

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0081423\
 Data File : P0097019.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Aug 2023 10:15
 Operator : YP/AJ
 Sample : AR1254CCC500
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 14 15:41:03 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0080723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Aug 08 04:34:41 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...	4.410	3.616	164.1E6	65053873	49.577	49.142
2) SA Decachlor...	10.347	8.633	119.4E6	56716962	54.583	49.024
Target Compounds						
3) L1 AR-1016-1	5.596	4.701	1439374	664221	15.283	14.982
4) L1 AR-1016-2	5.622	4.719	1709881	512254	12.782	8.374 #
5) L1 AR-1016-3	5.682	4.898	745773	408643	8.570	12.509 #
6) L1 AR-1016-4	5.781	4.938	748547	15401049	11.144	538.755 #
7) L1 AR-1016-5	6.083	5.151	18400126	9111055	263.548	236.980
8) L2 AR-1221-1	4.598	0.000	248642	0	6.101	N.D. #
9) L2 AR-1221-2	4.720	3.916	2357717	889339	77.608	68.830
10) L2 AR-1221-3	4.785	3.990	507969	241619	5.803	6.087
11) L3 AR-1232-1	4.785	3.990	507969	241619	6.965	7.470
12) L3 AR-1232-2	5.324	4.719	862730	512254	21.761	17.754
13) L3 AR-1232-3	5.622	4.898	1709881	408643	27.952	26.952
14) L3 AR-1232-4	5.781	4.979	748547	4670404	24.531	312.513 #
15) L3 AR-1232-5	5.876	5.151	32806911	9111055	1172.380	557.361 #
16) L4 AR-1242-1	5.596	4.701	1439374	664221	17.173	16.848
17) L4 AR-1242-2	5.622	4.719	1709881	512254	14.520	9.401 #
18) L4 AR-1242-3	5.682	4.898	745773	408643	10.095	13.820 #
19) L4 AR-1242-4	5.781	4.979	748547	4670404	12.574	148.201 #
20) L4 AR-1242-5	6.541	5.504	15320846	34892764	278.461	957.640 #
21) L5 AR-1248-1	5.596	4.701	1439374	664221	24.565	23.669
22) L5 AR-1248-2	5.876	4.938	32806911	15401049	348.944	363.395
23) L5 AR-1248-3	6.083	4.979	18400126	4670404	188.123	106.472 #
24) L5 AR-1248-4	6.497	5.151	23463609	9111055	258.286	178.474 #
25) L5 AR-1248-5	6.541	5.545	15320846	4343300	173.931	92.901 #
26) L6 AR-1254-1	6.471	5.504	52730414	34892764	482.479	472.826
27) L6 AR-1254-2	6.695	5.653	78044816	30978480	484.066	470.224
28) L6 AR-1254-3	7.071	6.057	77640952	47873531	495.485	473.702
29) L6 AR-1254-4	7.364	6.287	52950216	28679041	525.205	495.536
30) L6 AR-1254-5	7.795	6.706	57947490	41820087	516.400	475.687
31) L7 AR-1260-1	7.240	6.188	32693073	23920022	260.113	339.927 #
32) L7 AR-1260-2	7.503	6.377	34372018	19412172	255.108	232.584
33) L7 AR-1260-3	7.857	6.529	7880001	19226596	75.934	248.986 #
34) L7 AR-1260-4	8.092	7.003	23074279	2074178	206.382	32.367 #
35) L7 AR-1260-5	8.439	7.246	8713657	4919040	41.498	35.482
36) L8 AR-1262-1	7.857	6.797	7880001	1284569	53.054	32.629 #
37) L8 AR-1262-2	8.439	7.003	8713657	2074178	37.645	25.574 #
38) L8 AR-1262-3	8.782	7.531	7184103	212125	43.071	3.306 #
39) L8 AR-1262-4	8.864	7.592	302702	4754404	4.152	41.852 #
40) L8 AR-1262-5	9.547	8.091	520277	176322	6.247	3.357 #
41) L9 AR-1268-1	8.782	7.531	7184103	212125	23.370	1.145 #

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 ALS Vial : 6 Sample Multiplier: 1

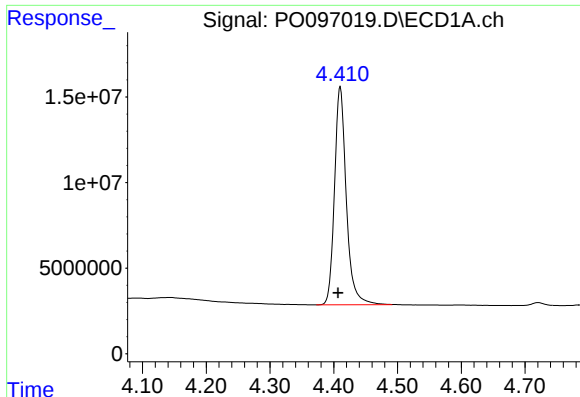
Instrument :
 ECD_O
 ClientSampleId :

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	8.864	7.592	302702	4754404	1.104	28.353 #
43) L9	AR-1268-3	9.102	7.804	1047857	196610	4.103	1.361 #
44) L9	AR-1268-4	9.547	8.091	520277	176322	5.612	2.960 #
45) L9	AR-1268-5	9.986	8.380	366015	452141	0.453	1.087 #

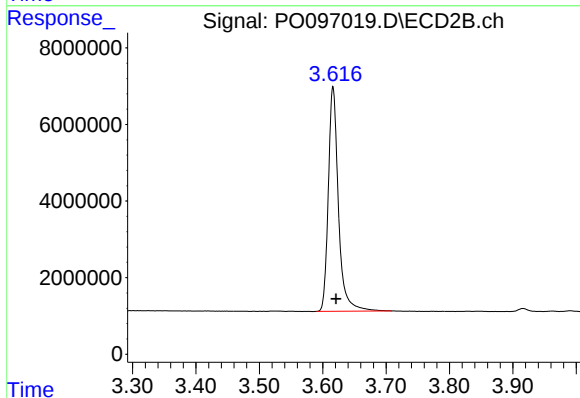
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

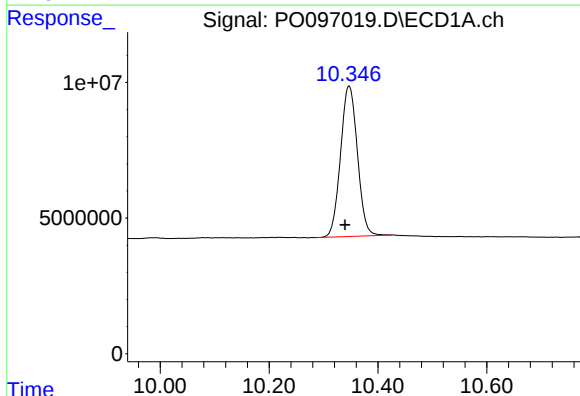
R.T.: 4.410 min
Delta R.T.: 0.003 min
Response: 164108432
Conc: 49.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



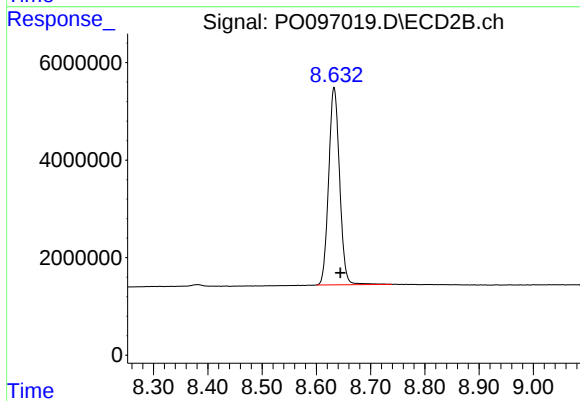
#1 Tetrachloro-m-xylene

R.T.: 3.616 min
Delta R.T.: -0.005 min
Response: 65053873
Conc: 49.14 ng/ml



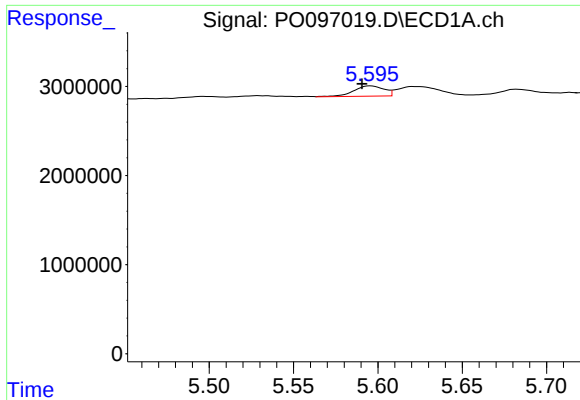
#2 Decachlorobiphenyl

R.T.: 10.347 min
Delta R.T.: 0.007 min
Response: 119438004
Conc: 54.58 ng/ml



#2 Decachlorobiphenyl

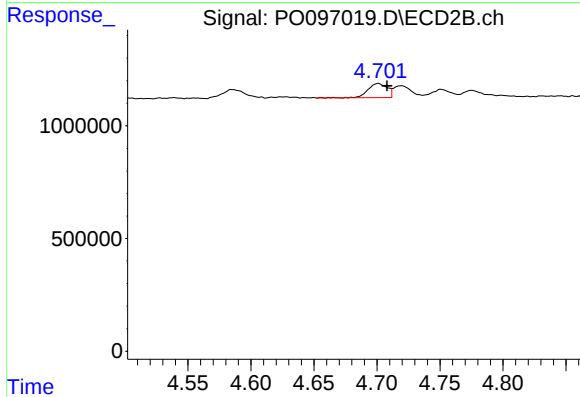
R.T.: 8.633 min
Delta R.T.: -0.011 min
Response: 56716962
Conc: 49.02 ng/ml



#3 AR-1016-1

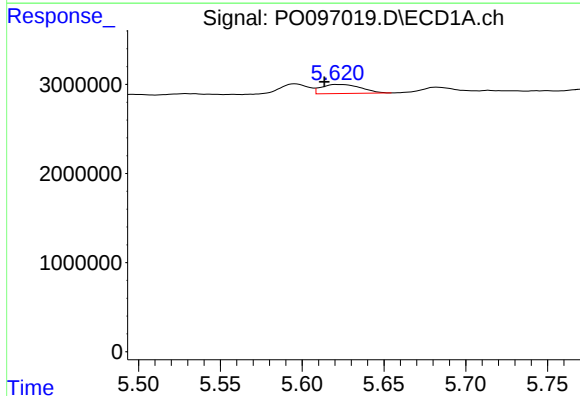
R.T.: 5.596 min
Delta R.T.: 0.005 min
Response: 1439374
Conc: 15.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



