

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0040723\
 Data File : P0093940.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Apr 2023 18:52
 Operator : YP/AJ
 Sample : 02213-01
 Misc : AR1268 LOD 25 PPB
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 07 22:51:14 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	3.624	71233371	26086936	19.055	20.486
2)	SA Decachlor...	10.241	8.642	59258241	26129265	26.491	26.135
Target Compounds							
3)	L1 AR-1016-1	5.606	0.000	878179	0	8.587	N.D. #
4)	L1 AR-1016-2	5.617	0.000	427952	0	2.746	N.D. #
5)	L1 AR-1016-3	5.676	0.000	695789	0	7.054	N.D. #
6)	L1 AR-1016-4	5.781	0.000	14501	0	0.197	N.D. #
7)	L1 AR-1016-5	6.107	0.000	624321	0	7.374	N.D. #
8)	L2 AR-1221-1	4.631	0.000	146771	0	3.182	N.D. #
9)	L2 AR-1221-2	4.727	3.924	1026072	414160	29.891	35.091
10)	L2 AR-1221-3	4.791	0.000	52682	0	0.503	N.D. #
11)	L3 AR-1232-1	4.791	0.000	52682	0	0.604	N.D. #
12)	L3 AR-1232-2	5.323	0.000	14031	0	0.328	N.D. #
13)	L3 AR-1232-3	5.617	0.000	427952	0	5.826	N.D. #
14)	L3 AR-1232-4	5.781	0.000	14501	0	0.421	N.D. #
15)	L3 AR-1232-5	5.875	0.000	155975	0	4.911	N.D. #
16)	L4 AR-1242-1	5.606	0.000	878179	0	10.061	N.D. #
17)	L4 AR-1242-2	5.617	0.000	427952	0	3.219	N.D. #
18)	L4 AR-1242-3	5.676	0.000	695789	0	8.197	N.D. #
19)	L4 AR-1242-4	5.781	0.000	14501	0	0.232	N.D. #
20)	L4 AR-1242-5	6.522	0.000	180882	0	2.686	N.D. #
21)	L5 AR-1248-1	5.606	0.000	878179	0	13.052	N.D. #
22)	L5 AR-1248-2	5.875	0.000	155975	0	1.426	N.D. #
23)	L5 AR-1248-3	6.107	0.000	624321	0	5.172	N.D. #
24)	L5 AR-1248-4	6.486	0.000	602202	0	5.607	N.D. #
25)	L5 AR-1248-5	6.522	0.000	180882	0	1.559	N.D. #
26)	L6 AR-1254-1	6.486	0.000	602202	0	4.440	N.D. #
27)	L6 AR-1254-2	6.675	0.000	106613	0	0.545	N.D. #
28)	L6 AR-1254-3	7.050	0.000	626292	0	3.390	N.D. #
29)	L6 AR-1254-4	7.340	0.000	40276	0	0.397	N.D. #
30)	L6 AR-1254-5	7.773	6.748	1215980	1004728	8.967	13.925 #
31)	L7 AR-1260-1	7.168f	0.000	933971	0	6.399	N.D. #
32)	L7 AR-1260-2	7.494	0.000	582084	0	3.637	N.D. #
33)	L7 AR-1260-3	7.836	0.000	2278075	0	17.157	N.D. #
34)	L7 AR-1260-4	8.083	7.005	3650650	1294931	26.503	23.318
35)	L7 AR-1260-5	8.385	7.251	1216179	610994	5.584	5.888
36)	L8 AR-1262-1	7.836	6.748f	2278075	1004728	13.336	28.716 #
37)	L8 AR-1262-2	8.385	7.005	1216179	1294931	5.232	18.328 #
38)	L8 AR-1262-3	8.704	7.536	10191740	5005193	62.218	100.038 #
39)	L8 AR-1262-4	8.800	7.600	10928609	4514577	109.075	54.437 #
40)	L8 AR-1262-5	9.468	8.097	4655978	1309616	57.848	40.258 #
41)	L9 AR-1268-1	8.704	7.536	10191740	5005193	30.282	32.765

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 Misc : AR1268 LOD 25 PPB
 ALS Vial : 15 Sample Multiplier: 1

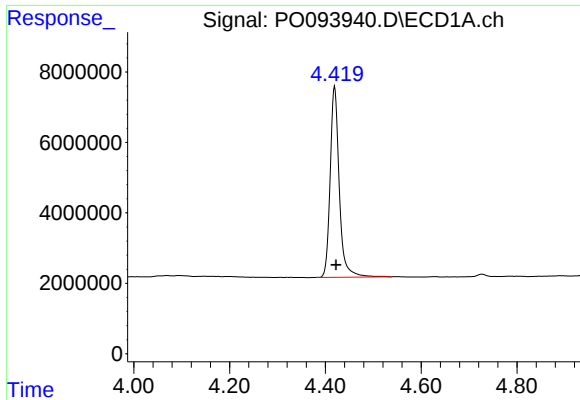
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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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	8.800	7.600	10928609	4514577	33.957	33.229
43) L9	AR-1268-3	9.033	7.806	8438540	3804086	29.757	29.065
44) L9	AR-1268-4	9.468	8.097	4655978	1309616	48.155	33.084 #
45) L9	AR-1268-5	9.894	8.389	24623116	11232456	29.318	32.049

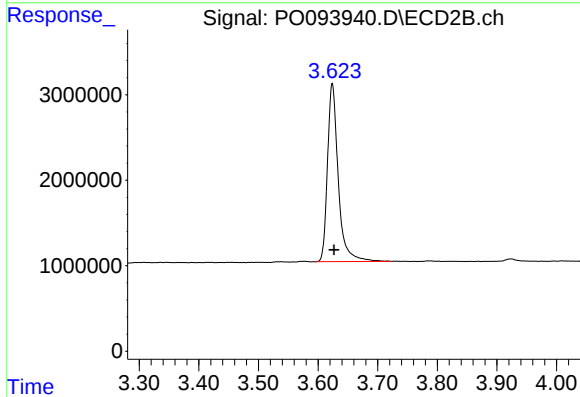
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

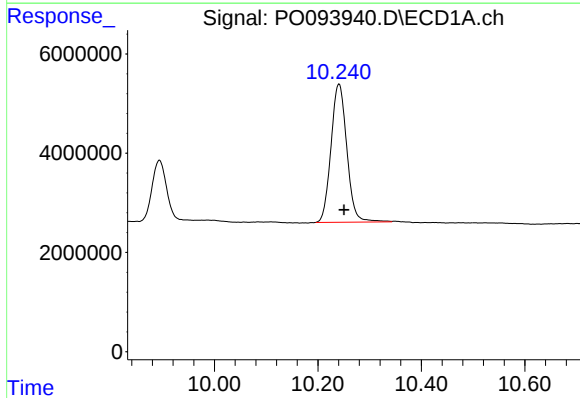
R.T.: 4.419 min
Delta R.T.: -0.003 min
Response: 71233371
Conc: 19.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



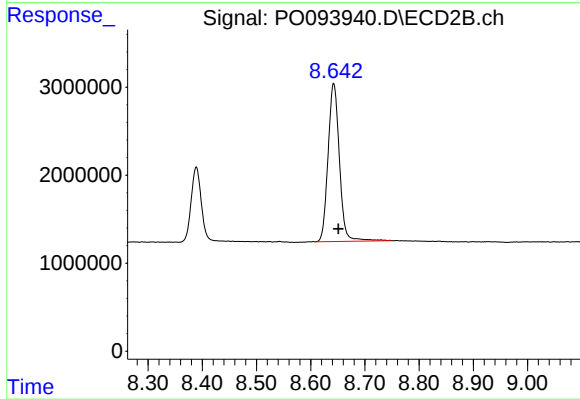
#1 Tetrachloro-m-xylene

R.T.: 3.624 min
Delta R.T.: -0.003 min
Response: 26086936
Conc: 20.49 ng/ml



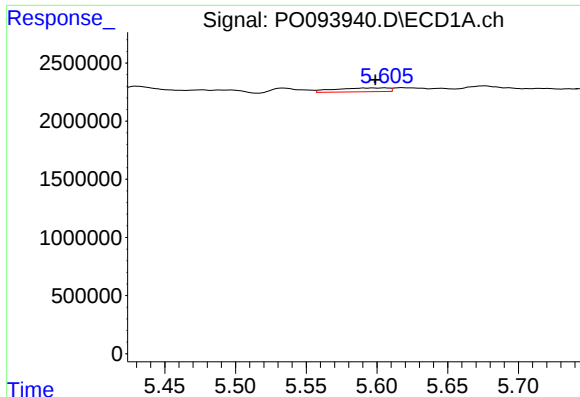
#2 Decachlorobiphenyl

R.T.: 10.241 min
Delta R.T.: -0.010 min
Response: 59258241
Conc: 26.49 ng/ml



#2 Decachlorobiphenyl

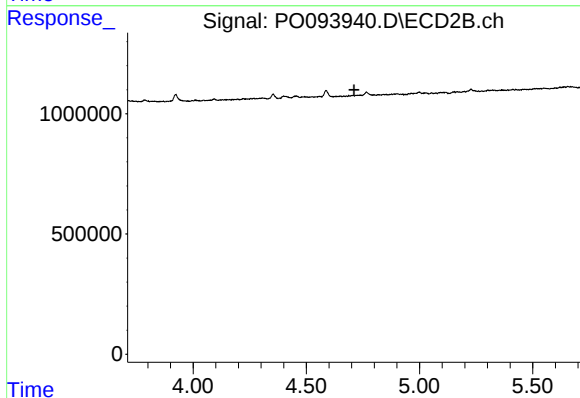
R.T.: 8.642 min
Delta R.T.: -0.009 min
Response: 26129265
Conc: 26.13 ng/ml



#3 AR-1016-1

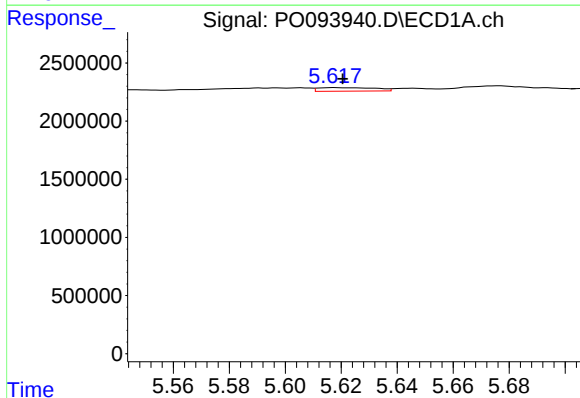
R.T.: 5.606 min
Delta R.T.: 0.007 min
Response: 878179
Conc: 8.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



