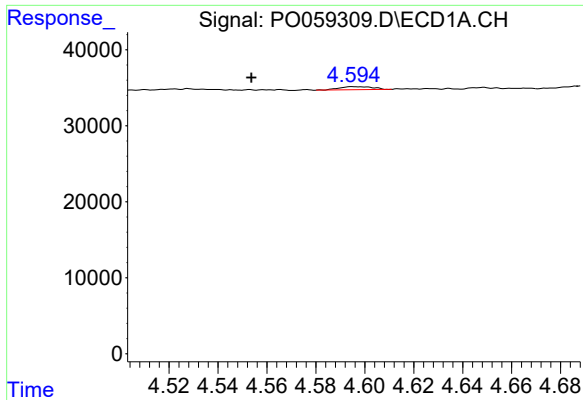
#10 AR-1221-3

R.T.: 4.596 min
Delta R.T.: 0.043 min
Response: 3896
Conc: 3.55 ng/ml



#10 AR-1221-3

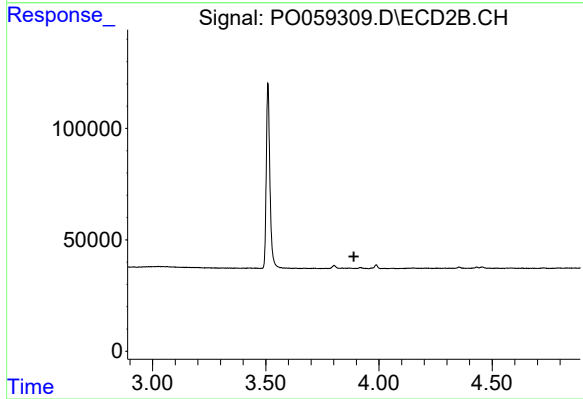
R.T.: 0.000 min
Exp R.T. : 3.889 min
Response: 0
Conc: N.D.



#11 AR-1232-1

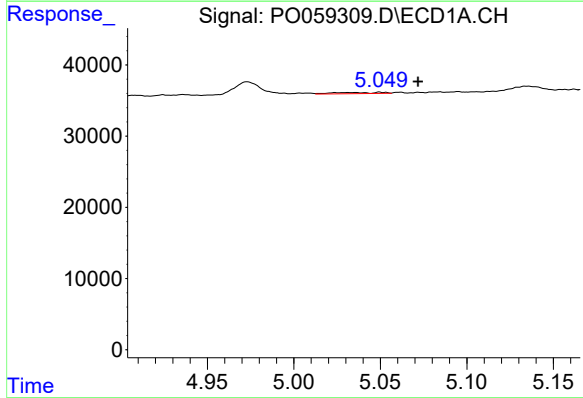
R.T.: 4.596 min
Delta R.T.: 0.042 min
Response: 3896
Conc: 4.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



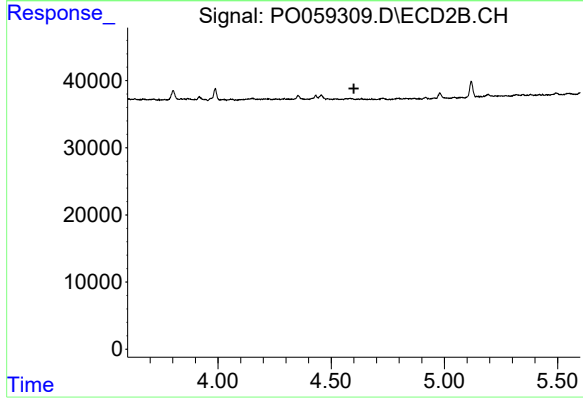
#11 AR-1232-1

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



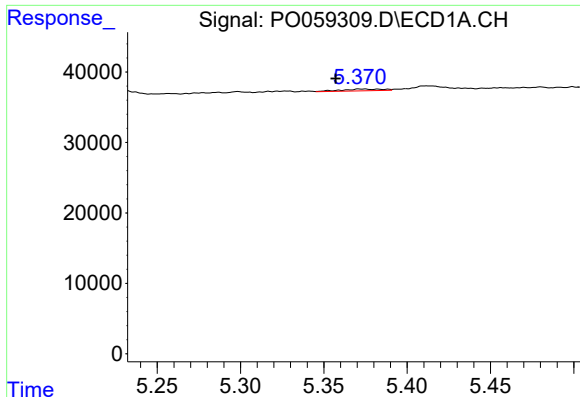
#12 AR-1232-2

R.T.: 5.050 min
Delta R.T.: -0.022 min
Response: 3244
Conc: 6.59 ng/ml



#12 AR-1232-2

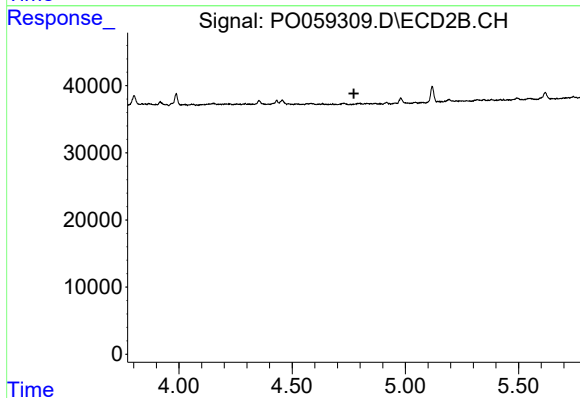
R.T.: 0.000 min
Exp R.T. : 4.600 min
Response: 0
Conc: N.D.



#13 AR-1232-3

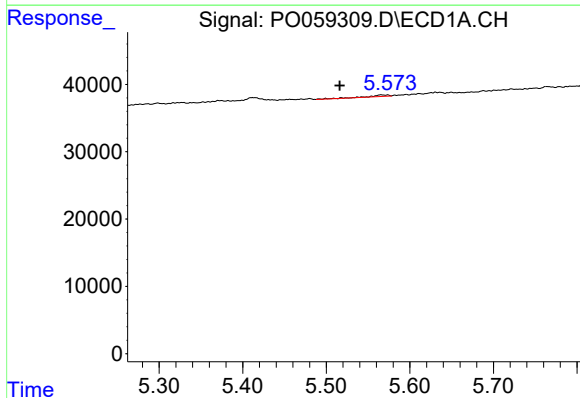
R.T.: 5.372 min
Delta R.T.: 0.015 min
Response: 4245
Conc: 3.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



