

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0081419\
 Data File : P0059324.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 15 Aug 2019 3:06
 Operator : SM/SJ
 Sample : K4347-04
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 15 09:39:06 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	909465	810187	21.550	20.280
2)	SA Decachlor...	9.638	8.383	1127742	852332	20.824	21.593
Target Compounds							
3)	L1 AR-1016-1	5.335	0.000	23550	0	12.567	N.D. #
4)	L1 AR-1016-2	5.369	0.000	35447	0	12.883	N.D. #
5)	L1 AR-1016-3	5.423	4.762	899	63283	0.529	55.720 #
6)	L1 AR-1016-4	5.543	4.796	7777	29030	5.558	30.775 #
7)	L1 AR-1016-5	5.846	0.000	25696	0	17.939	N.D. #
8)	L2 AR-1221-1	4.443	0.000	44956	0	98.963	N.D. #
9)	L2 AR-1221-2	4.492	0.000	9393	0	27.245	N.D. #
10)	L2 AR-1221-3	4.569	0.000	14056	0	12.818	N.D. #
11)	L3 AR-1232-1	4.569	0.000	14056	0	15.570	N.D. #
12)	L3 AR-1232-2	5.066	0.000	8753	0	17.794	N.D. #
13)	L3 AR-1232-3	5.369	4.762	35447	63283	33.105	143.895 #
14)	L3 AR-1232-4	5.543	4.796	7777	29030	14.588	73.443 #
15)	L3 AR-1232-5	5.596	0.000	85379	0	209.231	N.D. #
16)	L4 AR-1242-1	5.335	0.000	23550	0	18.391	N.D. #
17)	L4 AR-1242-2	5.369	0.000	35447	0	18.738	N.D. #
18)	L4 AR-1242-3	5.423	4.762	899	63283	0.766	77.706 #
19)	L4 AR-1242-4	5.543	4.796	7777	29030	8.092	35.883 #
20)	L4 AR-1242-5	6.213	0.000	33086	0	28.168	N.D. #
21)	L5 AR-1248-1	5.335	0.000	23550	0	23.294	N.D. #
22)	L5 AR-1248-2	5.596	4.796	85379	29030	59.062	26.200 #
23)	L5 AR-1248-3	5.846	4.796	25696	29030	15.643	25.506 #
24)	L5 AR-1248-4	6.213	0.000	33086	0	16.337	N.D. #
25)	L5 AR-1248-5	6.213	0.000	33086	0	17.140	N.D. #
26)	L6 AR-1254-1	6.181	0.000	28593	0	12.109	N.D. #
27)	L6 AR-1254-2	6.401	0.000	119593	0	31.031	N.D. #
28)	L6 AR-1254-3	6.754	0.000	130631	0	32.258	N.D. #
29)	L6 AR-1254-4	6.986	6.130	71631	113392	19.894	48.766 #
30)	L6 AR-1254-5	7.501	0.000	38500	0	10.621	N.D. #
31)	L7 AR-1260-1	6.898	0.000	181945	0	63.194	N.D. #
32)	L7 AR-1260-2	7.144	6.279	9203	29313	2.212	9.677 #
33)	L7 AR-1260-3	7.501	6.399	38500	57431	10.338	21.272 #
35)	L7 AR-1260-5	8.065	0.000	49149	0	6.683	N.D. #
36)	L8 AR-1262-1	7.501	0.000	38500	0	7.638	N.D. #
37)	L8 AR-1262-2	8.065	0.000	49149	0	6.175	N.D. #
38)	L8 AR-1262-3	8.365	0.000	28898	0	5.685	N.D. #
39)	L8 AR-1262-4	8.417	7.436	12960	46862	3.420	11.036 #
40)	L8 AR-1262-5	8.999	0.000	3062	0	1.333	N.D. #
41)	L9 AR-1268-1	8.365	0.000	28898	0	2.587	N.D. #
42)	L9 AR-1268-2	8.417	7.436	12960	46862	1.380	6.185 #

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Instrument :
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 Integration File signal 2: autoint2.e
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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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43) L9	AR-1268-3	8.601	7.586	13258	17654	1.605	2.762 #
44) L9	AR-1268-4	8.999	0.000	3062	0	1.024	N.D. #
45) L9	AR-1268-5	9.387	0.000	6193	0	0.288	N.D. #

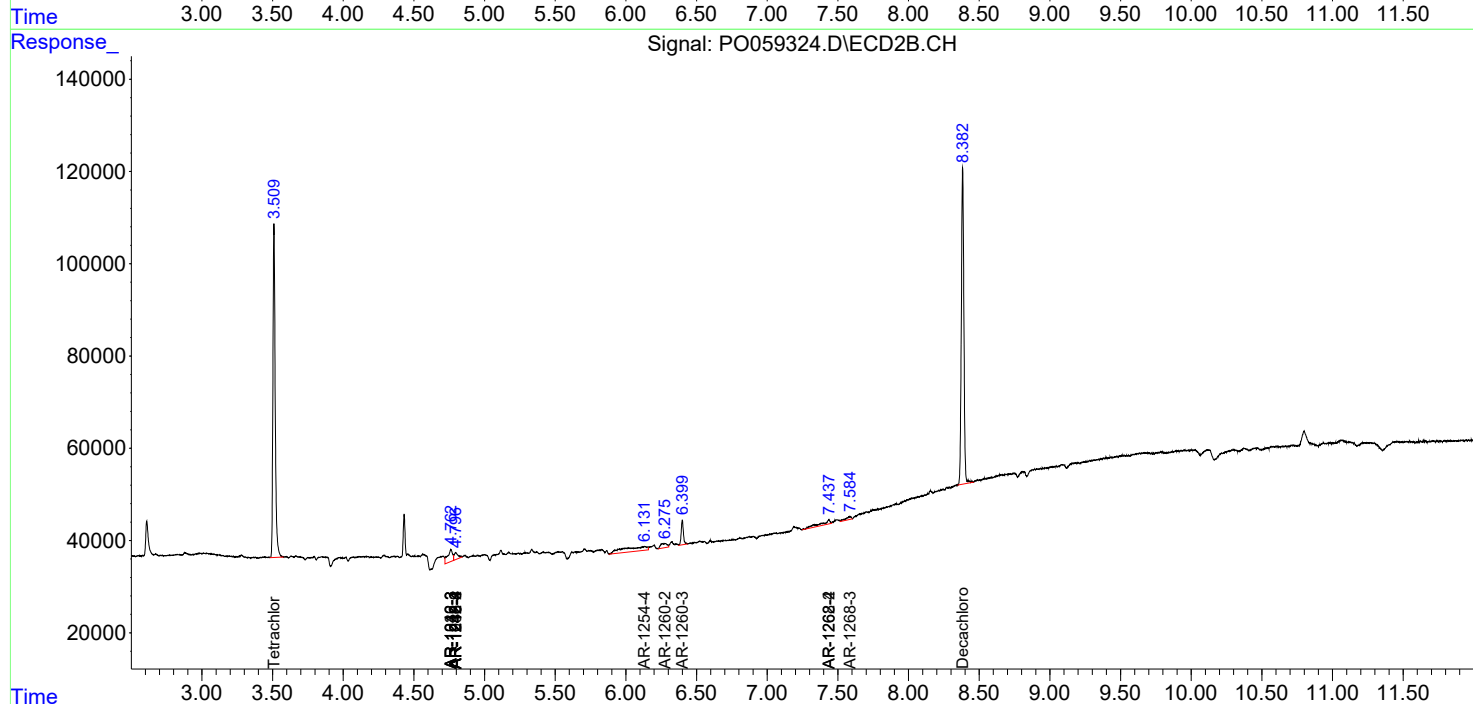
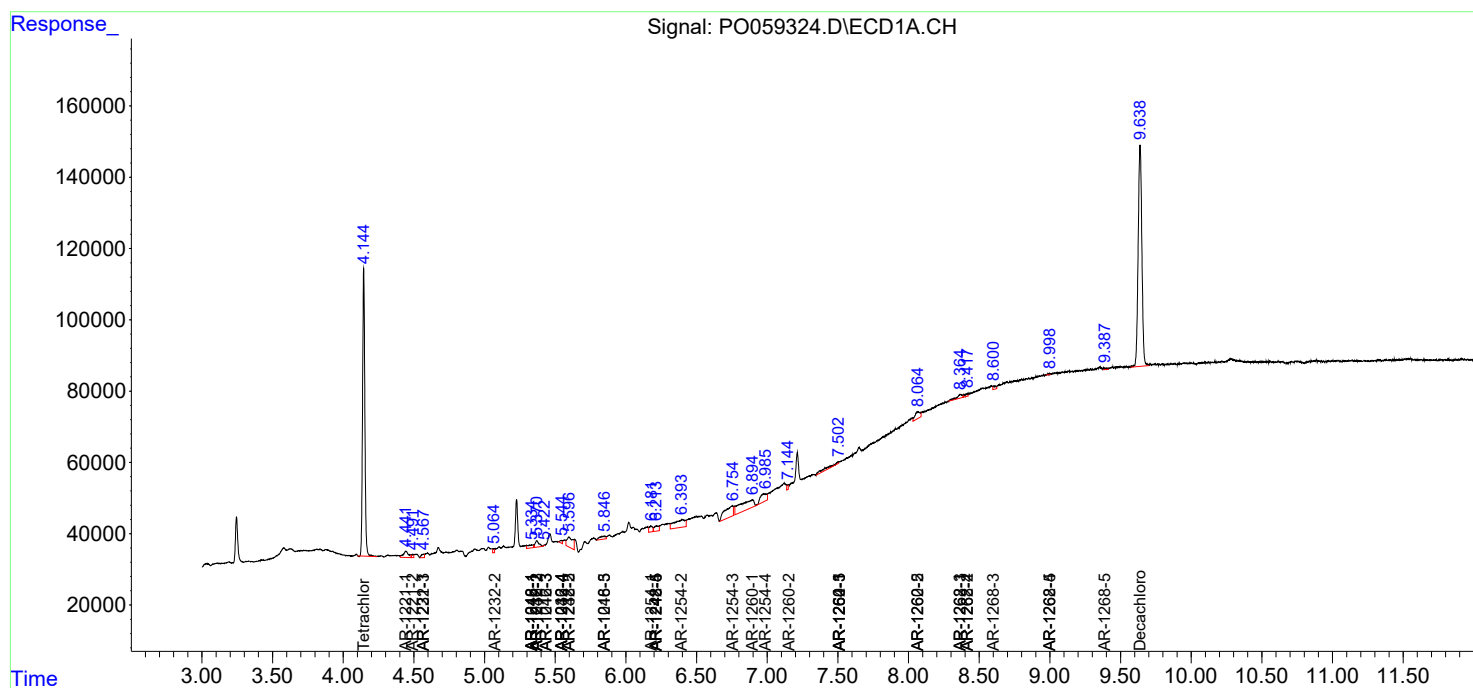
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

