

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0040723\
 Data File : P0093934.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Apr 2023 17:09
 Operator : YP/AJ
 Sample : 02213-01
 Misc : AR1221 LOD 25 PPB
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 07 22:44:21 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\P0040323.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Apr 04 06:20:55 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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...	4.436	3.624	64182937	24128448	17.169	18.948
2)	SA Decachlor...	10.259	8.643	48111493	21729052	21.508	21.734
Target Compounds							
3)	L1 AR-1016-1	5.614	0.000	898221	0	8.783	N.D. #
4)	L1 AR-1016-2	5.614	0.000	898221	0	5.763	N.D. #
5)	L1 AR-1016-3	5.697	0.000	583498	0	5.916	N.D. #
6)	L1 AR-1016-4	5.796	0.000	68068	0	0.926	N.D. #
7)	L1 AR-1016-5	6.093	0.000	428101	0	5.057	N.D. #
8)	L2 AR-1221-1	4.645	3.836	1104508	373639	23.949	23.861
9)	L2 AR-1221-2	4.698	3.923	16445	623723	0.479	52.847 #
10)	L2 AR-1221-3	4.808	3.998	2638829	929518	25.195	25.233
11)	L3 AR-1232-1	4.808	3.998	2638829	929518	30.235	29.753
12)	L3 AR-1232-2	5.343	0.000	158917	0	3.716	N.D. #
13)	L3 AR-1232-3	5.614	0.000	898221	0	12.228	N.D. #
14)	L3 AR-1232-4	5.796	0.000	68068	0	1.977	N.D. #
15)	L3 AR-1232-5	5.867	0.000	105651	0	3.326	N.D. #
16)	L4 AR-1242-1	5.614	0.000	898221	0	10.291	N.D. #
17)	L4 AR-1242-2	5.614	0.000	898221	0	6.755	N.D. #
18)	L4 AR-1242-3	5.697	0.000	583498	0	6.874	N.D. #
19)	L4 AR-1242-4	5.796	0.000	68068	0	1.089	N.D. #
20)	L4 AR-1242-5	6.516	0.000	392028	0	5.822	N.D. #
21)	L5 AR-1248-1	5.614	0.000	898221	0	13.350	N.D. #
22)	L5 AR-1248-2	5.867	0.000	105651	0	0.966	N.D. #
23)	L5 AR-1248-3	6.093	0.000	428101	0	3.546	N.D. #
24)	L5 AR-1248-4	6.503	0.000	805757	0	7.503	N.D. #
25)	L5 AR-1248-5	6.516	0.000	392028	0	3.379	N.D. #
26)	L6 AR-1254-1	6.447	0.000	204372	0	1.507	N.D. #
27)	L6 AR-1254-2	6.696	0.000	42140	0	0.216	N.D. #
28)	L6 AR-1254-3	7.063	0.000	625184	0	3.384	N.D. #
29)	L6 AR-1254-4	7.348	0.000	2618	0	0.026	N.D. #
30)	L6 AR-1254-5	7.779	0.000	1010492	0	7.452	N.D. #
31)	L7 AR-1260-1	7.218	0.000	5472	0	0.037	N.D. #
32)	L7 AR-1260-2	7.464	0.000	197178	0	1.232	N.D. #
33)	L7 AR-1260-3	7.836	0.000	195444	0	1.472	N.D. #
34)	L7 AR-1260-4	8.055	0.000	205876	0	1.495	N.D. #
35)	L7 AR-1260-5	8.378	0.000	639149	0	2.935	N.D. #
36)	L8 AR-1262-1	7.836	0.000	195444	0	1.144	N.D. #
37)	L8 AR-1262-2	8.378	0.000	639149	0	2.750	N.D. #
38)	L8 AR-1262-3	8.721	0.000	124985	0	0.763	N.D. #
39)	L8 AR-1262-4	8.782	7.659f	2461928	569977	24.572	6.873 #
40)	L8 AR-1262-5	9.470	0.000	244239	0	3.035	N.D. #
41)	L9 AR-1268-1	8.721	0.000	124985	0	0.371	N.D. #

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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
42) L9	AR-1268-2	8.782	7.659f	2461928	569977	7.650	4.195 #
43) L9	AR-1268-3	9.048	0.000	244448	0	0.862	N.D. #
44) L9	AR-1268-4	9.470	0.000	244239	0	2.526	N.D. #
45) L9	AR-1268-5	9.909	0.000	156778	0	0.187	N.D. #

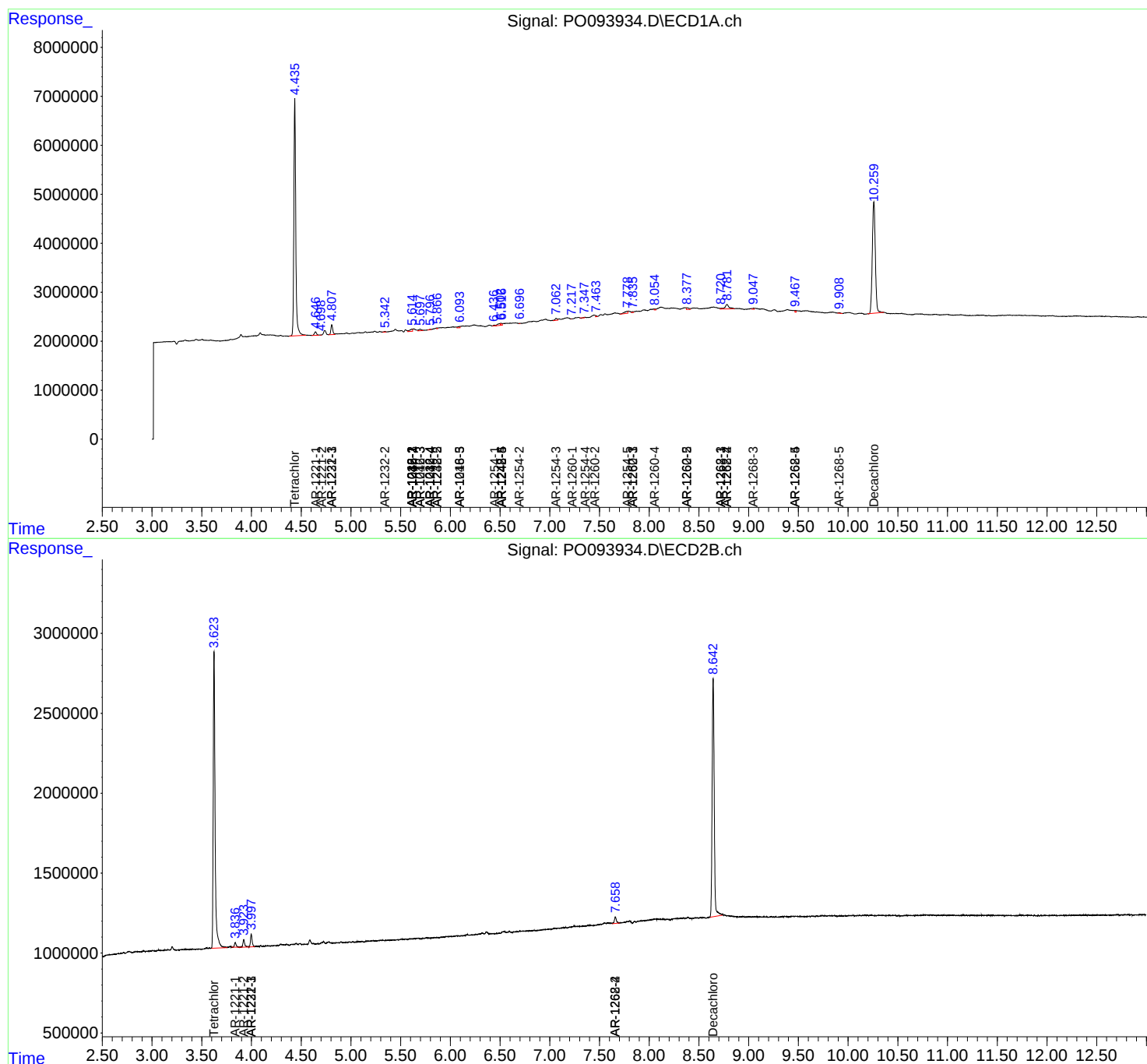
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

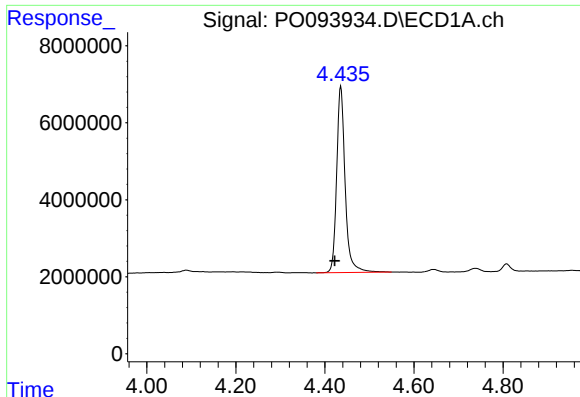
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0040723\
Data File : P0093934.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

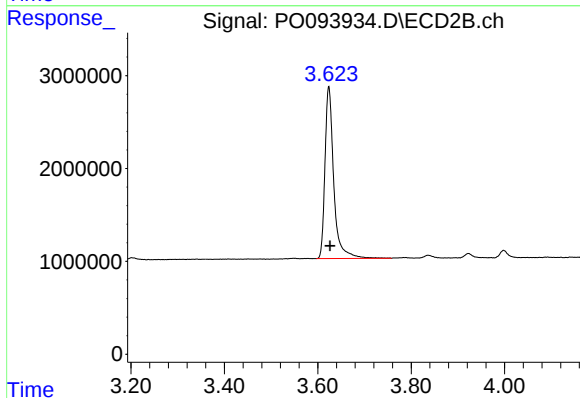




#1 Tetrachloro-m-xylene

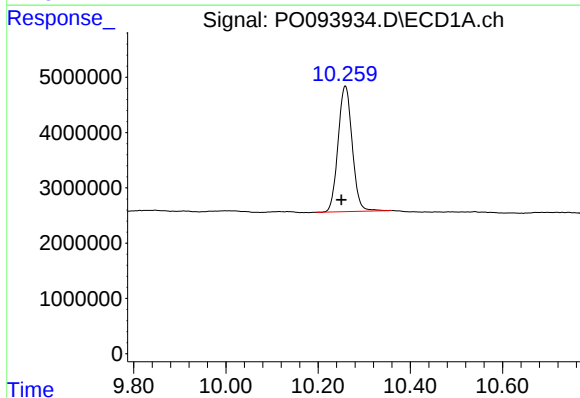
R.T.: 4.436 min
Delta R.T.: 0.014 min
Response: 64182937
Conc: 17.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