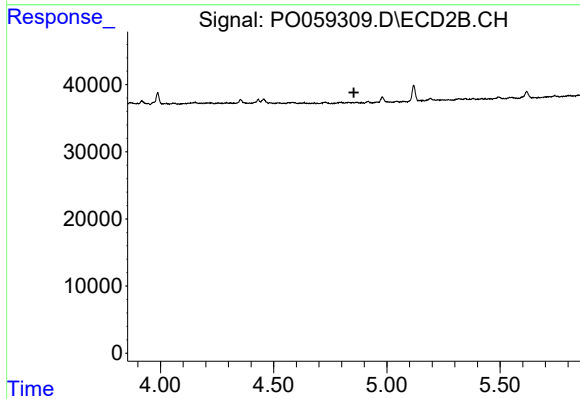
#13 AR-1232-3

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



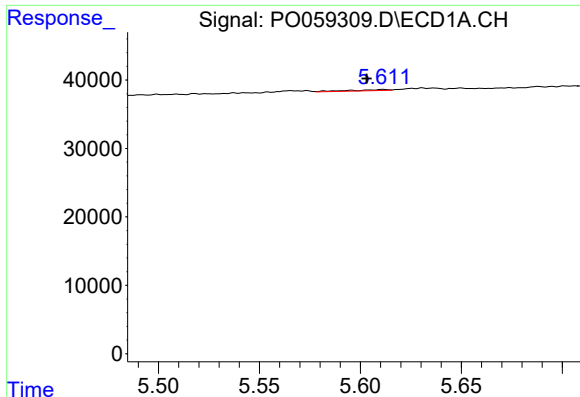
#14 AR-1232-4

R.T.: 5.566 min
Delta R.T.: 0.050 min
Response: 3385
Conc: 6.35 ng/ml



#14 AR-1232-4

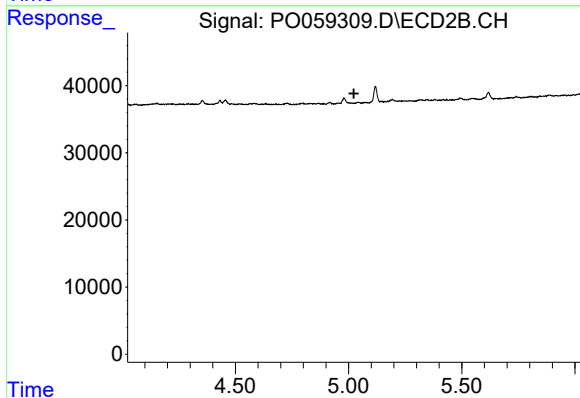
R.T.: 0.000 min
Exp R.T. : 4.854 min
Response: 0
Conc: N.D.



#15 AR-1232-5

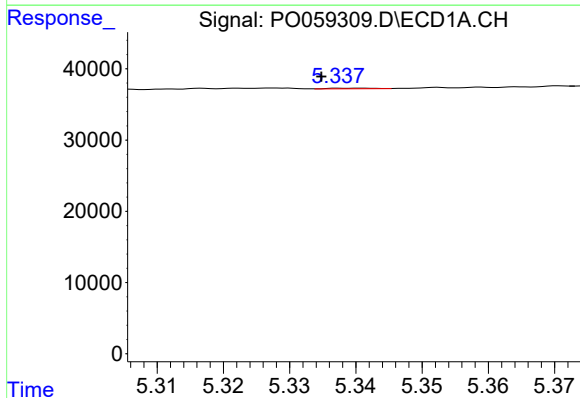
R.T.: 5.611 min
Delta R.T.: 0.008 min
Response: 2115
Conc: 5.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



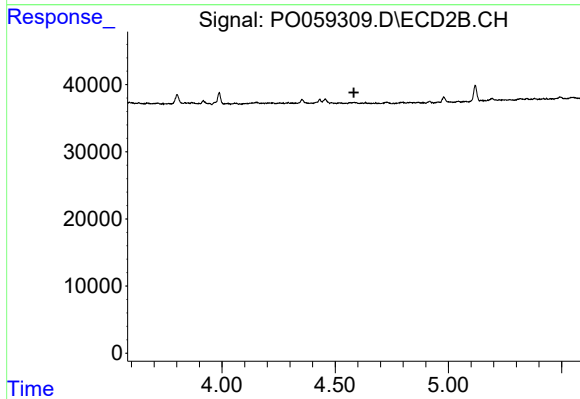
#15 AR-1232-5

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



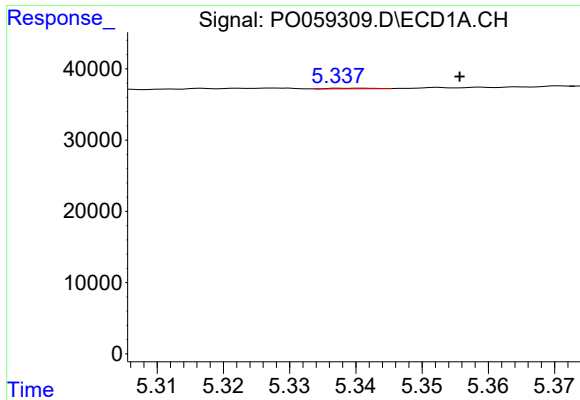
#16 AR-1242-1

R.T.: 5.341 min
Delta R.T.: 0.006 min
Response: 452
Conc: 0.35 ng/ml



#16 AR-1242-1

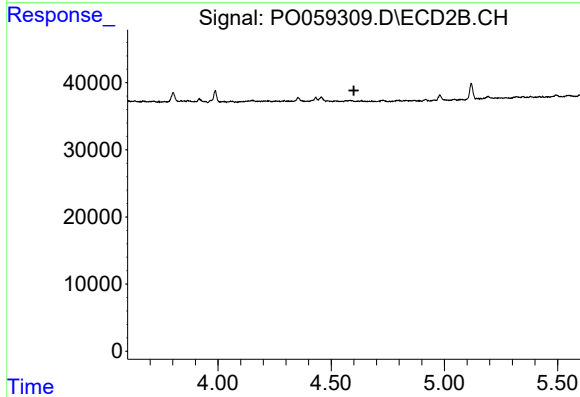
R.T.: 0.000 min
Exp R.T. : 4.583 min
Response: 0
Conc: N.D.



#17 AR-1242-2

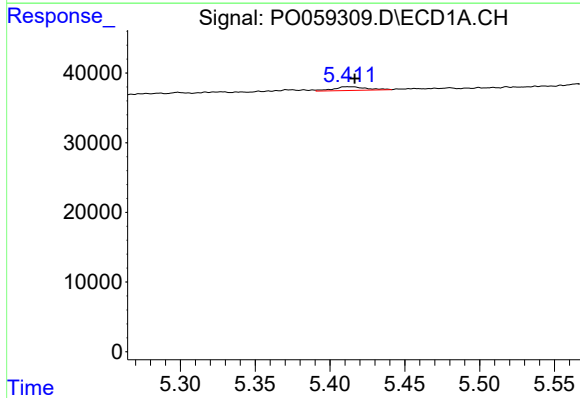
R.T.: 5.341 min
Delta R.T.: -0.015 min
Response: 452
Conc: 0.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



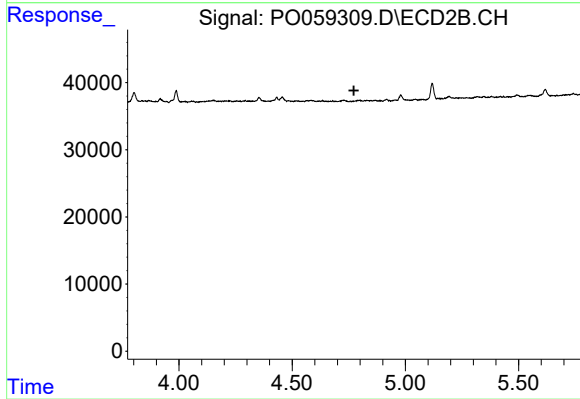
#17 AR-1242-2

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



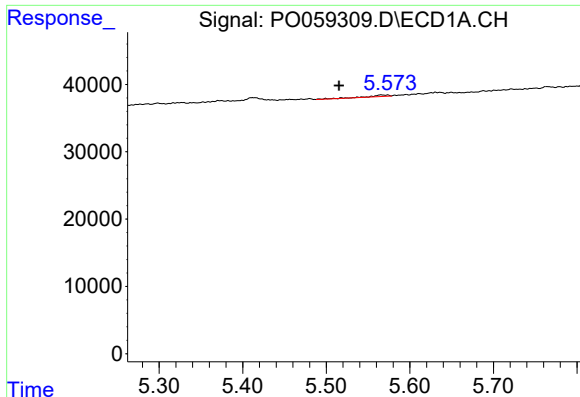
#18 AR-1242-3

R.T.: 5.412 min
Delta R.T.: -0.005 min
Response: 7936
Conc: 6.77 ng/ml



#18 AR-1242-3

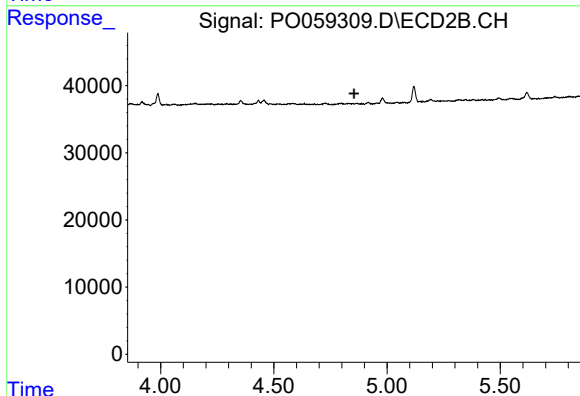
R.T.: 0.000 min
Exp R.T. : 4.773 min
Response: 0
Conc: N.D.