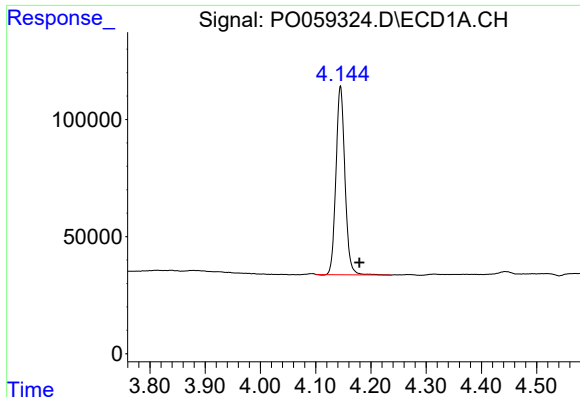
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081419\
Data File : PO059324.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 15 Aug 2019 3:06
Operator : SM/SJ
Sample : K4347-04
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampled :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 15 09:39:06 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

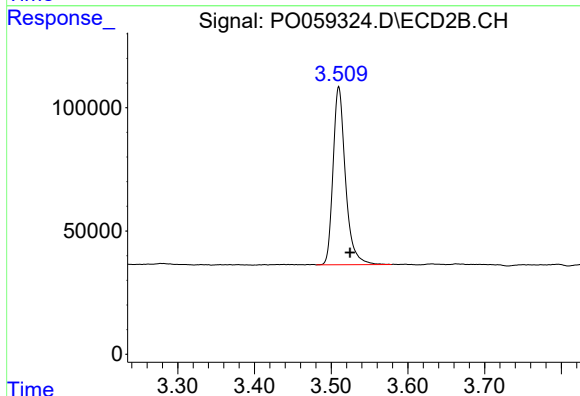




#1 Tetrachloro-m-xylene

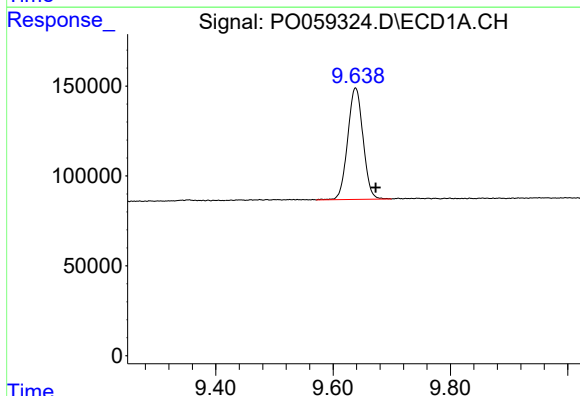
R.T.: 4.145 min
Delta R.T.: -0.034 min
Response: 909465
Conc: 21.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



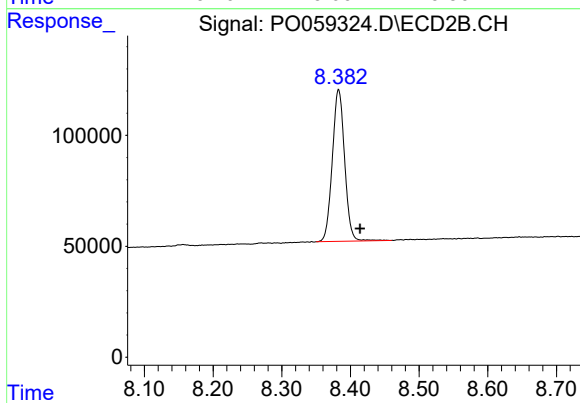
#1 Tetrachloro-m-xylene

R.T.: 3.510 min
Delta R.T.: -0.015 min
Response: 810187
Conc: 20.28 ng/ml



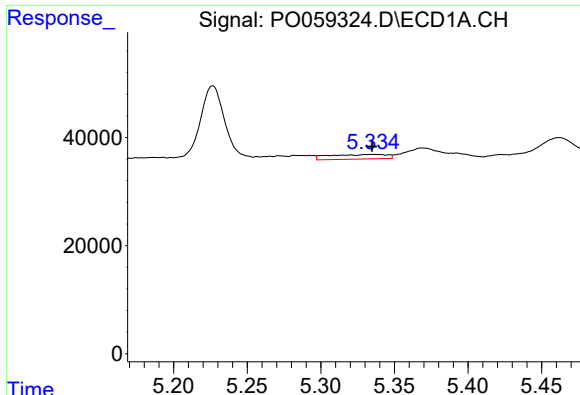
#2 Decachlorobiphenyl

R.T.: 9.638 min
Delta R.T.: -0.034 min
Response: 1127742
Conc: 20.82 ng/ml



#2 Decachlorobiphenyl

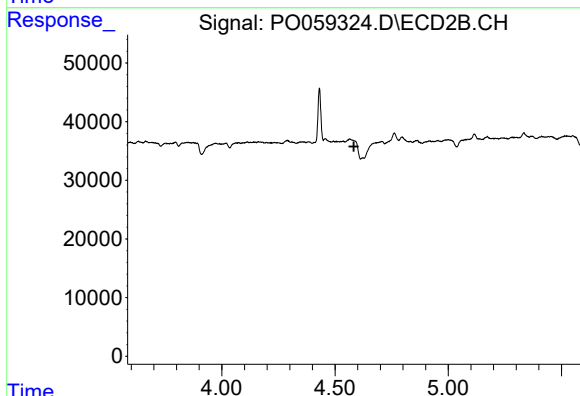
R.T.: 8.383 min
Delta R.T.: -0.031 min
Response: 852332
Conc: 21.59 ng/ml



#3 AR-1016-1

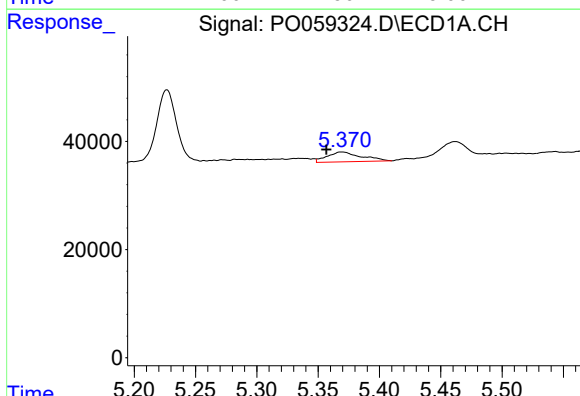
R.T.: 5.335 min
Delta R.T.: 0.000 min
Response: 23550
Conc: 12.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



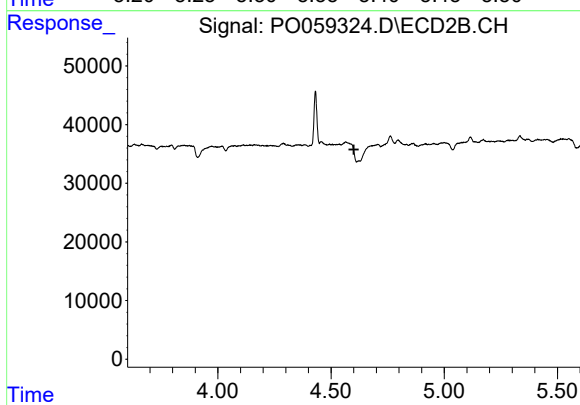
#3 AR-1016-1

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



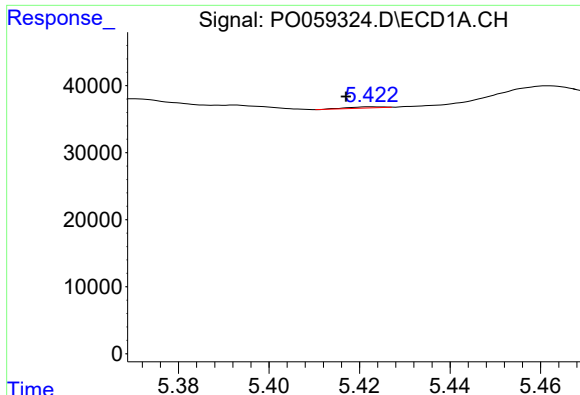
#4 AR-1016-2

R.T.: 5.369 min
Delta R.T.: 0.013 min
Response: 35447
Conc: 12.88 ng/ml



#4 AR-1016-2

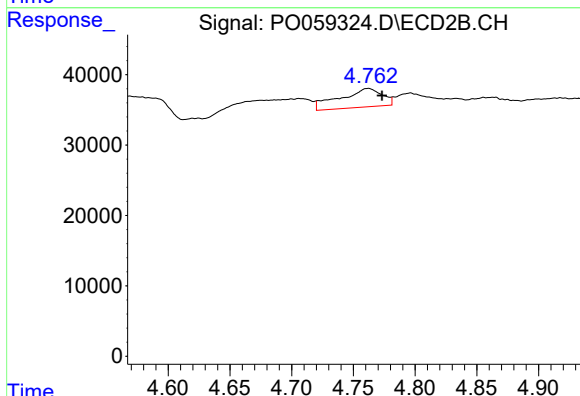
R.T.: 0.000 min
Exp R.T. : 4.601 min
Response: 0
Conc: N.D.



#5 AR-1016-3

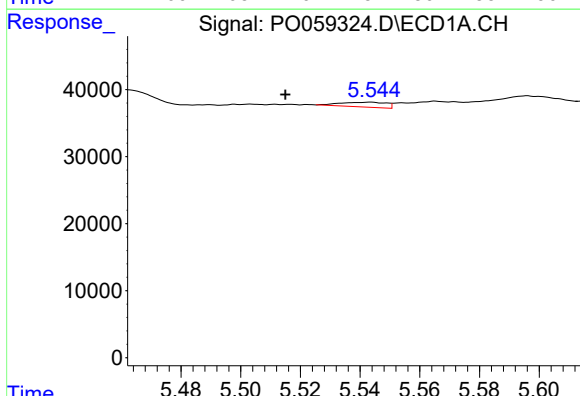
R.T.: 5.423 min
Delta R.T.: 0.006 min
Response: 899
Conc: 0.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



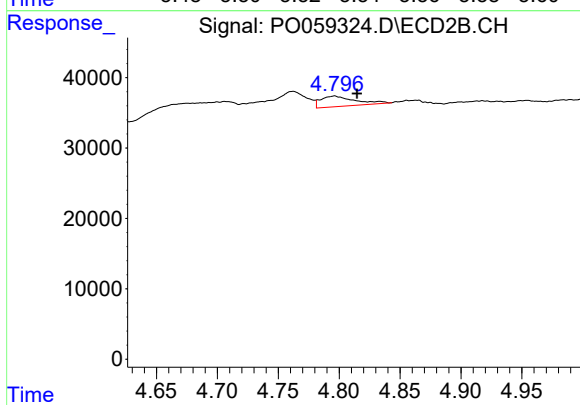
#5 AR-1016-3

R.T.: 4.762 min
Delta R.T.: -0.011 min
Response: 63283
Conc: 55.72 ng/ml



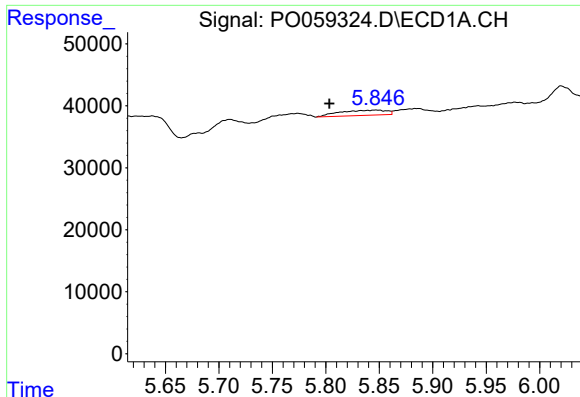
#6 AR-1016-4

R.T.: 5.543 min
Delta R.T.: 0.028 min
Response: 7777
Conc: 5.56 ng/ml



#6 AR-1016-4

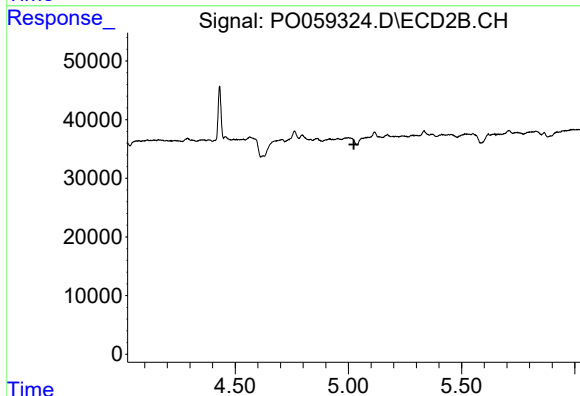
R.T.: 4.796 min
Delta R.T.: -0.019 min
Response: 29030
Conc: 30.77 ng/ml



