

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0040723\
 Data File : P0093956.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Apr 2023 23:24
 Operator : YP/AJ
 Sample : 02213-01
 Misc : AR1242 LOD 40 PPB
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 08 12:53:44 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...	4.418	3.623	69622015	25587944	18.624	20.094
2)	SA Decachlor...	10.238	8.641	52521199	24101278	23.479	24.106
Target Compounds							
3)	L1 AR-1016-1	5.594	4.705	3995158	1409141	39.067	39.714
4)	L1 AR-1016-2	5.616	4.724	5836056	2044593	37.445	37.855
5)	L1 AR-1016-3	5.679	4.900	3809919	1015140	38.627	35.816
6)	L1 AR-1016-4	5.778	4.943	2573373	974118	34.998	36.890
7)	L1 AR-1016-5	6.075	5.155	3277987	1372774	38.718	41.953
8)	L2 AR-1221-1	4.624	0.000	528056	0	11.450	N.D. #
9)	L2 AR-1221-2	4.724	3.921	1411531	463680	41.121	39.287
10)	L2 AR-1221-3	4.791	3.996	2687156	892146	25.657	24.218
11)	L3 AR-1232-1	4.791	3.996	2687156	892146	30.789	28.557
12)	L3 AR-1232-2	5.324	4.724	3161377	2044593	73.924	77.231
13)	L3 AR-1232-3	5.616	4.900	5836056	1015140	79.450	76.968
14)	L3 AR-1232-4	5.778	4.984	2573373	1226386	74.759	86.298
15)	L3 AR-1232-5	5.870	5.155	2542364	1372774	80.043	88.861
16)	L4 AR-1242-1	5.594	4.705	3995158	1409141	45.772	45.792
17)	L4 AR-1242-2	5.616	4.724	5836056	2044593	43.892	44.453
18)	L4 AR-1242-3	5.679	4.900	3809919	1015140	44.882	41.889
19)	L4 AR-1242-4	5.778	4.984	2573373	1226386	41.186	43.685
20)	L4 AR-1242-5	6.521	5.507	3060208	1222478	45.451	42.878
21)	L5 AR-1248-1	5.594	4.705	3995158	1409141	59.379	59.080
22)	L5 AR-1248-2	5.870	4.943	2542364	974118	23.242	24.455
23)	L5 AR-1248-3	6.075	4.984	3277987	1226386	27.154	29.382
24)	L5 AR-1248-4	6.483	5.155	3057402	1372774	28.468	29.193
25)	L5 AR-1248-5	6.521	5.548	3060208	870402	26.376	23.314
26)	L6 AR-1254-1	6.455	5.507	2075601	1222478	15.304	17.885
27)	L6 AR-1254-2	6.678	5.656	2290729	388136	11.719	6.373 #
28)	L6 AR-1254-3	7.045	6.059	1280748	418106	6.933	4.590 #
29)	L6 AR-1254-4	7.332	0.000	513608	0	5.065	N.D. #
30)	L6 AR-1254-5	7.764	0.000	1347208	0	9.935	N.D. #
31)	L7 AR-1260-1	7.212	0.000	19062	0	0.131	N.D. #
32)	L7 AR-1260-2	7.471	0.000	124797	0	0.780	N.D. #
33)	L7 AR-1260-3	7.844	6.602f	190601	282460	1.435	3.892 #
34)	L7 AR-1260-4	8.084	0.000	424093	0	3.079	N.D. #
35)	L7 AR-1260-5	8.413	0.000	171190	0	0.786	N.D. #
36)	L8 AR-1262-1	7.844	0.000	190601	0	1.116	N.D. #
37)	L8 AR-1262-2	8.413	0.000	171190	0	0.736	N.D. #
38)	L8 AR-1262-3	8.716	0.000	151671	0	0.926	N.D. #
39)	L8 AR-1262-4	8.800	7.657f	236717	499950	2.363	6.028 #
40)	L8 AR-1262-5	9.464	0.000	207344	0	2.576	N.D. #
41)	L9 AR-1268-1	8.716	0.000	151671	0	0.451	N.D. #

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 Misc : AR1242 LOD 40 PPB
 ALS Vial : 27 Sample Multiplier: 1

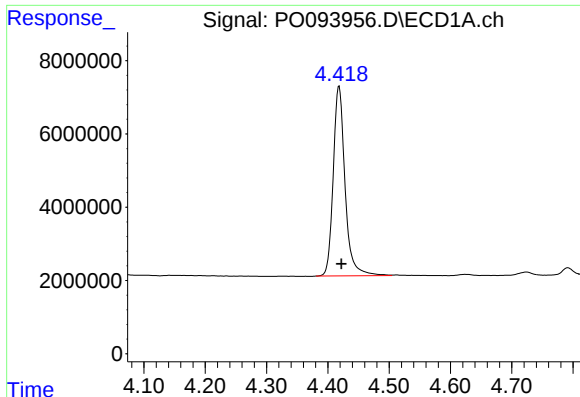
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 08 12:53:44 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	8.800	7.657f	236717	499950	0.736	3.680 #
43) L9	AR-1268-3	9.041	0.000	80935	0	0.285	N.D. #
44) L9	AR-1268-4	9.464	0.000	207344	0	2.144	N.D. #
45) L9	AR-1268-5	9.892	0.000	123889	0	0.148	N.D. #

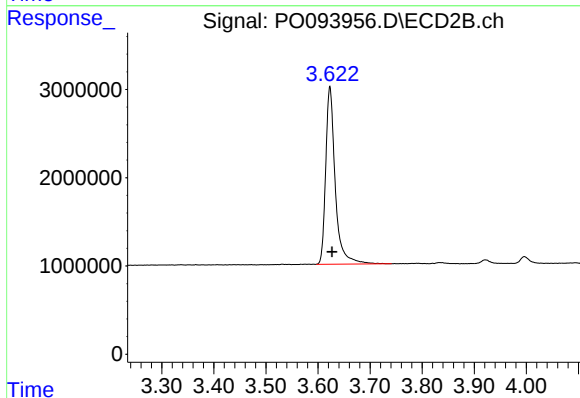
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

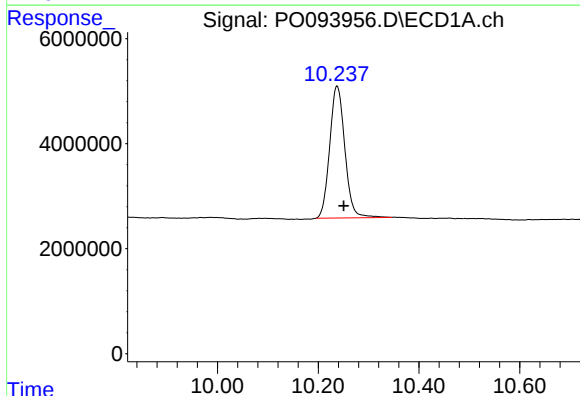
R.T.: 4.418 min
Delta R.T.: -0.004 min
Response: 69622015
Conc: 18.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



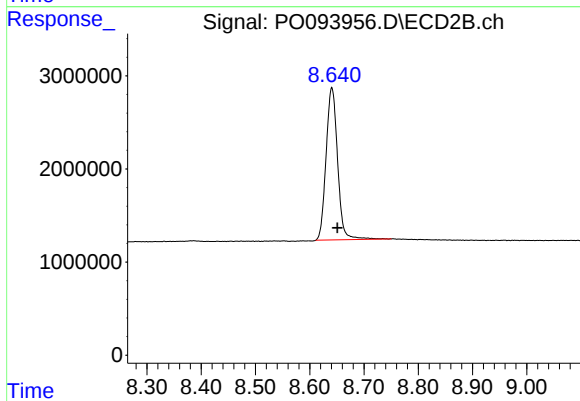
#1 Tetrachloro-m-xylene

R.T.: 3.623 min
Delta R.T.: -0.004 min
Response: 25587944
Conc: 20.09 ng/ml



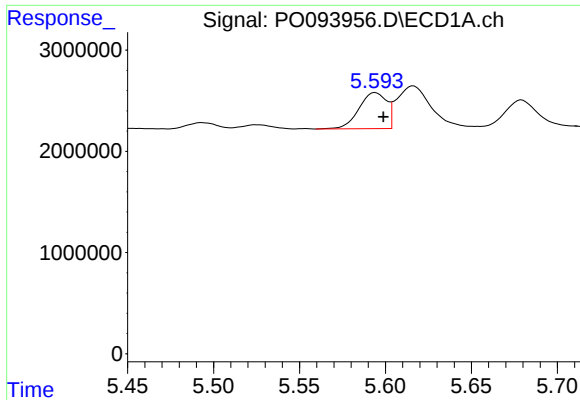
#2 Decachlorobiphenyl

R.T.: 10.238 min
Delta R.T.: -0.013 min
Response: 52521199
Conc: 23.48 ng/ml



#2 Decachlorobiphenyl

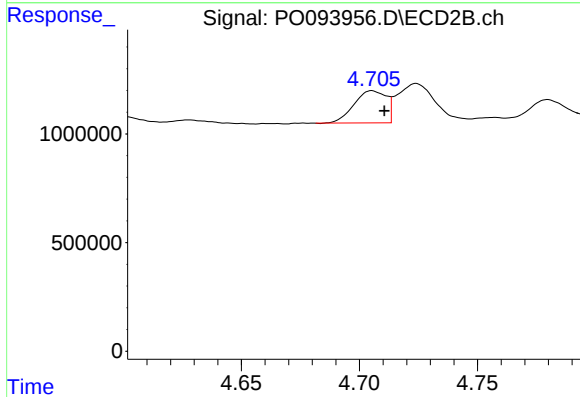
R.T.: 8.641 min
Delta R.T.: -0.011 min
Response: 24101278
Conc: 24.11 ng/ml



#3 AR-1016-1

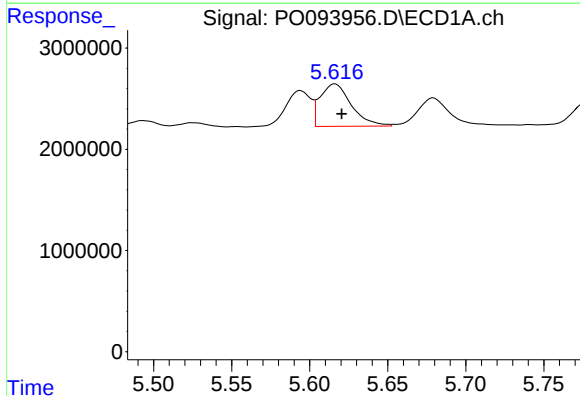
R.T.: 5.594 min
Delta R.T.: -0.005 min
Response: 3995158
Conc: 39.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