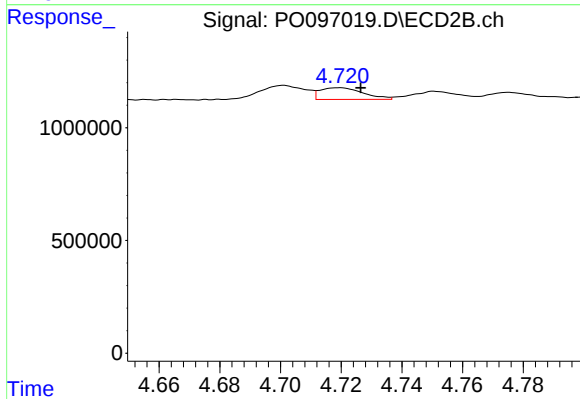
#3 AR-1016-1

R.T.: 4.701 min
Delta R.T.: -0.007 min
Response: 664221
Conc: 14.98 ng/ml



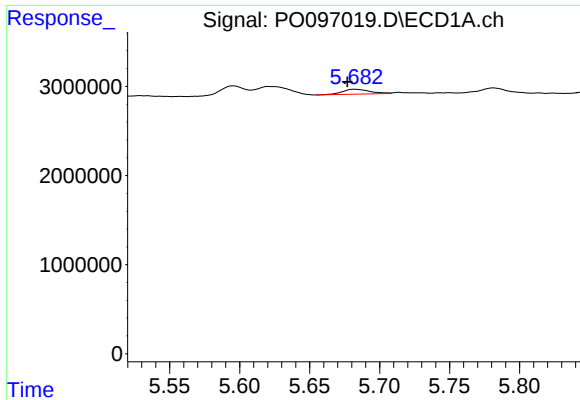
#4 AR-1016-2

R.T.: 5.622 min
Delta R.T.: 0.008 min
Response: 1709881
Conc: 12.78 ng/ml



#4 AR-1016-2

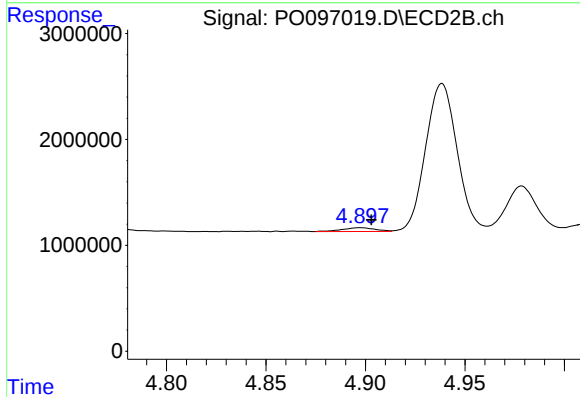
R.T.: 4.719 min
Delta R.T.: -0.007 min
Response: 512254
Conc: 8.37 ng/ml



#5 AR-1016-3

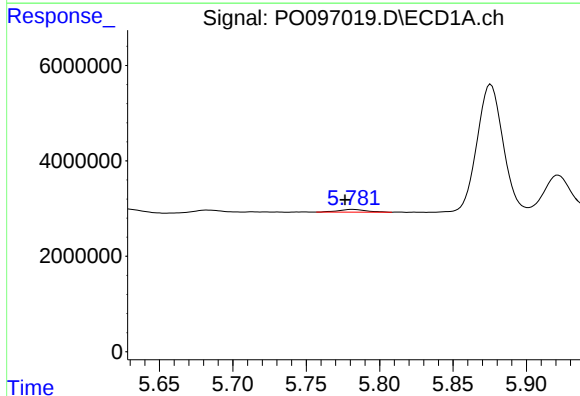
R.T.: 5.682 min
Delta R.T.: 0.006 min
Response: 745773
Conc: 8.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



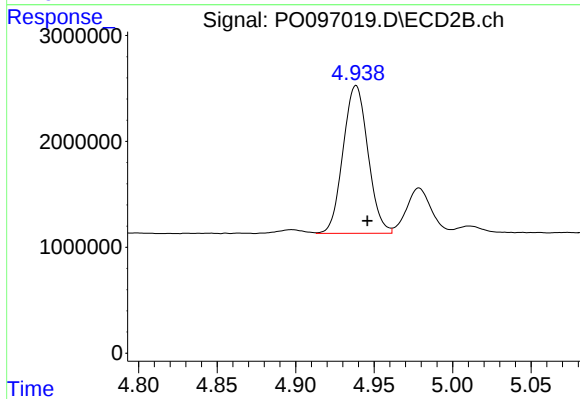
#5 AR-1016-3

R.T.: 4.898 min
Delta R.T.: -0.005 min
Response: 408643
Conc: 12.51 ng/ml



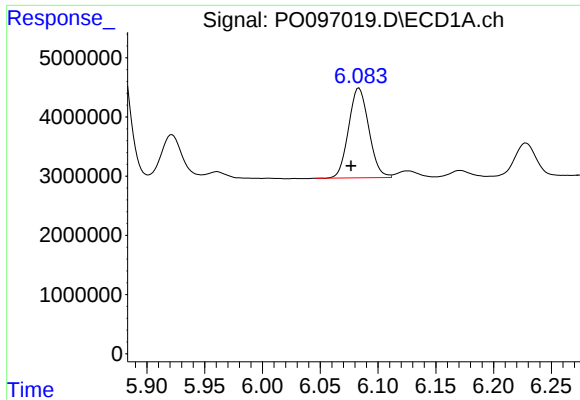
#6 AR-1016-4

R.T.: 5.781 min
Delta R.T.: 0.005 min
Response: 748547
Conc: 11.14 ng/ml



#6 AR-1016-4

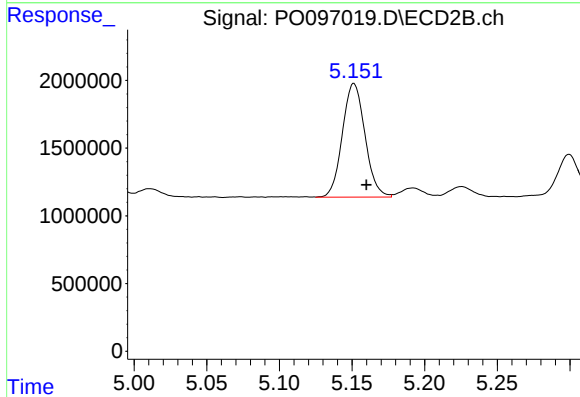
R.T.: 4.938 min
Delta R.T.: -0.007 min
Response: 15401049
Conc: 538.75 ng/ml



#7 AR-1016-5

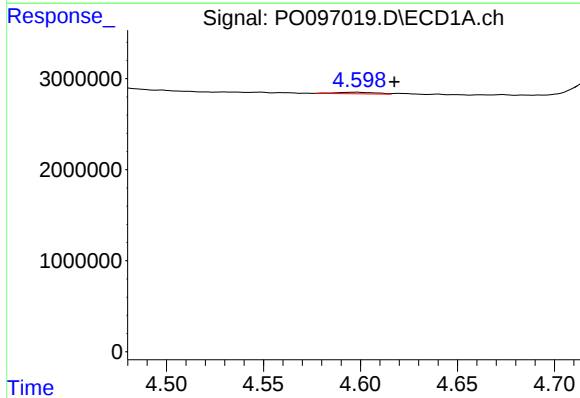
R.T.: 6.083 min
Delta R.T.: 0.007 min
Response: 18400126
Conc: 263.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



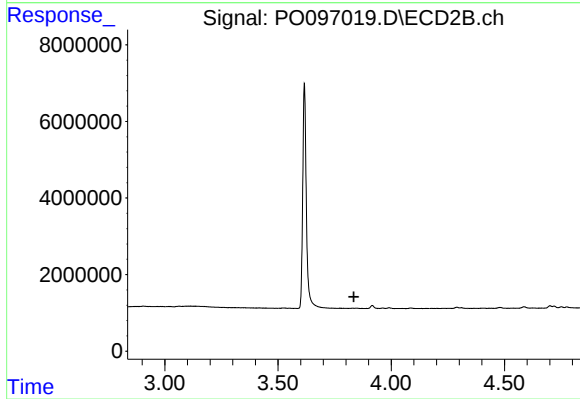
#7 AR-1016-5

R.T.: 5.151 min
Delta R.T.: -0.008 min
Response: 9111055
Conc: 236.98 ng/ml



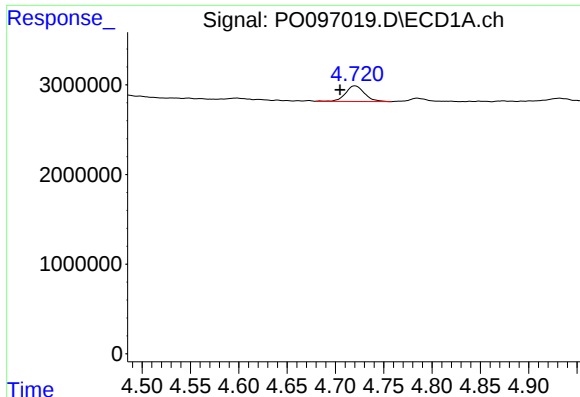
#8 AR-1221-1

R.T.: 4.598 min
Delta R.T.: -0.020 min
Response: 248642
Conc: 6.10 ng/ml



#8 AR-1221-1

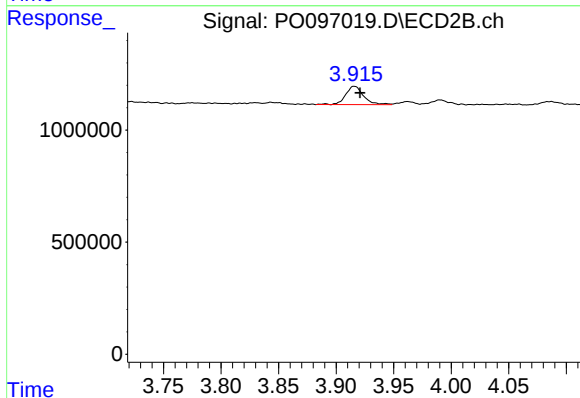
R.T.: 0.000 min
Exp R.T. : 3.835 min
Response: 0
Conc: N.D.