#7 AR-1016-5

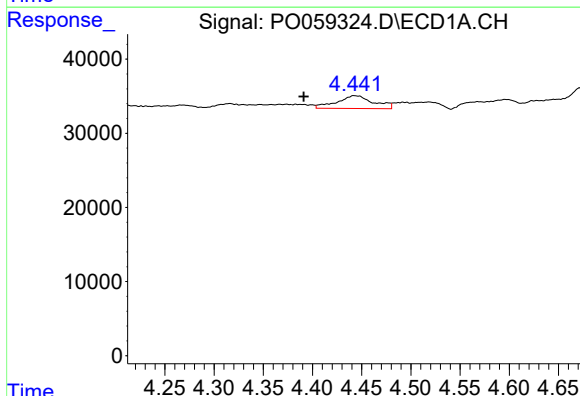
R.T.: 5.846 min
Delta R.T.: 0.043 min
Response: 25696
Conc: 17.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



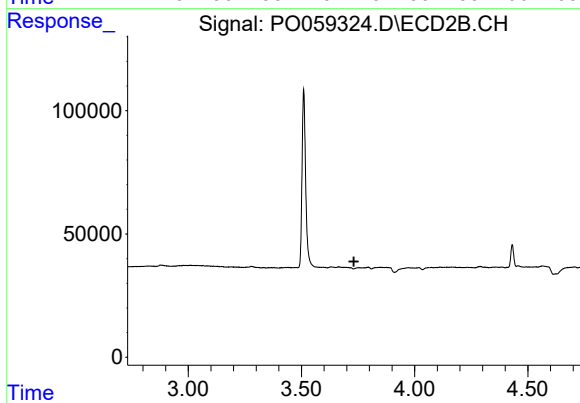
#7 AR-1016-5

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



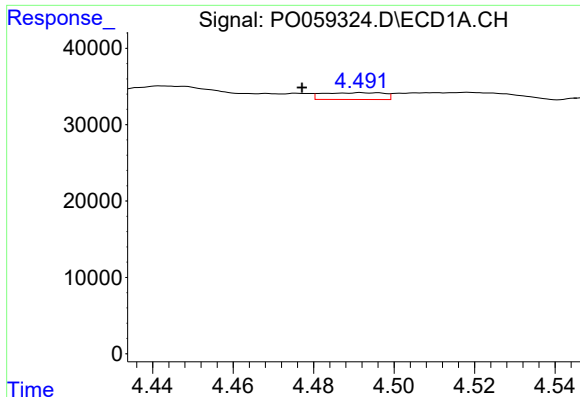
#8 AR-1221-1

R.T.: 4.443 min
Delta R.T.: 0.052 min
Response: 44956
Conc: 98.96 ng/ml



#8 AR-1221-1

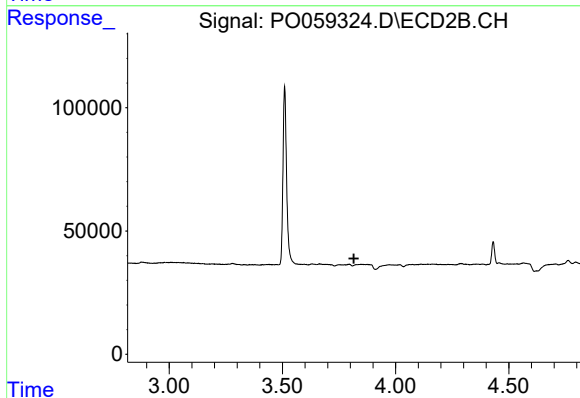
R.T.: 0.000 min
Exp R.T. : 3.732 min
Response: 0
Conc: N.D.



#9 AR-1221-2

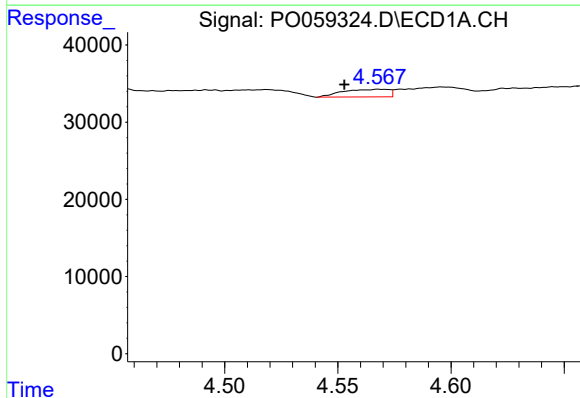
R.T.: 4.492 min
Delta R.T.: 0.015 min
Response: 9393
Conc: 27.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



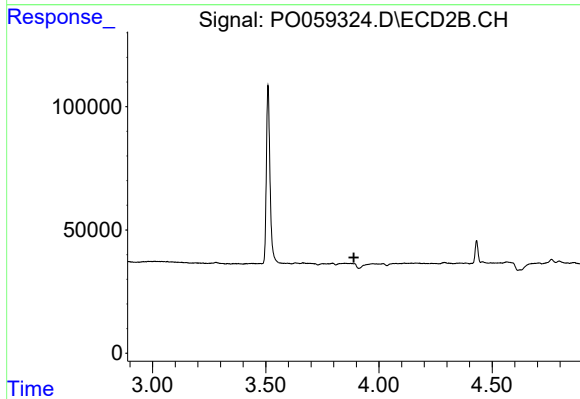
#9 AR-1221-2

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



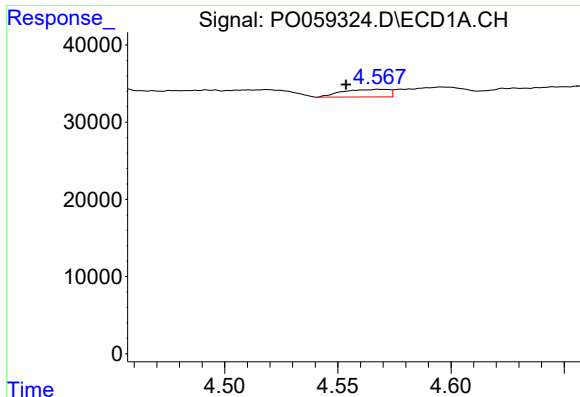
#10 AR-1221-3

R.T.: 4.569 min
Delta R.T.: 0.016 min
Response: 14056
Conc: 12.82 ng/ml



#10 AR-1221-3

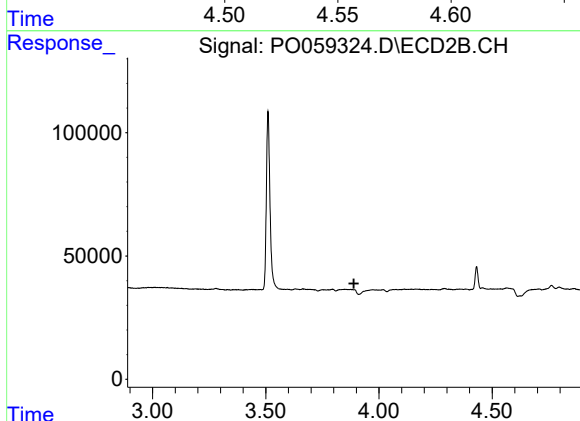
R.T.: 0.000 min
Exp R.T. : 3.889 min
Response: 0
Conc: N.D.



#11 AR-1232-1

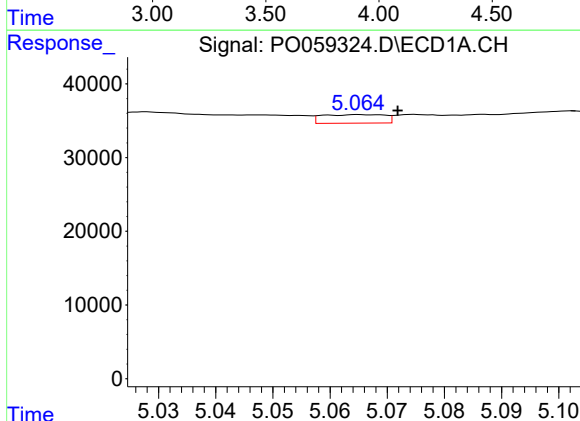
R.T.: 4.569 min
Delta R.T.: 0.015 min
Response: 14056
Conc: 15.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



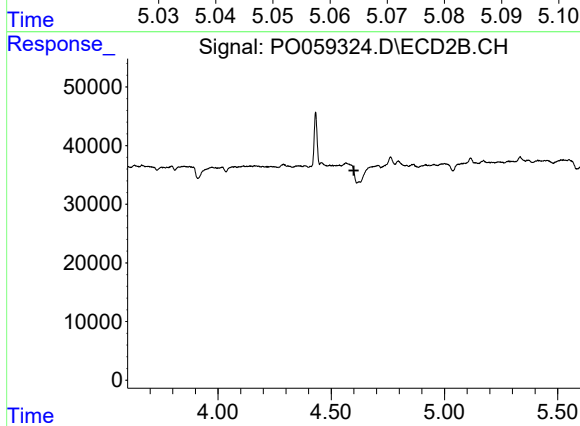
#11 AR-1232-1

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



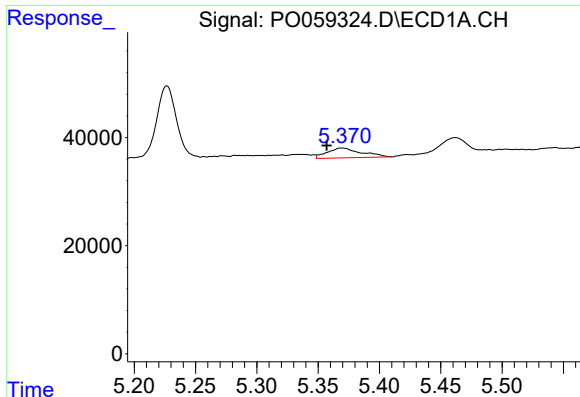
#12 AR-1232-2

R.T.: 5.066 min
Delta R.T.: -0.006 min
Response: 8753
Conc: 17.79 ng/ml



#12 AR-1232-2

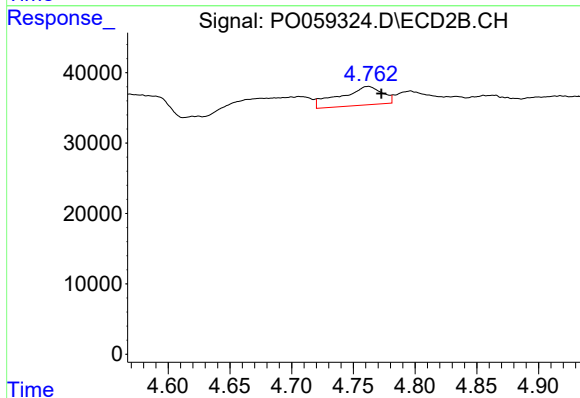
R.T.: 0.000 min
Exp R.T. : 4.600 min
Response: 0
Conc: N.D.