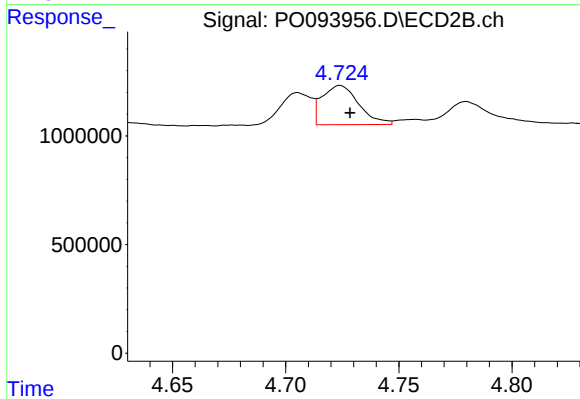
#3 AR-1016-1

R.T.: 4.705 min
Delta R.T.: -0.005 min
Response: 1409141
Conc: 39.71 ng/ml



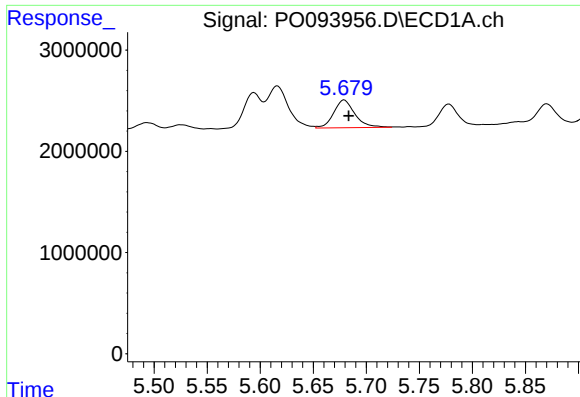
#4 AR-1016-2

R.T.: 5.616 min
Delta R.T.: -0.004 min
Response: 5836056
Conc: 37.44 ng/ml



#4 AR-1016-2

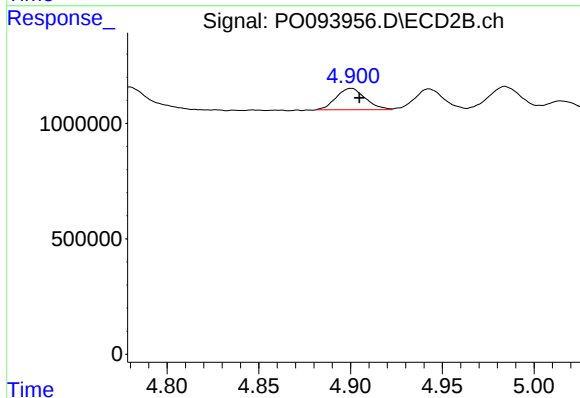
R.T.: 4.724 min
Delta R.T.: -0.004 min
Response: 2044593
Conc: 37.86 ng/ml



#5 AR-1016-3

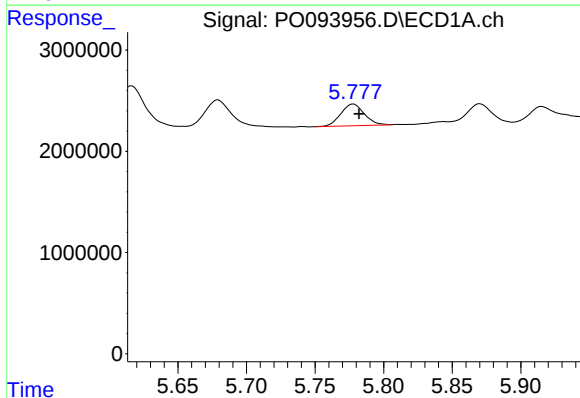
R.T.: 5.679 min
Delta R.T.: -0.004 min
Response: 3809919
Conc: 38.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



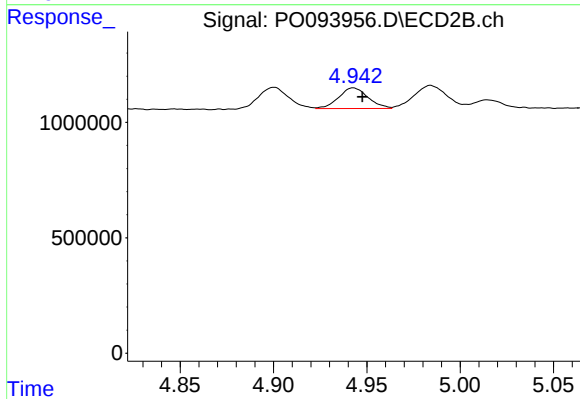
#5 AR-1016-3

R.T.: 4.900 min
Delta R.T.: -0.004 min
Response: 1015140
Conc: 35.82 ng/ml



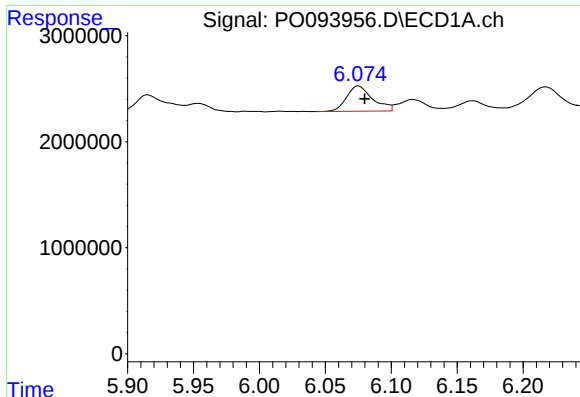
#6 AR-1016-4

R.T.: 5.778 min
Delta R.T.: -0.004 min
Response: 2573373
Conc: 35.00 ng/ml



#6 AR-1016-4

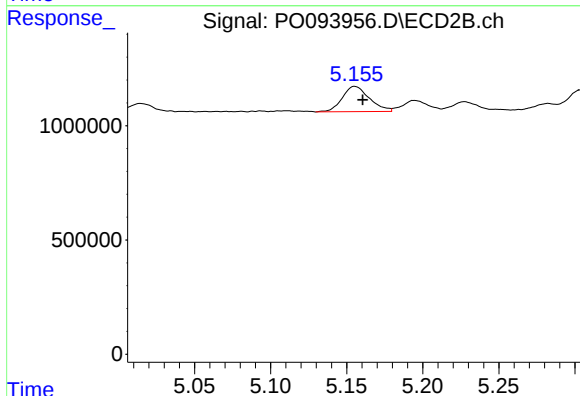
R.T.: 4.943 min
Delta R.T.: -0.005 min
Response: 974118
Conc: 36.89 ng/ml



#7 AR-1016-5

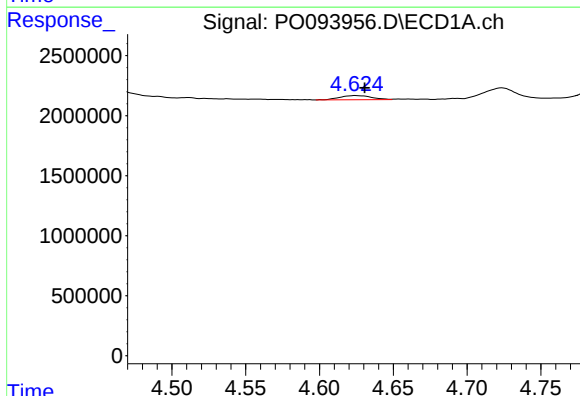
R.T.: 6.075 min
Delta R.T.: -0.005 min
Response: 3277987
Conc: 38.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



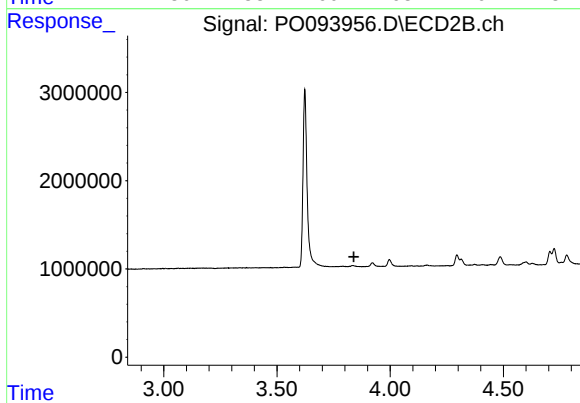
#7 AR-1016-5

R.T.: 5.155 min
Delta R.T.: -0.005 min
Response: 1372774
Conc: 41.95 ng/ml



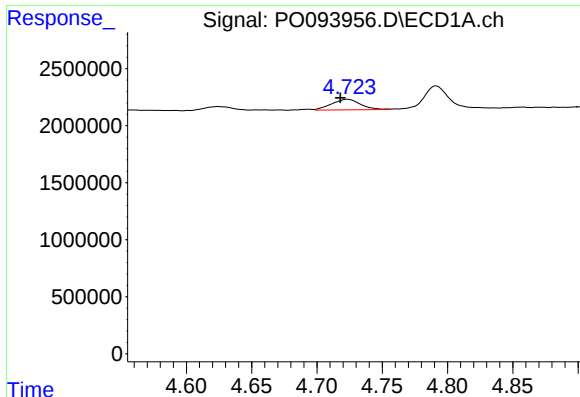
#8 AR-1221-1

R.T.: 4.624 min
Delta R.T.: -0.006 min
Response: 528056
Conc: 11.45 ng/ml



#8 AR-1221-1

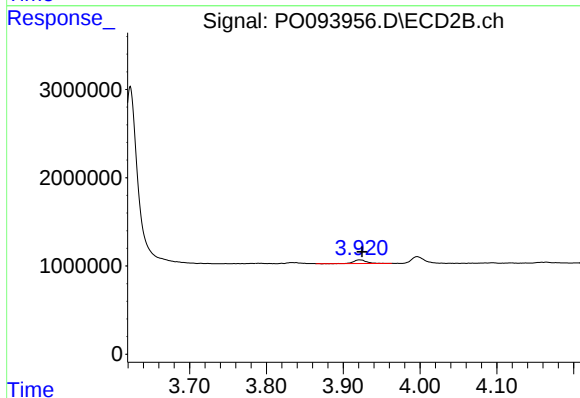
R.T.: 0.000 min
Exp R.T. : 3.840 min
Response: 0
Conc: N.D.



