

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0040723\
 Data File : P0093944.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Apr 2023 20:00
 Operator : YP/AJ
 Sample : 02213-07
 Misc : AR1221 LOD 40 PPB
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 07 22:55:32 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...	4.419	3.623	61211334	22237368	16.374	17.463
2)	SA Decachlor...	10.241	8.642	46820618	21109044	20.931	21.114
Target Compounds							
3)	L1 AR-1016-1	5.596	0.000	1764392	0	17.253	N.D. #
4)	L1 AR-1016-2	5.620	0.000	1724778	0	11.066	N.D. #
5)	L1 AR-1016-3	5.680	0.000	1224223	0	12.412	N.D. #
6)	L1 AR-1016-4	5.740f	0.000	32177	0	0.438	N.D. #
7)	L1 AR-1016-5	6.109	0.000	1634181	0	19.302	N.D. #
8)	L2 AR-1221-1	4.626	3.838	1594266	456157	34.568	29.131
9)	L2 AR-1221-2	4.720	3.922	2049650	702759	59.710	59.544
10)	L2 AR-1221-3	4.792	3.998	3780159	1309123	36.092	35.538
11)	L3 AR-1232-1	4.792	3.998	3780159	1309123	43.312	41.904
12)	L3 AR-1232-2	5.325	0.000	228598	0	5.345	N.D. #
13)	L3 AR-1232-3	5.620	0.000	1724778	0	23.480	N.D. #
14)	L3 AR-1232-4	5.740f	0.000	32177	0	0.935	N.D. #
15)	L3 AR-1232-5	5.870	0.000	86443	0	2.722	N.D. #
16)	L4 AR-1242-1	5.596	0.000	1764392	0	20.214	N.D. #
17)	L4 AR-1242-2	5.620	0.000	1724778	0	12.972	N.D. #
18)	L4 AR-1242-3	5.680	0.000	1224223	0	14.422	N.D. #
19)	L4 AR-1242-4	5.740f	0.000	32177	0	0.515	N.D. #
20)	L4 AR-1242-5	6.524	0.000	1008774	0	14.982	N.D. #
21)	L5 AR-1248-1	5.596	0.000	1764392	0	26.224	N.D. #
22)	L5 AR-1248-2	5.870	0.000	86443	0	0.790	N.D. #
23)	L5 AR-1248-3	6.109	0.000	1634181	0	13.537	N.D. #
24)	L5 AR-1248-4	6.492	0.000	2549092	0	23.735	N.D. #
25)	L5 AR-1248-5	6.524	0.000	1008774	0	8.695	N.D. #
26)	L6 AR-1254-1	6.492	0.000	2549092	0	18.795	N.D. #
27)	L6 AR-1254-2	6.687	0.000	388114	0	1.986	N.D. #
28)	L6 AR-1254-3	7.049	0.000	707984	0	3.832	N.D. #
29)	L6 AR-1254-4	7.353	0.000	72233	0	0.712	N.D. #
30)	L6 AR-1254-5	7.771	0.000	1494813	0	11.023	N.D. #
31)	L7 AR-1260-1	7.164f	0.000	1309841	0	8.974	N.D. #
32)	L7 AR-1260-2	7.495	0.000	473174	0	2.956	N.D. #
33)	L7 AR-1260-3	7.860	0.000	367448	0	2.767	N.D. #
34)	L7 AR-1260-4	8.052	0.000	62891	0	0.457	N.D. #
35)	L7 AR-1260-5	8.421	0.000	218297	0	1.002	N.D. #
36)	L8 AR-1262-1	7.860	0.000	367448	0	2.151	N.D. #
37)	L8 AR-1262-2	8.421	0.000	218297	0	0.939	N.D. #
38)	L8 AR-1262-3	8.766f	0.000	2532512	0	15.460	N.D. #
39)	L8 AR-1262-4	8.766f	7.658f	2532512	637409	25.276	7.686 #
40)	L8 AR-1262-5	9.449	0.000	724366	0	9.000	N.D. #
41)	L9 AR-1268-1	8.766f	0.000	2532512	0	7.525	N.D. #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0040723\
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 Sample : 02213-07
 Misc : AR1221 LOD 40 PPB
 ALS Vial : 17 Sample Multiplier: 1

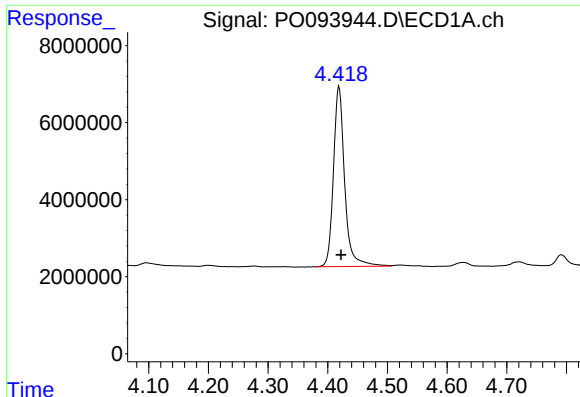
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 07 22:55:32 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0040323.M
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 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	8.766f	7.658f	2532512	637409	7.869	4.692 #
43) L9	AR-1268-3	9.031	0.000	740617	0	2.612	N.D. #
44) L9	AR-1268-4	9.449	0.000	724366	0	7.492	N.D. #
45) L9	AR-1268-5	9.890	0.000	173334	0	0.206	N.D. #

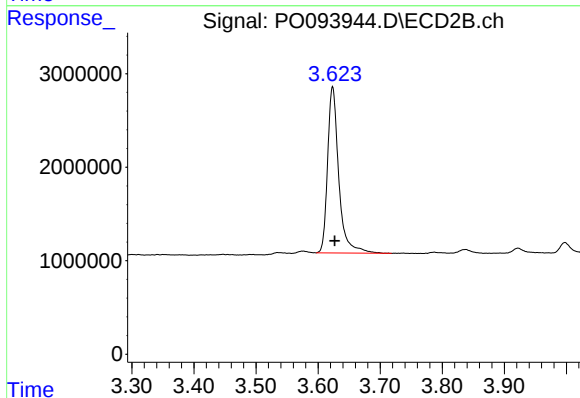
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

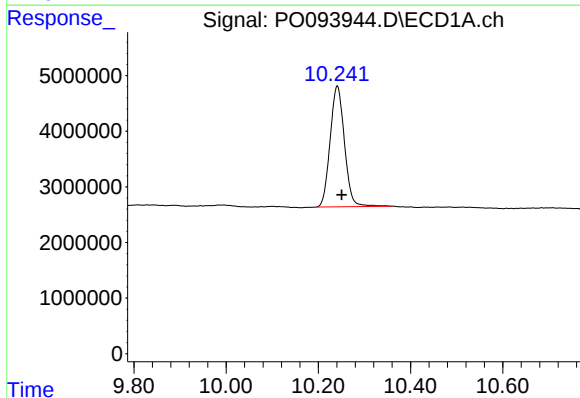
R.T.: 4.419 min
Delta R.T.: -0.003 min
Response: 61211334
Conc: 16.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



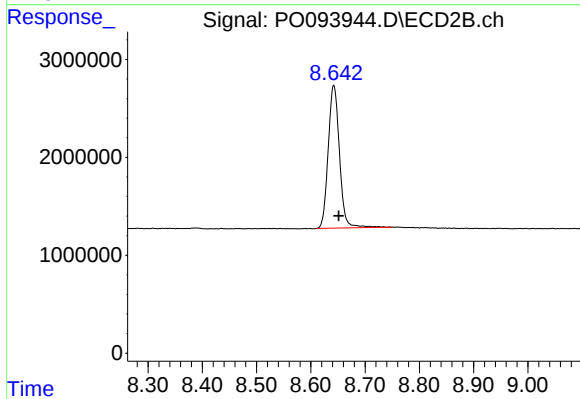
#1 Tetrachloro-m-xylene

R.T.: 3.623 min
Delta R.T.: -0.003 min
Response: 22237368
Conc: 17.46 ng/ml



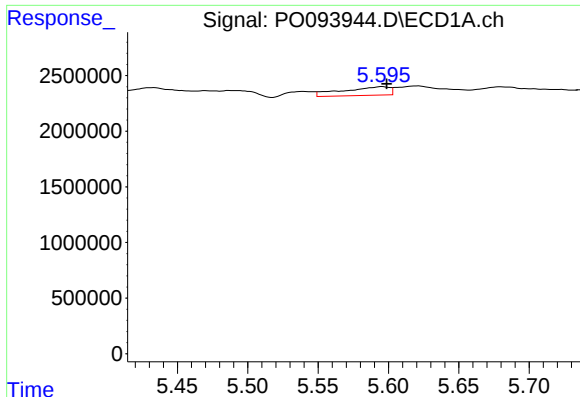
#2 Decachlorobiphenyl

R.T.: 10.241 min
Delta R.T.: -0.009 min
Response: 46820618
Conc: 20.93 ng/ml



#2 Decachlorobiphenyl

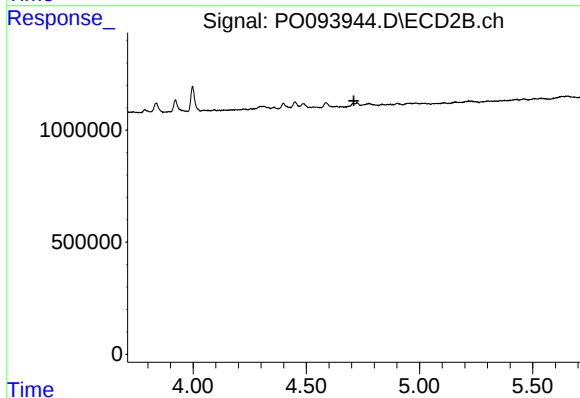
R.T.: 8.642 min
Delta R.T.: -0.009 min
Response: 21109044
Conc: 21.11 ng/ml



#3 AR-1016-1

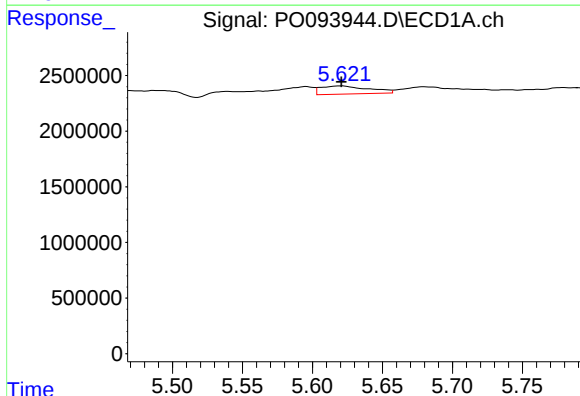
R.T.: 5.596 min
Delta R.T.: -0.003 min
Response: 1764392
Conc: 17.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