#13 AR-1232-3

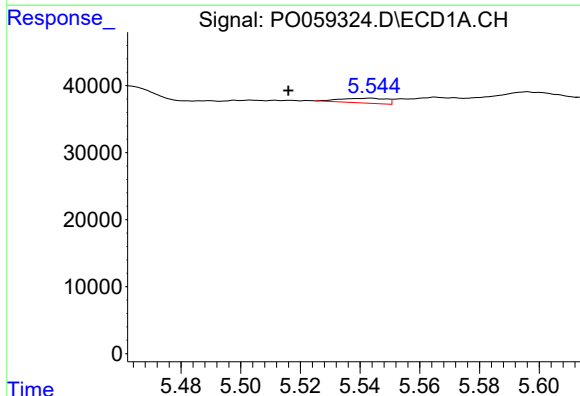
R.T.: 5.369 min
Delta R.T.: 0.012 min
Response: 35447
Conc: 33.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



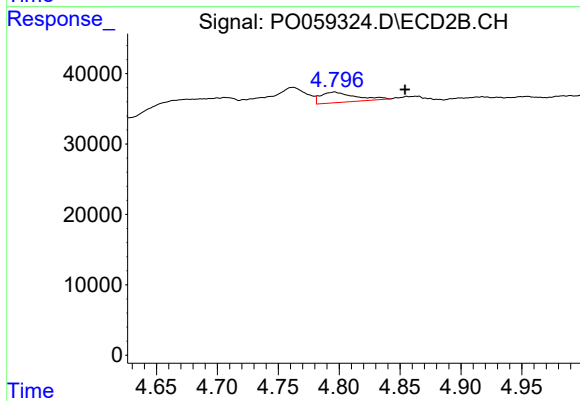
#13 AR-1232-3

R.T.: 4.762 min
Delta R.T.: -0.011 min
Response: 63283
Conc: 143.89 ng/ml



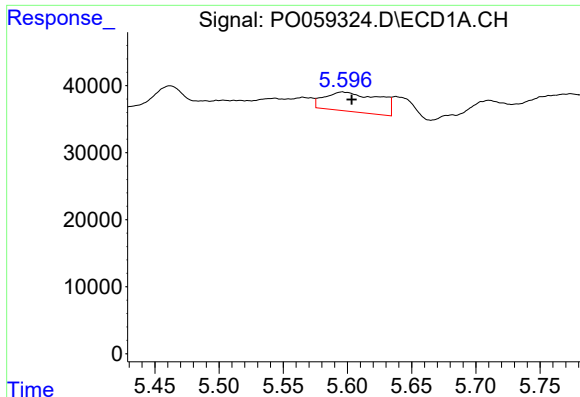
#14 AR-1232-4

R.T.: 5.543 min
Delta R.T.: 0.027 min
Response: 7777
Conc: 14.59 ng/ml



#14 AR-1232-4

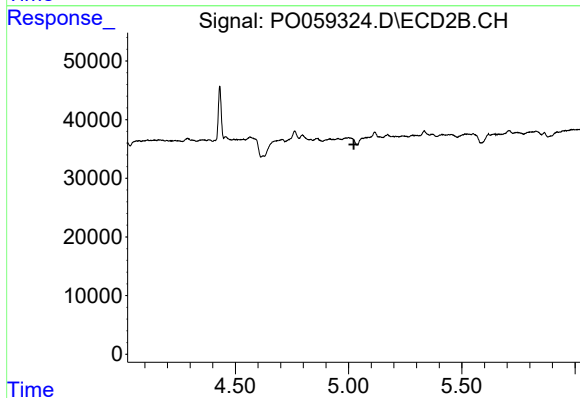
R.T.: 4.796 min
Delta R.T.: -0.058 min
Response: 29030
Conc: 73.44 ng/ml



#15 AR-1232-5

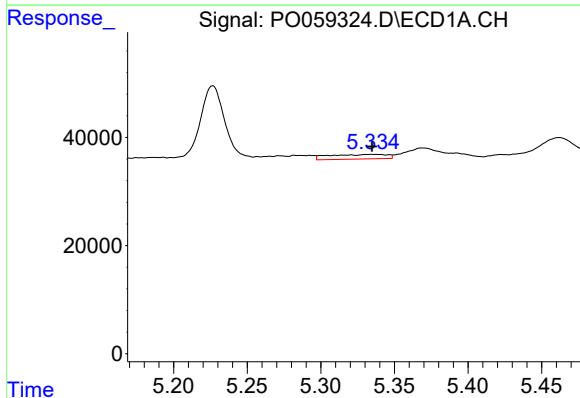
R.T.: 5.596 min
Delta R.T.: -0.007 min
Response: 85379
Conc: 209.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



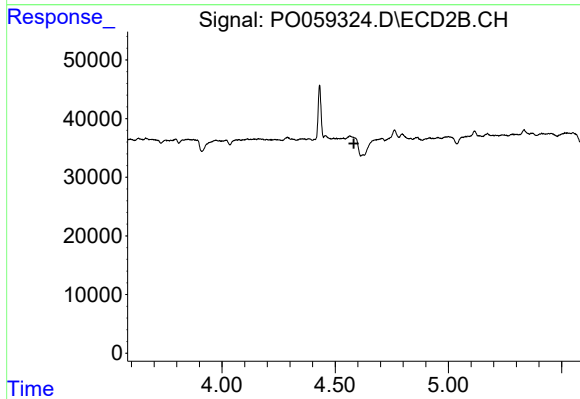
#15 AR-1232-5

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



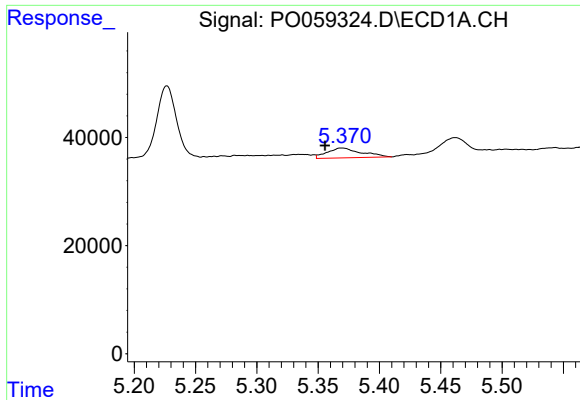
#16 AR-1242-1

R.T.: 5.335 min
Delta R.T.: 0.000 min
Response: 23550
Conc: 18.39 ng/ml



#16 AR-1242-1

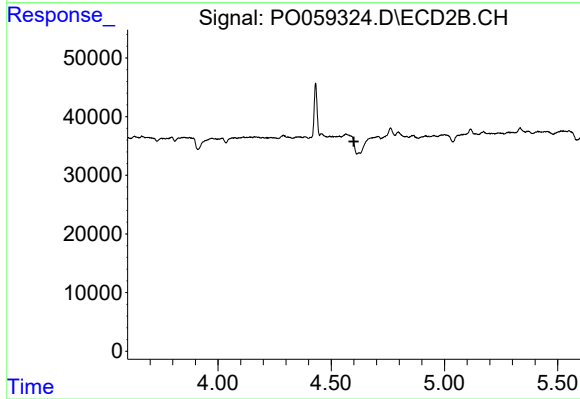
R.T.: 0.000 min
Exp R.T. : 4.583 min
Response: 0
Conc: N.D.



#17 AR-1242-2

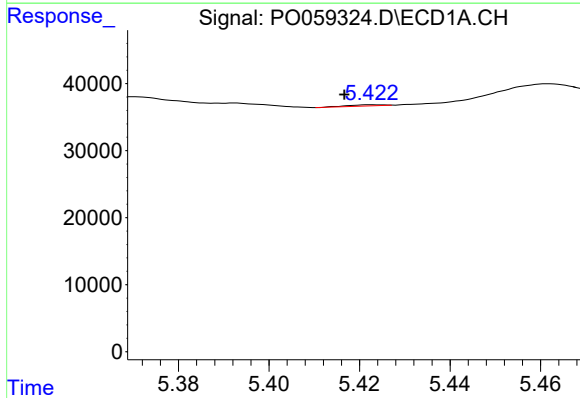
R.T.: 5.369 min
Delta R.T.: 0.014 min
Response: 35447
Conc: 18.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



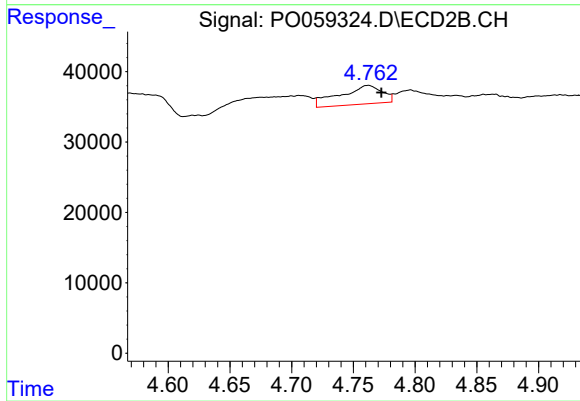
#17 AR-1242-2

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



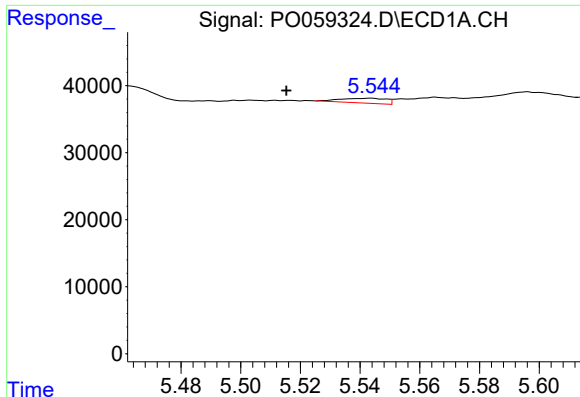
#18 AR-1242-3

R.T.: 5.423 min
Delta R.T.: 0.006 min
Response: 899
Conc: 0.77 ng/ml



#18 AR-1242-3

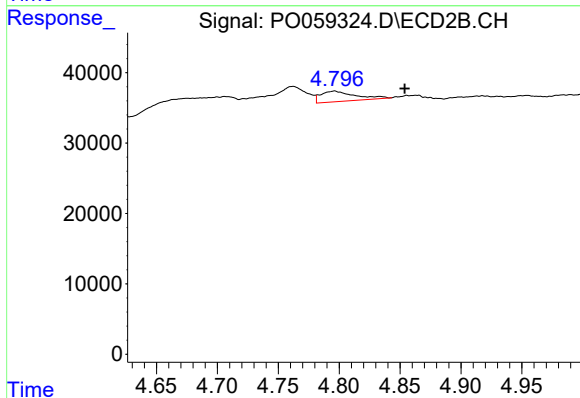
R.T.: 4.762 min
Delta R.T.: -0.011 min
Response: 63283
Conc: 77.71 ng/ml



