

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0040623\
 Data File : P0093889.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Apr 2023 00:28
 Operator : YP/AJ
 Sample : 02218-02 10X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 07 04:55:13 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\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...	4.420	3.625	6189381	1987040	1.656	1.560
2)	SA Decachlor...	10.244	8.645	4620112	1792872	2.065	1.793
Target Compounds							
3)	L1 AR-1016-1	5.594	0.000	768862	0	7.518	N.D. #
4)	L1 AR-1016-2	5.638	0.000	700444	0	4.494	N.D. #
5)	L1 AR-1016-3	5.671	4.947f	312223	285989	3.166	10.090 #
6)	L1 AR-1016-4	5.774	4.947	131591	285989	1.790	10.831 #
7)	L1 AR-1016-5	6.076	5.158	4428899	706443	52.312	21.590 #
8)	L2 AR-1221-1	4.604	0.000	7638612	0	165.626	N.D. #
9)	L2 AR-1221-2	4.727	3.928	629179	2585760	18.329	219.087 #
10)	L2 AR-1221-3	4.789	0.000	350366	0	3.345	N.D. #
11)	L3 AR-1232-1	4.789	0.000	350366	0	4.014	N.D. #
12)	L3 AR-1232-2	5.331	0.000	585126	0	13.682	N.D. #
13)	L3 AR-1232-3	5.638	4.947f	700444	285989	9.536	21.684 #
14)	L3 AR-1232-4	5.774	4.987	131591	112540	3.823	7.919 #
15)	L3 AR-1232-5	5.873	5.158	1927131	706443	60.673	45.729
16)	L4 AR-1242-1	5.594	0.000	768862	0	8.809	N.D. #
17)	L4 AR-1242-2	5.638	0.000	700444	0	5.268	N.D. #
18)	L4 AR-1242-3	5.671	4.947f	312223	285989	3.678	11.801 #
19)	L4 AR-1242-4	5.774	4.987	131591	112540	2.106	4.009 #
20)	L4 AR-1242-5	6.529	5.511	4843591	989125	71.938	34.693 #
21)	L5 AR-1248-1	5.594	0.000	768862	0	11.427	N.D. #
22)	L5 AR-1248-2	5.873	4.947	1927131	285989	17.618	7.180 #
23)	L5 AR-1248-3	6.076	4.987	4428899	112540	36.687	2.696 #
24)	L5 AR-1248-4	6.485	5.158	3576638	706443	33.303	15.023 #
25)	L5 AR-1248-5	6.529	5.511f	4843591	989125	41.746	26.494 #
26)	L6 AR-1254-1	6.459	5.511	6382781	989125	47.061	14.471 #
27)	L6 AR-1254-2	6.679	5.659	7239231	918910	37.034	15.088 #
28)	L6 AR-1254-3	7.048	6.062	5475156	914208	29.637	10.037 #
29)	L6 AR-1254-4	7.337	6.293	1838403	813407	18.128	19.096
30)	L6 AR-1254-5	7.760	6.712	4552819	1223195	33.574	16.953 #
31)	L7 AR-1260-1	7.216	6.194	1557329	921142	10.669	14.126 #
32)	L7 AR-1260-2	7.475	6.383	2445833	729555	15.281	10.046 #
33)	L7 AR-1260-3	7.835	6.536	1663591	941854	12.529	12.978
34)	L7 AR-1260-4	8.051	0.000	1252885	0	9.096	N.D. #
35)	L7 AR-1260-5	8.390	0.000	1078402	0	4.952	N.D. #
36)	L8 AR-1262-1	7.835	0.000	1663591	0	9.739	N.D. #
37)	L8 AR-1262-2	8.390	0.000	1078402	0	4.639	N.D. #
38)	L8 AR-1262-3	8.708	0.000	99358	0	0.607	N.D. #
39)	L8 AR-1262-4	8.807	7.661f	95244	645106	0.951	7.779 #
40)	L8 AR-1262-5	9.456	0.000	225247	0	2.799	N.D. #
41)	L9 AR-1268-1	8.708	0.000	99358	0	0.295	N.D. #

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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	8.807	7.661f	95244	645106	0.296	4.748 #
43) L9	AR-1268-3	9.048	0.000	1219625	0	4.301	N.D. #
44) L9	AR-1268-4	9.456	0.000	225247	0	2.330	N.D. #

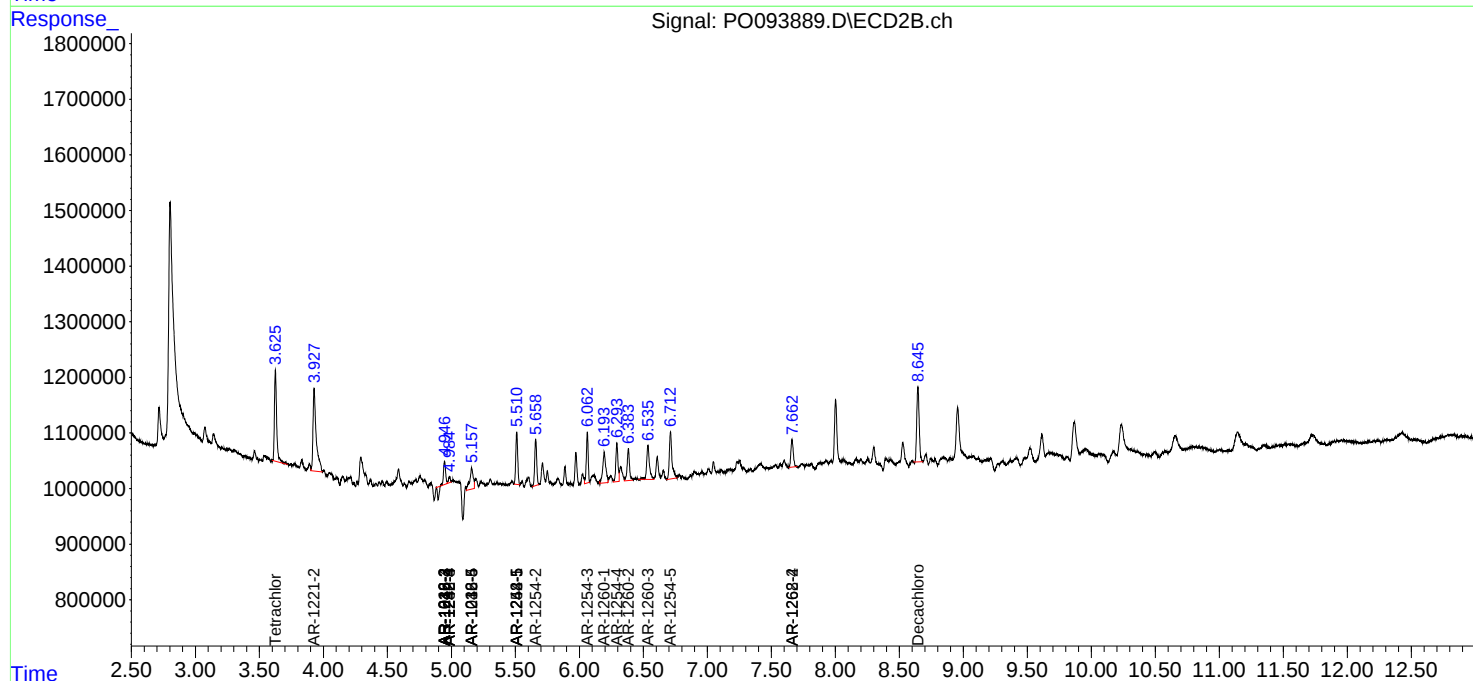
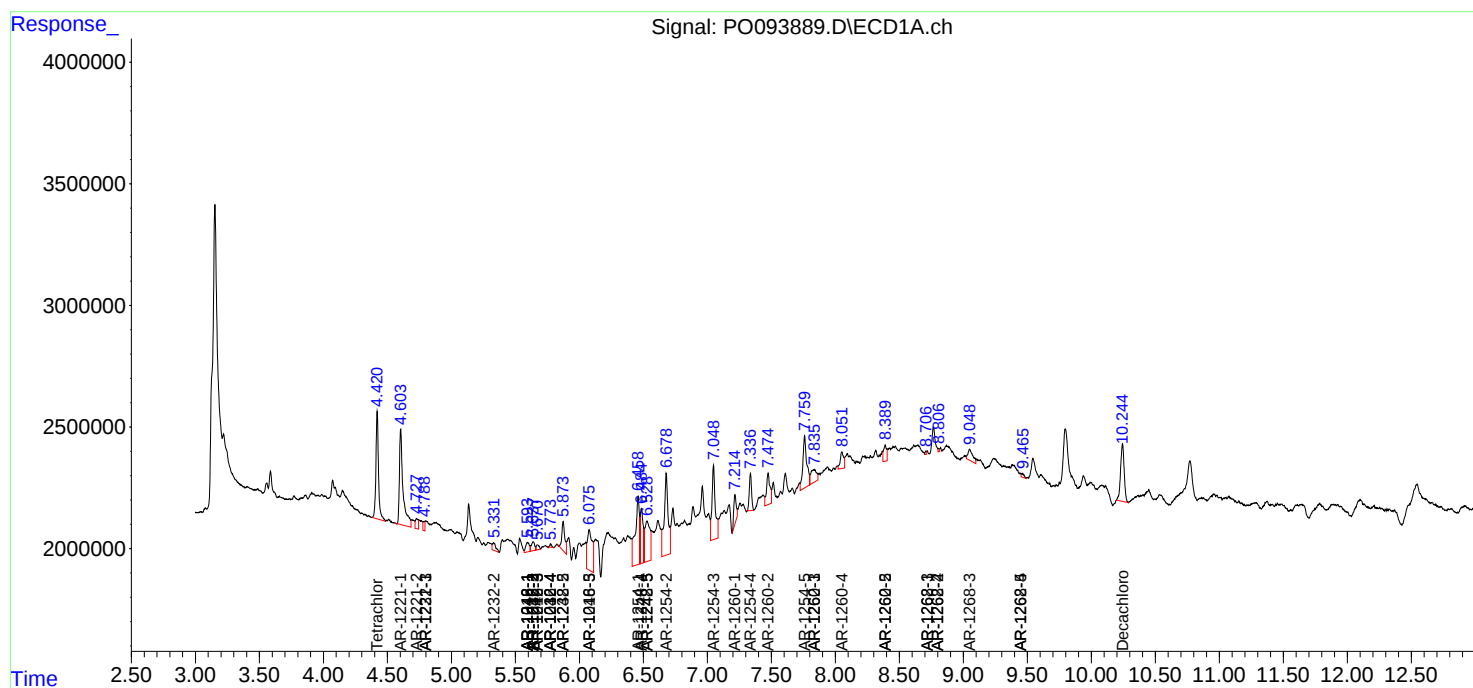
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

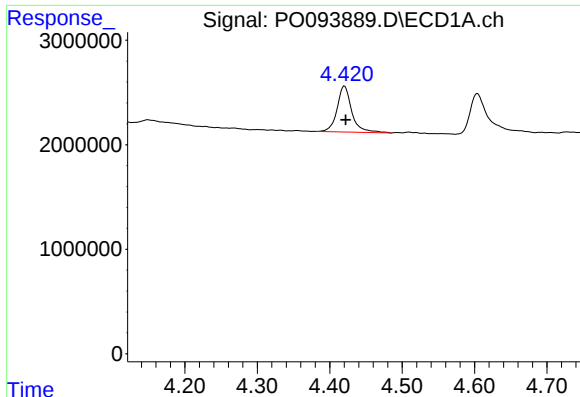
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