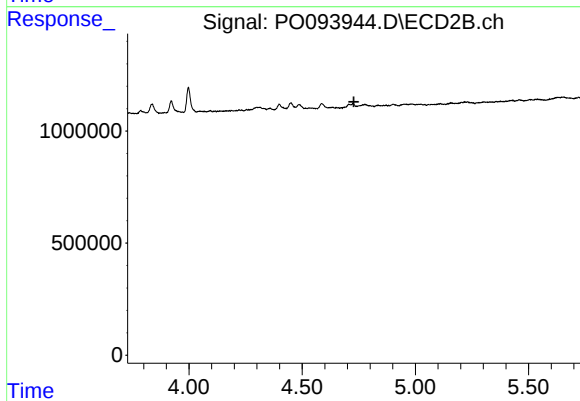
#3 AR-1016-1

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



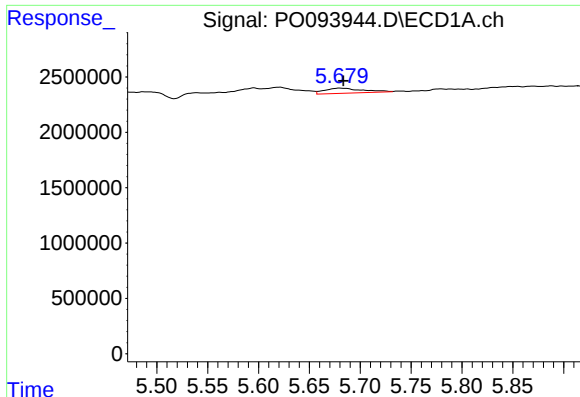
#4 AR-1016-2

R.T.: 5.620 min
Delta R.T.: 0.000 min
Response: 1724778
Conc: 11.07 ng/ml



#4 AR-1016-2

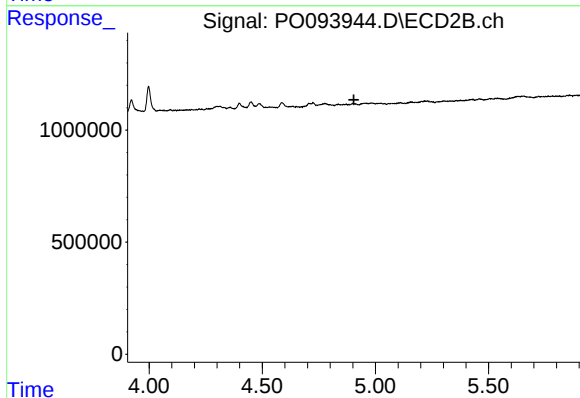
R.T.: 0.000 min
Exp R.T. : 4.729 min
Response: 0
Conc: N.D.



#5 AR-1016-3

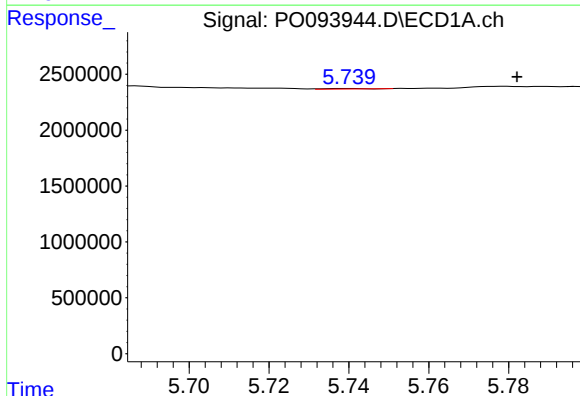
R.T.: 5.680 min
Delta R.T.: -0.003 min
Response: 1224223
Conc: 12.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



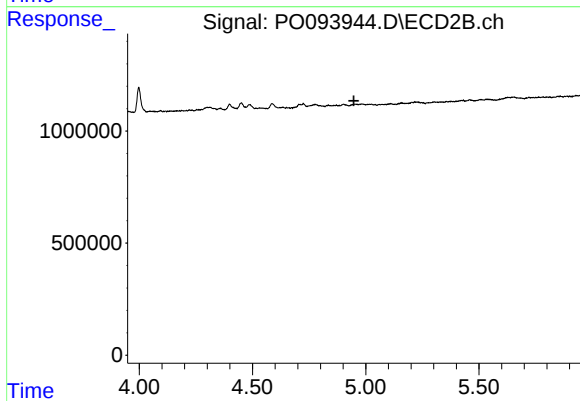
#5 AR-1016-3

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



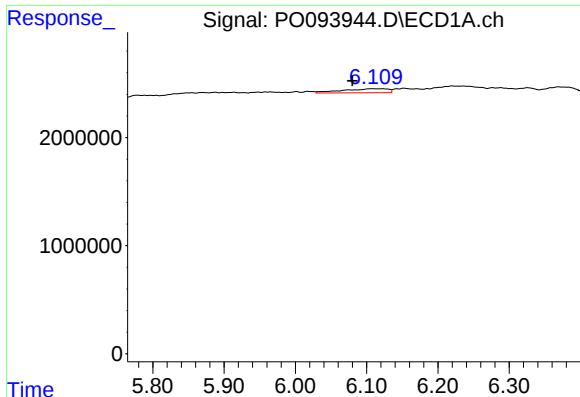
#6 AR-1016-4

R.T.: 5.740 min
Delta R.T.: -0.043 min
Response: 32177
Conc: 0.44 ng/ml



#6 AR-1016-4

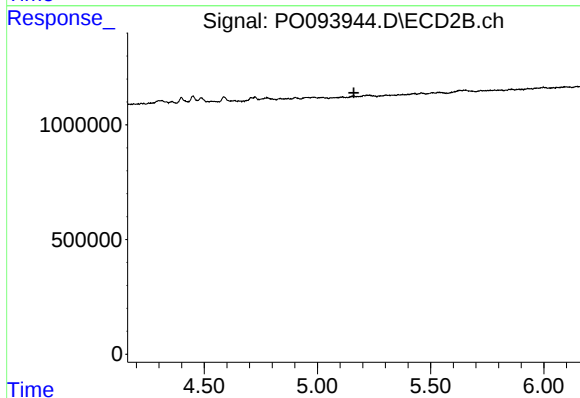
R.T.: 0.000 min
Exp R.T. : 4.948 min
Response: 0
Conc: N.D.



#7 AR-1016-5

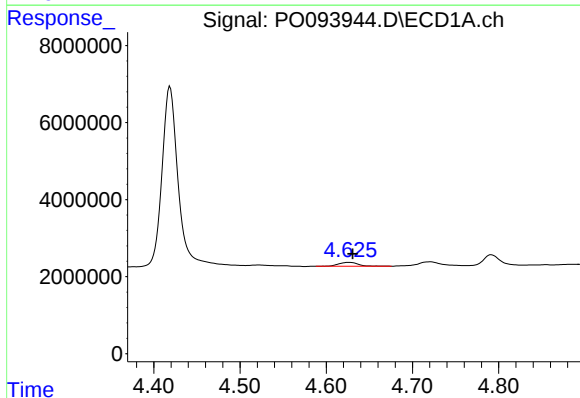
R.T.: 6.109 min
Delta R.T.: 0.030 min
Response: 1634181
Conc: 19.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



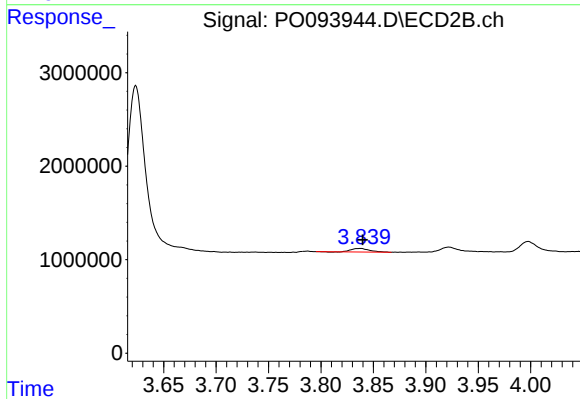
#7 AR-1016-5

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



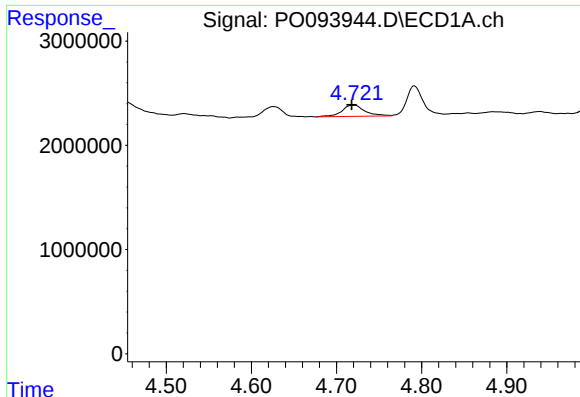
#8 AR-1221-1

R.T.: 4.626 min
Delta R.T.: -0.004 min
Response: 1594266
Conc: 34.57 ng/ml



#8 AR-1221-1

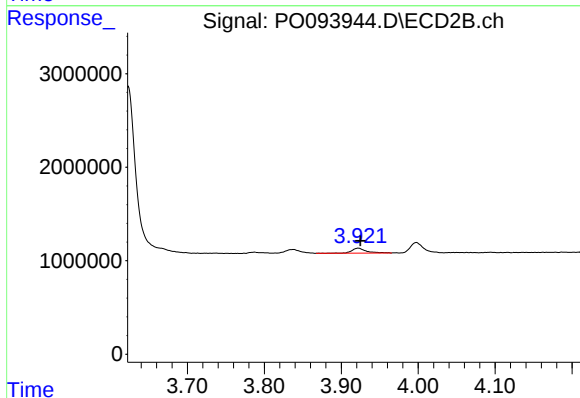
R.T.: 3.838 min
Delta R.T.: -0.002 min
Response: 456157
Conc: 29.13 ng/ml



#9 AR-1221-2

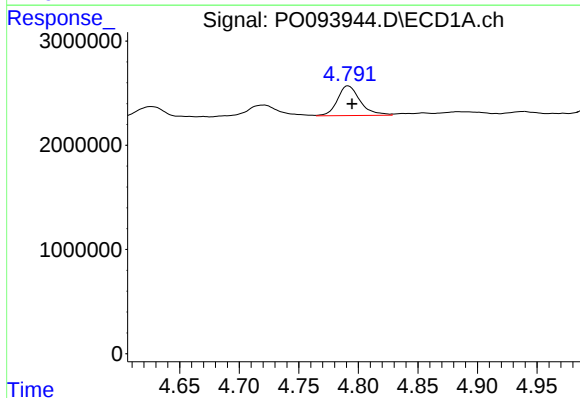
R.T.: 4.720 min
Delta R.T.: 0.002 min
Response: 2049650
Conc: 59.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