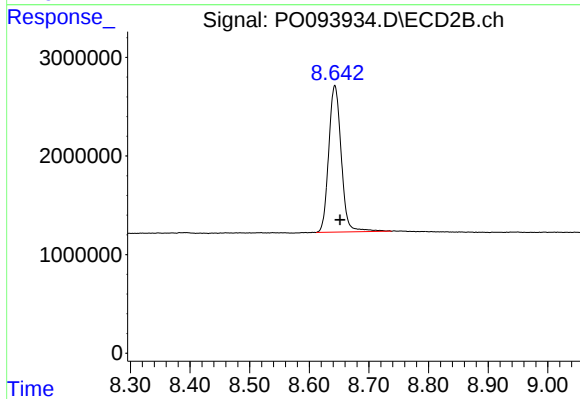
#1 Tetrachloro-m-xylene

R.T.: 3.624 min
Delta R.T.: -0.003 min
Response: 24128448
Conc: 18.95 ng/ml



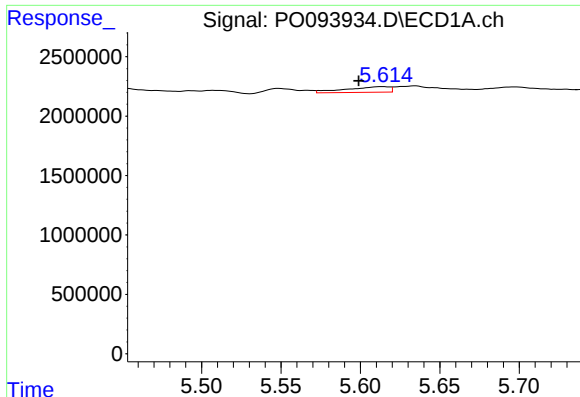
#2 Decachlorobiphenyl

R.T.: 10.259 min
Delta R.T.: 0.008 min
Response: 48111493
Conc: 21.51 ng/ml



#2 Decachlorobiphenyl

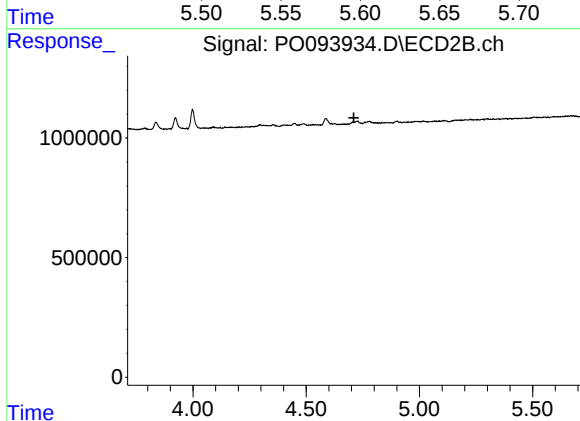
R.T.: 8.643 min
Delta R.T.: -0.008 min
Response: 21729052
Conc: 21.73 ng/ml



#3 AR-1016-1

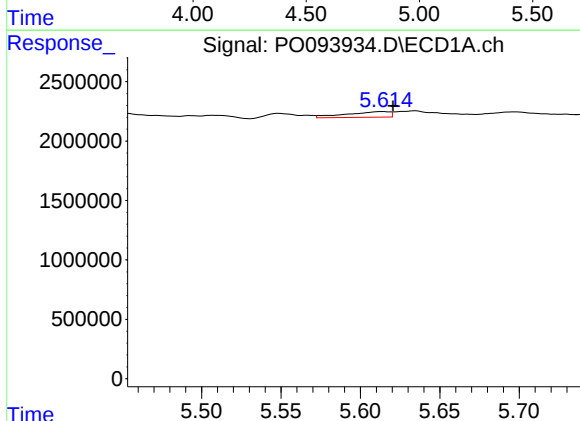
R.T.: 5.614 min
Delta R.T.: 0.016 min
Response: 898221
Conc: 8.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



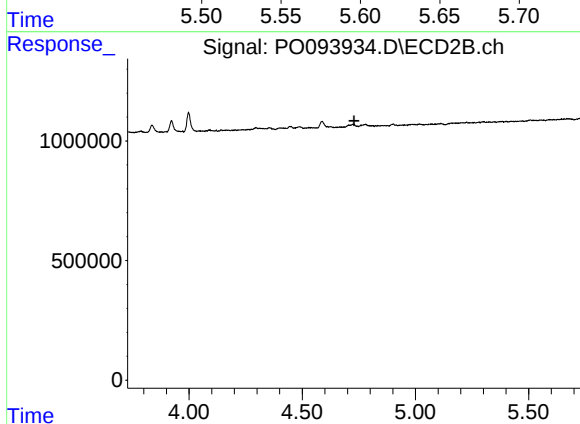
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.710 min
Response: 0
Conc: N.D.



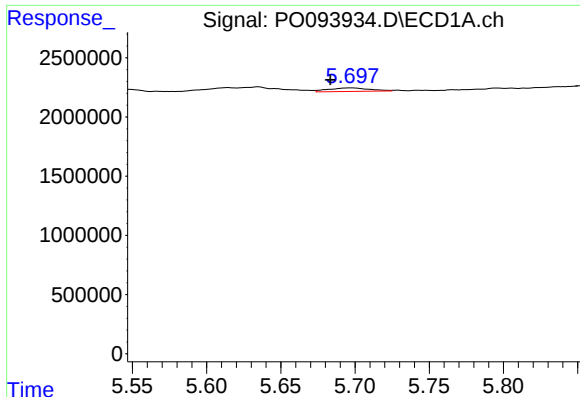
#4 AR-1016-2

R.T.: 5.614 min
Delta R.T.: -0.006 min
Response: 898221
Conc: 5.76 ng/ml



#4 AR-1016-2

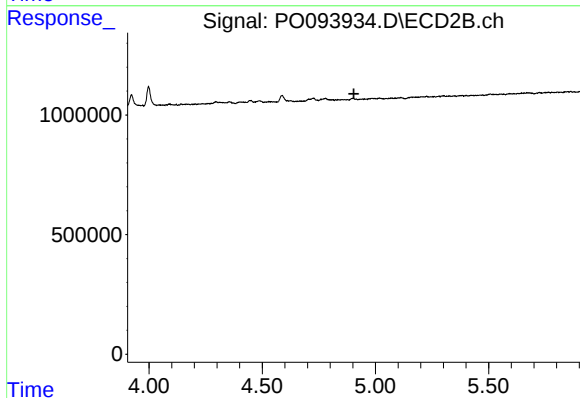
R.T.: 0.000 min
Exp R.T. : 4.729 min
Response: 0
Conc: N.D.



#5 AR-1016-3

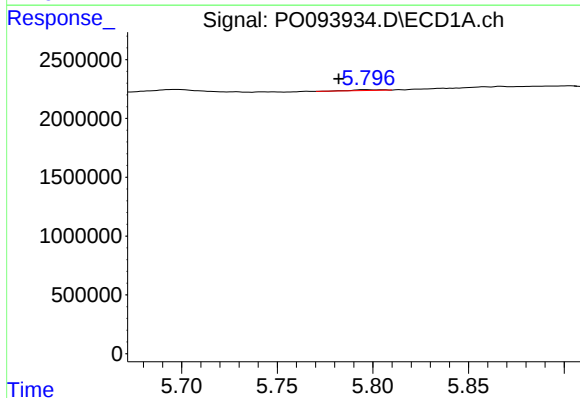
R.T.: 5.697 min
Delta R.T.: 0.014 min
Response: 583498
Conc: 5.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



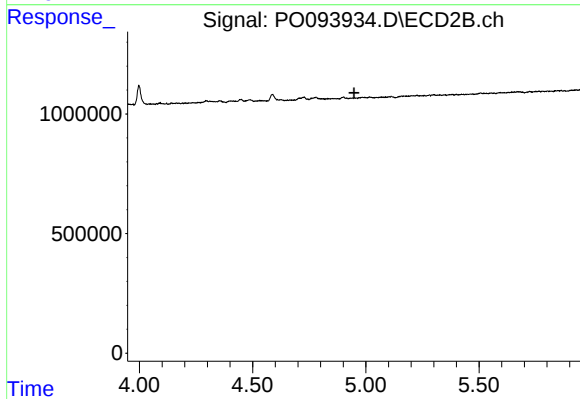
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.905 min
Response: 0
Conc: N.D.



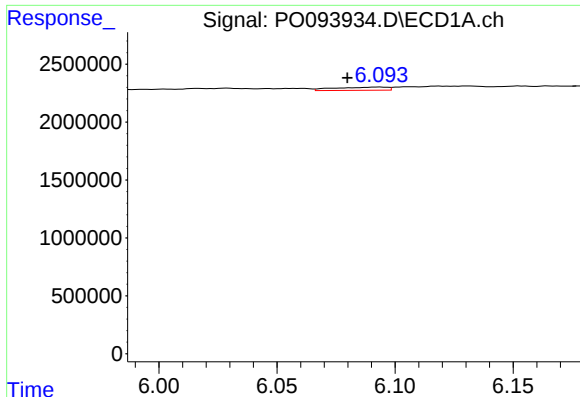
#6 AR-1016-4

R.T.: 5.796 min
Delta R.T.: 0.014 min
Response: 68068
Conc: 0.93 ng/ml



#6 AR-1016-4

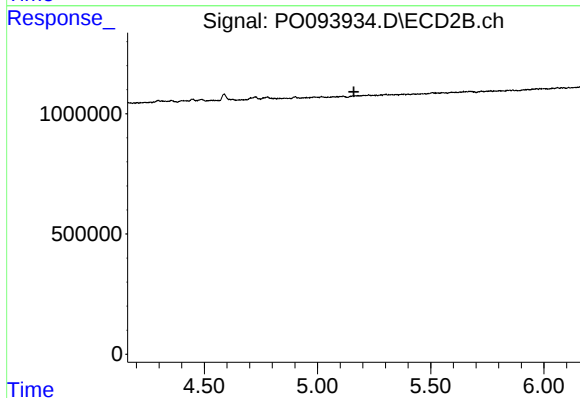
R.T.: 0.000 min
Exp R.T. : 4.948 min
Response: 0
Conc: N.D.



#7 AR-1016-5

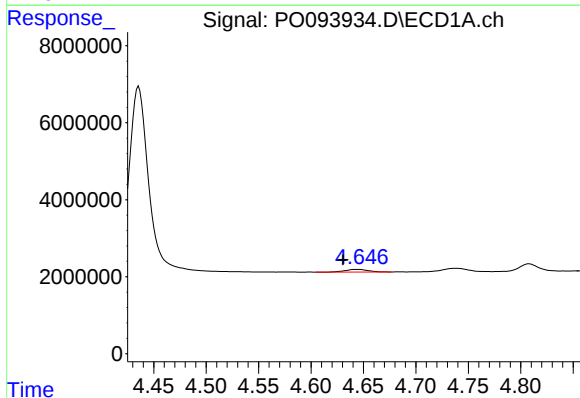
R.T.: 6.093 min
Delta R.T.: 0.013 min
Response: 428101
Conc: 5.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



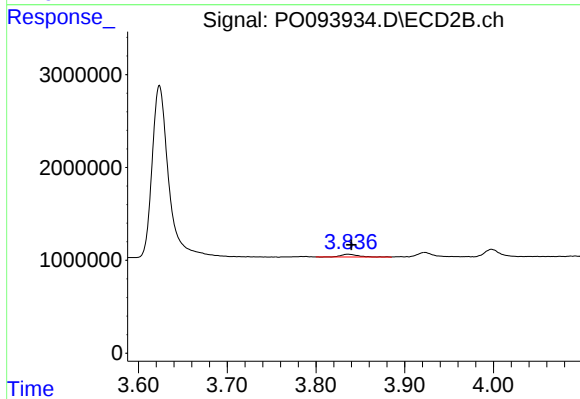
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.161 min
Response: 0
Conc: N.D.