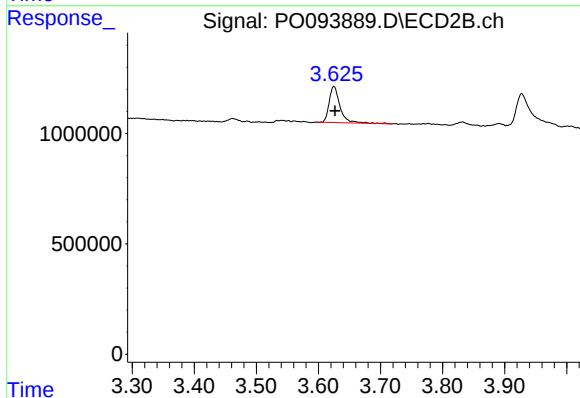




#1 Tetrachloro-m-xylene

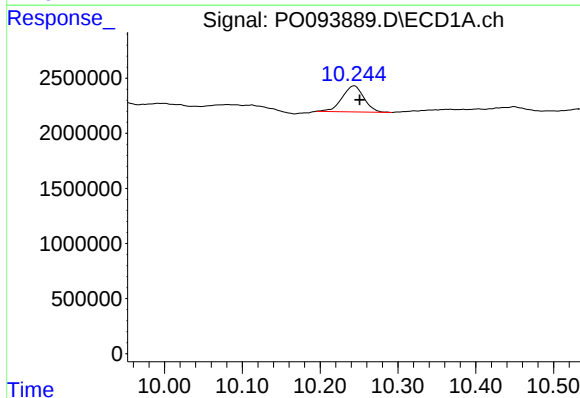
R.T.: 4.420 min
Delta R.T.: -0.002 min
Response: 6189381
Conc: 1.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



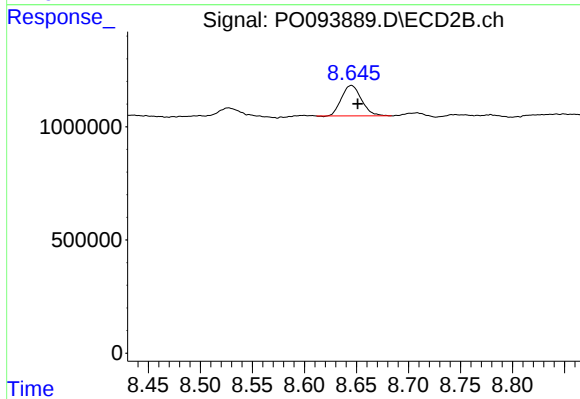
#1 Tetrachloro-m-xylene

R.T.: 3.625 min
Delta R.T.: -0.002 min
Response: 1987040
Conc: 1.56 ng/ml



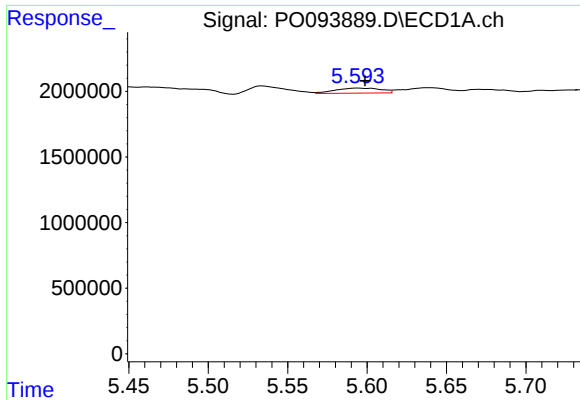
#2 Decachlorobiphenyl

R.T.: 10.244 min
Delta R.T.: -0.007 min
Response: 4620112
Conc: 2.07 ng/ml



#2 Decachlorobiphenyl

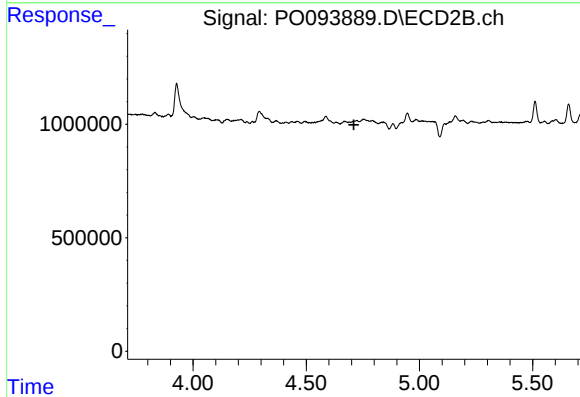
R.T.: 8.645 min
Delta R.T.: -0.006 min
Response: 1792872
Conc: 1.79 ng/ml



#3 AR-1016-1

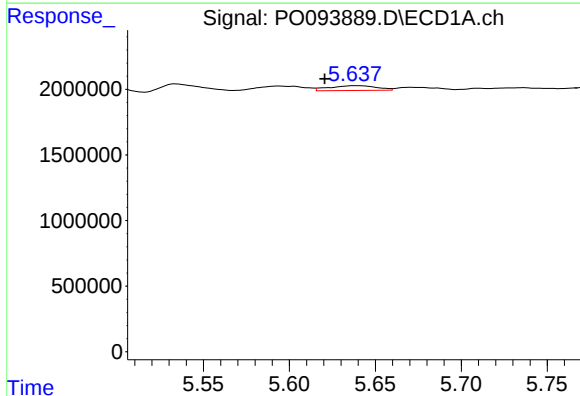
R.T.: 5.594 min
Delta R.T.: -0.005 min
Response: 768862
Conc: 7.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



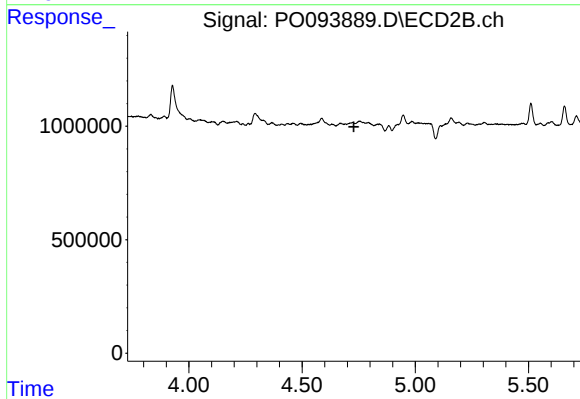
#3 AR-1016-1

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



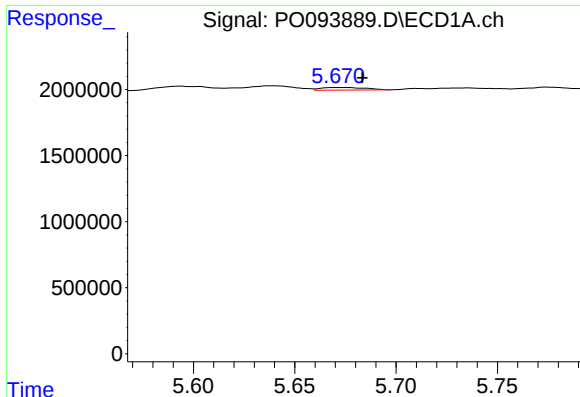
#4 AR-1016-2

R.T.: 5.638 min
Delta R.T.: 0.018 min
Response: 700444
Conc: 4.49 ng/ml



#4 AR-1016-2

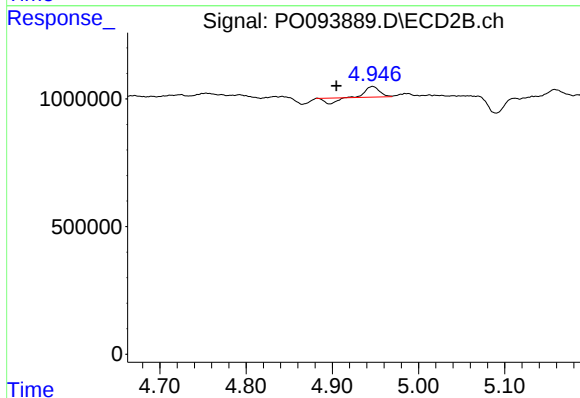
R.T.: 0.000 min
Exp R.T. : 4.729 min
Response: 0
Conc: N.D.



#5 AR-1016-3

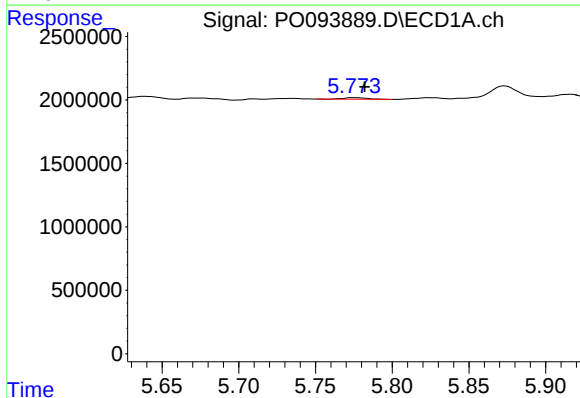
R.T.: 5.671 min
Delta R.T.: -0.012 min
Response: 312223
Conc: 3.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



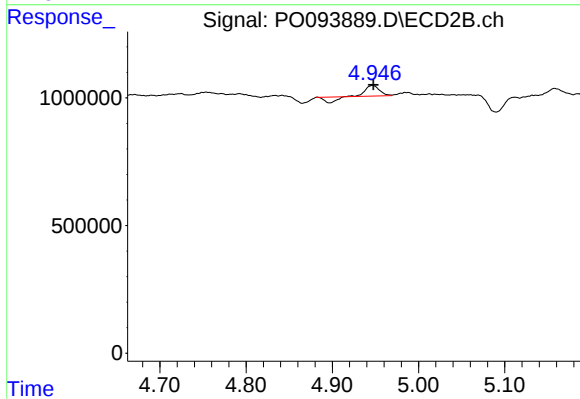
#5 AR-1016-3

R.T.: 4.947 min
Delta R.T.: 0.042 min
Response: 285989
Conc: 10.09 ng/ml



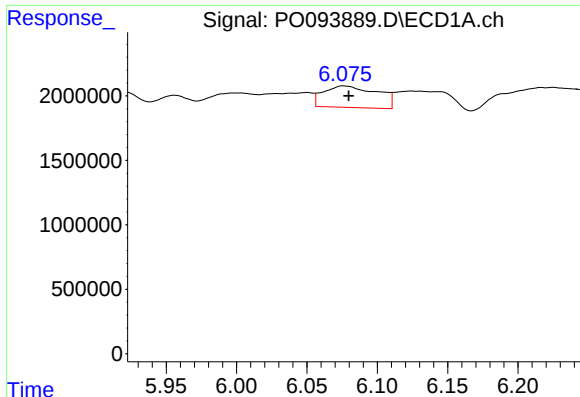
#6 AR-1016-4

R.T.: 5.774 min
Delta R.T.: -0.008 min
Response: 131591
Conc: 1.79 ng/ml



#6 AR-1016-4

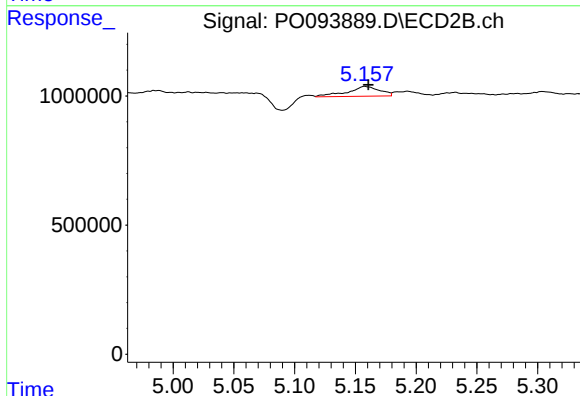
R.T.: 4.947 min
Delta R.T.: 0.000 min
Response: 285989
Conc: 10.83 ng/ml