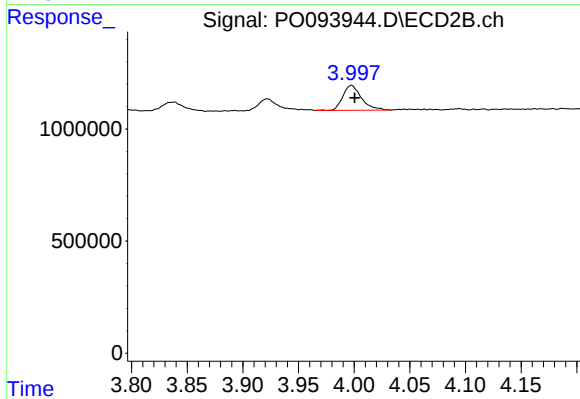
#9 AR-1221-2

R.T.: 3.922 min
Delta R.T.: -0.003 min
Response: 702759
Conc: 59.54 ng/ml



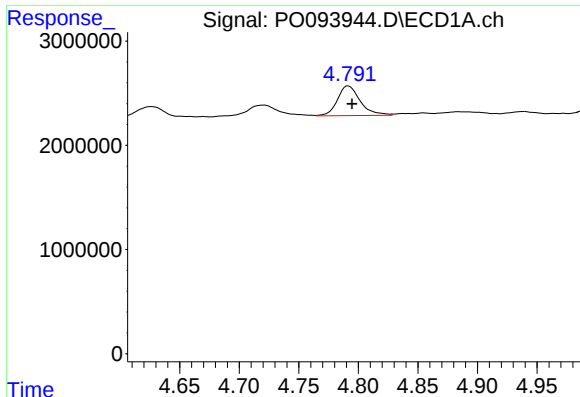
#10 AR-1221-3

R.T.: 4.792 min
Delta R.T.: -0.003 min
Response: 3780159
Conc: 36.09 ng/ml



#10 AR-1221-3

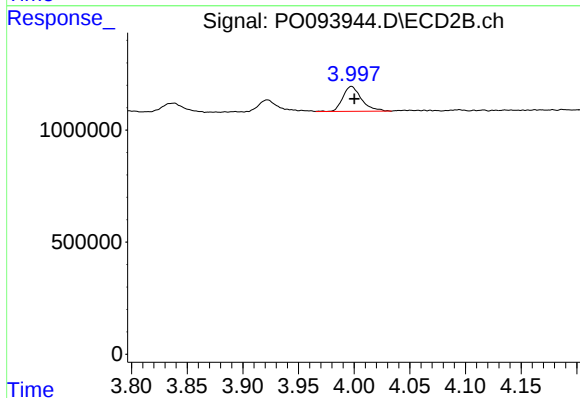
R.T.: 3.998 min
Delta R.T.: -0.003 min
Response: 1309123
Conc: 35.54 ng/ml



#11 AR-1232-1

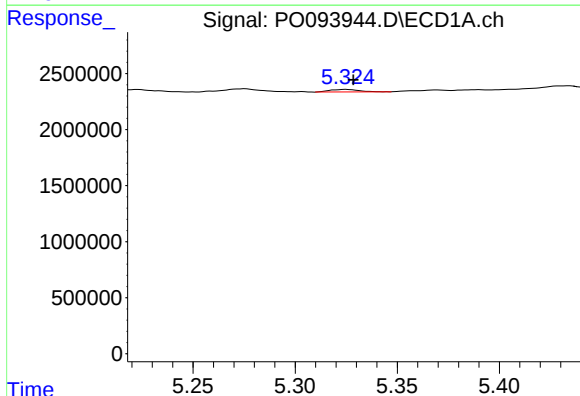
R.T.: 4.792 min
Delta R.T.: -0.003 min
Response: 3780159
Conc: 43.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



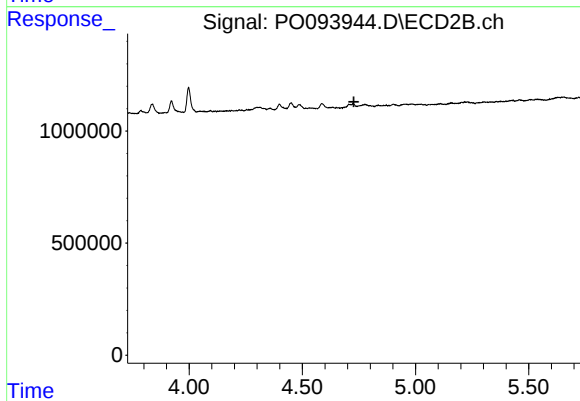
#11 AR-1232-1

R.T.: 3.998 min
Delta R.T.: -0.003 min
Response: 1309123
Conc: 41.90 ng/ml



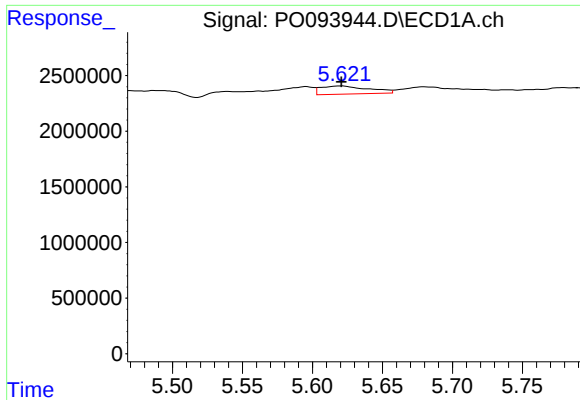
#12 AR-1232-2

R.T.: 5.325 min
Delta R.T.: -0.004 min
Response: 228598
Conc: 5.35 ng/ml



#12 AR-1232-2

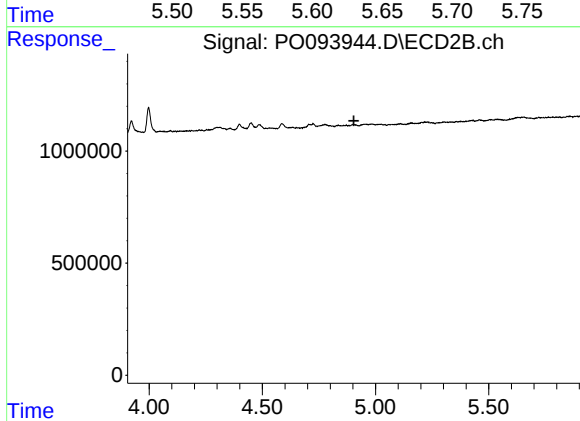
R.T.: 0.000 min
Exp R.T. : 4.728 min
Response: 0
Conc: N.D.



#13 AR-1232-3

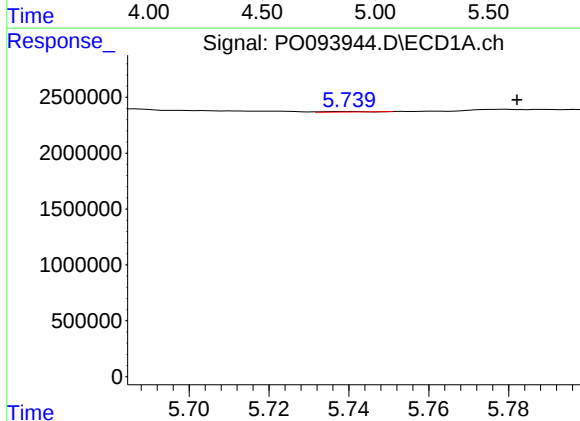
R.T.: 5.620 min
Delta R.T.: 0.000 min
Response: 1724778
Conc: 23.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



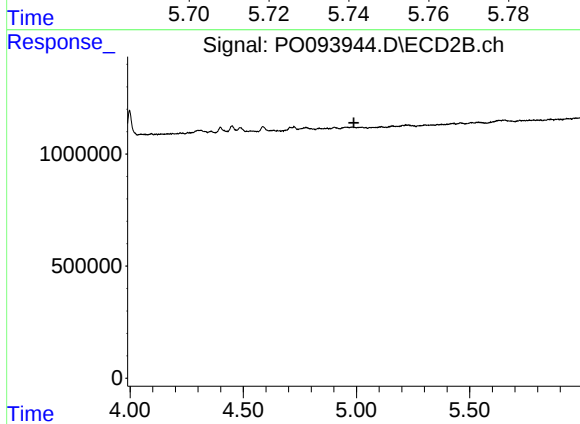
#13 AR-1232-3

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



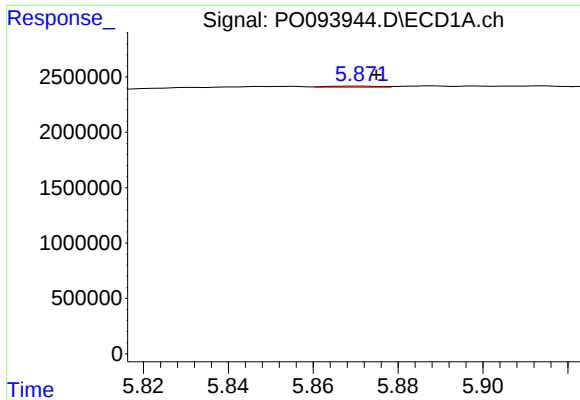
#14 AR-1232-4

R.T.: 5.740 min
Delta R.T.: -0.043 min
Response: 32177
Conc: 0.93 ng/ml



#14 AR-1232-4

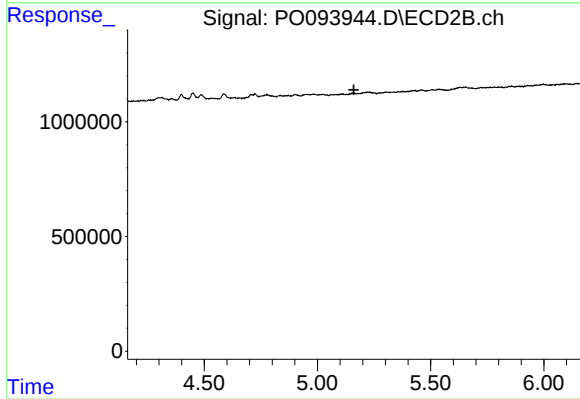
R.T.: 0.000 min
Exp R.T. : 4.988 min
Response: 0
Conc: N.D.