#9 AR-1221-2

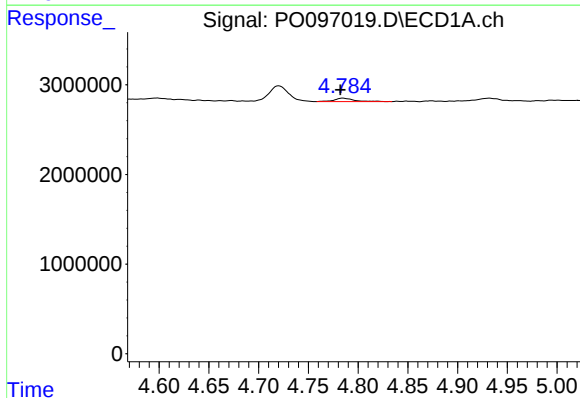
R.T.: 4.720 min
Delta R.T.: 0.016 min
Response: 2357717
Conc: 77.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



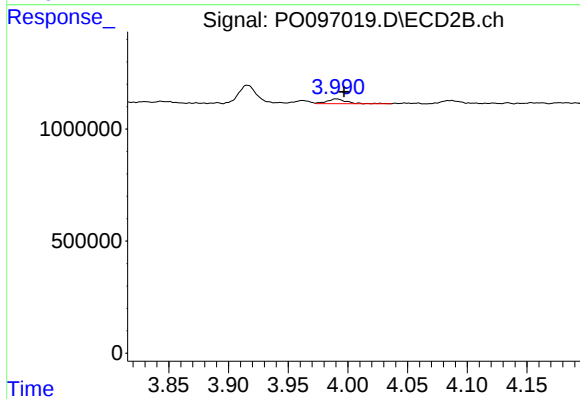
#9 AR-1221-2

R.T.: 3.916 min
Delta R.T.: -0.005 min
Response: 889339
Conc: 68.83 ng/ml



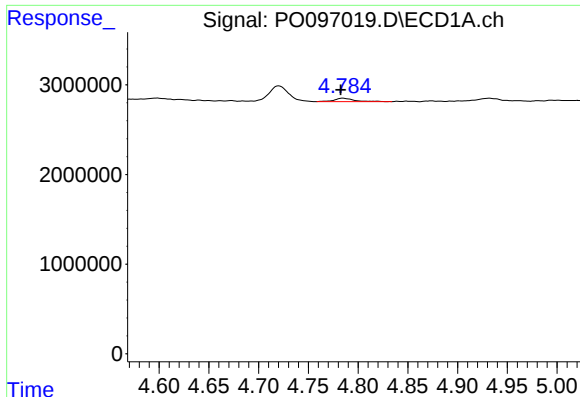
#10 AR-1221-3

R.T.: 4.785 min
Delta R.T.: 0.002 min
Response: 507969
Conc: 5.80 ng/ml



#10 AR-1221-3

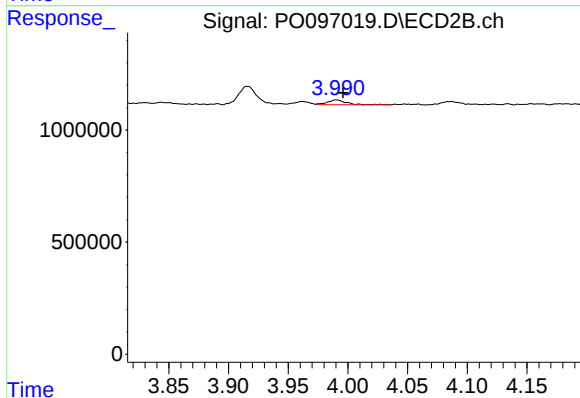
R.T.: 3.990 min
Delta R.T.: -0.006 min
Response: 241619
Conc: 6.09 ng/ml



#11 AR-1232-1

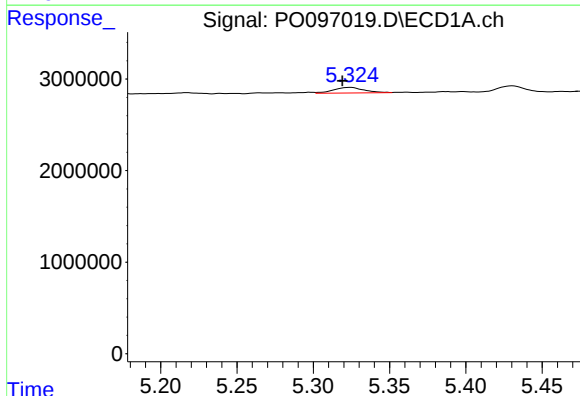
R.T.: 4.785 min
Delta R.T.: 0.002 min
Response: 507969
Conc: 6.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



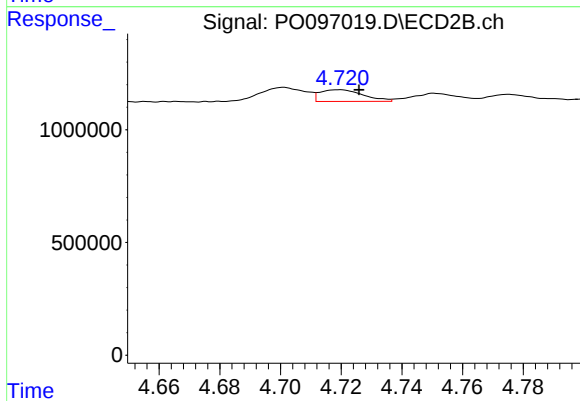
#11 AR-1232-1

R.T.: 3.990 min
Delta R.T.: -0.006 min
Response: 241619
Conc: 7.47 ng/ml



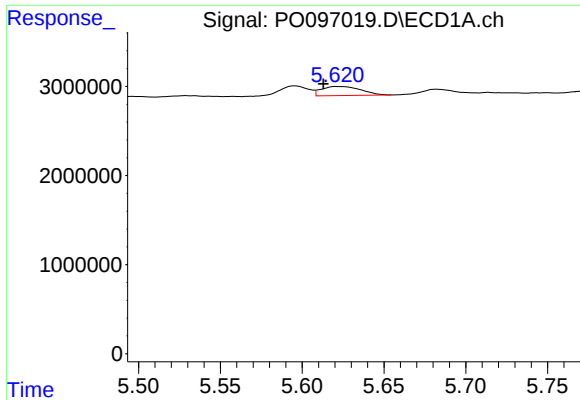
#12 AR-1232-2

R.T.: 5.324 min
Delta R.T.: 0.005 min
Response: 862730
Conc: 21.76 ng/ml



#12 AR-1232-2

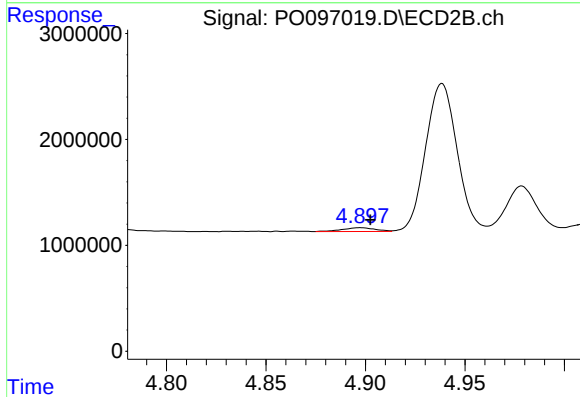
R.T.: 4.719 min
Delta R.T.: -0.007 min
Response: 512254
Conc: 17.75 ng/ml



#13 AR-1232-3

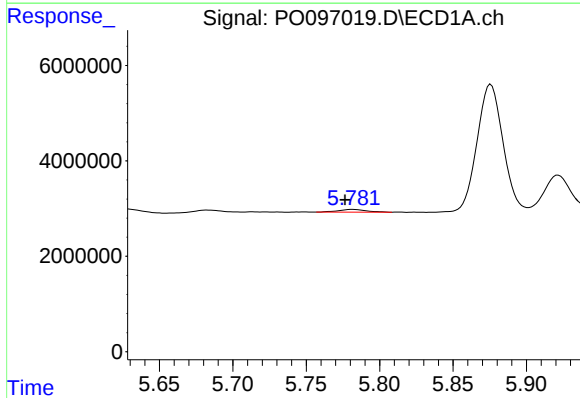
R.T.: 5.622 min
Delta R.T.: 0.009 min
Response: 1709881
Conc: 27.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



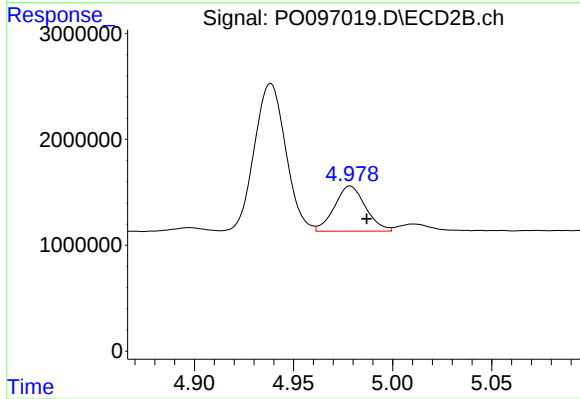
#13 AR-1232-3

R.T.: 4.898 min
Delta R.T.: -0.005 min
Response: 408643
Conc: 26.95 ng/ml



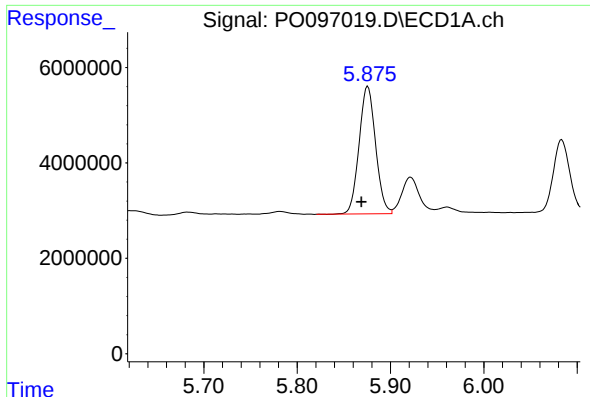
#14 AR-1232-4

R.T.: 5.781 min
Delta R.T.: 0.005 min
Response: 748547
Conc: 24.53 ng/ml



#14 AR-1232-4

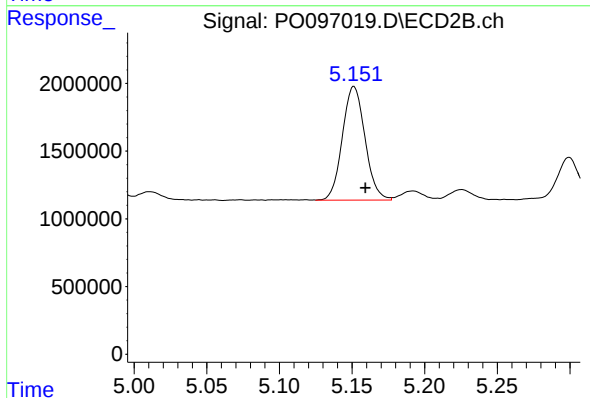
R.T.: 4.979 min
Delta R.T.: -0.008 min
Response: 4670404
Conc: 312.51 ng/ml



#15 AR-1232-5

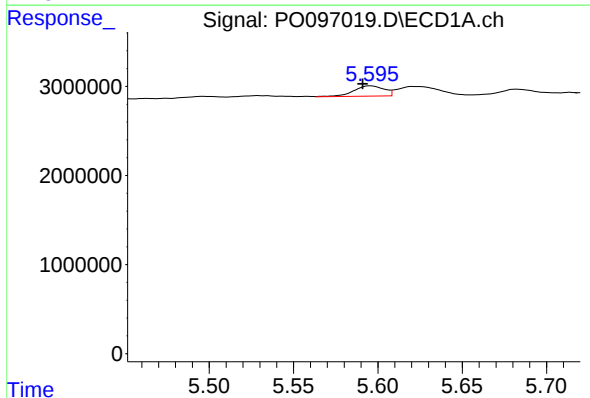
R.T.: 5.876 min
Delta R.T.: 0.007 min
Response: 32806911
Conc: 1172.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



