

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0040623\
 Data File : P0093870.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Apr 2023 18:05
 Operator : YP/AJ
 Sample : 02209-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 06 21:31:32 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...	4.422	3.626	42282976	15462928	11.311	12.143
2)	SA Decachlor...	10.247	8.646	13302515	6338656	5.947	6.340
Target Compounds							
3)	L1 AR-1016-1	5.592	0.000	1111830	0	10.872	N.D. #
4)	L1 AR-1016-2	5.619	0.000	844968	0	5.421	N.D. #
5)	L1 AR-1016-3	5.682	0.000	666568	0	6.758	N.D. #
6)	L1 AR-1016-4	5.785	0.000	37436	0	0.509	N.D. #
7)	L1 AR-1016-5	6.087	0.000	514566	0	6.078	N.D. #
8)	L2 AR-1221-1	4.629	3.908f	1319813	550199	28.617	35.137
9)	L2 AR-1221-2	4.727	3.908	664071	550199	19.346	46.617 #
10)	L2 AR-1221-3	4.793	4.044f	52148	391163	0.498	10.619 #
11)	L3 AR-1232-1	4.793	4.044f	52148	391163	0.597	12.521 #
12)	L3 AR-1232-2	5.329	0.000	220048	0	5.145	N.D. #
13)	L3 AR-1232-3	5.619	0.000	844968	0	11.503	N.D. #
14)	L3 AR-1232-4	5.785	0.000	37436	0	1.088	N.D. #
15)	L3 AR-1232-5	5.877	0.000	226527	0	7.132	N.D. #
16)	L4 AR-1242-1	5.592	0.000	1111830	0	12.738	N.D. #
17)	L4 AR-1242-2	5.619	0.000	844968	0	6.355	N.D. #
18)	L4 AR-1242-3	5.682	0.000	666568	0	7.852	N.D. #
19)	L4 AR-1242-4	5.785	0.000	37436	0	0.599	N.D. #
20)	L4 AR-1242-5	6.518	0.000	284275	0	4.222	N.D. #
21)	L5 AR-1248-1	5.592	0.000	1111830	0	16.525	N.D. #
22)	L5 AR-1248-2	5.877	0.000	226527	0	2.071	N.D. #
23)	L5 AR-1248-3	6.087	0.000	514566	0	4.262	N.D. #
24)	L5 AR-1248-4	6.487	0.000	629972	0	5.866	N.D. #
25)	L5 AR-1248-5	6.518	0.000	284275	0	2.450	N.D. #
26)	L6 AR-1254-1	6.472	0.000	682194	0	5.030	N.D. #
27)	L6 AR-1254-2	6.684	0.000	1246717	0	6.378	N.D. #
28)	L6 AR-1254-3	7.051	0.000	981709	0	5.314	N.D. #
29)	L6 AR-1254-4	7.340	0.000	166292	0	1.640	N.D. #
30)	L6 AR-1254-5	7.768	0.000	921627	0	6.796	N.D. #
31)	L7 AR-1260-1	7.207	0.000	21930	0	0.150	N.D. #
32)	L7 AR-1260-2	7.464	0.000	427430	0	2.671	N.D. #
33)	L7 AR-1260-3	7.847	0.000	247540	0	1.864	N.D. #
34)	L7 AR-1260-4	8.055	0.000	103751	0	0.753	N.D. #
35)	L7 AR-1260-5	8.387	0.000	225599	0	1.036	N.D. #
36)	L8 AR-1262-1	7.847	6.856f	247540	422473	1.449	12.075 #
37)	L8 AR-1262-2	8.387	0.000	225599	0	0.971	N.D. #
38)	L8 AR-1262-3	8.702	0.000	236164	0	1.442	N.D. #
39)	L8 AR-1262-4	8.806	7.662f	658798	1445207	6.575	17.427 #
40)	L8 AR-1262-5	9.471	0.000	953261	0	11.844	N.D. #
41)	L9 AR-1268-1	8.702	0.000	236164	0	0.702	N.D. #

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 Sample : 02209-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

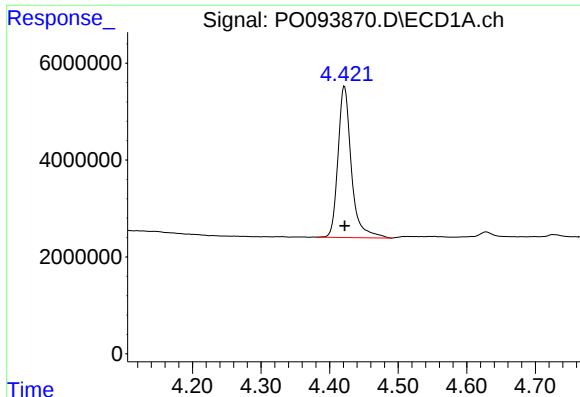
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 06 21:31:32 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0040323.M
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 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	8.806	7.662f	658798	1445207	2.047	10.637 #
43) L9	AR-1268-3	9.035	0.000	47152	0	0.166	N.D. #
44) L9	AR-1268-4	9.471	0.000	953261	0	9.859	N.D. #
45) L9	AR-1268-5	9.908	0.000	16758	0	0.020	N.D. #

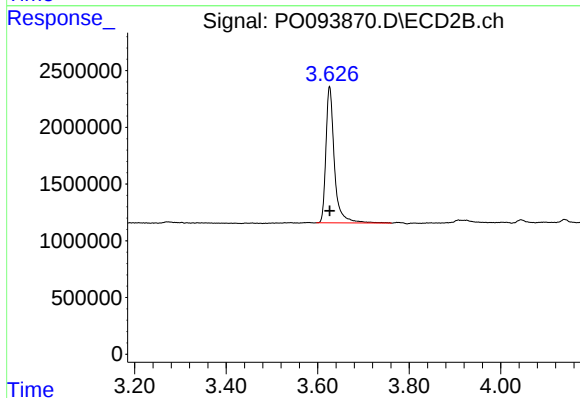
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

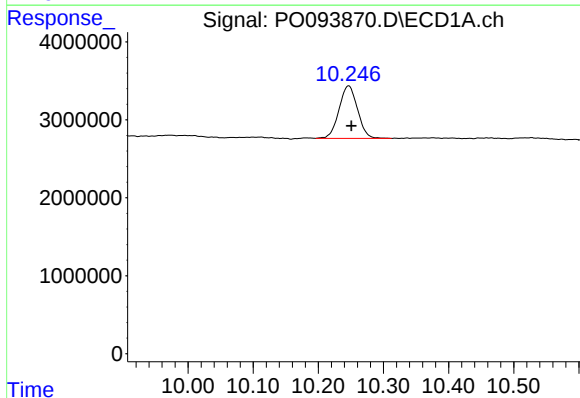
R.T.: 4.422 min
Delta R.T.: 0.000 min
Response: 42282976
Conc: 11.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



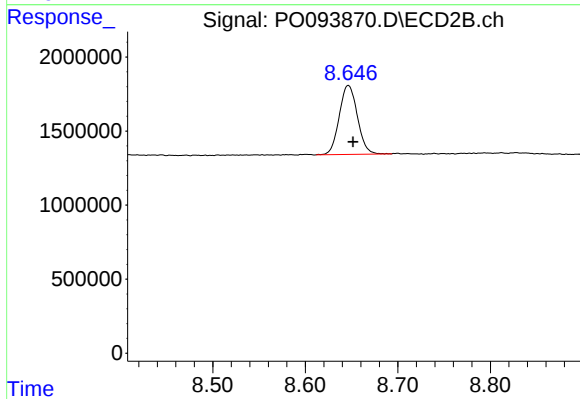
#1 Tetrachloro-m-xylene

R.T.: 3.626 min
Delta R.T.: 0.000 min
Response: 15462928
Conc: 12.14 ng/ml



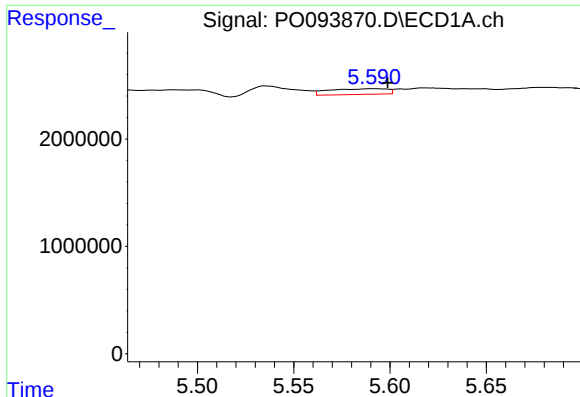
#2 Decachlorobiphenyl

R.T.: 10.247 min
Delta R.T.: -0.004 min
Response: 13302515
Conc: 5.95 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.646 min
Delta R.T.: -0.005 min
Response: 6338656
Conc: 6.34 ng/ml



#3 AR-1016-1

R.T.: 5.592 min
Delta R.T.: -0.007 min
Response: 1111830
Conc: 10.87 ng/ml

Instrument :
ECD_O
ClientSampleId :

#3 AR-1016-1

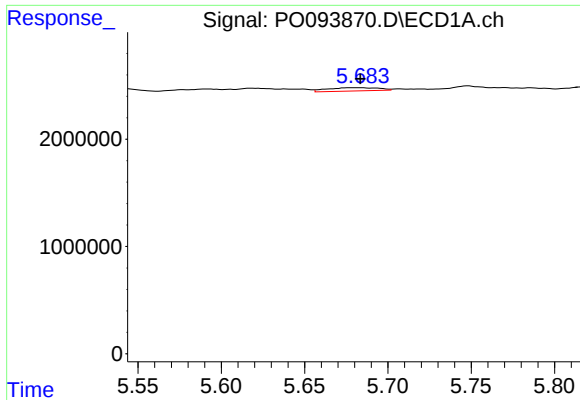
R.T.: 0.000 min
Exp R.T. : 4.710 min
Response: 0
Conc: N.D.

#4 AR-1016-2

R.T.: 5.619 min
Delta R.T.: -0.002 min
Response: 844968
Conc: 5.42 ng/ml

#4 AR-1016-2

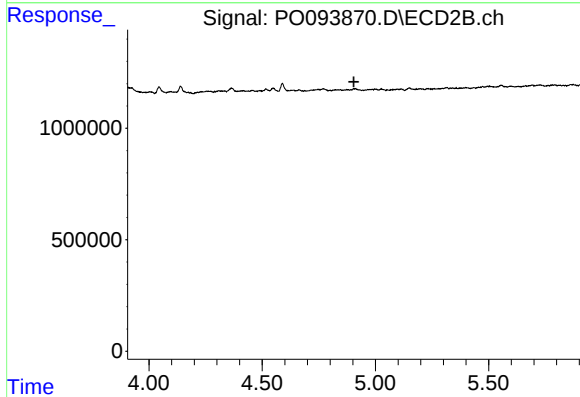
R.T.: 0.000 min
Exp R.T. : 4.729 min
Response: 0
Conc: N.D.