#15 AR-1232-5

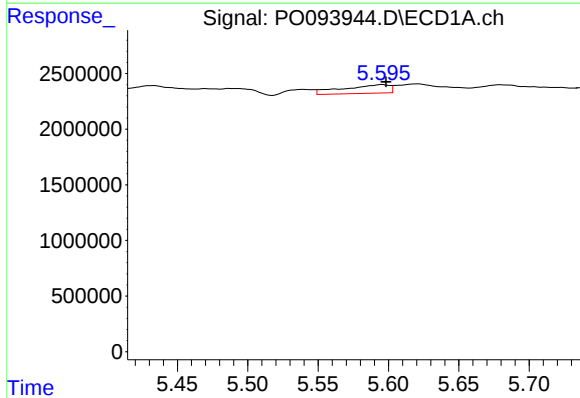
R.T.: 5.870 min
Delta R.T.: -0.005 min
Response: 86443
Conc: 2.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



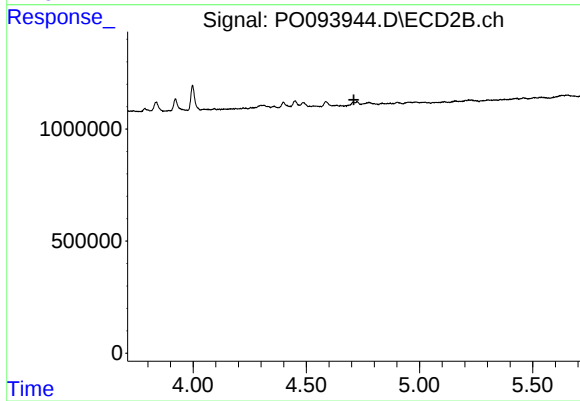
#15 AR-1232-5

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



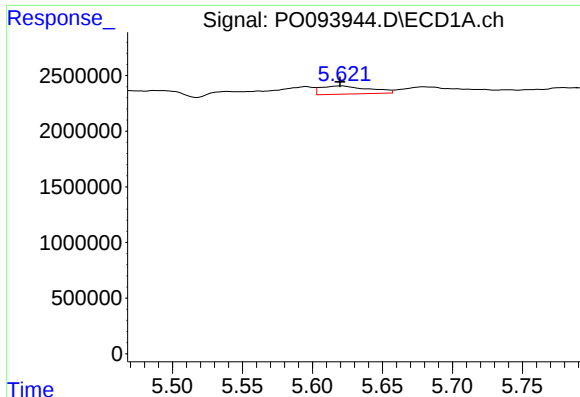
#16 AR-1242-1

R.T.: 5.596 min
Delta R.T.: -0.003 min
Response: 1764392
Conc: 20.21 ng/ml



#16 AR-1242-1

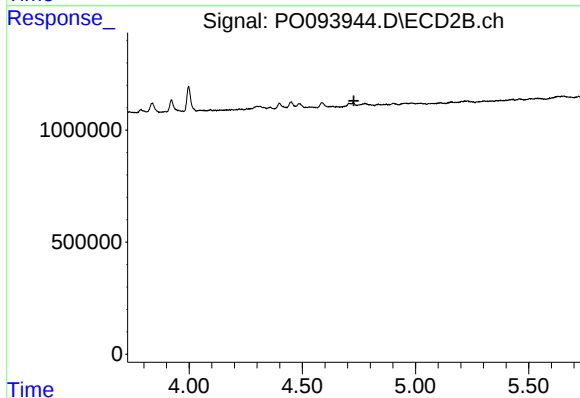
R.T.: 0.000 min
Exp R.T. : 4.710 min
Response: 0
Conc: N.D.



#17 AR-1242-2

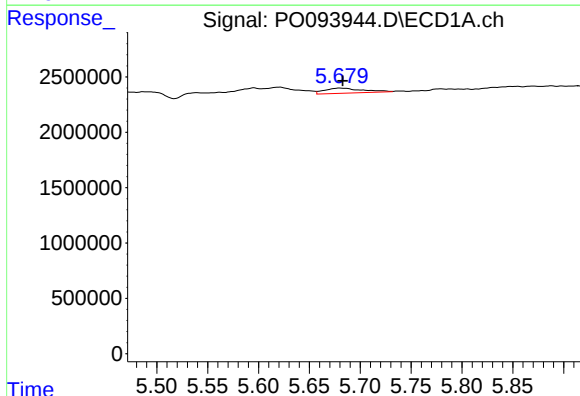
R.T.: 5.620 min
Delta R.T.: 0.000 min
Response: 1724778
Conc: 12.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



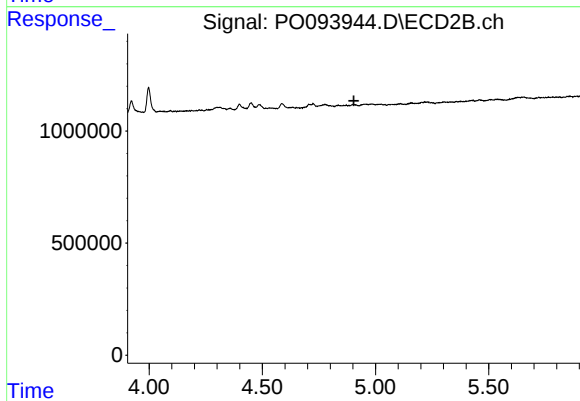
#17 AR-1242-2

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



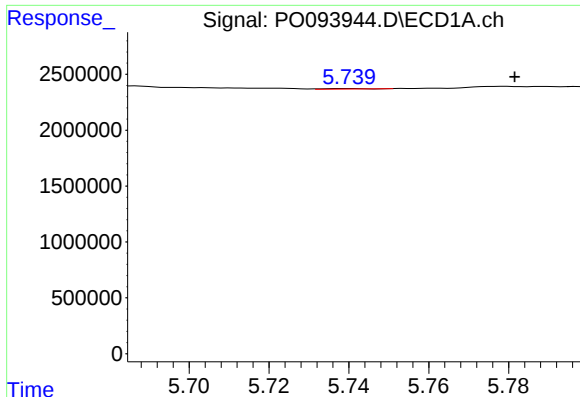
#18 AR-1242-3

R.T.: 5.680 min
Delta R.T.: -0.003 min
Response: 1224223
Conc: 14.42 ng/ml



#18 AR-1242-3

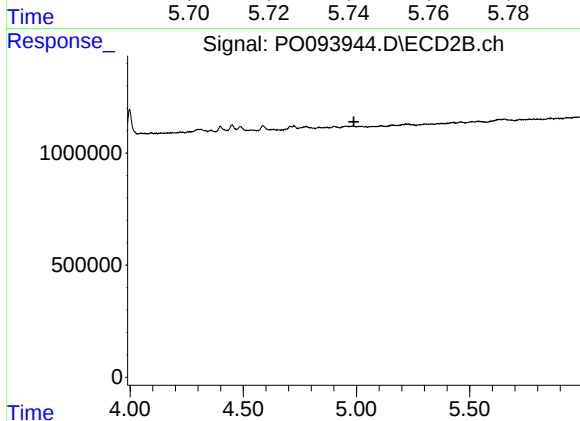
R.T.: 0.000 min
Exp R.T. : 4.904 min
Response: 0
Conc: N.D.



#19 AR-1242-4

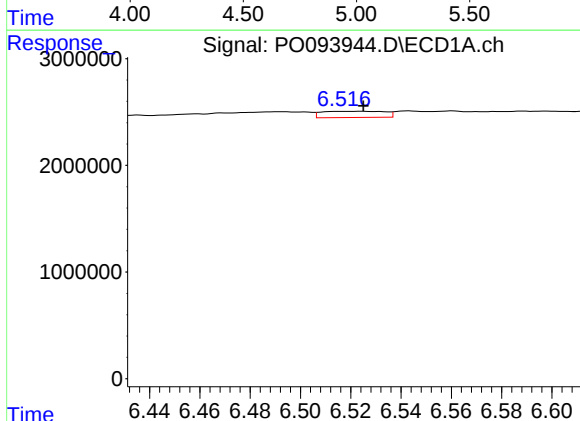
R.T.: 5.740 min
Delta R.T.: -0.042 min
Response: 32177
Conc: 0.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



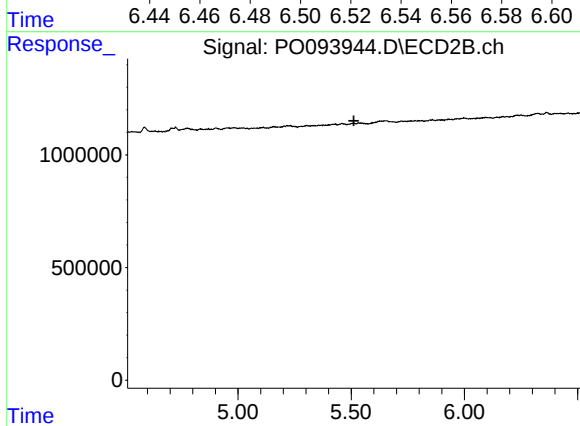
#19 AR-1242-4

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



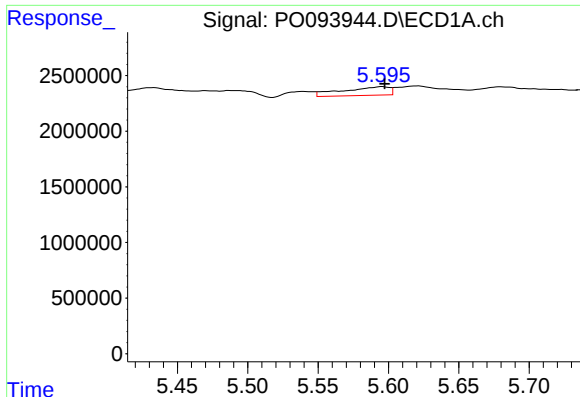
#20 AR-1242-5

R.T.: 6.524 min
Delta R.T.: -0.001 min
Response: 1008774
Conc: 14.98 ng/ml



#20 AR-1242-5

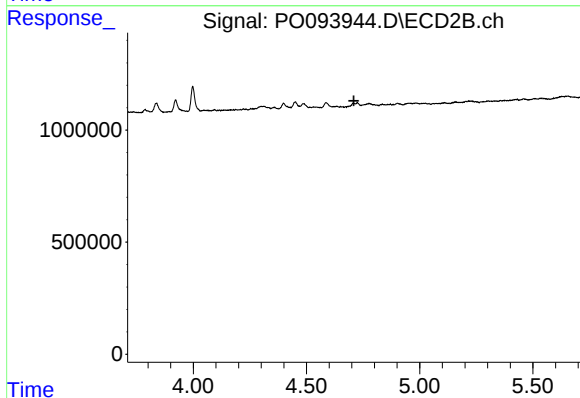
R.T.: 0.000 min
Exp R.T. : 5.512 min
Response: 0
Conc: N.D.