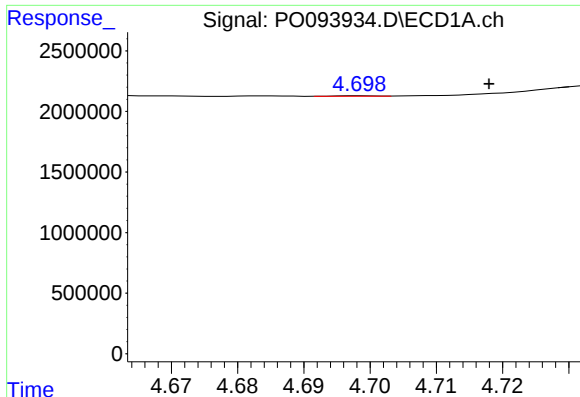
#8 AR-1221-1

R.T.: 4.645 min
Delta R.T.: 0.015 min
Response: 1104508
Conc: 23.95 ng/ml



#8 AR-1221-1

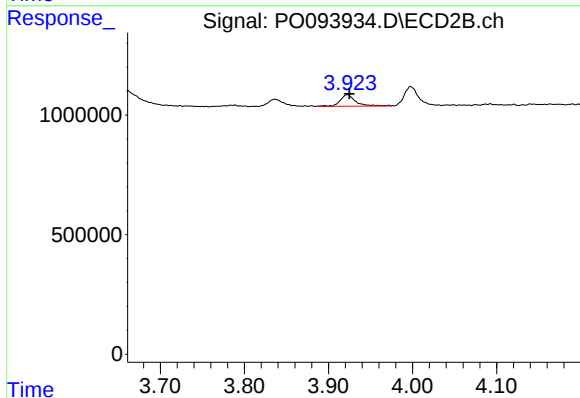
R.T.: 3.836 min
Delta R.T.: -0.003 min
Response: 373639
Conc: 23.86 ng/ml



#9 AR-1221-2

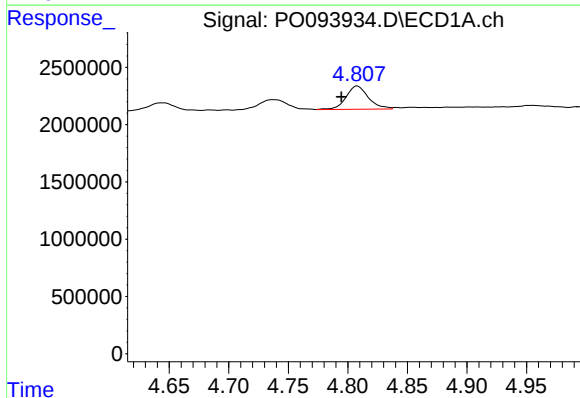
R.T.: 4.698 min
Delta R.T.: -0.020 min
Response: 16445
Conc: 0.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



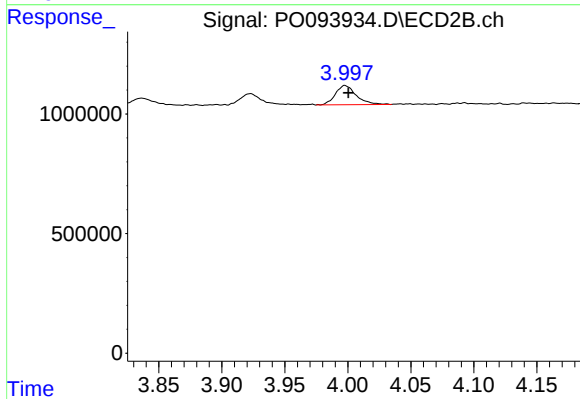
#9 AR-1221-2

R.T.: 3.923 min
Delta R.T.: -0.002 min
Response: 623723
Conc: 52.85 ng/ml



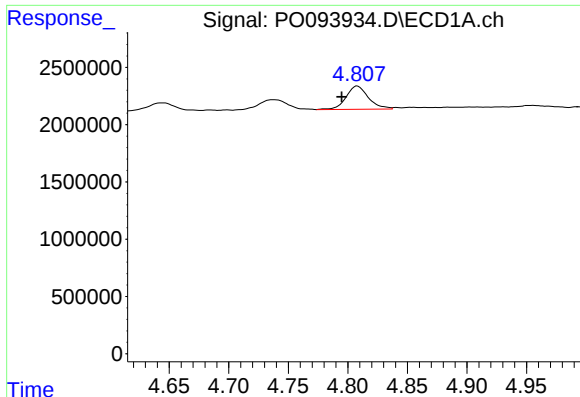
#10 AR-1221-3

R.T.: 4.808 min
Delta R.T.: 0.013 min
Response: 2638829
Conc: 25.20 ng/ml



#10 AR-1221-3

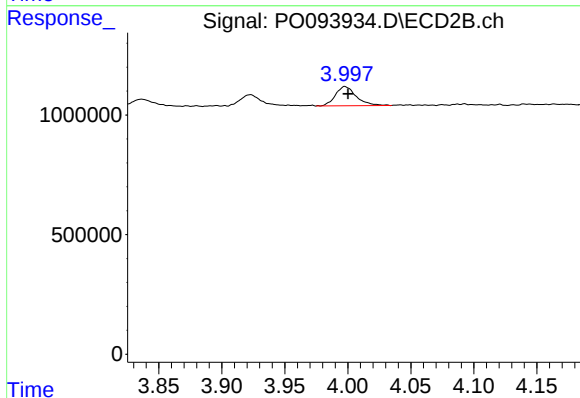
R.T.: 3.998 min
Delta R.T.: -0.003 min
Response: 929518
Conc: 25.23 ng/ml



#11 AR-1232-1

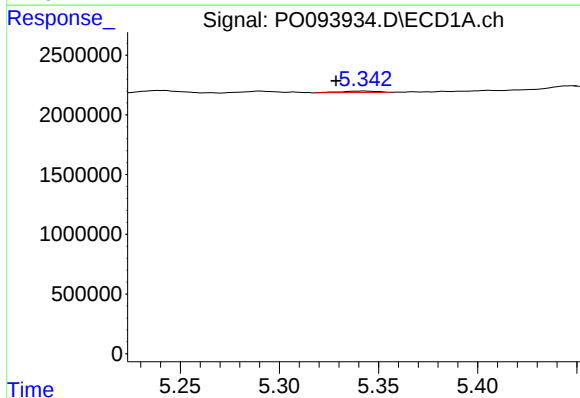
R.T.: 4.808 min
Delta R.T.: 0.013 min
Response: 2638829
Conc: 30.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



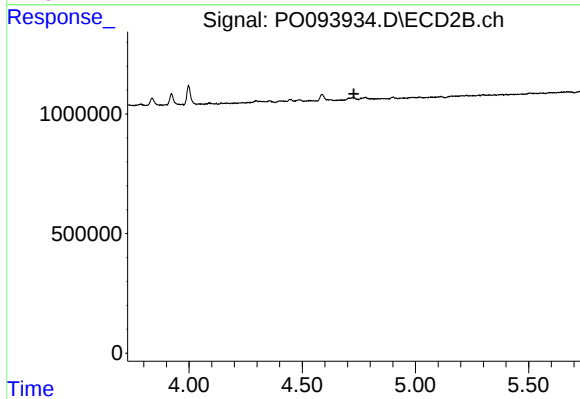
#11 AR-1232-1

R.T.: 3.998 min
Delta R.T.: -0.002 min
Response: 929518
Conc: 29.75 ng/ml



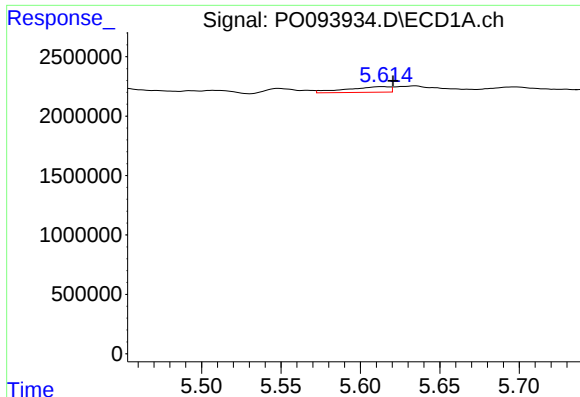
#12 AR-1232-2

R.T.: 5.343 min
Delta R.T.: 0.014 min
Response: 158917
Conc: 3.72 ng/ml



#12 AR-1232-2

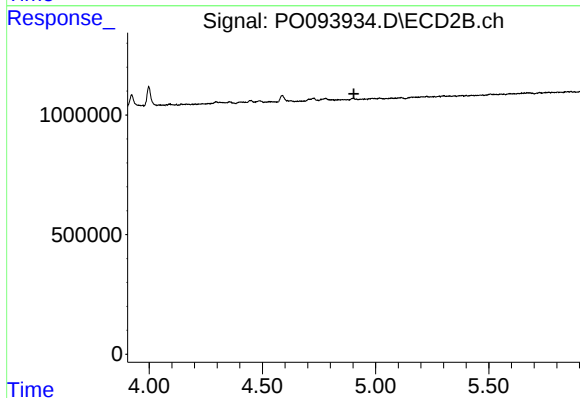
R.T.: 0.000 min
Exp R.T.: 4.728 min
Response: 0
Conc: N.D.



#13 AR-1232-3

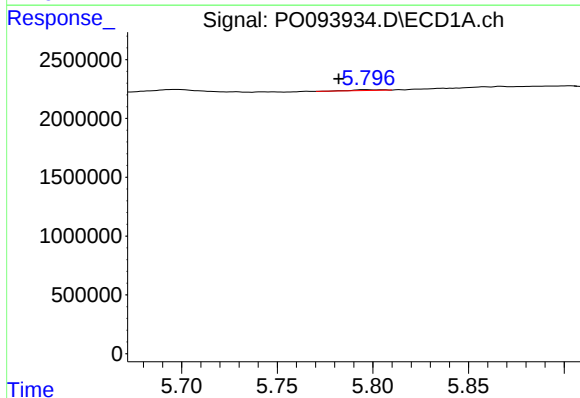
R.T.: 5.614 min
Delta R.T.: -0.006 min
Response: 898221
Conc: 12.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



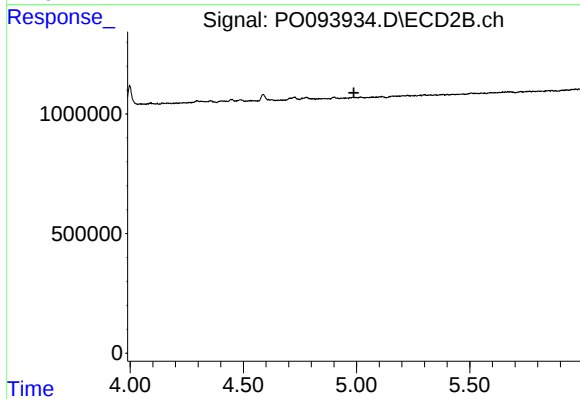
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 4.904 min
Response: 0
Conc: N.D.