#9 AR-1221-2

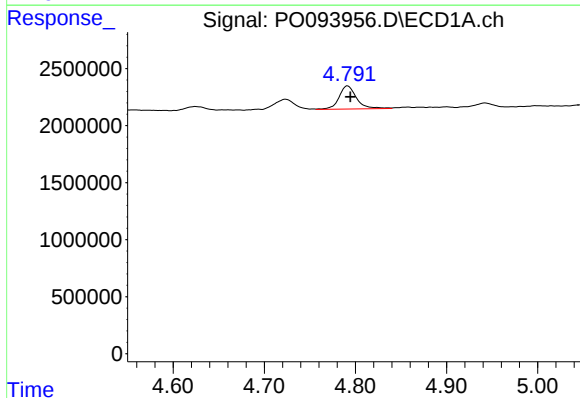
R.T.: 4.724 min
Delta R.T.: 0.006 min
Response: 1411531
Conc: 41.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



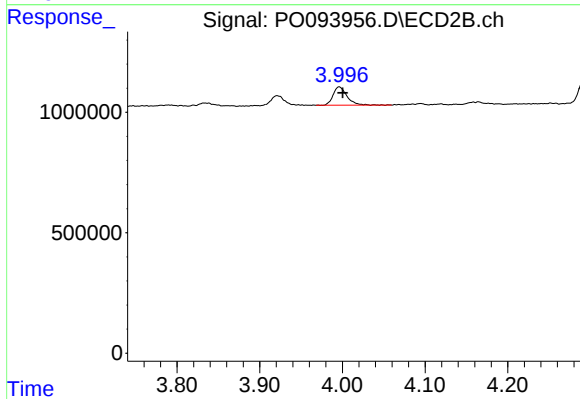
#9 AR-1221-2

R.T.: 3.921 min
Delta R.T.: -0.003 min
Response: 463680
Conc: 39.29 ng/ml



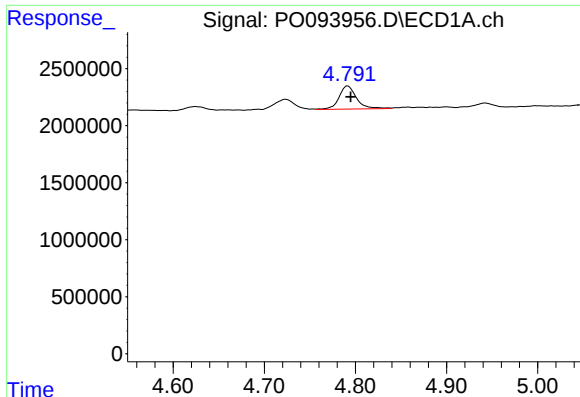
#10 AR-1221-3

R.T.: 4.791 min
Delta R.T.: -0.003 min
Response: 2687156
Conc: 25.66 ng/ml



#10 AR-1221-3

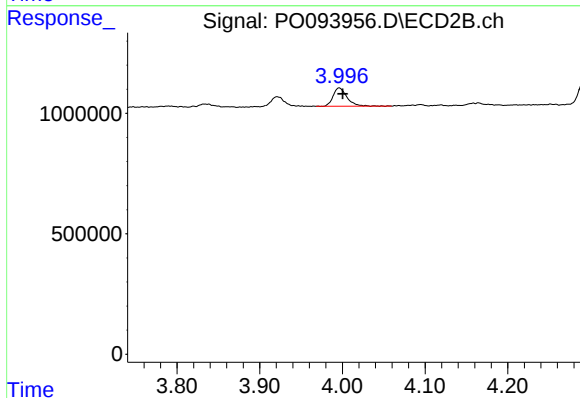
R.T.: 3.996 min
Delta R.T.: -0.004 min
Response: 892146
Conc: 24.22 ng/ml



#11 AR-1232-1

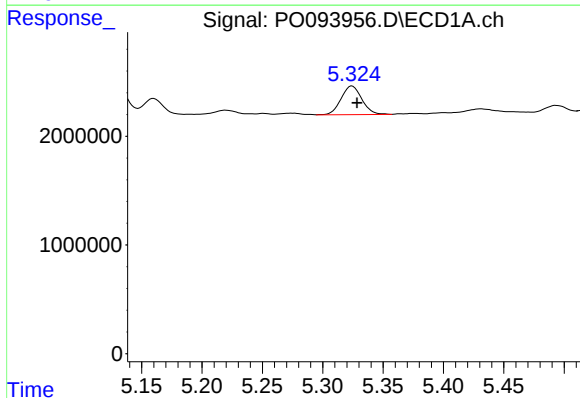
R.T.: 4.791 min
Delta R.T.: -0.003 min
Response: 2687156
Conc: 30.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



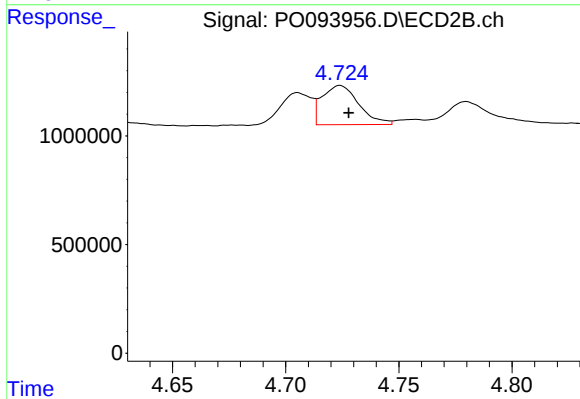
#11 AR-1232-1

R.T.: 3.996 min
Delta R.T.: -0.004 min
Response: 892146
Conc: 28.56 ng/ml



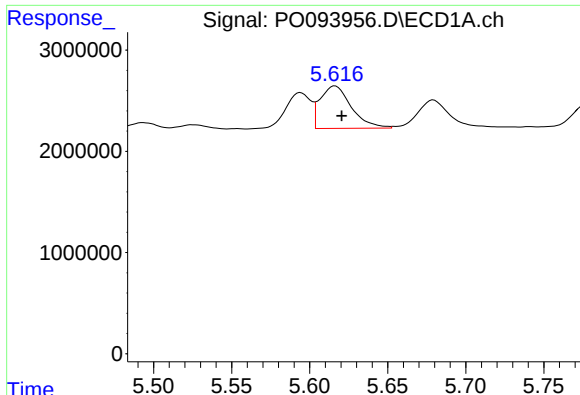
#12 AR-1232-2

R.T.: 5.324 min
Delta R.T.: -0.004 min
Response: 3161377
Conc: 73.92 ng/ml



#12 AR-1232-2

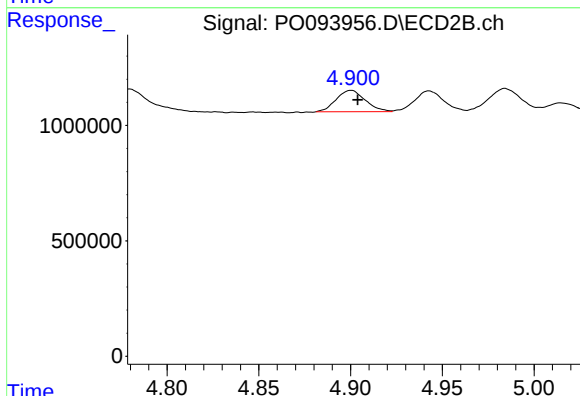
R.T.: 4.724 min
Delta R.T.: -0.004 min
Response: 2044593
Conc: 77.23 ng/ml



#13 AR-1232-3

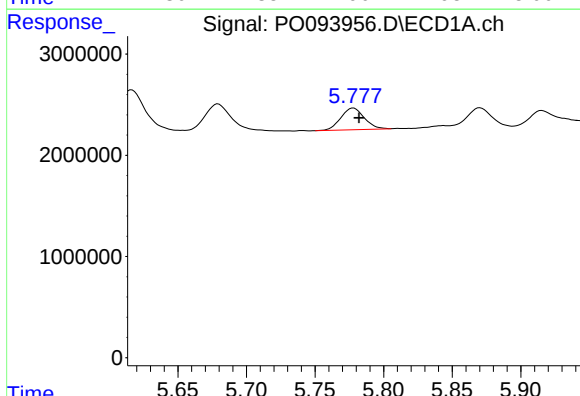
R.T.: 5.616 min
Delta R.T.: -0.004 min
Response: 5836056
Conc: 79.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



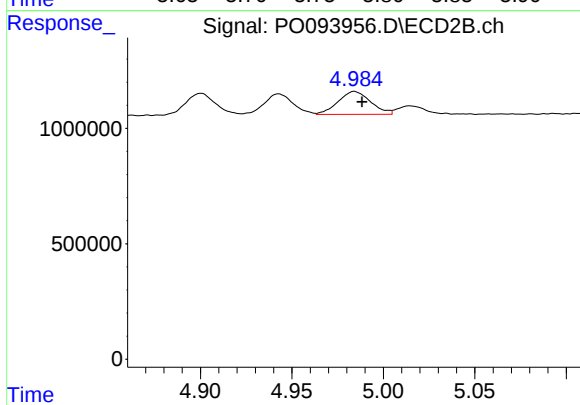
#13 AR-1232-3

R.T.: 4.900 min
Delta R.T.: -0.004 min
Response: 1015140
Conc: 76.97 ng/ml



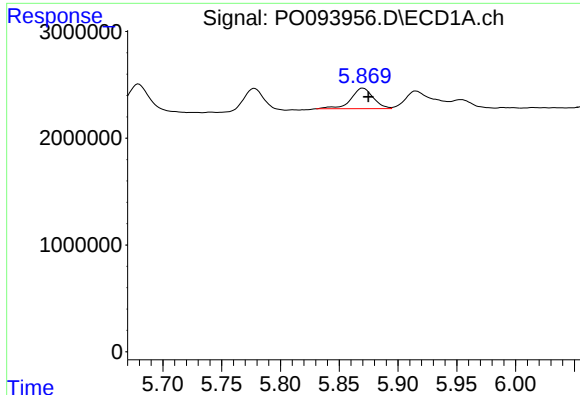
#14 AR-1232-4

R.T.: 5.778 min
Delta R.T.: -0.004 min
Response: 2573373
Conc: 74.76 ng/ml



#14 AR-1232-4

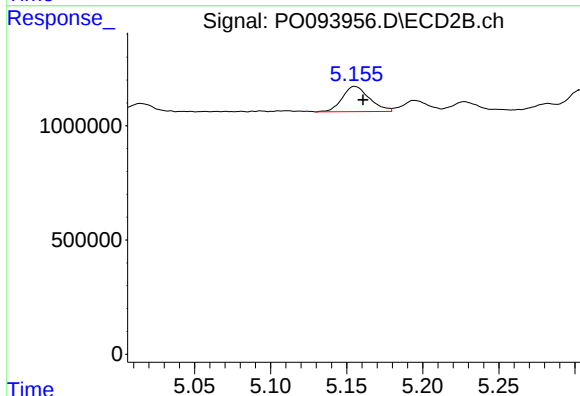
R.T.: 4.984 min
Delta R.T.: -0.004 min
Response: 1226386
Conc: 86.30 ng/ml



#15 AR-1232-5

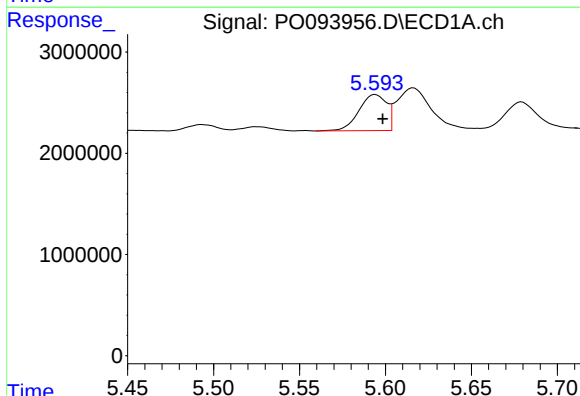
R.T.: 5.870 min
Delta R.T.: -0.005 min
Response: 2542364
Conc: 80.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