#7 AR-1016-5

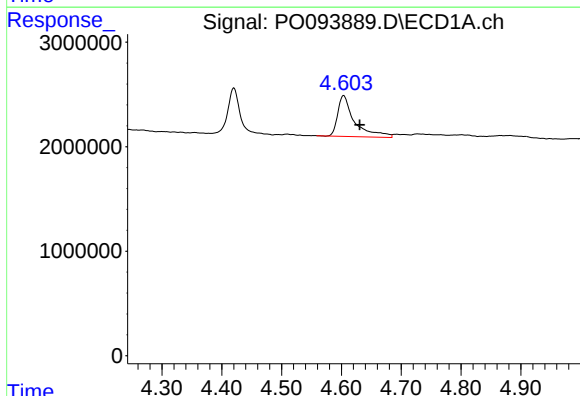
R.T.: 6.076 min
Delta R.T.: -0.004 min
Response: 4428899
Conc: 52.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



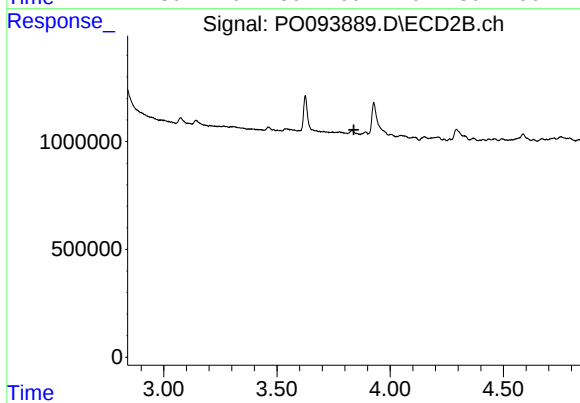
#7 AR-1016-5

R.T.: 5.158 min
Delta R.T.: -0.003 min
Response: 706443
Conc: 21.59 ng/ml



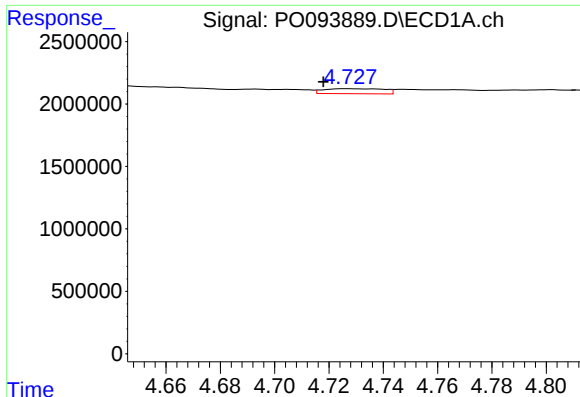
#8 AR-1221-1

R.T.: 4.604 min
Delta R.T.: -0.027 min
Response: 7638612
Conc: 165.63 ng/ml



#8 AR-1221-1

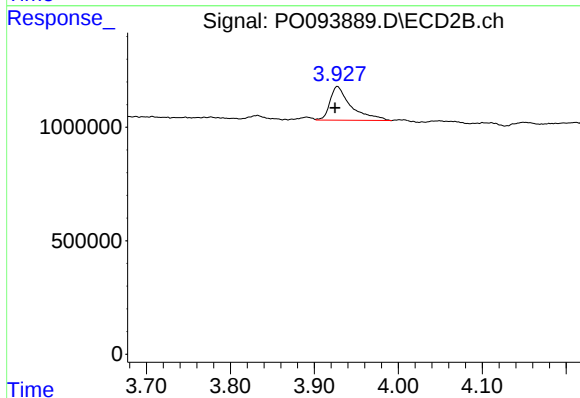
R.T.: 0.000 min
Exp R.T. : 3.840 min
Response: 0
Conc: N.D.



#9 AR-1221-2

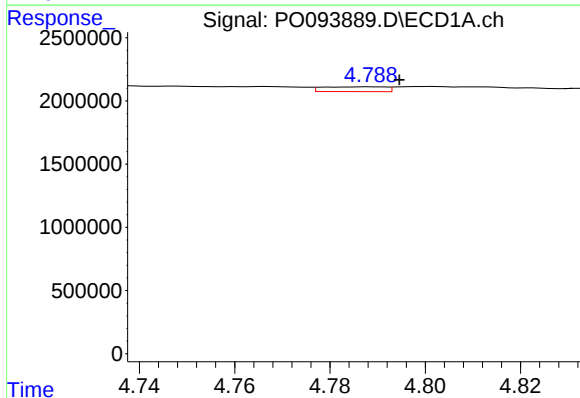
R.T.: 4.727 min
Delta R.T.: 0.009 min
Response: 629179
Conc: 18.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



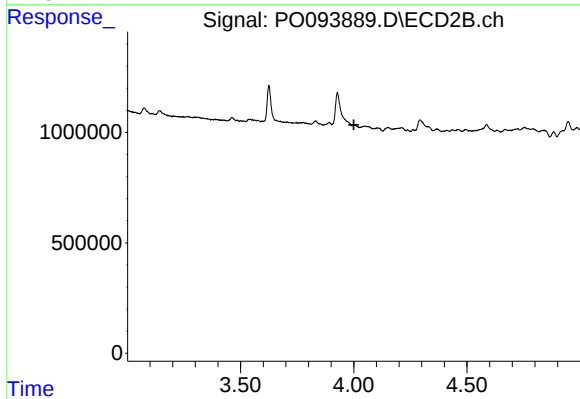
#9 AR-1221-2

R.T.: 3.928 min
Delta R.T.: 0.003 min
Response: 2585760
Conc: 219.09 ng/ml



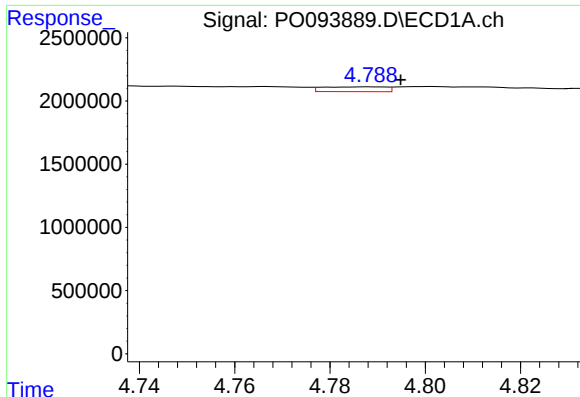
#10 AR-1221-3

R.T.: 4.789 min
Delta R.T.: -0.006 min
Response: 350366
Conc: 3.35 ng/ml



#10 AR-1221-3

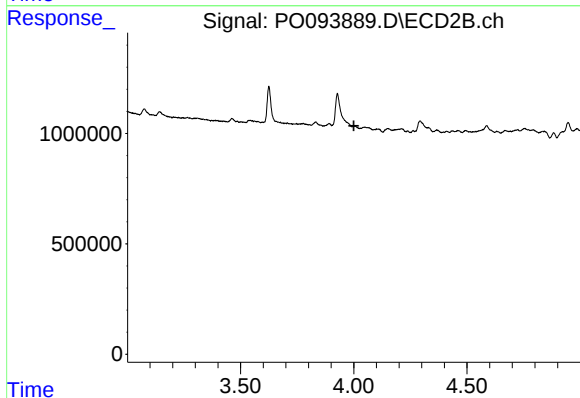
R.T.: 0.000 min
Exp R.T. : 4.000 min
Response: 0
Conc: N.D.



#11 AR-1232-1

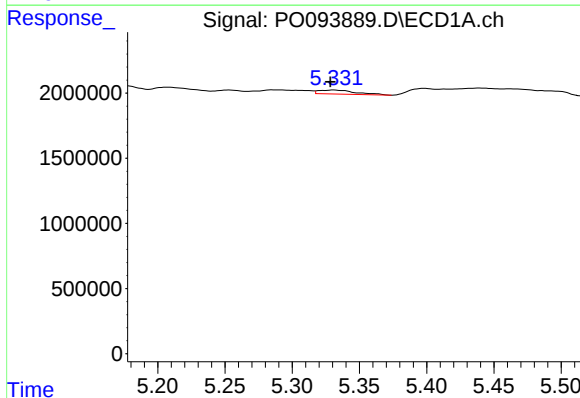
R.T.: 4.789 min
Delta R.T.: -0.006 min
Response: 350366
Conc: 4.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



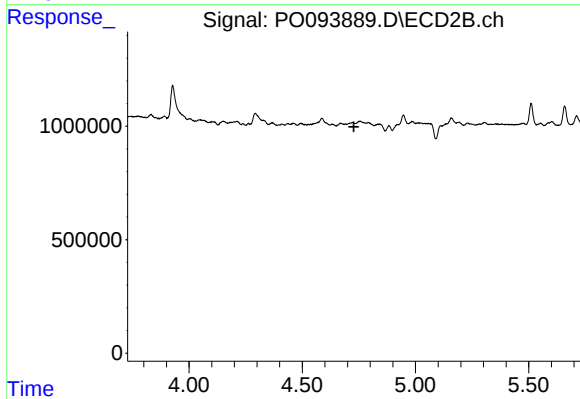
#11 AR-1232-1

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



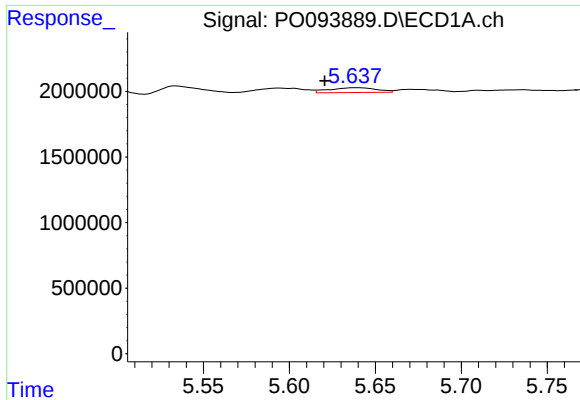
#12 AR-1232-2

R.T.: 5.331 min
Delta R.T.: 0.003 min
Response: 585126
Conc: 13.68 ng/ml



#12 AR-1232-2

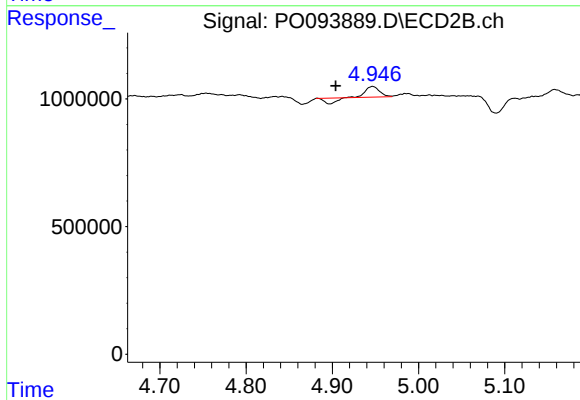
R.T.: 0.000 min
Exp R.T. : 4.728 min
Response: 0
Conc: N.D.