#5 AR-1016-3

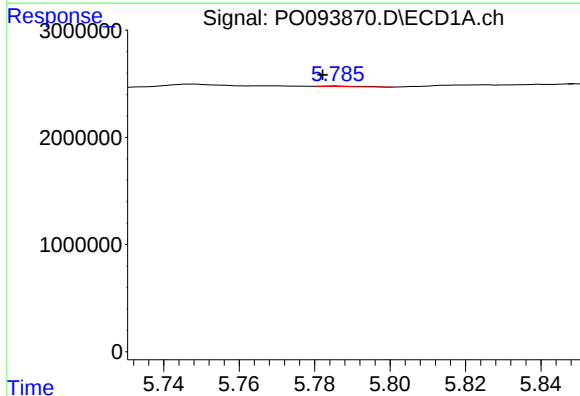
R.T.: 5.682 min
Delta R.T.: -0.001 min
Response: 666568
Conc: 6.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



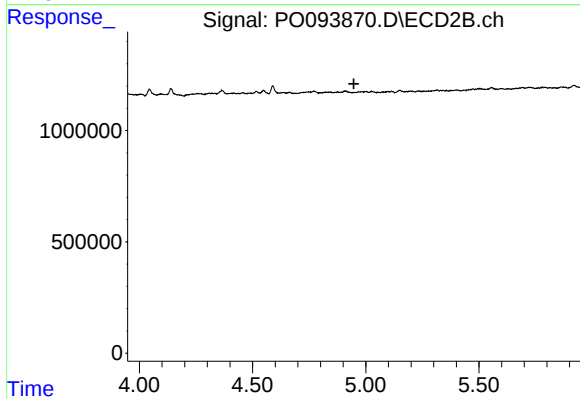
#5 AR-1016-3

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



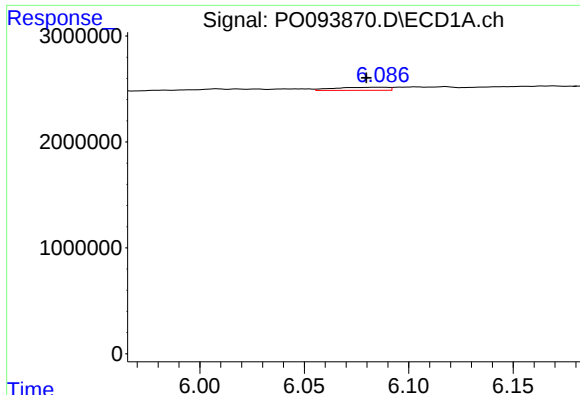
#6 AR-1016-4

R.T.: 5.785 min
Delta R.T.: 0.003 min
Response: 37436
Conc: 0.51 ng/ml



#6 AR-1016-4

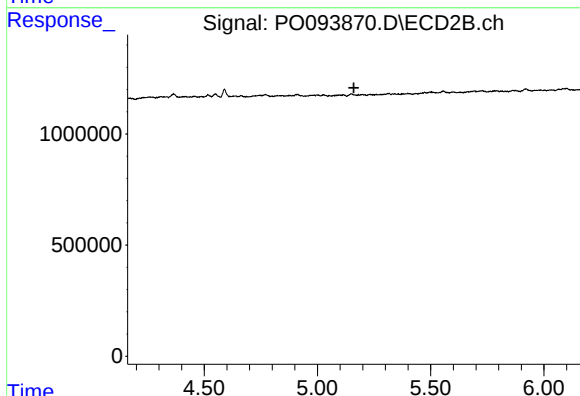
R.T.: 0.000 min
Exp R.T. : 4.948 min
Response: 0
Conc: N.D.



#7 AR-1016-5

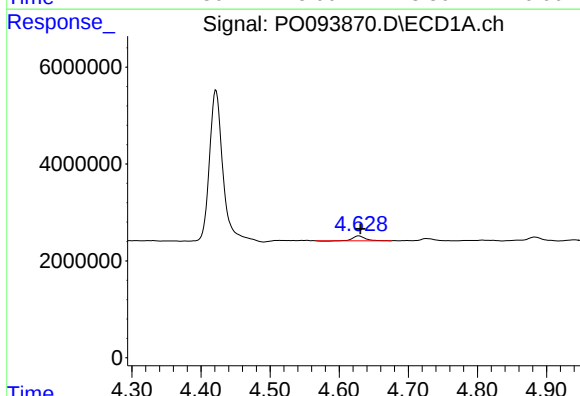
R.T.: 6.087 min
Delta R.T.: 0.008 min
Response: 514566
Conc: 6.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



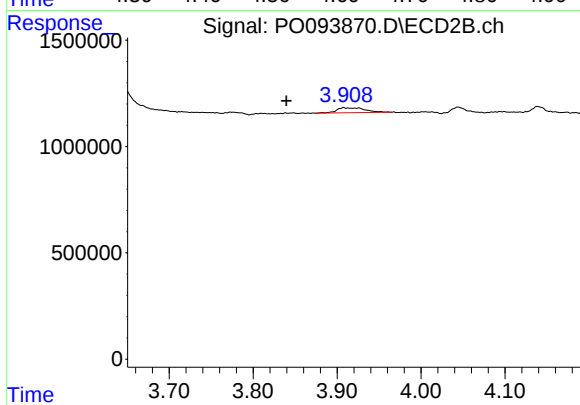
#7 AR-1016-5

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



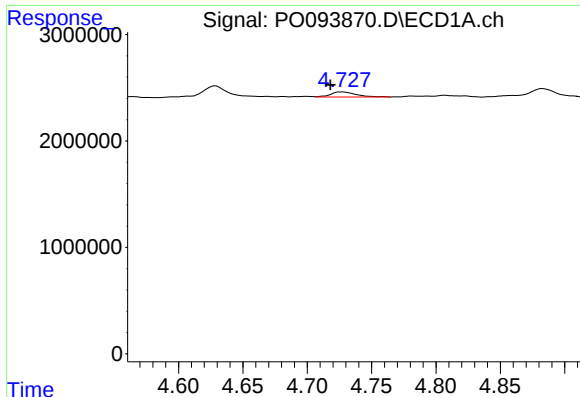
#8 AR-1221-1

R.T.: 4.629 min
Delta R.T.: -0.002 min
Response: 1319813
Conc: 28.62 ng/ml



#8 AR-1221-1

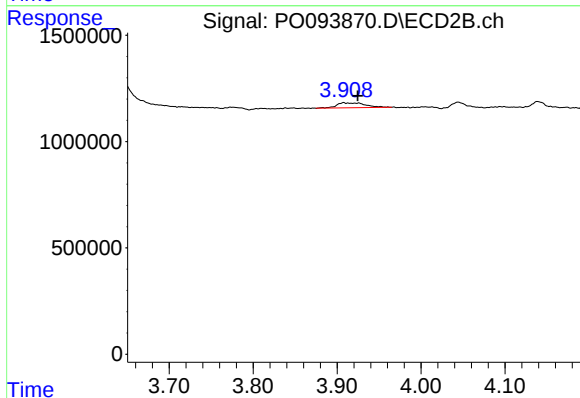
R.T.: 3.908 min
Delta R.T.: 0.068 min
Response: 550199
Conc: 35.14 ng/ml



#9 AR-1221-2

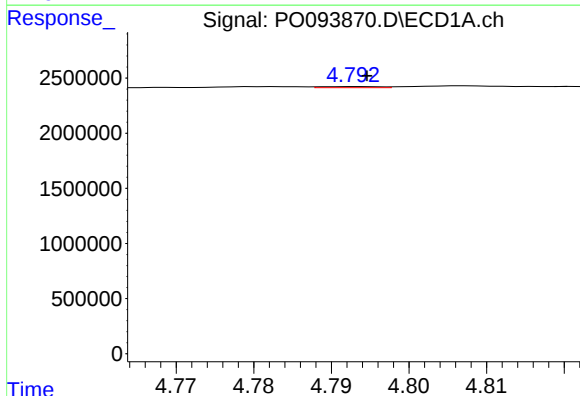
R.T.: 4.727 min
Delta R.T.: 0.009 min
Response: 664071
Conc: 19.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



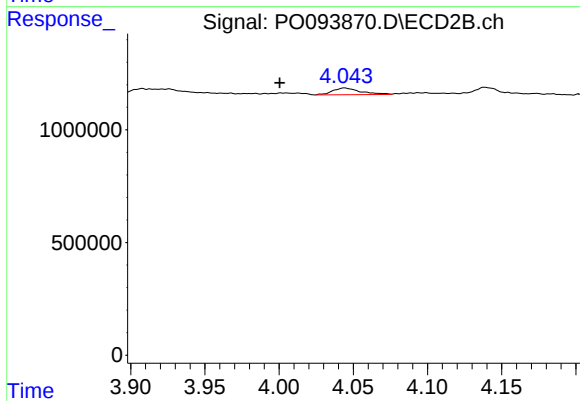
#9 AR-1221-2

R.T.: 3.908 min
Delta R.T.: -0.017 min
Response: 550199
Conc: 46.62 ng/ml



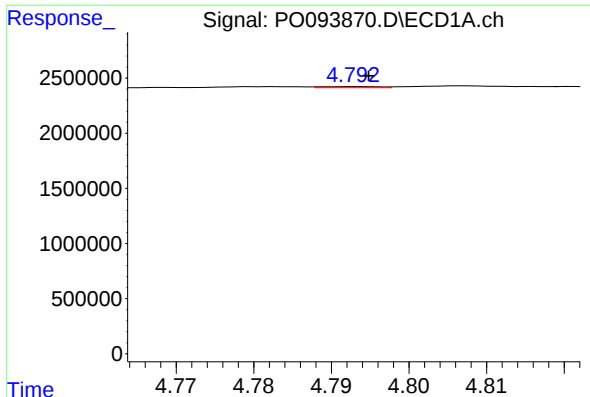
#10 AR-1221-3

R.T.: 4.793 min
Delta R.T.: -0.001 min
Response: 52148
Conc: 0.50 ng/ml



#10 AR-1221-3

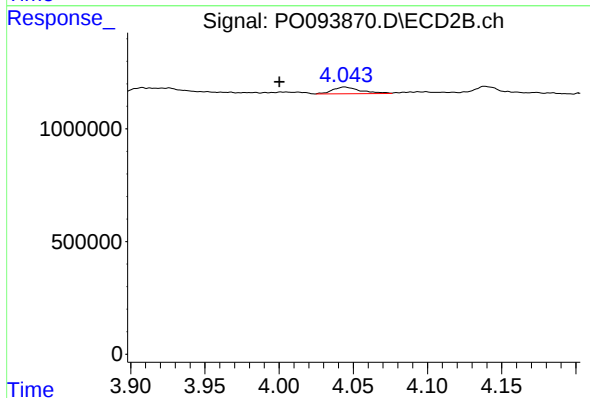
R.T.: 4.044 min
Delta R.T.: 0.044 min
Response: 391163
Conc: 10.62 ng/ml