#19 AR-1242-4

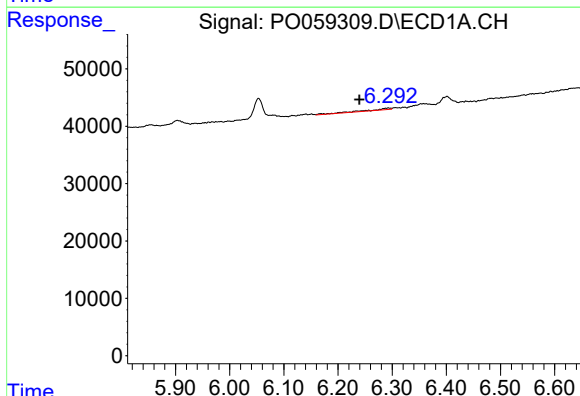
R.T.: 5.566 min
Delta R.T.: 0.051 min
Response: 3385
Conc: 3.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



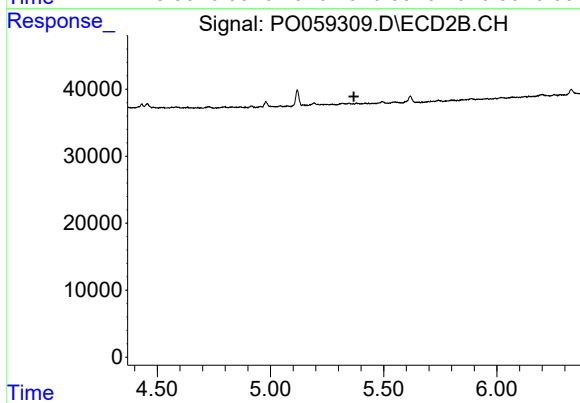
#19 AR-1242-4

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



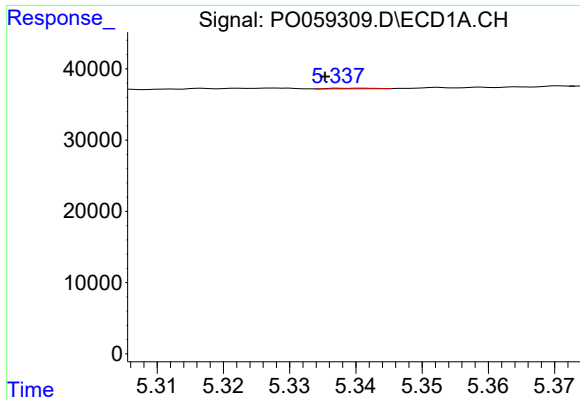
#20 AR-1242-5

R.T.: 6.293 min
Delta R.T.: 0.054 min
Response: 8858
Conc: 7.54 ng/ml



#20 AR-1242-5

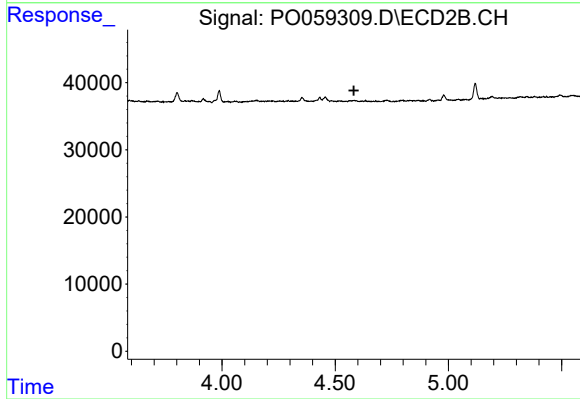
R.T.: 0.000 min
Exp R.T. : 5.368 min
Response: 0
Conc: N.D.



#21 AR-1248-1

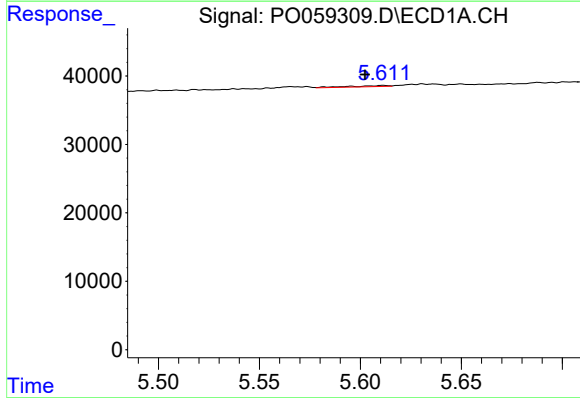
R.T.: 5.341 min
Delta R.T.: 0.005 min
Response: 452
Conc: 0.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



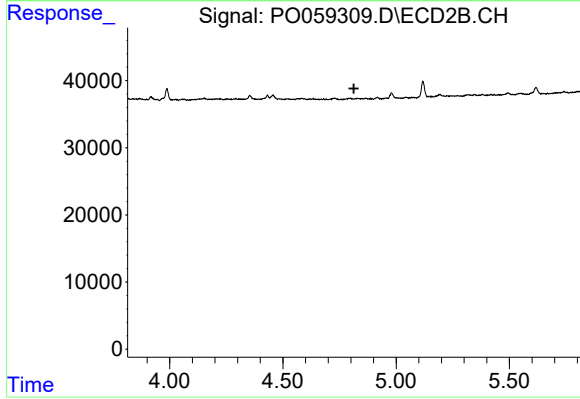
#21 AR-1248-1

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



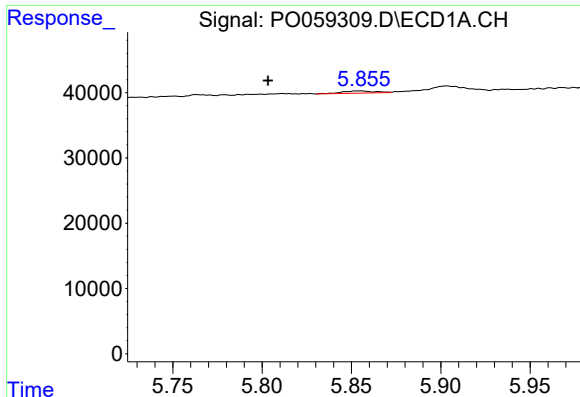
#22 AR-1248-2

R.T.: 5.611 min
Delta R.T.: 0.009 min
Response: 2115
Conc: 1.46 ng/ml



#22 AR-1248-2

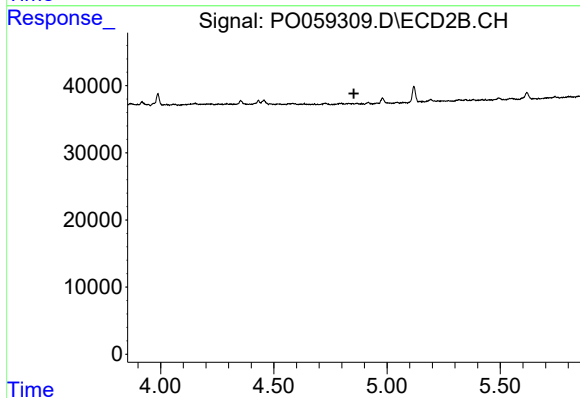
R.T.: 0.000 min
Exp R.T. : 4.814 min
Response: 0
Conc: N.D.