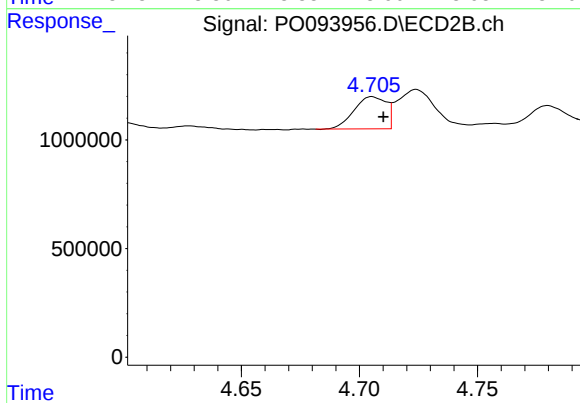
#15 AR-1232-5

R.T.: 5.155 min
Delta R.T.: -0.005 min
Response: 1372774
Conc: 88.86 ng/ml



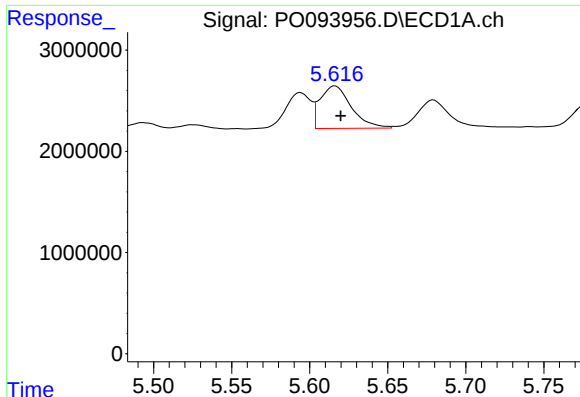
#16 AR-1242-1

R.T.: 5.594 min
Delta R.T.: -0.004 min
Response: 3995158
Conc: 45.77 ng/ml



#16 AR-1242-1

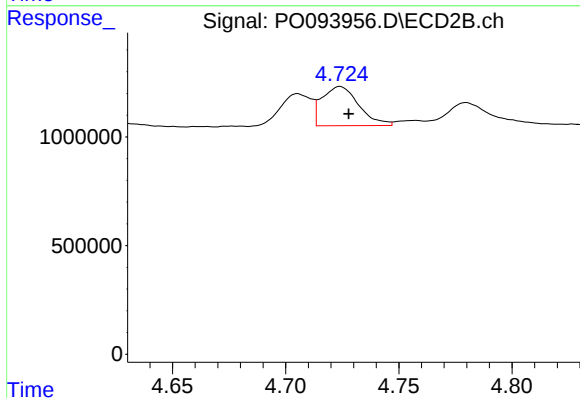
R.T.: 4.705 min
Delta R.T.: -0.005 min
Response: 1409141
Conc: 45.79 ng/ml



#17 AR-1242-2

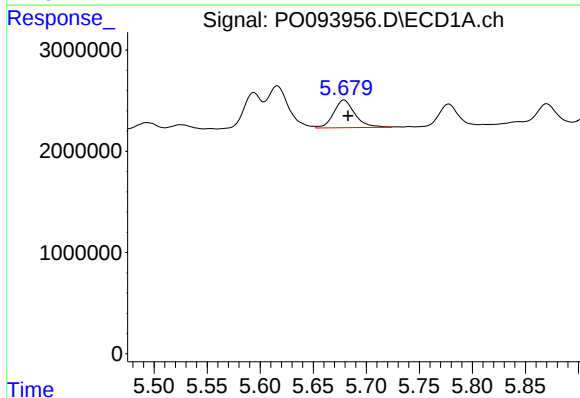
R.T.: 5.616 min
Delta R.T.: -0.003 min
Response: 5836056
Conc: 43.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



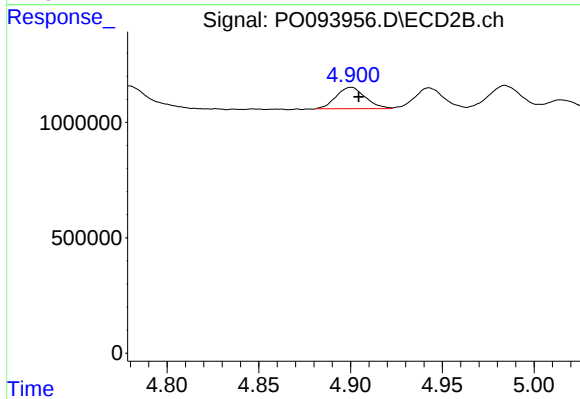
#17 AR-1242-2

R.T.: 4.724 min
Delta R.T.: -0.004 min
Response: 2044593
Conc: 44.45 ng/ml



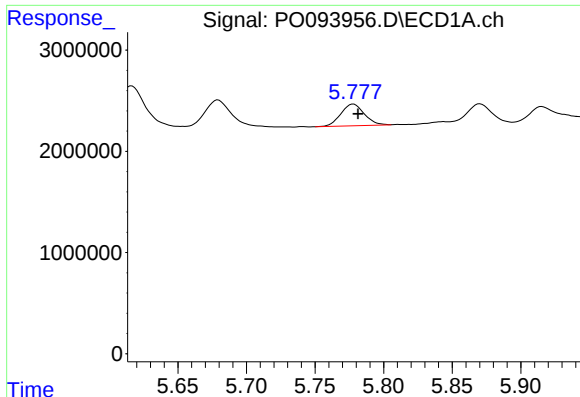
#18 AR-1242-3

R.T.: 5.679 min
Delta R.T.: -0.004 min
Response: 3809919
Conc: 44.88 ng/ml



#18 AR-1242-3

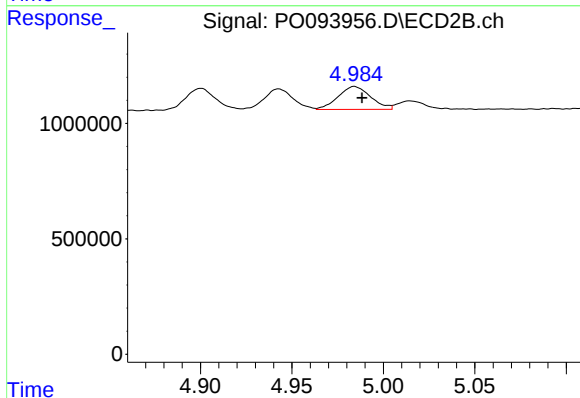
R.T.: 4.900 min
Delta R.T.: -0.004 min
Response: 1015140
Conc: 41.89 ng/ml



#19 AR-1242-4

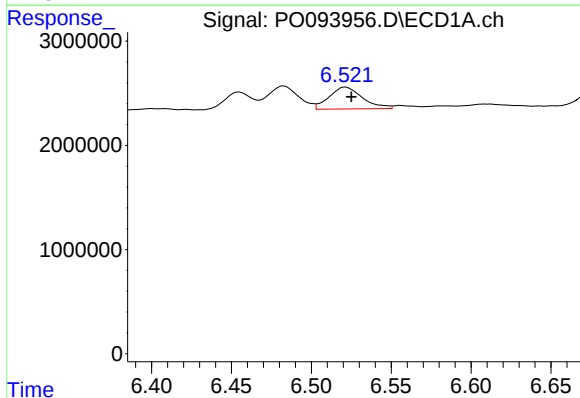
R.T.: 5.778 min
Delta R.T.: -0.004 min
Response: 2573373
Conc: 41.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



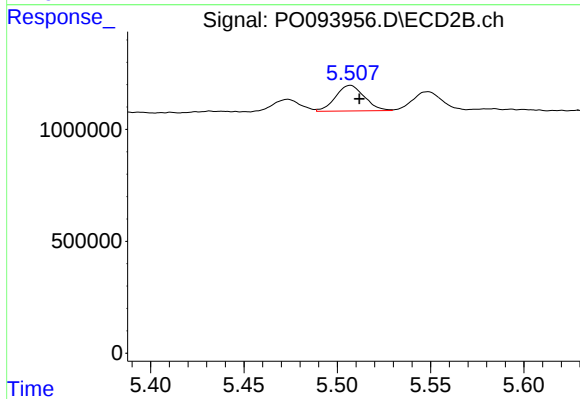
#19 AR-1242-4

R.T.: 4.984 min
Delta R.T.: -0.004 min
Response: 1226386
Conc: 43.68 ng/ml



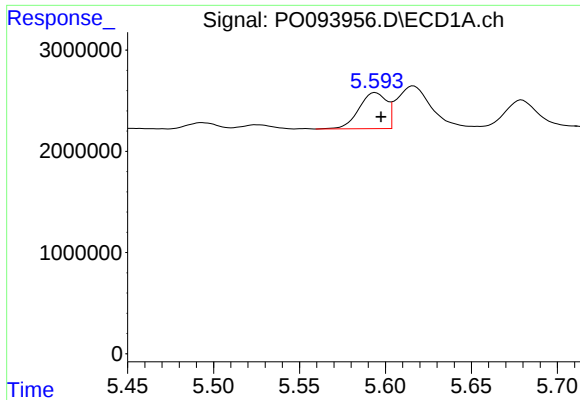
#20 AR-1242-5

R.T.: 6.521 min
Delta R.T.: -0.004 min
Response: 3060208
Conc: 45.45 ng/ml



#20 AR-1242-5

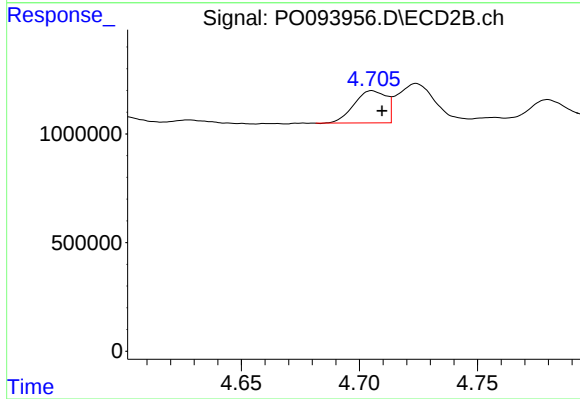
R.T.: 5.507 min
Delta R.T.: -0.005 min
Response: 1222478
Conc: 42.88 ng/ml