#11 AR-1232-1

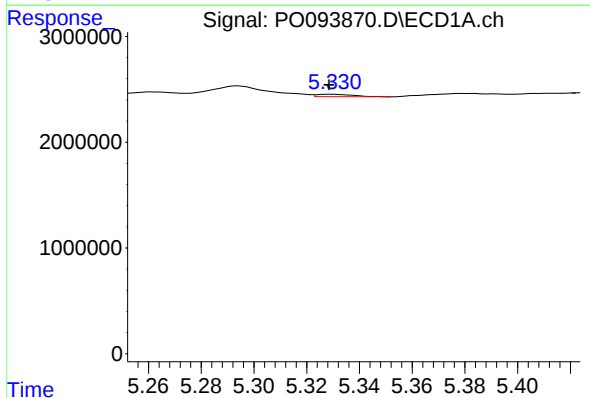
R.T.: 4.793 min
Delta R.T.: -0.002 min
Response: 52148
Conc: 0.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



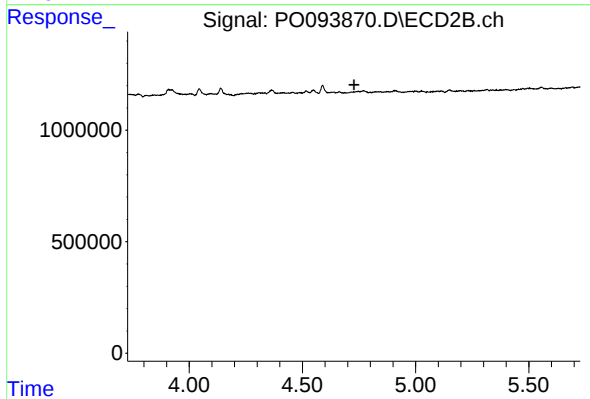
#11 AR-1232-1

R.T.: 4.044 min
Delta R.T.: 0.044 min
Response: 391163
Conc: 12.52 ng/ml



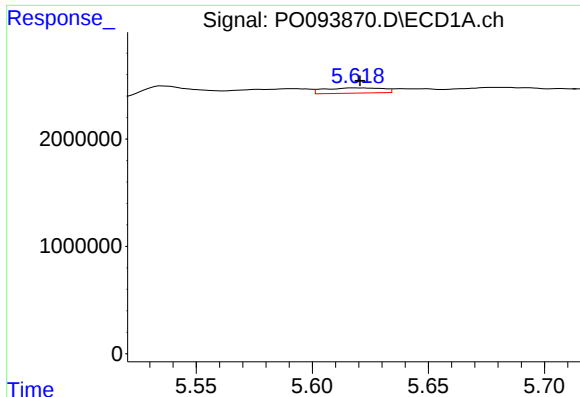
#12 AR-1232-2

R.T.: 5.329 min
Delta R.T.: 0.000 min
Response: 220048
Conc: 5.15 ng/ml



#12 AR-1232-2

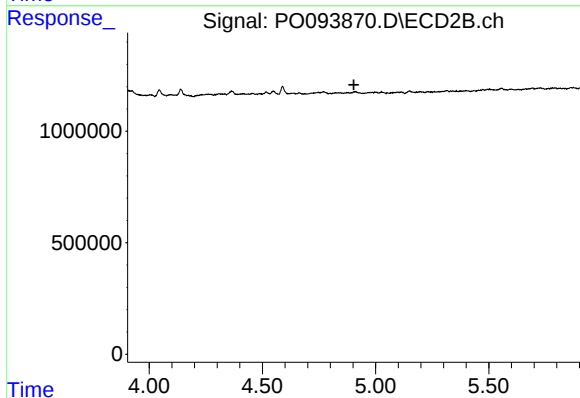
R.T.: 0.000 min
Exp R.T. : 4.728 min
Response: 0
Conc: N.D.



#13 AR-1232-3

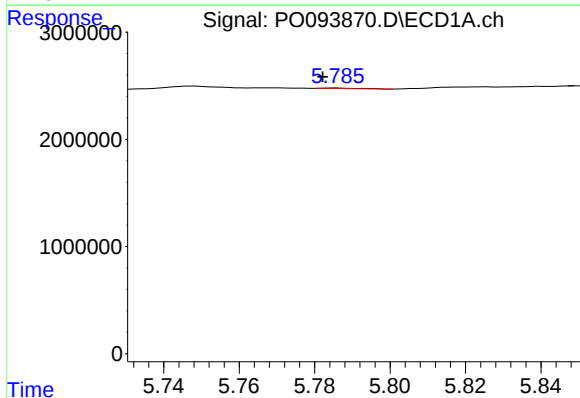
R.T.: 5.619 min
Delta R.T.: -0.002 min
Response: 844968
Conc: 11.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



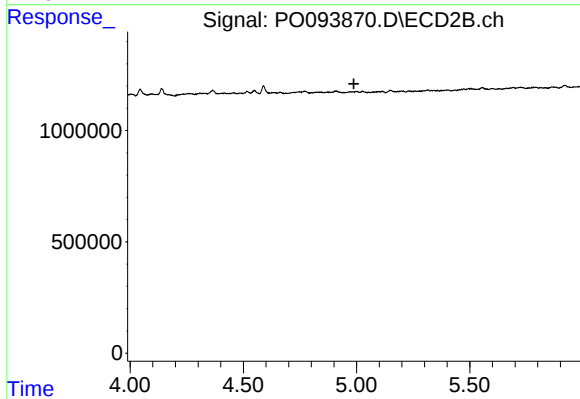
#13 AR-1232-3

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



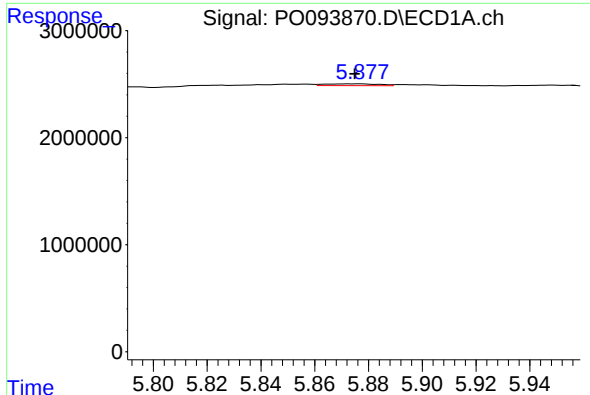
#14 AR-1232-4

R.T.: 5.785 min
Delta R.T.: 0.003 min
Response: 37436
Conc: 1.09 ng/ml



#14 AR-1232-4

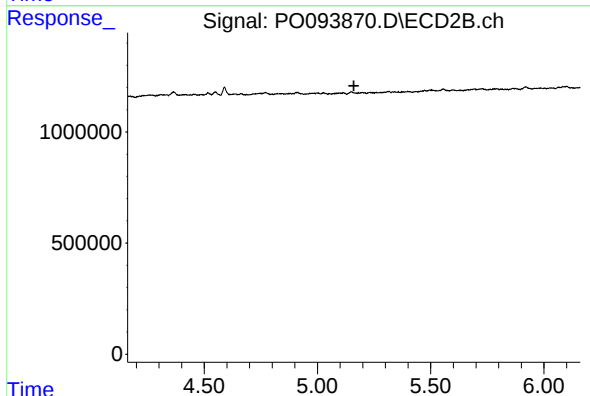
R.T.: 0.000 min
Exp R.T. : 4.988 min
Response: 0
Conc: N.D.



#15 AR-1232-5

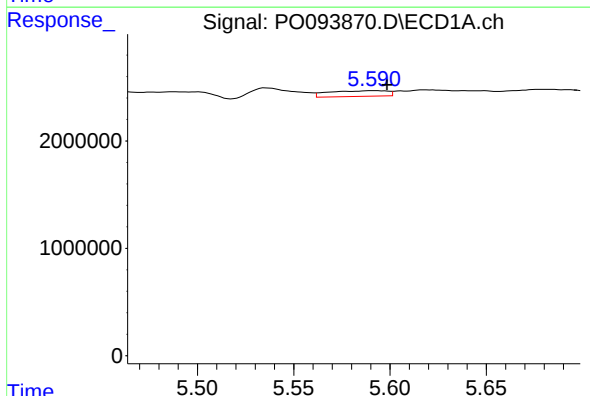
R.T.: 5.877 min
Delta R.T.: 0.002 min
Response: 226527
Conc: 7.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