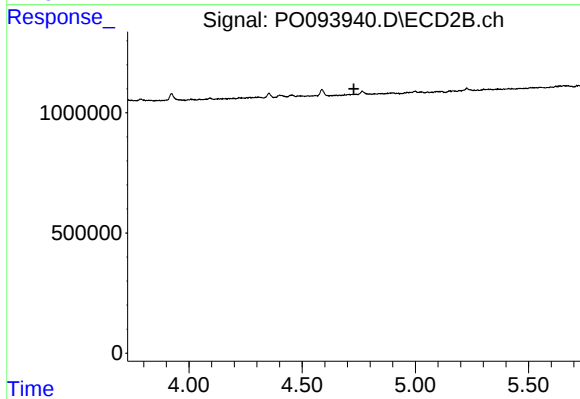
#3 AR-1016-1

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



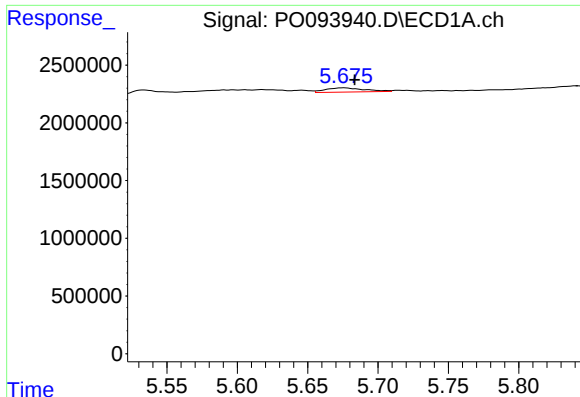
#4 AR-1016-2

R.T.: 5.617 min
Delta R.T.: -0.003 min
Response: 427952
Conc: 2.75 ng/ml



#4 AR-1016-2

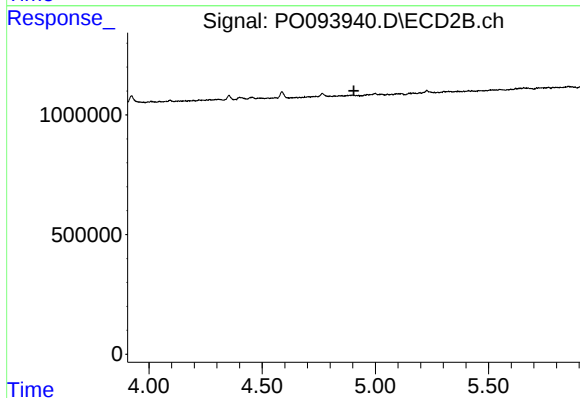
R.T.: 0.000 min
Exp R.T. : 4.729 min
Response: 0
Conc: N.D.



#5 AR-1016-3

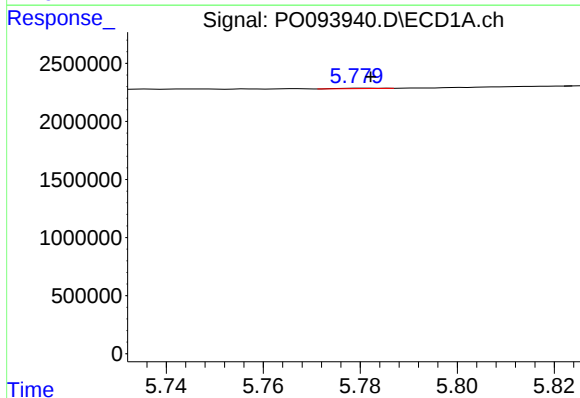
R.T.: 5.676 min
Delta R.T.: -0.007 min
Response: 695789
Conc: 7.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



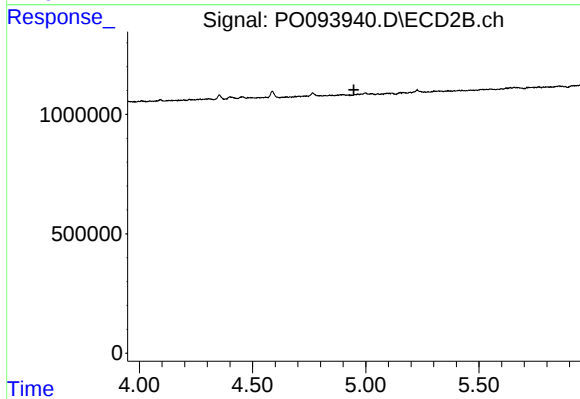
#5 AR-1016-3

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



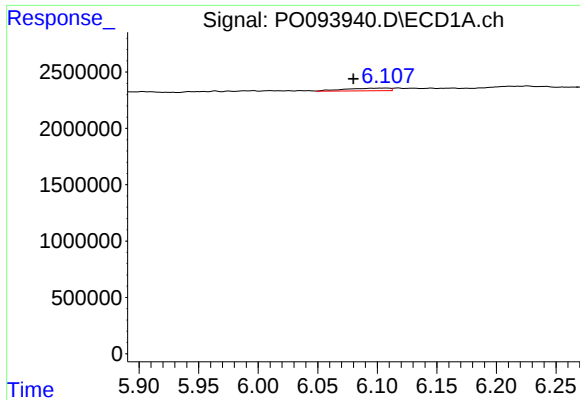
#6 AR-1016-4

R.T.: 5.781 min
Delta R.T.: -0.001 min
Response: 14501
Conc: 0.20 ng/ml



#6 AR-1016-4

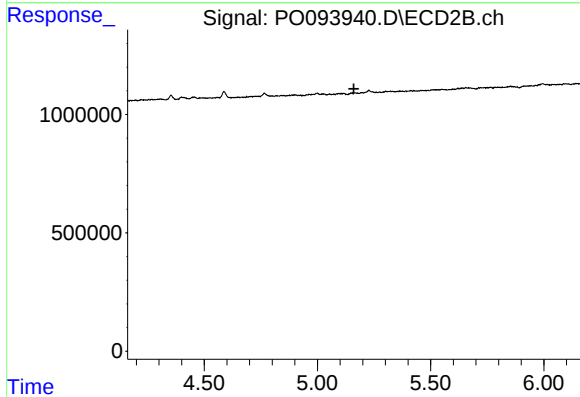
R.T.: 0.000 min
Exp R.T. : 4.948 min
Response: 0
Conc: N.D.



#7 AR-1016-5

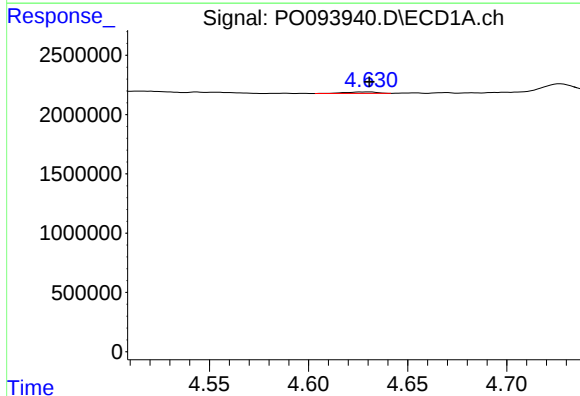
R.T.: 6.107 min
Delta R.T.: 0.028 min
Response: 624321
Conc: 7.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



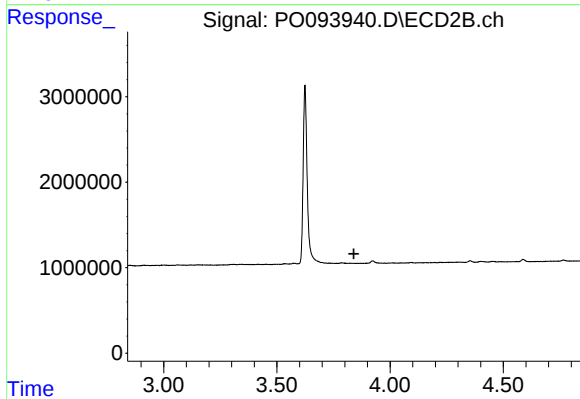
#7 AR-1016-5

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



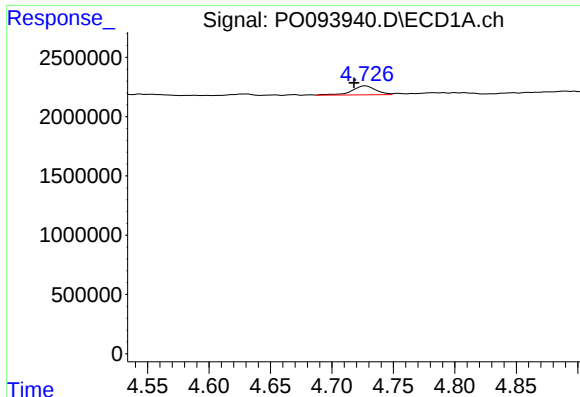
#8 AR-1221-1

R.T.: 4.631 min
Delta R.T.: 0.000 min
Response: 146771
Conc: 3.18 ng/ml



#8 AR-1221-1

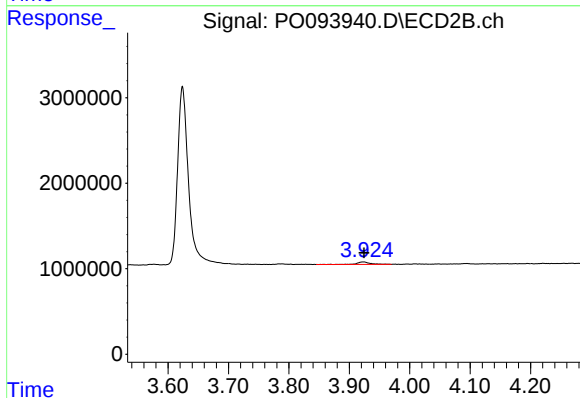
R.T.: 0.000 min
Exp R.T. : 3.840 min
Response: 0
Conc: N.D.