#23 AR-1248-3

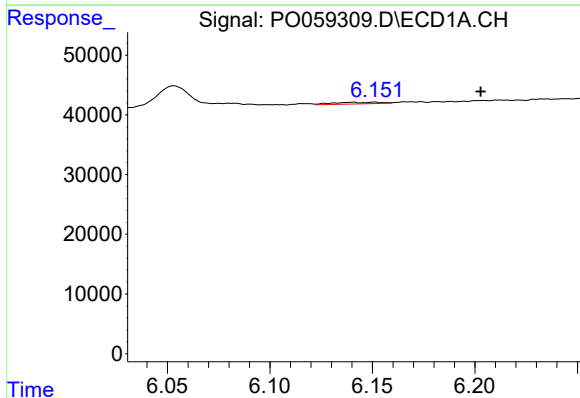
R.T.: 5.854 min
Delta R.T.: 0.051 min
Response: 4356
Conc: 2.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



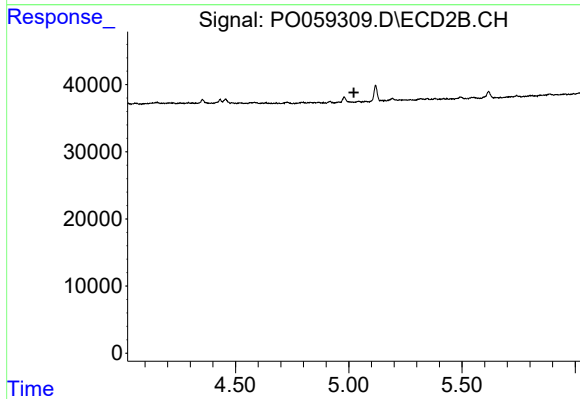
#23 AR-1248-3

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



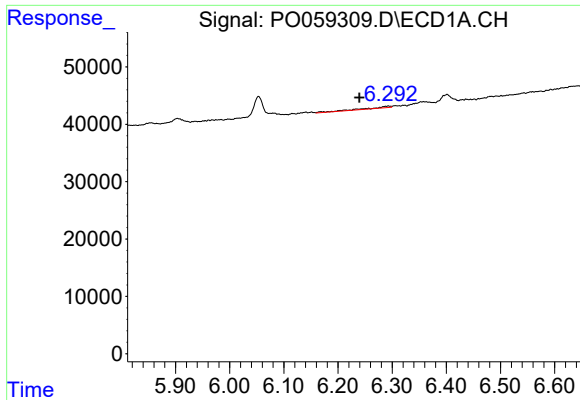
#24 AR-1248-4

R.T.: 6.151 min
Delta R.T.: -0.052 min
Response: 4417
Conc: 2.18 ng/ml



#24 AR-1248-4

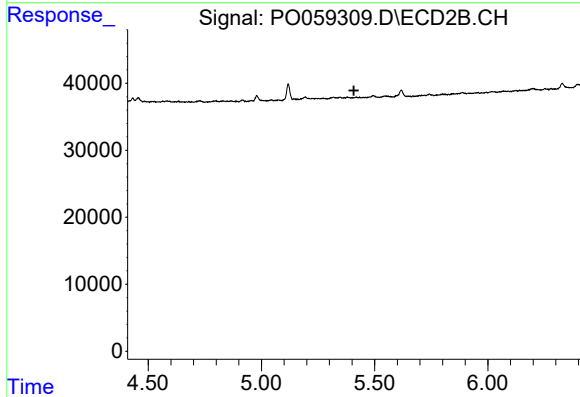
R.T.: 0.000 min
Exp R.T. : 5.023 min
Response: 0
Conc: N.D.



#25 AR-1248-5

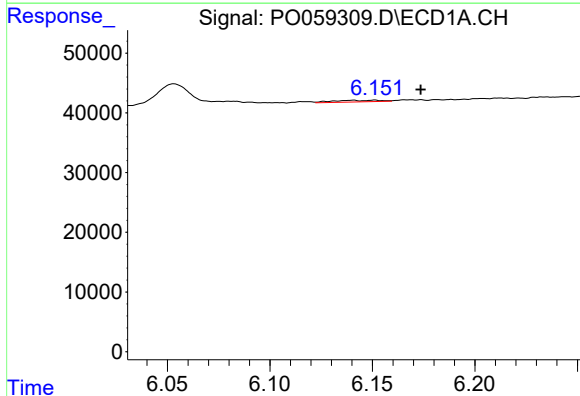
R.T.: 6.293 min
Delta R.T.: 0.053 min
Response: 8858
Conc: 4.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



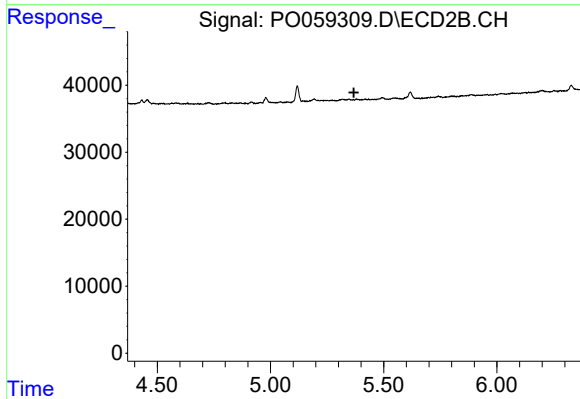
#25 AR-1248-5

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



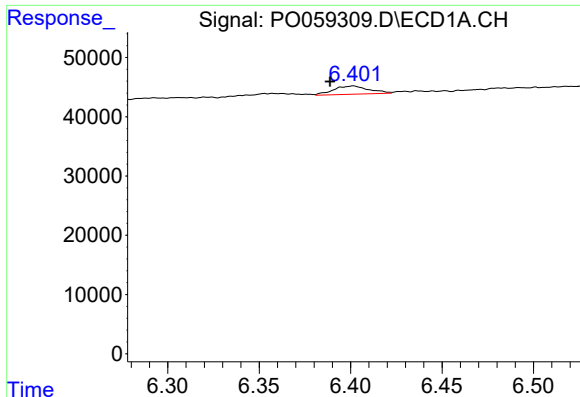
#26 AR-1254-1

R.T.: 6.151 min
Delta R.T.: -0.023 min
Response: 4417
Conc: 1.87 ng/ml



#26 AR-1254-1

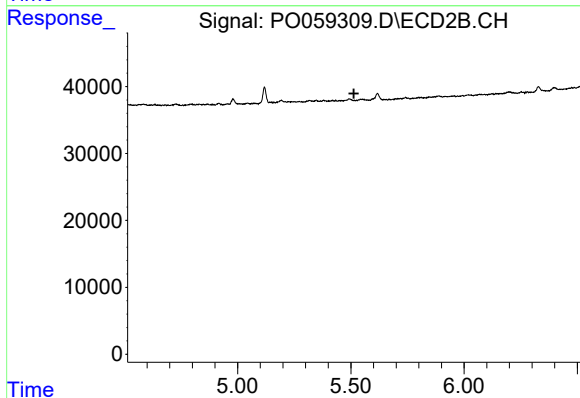
R.T.: 0.000 min
Exp R.T. : 5.368 min
Response: 0
Conc: N.D.