#13 AR-1232-3

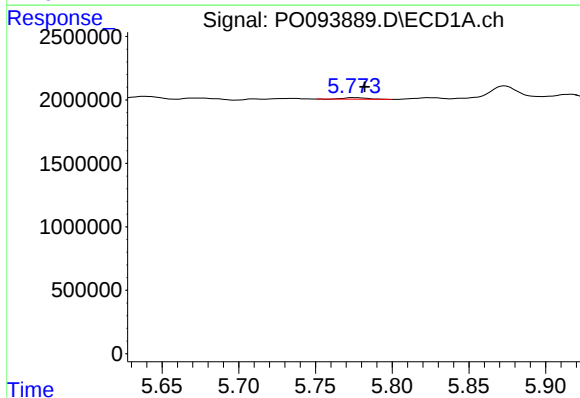
R.T.: 5.638 min
Delta R.T.: 0.018 min
Response: 700444
Conc: 9.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



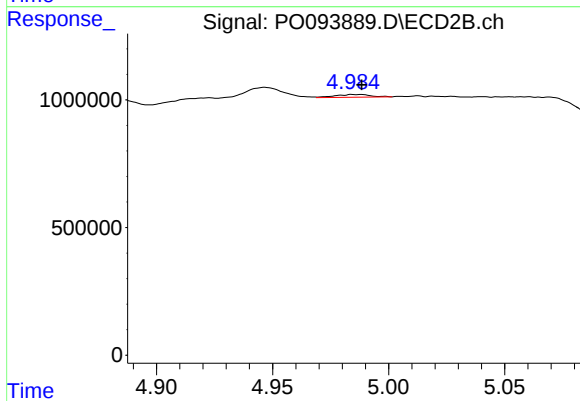
#13 AR-1232-3

R.T.: 4.947 min
Delta R.T.: 0.043 min
Response: 285989
Conc: 21.68 ng/ml



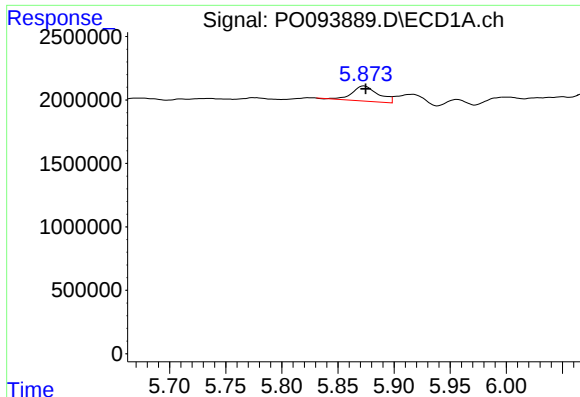
#14 AR-1232-4

R.T.: 5.774 min
Delta R.T.: -0.008 min
Response: 131591
Conc: 3.82 ng/ml



#14 AR-1232-4

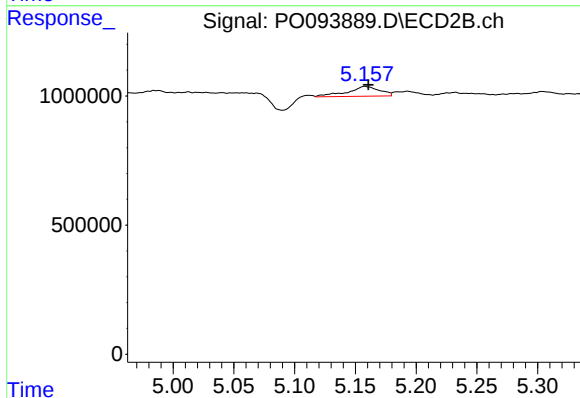
R.T.: 4.987 min
Delta R.T.: -0.001 min
Response: 112540
Conc: 7.92 ng/ml



#15 AR-1232-5

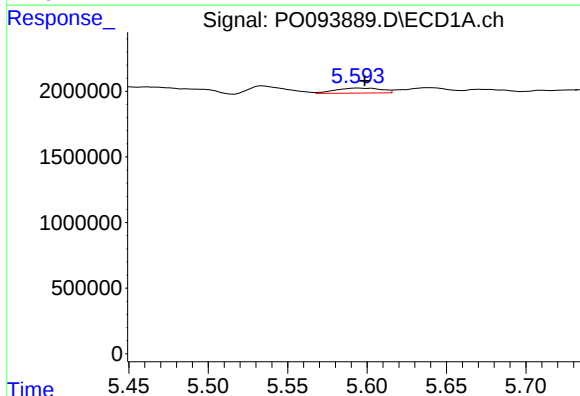
R.T.: 5.873 min
Delta R.T.: -0.002 min
Response: 1927131
Conc: 60.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



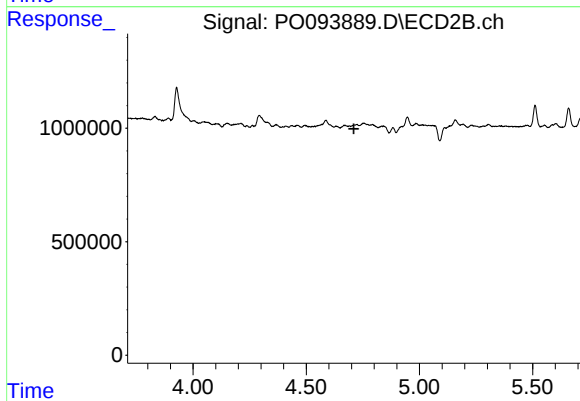
#15 AR-1232-5

R.T.: 5.158 min
Delta R.T.: -0.003 min
Response: 706443
Conc: 45.73 ng/ml



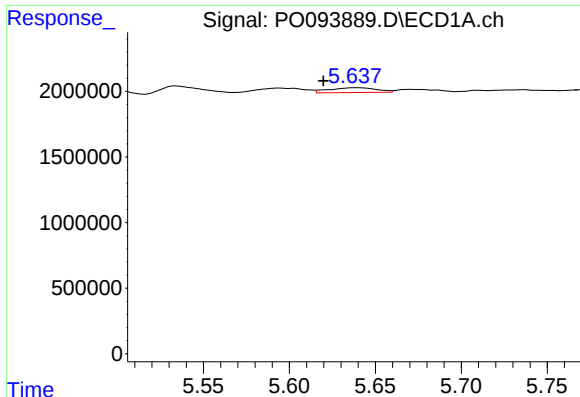
#16 AR-1242-1

R.T.: 5.594 min
Delta R.T.: -0.005 min
Response: 768862
Conc: 8.81 ng/ml



#16 AR-1242-1

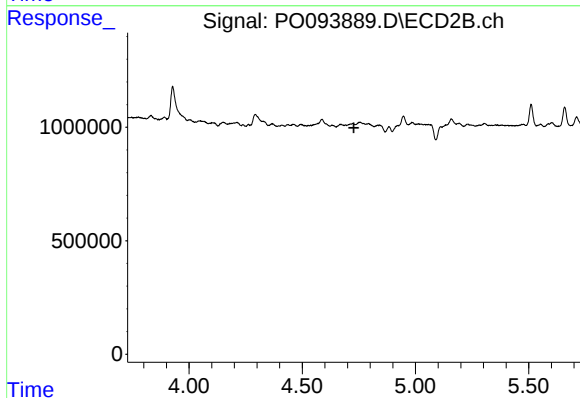
R.T.: 0.000 min
Exp R.T.: 4.710 min
Response: 0
Conc: N.D.



#17 AR-1242-2

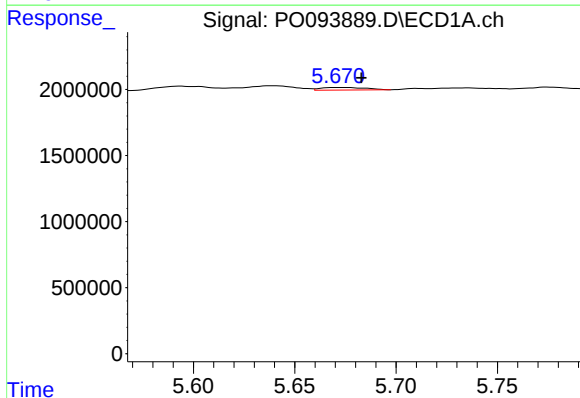
R.T.: 5.638 min
Delta R.T.: 0.019 min
Response: 700444
Conc: 5.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



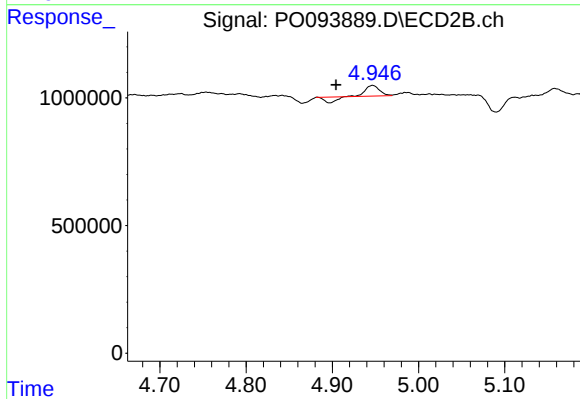
#17 AR-1242-2

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



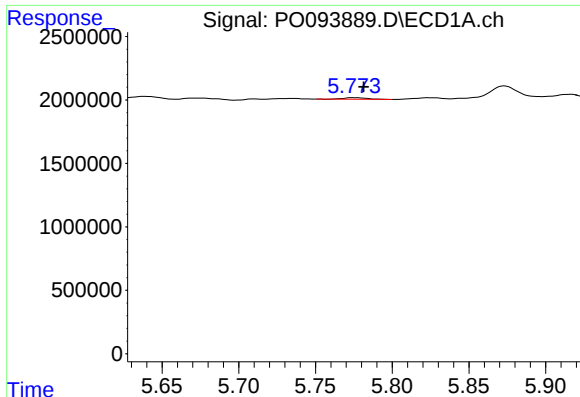
#18 AR-1242-3

R.T.: 5.671 min
Delta R.T.: -0.012 min
Response: 312223
Conc: 3.68 ng/ml



#18 AR-1242-3

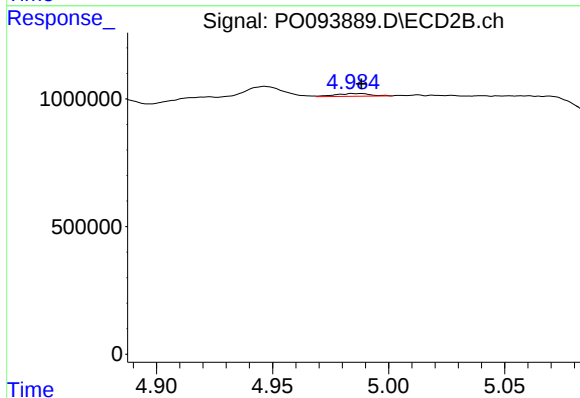
R.T.: 4.947 min
Delta R.T.: 0.042 min
Response: 285989
Conc: 11.80 ng/ml



