

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0110323\
 Data File : P0099384.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Nov 2023 05:53
 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: Nov 04 06:14:16 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0102523.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Oct 25 06:04:36 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...	4.466	3.623	86838357	33292552	43.948	46.260
2) SA Decachlor...	10.257	8.612	41024327	19500192	36.213	36.345
Target Compounds						
3) L1 AR-1016-1	5.638	4.720	735667	214475	13.360	9.577 #
4) L1 AR-1016-2	5.665	4.720	877015	214475	10.606	6.862 #
5) L1 AR-1016-3	5.726	4.894	291409	134486	5.661	7.942 #
6) L1 AR-1016-4	5.845	4.938	62252	7029464	1.532	486.208 #
7) L1 AR-1016-5	6.118	5.150	7641379	4419807	180.038	236.583 #
8) L2 AR-1221-1	4.717	3.852	54548	68749	2.197	7.400 #
9) L2 AR-1221-2	4.774	3.922	1740228	502365	94.070	77.481
10) L2 AR-1221-3	4.838	3.995	157895	86841	2.914	4.293 #
11) L3 AR-1232-1	4.838	3.995	157895	86841	3.451	5.066 #
12) L3 AR-1232-2	5.370	4.720	447121	214475	18.934	14.000 #
13) L3 AR-1232-3	5.665	4.894	877015	134486	22.207	16.808
14) L3 AR-1232-4	5.845	4.978	62252	2162066	3.263	281.015 #
15) L3 AR-1232-5	5.913	5.150	16915538	4419807	1015.450	519.636 #
16) L4 AR-1242-1	5.638	4.720	735667	214475	16.993	12.207 #
17) L4 AR-1242-2	5.665	4.720	877015	214475	13.693	8.850 #
18) L4 AR-1242-3	5.726	4.894	291409	134486	7.244	10.490 #
19) L4 AR-1242-4	5.845	4.978	62252	2162066	1.989	153.591 #
20) L4 AR-1242-5	6.564	5.501	11287761	17521087	365.908	1048.465 #
21) L5 AR-1248-1	5.638	4.720	735667	214475	21.655	15.474 #
22) L5 AR-1248-2	5.913	4.938	16915538	7029464	323.227	353.887
23) L5 AR-1248-3	6.118	4.978	7641379	2162066	134.112	103.679
24) L5 AR-1248-4	6.522	5.150	14094981	4419807	258.473	179.788 #
25) L5 AR-1248-5	6.564	5.542	11287761	2301399	198.707	105.965 #
26) L6 AR-1254-1	6.497	5.501	29974798	17521087	455.357	494.480
27) L6 AR-1254-2	6.715	5.649	44081739	15591070	457.903	487.458
28) L6 AR-1254-3	7.082	6.052	41784285	23677785	467.474	484.332
29) L6 AR-1254-4	7.368	6.280	27495210	14168741	501.888	540.651
30) L6 AR-1254-5	7.788	6.697	33781228	21473797	501.690	509.403
31) L7 AR-1260-1	7.247	6.181	17713592	12356913	247.186	350.298 #
32) L7 AR-1260-2	7.503	6.370	19007373	10154739	240.914	253.321
33) L7 AR-1260-3	7.848	6.522	4743587	5107473	86.858	135.072 #
34) L7 AR-1260-4	8.077	6.993	13077107	1067762	208.710	36.951 #
35) L7 AR-1260-5	8.414	7.236	4921903	2399734	45.992	39.876
36) L8 AR-1262-1	7.848	6.767	4743587	1839757	52.409	39.210 #
37) L8 AR-1262-2	8.414	6.993	4921903	1067762	36.921	25.719 #
38) L8 AR-1262-3	8.746	7.522	4065758	139871	41.346	4.378 #
39) L8 AR-1262-4	8.863	7.581	64685	2590039	0.807	47.110 #
40) L8 AR-1262-5	9.516	8.079	17057	66688	0.388	2.655 #
41) L9 AR-1268-1	8.746	7.542	4065758	39089	23.604	0.438 #

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 ALS Vial : 6 Sample Multiplier: 1