#27 AR-1254-2

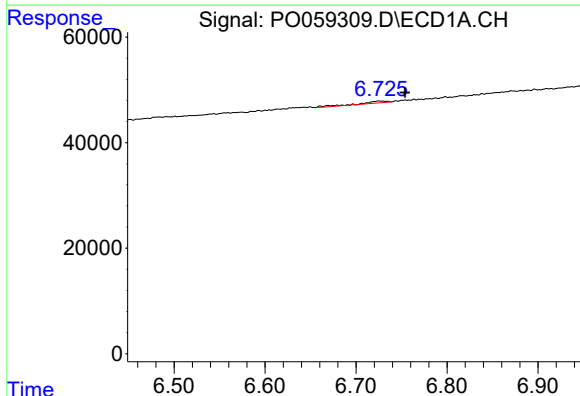
R.T.: 6.401 min
Delta R.T.: 0.013 min
Response: 18900
Conc: 4.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



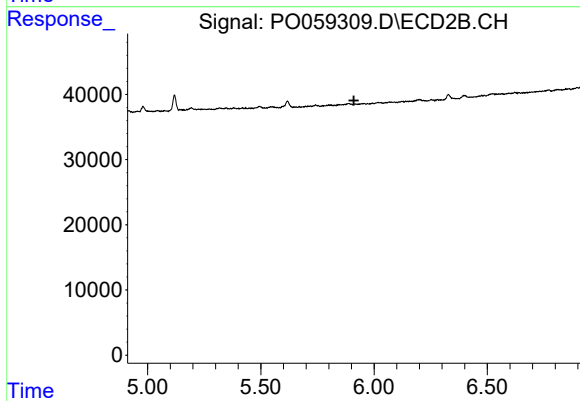
#27 AR-1254-2

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



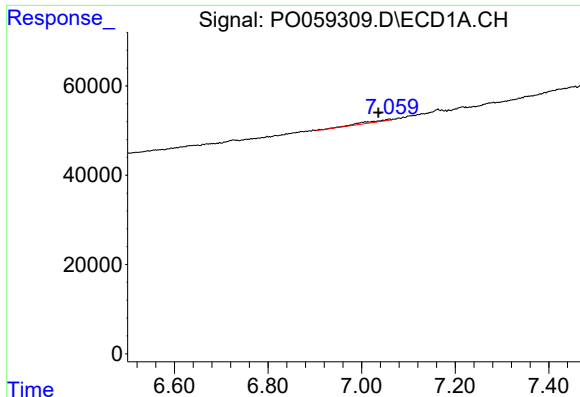
#28 AR-1254-3

R.T.: 6.725 min
Delta R.T.: -0.028 min
Response: 7616
Conc: 1.88 ng/ml



#28 AR-1254-3

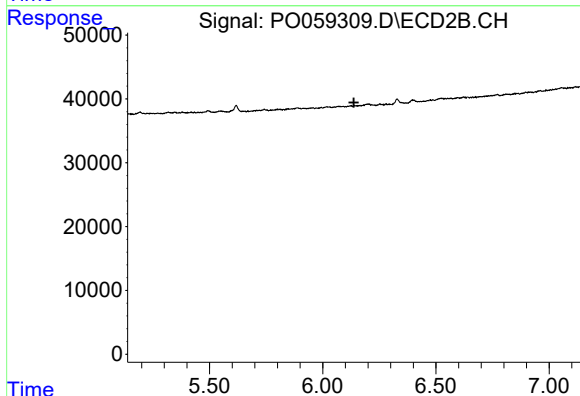
R.T.: 0.000 min
Exp R.T. : 5.911 min
Response: 0
Conc: N.D.



#29 AR-1254-4

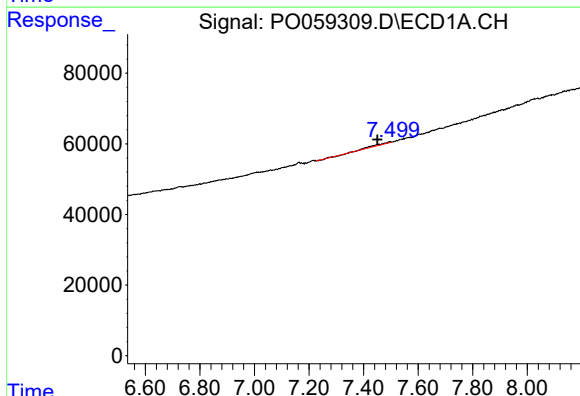
R.T.: 7.059 min
Delta R.T.: 0.023 min
Response: 14958
Conc: 4.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



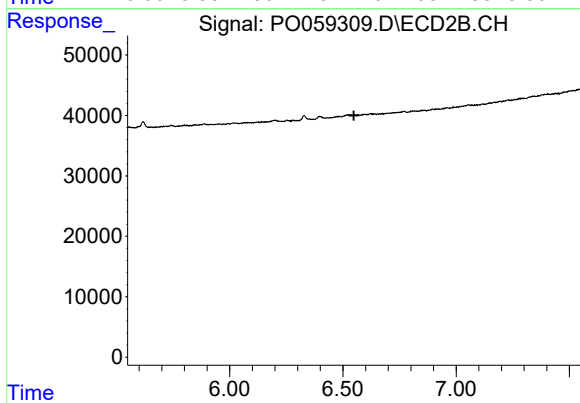
#29 AR-1254-4

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



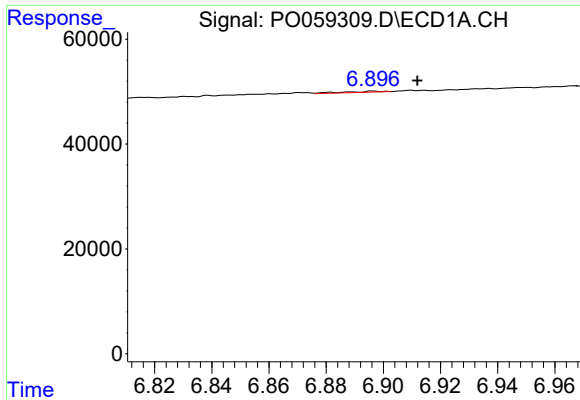
#30 AR-1254-5

R.T.: 7.498 min
Delta R.T.: 0.048 min
Response: 11260
Conc: 3.11 ng/ml



#30 AR-1254-5

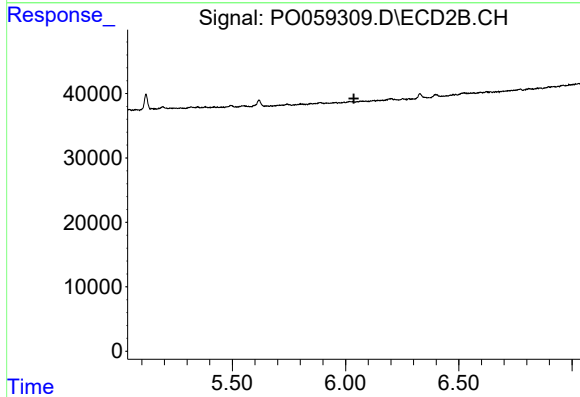
R.T.: 0.000 min
Exp R.T. : 6.548 min
Response: 0
Conc: N.D.