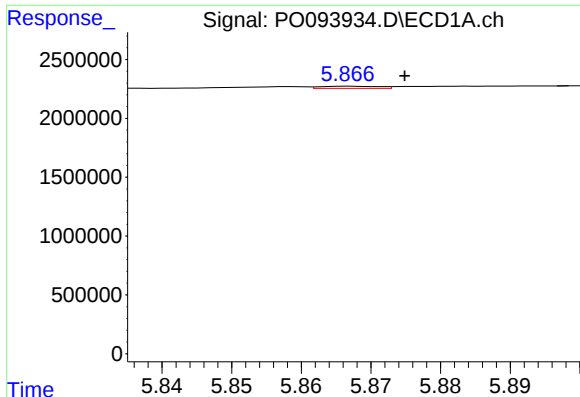
#14 AR-1232-4

R.T.: 5.796 min
Delta R.T.: 0.014 min
Response: 68068
Conc: 1.98 ng/ml



#14 AR-1232-4

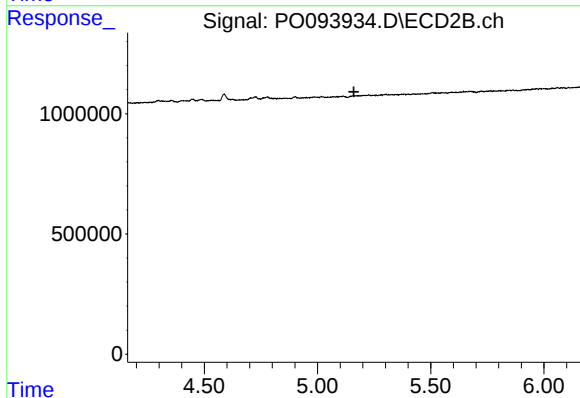
R.T.: 0.000 min
Exp R.T. : 4.988 min
Response: 0
Conc: N.D.



#15 AR-1232-5

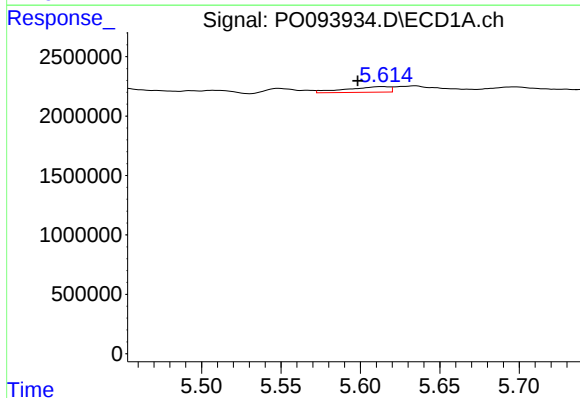
R.T.: 5.867 min
Delta R.T.: -0.008 min
Response: 105651
Conc: 3.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



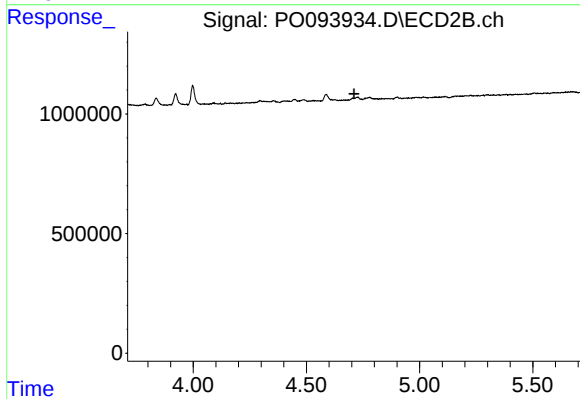
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.161 min
Response: 0
Conc: N.D.



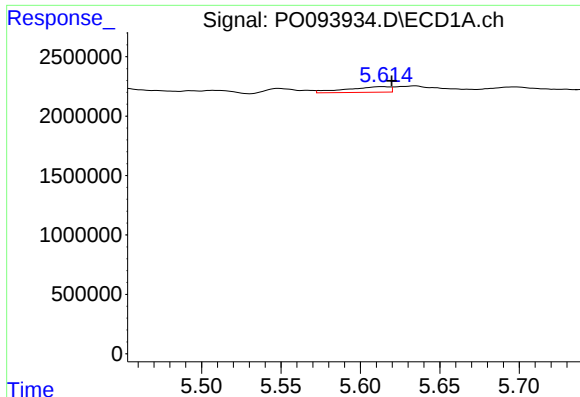
#16 AR-1242-1

R.T.: 5.614 min
Delta R.T.: 0.016 min
Response: 898221
Conc: 10.29 ng/ml



#16 AR-1242-1

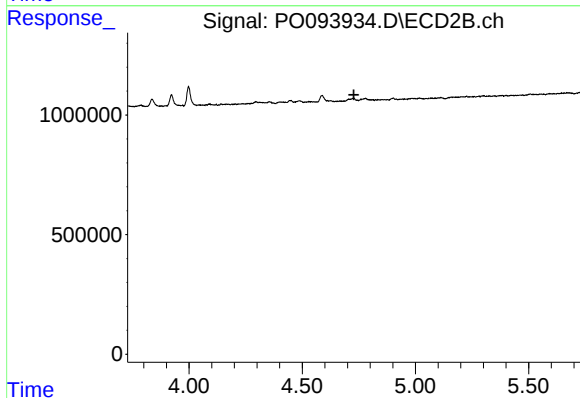
R.T.: 0.000 min
Exp R.T. : 4.710 min
Response: 0
Conc: N.D.



#17 AR-1242-2

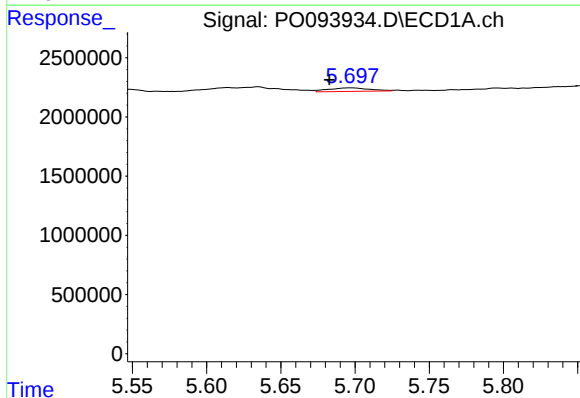
R.T.: 5.614 min
Delta R.T.: -0.005 min
Response: 898221
Conc: 6.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



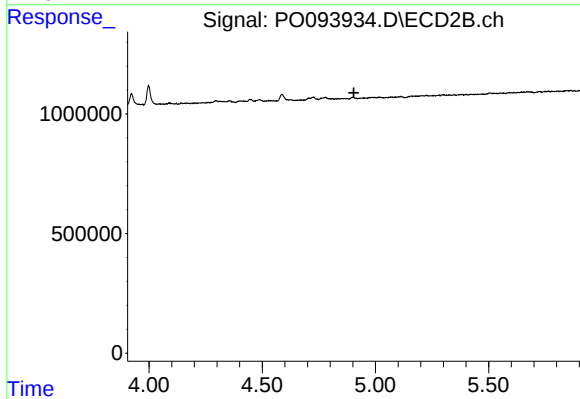
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.728 min
Response: 0
Conc: N.D.



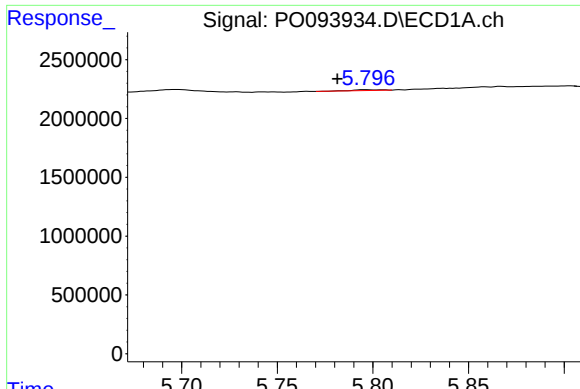
#18 AR-1242-3

R.T.: 5.697 min
Delta R.T.: 0.014 min
Response: 583498
Conc: 6.87 ng/ml



#18 AR-1242-3

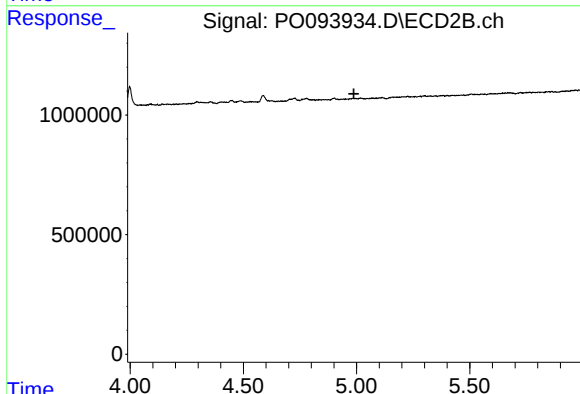
R.T.: 0.000 min
Exp R.T. : 4.904 min
Response: 0
Conc: N.D.



#19 AR-1242-4

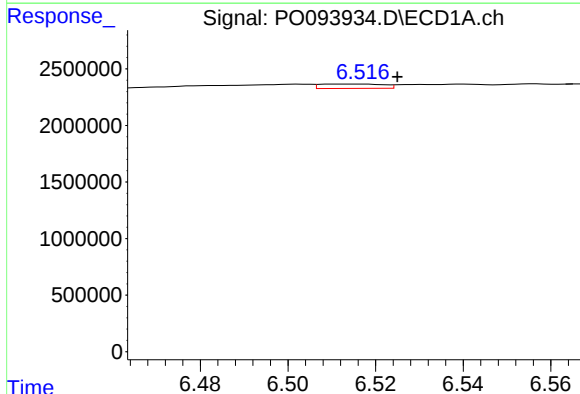
R.T.: 5.796 min
Delta R.T.: 0.015 min
Response: 68068
Conc: 1.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



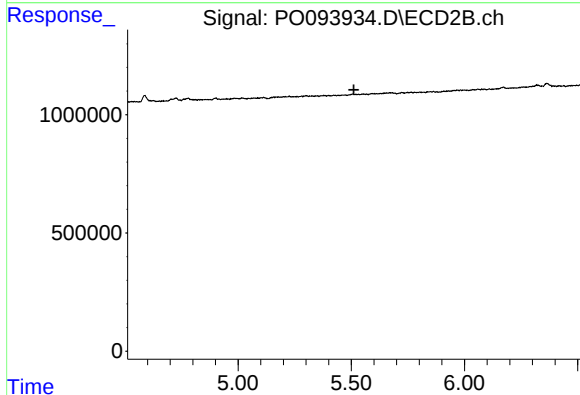
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 4.988 min
Response: 0
Conc: N.D.