#9 AR-1221-2

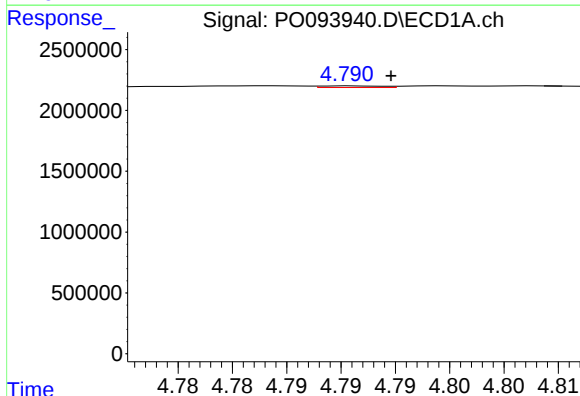
R.T.: 4.727 min
Delta R.T.: 0.009 min
Response: 1026072
Conc: 29.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



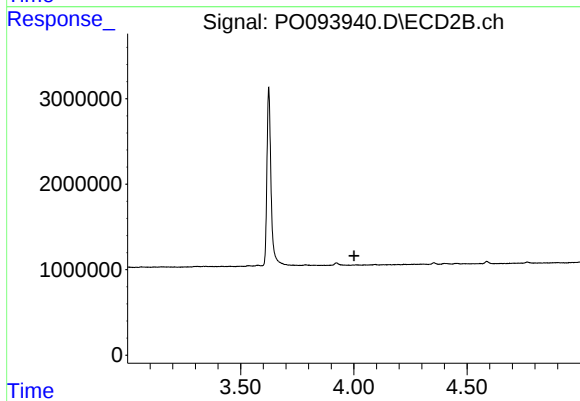
#9 AR-1221-2

R.T.: 3.924 min
Delta R.T.: -0.001 min
Response: 414160
Conc: 35.09 ng/ml



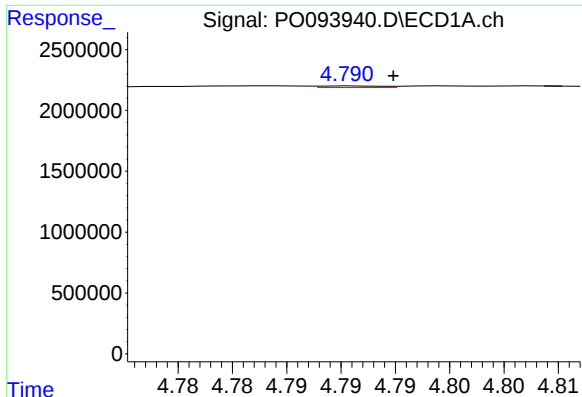
#10 AR-1221-3

R.T.: 4.791 min
Delta R.T.: -0.004 min
Response: 52682
Conc: 0.50 ng/ml



#10 AR-1221-3

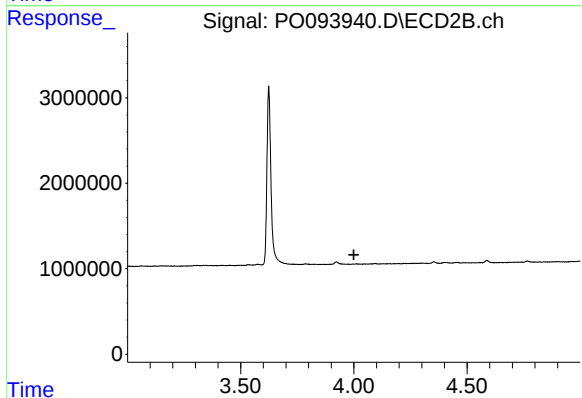
R.T.: 0.000 min
Exp R.T.: 4.000 min
Response: 0
Conc: N.D.



#11 AR-1232-1

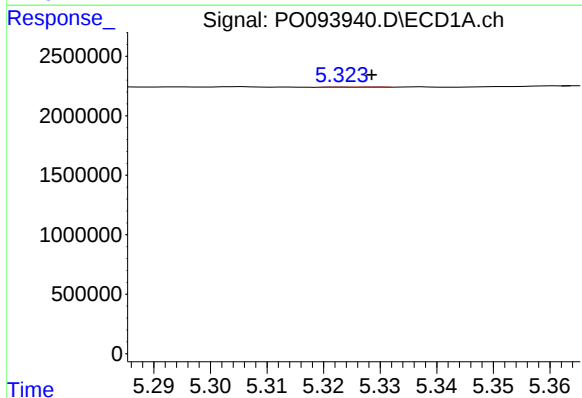
R.T.: 4.791 min
Delta R.T.: -0.004 min
Response: 52682
Conc: 0.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



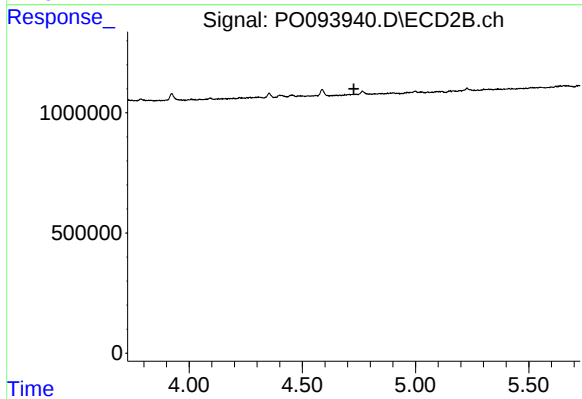
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.000 min
Response: 0
Conc: N.D.



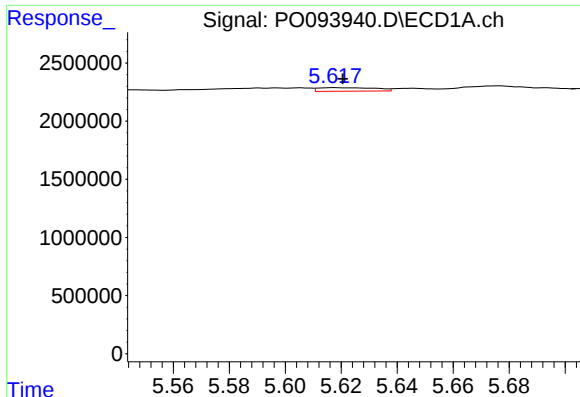
#12 AR-1232-2

R.T.: 5.323 min
Delta R.T.: -0.005 min
Response: 14031
Conc: 0.33 ng/ml



#12 AR-1232-2

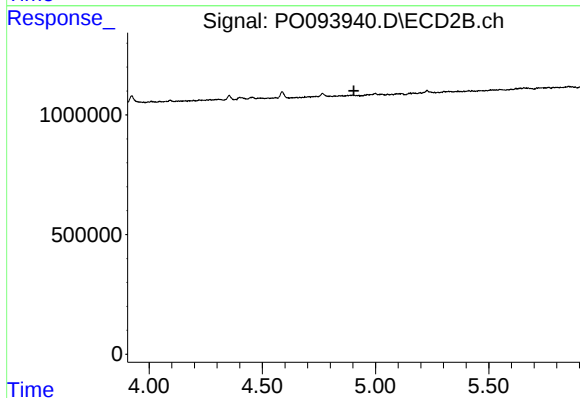
R.T.: 0.000 min
Exp R.T. : 4.728 min
Response: 0
Conc: N.D.



#13 AR-1232-3

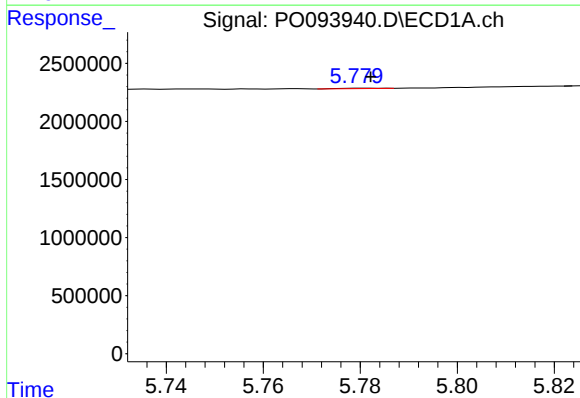
R.T.: 5.617 min
Delta R.T.: -0.003 min
Response: 427952
Conc: 5.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



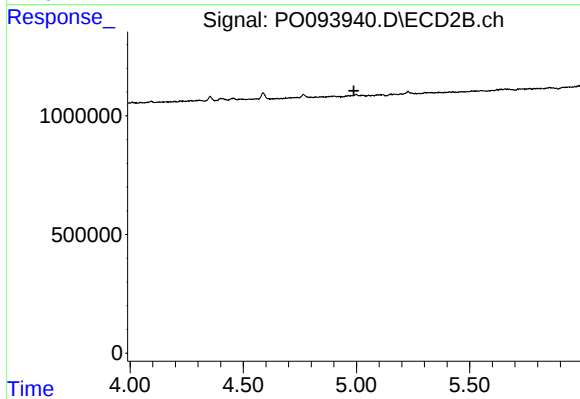
#13 AR-1232-3

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



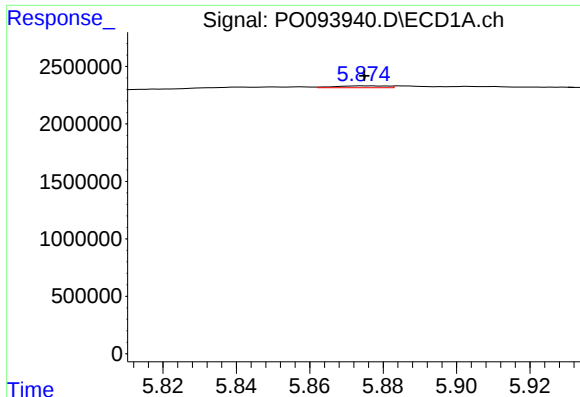
#14 AR-1232-4

R.T.: 5.781 min
Delta R.T.: -0.001 min
Response: 14501
Conc: 0.42 ng/ml



#14 AR-1232-4

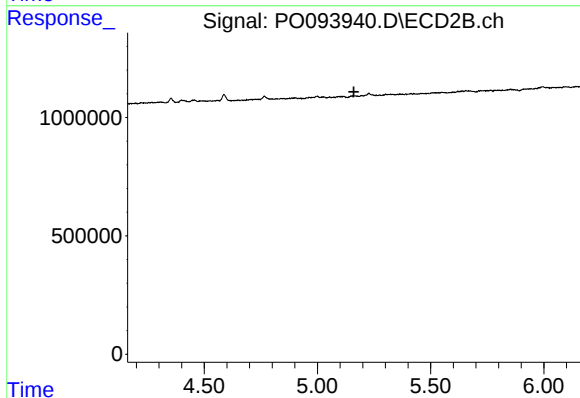
R.T.: 0.000 min
Exp R.T. : 4.988 min
Response: 0
Conc: N.D.