#21 AR-1248-1

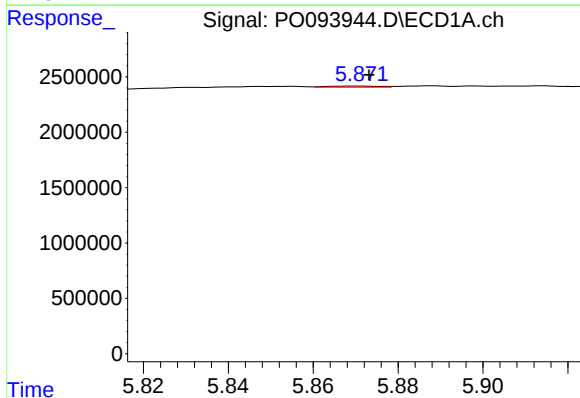
R.T.: 5.596 min
Delta R.T.: -0.002 min
Response: 1764392
Conc: 26.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



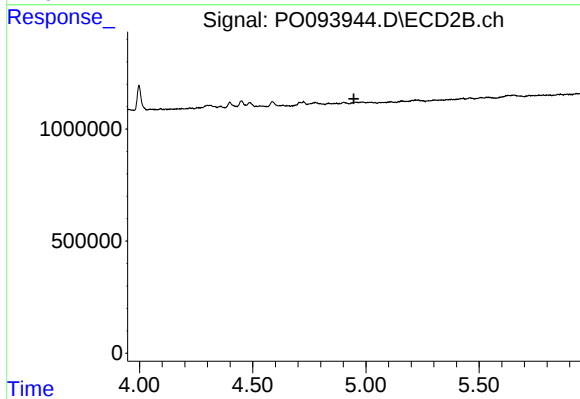
#21 AR-1248-1

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



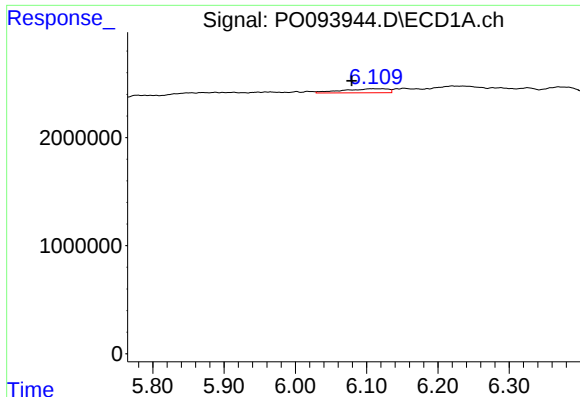
#22 AR-1248-2

R.T.: 5.870 min
Delta R.T.: -0.003 min
Response: 86443
Conc: 0.79 ng/ml



#22 AR-1248-2

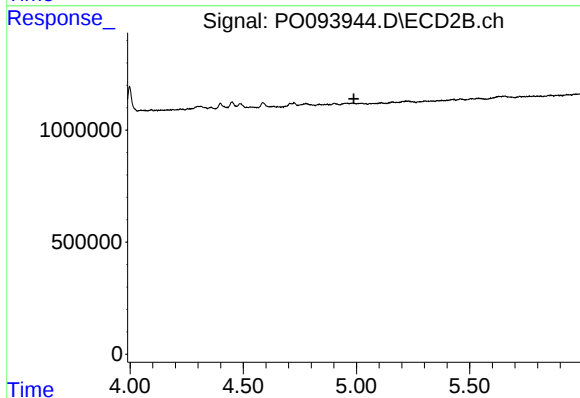
R.T.: 0.000 min
Exp R.T. : 4.947 min
Response: 0
Conc: N.D.



#23 AR-1248-3

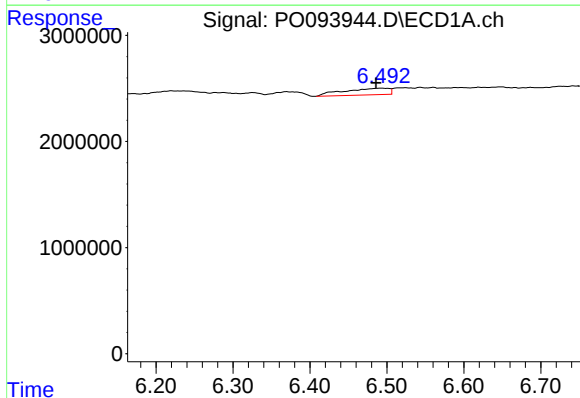
R.T.: 6.109 min
Delta R.T.: 0.030 min
Response: 1634181
Conc: 13.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



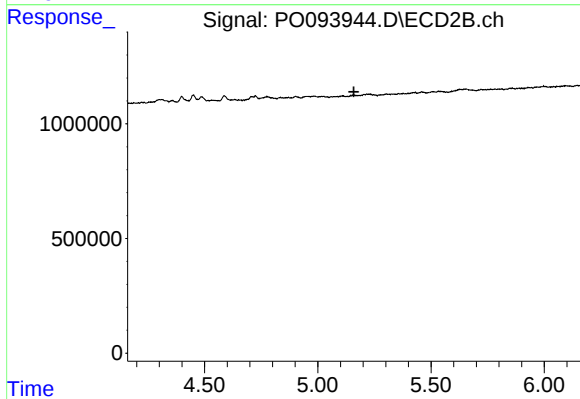
#23 AR-1248-3

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



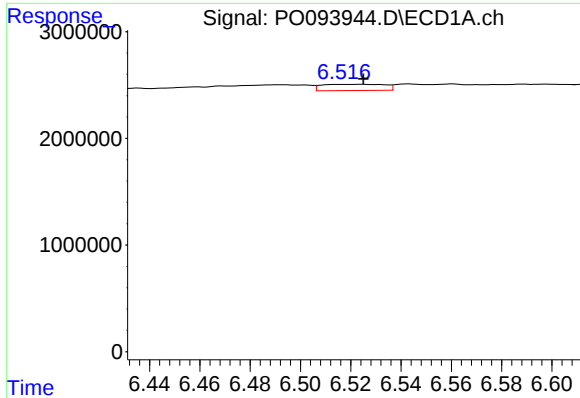
#24 AR-1248-4

R.T.: 6.492 min
Delta R.T.: 0.006 min
Response: 2549092
Conc: 23.74 ng/ml



#24 AR-1248-4

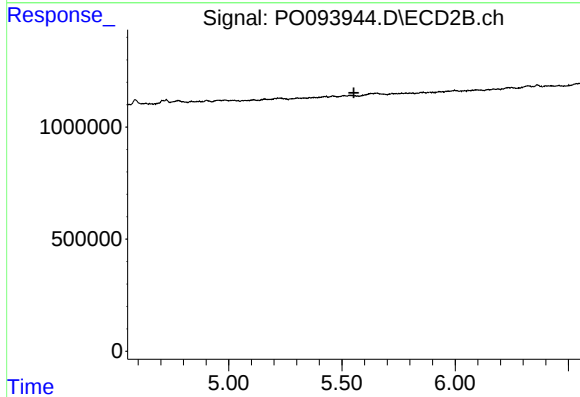
R.T.: 0.000 min
Exp R.T. : 5.160 min
Response: 0
Conc: N.D.



#25 AR-1248-5

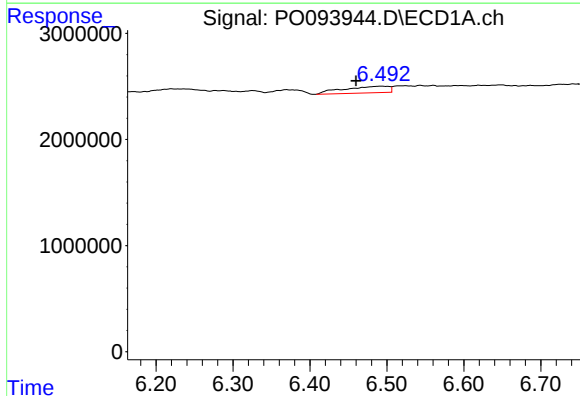
R.T.: 6.524 min
Delta R.T.: -0.001 min
Response: 1008774
Conc: 8.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



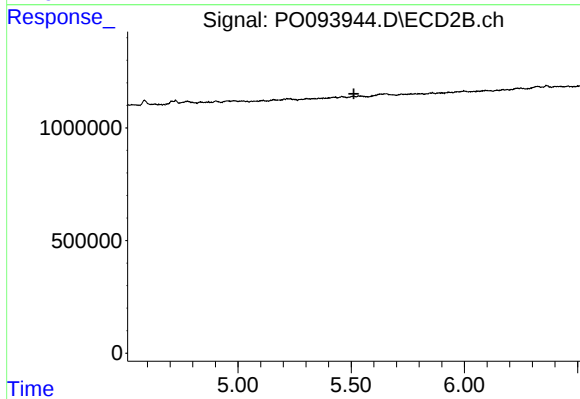
#25 AR-1248-5

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



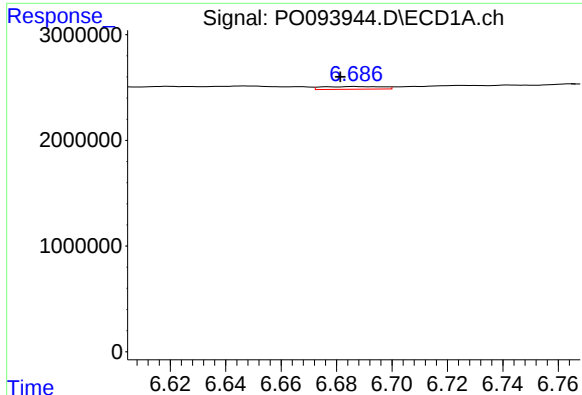
#26 AR-1254-1

R.T.: 6.492 min
Delta R.T.: 0.032 min
Response: 2549092
Conc: 18.79 ng/ml



#26 AR-1254-1

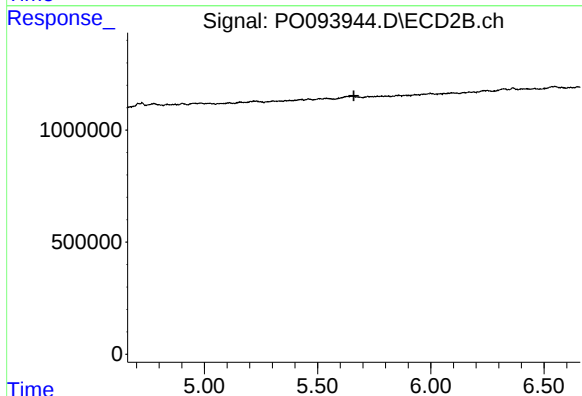
R.T.: 0.000 min
Exp R.T. : 5.512 min
Response: 0
Conc: N.D.