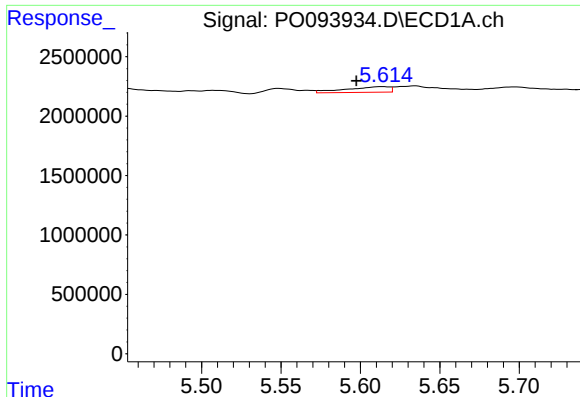
#20 AR-1242-5

R.T.: 6.516 min
Delta R.T.: -0.009 min
Response: 392028
Conc: 5.82 ng/ml



#20 AR-1242-5

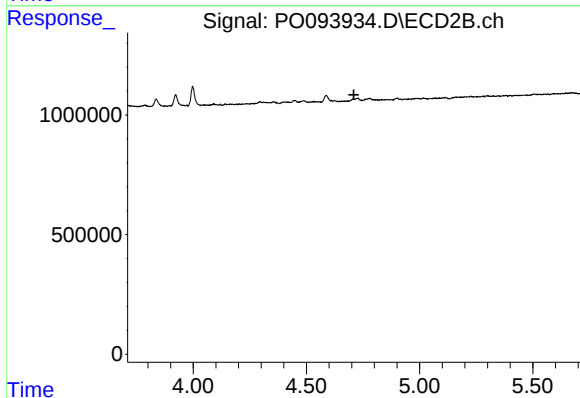
R.T.: 0.000 min
Exp R.T. : 5.512 min
Response: 0
Conc: N.D.



#21 AR-1248-1

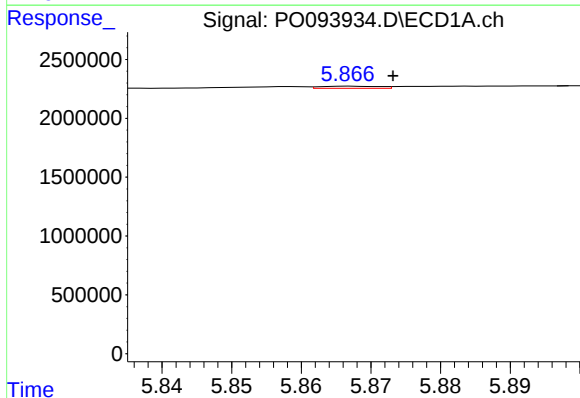
R.T.: 5.614 min
Delta R.T.: 0.017 min
Response: 898221
Conc: 13.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



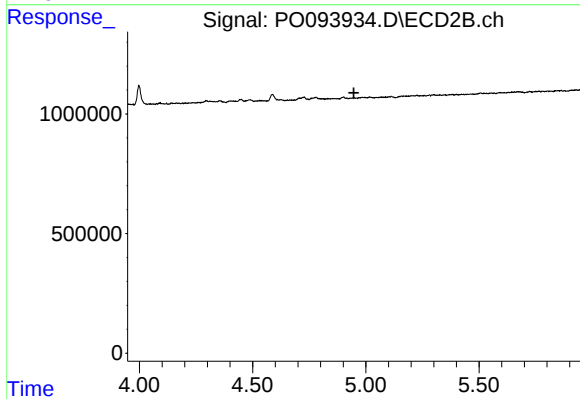
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.710 min
Response: 0
Conc: N.D.



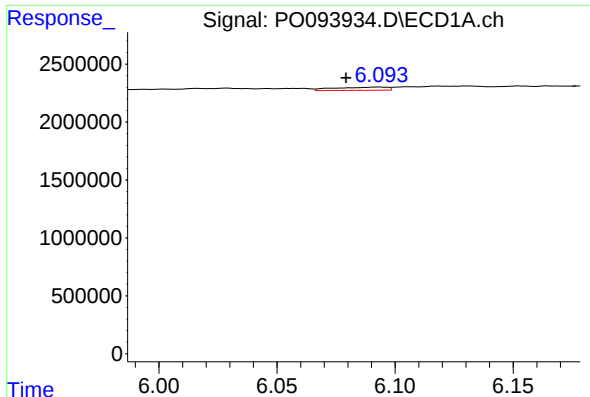
#22 AR-1248-2

R.T.: 5.867 min
Delta R.T.: -0.006 min
Response: 105651
Conc: 0.97 ng/ml



#22 AR-1248-2

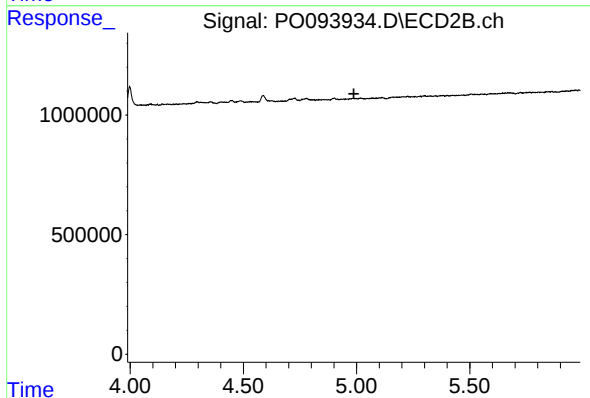
R.T.: 0.000 min
Exp R.T. : 4.947 min
Response: 0
Conc: N.D.



#23 AR-1248-3

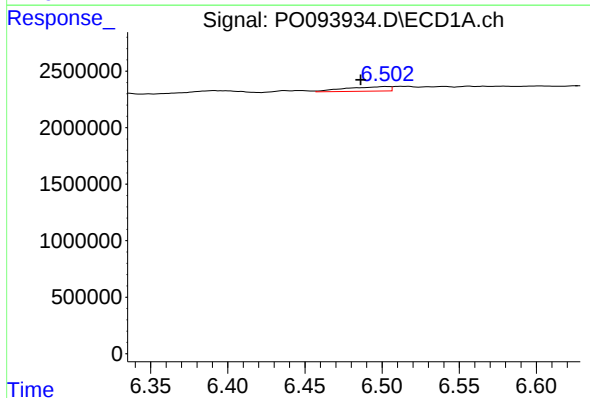
R.T.: 6.093 min
Delta R.T.: 0.014 min
Response: 428101
Conc: 3.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



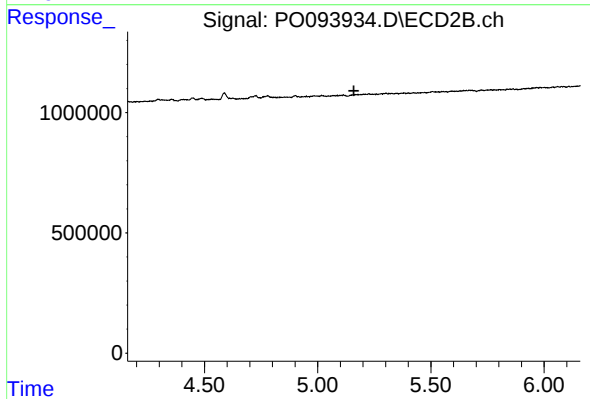
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 4.988 min
Response: 0
Conc: N.D.



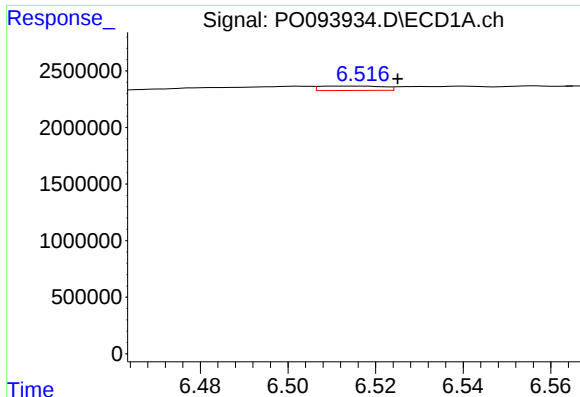
#24 AR-1248-4

R.T.: 6.503 min
Delta R.T.: 0.017 min
Response: 805757
Conc: 7.50 ng/ml



#24 AR-1248-4

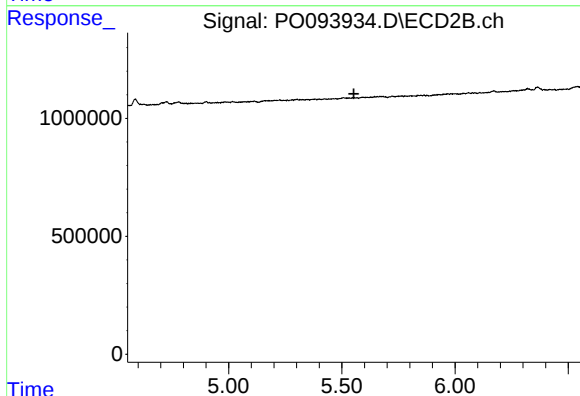
R.T.: 0.000 min
Exp R.T. : 5.160 min
Response: 0
Conc: N.D.



#25 AR-1248-5

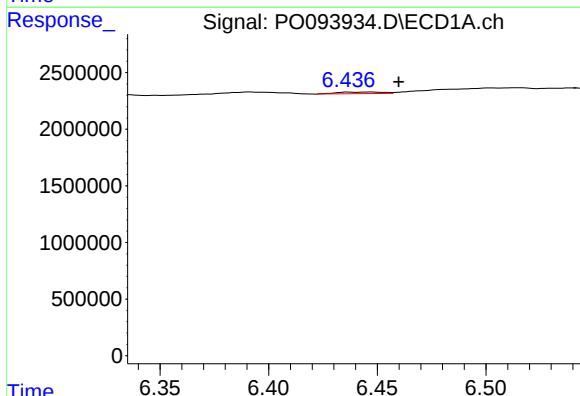
R.T.: 6.516 min
Delta R.T.: -0.009 min
Response: 392028
Conc: 3.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



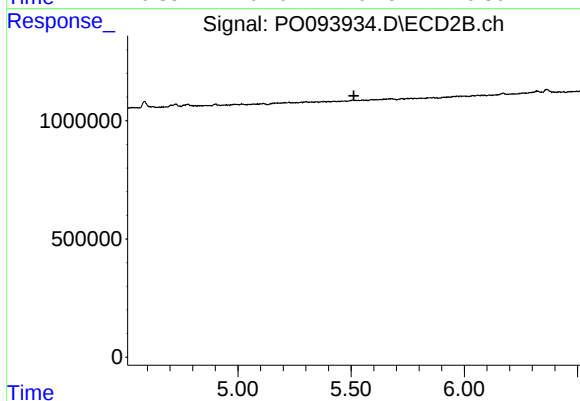
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 5.553 min
Response: 0
Conc: N.D.