#15 AR-1232-5

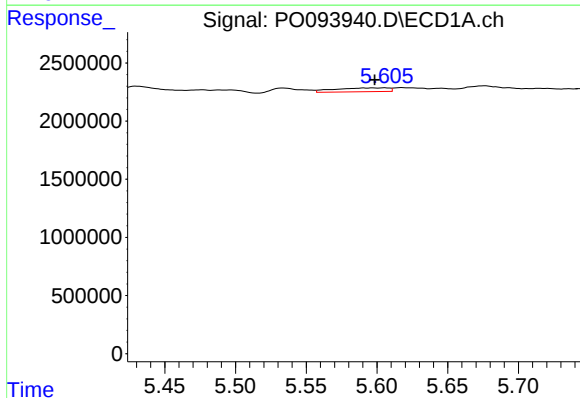
R.T.: 5.875 min
Delta R.T.: 0.000 min
Response: 155975
Conc: 4.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



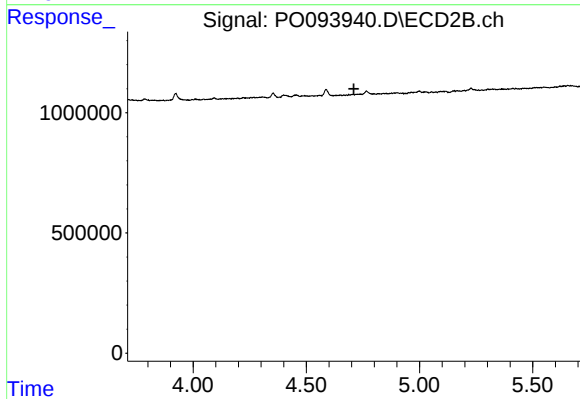
#15 AR-1232-5

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



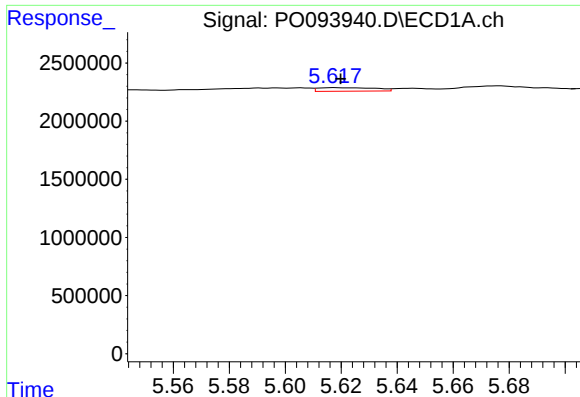
#16 AR-1242-1

R.T.: 5.606 min
Delta R.T.: 0.007 min
Response: 878179
Conc: 10.06 ng/ml



#16 AR-1242-1

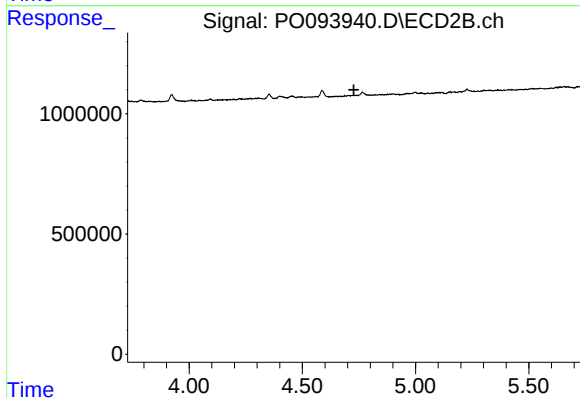
R.T.: 0.000 min
Exp R.T. : 4.710 min
Response: 0
Conc: N.D.



#17 AR-1242-2

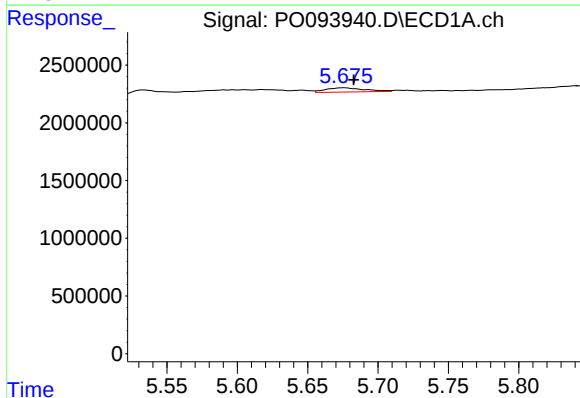
R.T.: 5.617 min
Delta R.T.: -0.002 min
Response: 427952
Conc: 3.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



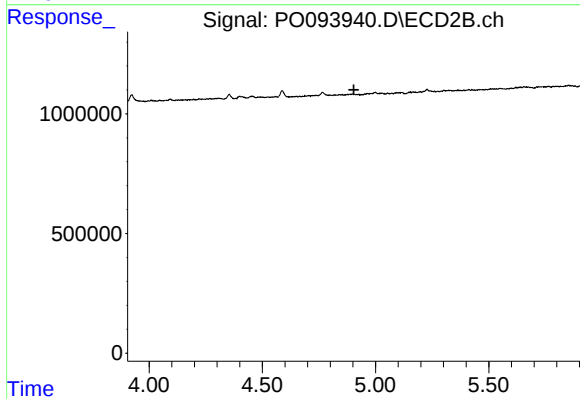
#17 AR-1242-2

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



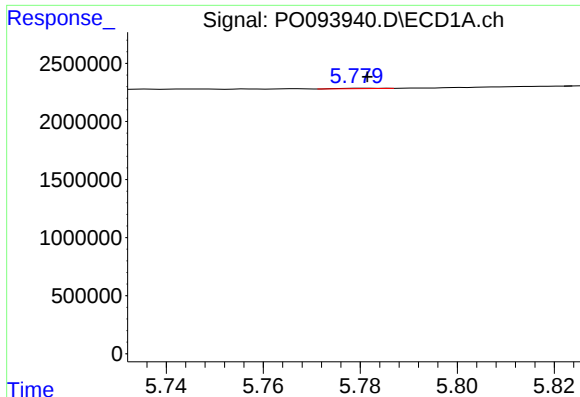
#18 AR-1242-3

R.T.: 5.676 min
Delta R.T.: -0.007 min
Response: 695789
Conc: 8.20 ng/ml



#18 AR-1242-3

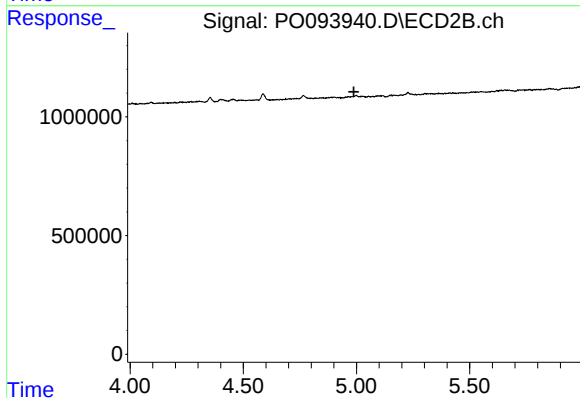
R.T.: 0.000 min
Exp R.T. : 4.904 min
Response: 0
Conc: N.D.



#19 AR-1242-4

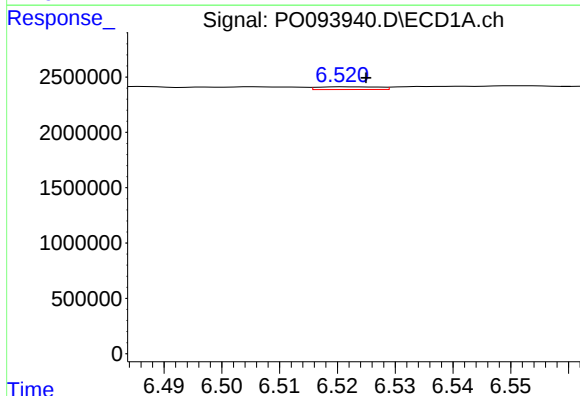
R.T.: 5.781 min
Delta R.T.: 0.000 min
Response: 14501
Conc: 0.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



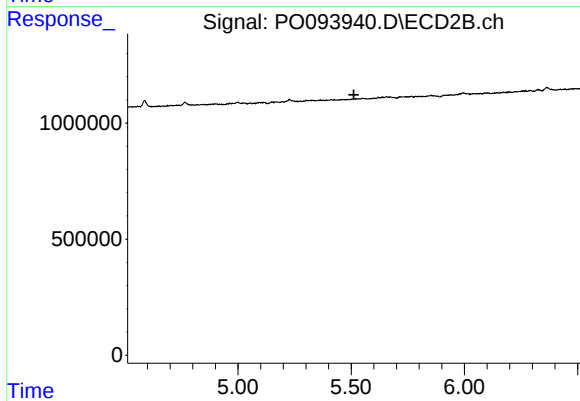
#19 AR-1242-4

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



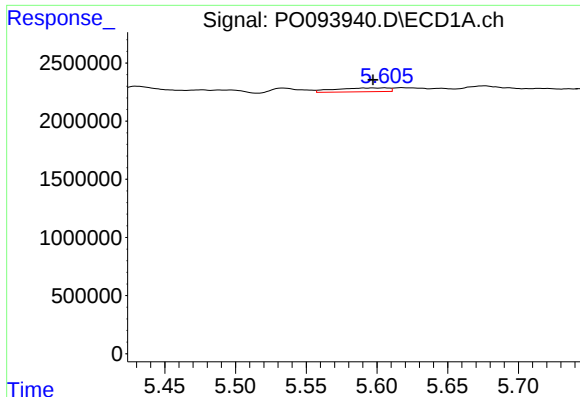
#20 AR-1242-5

R.T.: 6.522 min
Delta R.T.: -0.003 min
Response: 180882
Conc: 2.69 ng/ml



#20 AR-1242-5

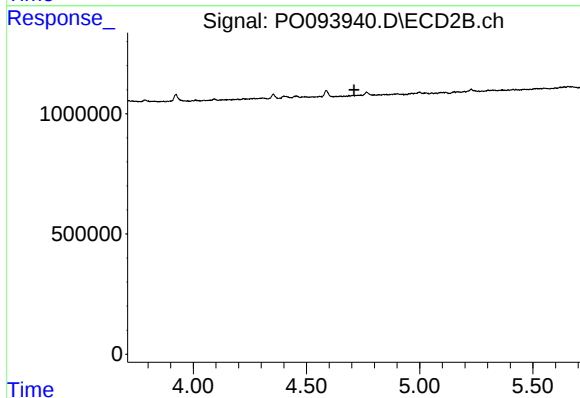
R.T.: 0.000 min
Exp R.T. : 5.512 min
Response: 0
Conc: N.D.