#31 AR-1260-1

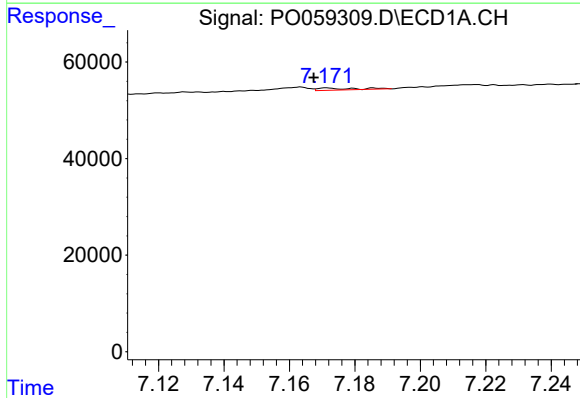
R.T.: 6.897 min
Delta R.T.: -0.015 min
Response: 1724
Conc: 0.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



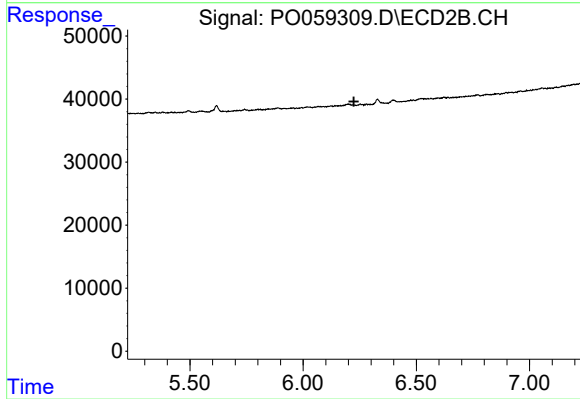
#31 AR-1260-1

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



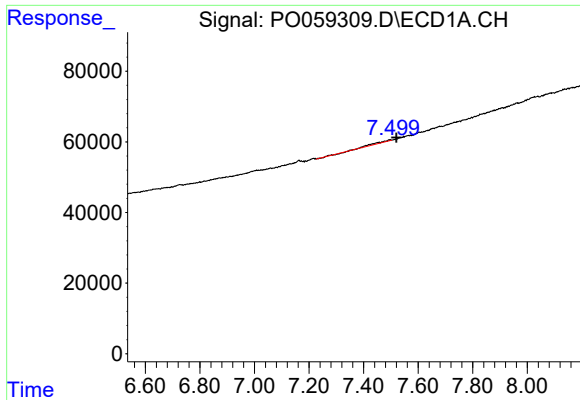
#32 AR-1260-2

R.T.: 7.171 min
Delta R.T.: 0.004 min
Response: 3308
Conc: 0.80 ng/ml



#32 AR-1260-2

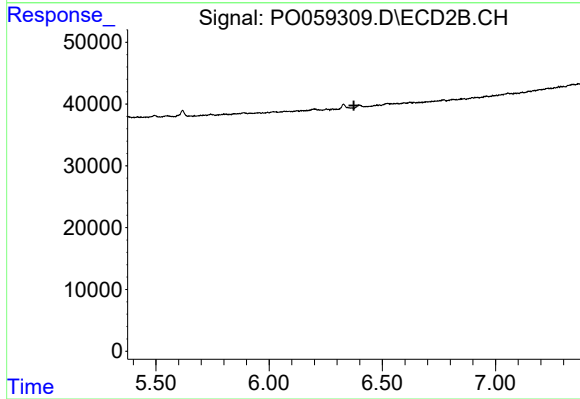
R.T.: 0.000 min
Exp R.T. : 6.225 min
Response: 0
Conc: N.D.



#33 AR-1260-3

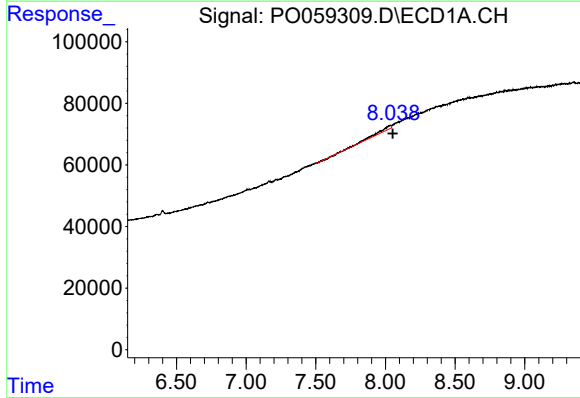
R.T.: 7.498 min
Delta R.T.: -0.022 min
Response: 11260
Conc: 3.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



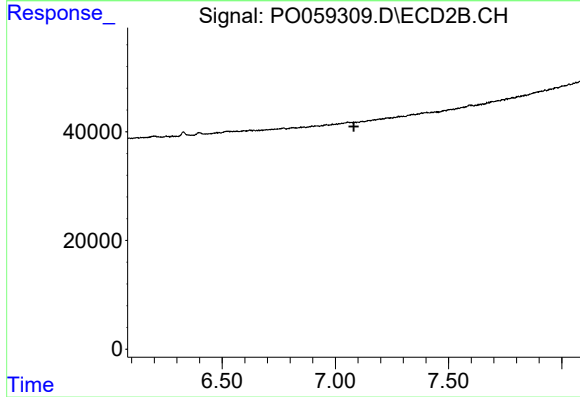
#33 AR-1260-3

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



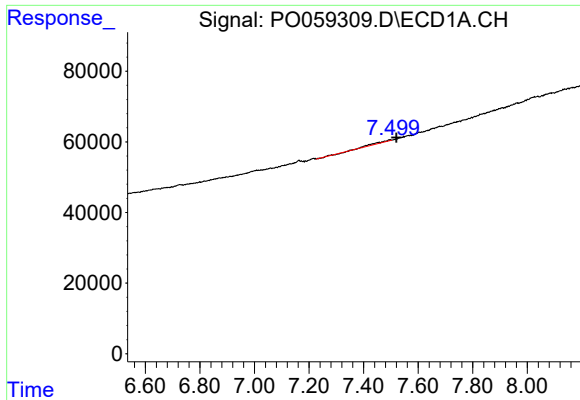
#35 AR-1260-5

R.T.: 8.039 min
Delta R.T.: -0.013 min
Response: 71994
Conc: 9.79 ng/ml



#35 AR-1260-5

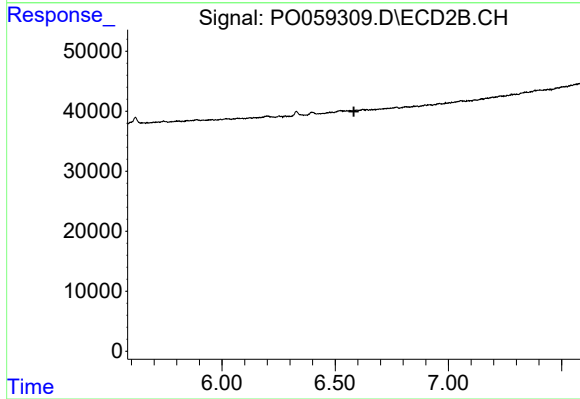
R.T.: 0.000 min
Exp R.T. : 7.082 min
Response: 0
Conc: N.D.