#27 AR-1254-2

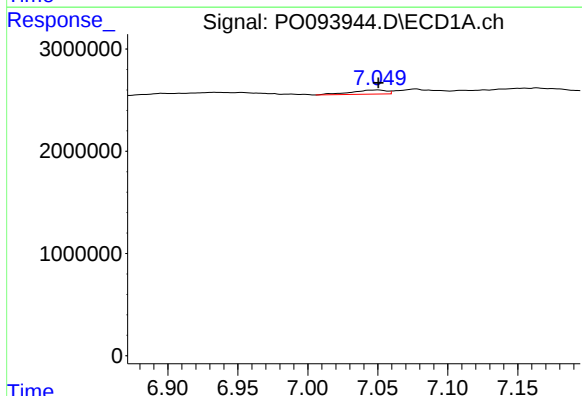
R.T.: 6.687 min
Delta R.T.: 0.006 min
Response: 388114
Conc: 1.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



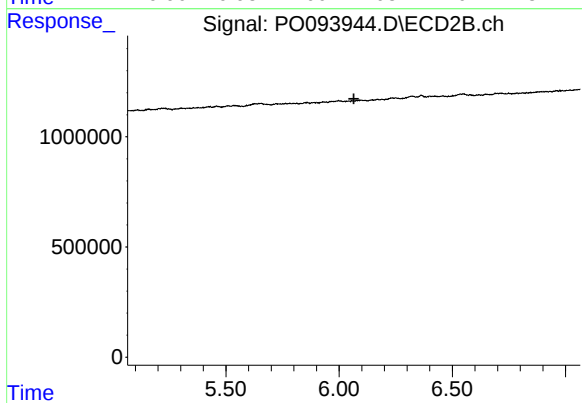
#27 AR-1254-2

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



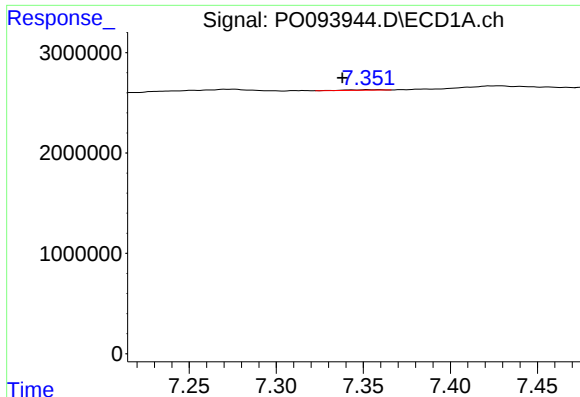
#28 AR-1254-3

R.T.: 7.049 min
Delta R.T.: -0.001 min
Response: 707984
Conc: 3.83 ng/ml



#28 AR-1254-3

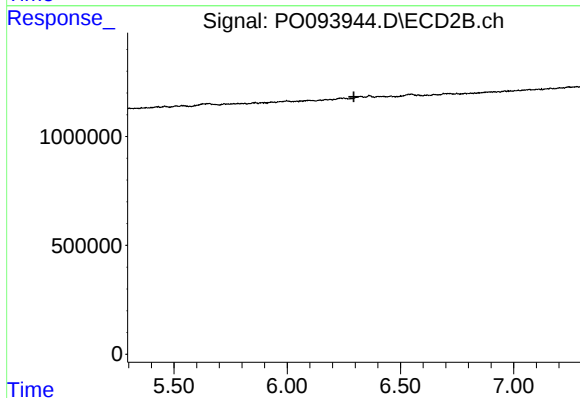
R.T.: 0.000 min
Exp R.T. : 6.065 min
Response: 0
Conc: N.D.



#29 AR-1254-4

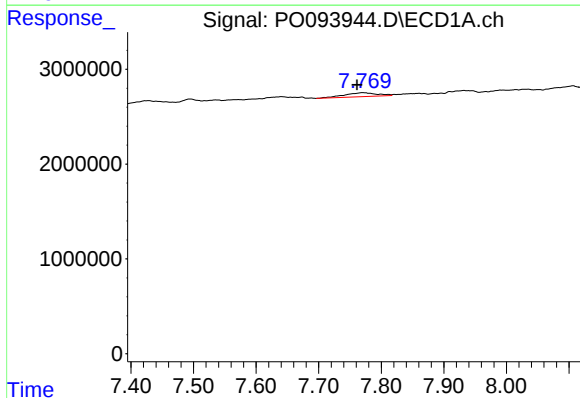
R.T.: 7.353 min
Delta R.T.: 0.015 min
Response: 72233
Conc: 0.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



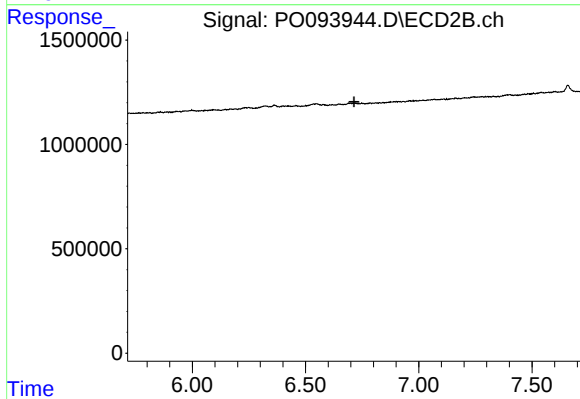
#29 AR-1254-4

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



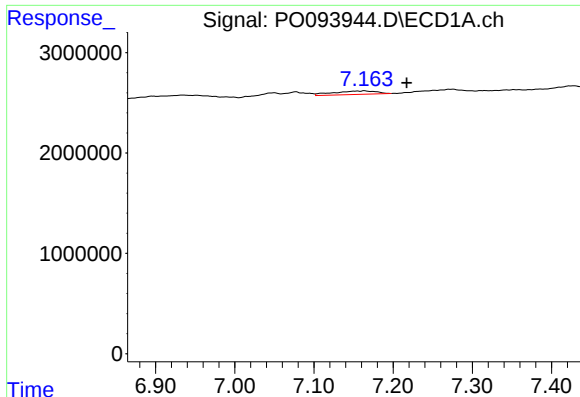
#30 AR-1254-5

R.T.: 7.771 min
Delta R.T.: 0.010 min
Response: 1494813
Conc: 11.02 ng/ml



#30 AR-1254-5

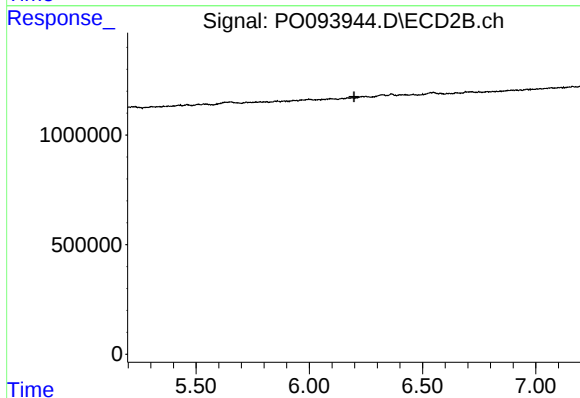
R.T.: 0.000 min
Exp R.T. : 6.714 min
Response: 0
Conc: N.D.



#31 AR-1260-1

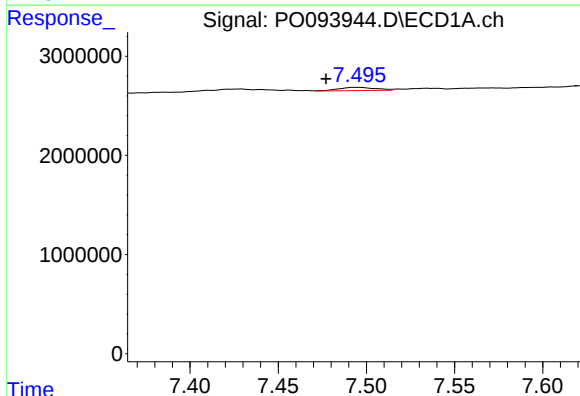
R.T.: 7.164 min
Delta R.T.: -0.053 min
Response: 1309841
Conc: 8.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



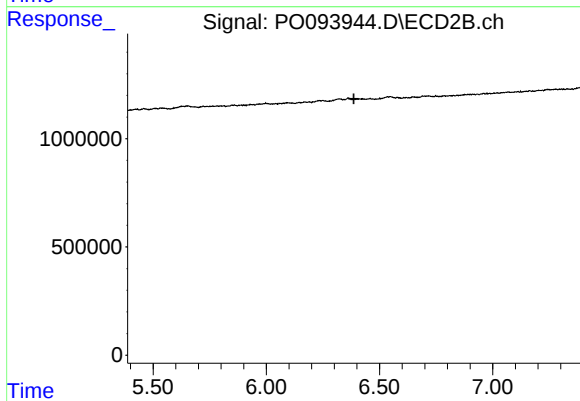
#31 AR-1260-1

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



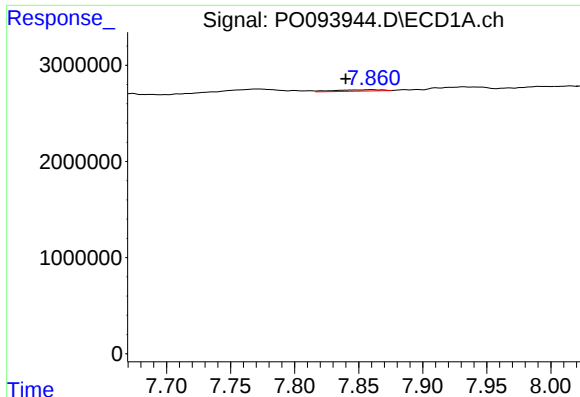
#32 AR-1260-2

R.T.: 7.495 min
Delta R.T.: 0.018 min
Response: 473174
Conc: 2.96 ng/ml



#32 AR-1260-2

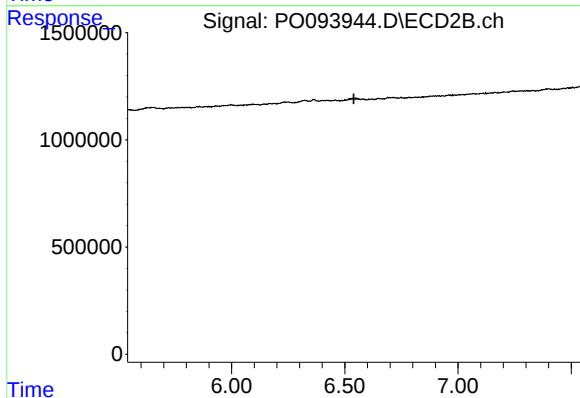
R.T.: 0.000 min
Exp R.T. : 6.387 min
Response: 0
Conc: N.D.