#21 AR-1248-1

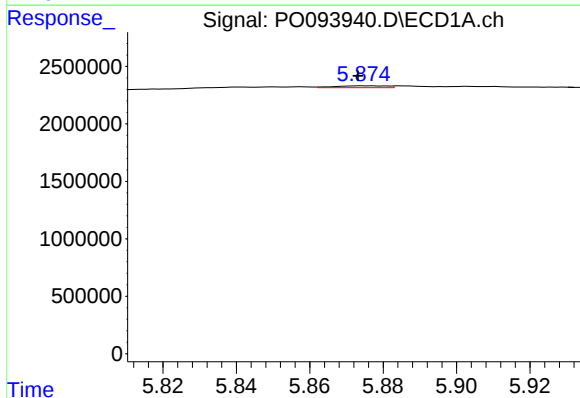
R.T.: 5.606 min
Delta R.T.: 0.008 min
Response: 878179
Conc: 13.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



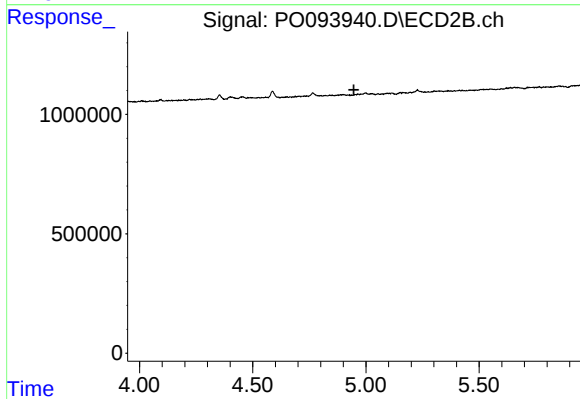
#21 AR-1248-1

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



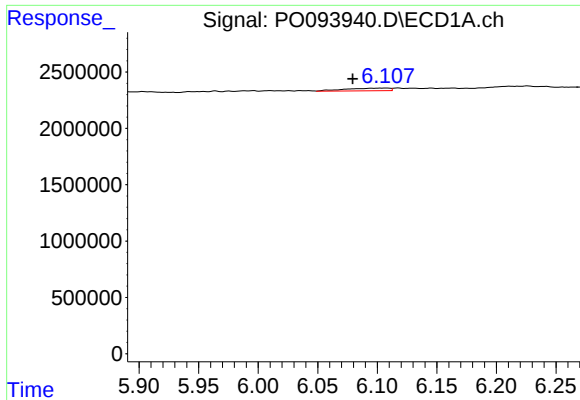
#22 AR-1248-2

R.T.: 5.875 min
Delta R.T.: 0.002 min
Response: 155975
Conc: 1.43 ng/ml



#22 AR-1248-2

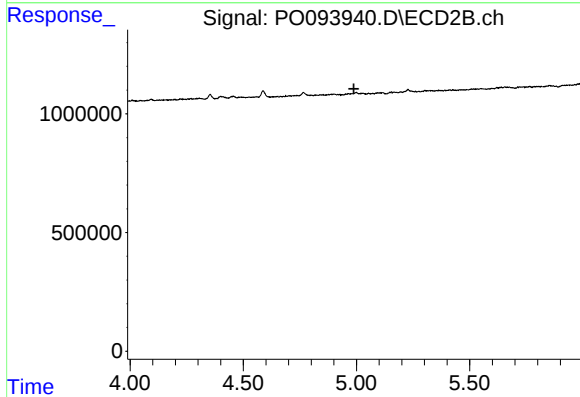
R.T.: 0.000 min
Exp R.T. : 4.947 min
Response: 0
Conc: N.D.



#23 AR-1248-3

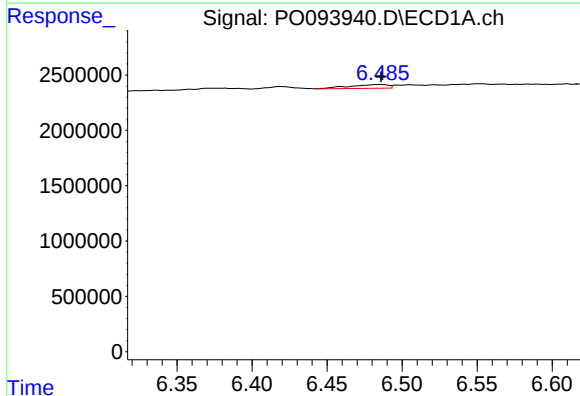
R.T.: 6.107 min
Delta R.T.: 0.028 min
Response: 624321
Conc: 5.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



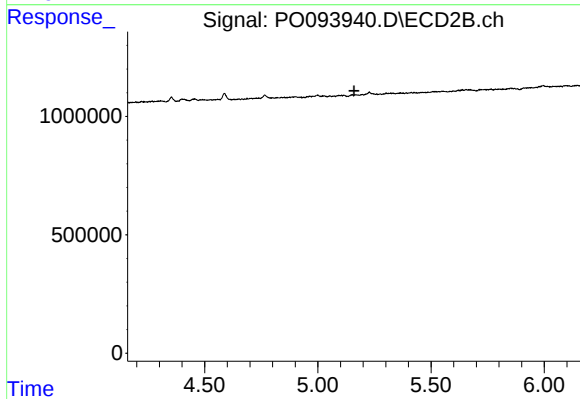
#23 AR-1248-3

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



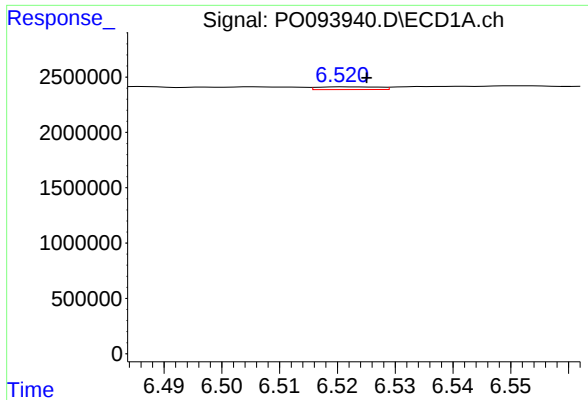
#24 AR-1248-4

R.T.: 6.486 min
Delta R.T.: 0.000 min
Response: 602202
Conc: 5.61 ng/ml



#24 AR-1248-4

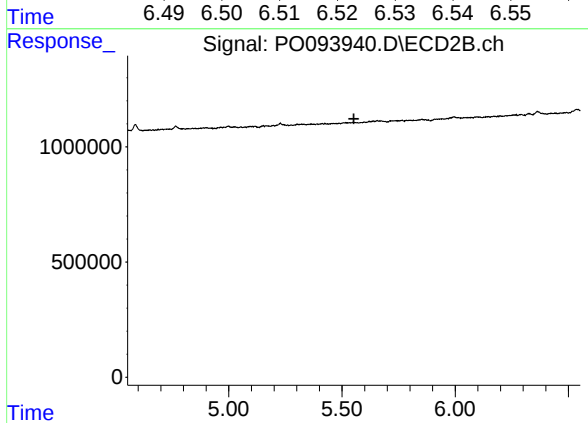
R.T.: 0.000 min
Exp R.T. : 5.160 min
Response: 0
Conc: N.D.



#25 AR-1248-5

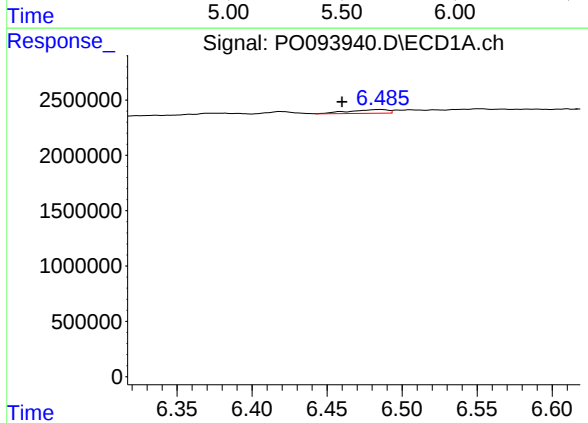
R.T.: 6.522 min
Delta R.T.: -0.003 min
Response: 180882
Conc: 1.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



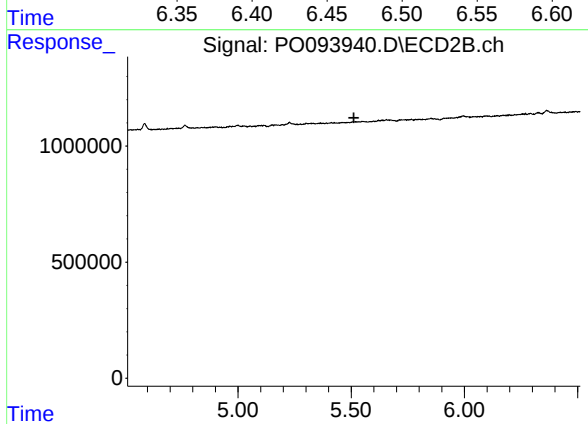
#25 AR-1248-5

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



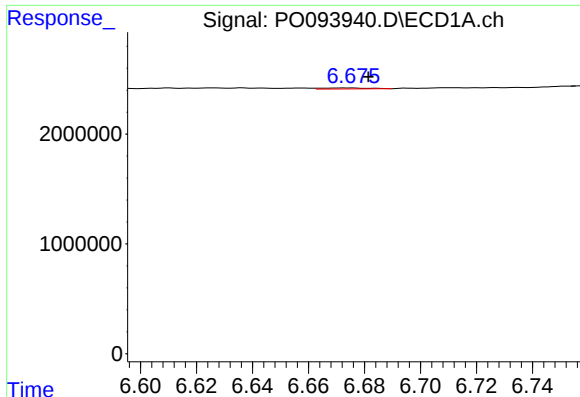
#26 AR-1254-1

R.T.: 6.486 min
Delta R.T.: 0.026 min
Response: 602202
Conc: 4.44 ng/ml



#26 AR-1254-1

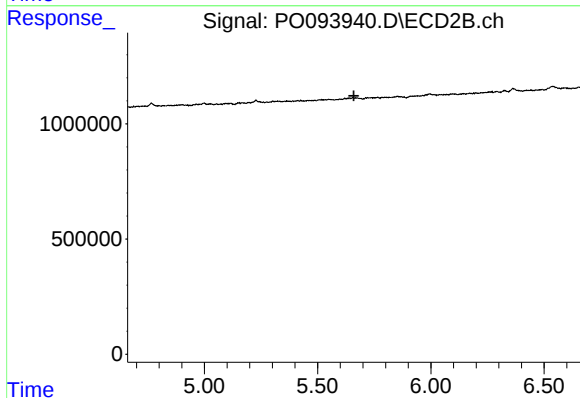
R.T.: 0.000 min
Exp R.T. : 5.512 min
Response: 0
Conc: N.D.