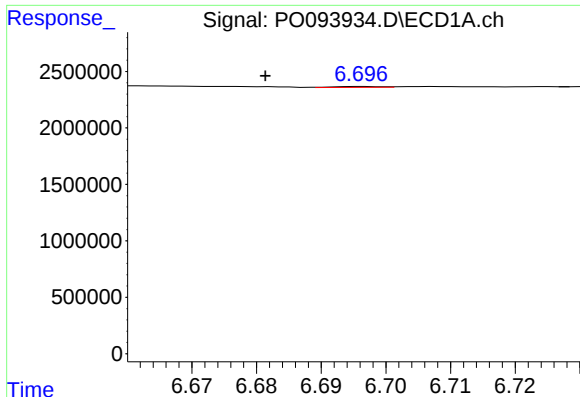
#26 AR-1254-1

R.T.: 6.447 min
Delta R.T.: -0.013 min
Response: 204372
Conc: 1.51 ng/ml



#26 AR-1254-1

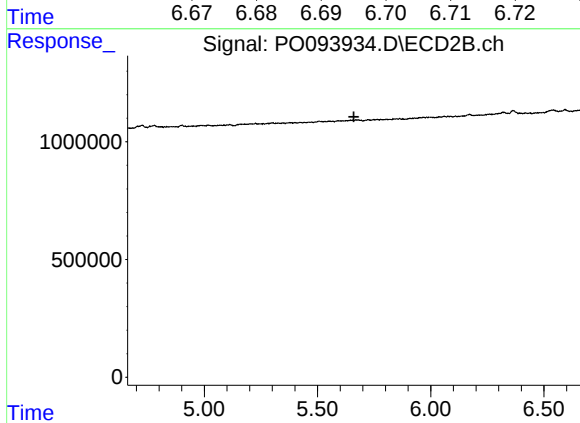
R.T.: 0.000 min
Exp R.T. : 5.512 min
Response: 0
Conc: N.D.



#27 AR-1254-2

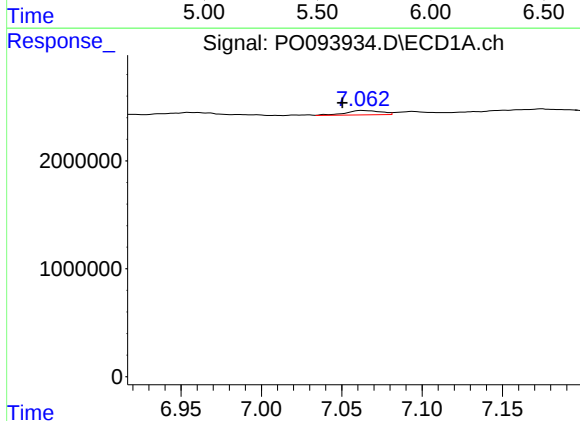
R.T.: 6.696 min
Delta R.T.: 0.015 min
Response: 42140
Conc: 0.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



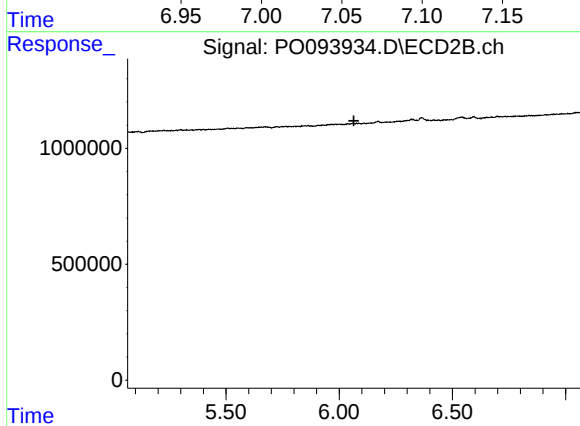
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 5.660 min
Response: 0
Conc: N.D.



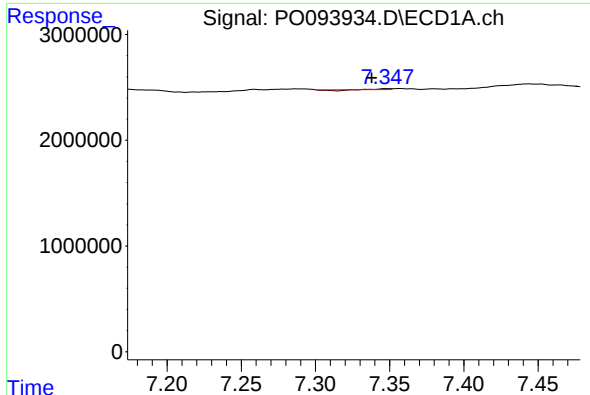
#28 AR-1254-3

R.T.: 7.063 min
Delta R.T.: 0.012 min
Response: 625184
Conc: 3.38 ng/ml



#28 AR-1254-3

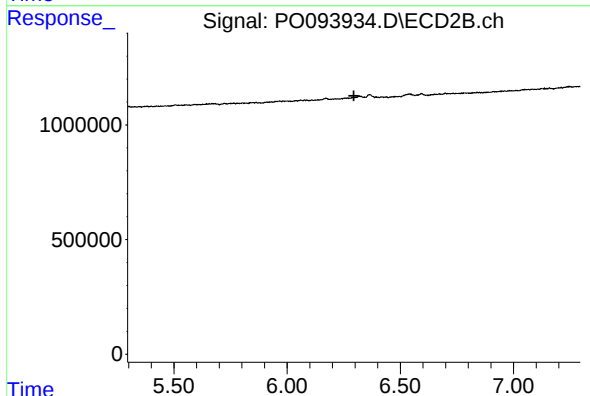
R.T.: 0.000 min
Exp R.T. : 6.065 min
Response: 0
Conc: N.D.



#29 AR-1254-4

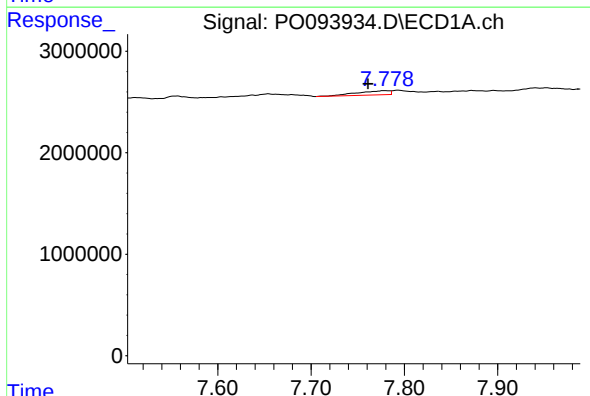
R.T.: 7.348 min
Delta R.T.: 0.010 min
Response: 2618
Conc: 0.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



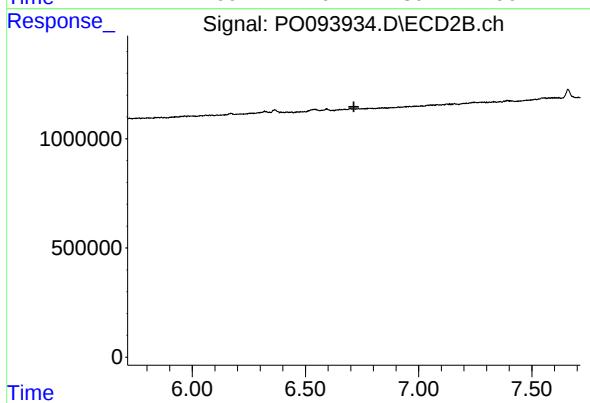
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.295 min
Response: 0
Conc: N.D.



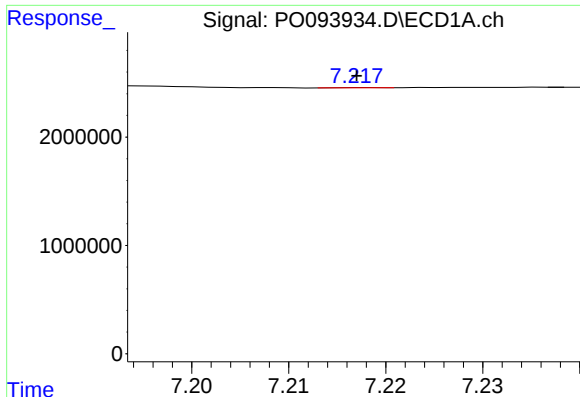
#30 AR-1254-5

R.T.: 7.779 min
Delta R.T.: 0.018 min
Response: 1010492
Conc: 7.45 ng/ml



#30 AR-1254-5

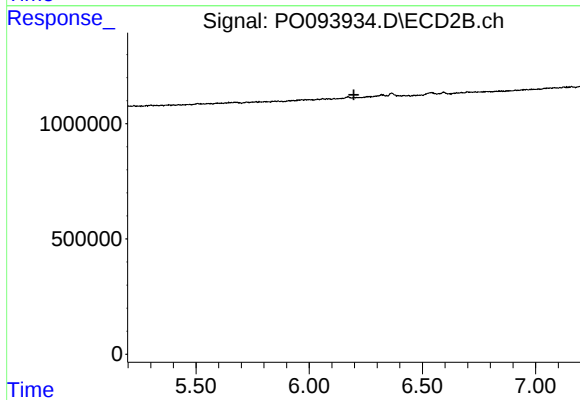
R.T.: 0.000 min
Exp R.T. : 6.714 min
Response: 0
Conc: N.D.



#31 AR-1260-1

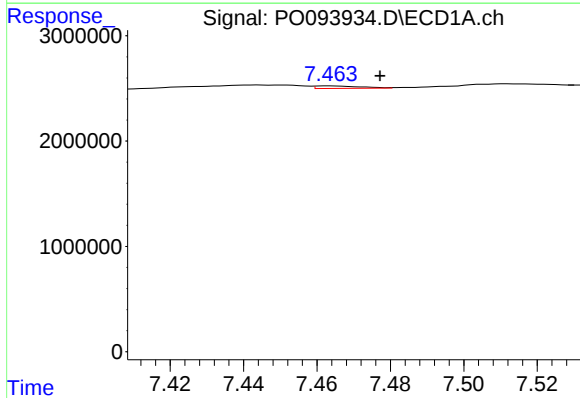
R.T.: 7.218 min
Delta R.T.: 0.000 min
Response: 5472
Conc: 0.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



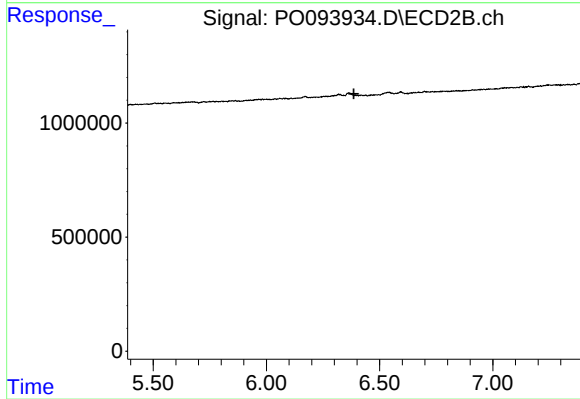
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 6.197 min
Response: 0
Conc: N.D.



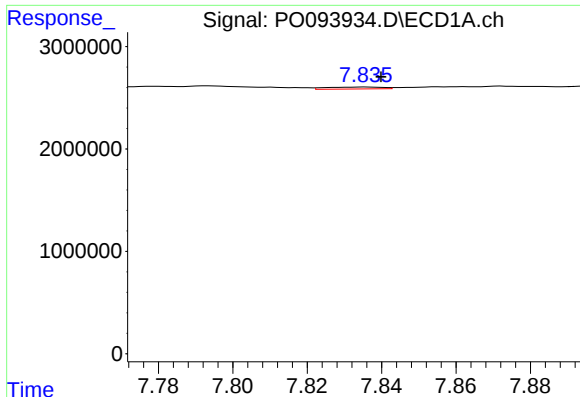
#32 AR-1260-2

R.T.: 7.464 min
Delta R.T.: -0.014 min
Response: 197178
Conc: 1.23 ng/ml



#32 AR-1260-2

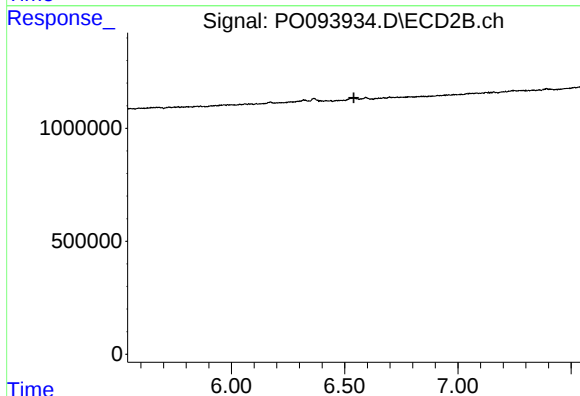
R.T.: 0.000 min
Exp R.T. : 6.387 min
Response: 0
Conc: N.D.