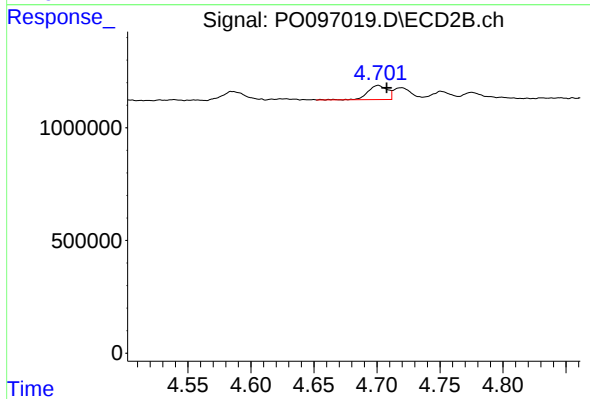
#15 AR-1232-5

R.T.: 5.151 min
Delta R.T.: -0.008 min
Response: 9111055
Conc: 557.36 ng/ml



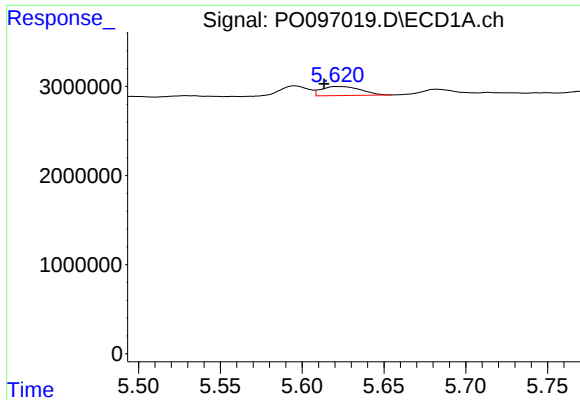
#16 AR-1242-1

R.T.: 5.596 min
Delta R.T.: 0.005 min
Response: 1439374
Conc: 17.17 ng/ml



#16 AR-1242-1

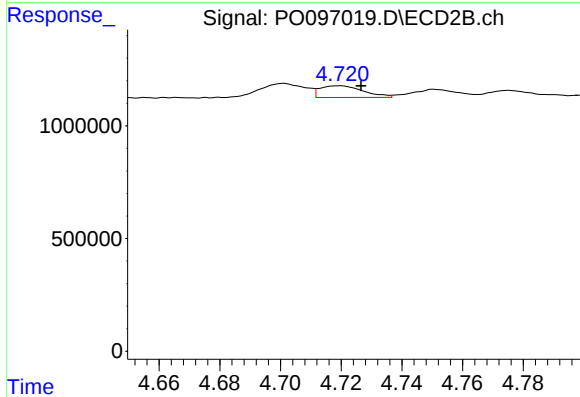
R.T.: 4.701 min
Delta R.T.: -0.007 min
Response: 664221
Conc: 16.85 ng/ml



#17 AR-1242-2

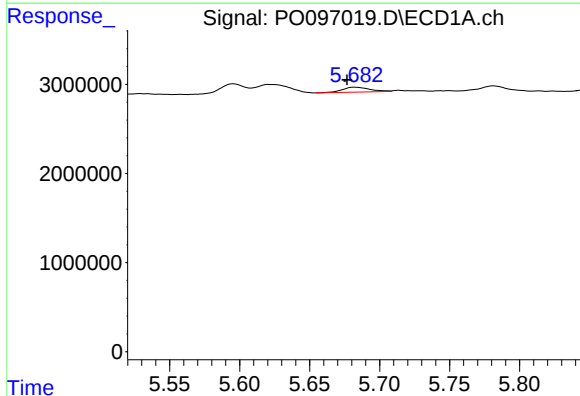
R.T.: 5.622 min
Delta R.T.: 0.008 min
Response: 1709881
Conc: 14.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



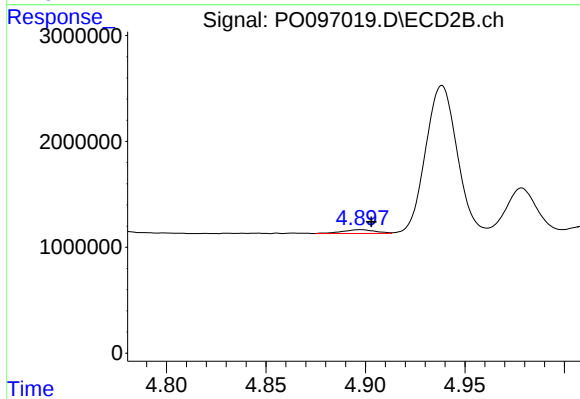
#17 AR-1242-2

R.T.: 4.719 min
Delta R.T.: -0.007 min
Response: 512254
Conc: 9.40 ng/ml



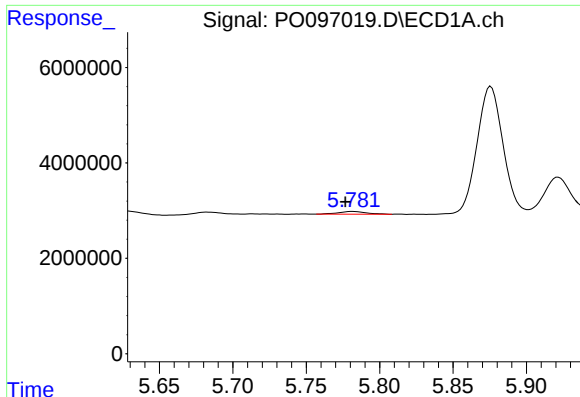
#18 AR-1242-3

R.T.: 5.682 min
Delta R.T.: 0.006 min
Response: 745773
Conc: 10.10 ng/ml



#18 AR-1242-3

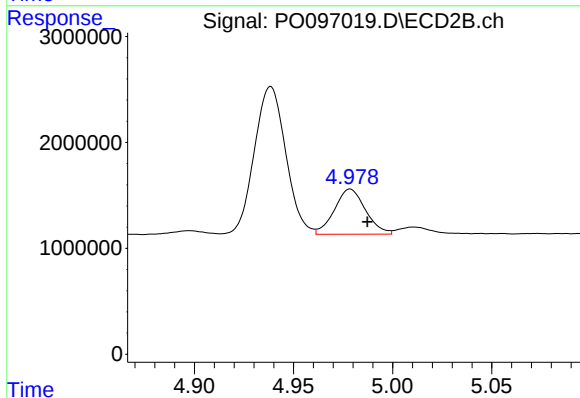
R.T.: 4.898 min
Delta R.T.: -0.005 min
Response: 408643
Conc: 13.82 ng/ml



#19 AR-1242-4

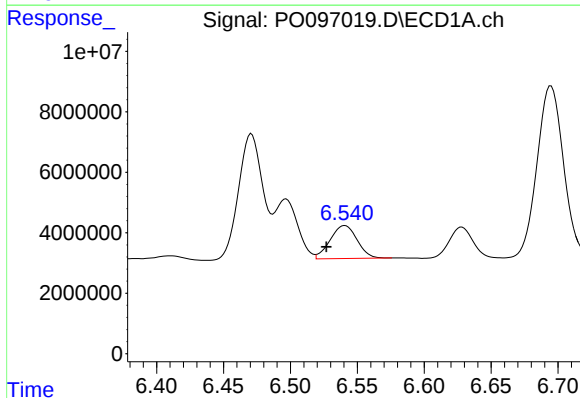
R.T.: 5.781 min
Delta R.T.: 0.005 min
Response: 748547
Conc: 12.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



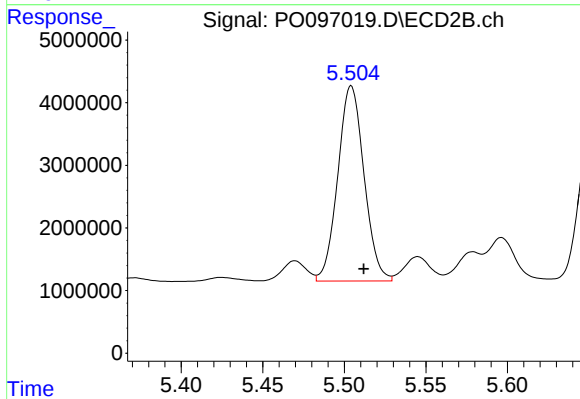
#19 AR-1242-4

R.T.: 4.979 min
Delta R.T.: -0.009 min
Response: 4670404
Conc: 148.20 ng/ml



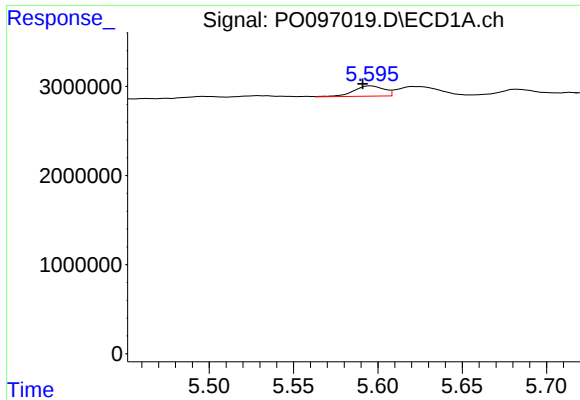
#20 AR-1242-5

R.T.: 6.541 min
Delta R.T.: 0.014 min
Response: 15320846
Conc: 278.46 ng/ml



#20 AR-1242-5

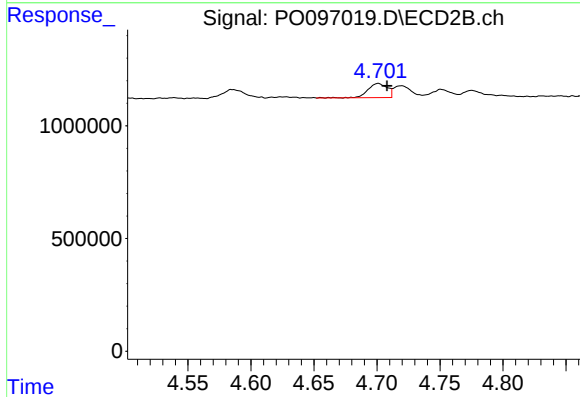
R.T.: 5.504 min
Delta R.T.: -0.008 min
Response: 34892764
Conc: 957.64 ng/ml



#21 AR-1248-1

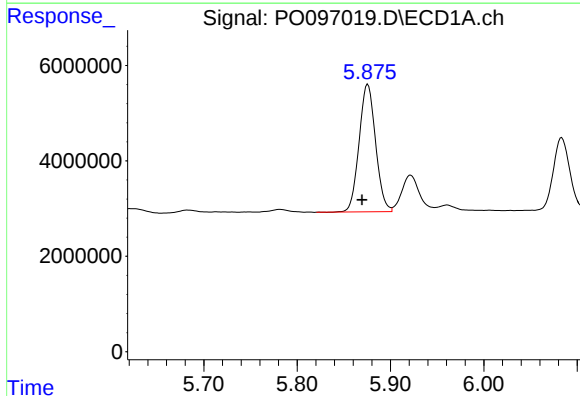
R.T.: 5.596 min
Delta R.T.: 0.005 min
Response: 1439374
Conc: 24.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