#19 AR-1242-4

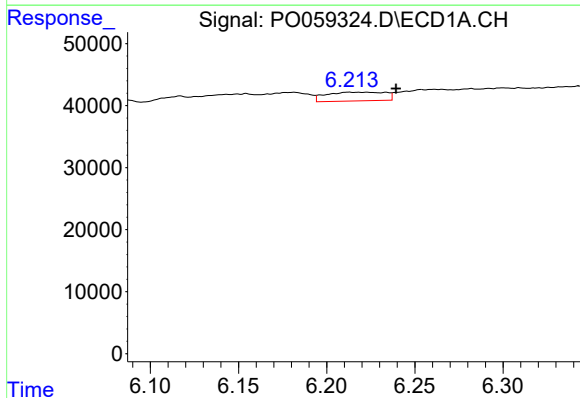
R.T.: 5.543 min
Delta R.T.: 0.028 min
Response: 7777
Conc: 8.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



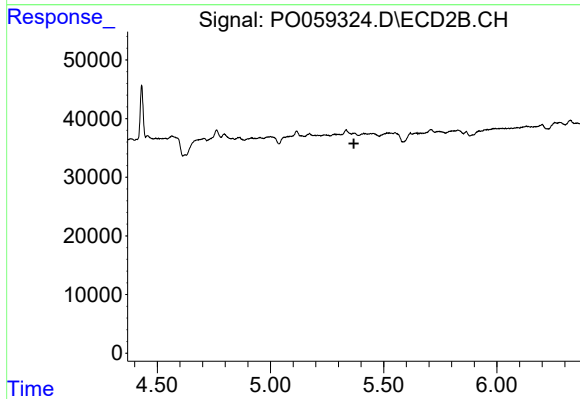
#19 AR-1242-4

R.T.: 4.796 min
Delta R.T.: -0.058 min
Response: 29030
Conc: 35.88 ng/ml



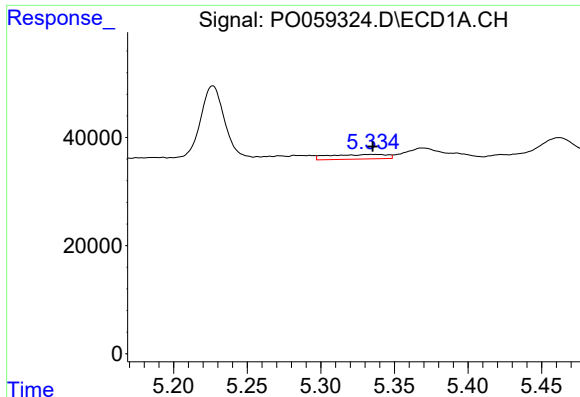
#20 AR-1242-5

R.T.: 6.213 min
Delta R.T.: -0.027 min
Response: 33086
Conc: 28.17 ng/ml



#20 AR-1242-5

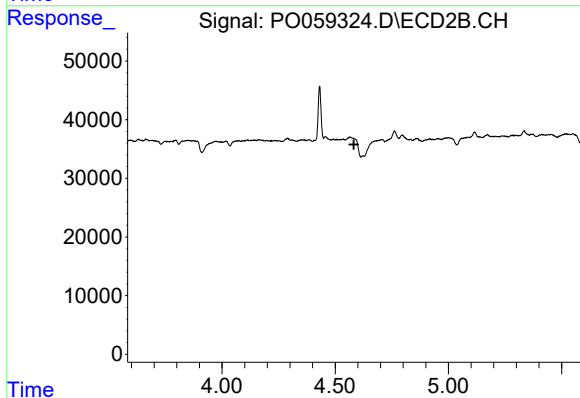
R.T.: 0.000 min
Exp R.T.: 5.368 min
Response: 0
Conc: N.D.



#21 AR-1248-1

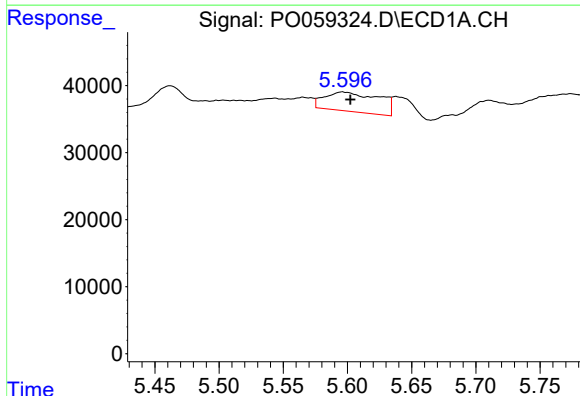
R.T.: 5.335 min
Delta R.T.: 0.000 min
Response: 23550
Conc: 23.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



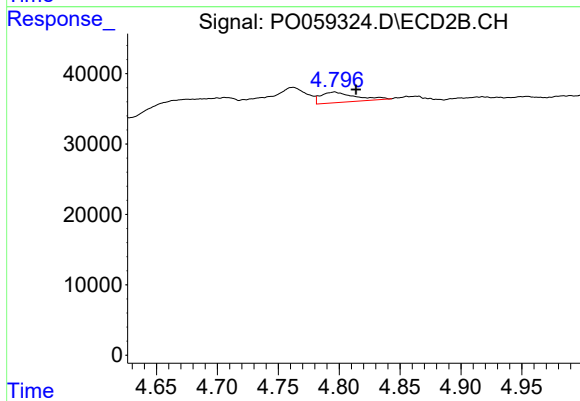
#21 AR-1248-1

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



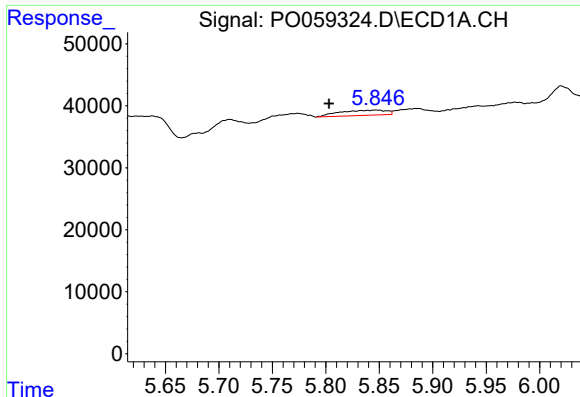
#22 AR-1248-2

R.T.: 5.596 min
Delta R.T.: -0.006 min
Response: 85379
Conc: 59.06 ng/ml



#22 AR-1248-2

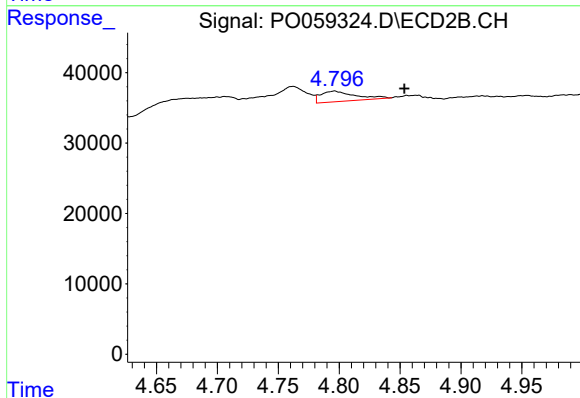
R.T.: 4.796 min
Delta R.T.: -0.018 min
Response: 29030
Conc: 26.20 ng/ml



#23 AR-1248-3

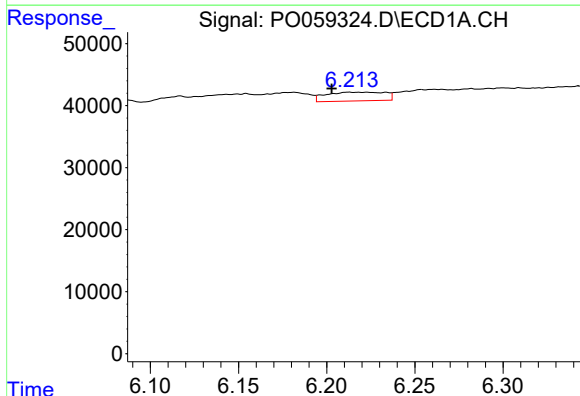
R.T.: 5.846 min
Delta R.T.: 0.043 min
Response: 25696
Conc: 15.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



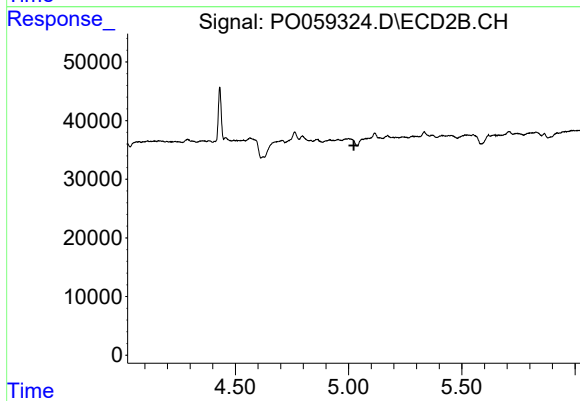
#23 AR-1248-3

R.T.: 4.796 min
Delta R.T.: -0.058 min
Response: 29030
Conc: 25.51 ng/ml



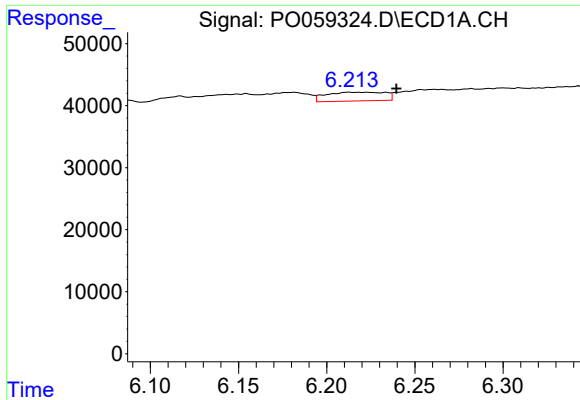
#24 AR-1248-4

R.T.: 6.213 min
Delta R.T.: 0.010 min
Response: 33086
Conc: 16.34 ng/ml



#24 AR-1248-4

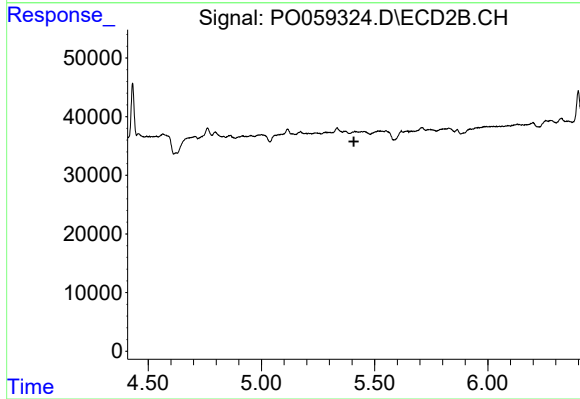
R.T.: 0.000 min
Exp R.T.: 5.023 min
Response: 0
Conc: N.D.