#33 AR-1260-3

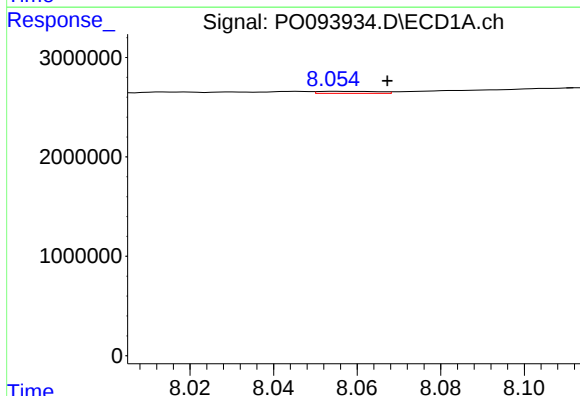
R.T.: 7.836 min
Delta R.T.: -0.004 min
Response: 195444
Conc: 1.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



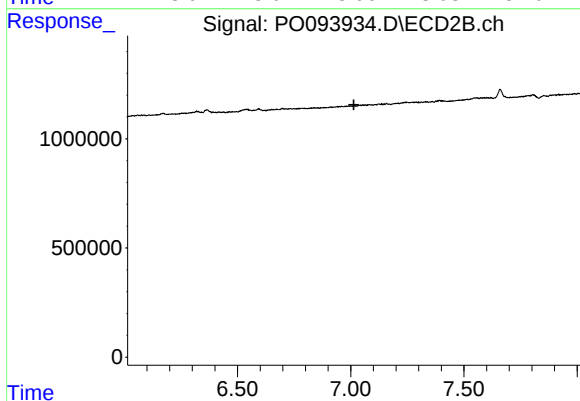
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 6.540 min
Response: 0
Conc: N.D.



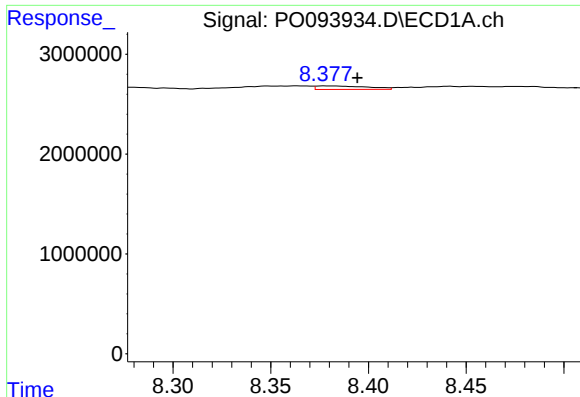
#34 AR-1260-4

R.T.: 8.055 min
Delta R.T.: -0.012 min
Response: 205876
Conc: 1.49 ng/ml



#34 AR-1260-4

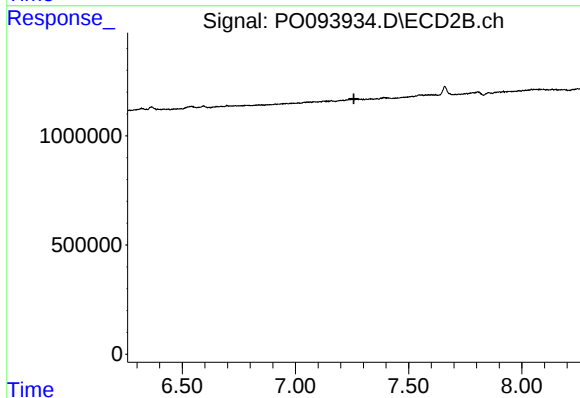
R.T.: 0.000 min
Exp R.T. : 7.014 min
Response: 0
Conc: N.D.



#35 AR-1260-5

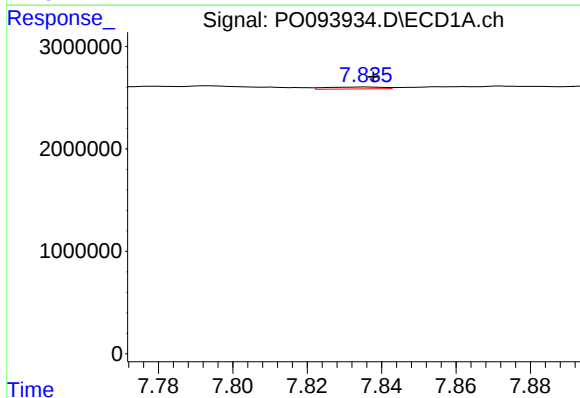
R.T.: 8.378 min
Delta R.T.: -0.016 min
Response: 639149
Conc: 2.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



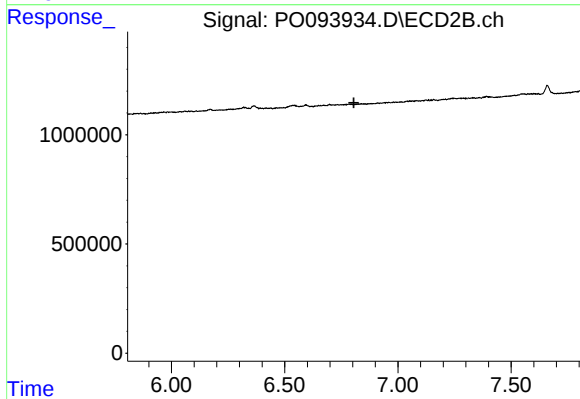
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 7.258 min
Response: 0
Conc: N.D.



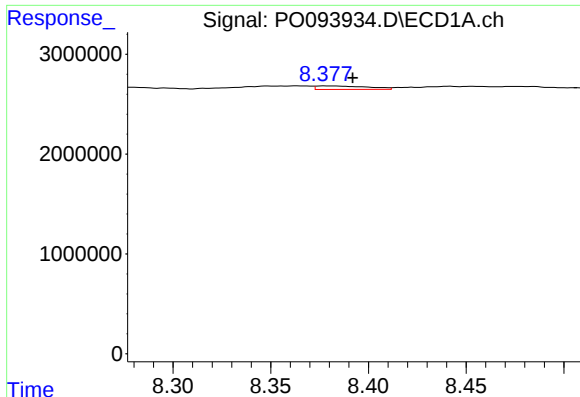
#36 AR-1262-1

R.T.: 7.836 min
Delta R.T.: -0.002 min
Response: 195444
Conc: 1.14 ng/ml



#36 AR-1262-1

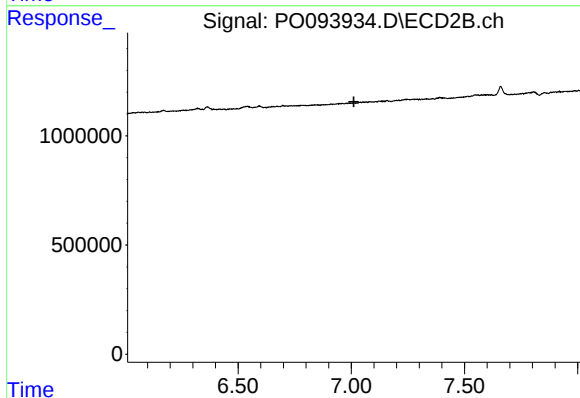
R.T.: 0.000 min
Exp R.T. : 6.805 min
Response: 0
Conc: N.D.



#37 AR-1262-2

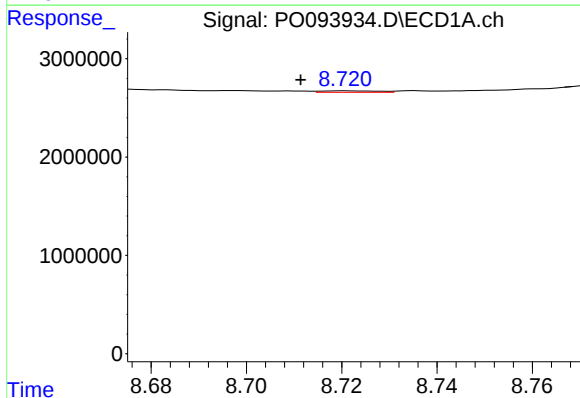
R.T.: 8.378 min
Delta R.T.: -0.014 min
Response: 639149
Conc: 2.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



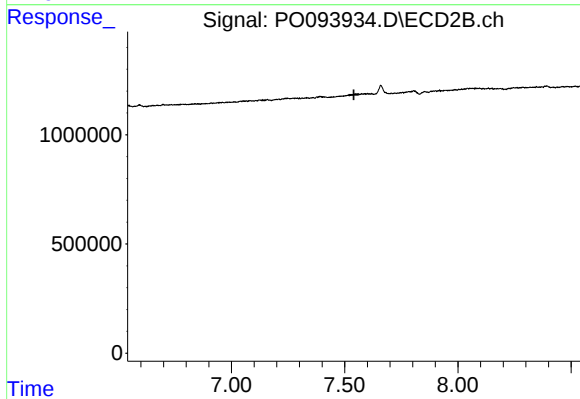
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 7.012 min
Response: 0
Conc: N.D.



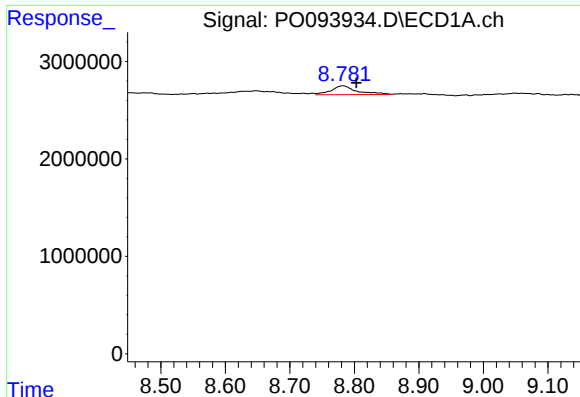
#38 AR-1262-3

R.T.: 8.721 min
Delta R.T.: 0.009 min
Response: 124985
Conc: 0.76 ng/ml



#38 AR-1262-3

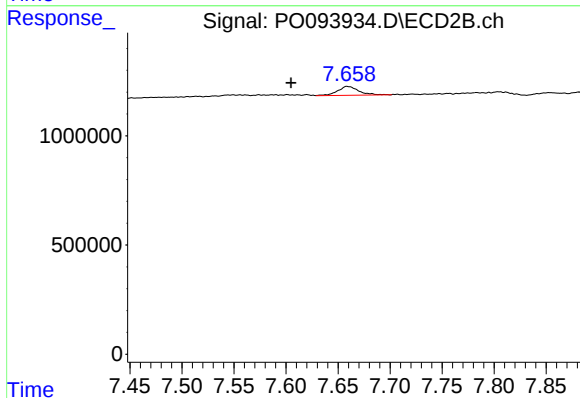
R.T.: 0.000 min
Exp R.T. : 7.541 min
Response: 0
Conc: N.D.