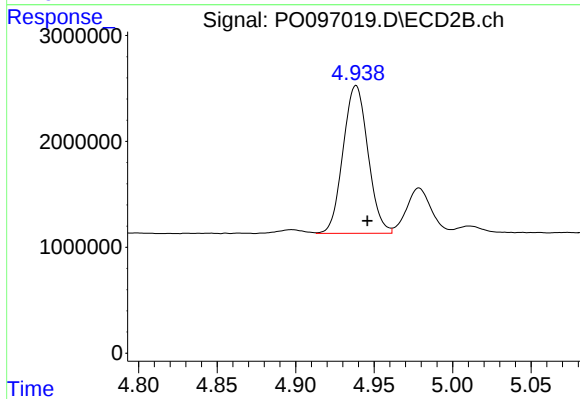
#21 AR-1248-1

R.T.: 4.701 min
Delta R.T.: -0.007 min
Response: 664221
Conc: 23.67 ng/ml



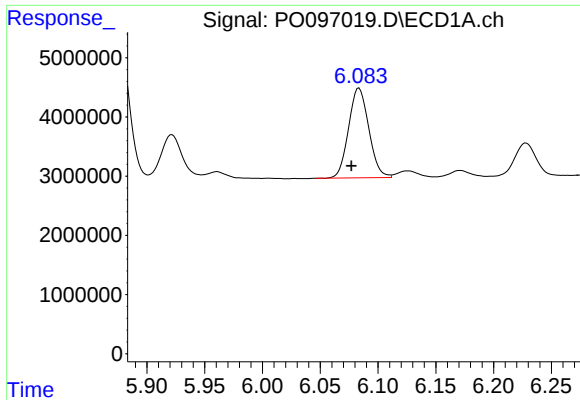
#22 AR-1248-2

R.T.: 5.876 min
Delta R.T.: 0.006 min
Response: 32806911
Conc: 348.94 ng/ml



#22 AR-1248-2

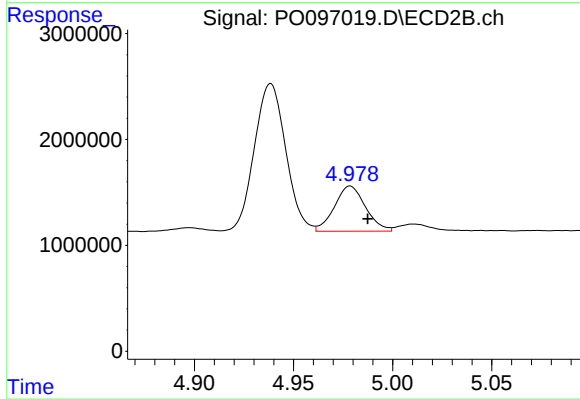
R.T.: 4.938 min
Delta R.T.: -0.007 min
Response: 15401049
Conc: 363.40 ng/ml



#23 AR-1248-3

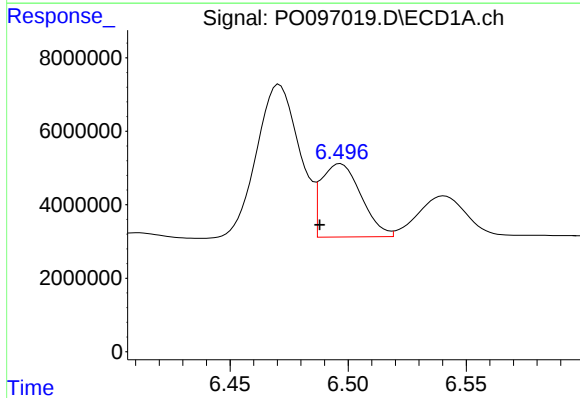
R.T.: 6.083 min
Delta R.T.: 0.007 min
Response: 18400126
Conc: 188.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



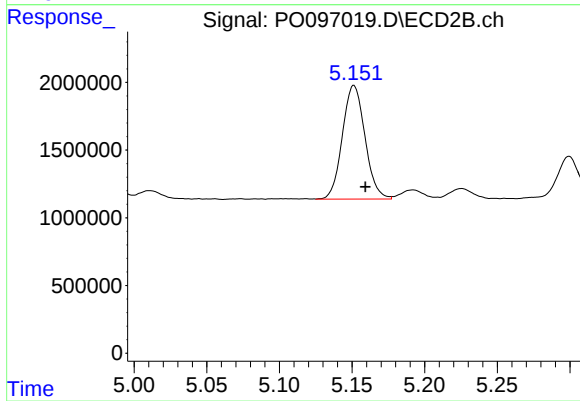
#23 AR-1248-3

R.T.: 4.979 min
Delta R.T.: -0.009 min
Response: 4670404
Conc: 106.47 ng/ml



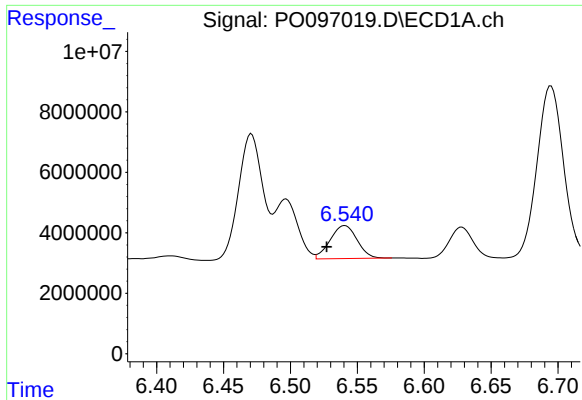
#24 AR-1248-4

R.T.: 6.497 min
Delta R.T.: 0.009 min
Response: 23463609
Conc: 258.29 ng/ml



#24 AR-1248-4

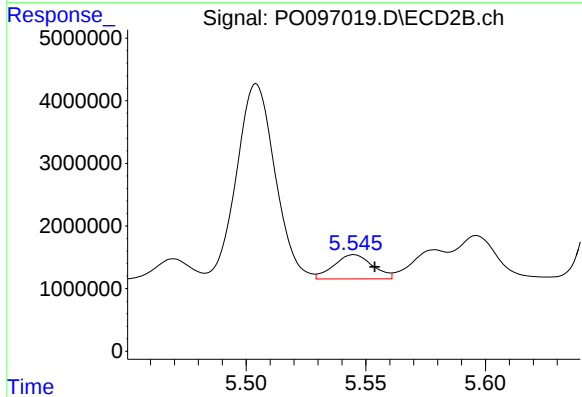
R.T.: 5.151 min
Delta R.T.: -0.008 min
Response: 9111055
Conc: 178.47 ng/ml



#25 AR-1248-5

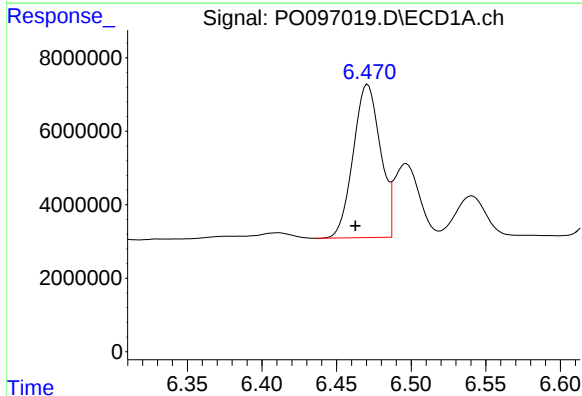
R.T.: 6.541 min
Delta R.T.: 0.014 min
Response: 15320846
Conc: 173.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



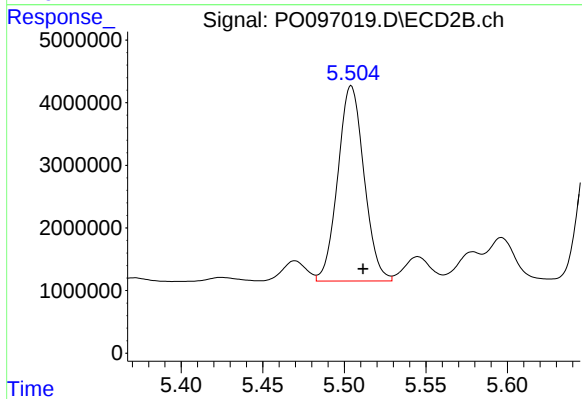
#25 AR-1248-5

R.T.: 5.545 min
Delta R.T.: -0.009 min
Response: 4343300
Conc: 92.90 ng/ml



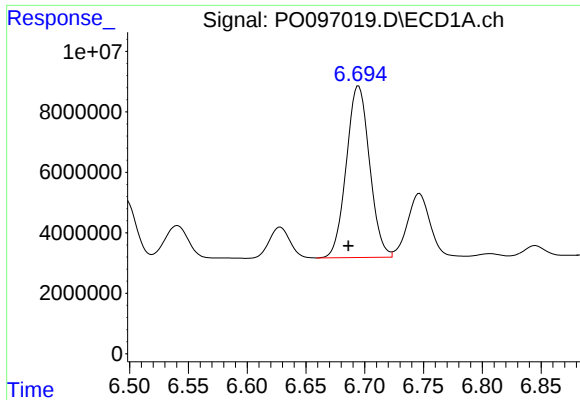
#26 AR-1254-1

R.T.: 6.471 min
Delta R.T.: 0.008 min
Response: 52730414
Conc: 482.48 ng/ml



#26 AR-1254-1

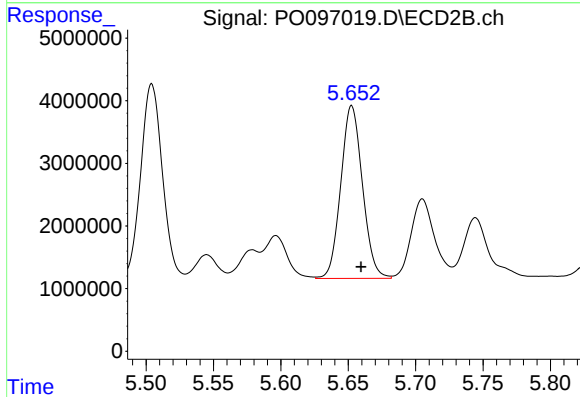
R.T.: 5.504 min
Delta R.T.: -0.007 min
Response: 34892764
Conc: 472.83 ng/ml



#27 AR-1254-2

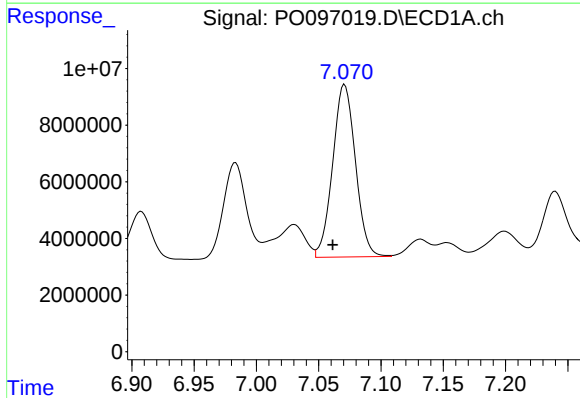
R.T.: 6.695 min
Delta R.T.: 0.009 min
Response: 78044816
Conc: 484.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