#19 AR-1242-4

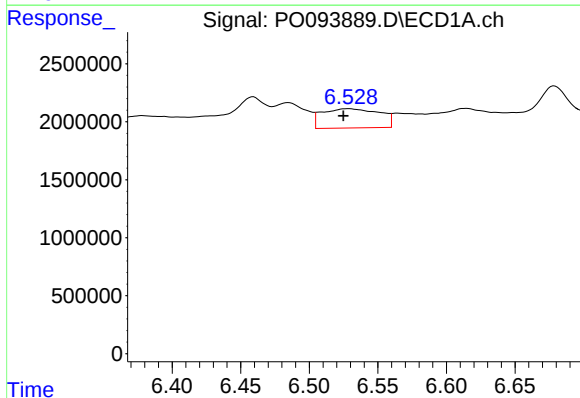
R.T.: 5.774 min
Delta R.T.: -0.007 min
Response: 131591
Conc: 2.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



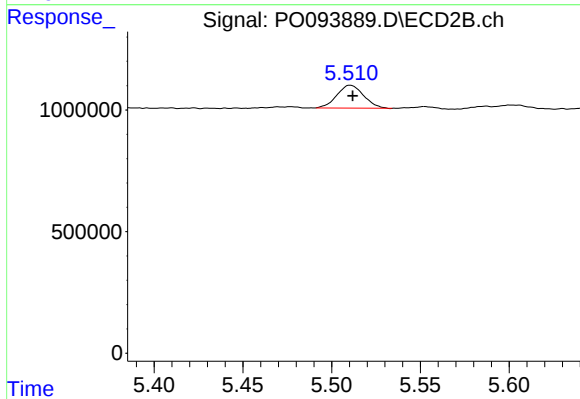
#19 AR-1242-4

R.T.: 4.987 min
Delta R.T.: -0.001 min
Response: 112540
Conc: 4.01 ng/ml



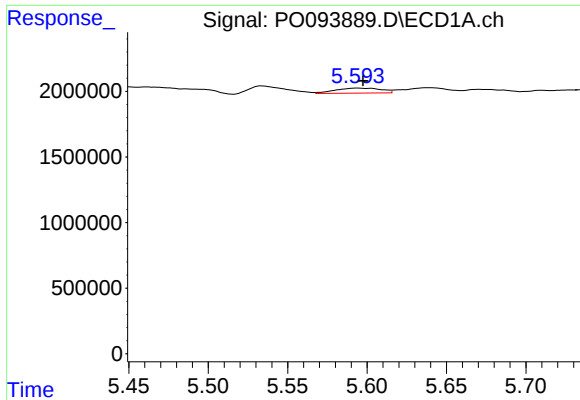
#20 AR-1242-5

R.T.: 6.529 min
Delta R.T.: 0.004 min
Response: 4843591
Conc: 71.94 ng/ml



#20 AR-1242-5

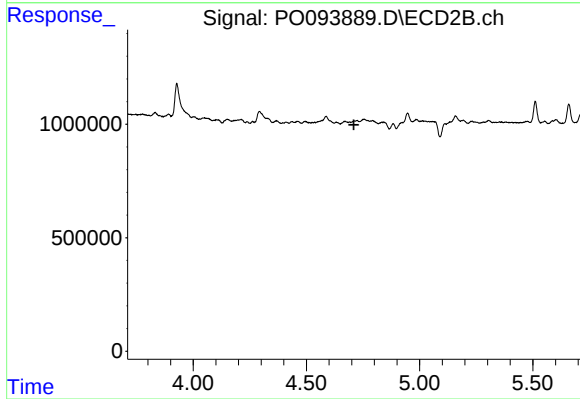
R.T.: 5.511 min
Delta R.T.: -0.001 min
Response: 989125
Conc: 34.69 ng/ml



#21 AR-1248-1

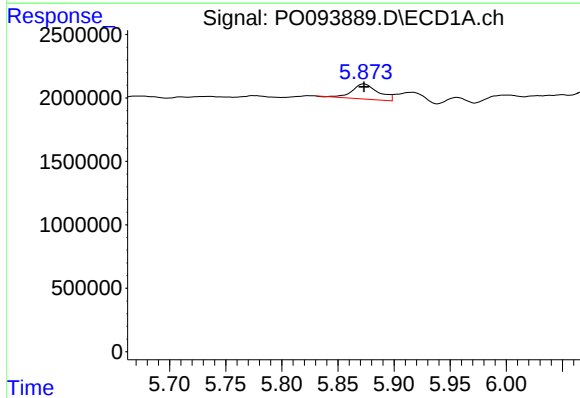
R.T.: 5.594 min
Delta R.T.: -0.004 min
Response: 768862
Conc: 11.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



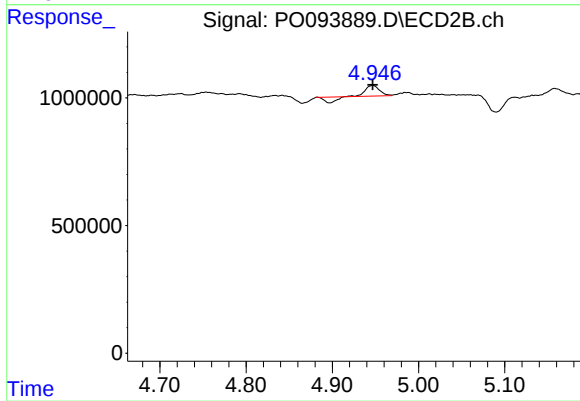
#21 AR-1248-1

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



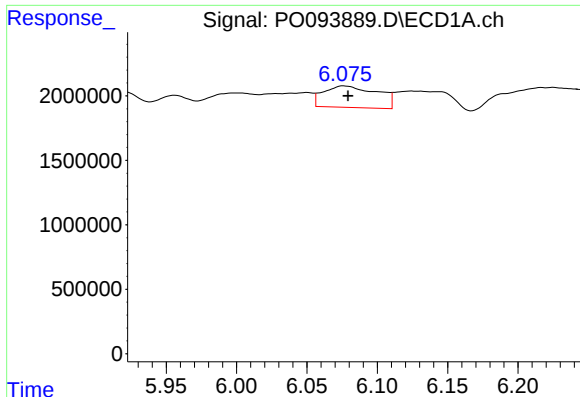
#22 AR-1248-2

R.T.: 5.873 min
Delta R.T.: 0.000 min
Response: 1927131
Conc: 17.62 ng/ml



#22 AR-1248-2

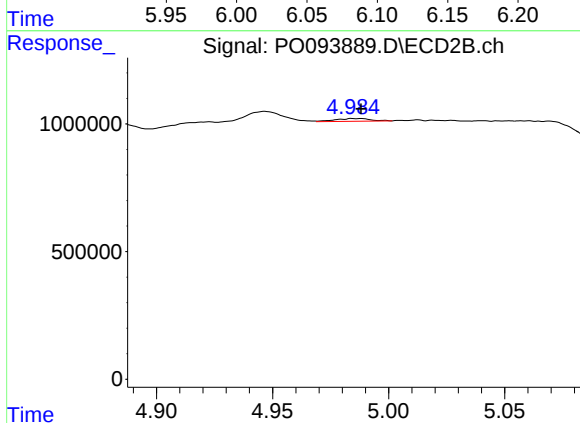
R.T.: 4.947 min
Delta R.T.: 0.000 min
Response: 285989
Conc: 7.18 ng/ml



#23 AR-1248-3

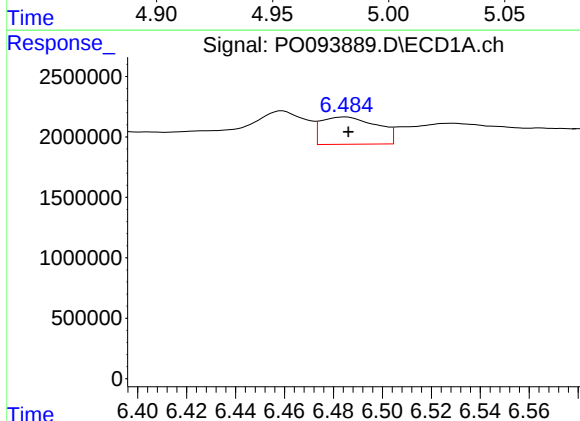
R.T.: 6.076 min
Delta R.T.: -0.003 min
Response: 4428899
Conc: 36.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



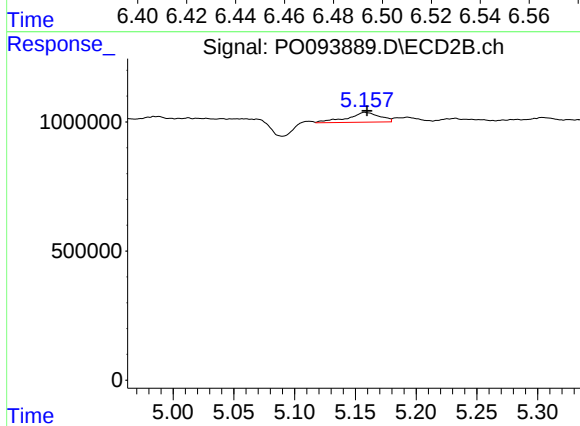
#23 AR-1248-3

R.T.: 4.987 min
Delta R.T.: 0.000 min
Response: 112540
Conc: 2.70 ng/ml



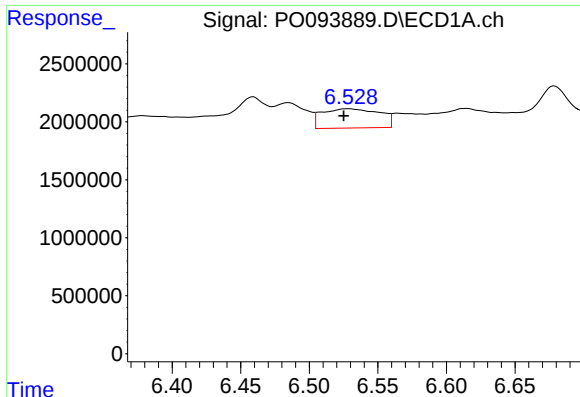
#24 AR-1248-4

R.T.: 6.485 min
Delta R.T.: -0.001 min
Response: 3576638
Conc: 33.30 ng/ml



#24 AR-1248-4

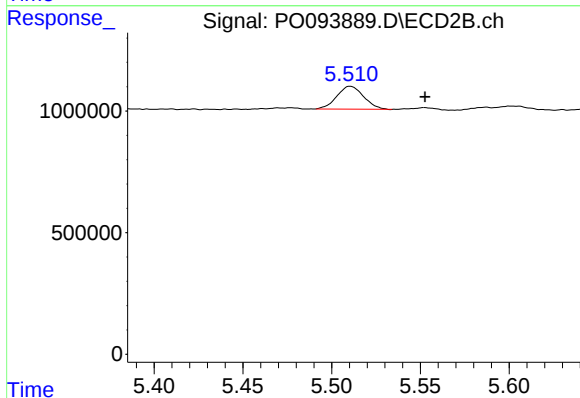
R.T.: 5.158 min
Delta R.T.: -0.002 min
Response: 706443
Conc: 15.02 ng/ml



#25 AR-1248-5

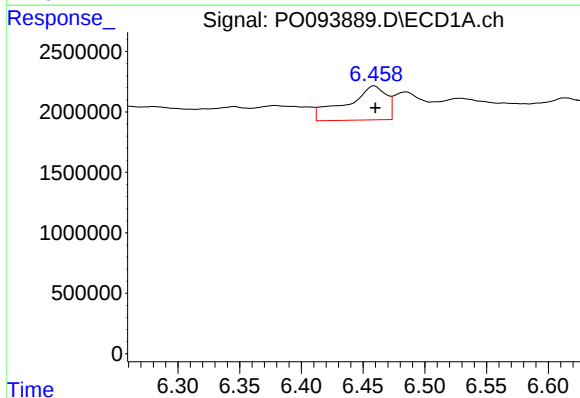
R.T.: 6.529 min
Delta R.T.: 0.004 min
Response: 4843591
Conc: 41.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