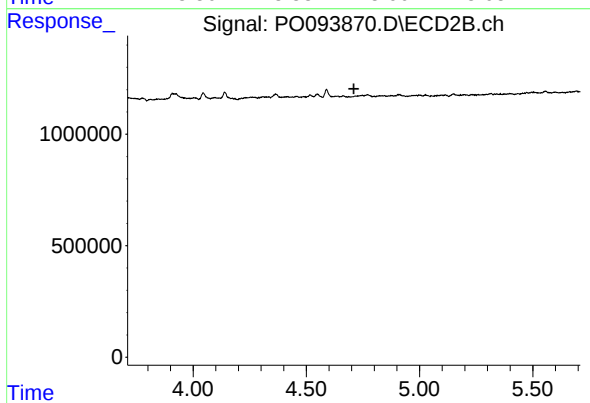
#15 AR-1232-5

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



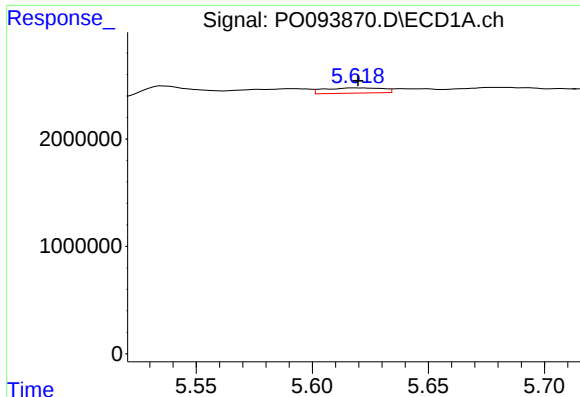
#16 AR-1242-1

R.T.: 5.592 min
Delta R.T.: -0.007 min
Response: 1111830
Conc: 12.74 ng/ml



#16 AR-1242-1

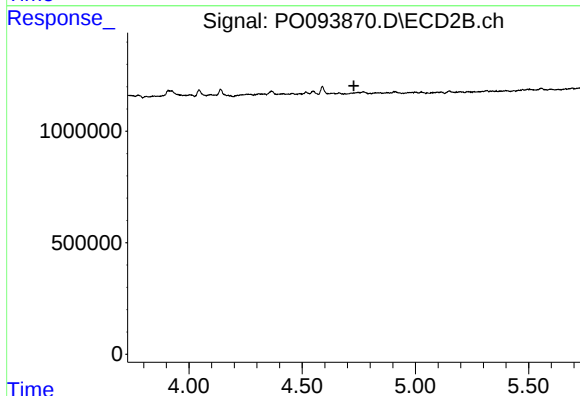
R.T.: 0.000 min
Exp R.T. : 4.710 min
Response: 0
Conc: N.D.



#17 AR-1242-2

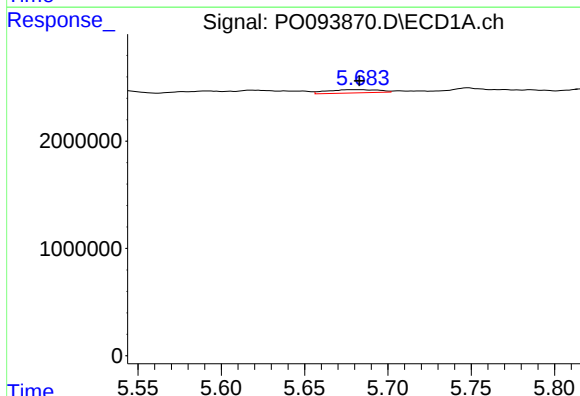
R.T.: 5.619 min
Delta R.T.: -0.001 min
Response: 844968
Conc: 6.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



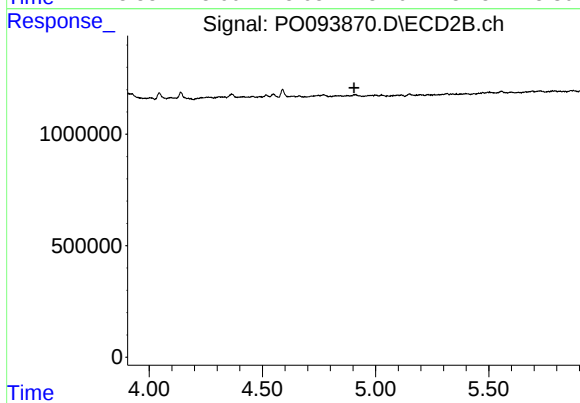
#17 AR-1242-2

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



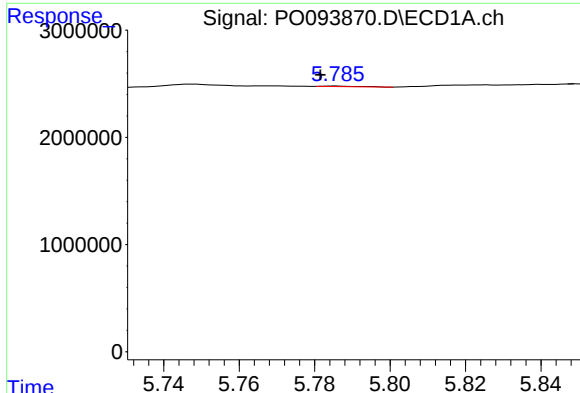
#18 AR-1242-3

R.T.: 5.682 min
Delta R.T.: 0.000 min
Response: 666568
Conc: 7.85 ng/ml



#18 AR-1242-3

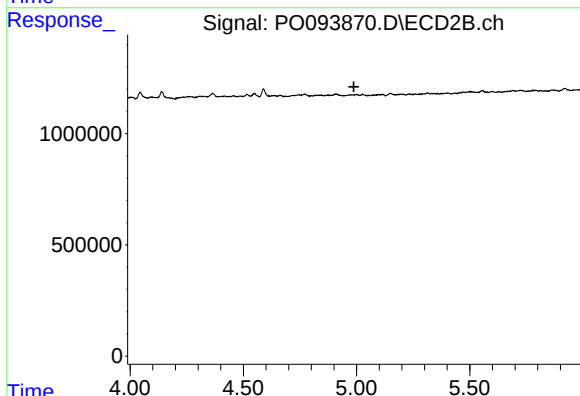
R.T.: 0.000 min
Exp R.T. : 4.904 min
Response: 0
Conc: N.D.



#19 AR-1242-4

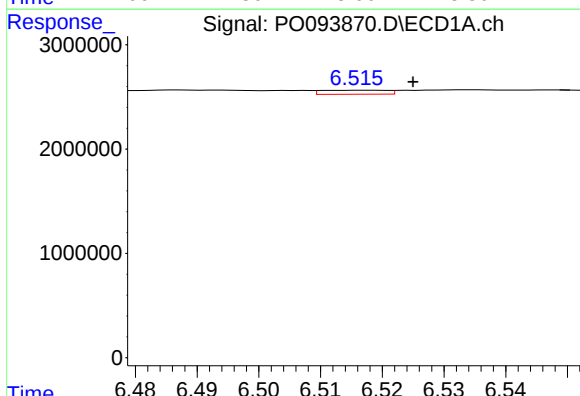
R.T.: 5.785 min
Delta R.T.: 0.004 min
Response: 37436
Conc: 0.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



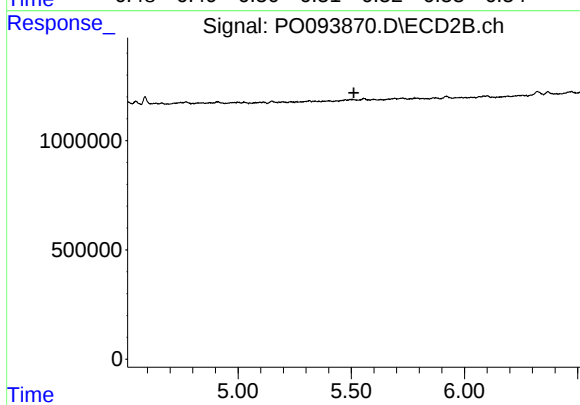
#19 AR-1242-4

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



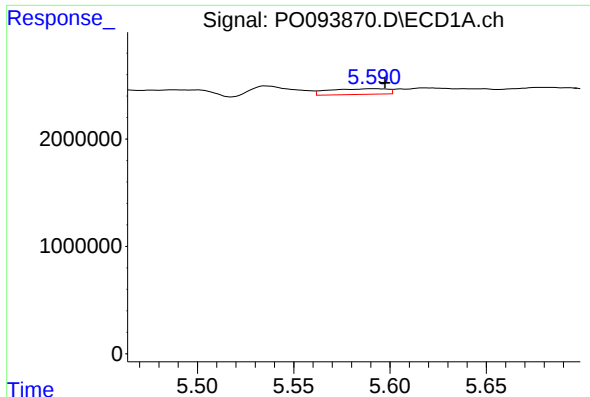
#20 AR-1242-5

R.T.: 6.518 min
Delta R.T.: -0.007 min
Response: 284275
Conc: 4.22 ng/ml



#20 AR-1242-5

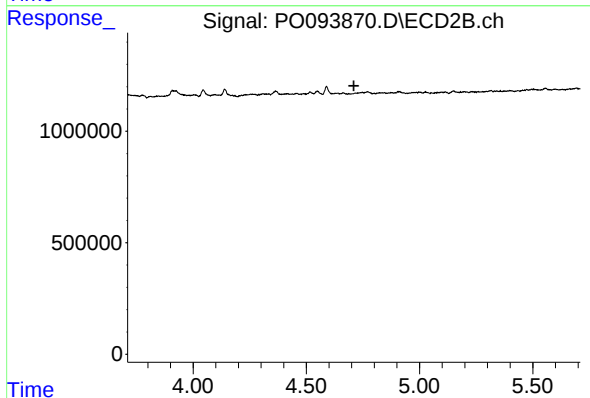
R.T.: 0.000 min
Exp R.T. : 5.512 min
Response: 0
Conc: N.D.