#33 AR-1260-3

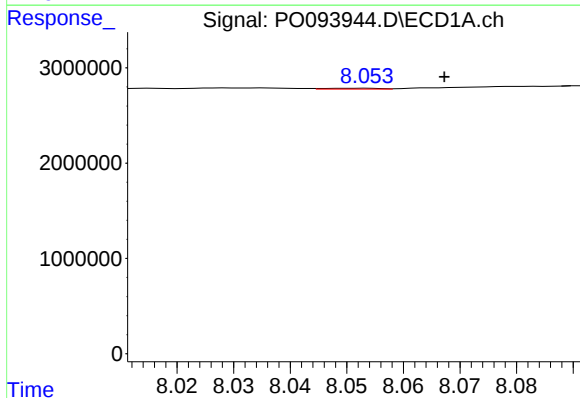
R.T.: 7.860 min
Delta R.T.: 0.020 min
Response: 367448
Conc: 2.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



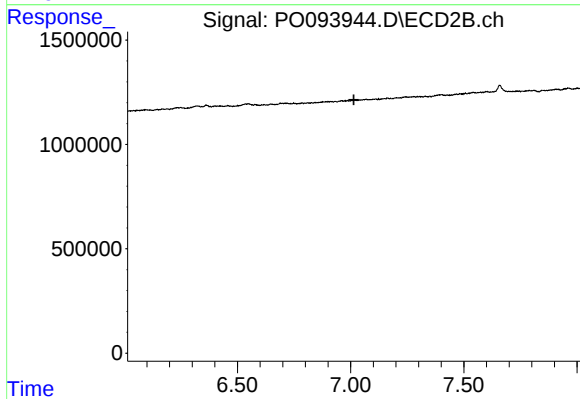
#33 AR-1260-3

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



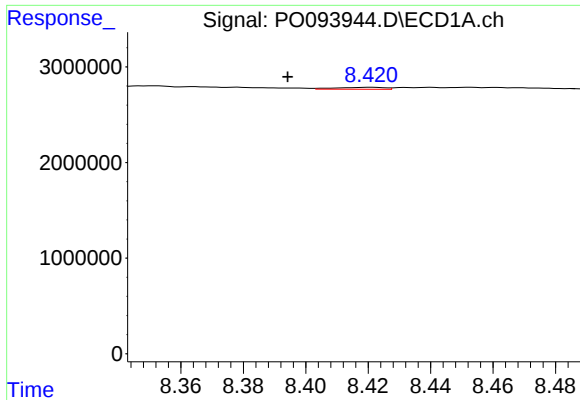
#34 AR-1260-4

R.T.: 8.052 min
Delta R.T.: -0.015 min
Response: 62891
Conc: 0.46 ng/ml



#34 AR-1260-4

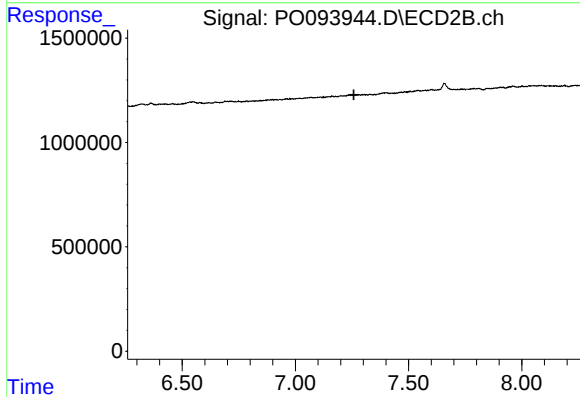
R.T.: 0.000 min
Exp R.T. : 7.014 min
Response: 0
Conc: N.D.



#35 AR-1260-5

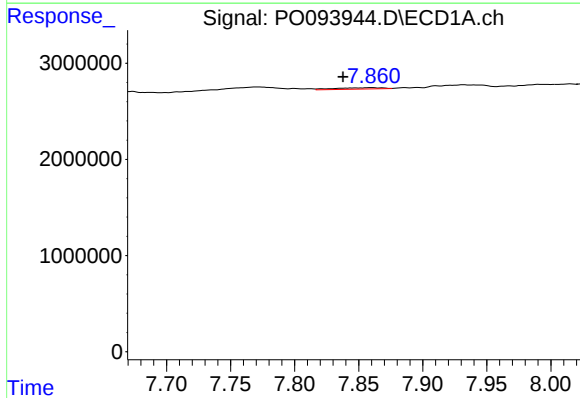
R.T.: 8.421 min
Delta R.T.: 0.027 min
Response: 218297
Conc: 1.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



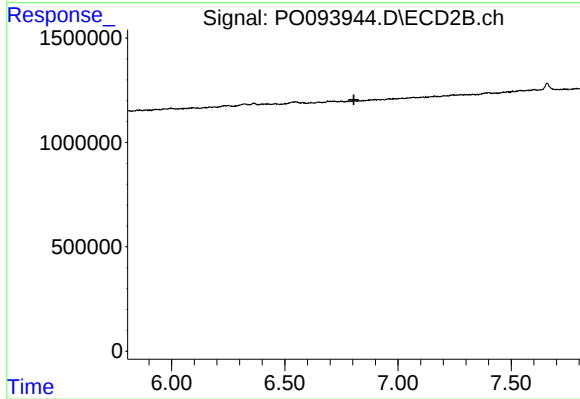
#35 AR-1260-5

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



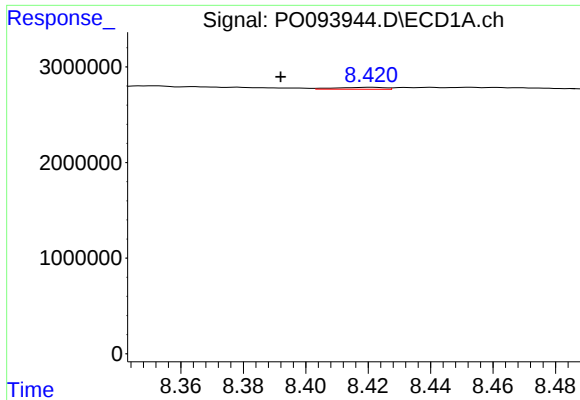
#36 AR-1262-1

R.T.: 7.860 min
Delta R.T.: 0.022 min
Response: 367448
Conc: 2.15 ng/ml



#36 AR-1262-1

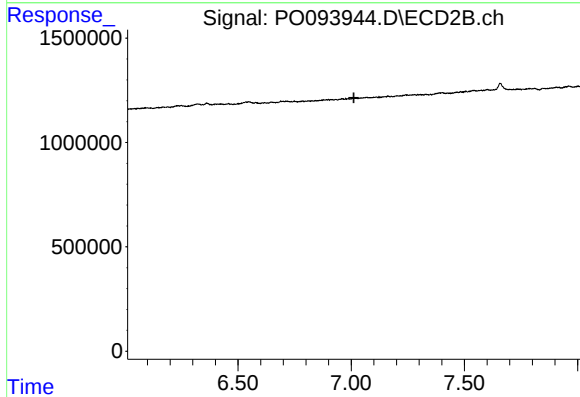
R.T.: 0.000 min
Exp R.T. : 6.805 min
Response: 0
Conc: N.D.



#37 AR-1262-2

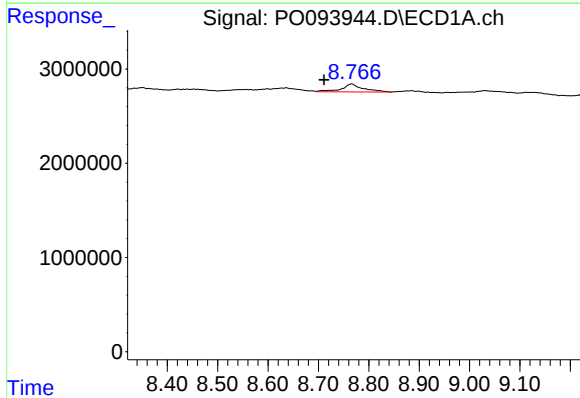
R.T.: 8.421 min
Delta R.T.: 0.029 min
Response: 218297
Conc: 0.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



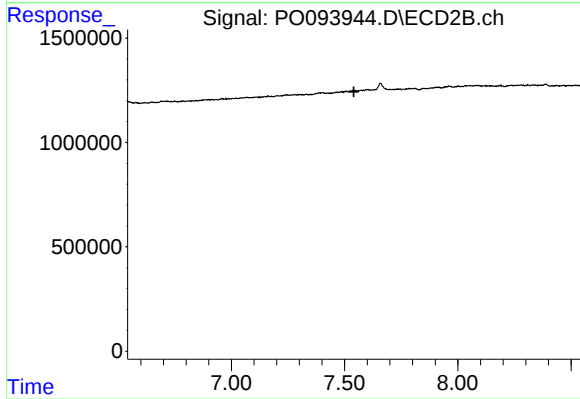
#37 AR-1262-2

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



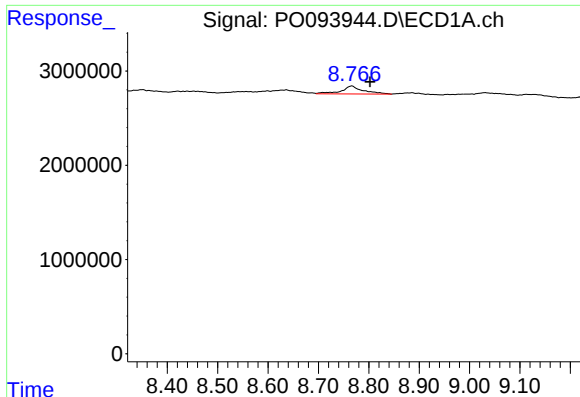
#38 AR-1262-3

R.T.: 8.766 min
Delta R.T.: 0.055 min
Response: 2532512
Conc: 15.46 ng/ml



#38 AR-1262-3

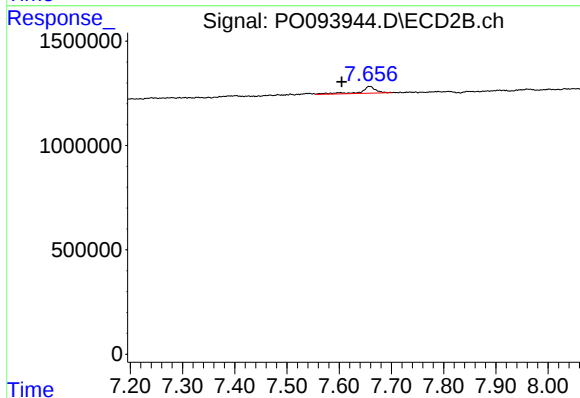
R.T.: 0.000 min
Exp R.T. : 7.541 min
Response: 0
Conc: N.D.