#21 AR-1248-1

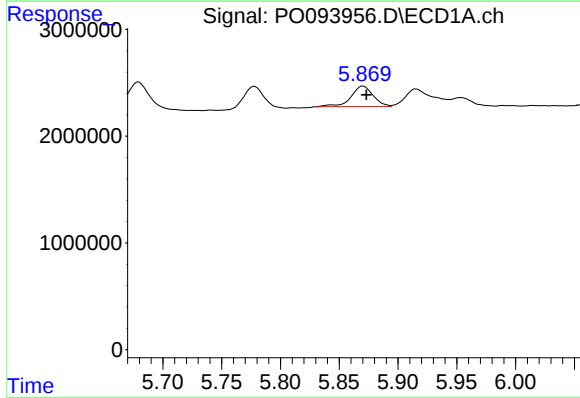
R.T.: 5.594 min
Delta R.T.: -0.003 min
Response: 3995158
Conc: 59.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



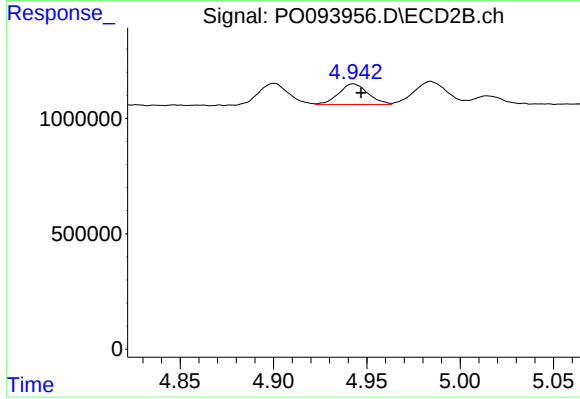
#21 AR-1248-1

R.T.: 4.705 min
Delta R.T.: -0.004 min
Response: 1409141
Conc: 59.08 ng/ml



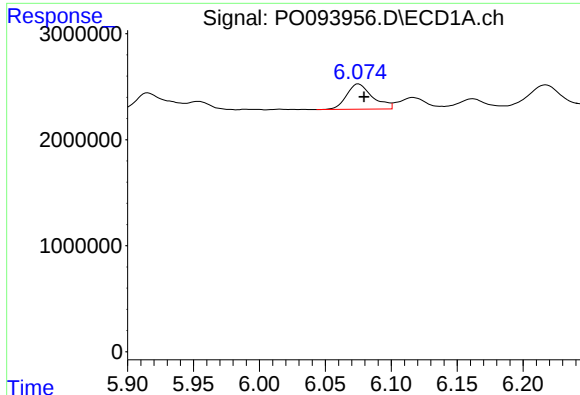
#22 AR-1248-2

R.T.: 5.870 min
Delta R.T.: -0.003 min
Response: 2542364
Conc: 23.24 ng/ml



#22 AR-1248-2

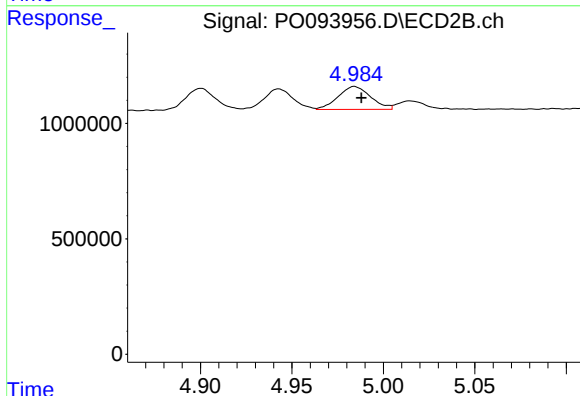
R.T.: 4.943 min
Delta R.T.: -0.004 min
Response: 974118
Conc: 24.45 ng/ml



#23 AR-1248-3

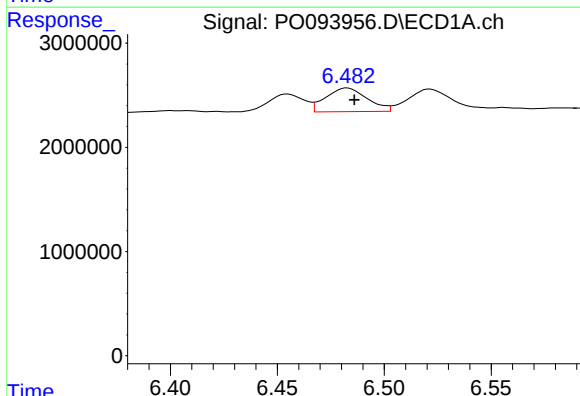
R.T.: 6.075 min
Delta R.T.: -0.004 min
Response: 3277987
Conc: 27.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



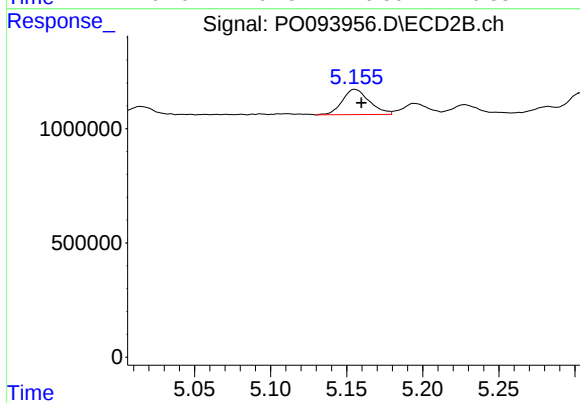
#23 AR-1248-3

R.T.: 4.984 min
Delta R.T.: -0.004 min
Response: 1226386
Conc: 29.38 ng/ml



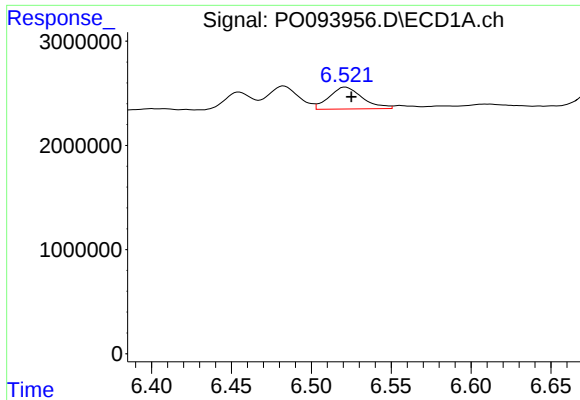
#24 AR-1248-4

R.T.: 6.483 min
Delta R.T.: -0.003 min
Response: 3057402
Conc: 28.47 ng/ml



#24 AR-1248-4

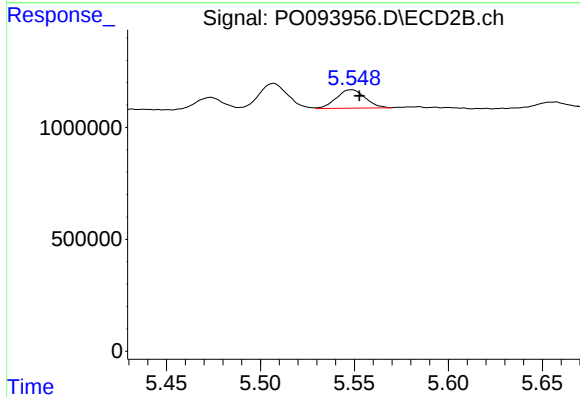
R.T.: 5.155 min
Delta R.T.: -0.004 min
Response: 1372774
Conc: 29.19 ng/ml



#25 AR-1248-5

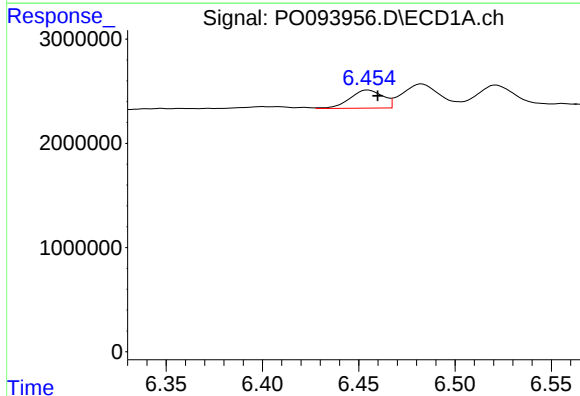
R.T.: 6.521 min
Delta R.T.: -0.004 min
Response: 3060208
Conc: 26.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



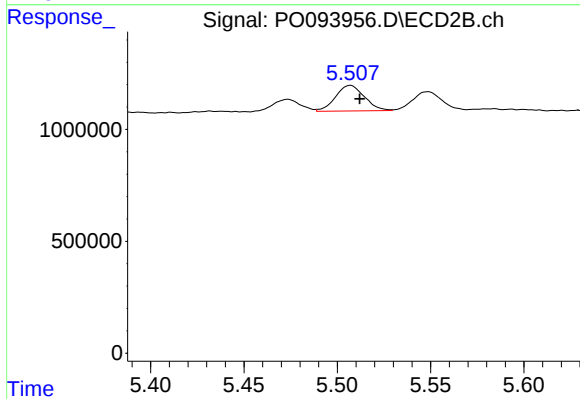
#25 AR-1248-5

R.T.: 5.548 min
Delta R.T.: -0.004 min
Response: 870402
Conc: 23.31 ng/ml



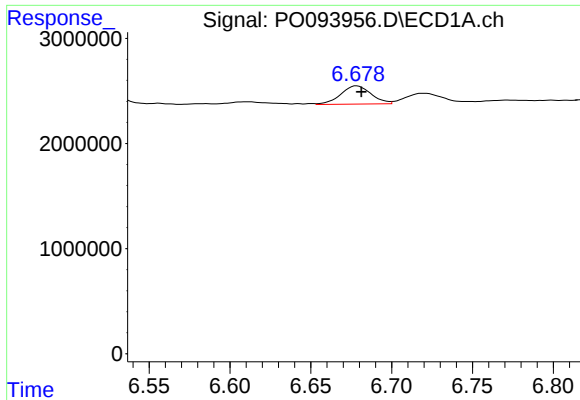
#26 AR-1254-1

R.T.: 6.455 min
Delta R.T.: -0.005 min
Response: 2075601
Conc: 15.30 ng/ml



#26 AR-1254-1

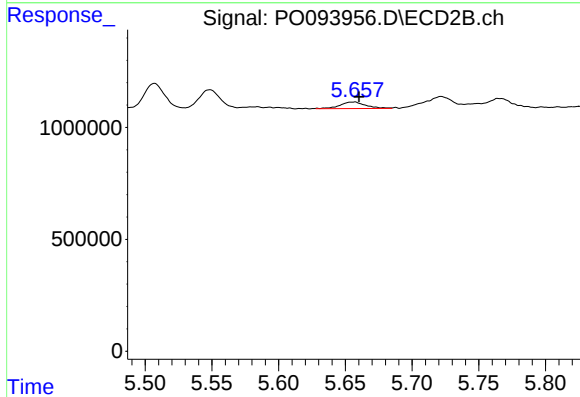
R.T.: 5.507 min
Delta R.T.: -0.005 min
Response: 1222478
Conc: 17.88 ng/ml