#21 AR-1248-1

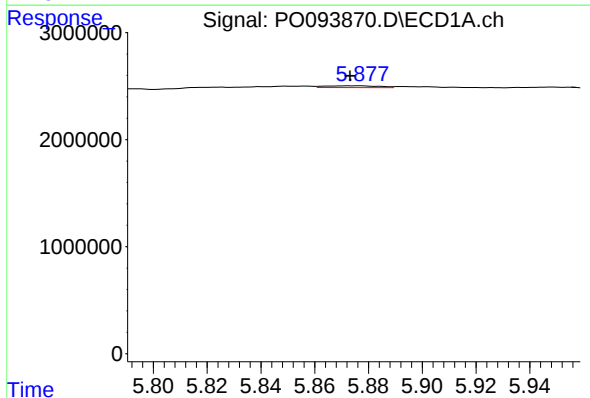
R.T.: 5.592 min
Delta R.T.: -0.006 min
Response: 1111830
Conc: 16.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



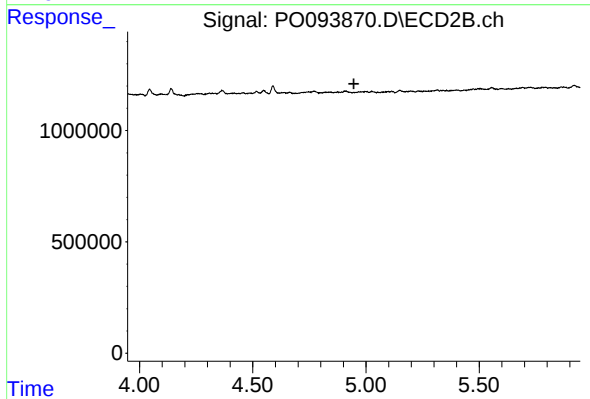
#21 AR-1248-1

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



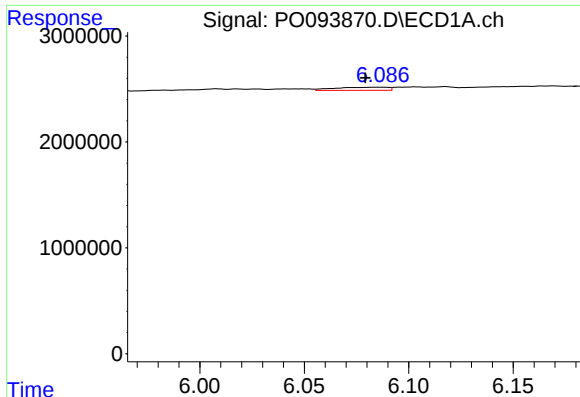
#22 AR-1248-2

R.T.: 5.877 min
Delta R.T.: 0.004 min
Response: 226527
Conc: 2.07 ng/ml



#22 AR-1248-2

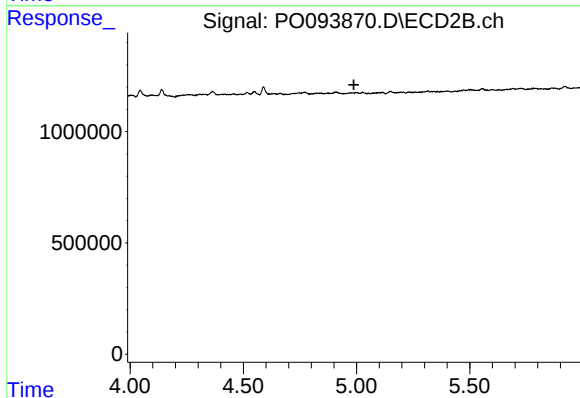
R.T.: 0.000 min
Exp R.T. : 4.947 min
Response: 0
Conc: N.D.



#23 AR-1248-3

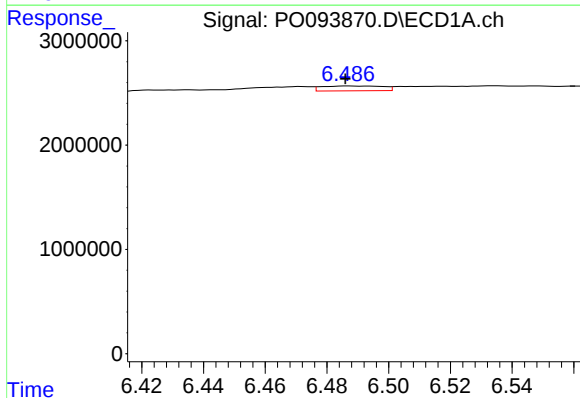
R.T.: 6.087 min
Delta R.T.: 0.008 min
Response: 514566
Conc: 4.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



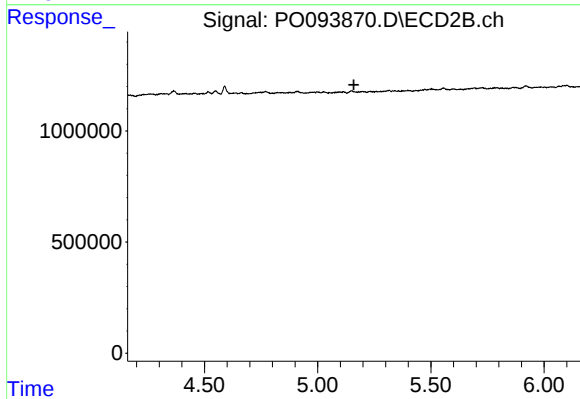
#23 AR-1248-3

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



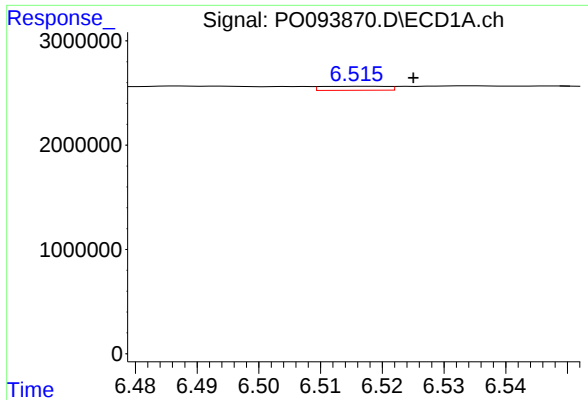
#24 AR-1248-4

R.T.: 6.487 min
Delta R.T.: 0.000 min
Response: 629972
Conc: 5.87 ng/ml



#24 AR-1248-4

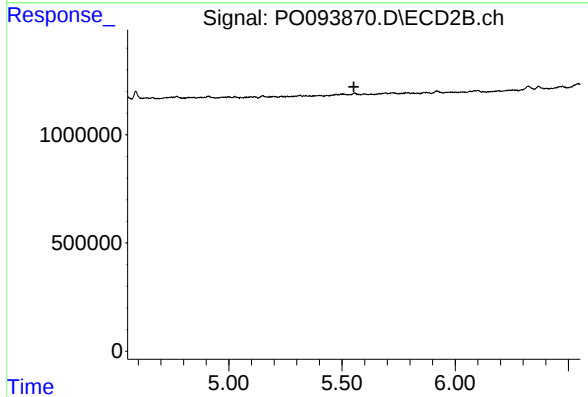
R.T.: 0.000 min
Exp R.T. : 5.160 min
Response: 0
Conc: N.D.



#25 AR-1248-5

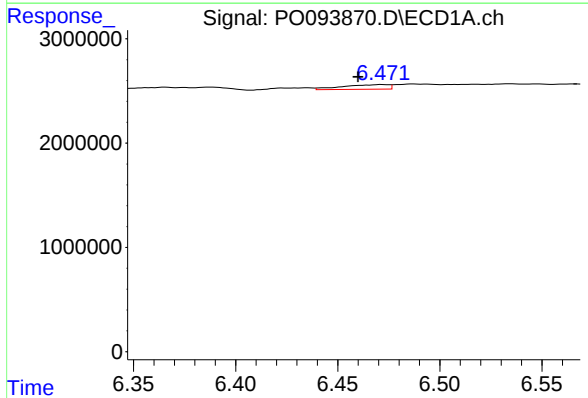
R.T.: 6.518 min
Delta R.T.: -0.007 min
Response: 284275
Conc: 2.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



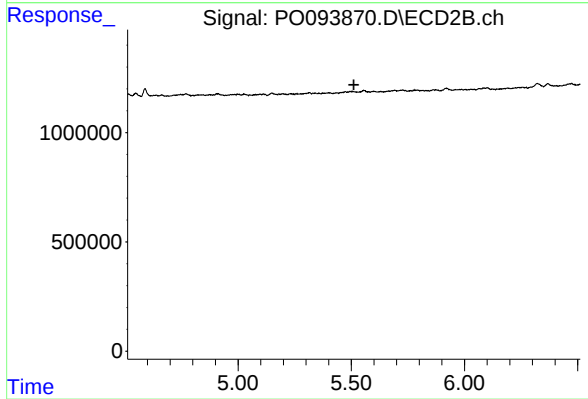
#25 AR-1248-5

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



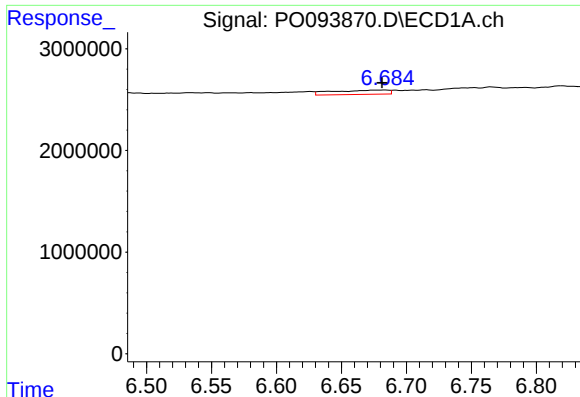
#26 AR-1254-1

R.T.: 6.472 min
Delta R.T.: 0.012 min
Response: 682194
Conc: 5.03 ng/ml



#26 AR-1254-1

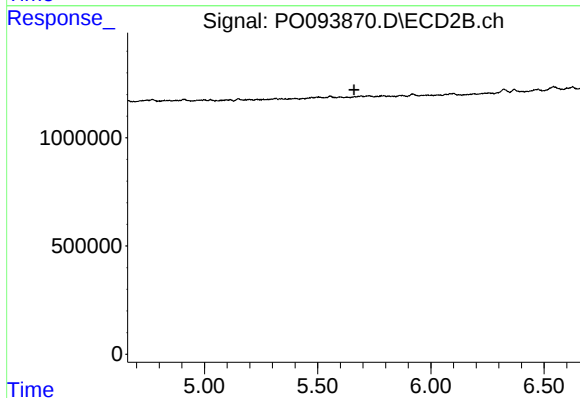
R.T.: 0.000 min
Exp R.T. : 5.512 min
Response: 0
Conc: N.D.