#27 AR-1254-2

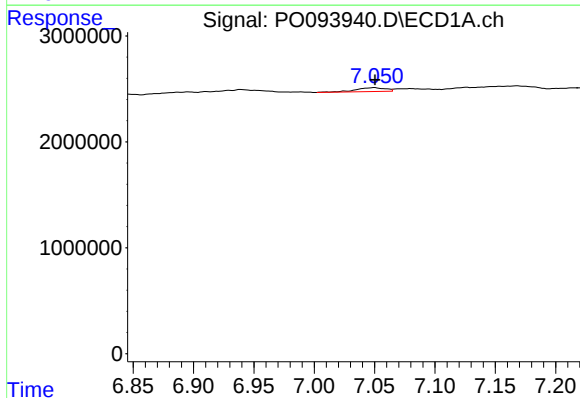
R.T.: 6.675 min
Delta R.T.: -0.006 min
Response: 106613
Conc: 0.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



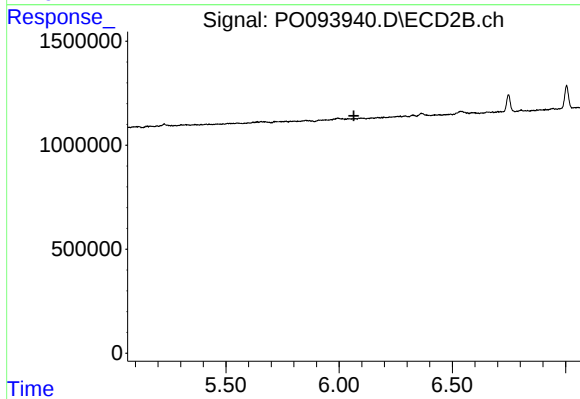
#27 AR-1254-2

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



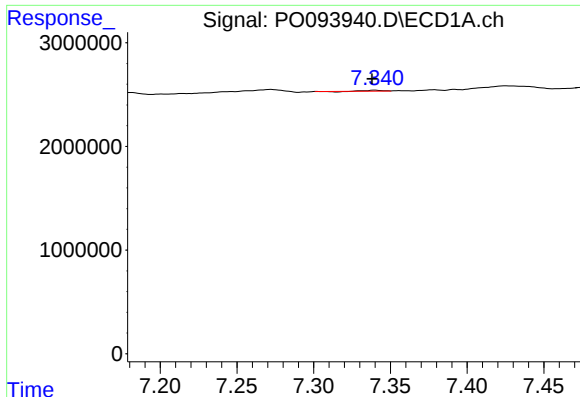
#28 AR-1254-3

R.T.: 7.050 min
Delta R.T.: 0.000 min
Response: 626292
Conc: 3.39 ng/ml



#28 AR-1254-3

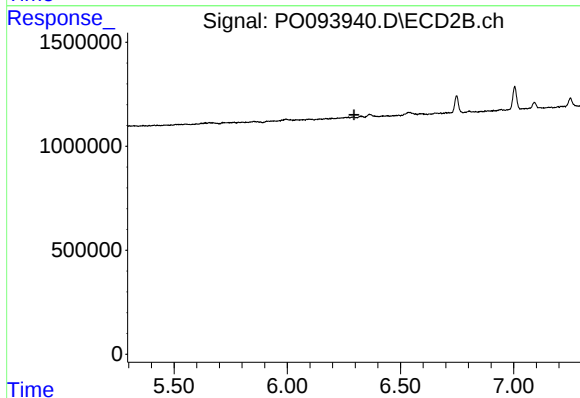
R.T.: 0.000 min
Exp R.T. : 6.065 min
Response: 0
Conc: N.D.



#29 AR-1254-4

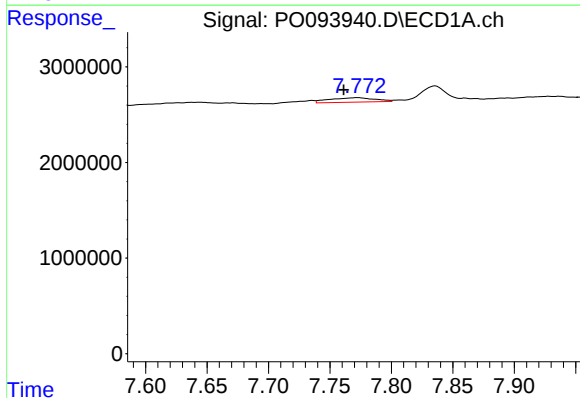
R.T.: 7.340 min
Delta R.T.: 0.002 min
Response: 40276
Conc: 0.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



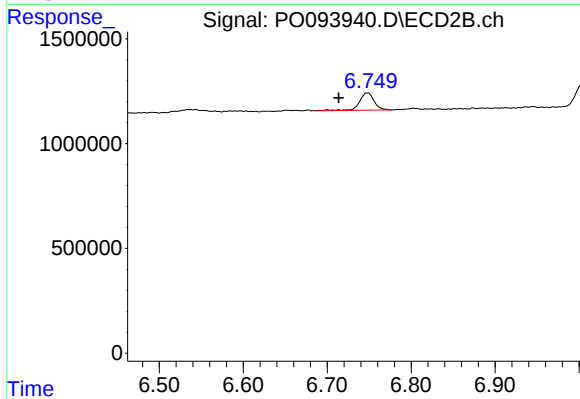
#29 AR-1254-4

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



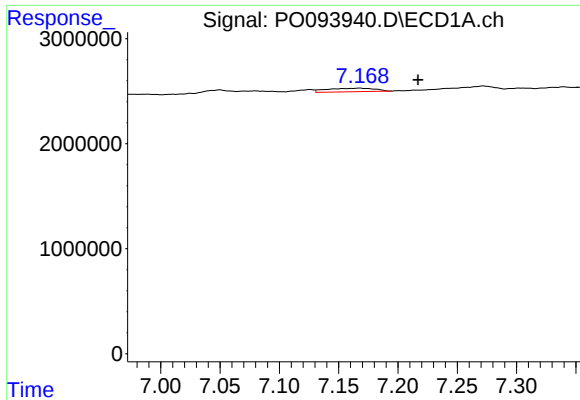
#30 AR-1254-5

R.T.: 7.773 min
Delta R.T.: 0.011 min
Response: 1215980
Conc: 8.97 ng/ml



#30 AR-1254-5

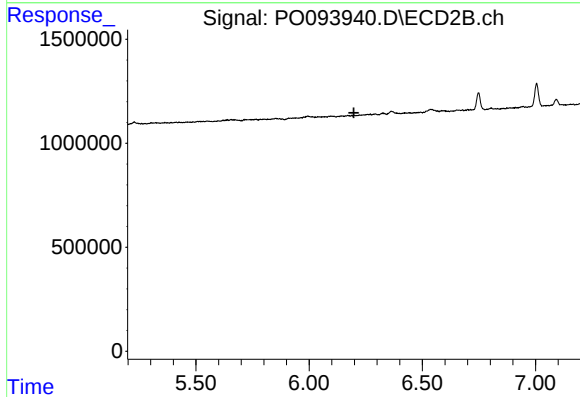
R.T.: 6.748 min
Delta R.T.: 0.034 min
Response: 1004728
Conc: 13.92 ng/ml



#31 AR-1260-1

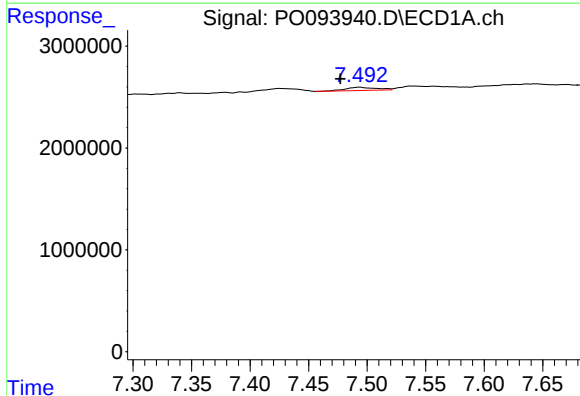
R.T.: 7.168 min
Delta R.T.: -0.049 min
Response: 933971
Conc: 6.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



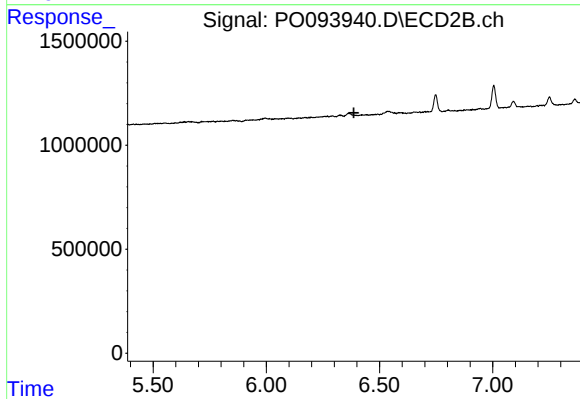
#31 AR-1260-1

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



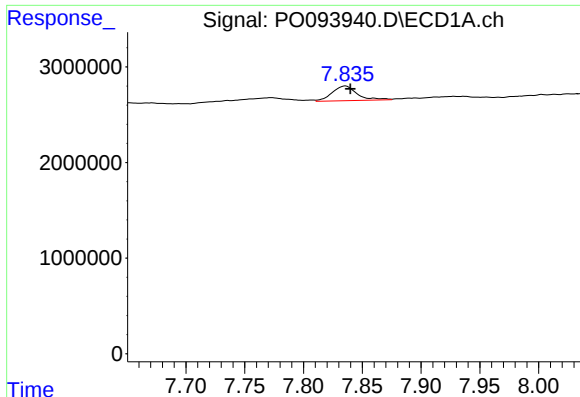
#32 AR-1260-2

R.T.: 7.494 min
Delta R.T.: 0.016 min
Response: 582084
Conc: 3.64 ng/ml



#32 AR-1260-2

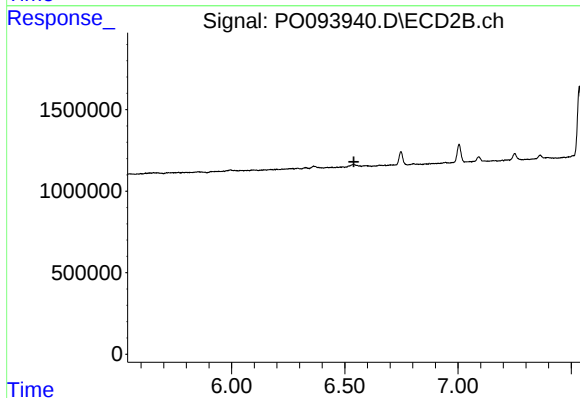
R.T.: 0.000 min
Exp R.T. : 6.387 min
Response: 0
Conc: N.D.