#27 AR-1254-2

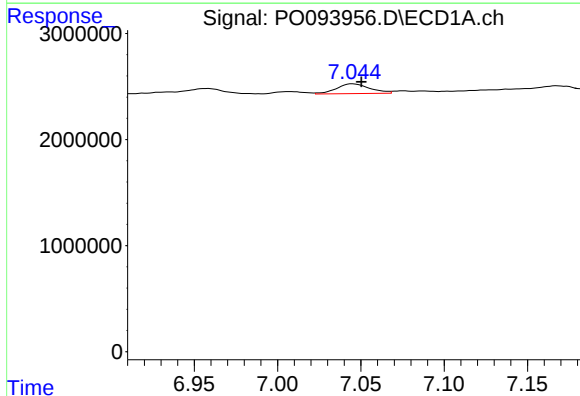
R.T.: 6.678 min
Delta R.T.: -0.003 min
Response: 2290729
Conc: 11.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



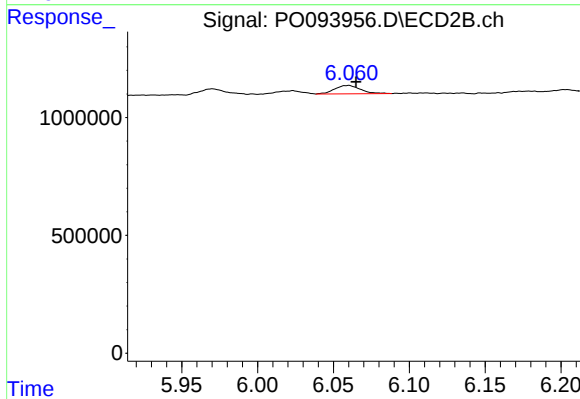
#27 AR-1254-2

R.T.: 5.656 min
Delta R.T.: -0.004 min
Response: 388136
Conc: 6.37 ng/ml



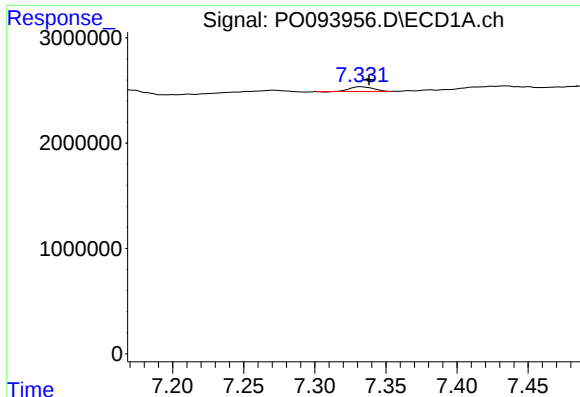
#28 AR-1254-3

R.T.: 7.045 min
Delta R.T.: -0.005 min
Response: 1280748
Conc: 6.93 ng/ml



#28 AR-1254-3

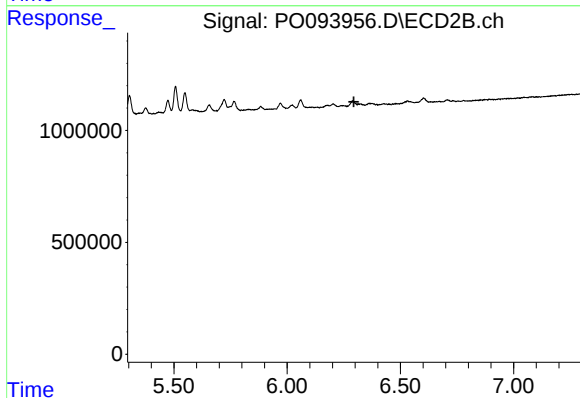
R.T.: 6.059 min
Delta R.T.: -0.005 min
Response: 418106
Conc: 4.59 ng/ml



#29 AR-1254-4

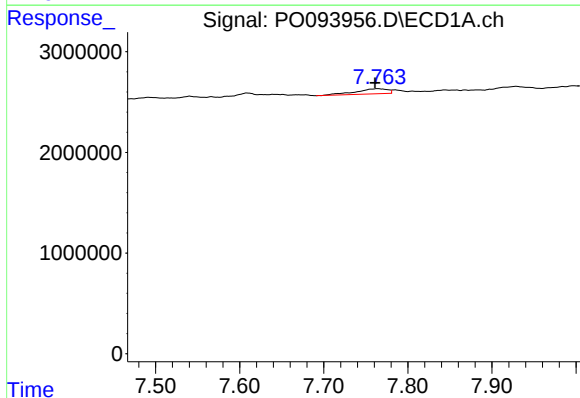
R.T.: 7.332 min
Delta R.T.: -0.006 min
Response: 513608
Conc: 5.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



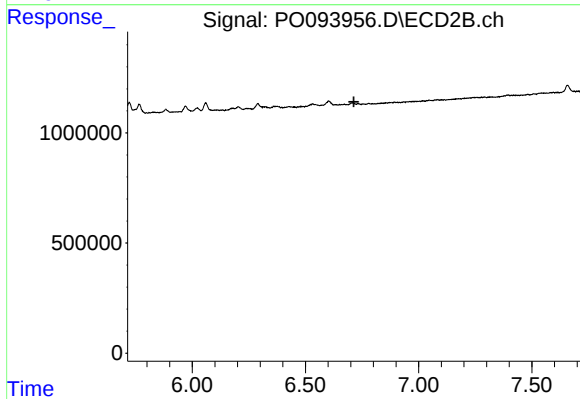
#29 AR-1254-4

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



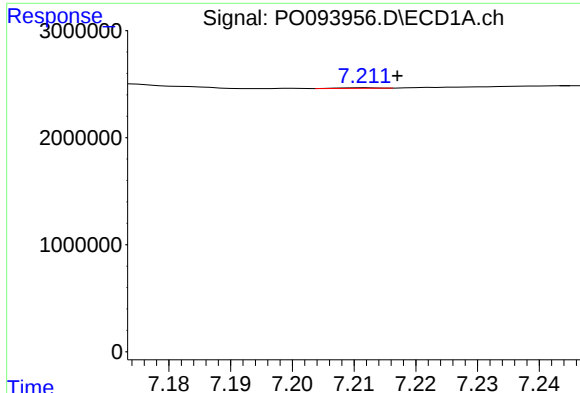
#30 AR-1254-5

R.T.: 7.764 min
Delta R.T.: 0.003 min
Response: 1347208
Conc: 9.93 ng/ml



#30 AR-1254-5

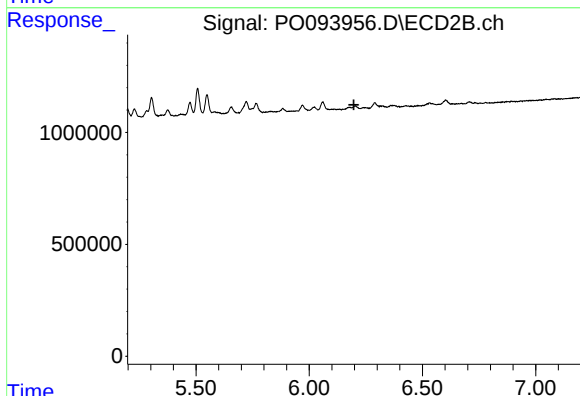
R.T.: 0.000 min
Exp R.T. : 6.714 min
Response: 0
Conc: N.D.



#31 AR-1260-1

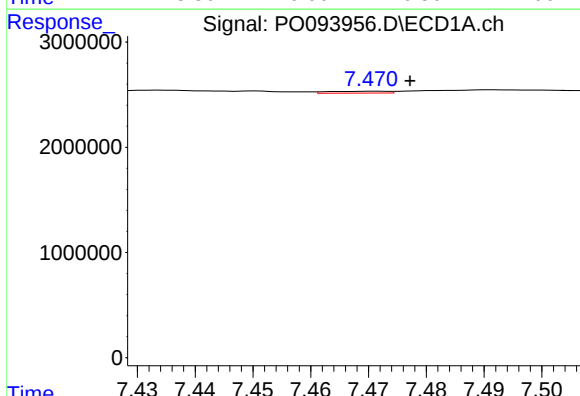
R.T.: 7.212 min
Delta R.T.: -0.005 min
Response: 19062
Conc: 0.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



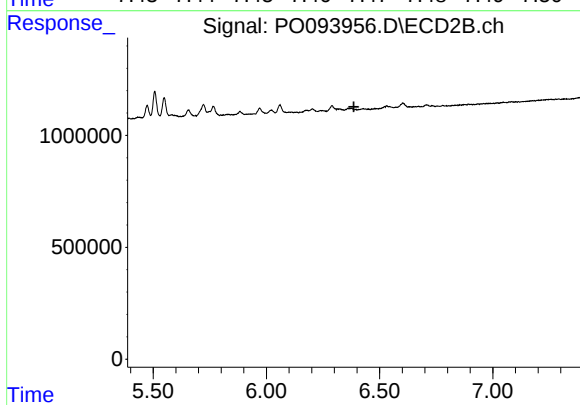
#31 AR-1260-1

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



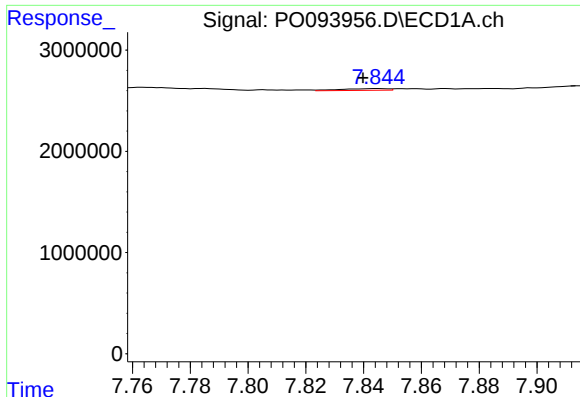
#32 AR-1260-2

R.T.: 7.471 min
Delta R.T.: -0.006 min
Response: 124797
Conc: 0.78 ng/ml



#32 AR-1260-2

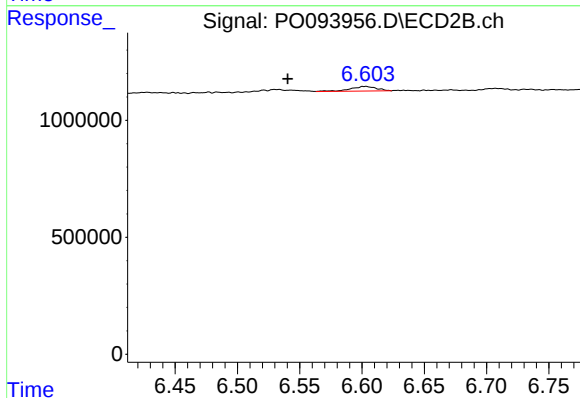
R.T.: 0.000 min
Exp R.T. : 6.387 min
Response: 0
Conc: N.D.