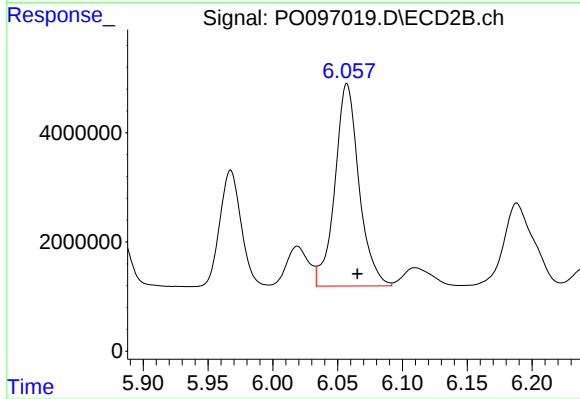
#27 AR-1254-2

R.T.: 5.653 min
Delta R.T.: -0.007 min
Response: 30978480
Conc: 470.22 ng/ml



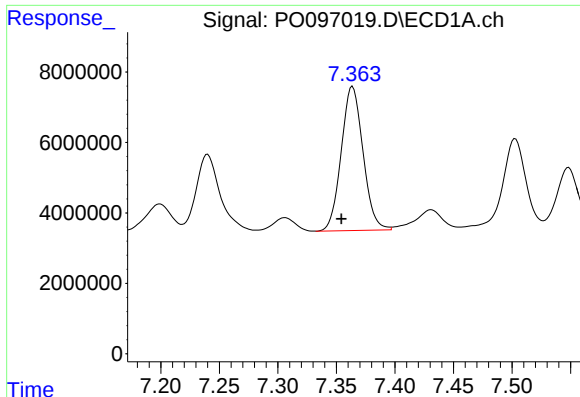
#28 AR-1254-3

R.T.: 7.071 min
Delta R.T.: 0.010 min
Response: 77640952
Conc: 495.49 ng/ml



#28 AR-1254-3

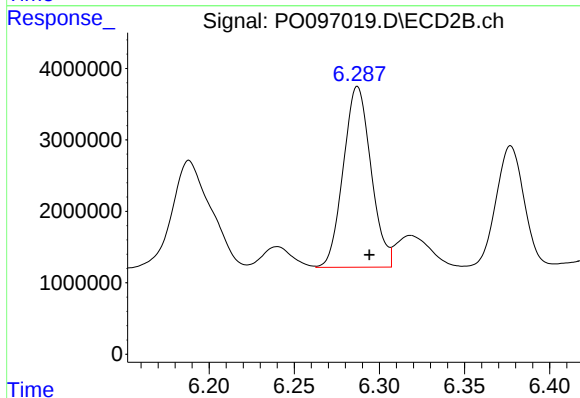
R.T.: 6.057 min
Delta R.T.: -0.008 min
Response: 47873531
Conc: 473.70 ng/ml



#29 AR-1254-4

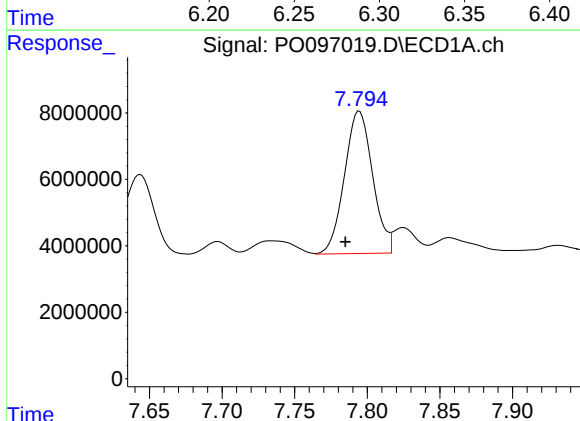
R.T.: 7.364 min
Delta R.T.: 0.010 min
Response: 52950216
Conc: 525.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



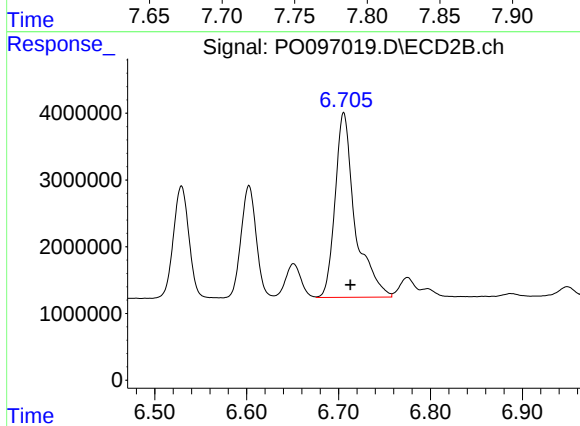
#29 AR-1254-4

R.T.: 6.287 min
Delta R.T.: -0.007 min
Response: 28679041
Conc: 495.54 ng/ml



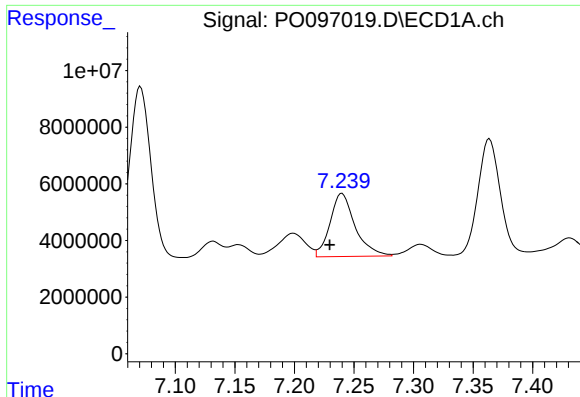
#30 AR-1254-5

R.T.: 7.795 min
Delta R.T.: 0.010 min
Response: 57947490
Conc: 516.40 ng/ml



#30 AR-1254-5

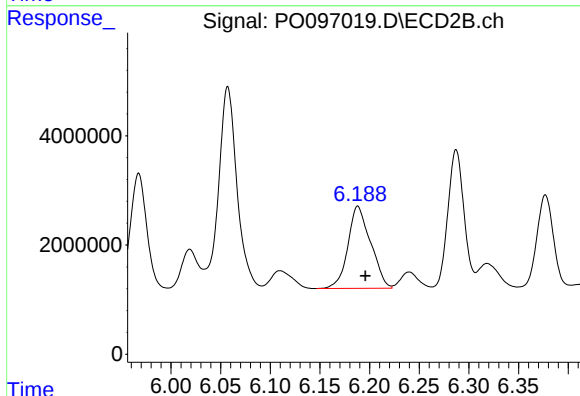
R.T.: 6.706 min
Delta R.T.: -0.007 min
Response: 41820087
Conc: 475.69 ng/ml



#31 AR-1260-1

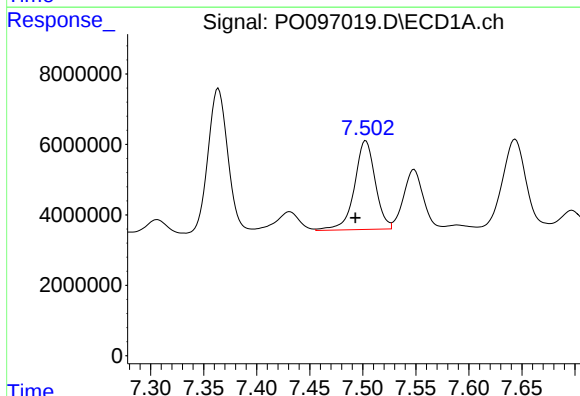
R.T.: 7.240 min
Delta R.T.: 0.010 min
Response: 32693073
Conc: 260.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



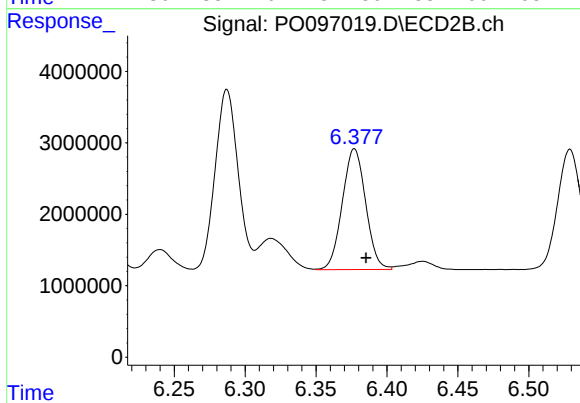
#31 AR-1260-1

R.T.: 6.188 min
Delta R.T.: -0.008 min
Response: 23920022
Conc: 339.93 ng/ml



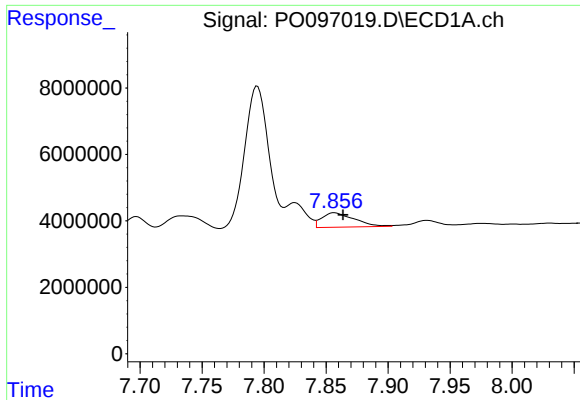
#32 AR-1260-2

R.T.: 7.503 min
Delta R.T.: 0.010 min
Response: 34372018
Conc: 255.11 ng/ml



#32 AR-1260-2

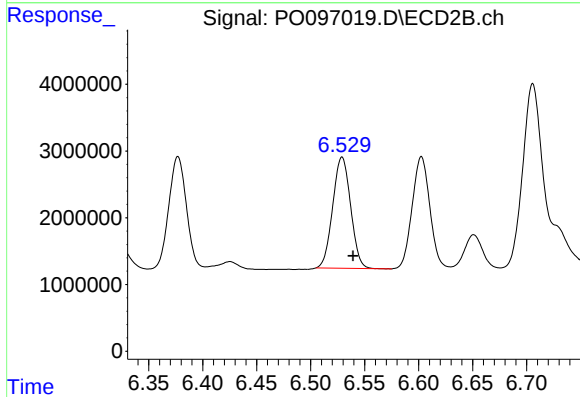
R.T.: 6.377 min
Delta R.T.: -0.008 min
Response: 19412172
Conc: 232.58 ng/ml



#33 AR-1260-3

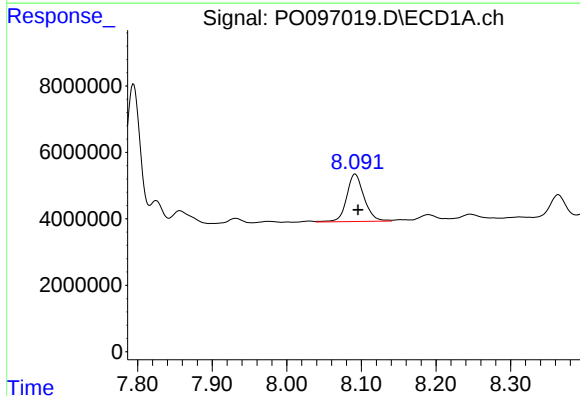
R.T.: 7.857 min
Delta R.T.: -0.007 min
Response: 7880001
Conc: 75.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