#33 AR-1260-3

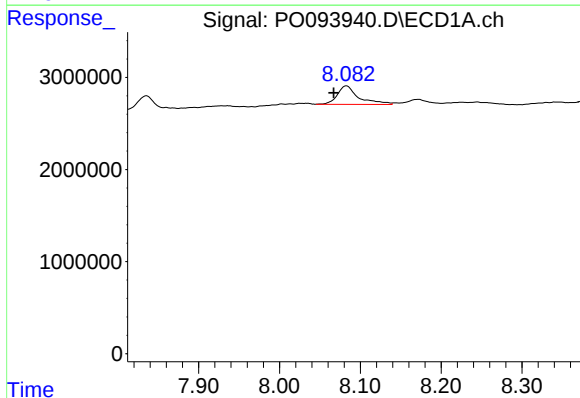
R.T.: 7.836 min
Delta R.T.: -0.004 min
Response: 2278075
Conc: 17.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



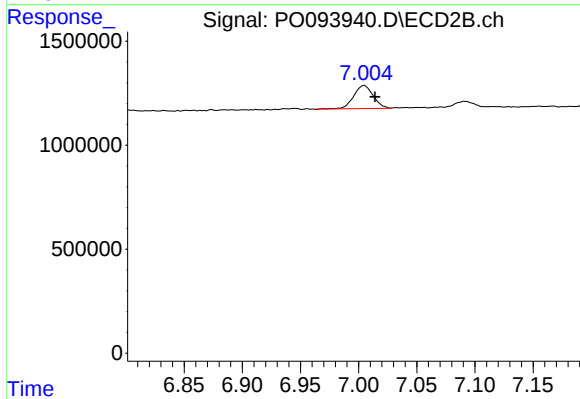
#33 AR-1260-3

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



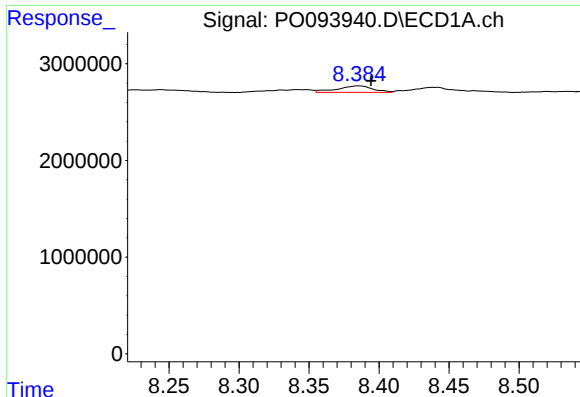
#34 AR-1260-4

R.T.: 8.083 min
Delta R.T.: 0.016 min
Response: 3650650
Conc: 26.50 ng/ml



#34 AR-1260-4

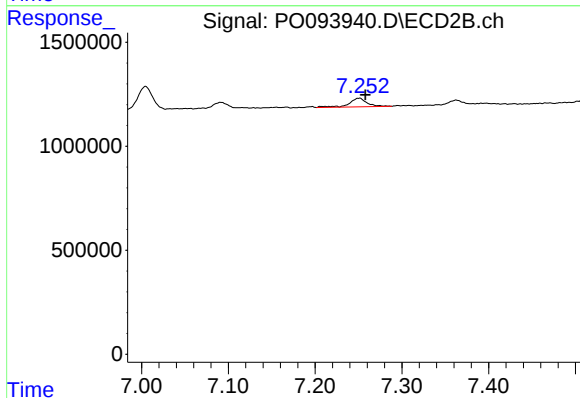
R.T.: 7.005 min
Delta R.T.: -0.010 min
Response: 1294931
Conc: 23.32 ng/ml



#35 AR-1260-5

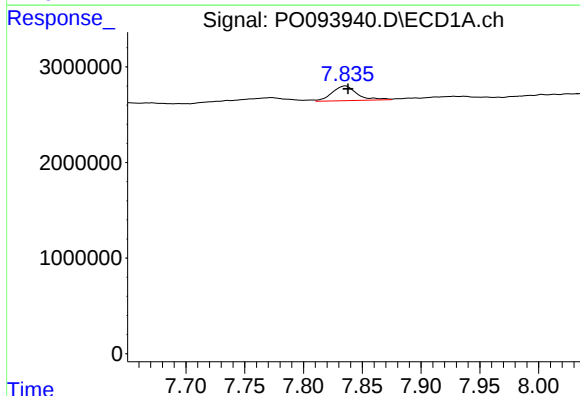
R.T.: 8.385 min
Delta R.T.: -0.009 min
Response: 1216179
Conc: 5.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



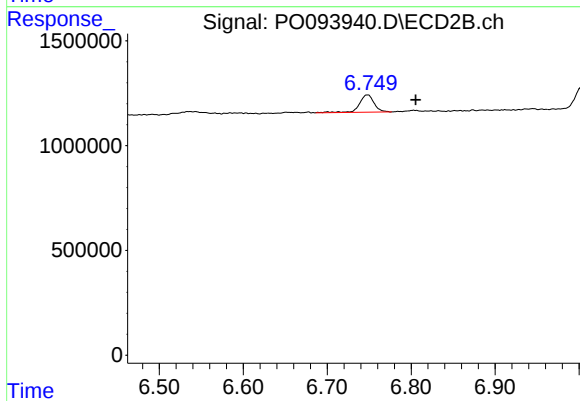
#35 AR-1260-5

R.T.: 7.251 min
Delta R.T.: -0.007 min
Response: 610994
Conc: 5.89 ng/ml



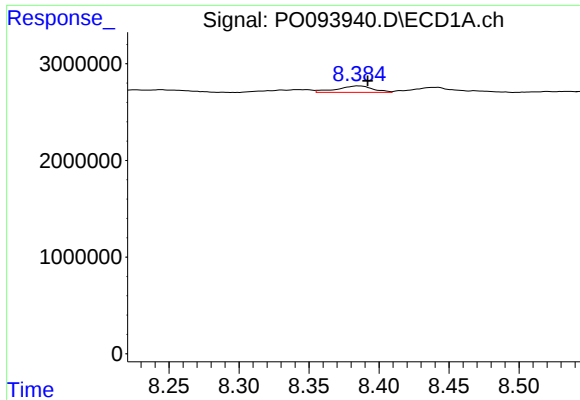
#36 AR-1262-1

R.T.: 7.836 min
Delta R.T.: -0.002 min
Response: 2278075
Conc: 13.34 ng/ml



#36 AR-1262-1

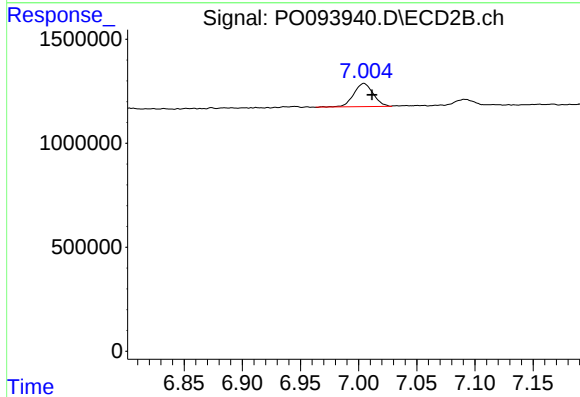
R.T.: 6.748 min
Delta R.T.: -0.057 min
Response: 1004728
Conc: 28.72 ng/ml



#37 AR-1262-2

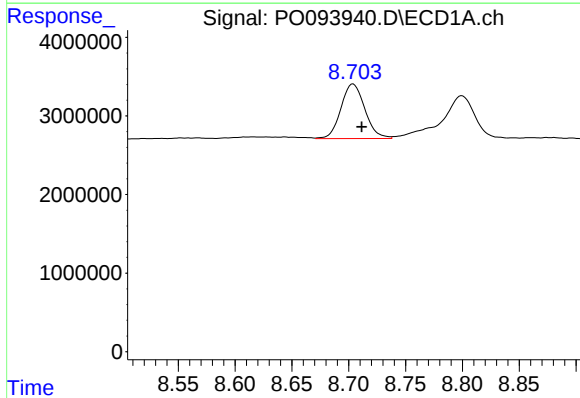
R.T.: 8.385 min
Delta R.T.: -0.007 min
Response: 1216179
Conc: 5.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



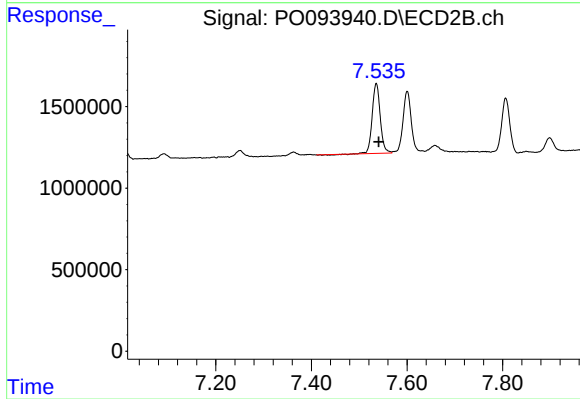
#37 AR-1262-2

R.T.: 7.005 min
Delta R.T.: -0.007 min
Response: 1294931
Conc: 18.33 ng/ml



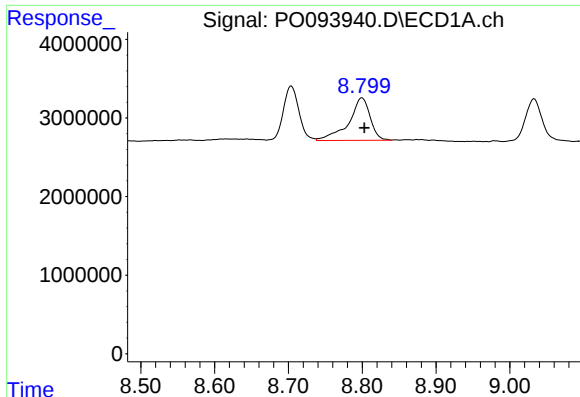
#38 AR-1262-3

R.T.: 8.704 min
Delta R.T.: -0.008 min
Response: 10191740
Conc: 62.22 ng/ml



#38 AR-1262-3

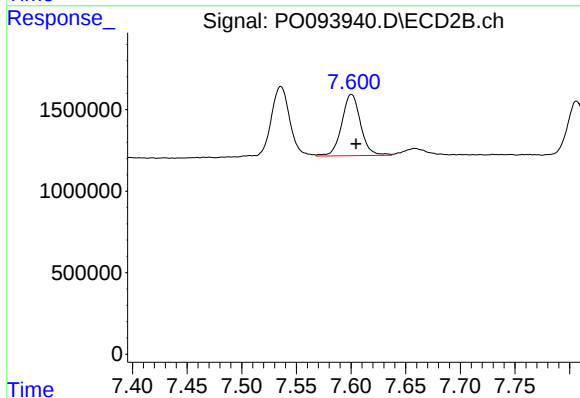
R.T.: 7.536 min
Delta R.T.: -0.005 min
Response: 5005193
Conc: 100.04 ng/ml



#39 AR-1262-4

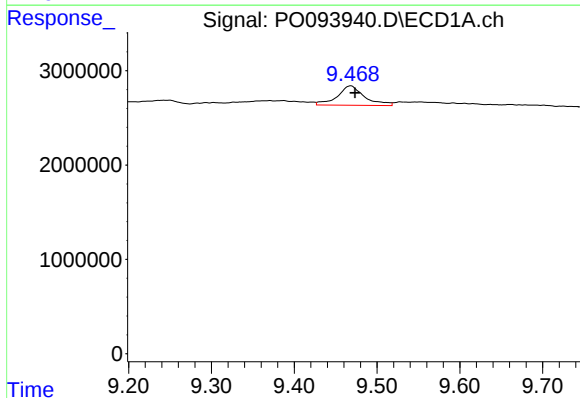
R.T.: 8.800 min
Delta R.T.: -0.003 min
Response: 10928609
Conc: 109.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