#27 AR-1254-2

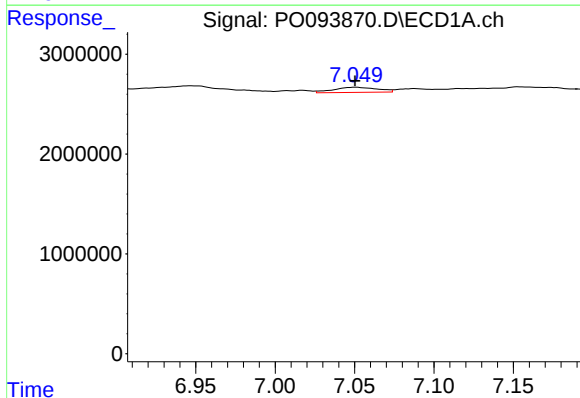
R.T.: 6.684 min
Delta R.T.: 0.002 min
Response: 1246717
Conc: 6.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



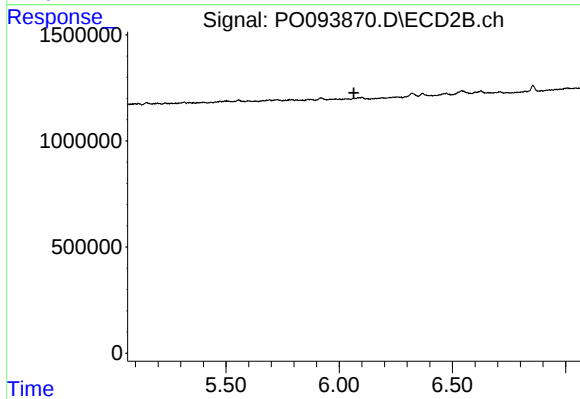
#27 AR-1254-2

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



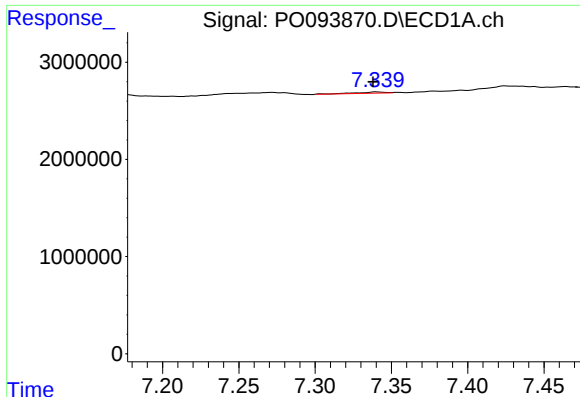
#28 AR-1254-3

R.T.: 7.051 min
Delta R.T.: 0.000 min
Response: 981709
Conc: 5.31 ng/ml



#28 AR-1254-3

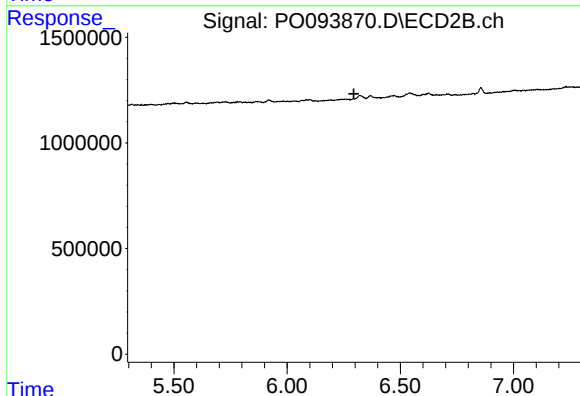
R.T.: 0.000 min
Exp R.T. : 6.065 min
Response: 0
Conc: N.D.



#29 AR-1254-4

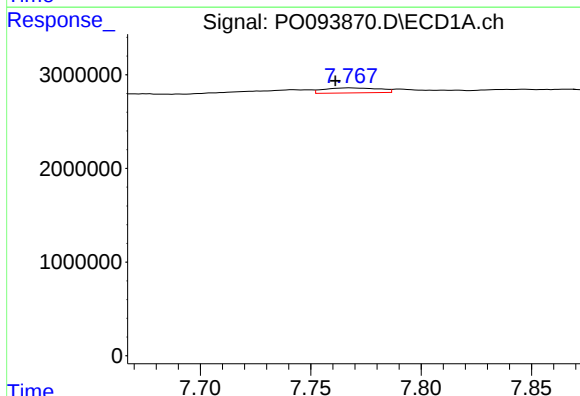
R.T.: 7.340 min
Delta R.T.: 0.002 min
Response: 166292
Conc: 1.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



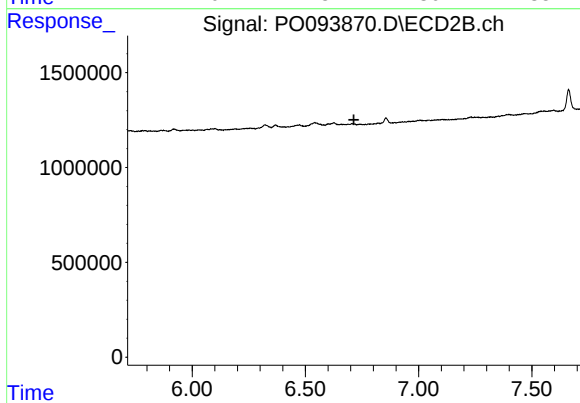
#29 AR-1254-4

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



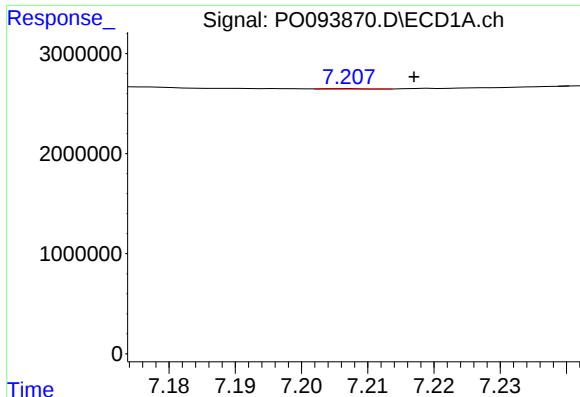
#30 AR-1254-5

R.T.: 7.768 min
Delta R.T.: 0.007 min
Response: 921627
Conc: 6.80 ng/ml



#30 AR-1254-5

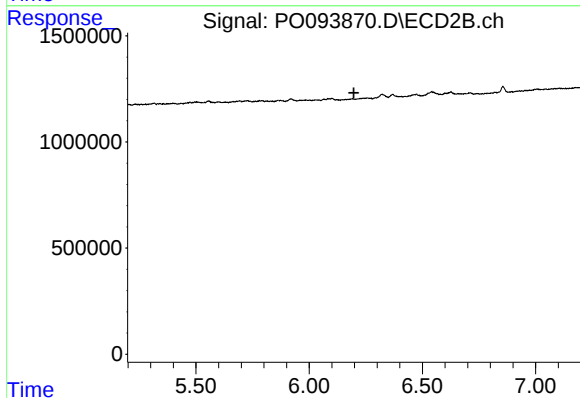
R.T.: 0.000 min
Exp R.T. : 6.714 min
Response: 0
Conc: N.D.



#31 AR-1260-1

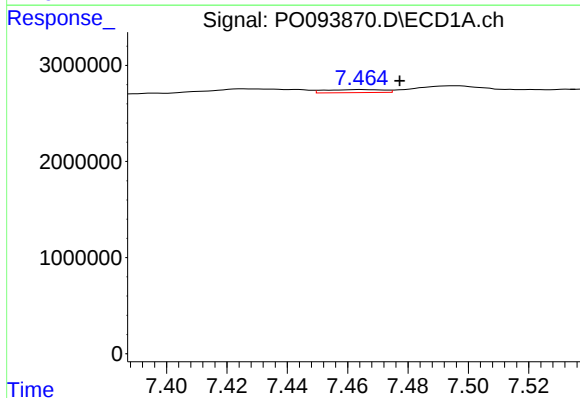
R.T.: 7.207 min
Delta R.T.: -0.010 min
Response: 21930
Conc: 0.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



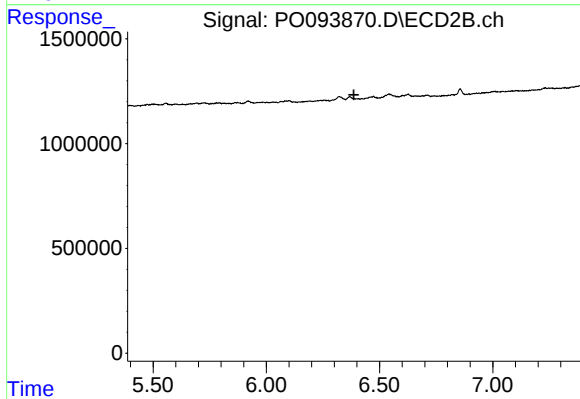
#31 AR-1260-1

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



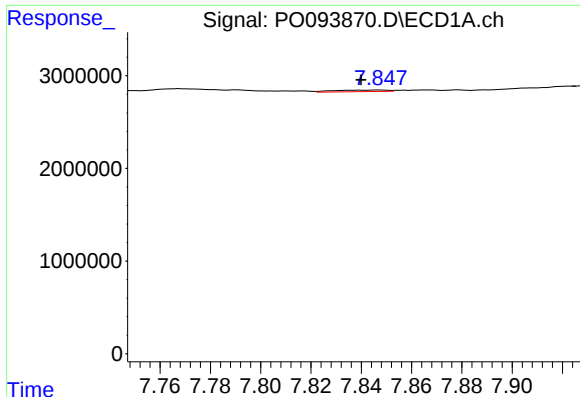
#32 AR-1260-2

R.T.: 7.464 min
Delta R.T.: -0.013 min
Response: 427430
Conc: 2.67 ng/ml



#32 AR-1260-2

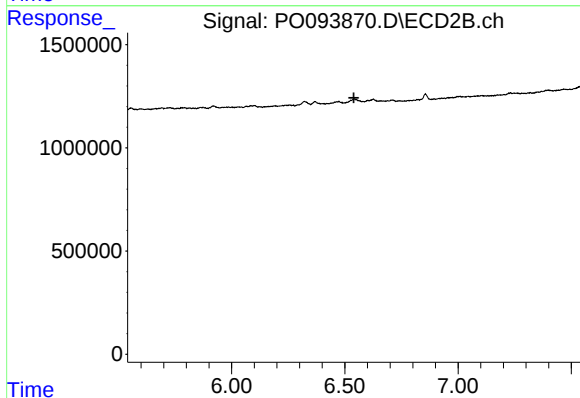
R.T.: 0.000 min
Exp R.T. : 6.387 min
Response: 0
Conc: N.D.