#36 AR-1262-1

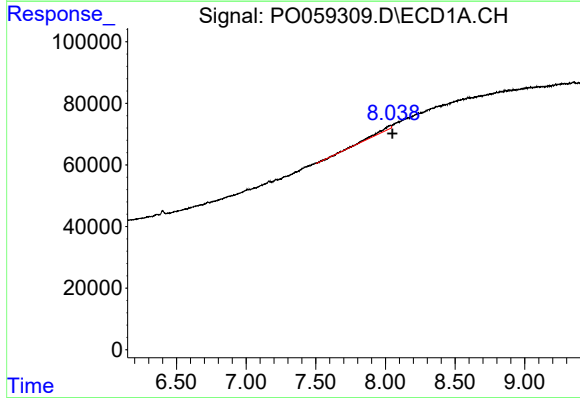
R.T.: 7.498 min
Delta R.T.: -0.022 min
Response: 11260
Conc: 2.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



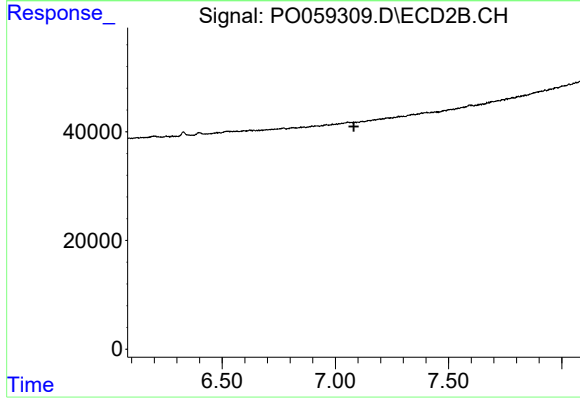
#36 AR-1262-1

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



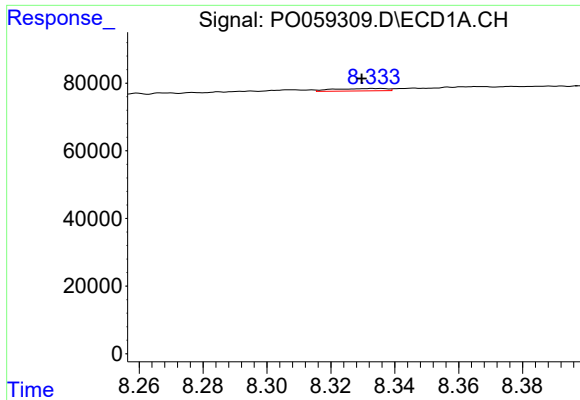
#37 AR-1262-2

R.T.: 8.039 min
Delta R.T.: -0.011 min
Response: 71994
Conc: 9.05 ng/ml



#37 AR-1262-2

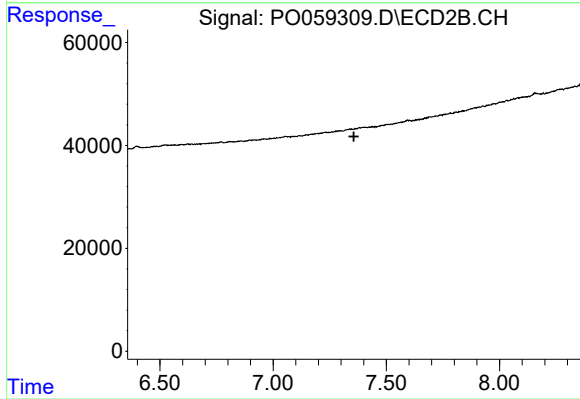
R.T.: 0.000 min
Exp R.T. : 7.082 min
Response: 0
Conc: N.D.



#38 AR-1262-3

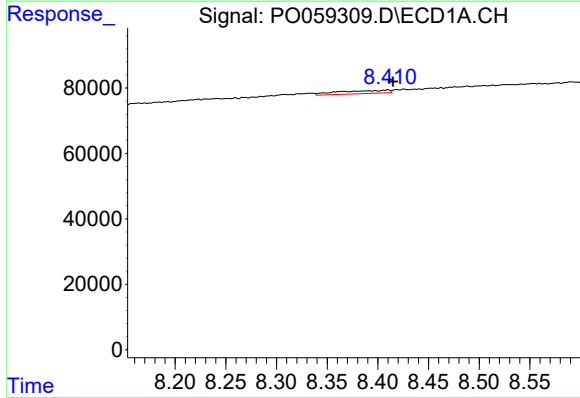
R.T.: 8.334 min
Delta R.T.: 0.004 min
Response: 8252
Conc: 1.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



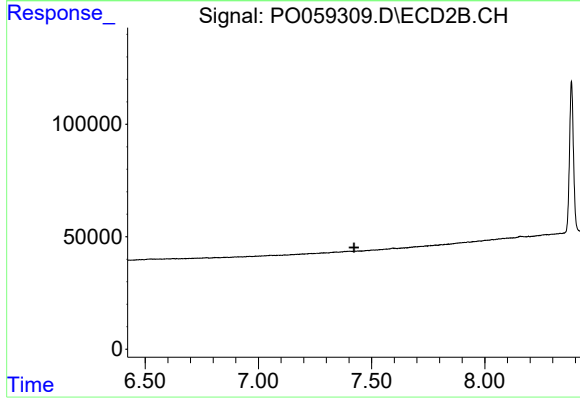
#38 AR-1262-3

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



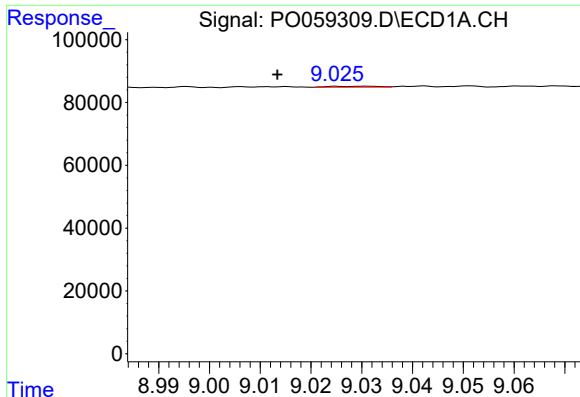
#39 AR-1262-4

R.T.: 8.410 min
Delta R.T.: -0.005 min
Response: 33070
Conc: 8.73 ng/ml



#39 AR-1262-4

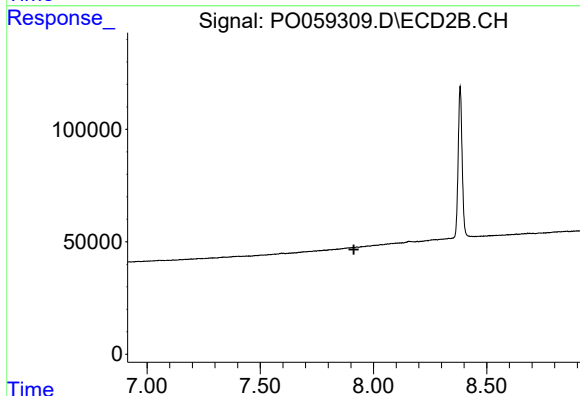
R.T.: 0.000 min
Exp R.T. : 7.422 min
Response: 0
Conc: N.D.



#40 AR-1262-5

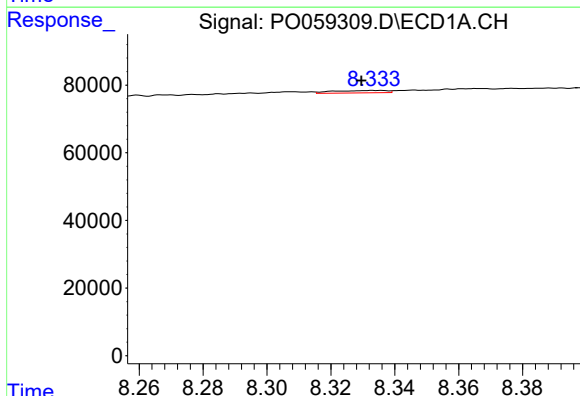
R.T.: 9.031 min
Delta R.T.: 0.018 min
Response: 2042
Conc: 0.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



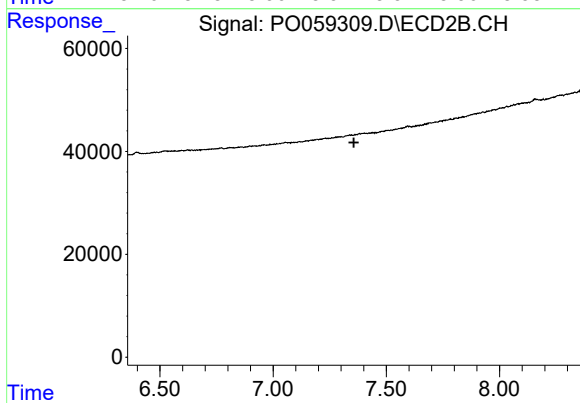
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 7.914 min
Response: 0
Conc: N.D.