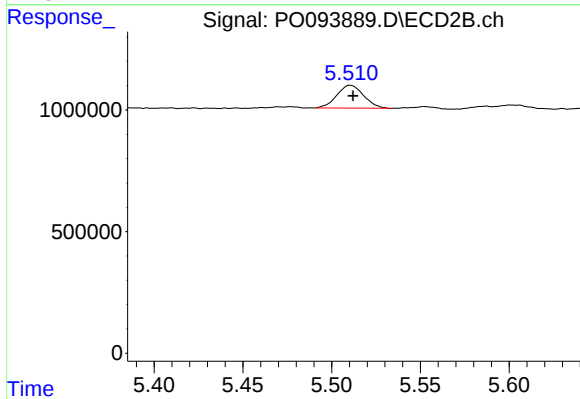
#25 AR-1248-5

R.T.: 5.511 min
Delta R.T.: -0.042 min
Response: 989125
Conc: 26.49 ng/ml



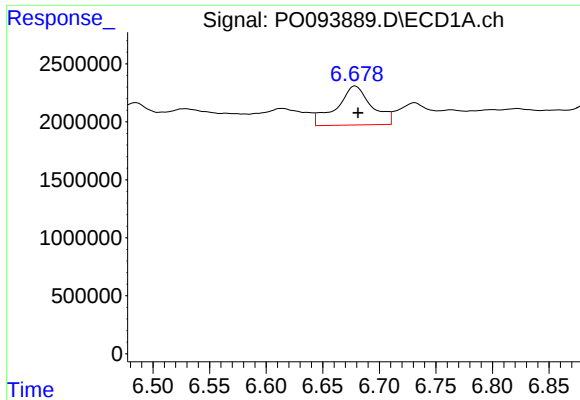
#26 AR-1254-1

R.T.: 6.459 min
Delta R.T.: 0.000 min
Response: 6382781
Conc: 47.06 ng/ml



#26 AR-1254-1

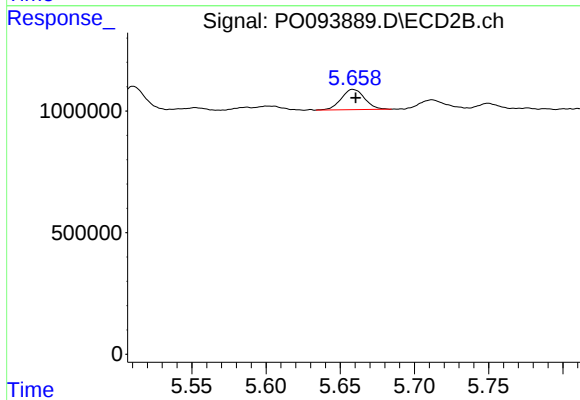
R.T.: 5.511 min
Delta R.T.: -0.001 min
Response: 989125
Conc: 14.47 ng/ml



#27 AR-1254-2

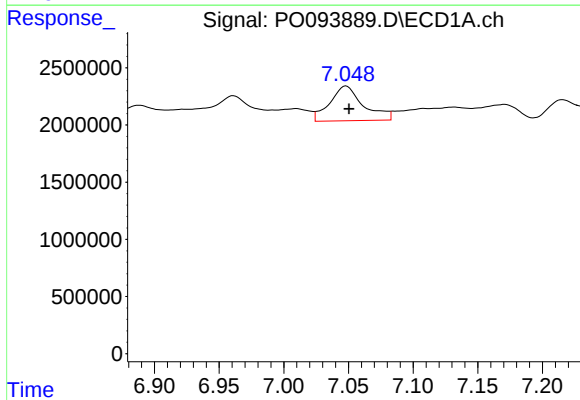
R.T.: 6.679 min
Delta R.T.: -0.003 min
Response: 7239231
Conc: 37.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



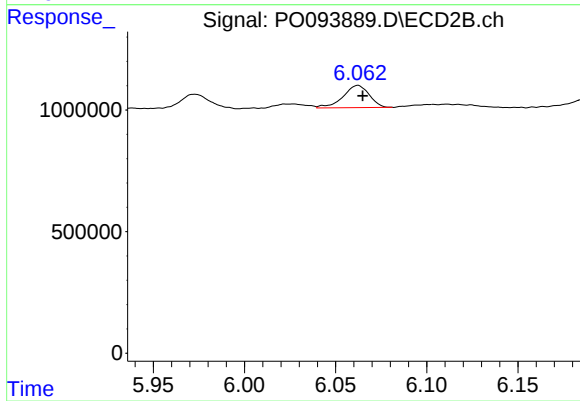
#27 AR-1254-2

R.T.: 5.659 min
Delta R.T.: -0.002 min
Response: 918910
Conc: 15.09 ng/ml



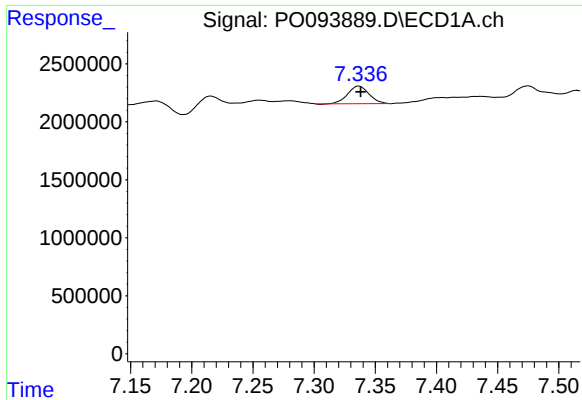
#28 AR-1254-3

R.T.: 7.048 min
Delta R.T.: -0.002 min
Response: 5475156
Conc: 29.64 ng/ml



#28 AR-1254-3

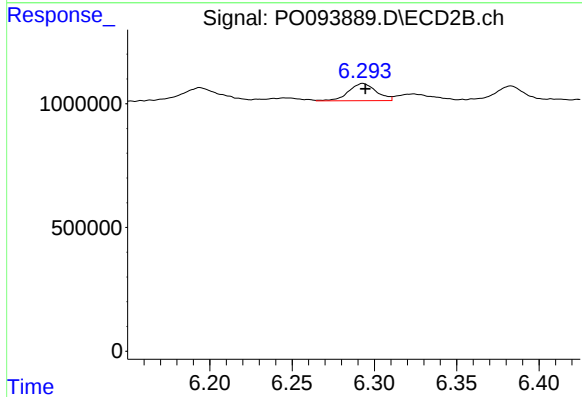
R.T.: 6.062 min
Delta R.T.: -0.003 min
Response: 914208
Conc: 10.04 ng/ml



#29 AR-1254-4

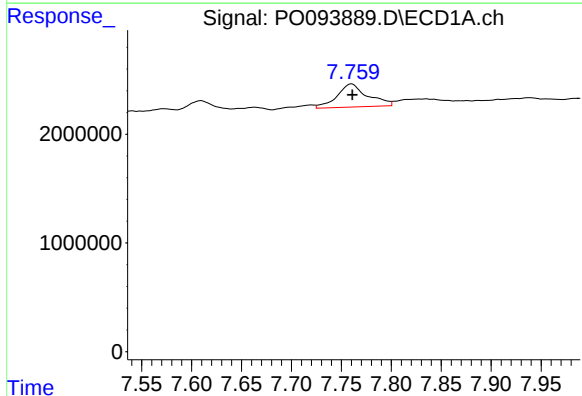
R.T.: 7.337 min
Delta R.T.: -0.001 min
Response: 1838403
Conc: 18.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



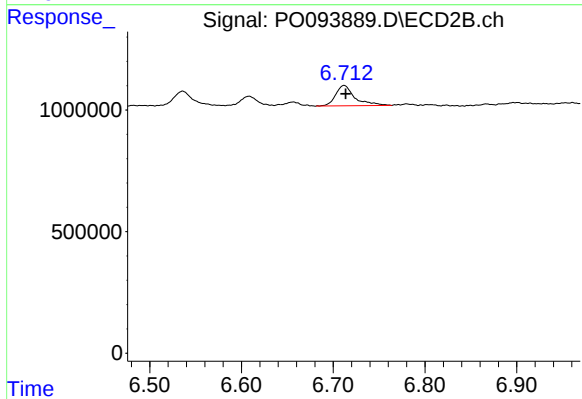
#29 AR-1254-4

R.T.: 6.293 min
Delta R.T.: -0.002 min
Response: 813407
Conc: 19.10 ng/ml



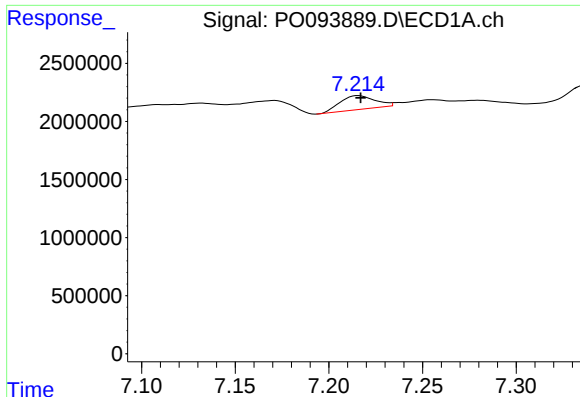
#30 AR-1254-5

R.T.: 7.760 min
Delta R.T.: -0.001 min
Response: 4552819
Conc: 33.57 ng/ml



#30 AR-1254-5

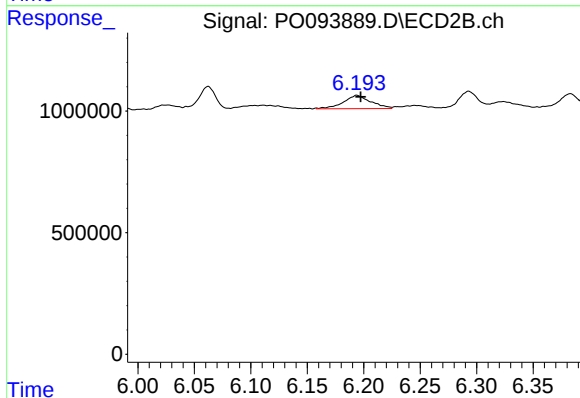
R.T.: 6.712 min
Delta R.T.: -0.002 min
Response: 1223195
Conc: 16.95 ng/ml



#31 AR-1260-1

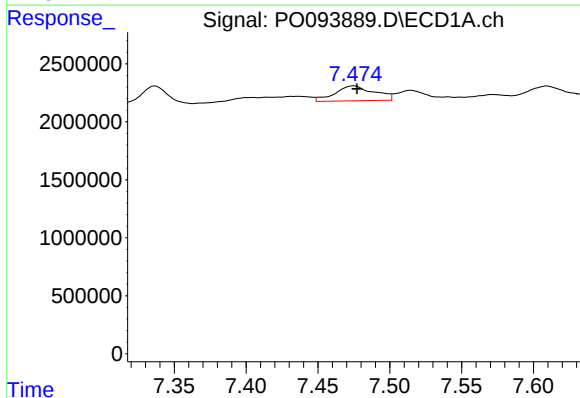
R.T.: 7.216 min
Delta R.T.: -0.001 min
Response: 1557329
Conc: 10.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