#33 AR-1260-3

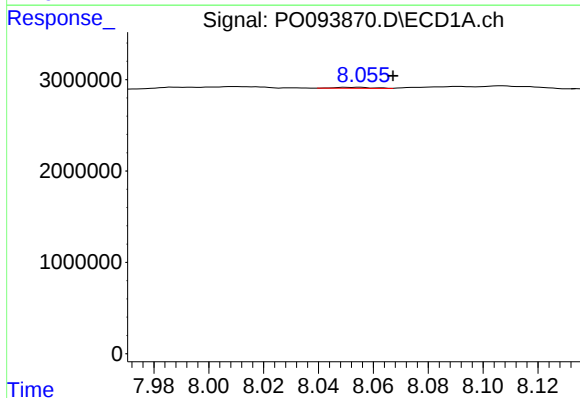
R.T.: 7.847 min
Delta R.T.: 0.007 min
Response: 247540
Conc: 1.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



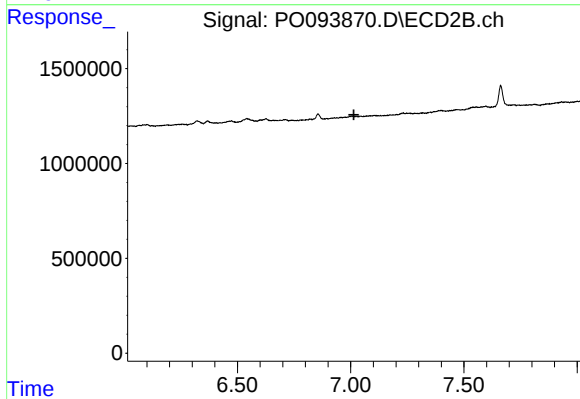
#33 AR-1260-3

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



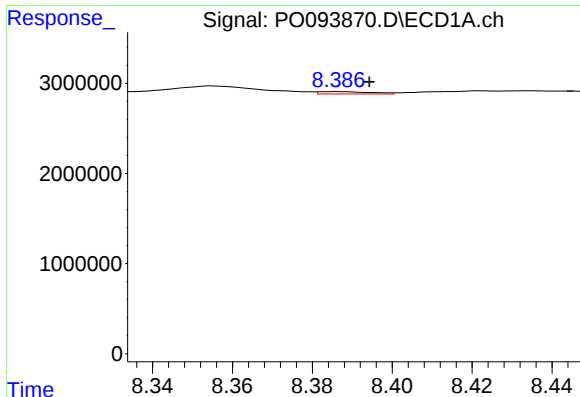
#34 AR-1260-4

R.T.: 8.055 min
Delta R.T.: -0.012 min
Response: 103751
Conc: 0.75 ng/ml



#34 AR-1260-4

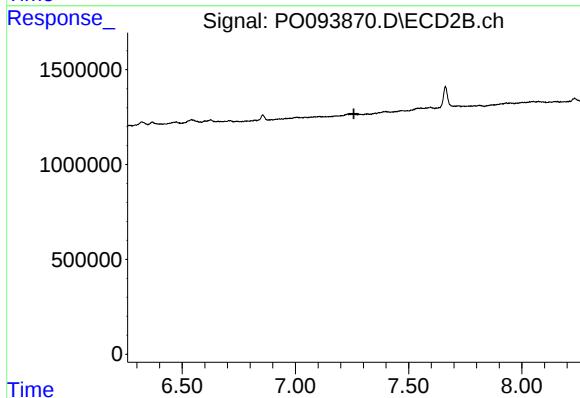
R.T.: 0.000 min
Exp R.T. : 7.014 min
Response: 0
Conc: N.D.



#35 AR-1260-5

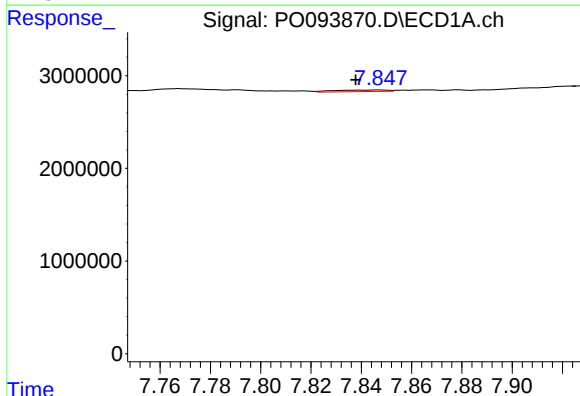
R.T.: 8.387 min
Delta R.T.: -0.008 min
Response: 225599
Conc: 1.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



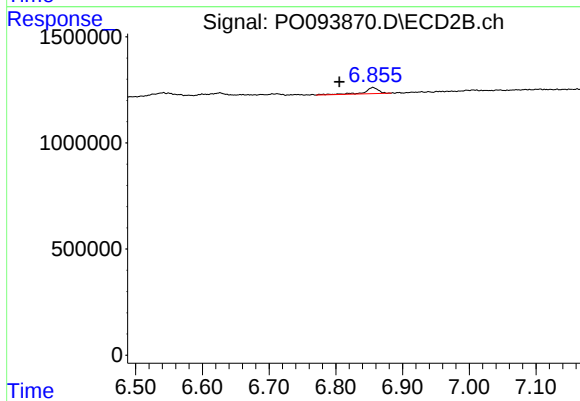
#35 AR-1260-5

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



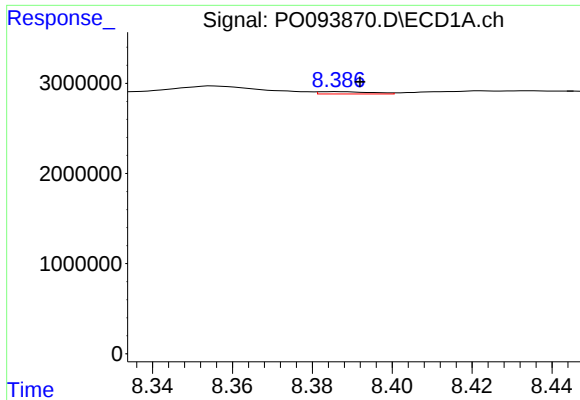
#36 AR-1262-1

R.T.: 7.847 min
Delta R.T.: 0.009 min
Response: 247540
Conc: 1.45 ng/ml



#36 AR-1262-1

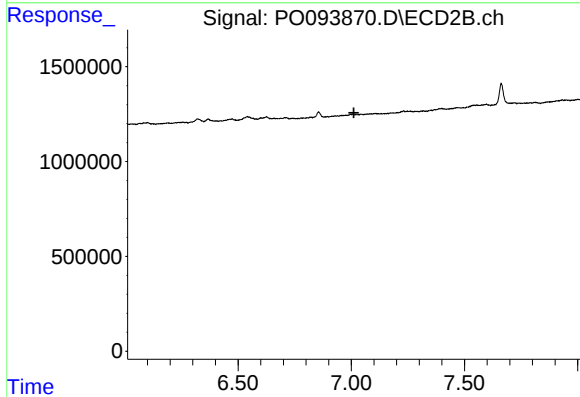
R.T.: 6.856 min
Delta R.T.: 0.050 min
Response: 422473
Conc: 12.07 ng/ml



#37 AR-1262-2

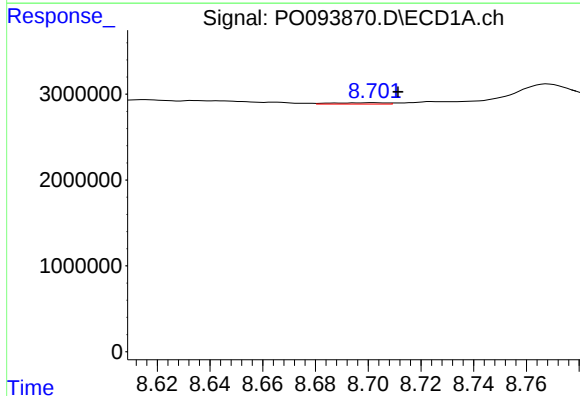
R.T.: 8.387 min
Delta R.T.: -0.005 min
Response: 225599
Conc: 0.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



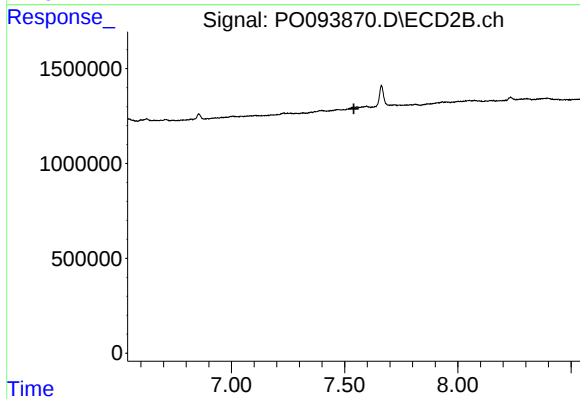
#37 AR-1262-2

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



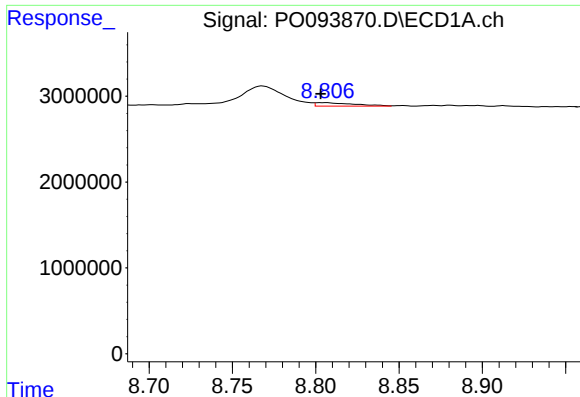
#38 AR-1262-3

R.T.: 8.702 min
Delta R.T.: -0.009 min
Response: 236164
Conc: 1.44 ng/ml



#38 AR-1262-3

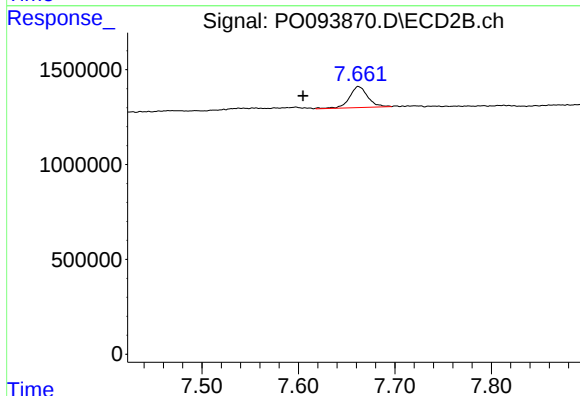
R.T.: 0.000 min
Exp R.T. : 7.541 min
Response: 0
Conc: N.D.