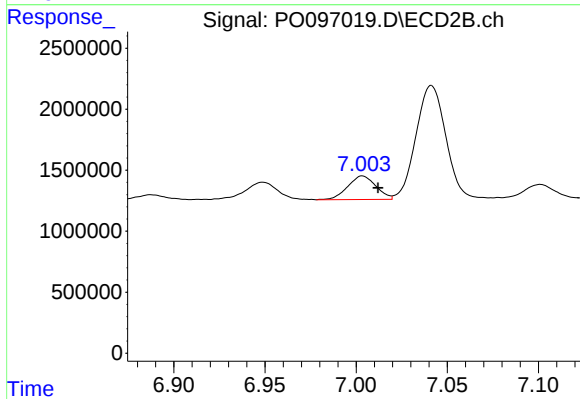
#33 AR-1260-3

R.T.: 6.529 min
Delta R.T.: -0.010 min
Response: 19226596
Conc: 248.99 ng/ml



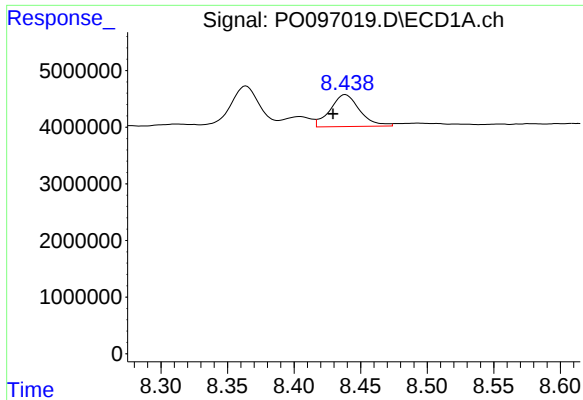
#34 AR-1260-4

R.T.: 8.092 min
Delta R.T.: -0.004 min
Response: 23074279
Conc: 206.38 ng/ml



#34 AR-1260-4

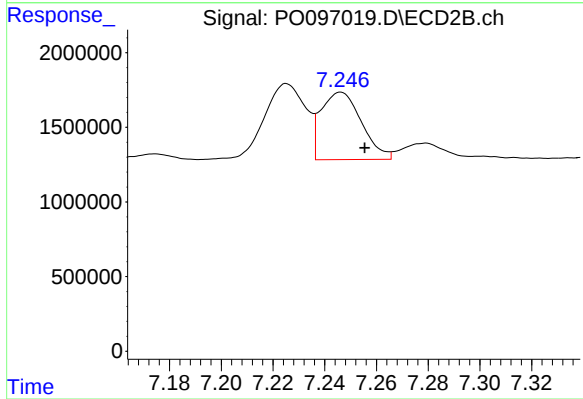
R.T.: 7.003 min
Delta R.T.: -0.009 min
Response: 2074178
Conc: 32.37 ng/ml



#35 AR-1260-5

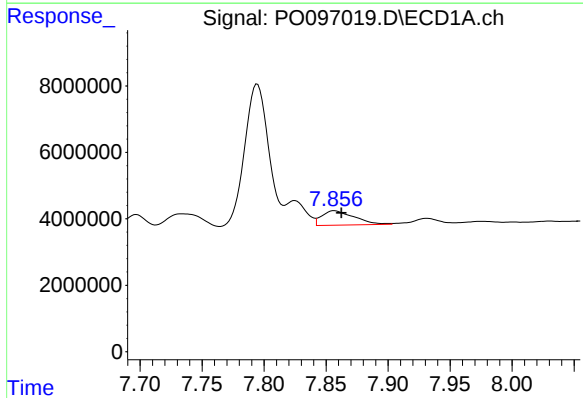
R.T.: 8.439 min
Delta R.T.: 0.009 min
Response: 8713657
Conc: 41.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



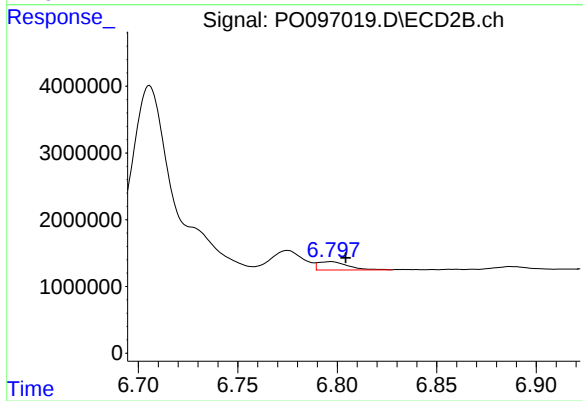
#35 AR-1260-5

R.T.: 7.246 min
Delta R.T.: -0.009 min
Response: 4919040
Conc: 35.48 ng/ml



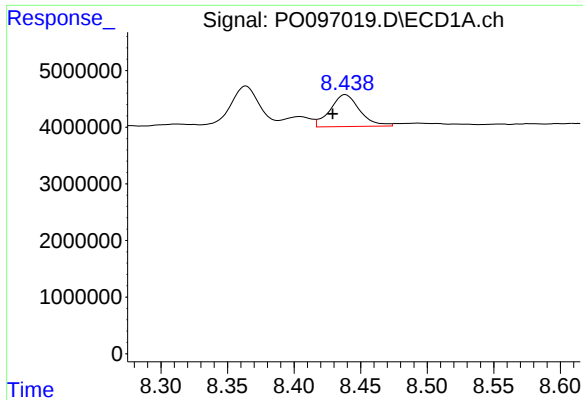
#36 AR-1262-1

R.T.: 7.857 min
Delta R.T.: -0.006 min
Response: 7880001
Conc: 53.05 ng/ml



#36 AR-1262-1

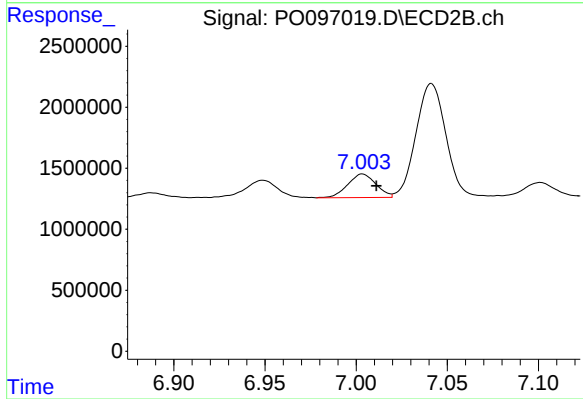
R.T.: 6.797 min
Delta R.T.: -0.008 min
Response: 1284569
Conc: 32.63 ng/ml



#37 AR-1262-2

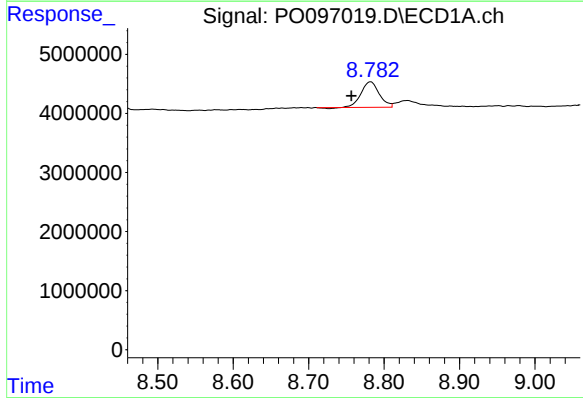
R.T.: 8.439 min
Delta R.T.: 0.010 min
Response: 8713657
Conc: 37.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



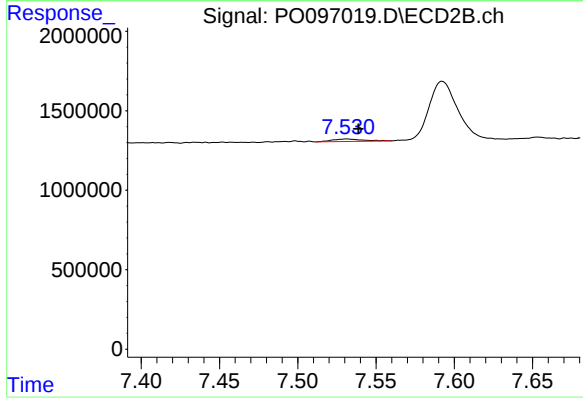
#37 AR-1262-2

R.T.: 7.003 min
Delta R.T.: -0.008 min
Response: 2074178
Conc: 25.57 ng/ml



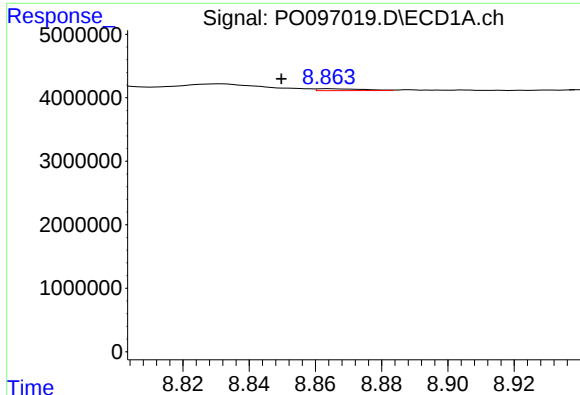
#38 AR-1262-3

R.T.: 8.782 min
Delta R.T.: 0.025 min
Response: 7184103
Conc: 43.07 ng/ml



#38 AR-1262-3

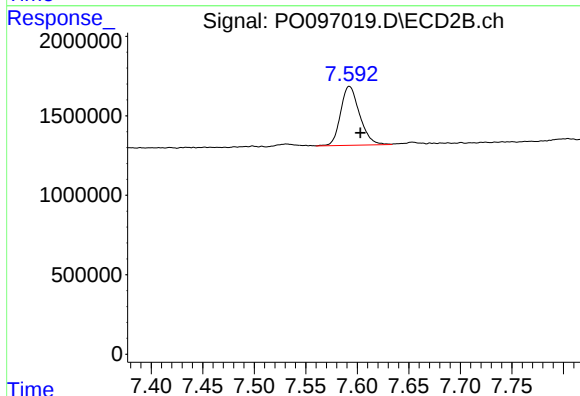
R.T.: 7.531 min
Delta R.T.: -0.007 min
Response: 212125
Conc: 3.31 ng/ml