#25 AR-1248-5

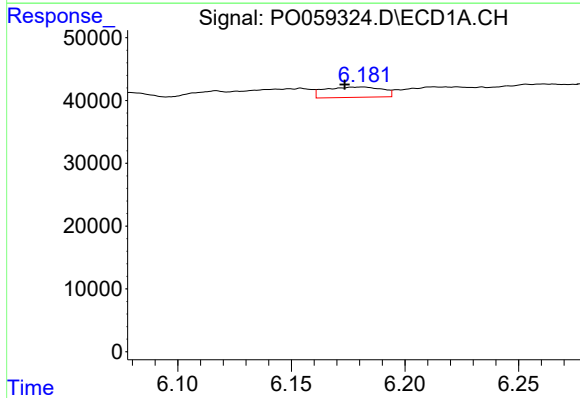
R.T.: 6.213 min
Delta R.T.: -0.027 min
Response: 33086
Conc: 17.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



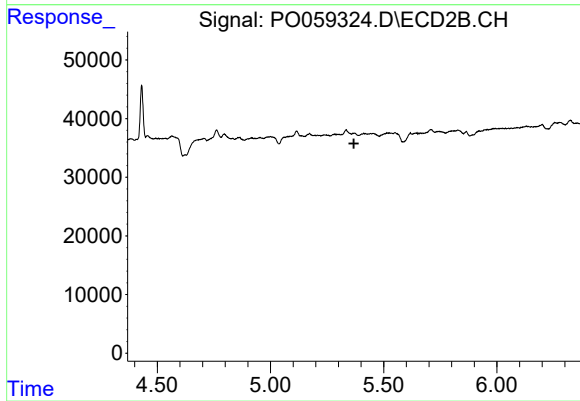
#25 AR-1248-5

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



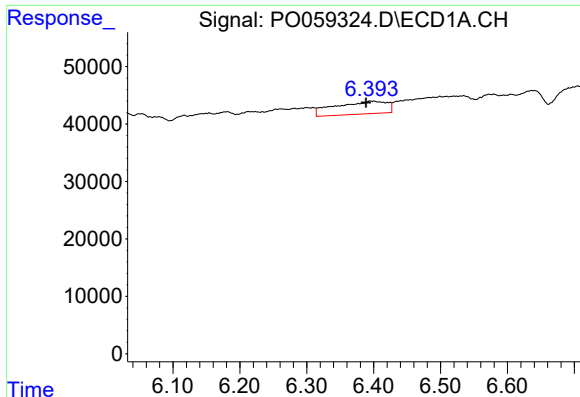
#26 AR-1254-1

R.T.: 6.181 min
Delta R.T.: 0.008 min
Response: 28593
Conc: 12.11 ng/ml



#26 AR-1254-1

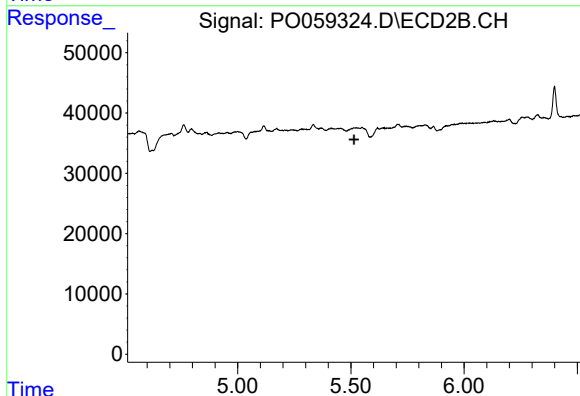
R.T.: 0.000 min
Exp R.T. : 5.368 min
Response: 0
Conc: N.D.



#27 AR-1254-2

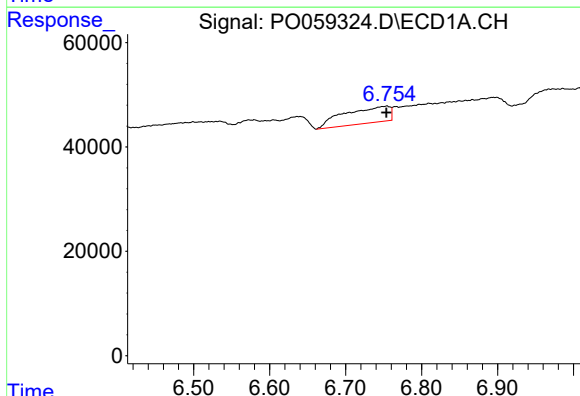
R.T.: 6.401 min
Delta R.T.: 0.012 min
Response: 119593
Conc: 31.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



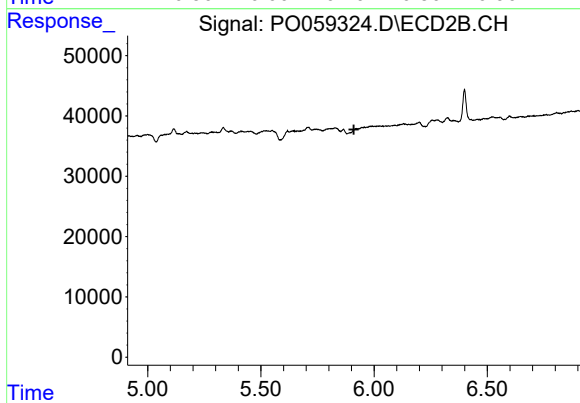
#27 AR-1254-2

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



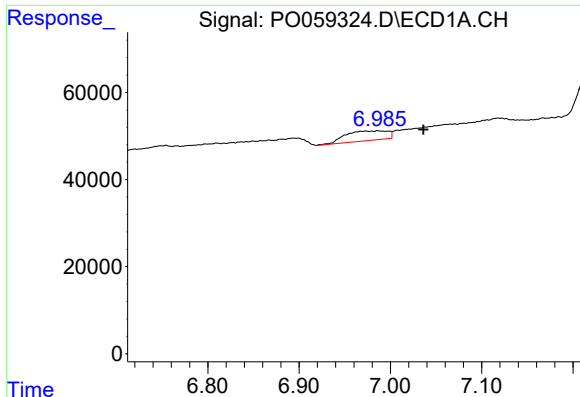
#28 AR-1254-3

R.T.: 6.754 min
Delta R.T.: 0.000 min
Response: 130631
Conc: 32.26 ng/ml



#28 AR-1254-3

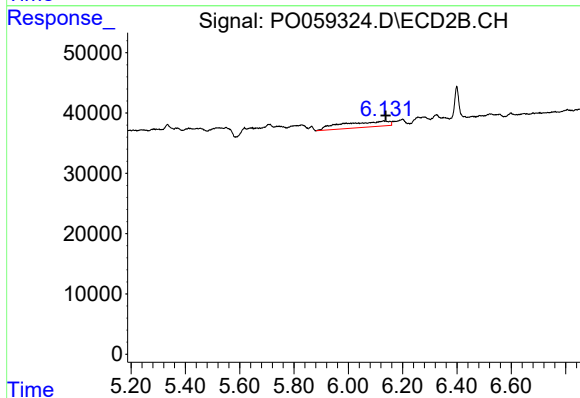
R.T.: 0.000 min
Exp R.T. : 5.911 min
Response: 0
Conc: N.D.



#29 AR-1254-4

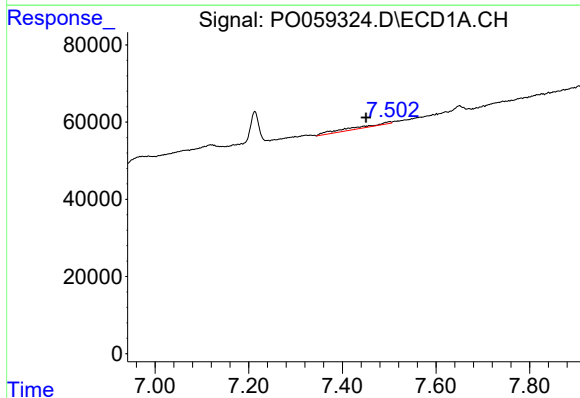
R.T.: 6.986 min
Delta R.T.: -0.050 min
Response: 71631
Conc: 19.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



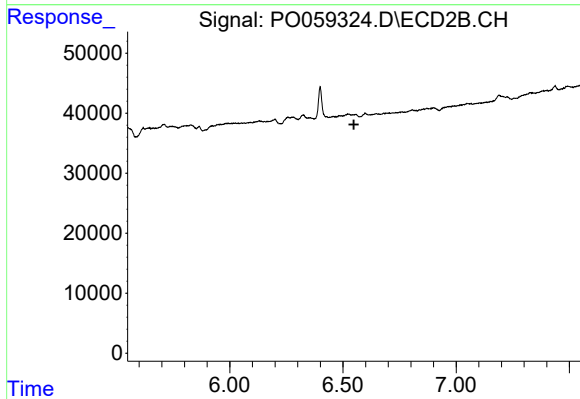
#29 AR-1254-4

R.T.: 6.130 min
Delta R.T.: -0.008 min
Response: 113392
Conc: 48.77 ng/ml



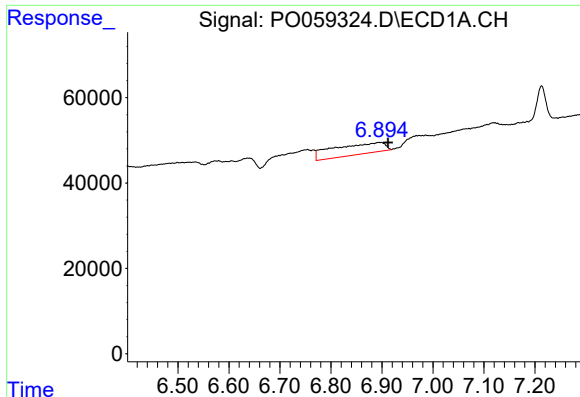
#30 AR-1254-5

R.T.: 7.501 min
Delta R.T.: 0.050 min
Response: 38500
Conc: 10.62 ng/ml



#30 AR-1254-5

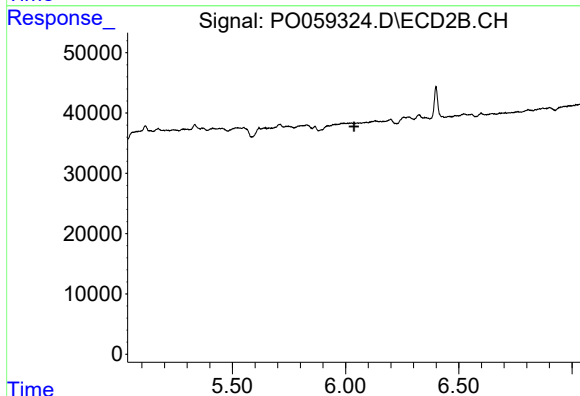
R.T.: 0.000 min
Exp R.T.: 6.548 min
Response: 0
Conc: N.D.