#39 AR-1262-4

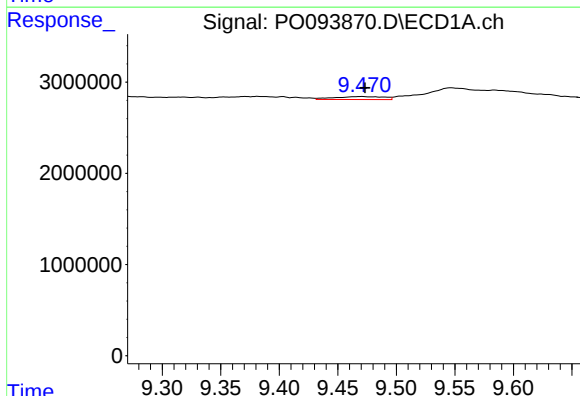
R.T.: 8.806 min
Delta R.T.: 0.003 min
Response: 658798
Conc: 6.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



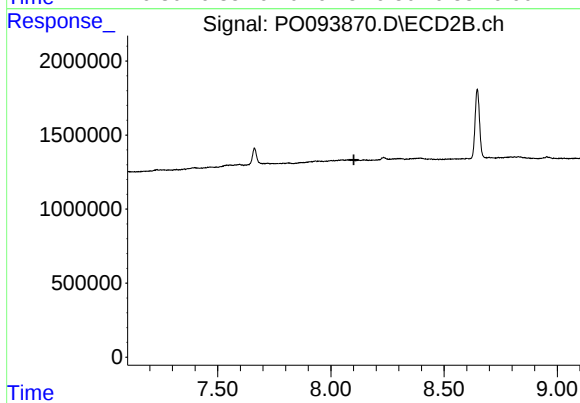
#39 AR-1262-4

R.T.: 7.662 min
Delta R.T.: 0.058 min
Response: 1445207
Conc: 17.43 ng/ml



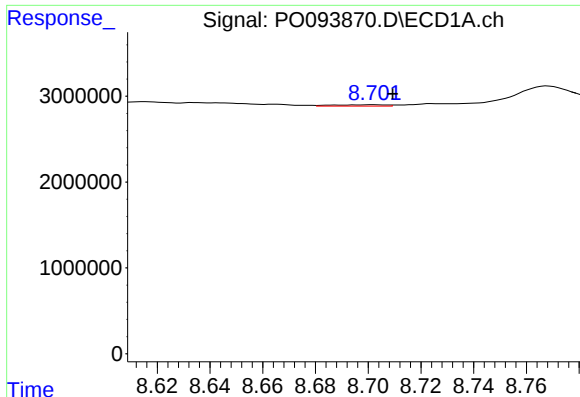
#40 AR-1262-5

R.T.: 9.471 min
Delta R.T.: -0.003 min
Response: 953261
Conc: 11.84 ng/ml



#40 AR-1262-5

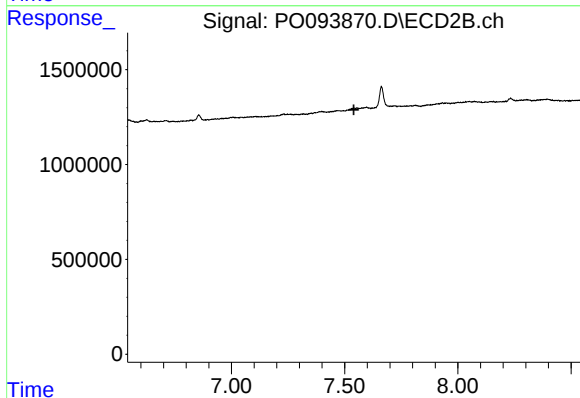
R.T.: 0.000 min
Exp R.T. : 8.102 min
Response: 0
Conc: N.D.



#41 AR-1268-1

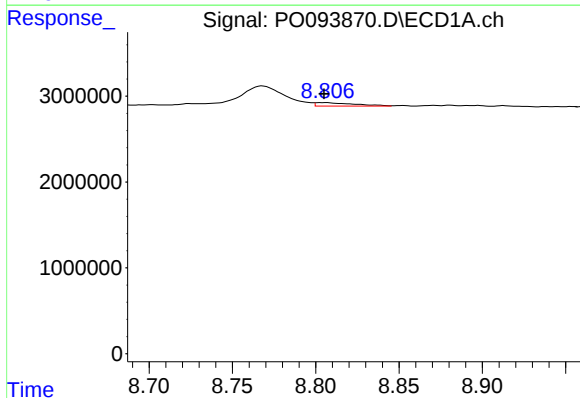
R.T.: 8.702 min
Delta R.T.: -0.007 min
Response: 236164
Conc: 0.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



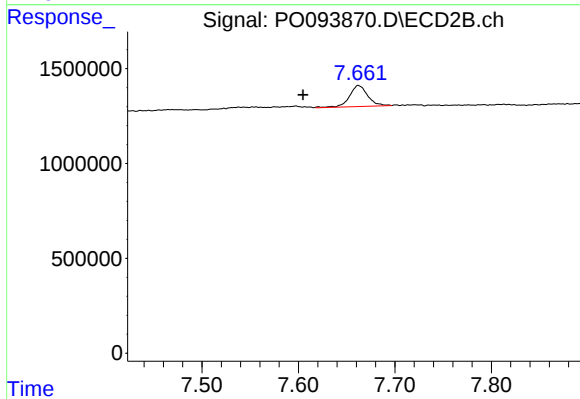
#41 AR-1268-1

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



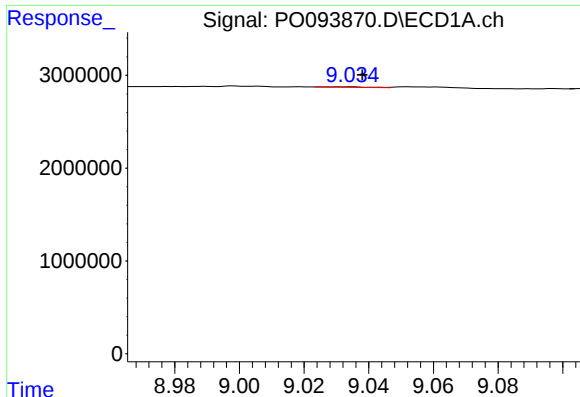
#42 AR-1268-2

R.T.: 8.806 min
Delta R.T.: 0.000 min
Response: 658798
Conc: 2.05 ng/ml



#42 AR-1268-2

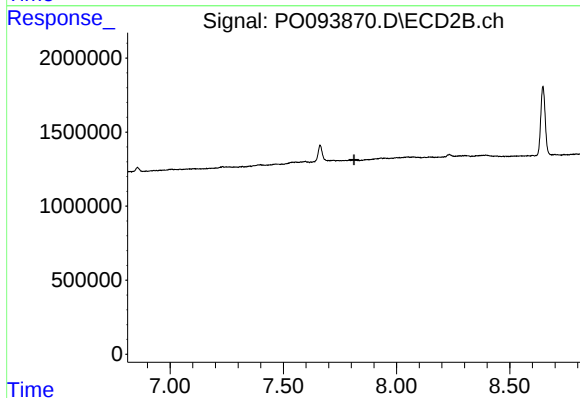
R.T.: 7.662 min
Delta R.T.: 0.058 min
Response: 1445207
Conc: 10.64 ng/ml



#43 AR-1268-3

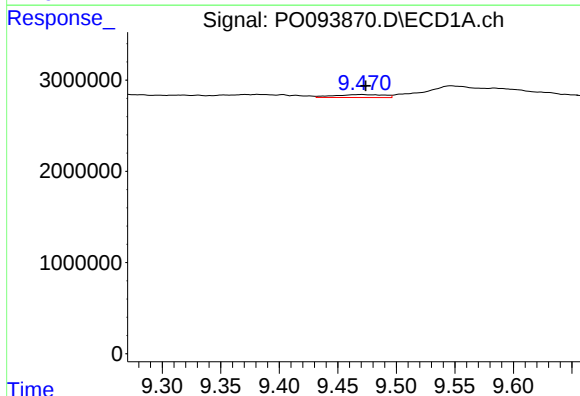
R.T.: 9.035 min
Delta R.T.: -0.003 min
Response: 47152
Conc: 0.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



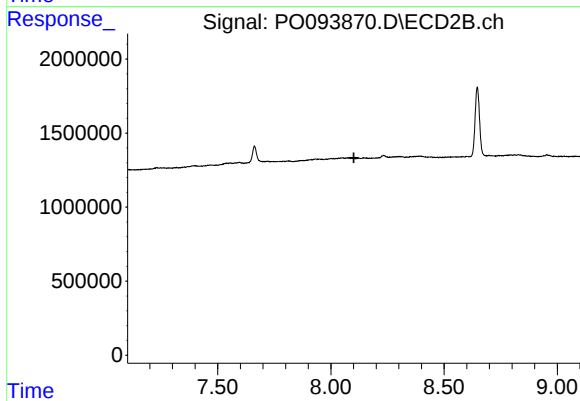
#43 AR-1268-3

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



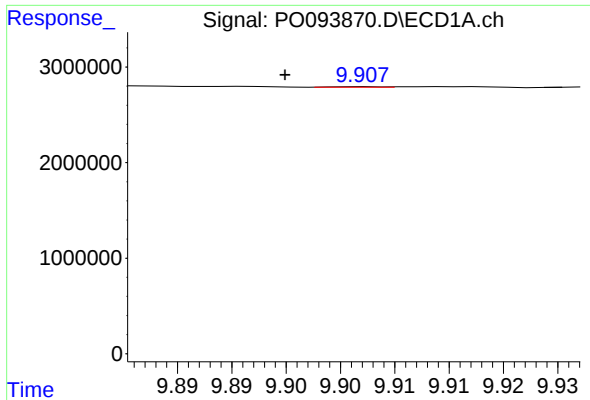
#44 AR-1268-4

R.T.: 9.471 min
Delta R.T.: -0.003 min
Response: 953261
Conc: 9.86 ng/ml



#44 AR-1268-4

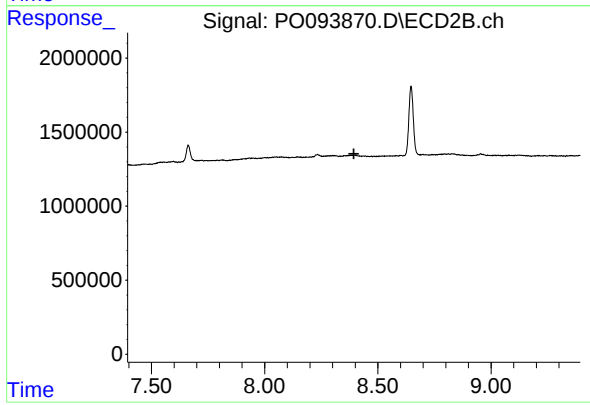
R.T.: 0.000 min
Exp R.T. : 8.102 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.908 min
Delta R.T.: 0.008 min
Response: 16758
Conc: 0.02 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.