#33 AR-1260-3

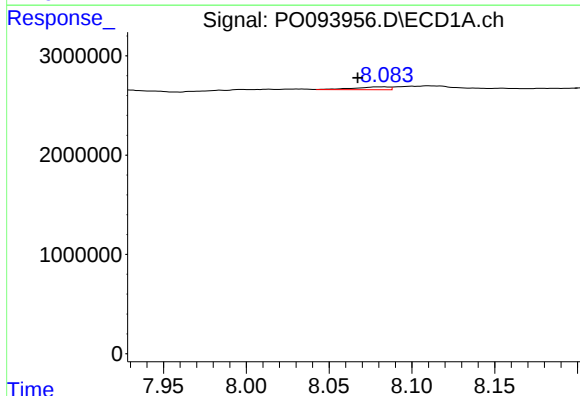
R.T.: 7.844 min
Delta R.T.: 0.005 min
Response: 190601
Conc: 1.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



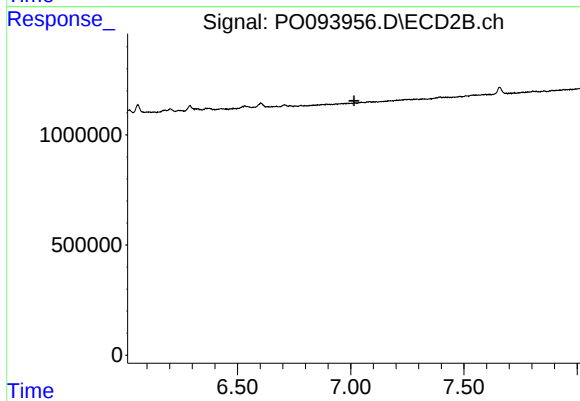
#33 AR-1260-3

R.T.: 6.602 min
Delta R.T.: 0.062 min
Response: 282460
Conc: 3.89 ng/ml



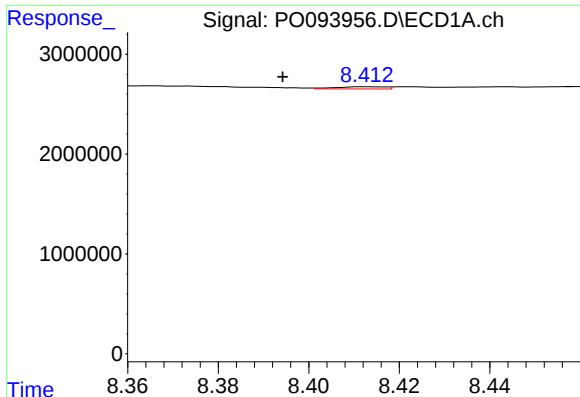
#34 AR-1260-4

R.T.: 8.084 min
Delta R.T.: 0.016 min
Response: 424093
Conc: 3.08 ng/ml



#34 AR-1260-4

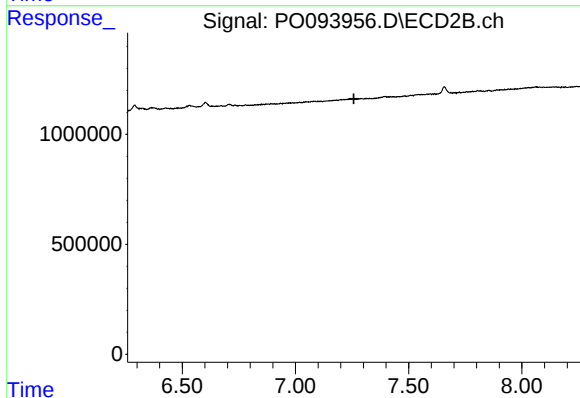
R.T.: 0.000 min
Exp R.T.: 7.014 min
Response: 0
Conc: N.D.



#35 AR-1260-5

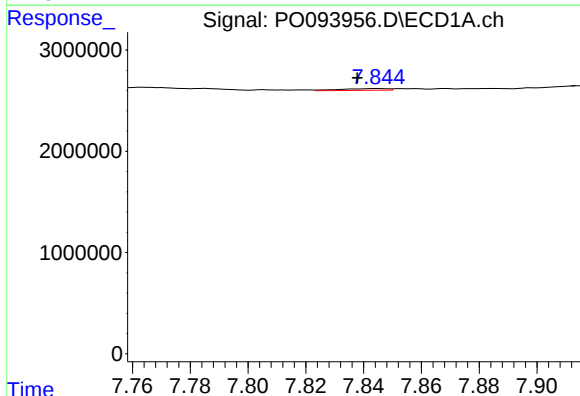
R.T.: 8.413 min
Delta R.T.: 0.019 min
Response: 171190
Conc: 0.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



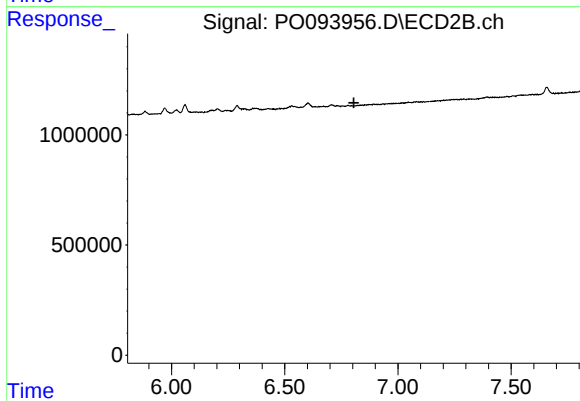
#35 AR-1260-5

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



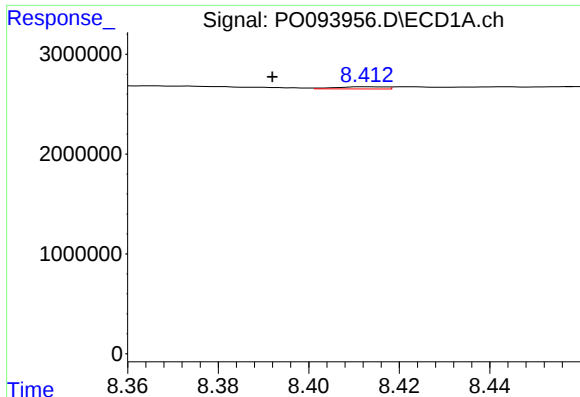
#36 AR-1262-1

R.T.: 7.844 min
Delta R.T.: 0.007 min
Response: 190601
Conc: 1.12 ng/ml



#36 AR-1262-1

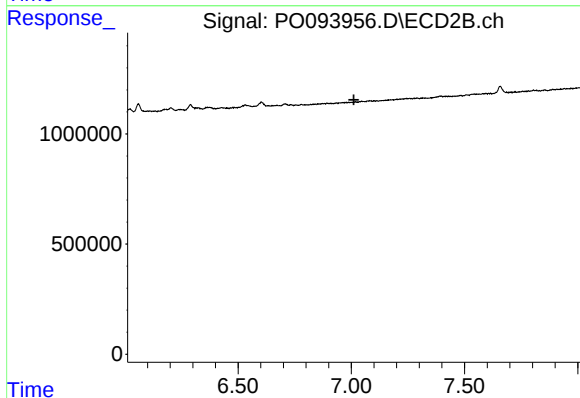
R.T.: 0.000 min
Exp R.T. : 6.805 min
Response: 0
Conc: N.D.



#37 AR-1262-2

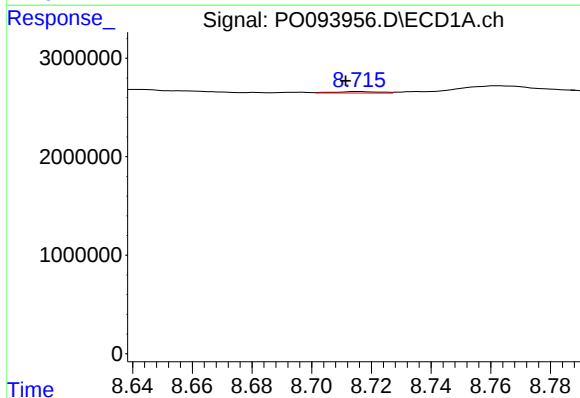
R.T.: 8.413 min
Delta R.T.: 0.021 min
Response: 171190
Conc: 0.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



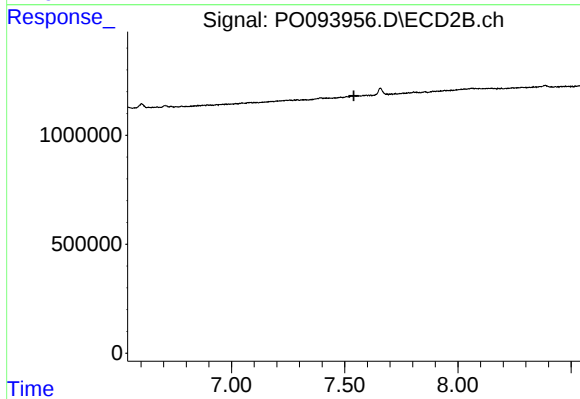
#37 AR-1262-2

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



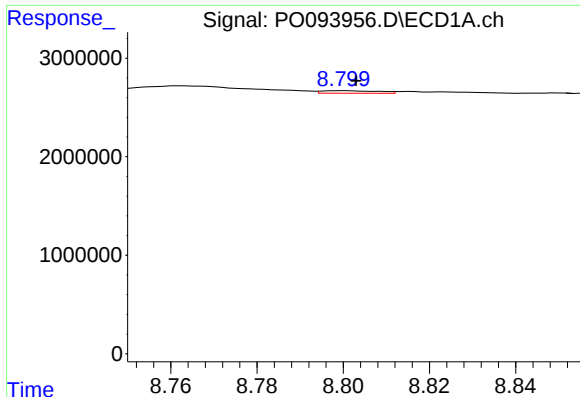
#38 AR-1262-3

R.T.: 8.716 min
Delta R.T.: 0.004 min
Response: 151671
Conc: 0.93 ng/ml



#38 AR-1262-3

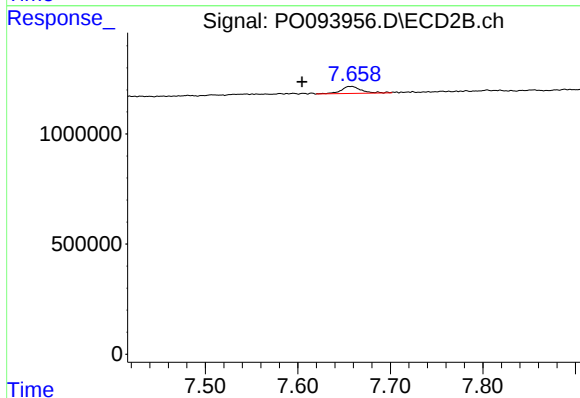
R.T.: 0.000 min
Exp R.T. : 7.541 min
Response: 0
Conc: N.D.