#39 AR-1262-4

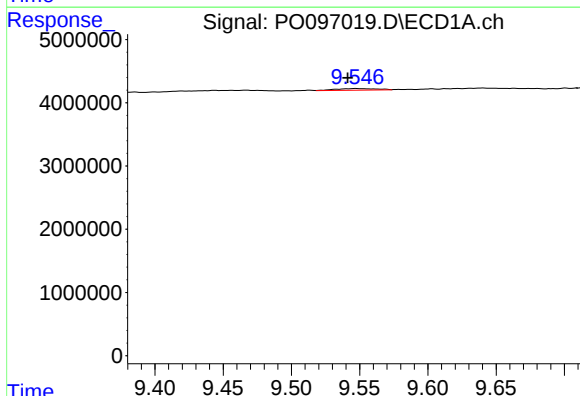
R.T.: 8.864 min
Delta R.T.: 0.014 min
Response: 302702
Conc: 4.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



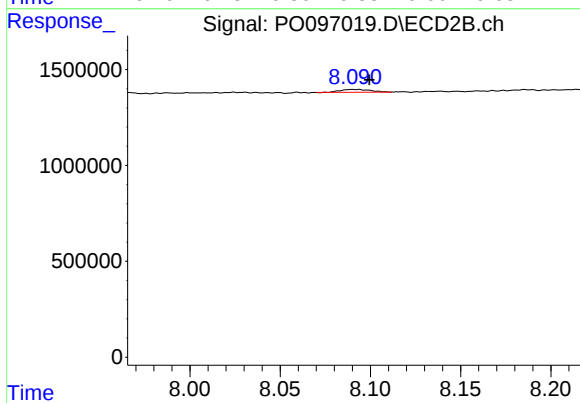
#39 AR-1262-4

R.T.: 7.592 min
Delta R.T.: -0.011 min
Response: 4754404
Conc: 41.85 ng/ml



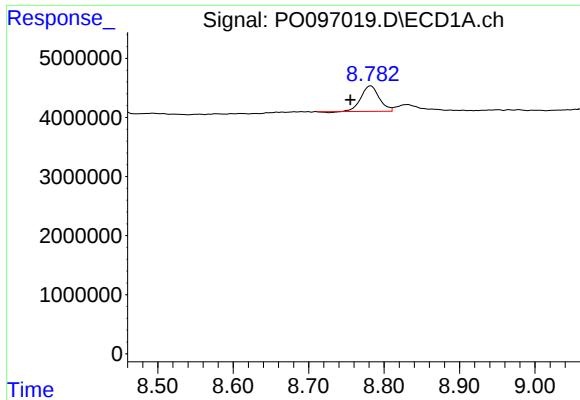
#40 AR-1262-5

R.T.: 9.547 min
Delta R.T.: 0.006 min
Response: 520277
Conc: 6.25 ng/ml



#40 AR-1262-5

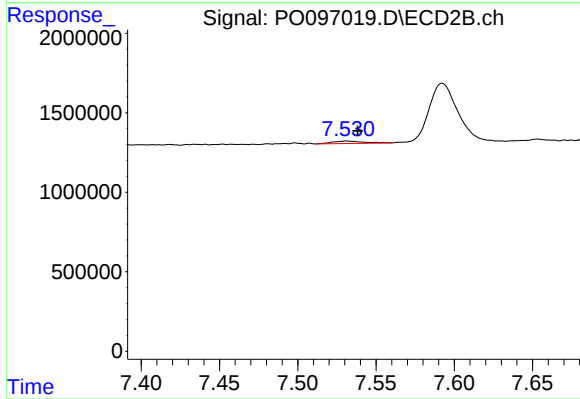
R.T.: 8.091 min
Delta R.T.: -0.009 min
Response: 176322
Conc: 3.36 ng/ml



#41 AR-1268-1

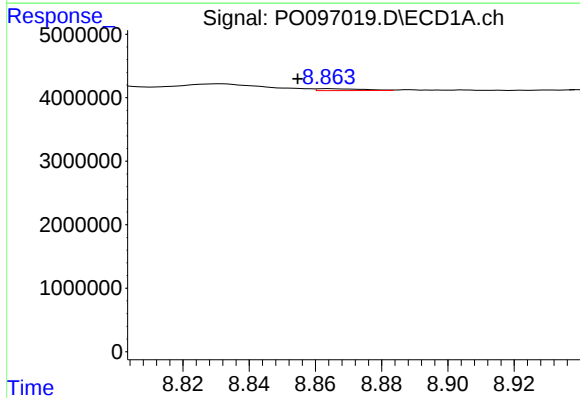
R.T.: 8.782 min
Delta R.T.: 0.027 min
Response: 7184103
Conc: 23.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



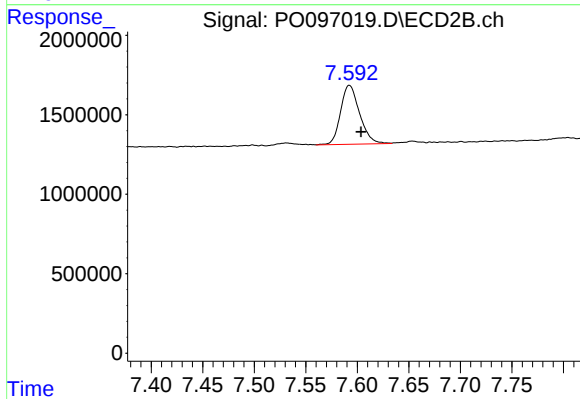
#41 AR-1268-1

R.T.: 7.531 min
Delta R.T.: -0.007 min
Response: 212125
Conc: 1.14 ng/ml



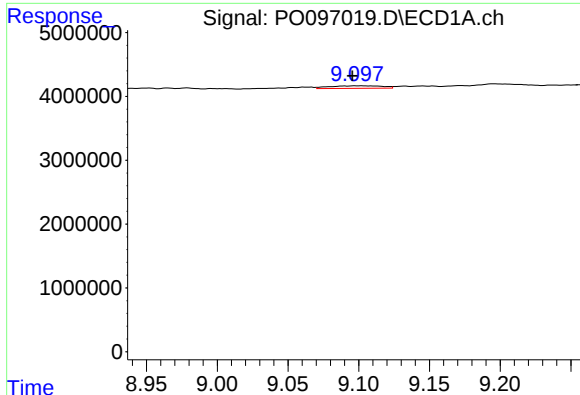
#42 AR-1268-2

R.T.: 8.864 min
Delta R.T.: 0.009 min
Response: 302702
Conc: 1.10 ng/ml



#42 AR-1268-2

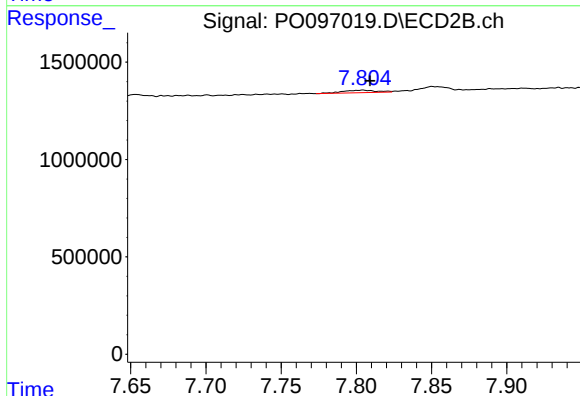
R.T.: 7.592 min
Delta R.T.: -0.011 min
Response: 4754404
Conc: 28.35 ng/ml



#43 AR-1268-3

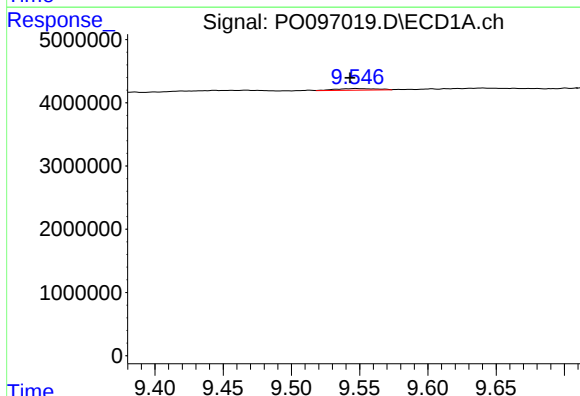
R.T.: 9.102 min
Delta R.T.: 0.006 min
Response: 1047857
Conc: 4.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



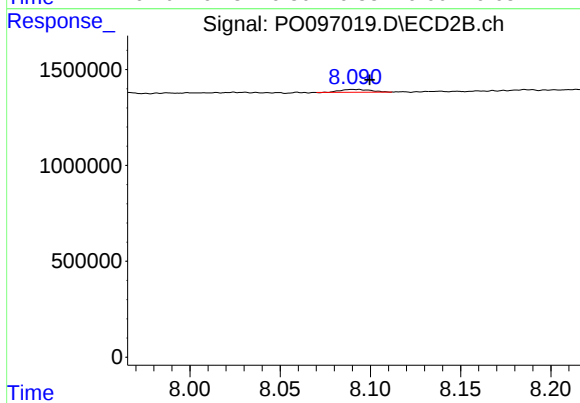
#43 AR-1268-3

R.T.: 7.804 min
Delta R.T.: -0.005 min
Response: 196610
Conc: 1.36 ng/ml



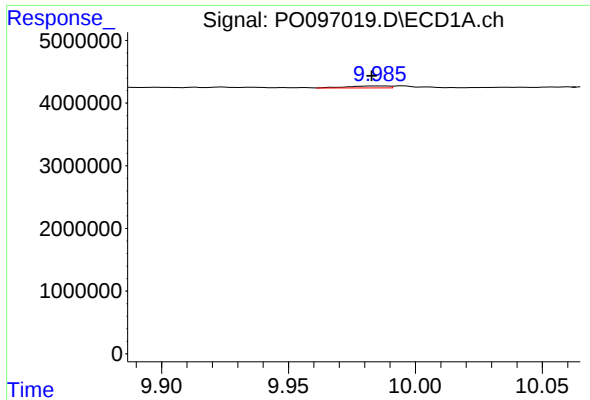
#44 AR-1268-4

R.T.: 9.547 min
Delta R.T.: 0.004 min
Response: 520277
Conc: 5.61 ng/ml



#44 AR-1268-4

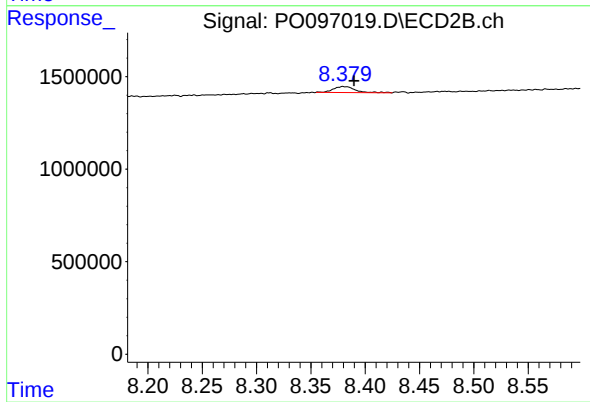
R.T.: 8.091 min
Delta R.T.: -0.009 min
Response: 176322
Conc: 2.96 ng/ml



#45 AR-1268-5

R.T.: 9.986 min
Delta R.T.: 0.003 min
Response: 366015
Conc: 0.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.380 min
Delta R.T.: -0.010 min
Response: 452141
Conc: 1.09 ng/ml