#39 AR-1262-4

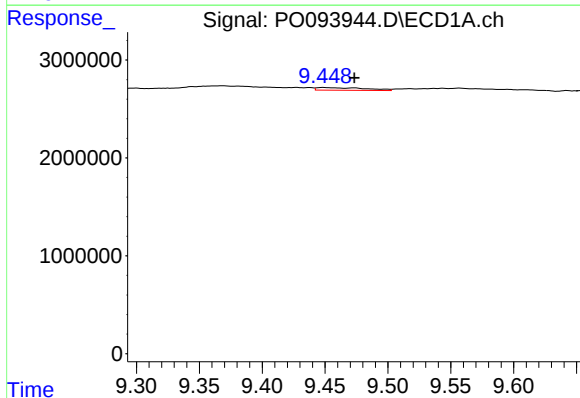
R.T.: 8.766 min
Delta R.T.: -0.037 min
Response: 2532512
Conc: 25.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



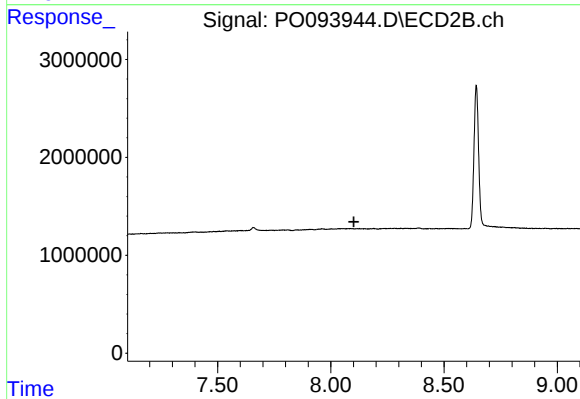
#39 AR-1262-4

R.T.: 7.658 min
Delta R.T.: 0.053 min
Response: 637409
Conc: 7.69 ng/ml



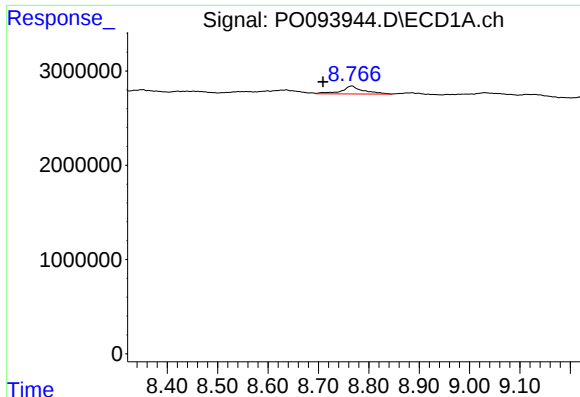
#40 AR-1262-5

R.T.: 9.449 min
Delta R.T.: -0.025 min
Response: 724366
Conc: 9.00 ng/ml



#40 AR-1262-5

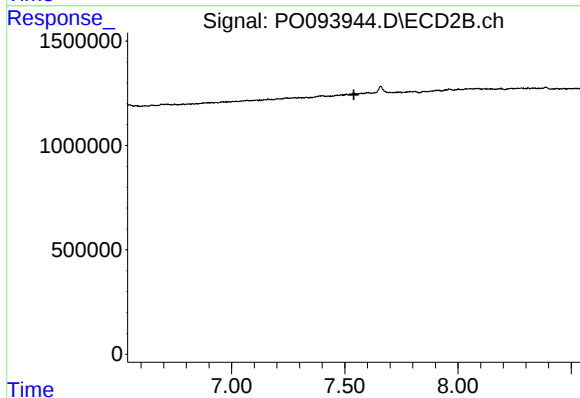
R.T.: 0.000 min
Exp R.T. : 8.102 min
Response: 0
Conc: N.D.



#41 AR-1268-1

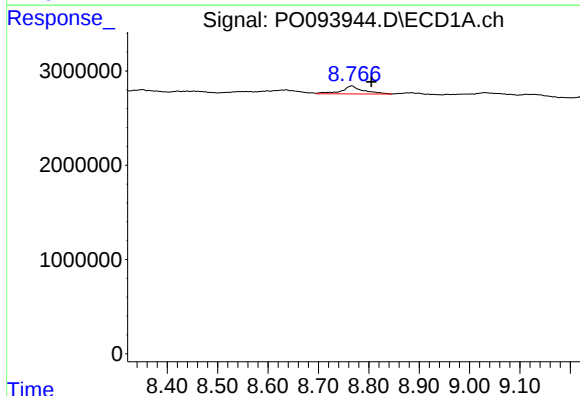
R.T.: 8.766 min
Delta R.T.: 0.057 min
Response: 2532512
Conc: 7.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



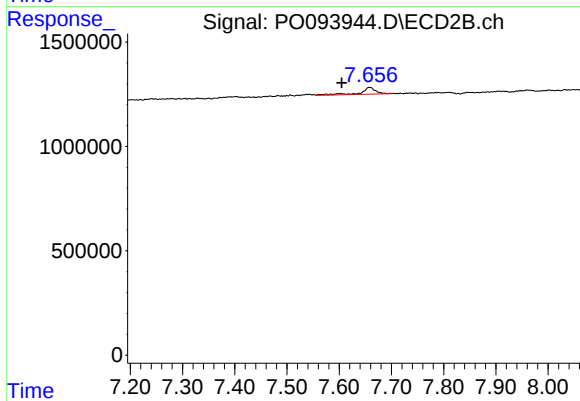
#41 AR-1268-1

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



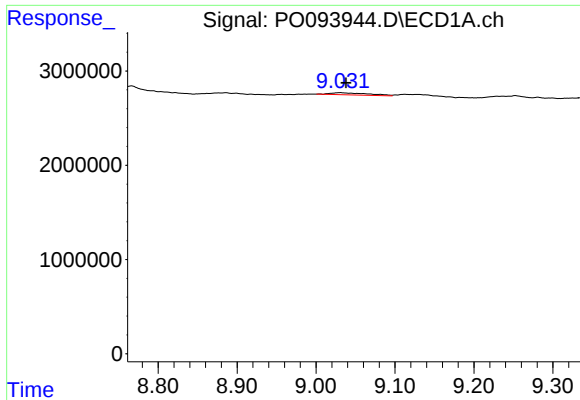
#42 AR-1268-2

R.T.: 8.766 min
Delta R.T.: -0.039 min
Response: 2532512
Conc: 7.87 ng/ml



#42 AR-1268-2

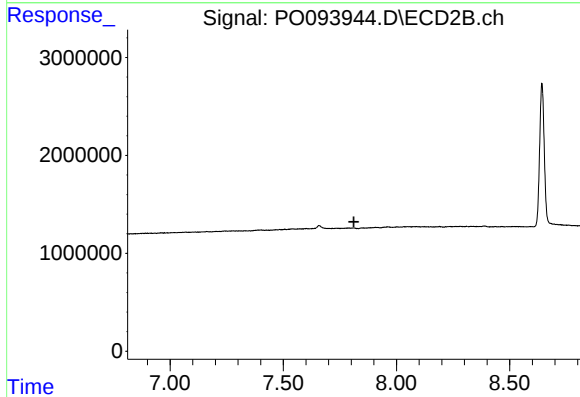
R.T.: 7.658 min
Delta R.T.: 0.053 min
Response: 637409
Conc: 4.69 ng/ml



#43 AR-1268-3

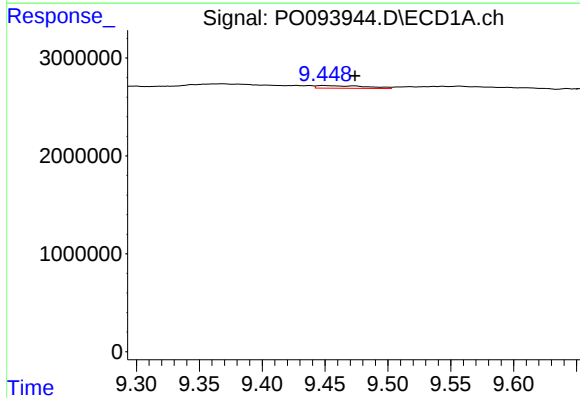
R.T.: 9.031 min
Delta R.T.: -0.007 min
Response: 740617
Conc: 2.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



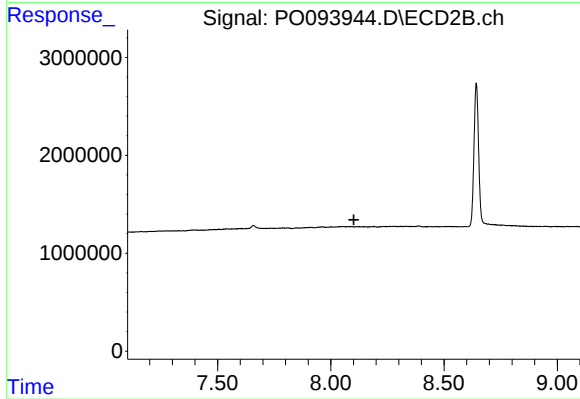
#43 AR-1268-3

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



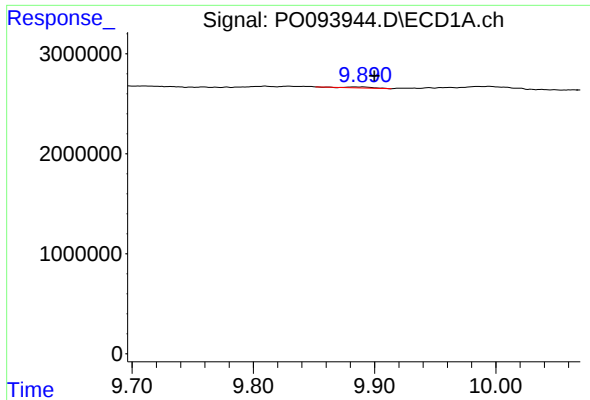
#44 AR-1268-4

R.T.: 9.449 min
Delta R.T.: -0.025 min
Response: 724366
Conc: 7.49 ng/ml



#44 AR-1268-4

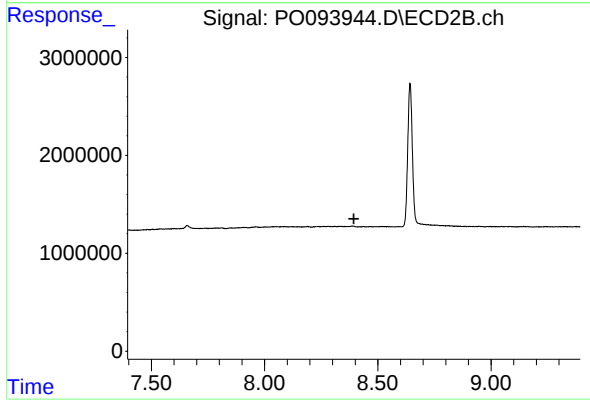
R.T.: 0.000 min
Exp R.T. : 8.102 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.890 min
Delta R.T.: -0.010 min
Response: 173334
Conc: 0.21 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.