#31 AR-1260-1

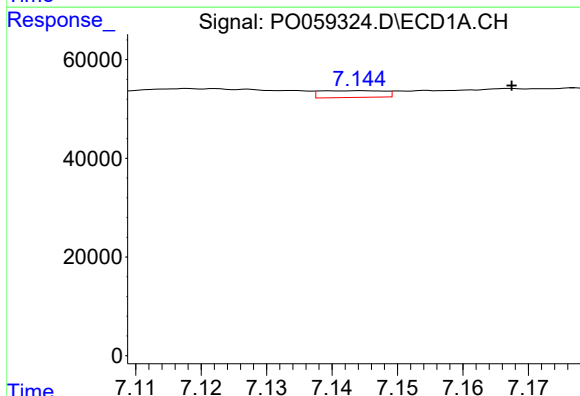
R.T.: 6.898 min
Delta R.T.: -0.013 min
Response: 181945
Conc: 63.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



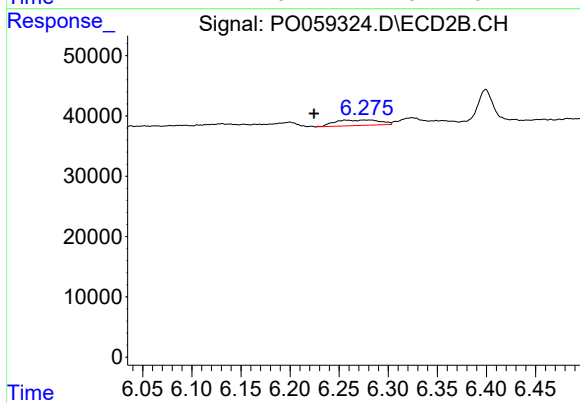
#31 AR-1260-1

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



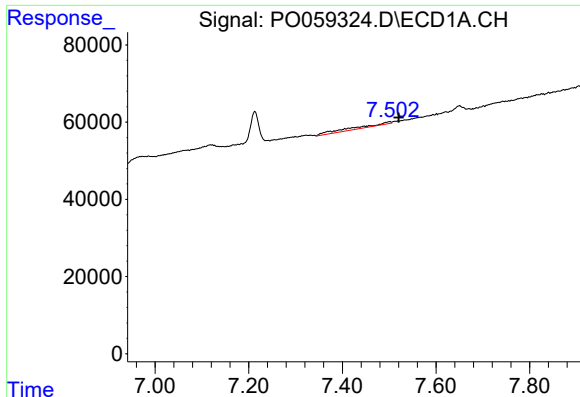
#32 AR-1260-2

R.T.: 7.144 min
Delta R.T.: -0.023 min
Response: 9203
Conc: 2.21 ng/ml



#32 AR-1260-2

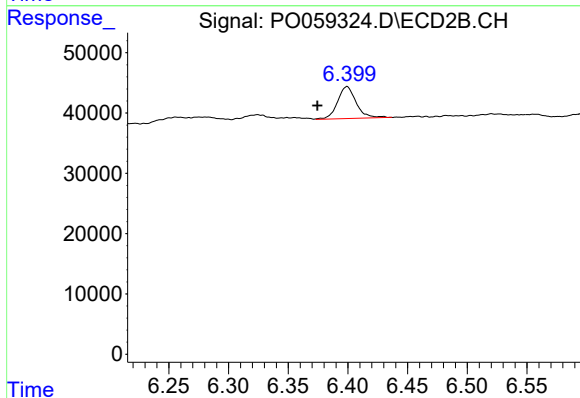
R.T.: 6.279 min
Delta R.T.: 0.054 min
Response: 29313
Conc: 9.68 ng/ml



#33 AR-1260-3

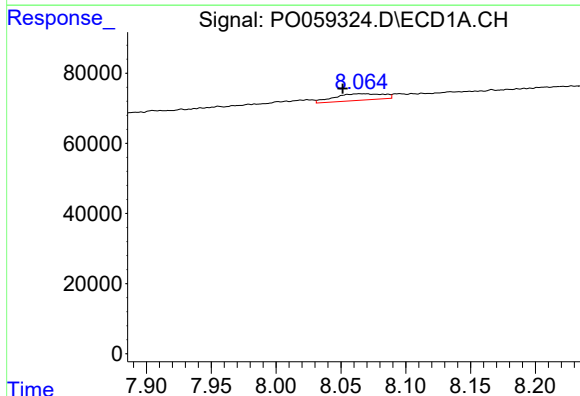
R.T.: 7.501 min
Delta R.T.: -0.020 min
Response: 38500
Conc: 10.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



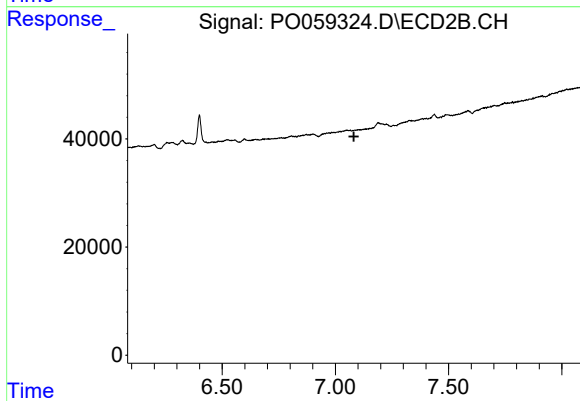
#33 AR-1260-3

R.T.: 6.399 min
Delta R.T.: 0.025 min
Response: 57431
Conc: 21.27 ng/ml



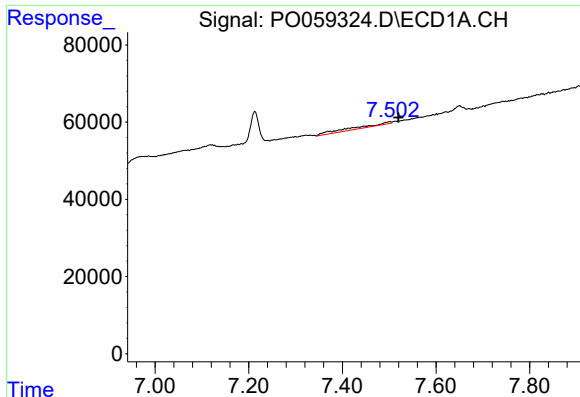
#35 AR-1260-5

R.T.: 8.065 min
Delta R.T.: 0.014 min
Response: 49149
Conc: 6.68 ng/ml



#35 AR-1260-5

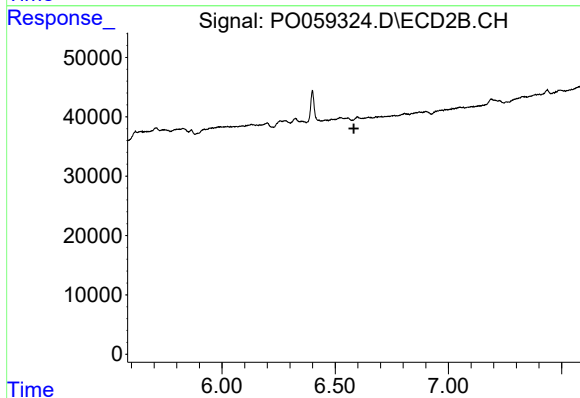
R.T.: 0.000 min
Exp R.T.: 7.082 min
Response: 0
Conc: N.D.



#36 AR-1262-1

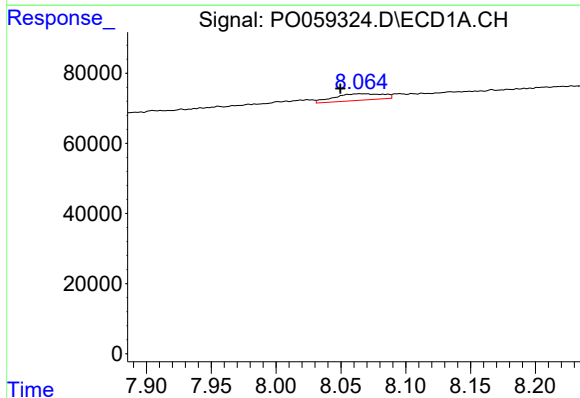
R.T.: 7.501 min
Delta R.T.: -0.019 min
Response: 38500
Conc: 7.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



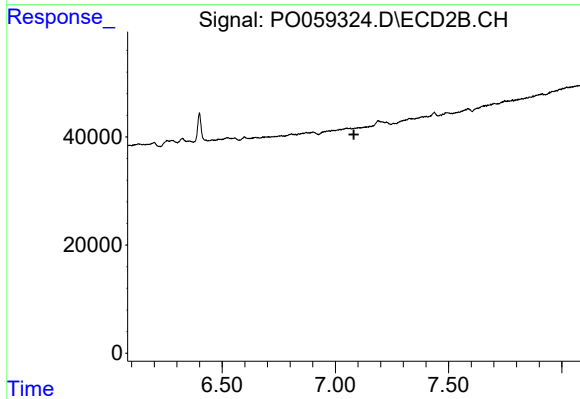
#36 AR-1262-1

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



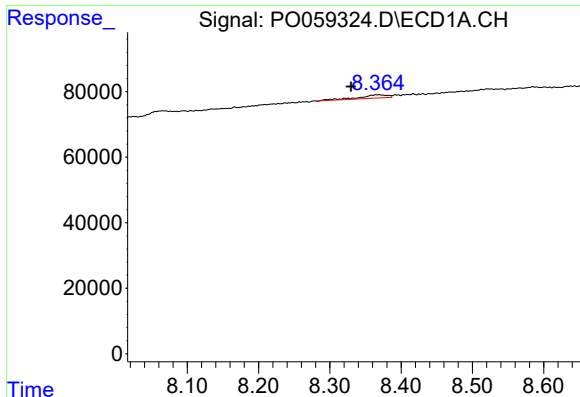
#37 AR-1262-2

R.T.: 8.065 min
Delta R.T.: 0.015 min
Response: 49149
Conc: 6.18 ng/ml



#37 AR-1262-2

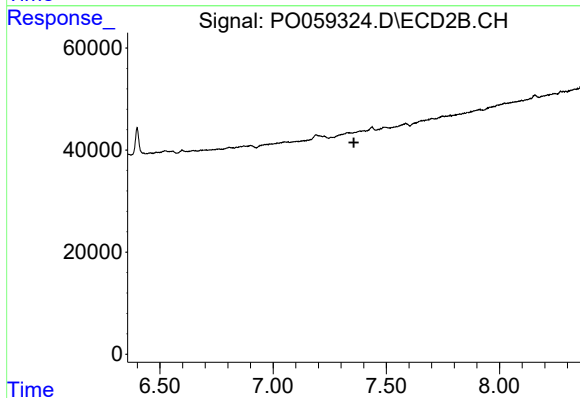
R.T.: 0.000 min
Exp R.T. : 7.082 min
Response: 0
Conc: N.D.