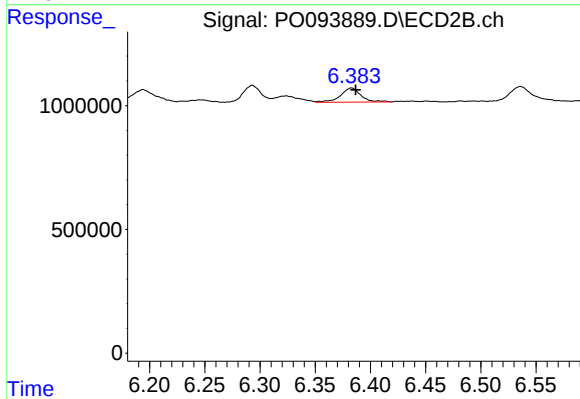
#31 AR-1260-1

R.T.: 6.194 min
Delta R.T.: -0.003 min
Response: 921142
Conc: 14.13 ng/ml



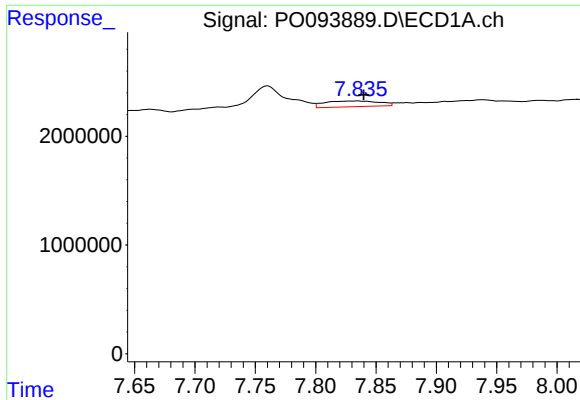
#32 AR-1260-2

R.T.: 7.475 min
Delta R.T.: -0.002 min
Response: 2445833
Conc: 15.28 ng/ml



#32 AR-1260-2

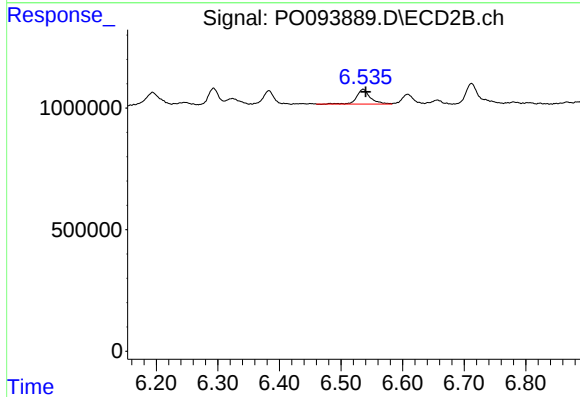
R.T.: 6.383 min
Delta R.T.: -0.004 min
Response: 729555
Conc: 10.05 ng/ml



#33 AR-1260-3

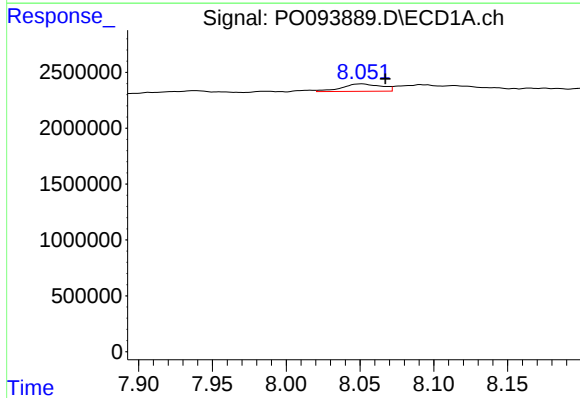
R.T.: 7.835 min
Delta R.T.: -0.004 min
Response: 1663591
Conc: 12.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



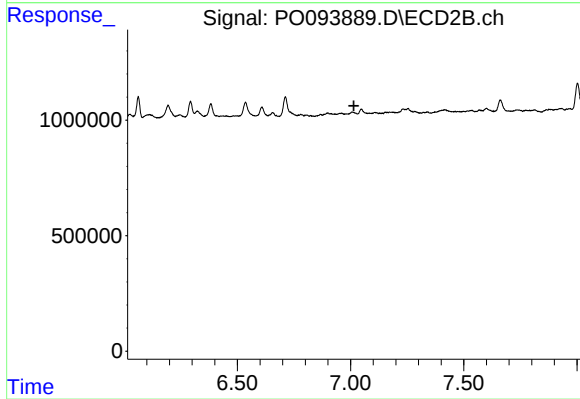
#33 AR-1260-3

R.T.: 6.536 min
Delta R.T.: -0.004 min
Response: 941854
Conc: 12.98 ng/ml



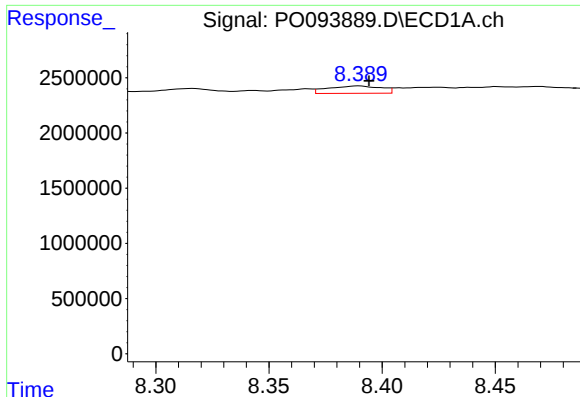
#34 AR-1260-4

R.T.: 8.051 min
Delta R.T.: -0.016 min
Response: 1252885
Conc: 9.10 ng/ml



#34 AR-1260-4

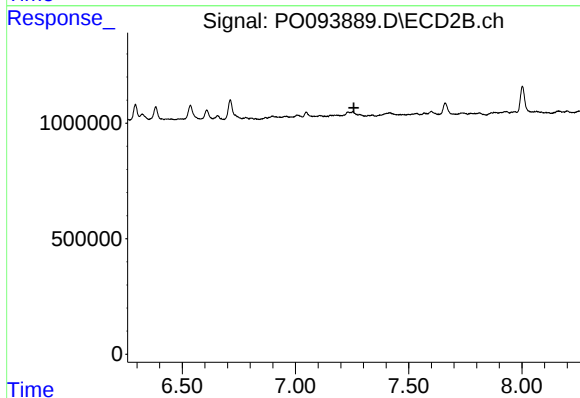
R.T.: 0.000 min
Exp R.T.: 7.014 min
Response: 0
Conc: N.D.



#35 AR-1260-5

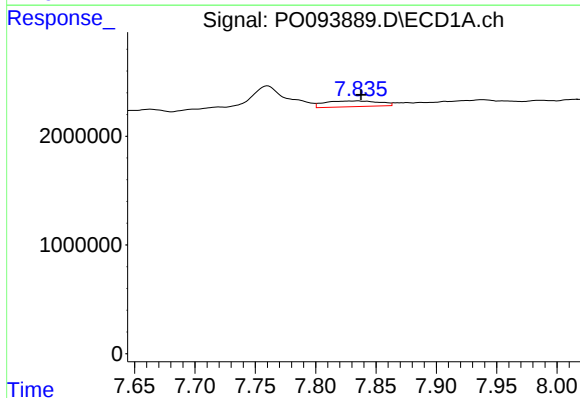
R.T.: 8.390 min
Delta R.T.: -0.004 min
Response: 1078402
Conc: 4.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



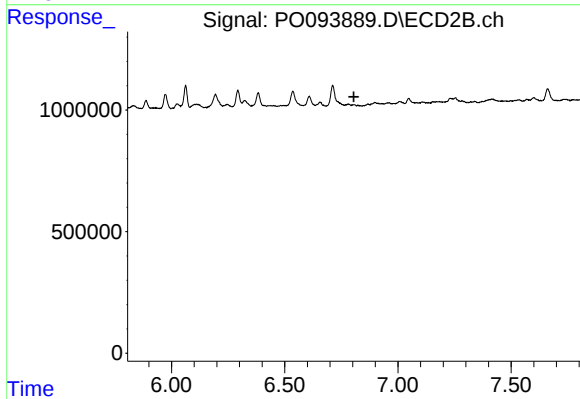
#35 AR-1260-5

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



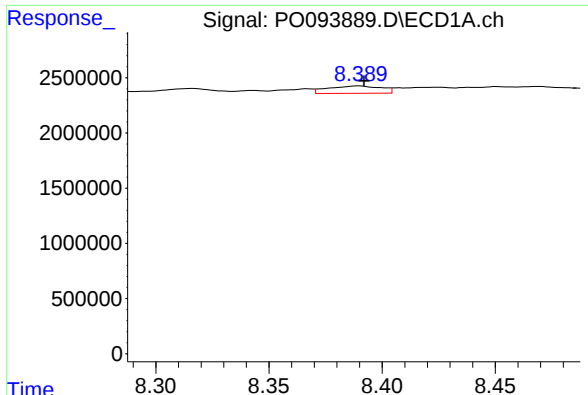
#36 AR-1262-1

R.T.: 7.835 min
Delta R.T.: -0.002 min
Response: 1663591
Conc: 9.74 ng/ml



#36 AR-1262-1

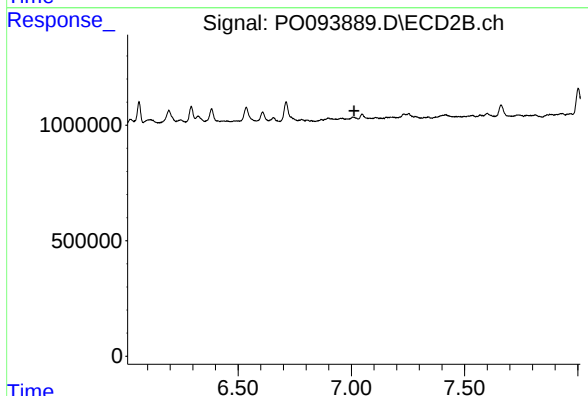
R.T.: 0.000 min
Exp R.T. : 6.805 min
Response: 0
Conc: N.D.