#39 AR-1262-4

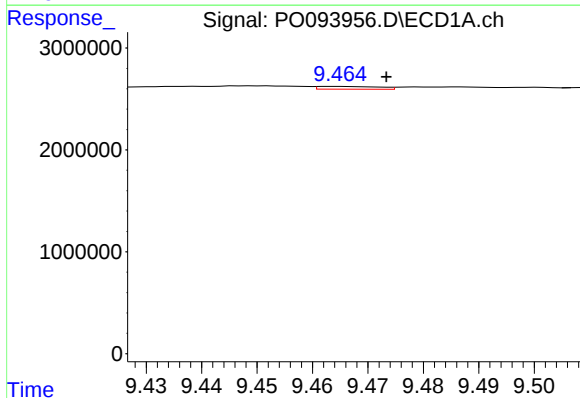
R.T.: 8.800 min
Delta R.T.: -0.003 min
Response: 236717
Conc: 2.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



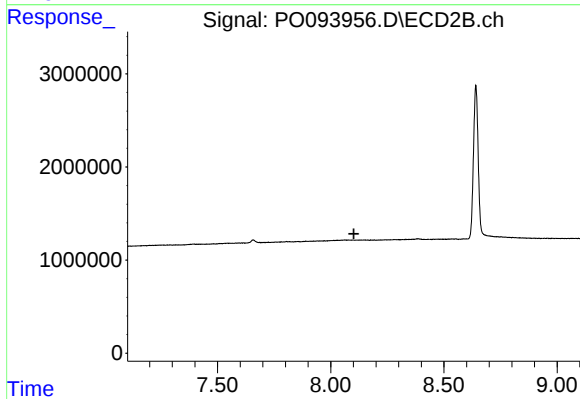
#39 AR-1262-4

R.T.: 7.657 min
Delta R.T.: 0.053 min
Response: 499950
Conc: 6.03 ng/ml



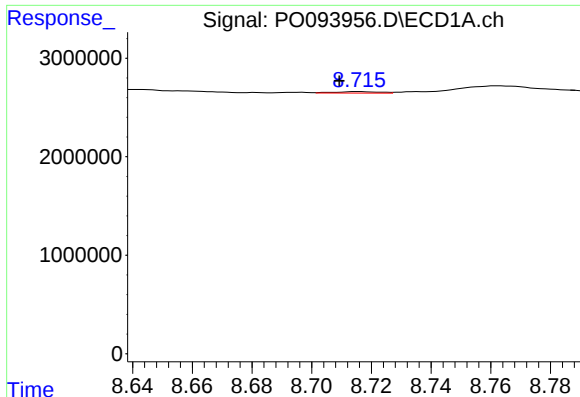
#40 AR-1262-5

R.T.: 9.464 min
Delta R.T.: -0.009 min
Response: 207344
Conc: 2.58 ng/ml



#40 AR-1262-5

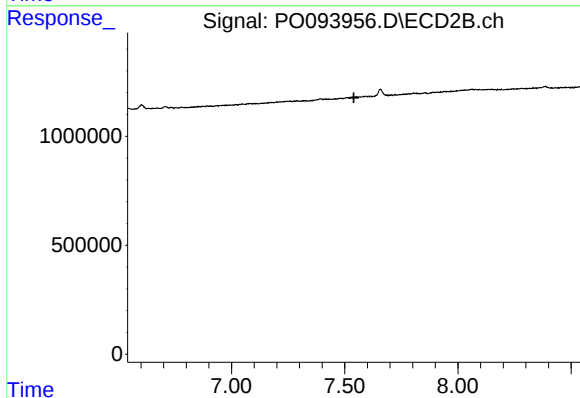
R.T.: 0.000 min
Exp R.T. : 8.102 min
Response: 0
Conc: N.D.



#41 AR-1268-1

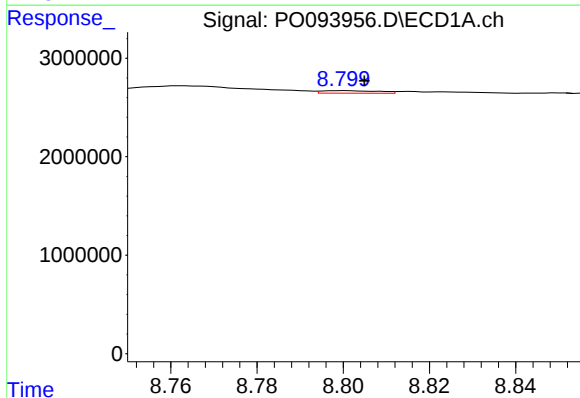
R.T.: 8.716 min
Delta R.T.: 0.006 min
Response: 151671
Conc: 0.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



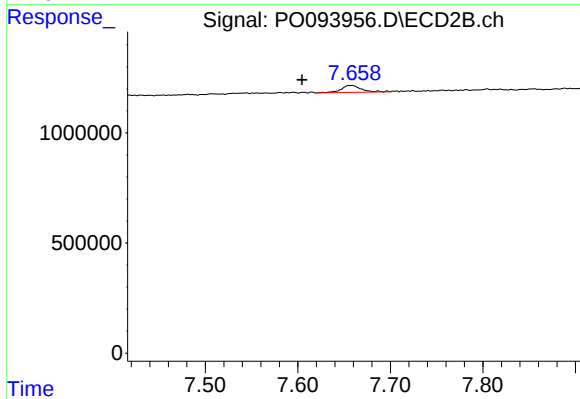
#41 AR-1268-1

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



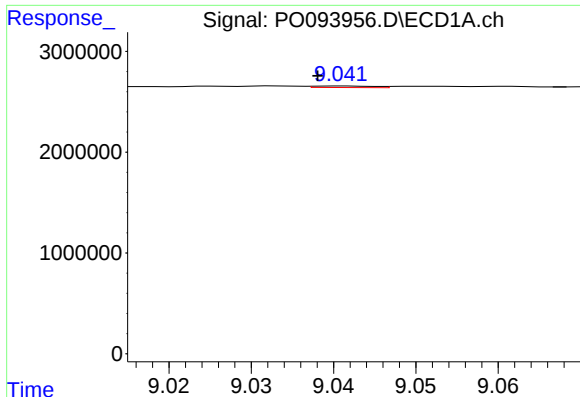
#42 AR-1268-2

R.T.: 8.800 min
Delta R.T.: -0.005 min
Response: 236717
Conc: 0.74 ng/ml



#42 AR-1268-2

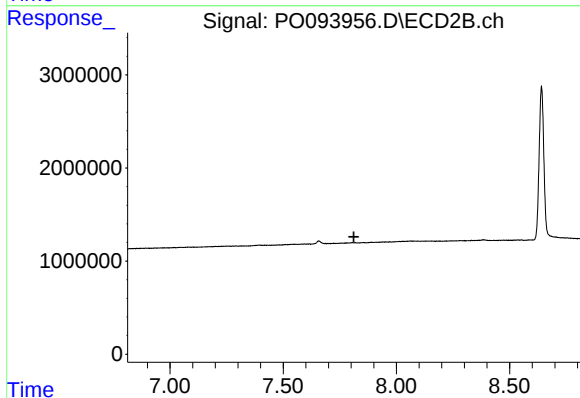
R.T.: 7.657 min
Delta R.T.: 0.053 min
Response: 499950
Conc: 3.68 ng/ml



#43 AR-1268-3

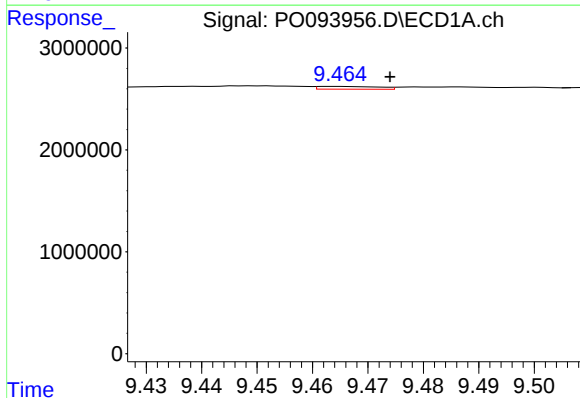
R.T.: 9.041 min
Delta R.T.: 0.003 min
Response: 80935
Conc: 0.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



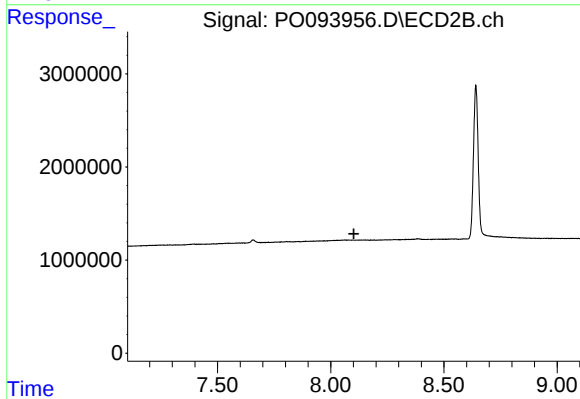
#43 AR-1268-3

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



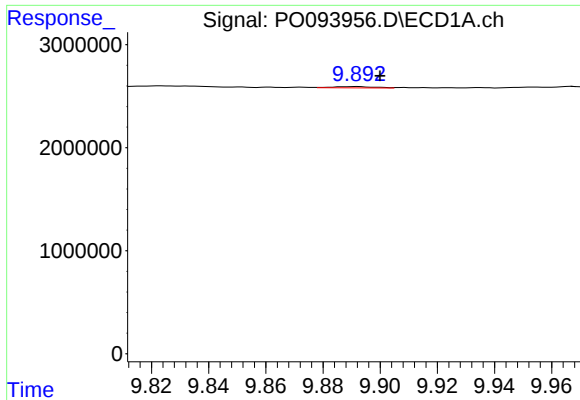
#44 AR-1268-4

R.T.: 9.464 min
Delta R.T.: -0.010 min
Response: 207344
Conc: 2.14 ng/ml



#44 AR-1268-4

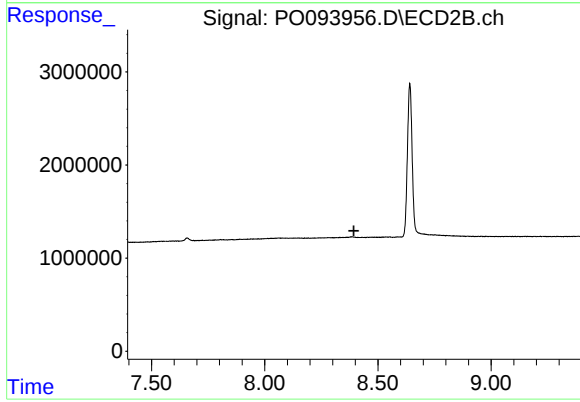
R.T.: 0.000 min
Exp R.T. : 8.102 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.892 min
Delta R.T.: -0.008 min
Response: 123889
Conc: 0.15 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.