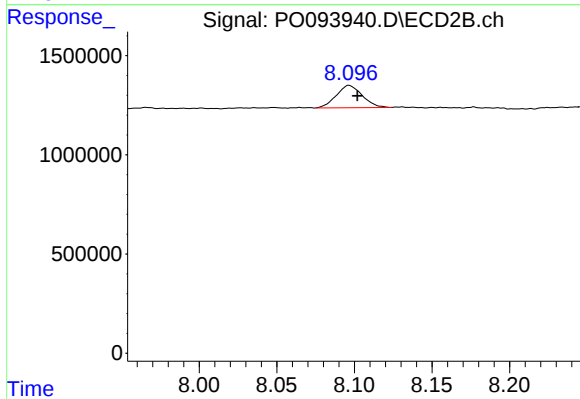
#39 AR-1262-4

R.T.: 7.600 min
Delta R.T.: -0.004 min
Response: 4514577
Conc: 54.44 ng/ml



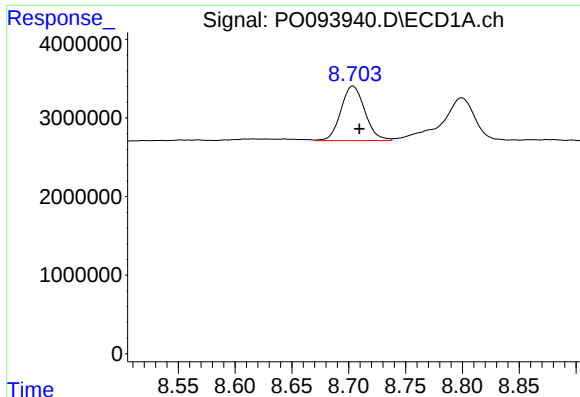
#40 AR-1262-5

R.T.: 9.468 min
Delta R.T.: -0.005 min
Response: 4655978
Conc: 57.85 ng/ml



#40 AR-1262-5

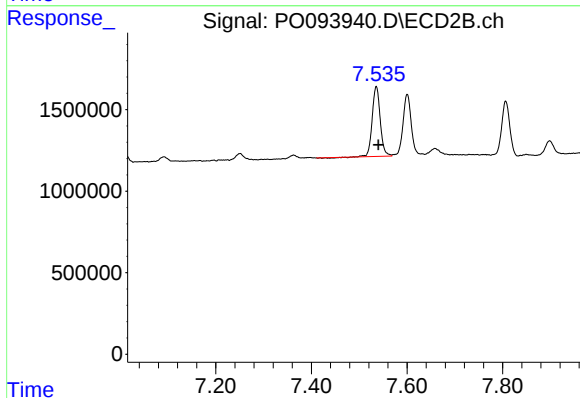
R.T.: 8.097 min
Delta R.T.: -0.005 min
Response: 1309616
Conc: 40.26 ng/ml



#41 AR-1268-1

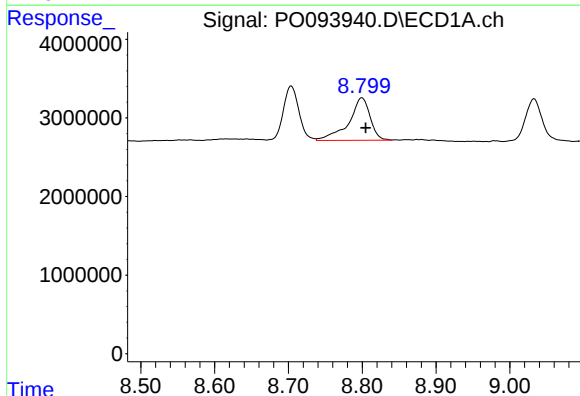
R.T.: 8.704 min
Delta R.T.: -0.005 min
Response: 10191740
Conc: 30.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



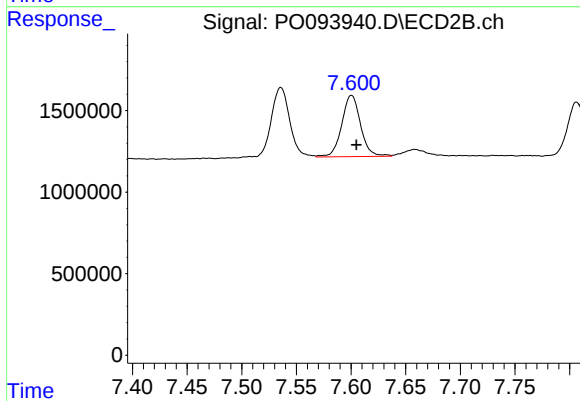
#41 AR-1268-1

R.T.: 7.536 min
Delta R.T.: -0.005 min
Response: 5005193
Conc: 32.76 ng/ml



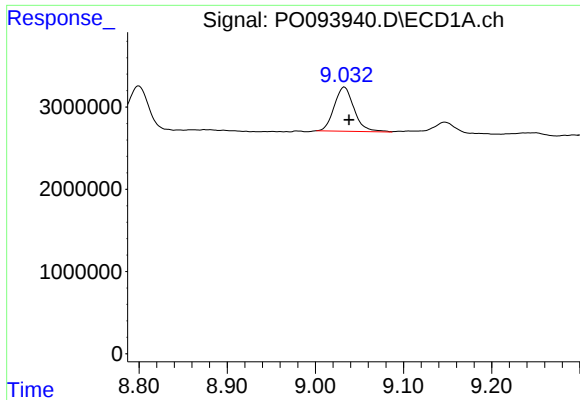
#42 AR-1268-2

R.T.: 8.800 min
Delta R.T.: -0.005 min
Response: 10928609
Conc: 33.96 ng/ml



#42 AR-1268-2

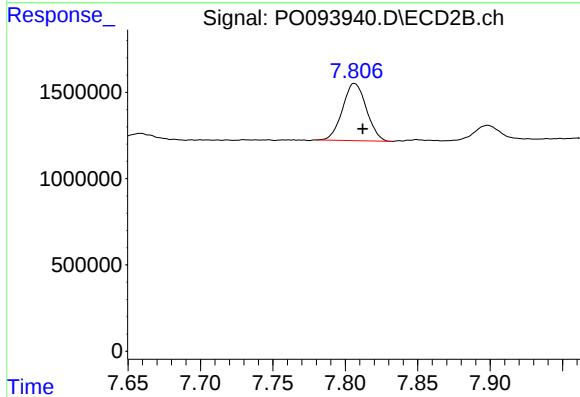
R.T.: 7.600 min
Delta R.T.: -0.004 min
Response: 4514577
Conc: 33.23 ng/ml



#43 AR-1268-3

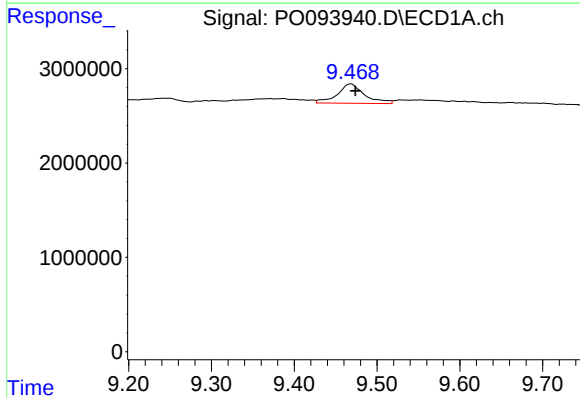
R.T.: 9.033 min
Delta R.T.: -0.005 min
Response: 8438540
Conc: 29.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



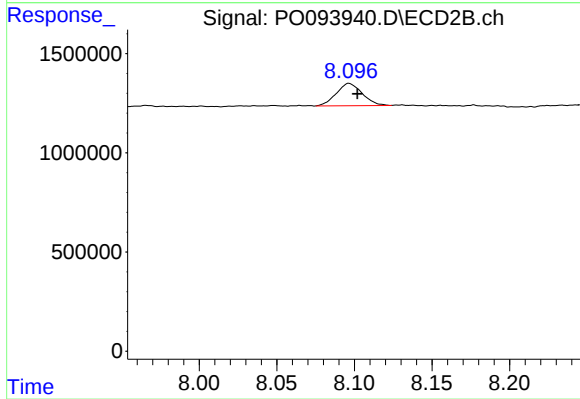
#43 AR-1268-3

R.T.: 7.806 min
Delta R.T.: -0.006 min
Response: 3804086
Conc: 29.07 ng/ml



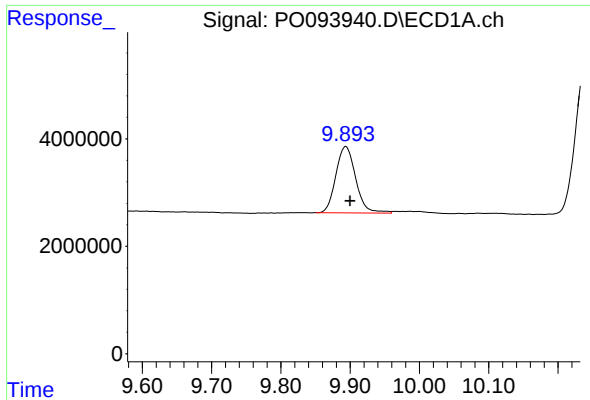
#44 AR-1268-4

R.T.: 9.468 min
Delta R.T.: -0.006 min
Response: 4655978
Conc: 48.15 ng/ml



#44 AR-1268-4

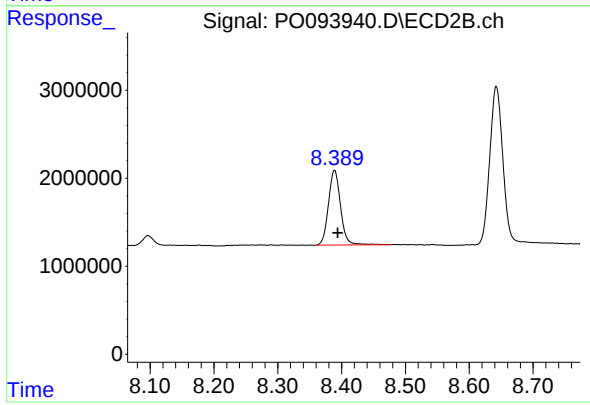
R.T.: 8.097 min
Delta R.T.: -0.005 min
Response: 1309616
Conc: 33.08 ng/ml



#45 AR-1268-5

R.T.: 9.894 min
Delta R.T.: -0.006 min
Response: 24623116
Conc: 29.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.389 min
Delta R.T.: -0.005 min
Response: 11232456
Conc: 32.05 ng/ml