#38 AR-1262-3

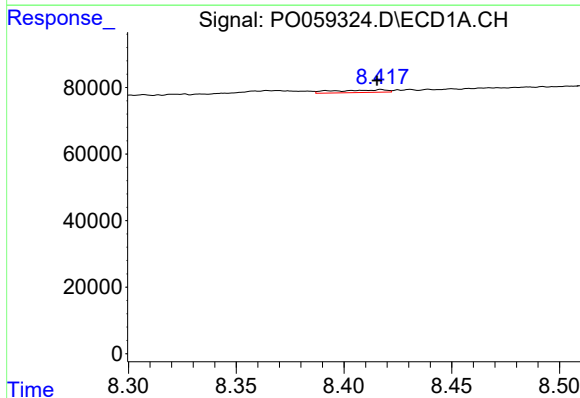
R.T.: 8.365 min
Delta R.T.: 0.035 min
Response: 28898
Conc: 5.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



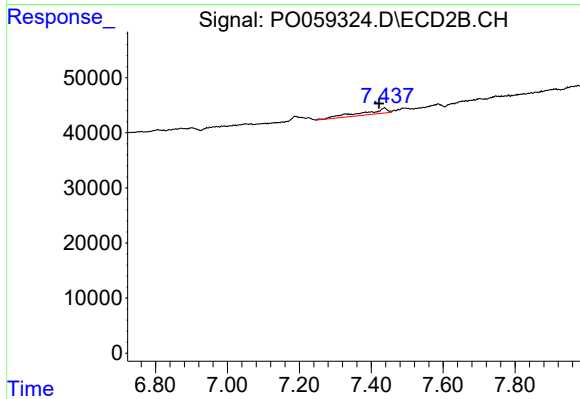
#38 AR-1262-3

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



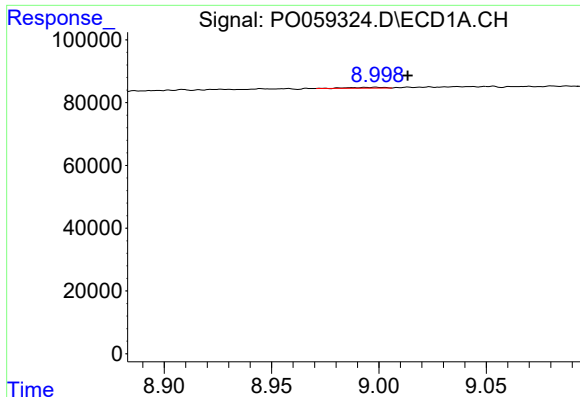
#39 AR-1262-4

R.T.: 8.417 min
Delta R.T.: 0.002 min
Response: 12960
Conc: 3.42 ng/ml



#39 AR-1262-4

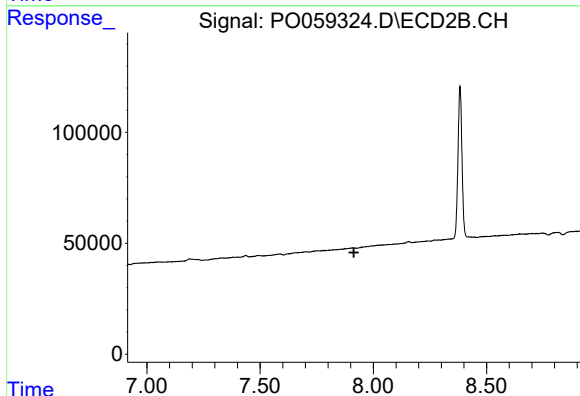
R.T.: 7.436 min
Delta R.T.: 0.014 min
Response: 46862
Conc: 11.04 ng/ml



#40 AR-1262-5

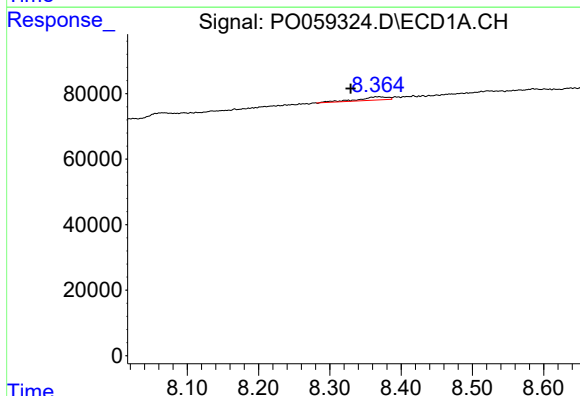
R.T.: 8.999 min
Delta R.T.: -0.015 min
Response: 3062
Conc: 1.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



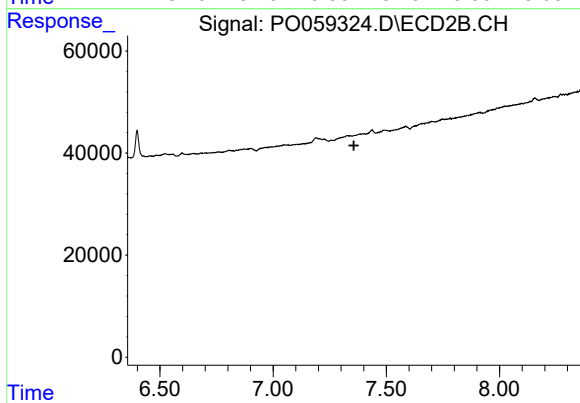
#40 AR-1262-5

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



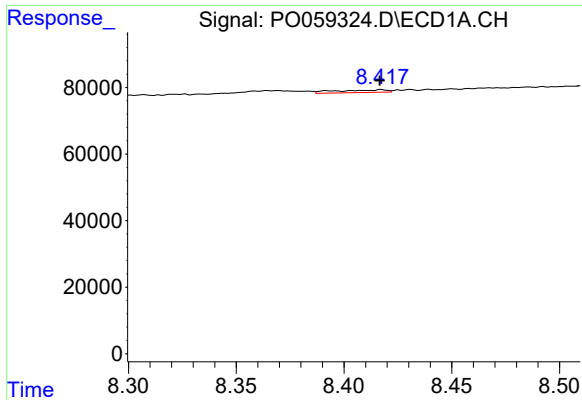
#41 AR-1268-1

R.T.: 8.365 min
Delta R.T.: 0.035 min
Response: 28898
Conc: 2.59 ng/ml



#41 AR-1268-1

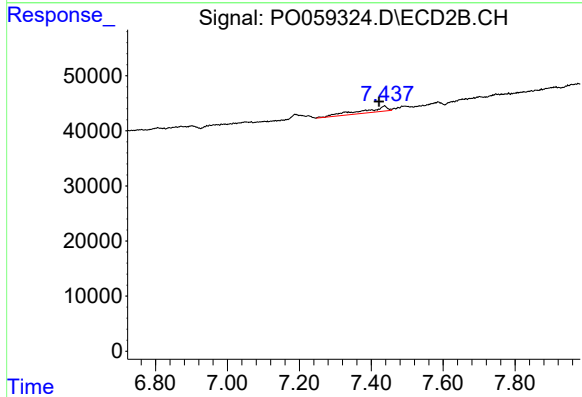
R.T.: 0.000 min
Exp R.T. : 7.357 min
Response: 0
Conc: N.D.



#42 AR-1268-2

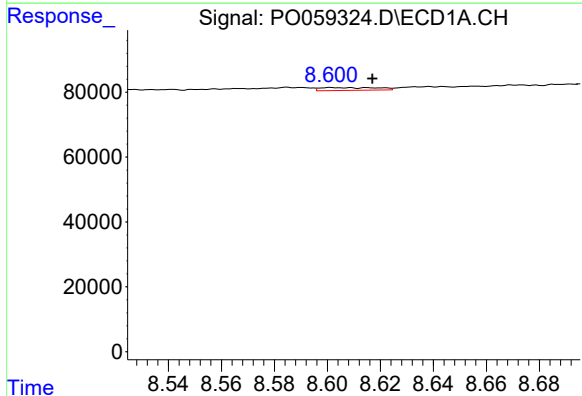
R.T.: 8.417 min
Delta R.T.: 0.000 min
Response: 12960
Conc: 1.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



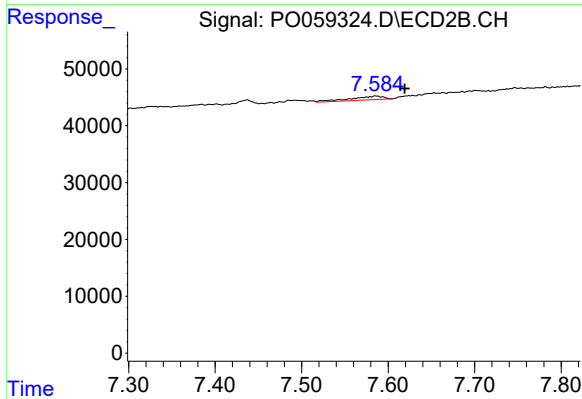
#42 AR-1268-2

R.T.: 7.436 min
Delta R.T.: 0.014 min
Response: 46862
Conc: 6.18 ng/ml



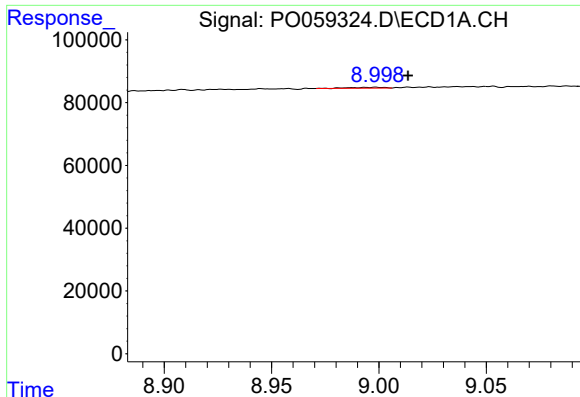
#43 AR-1268-3

R.T.: 8.601 min
Delta R.T.: -0.016 min
Response: 13258
Conc: 1.61 ng/ml



#43 AR-1268-3

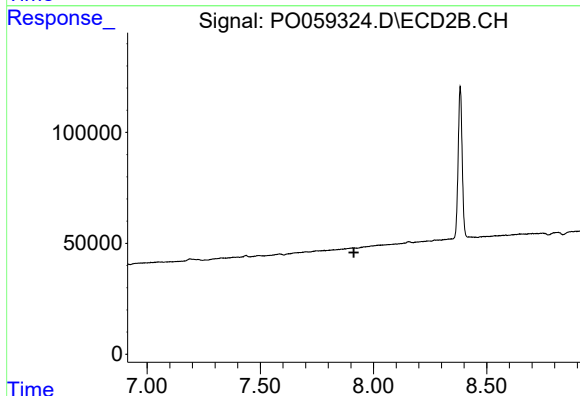
R.T.: 7.586 min
Delta R.T.: -0.033 min
Response: 17654
Conc: 2.76 ng/ml



#44 AR-1268-4

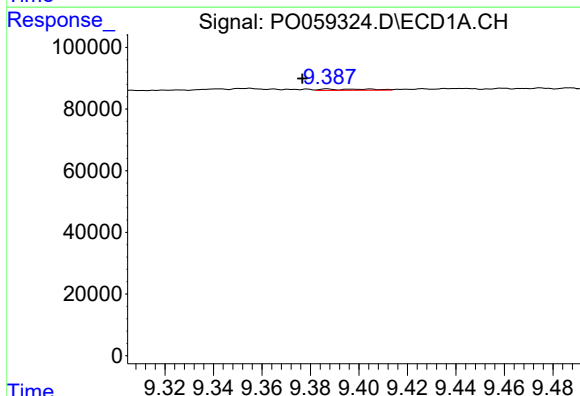
R.T.: 8.999 min
Delta R.T.: -0.015 min
Response: 3062
Conc: 1.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



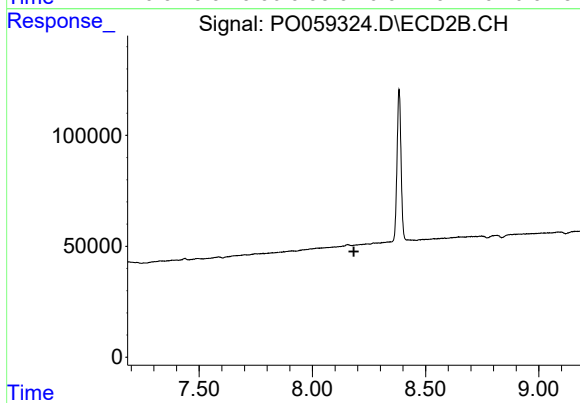
#44 AR-1268-4

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



#45 AR-1268-5

R.T.: 9.387 min
Delta R.T.: 0.010 min
Response: 6193
Conc: 0.29 ng/ml



#45 AR-1268-5

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