#39 AR-1262-4

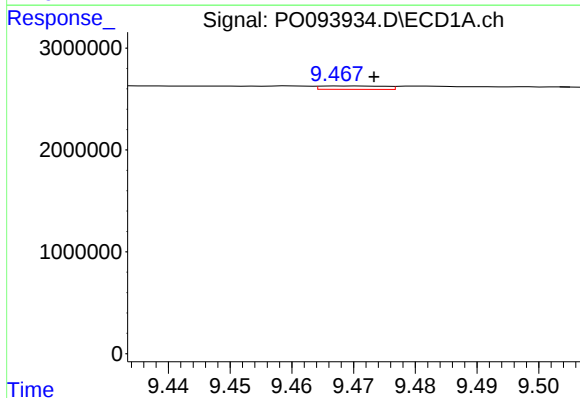
R.T.: 8.782 min
Delta R.T.: -0.021 min
Response: 2461928
Conc: 24.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



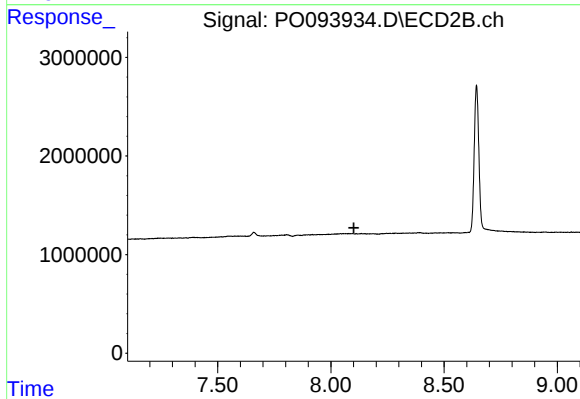
#39 AR-1262-4

R.T.: 7.659 min
Delta R.T.: 0.054 min
Response: 569977
Conc: 6.87 ng/ml



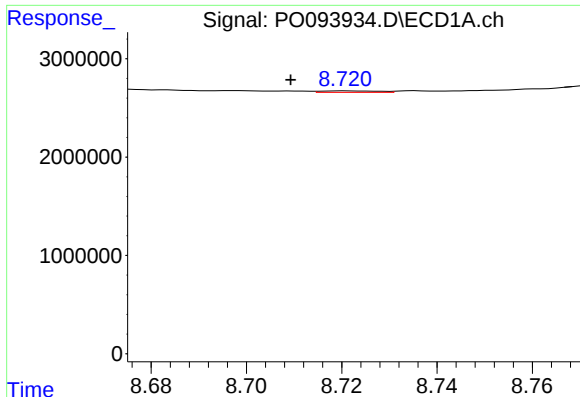
#40 AR-1262-5

R.T.: 9.470 min
Delta R.T.: -0.003 min
Response: 244239
Conc: 3.03 ng/ml



#40 AR-1262-5

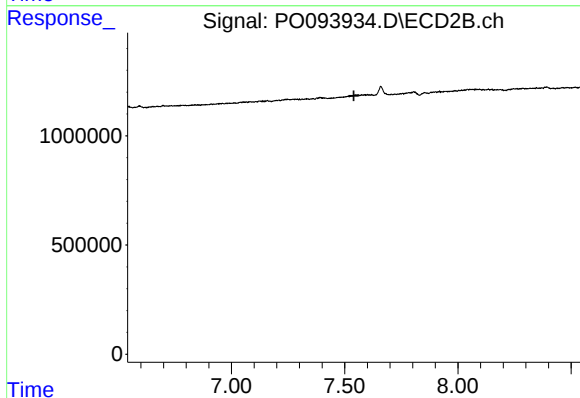
R.T.: 0.000 min
Exp R.T. : 8.102 min
Response: 0
Conc: N.D.



#41 AR-1268-1

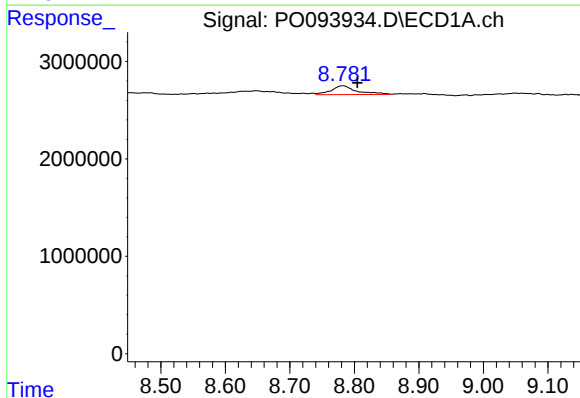
R.T.: 8.721 min
Delta R.T.: 0.012 min
Response: 124985
Conc: 0.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



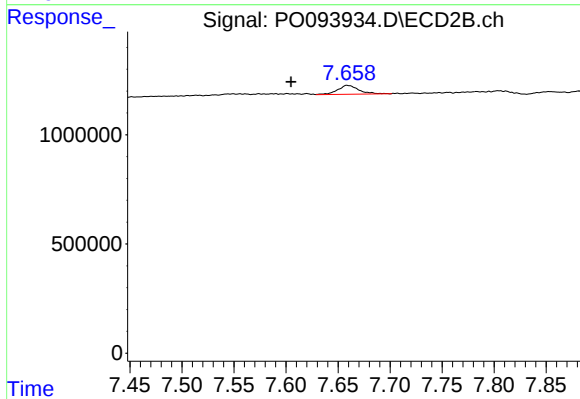
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 7.540 min
Response: 0
Conc: N.D.



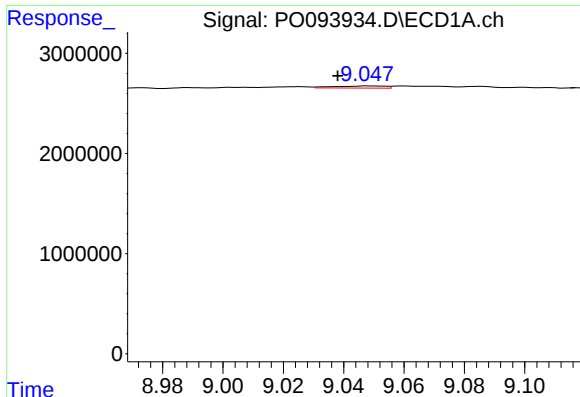
#42 AR-1268-2

R.T.: 8.782 min
Delta R.T.: -0.023 min
Response: 2461928
Conc: 7.65 ng/ml



#42 AR-1268-2

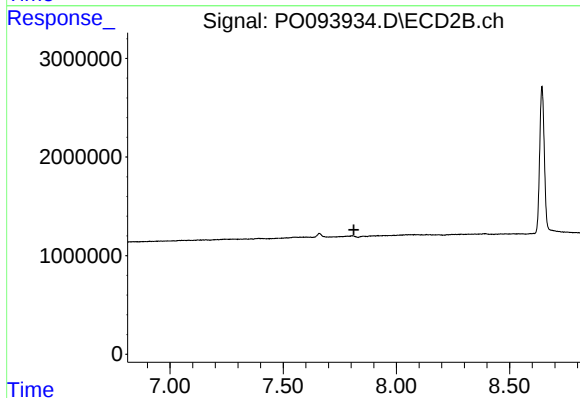
R.T.: 7.659 min
Delta R.T.: 0.054 min
Response: 569977
Conc: 4.20 ng/ml



#43 AR-1268-3

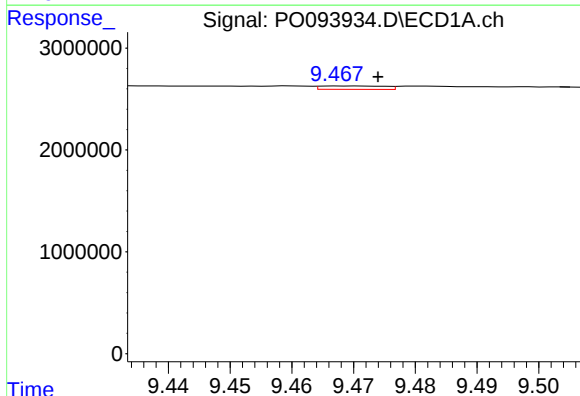
R.T.: 9.048 min
Delta R.T.: 0.010 min
Response: 244448
Conc: 0.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



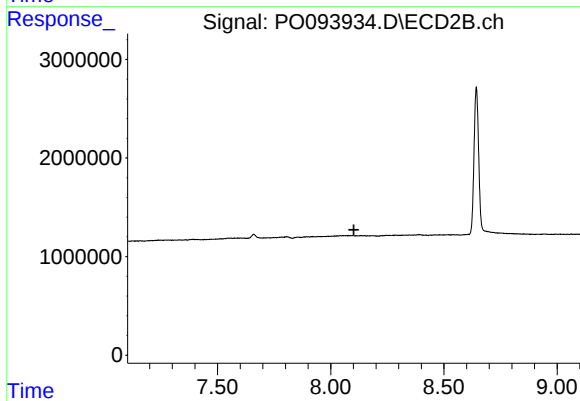
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.812 min
Response: 0
Conc: N.D.



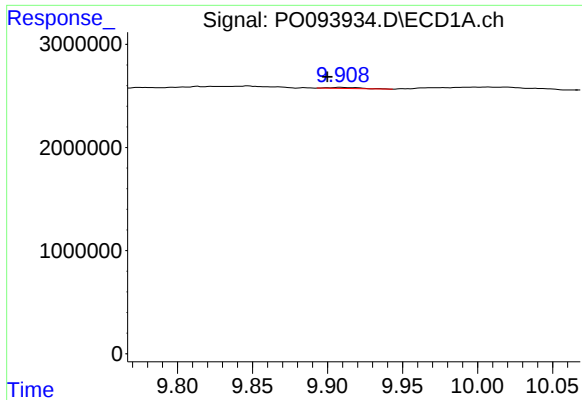
#44 AR-1268-4

R.T.: 9.470 min
Delta R.T.: -0.003 min
Response: 244239
Conc: 2.53 ng/ml



#44 AR-1268-4

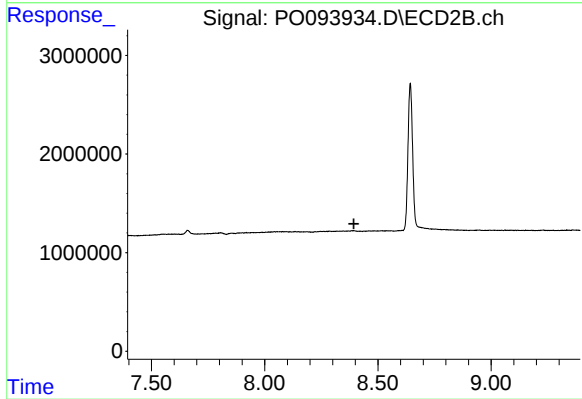
R.T.: 0.000 min
Exp R.T. : 8.102 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.909 min
Delta R.T.: 0.009 min
Response: 156778
Conc: 0.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.394 min
Response: 0
Conc: N.D.