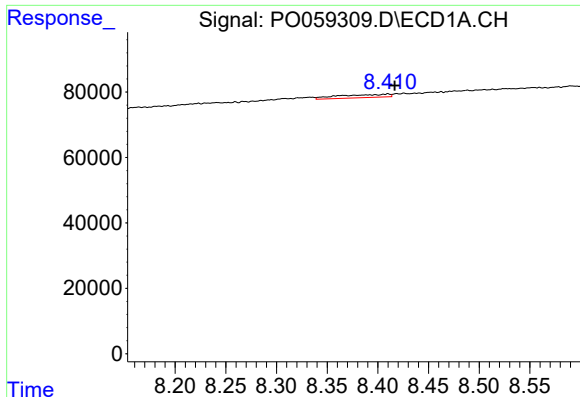
#41 AR-1268-1

R.T.: 8.334 min
Delta R.T.: 0.005 min
Response: 8252
Conc: 0.74 ng/ml



#41 AR-1268-1

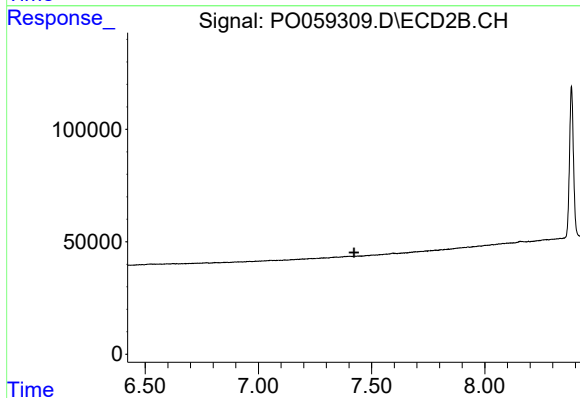
R.T.: 0.000 min
Exp R.T. : 7.357 min
Response: 0
Conc: N.D.



#42 AR-1268-2

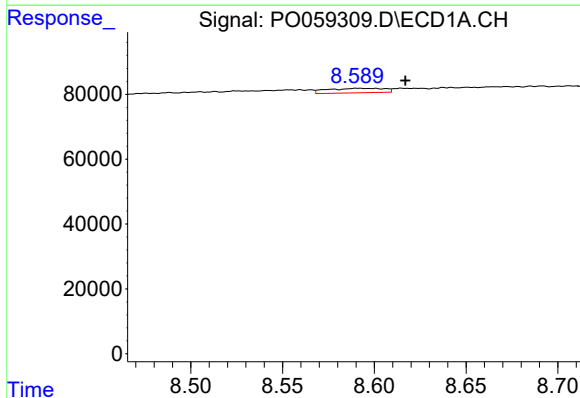
R.T.: 8.410 min
Delta R.T.: -0.007 min
Response: 33070
Conc: 3.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



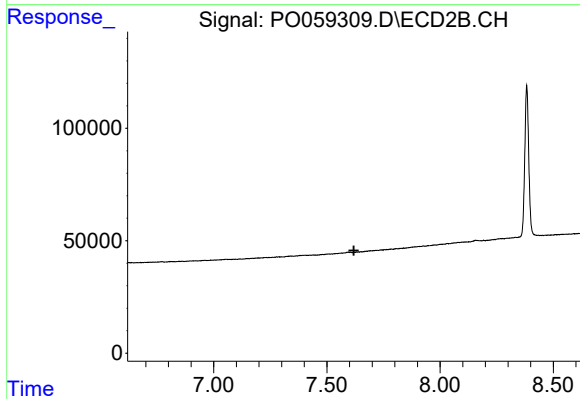
#42 AR-1268-2

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



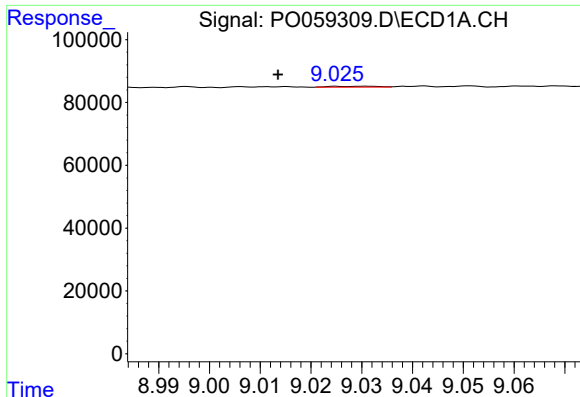
#43 AR-1268-3

R.T.: 8.591 min
Delta R.T.: -0.026 min
Response: 29853
Conc: 3.61 ng/ml



#43 AR-1268-3

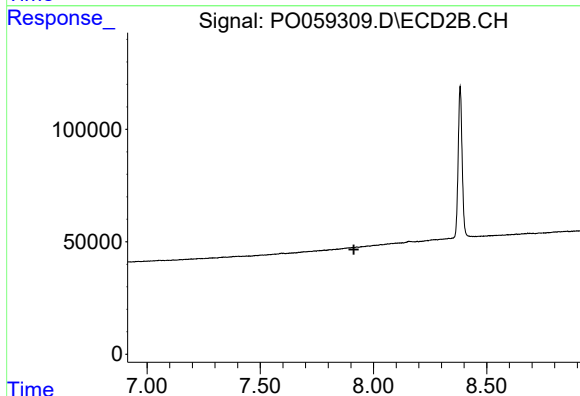
R.T.: 0.000 min
Exp R.T. : 7.619 min
Response: 0
Conc: N.D.



#44 AR-1268-4

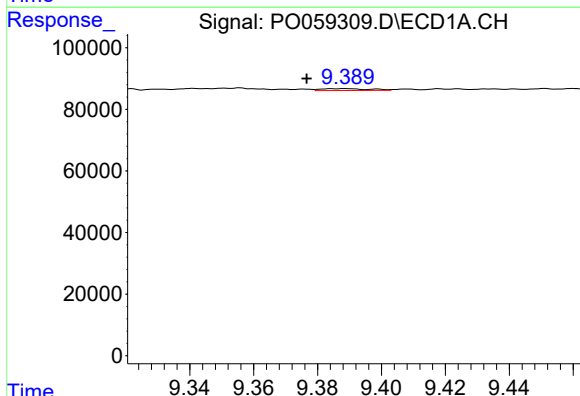
R.T.: 9.031 min
Delta R.T.: 0.017 min
Response: 2042
Conc: 0.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



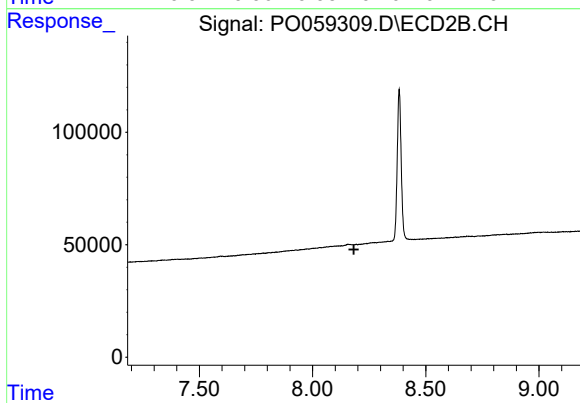
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 7.913 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.389 min
Delta R.T.: 0.012 min
Response: 6790
Conc: 0.32 ng/ml



#45 AR-1268-5

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