#37 AR-1262-2

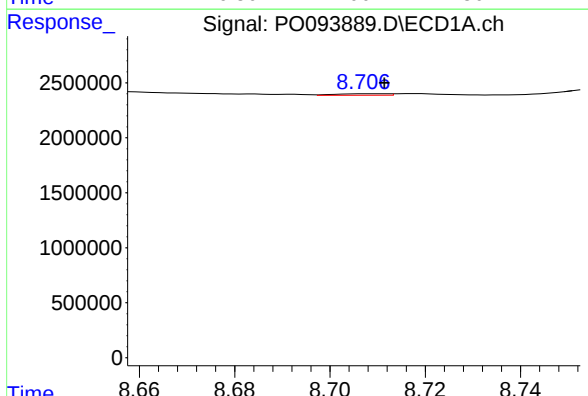
R.T.: 8.390 min
Delta R.T.: -0.002 min
Response: 1078402
Conc: 4.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



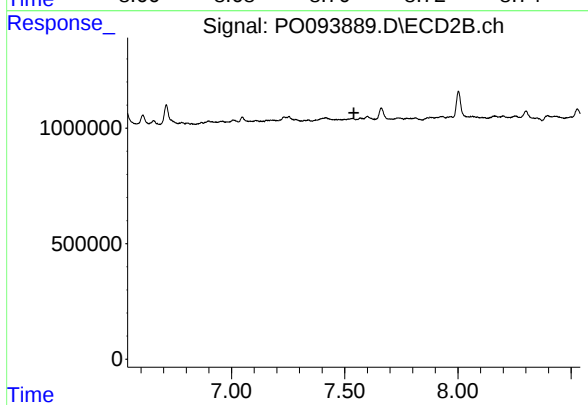
#37 AR-1262-2

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



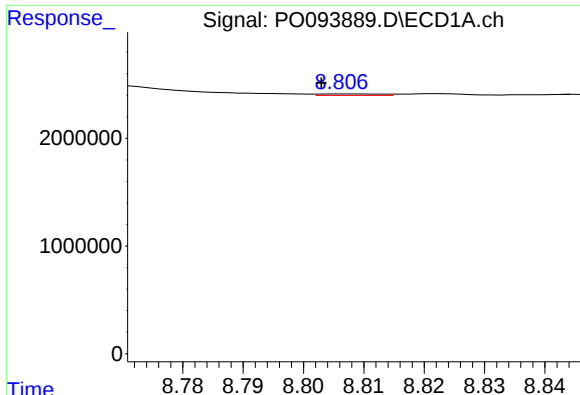
#38 AR-1262-3

R.T.: 8.708 min
Delta R.T.: -0.004 min
Response: 99358
Conc: 0.61 ng/ml



#38 AR-1262-3

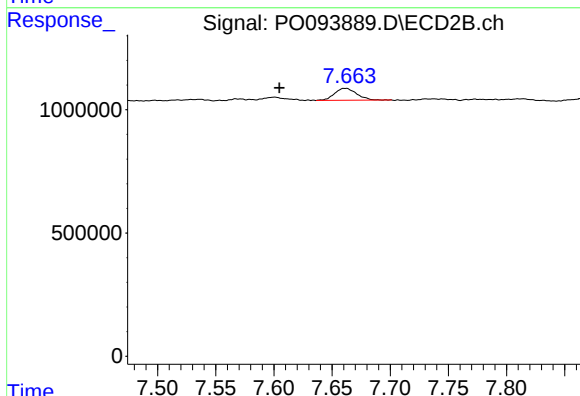
R.T.: 0.000 min
Exp R.T. : 7.541 min
Response: 0
Conc: N.D.



#39 AR-1262-4

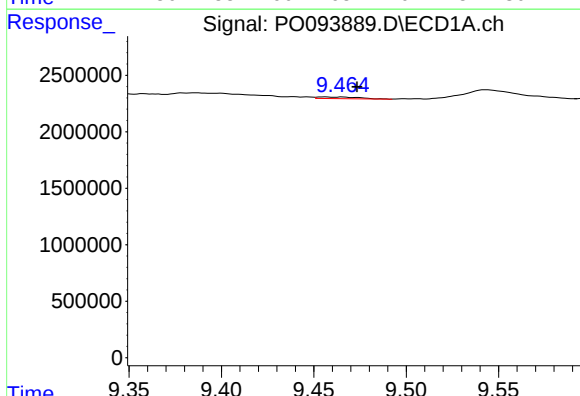
R.T.: 8.807 min
Delta R.T.: 0.004 min
Response: 95244
Conc: 0.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



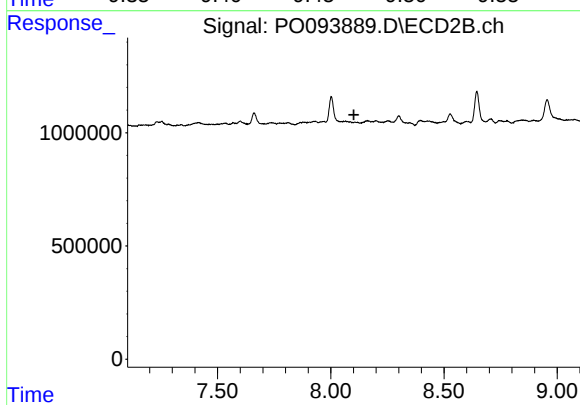
#39 AR-1262-4

R.T.: 7.661 min
Delta R.T.: 0.057 min
Response: 645106
Conc: 7.78 ng/ml



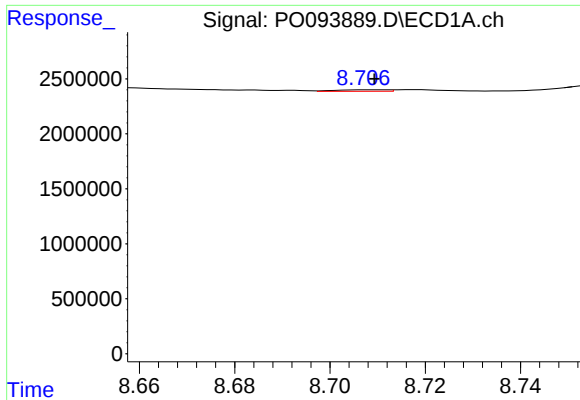
#40 AR-1262-5

R.T.: 9.456 min
Delta R.T.: -0.018 min
Response: 225247
Conc: 2.80 ng/ml



#40 AR-1262-5

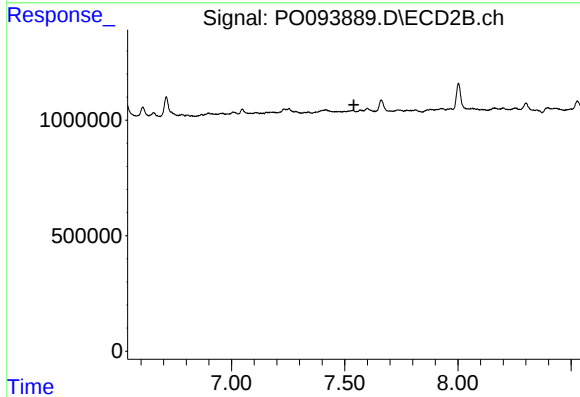
R.T.: 0.000 min
Exp R.T.: 8.102 min
Response: 0
Conc: N.D.



#41 AR-1268-1

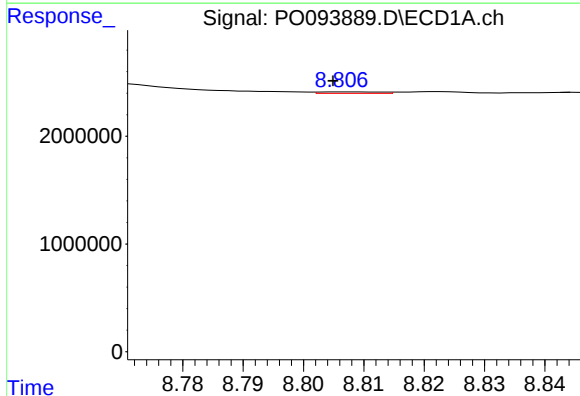
R.T.: 8.708 min
Delta R.T.: -0.002 min
Response: 99358
Conc: 0.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



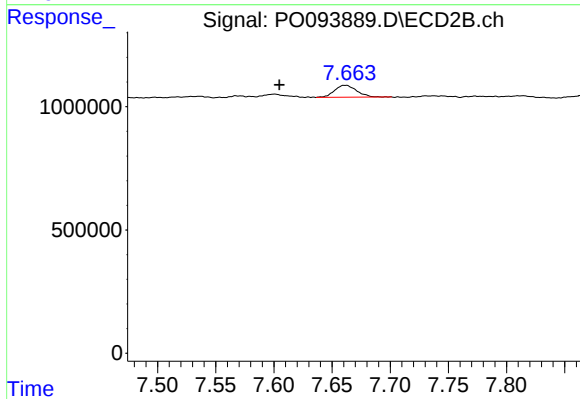
#41 AR-1268-1

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



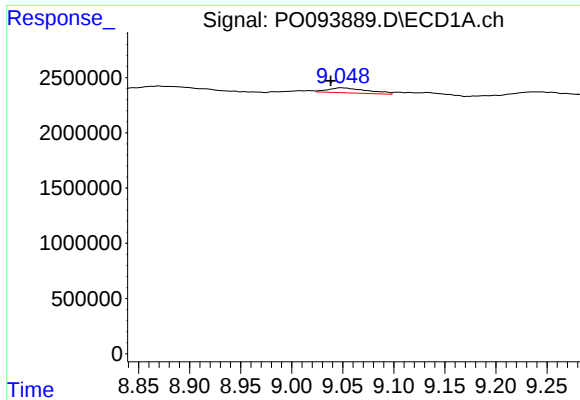
#42 AR-1268-2

R.T.: 8.807 min
Delta R.T.: 0.002 min
Response: 95244
Conc: 0.30 ng/ml



#42 AR-1268-2

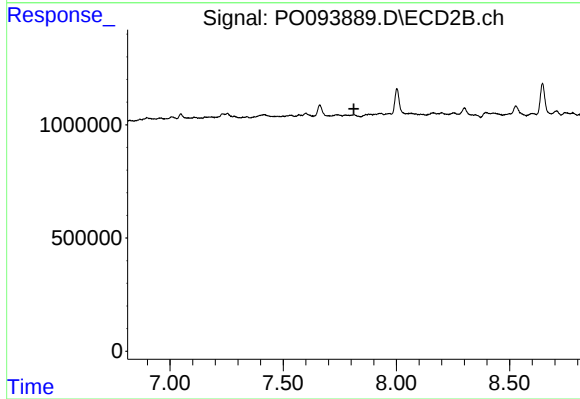
R.T.: 7.661 min
Delta R.T.: 0.057 min
Response: 645106
Conc: 4.75 ng/ml



#43 AR-1268-3

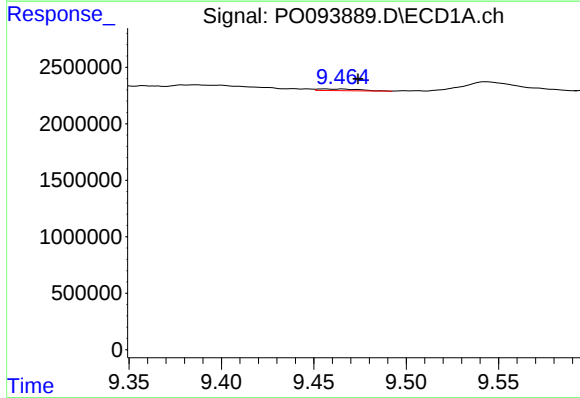
R.T.: 9.048 min
Delta R.T.: 0.010 min
Response: 1219625
Conc: 4.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



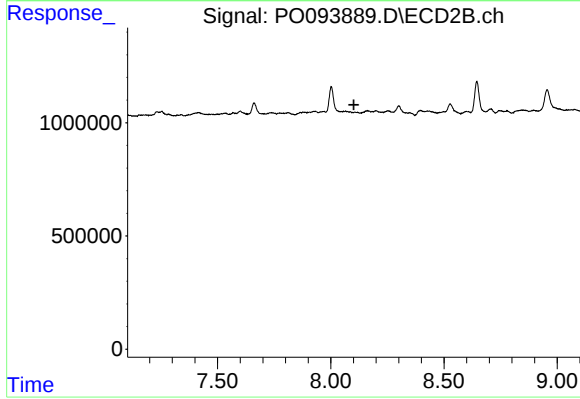
#43 AR-1268-3

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



#44 AR-1268-4

R.T.: 9.456 min
Delta R.T.: -0.018 min
Response: 225247
Conc: 2.33 ng/ml



#44 AR-1268-4

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