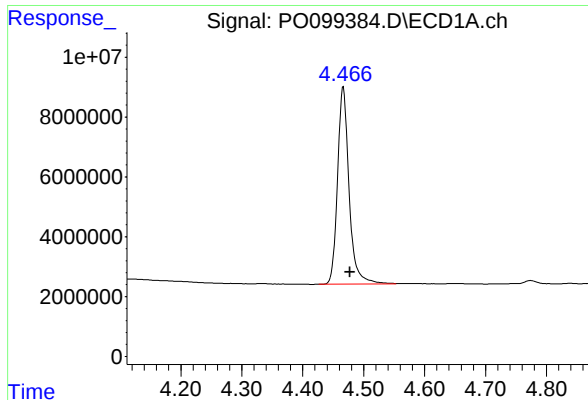
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 04 06:14:16 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0102523.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	8.863	7.581	64685	2590039	0.413	32.803 #
43) L9	AR-1268-3	9.073	7.808	21945	26597	0.157	0.378 #
44) L9	AR-1268-4	9.516	8.079	17057	66688	0.340	2.420 #
45) L9	AR-1268-5	9.910	8.385	261099	25239	0.638	0.132 #

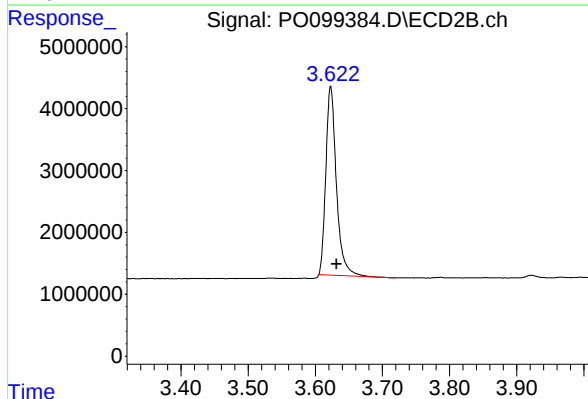
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

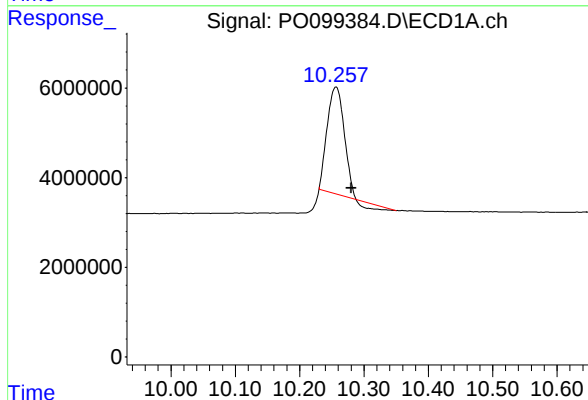
R.T.: 4.466 min
Delta R.T.: -0.011 min
Response: 86838357
Conc: 43.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



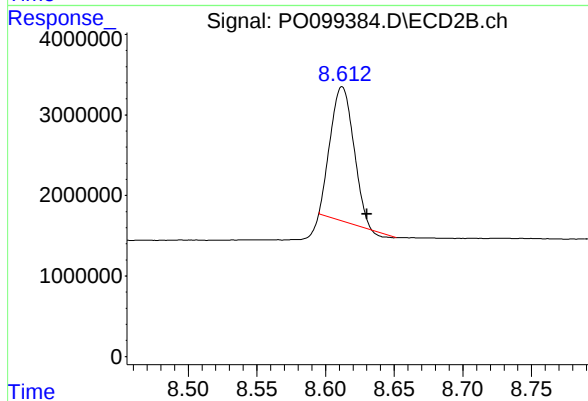
#1 Tetrachloro-m-xylene

R.T.: 3.623 min
Delta R.T.: -0.009 min
Response: 33292552
Conc: 46.26 ng/ml



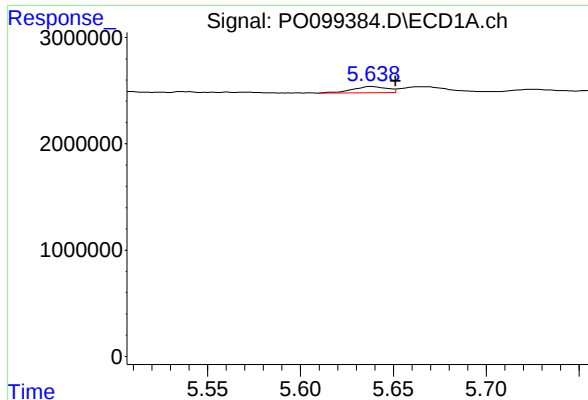
#2 Decachlorobiphenyl

R.T.: 10.257 min
Delta R.T.: -0.023 min
Response: 41024327
Conc: 36.21 ng/ml



#2 Decachlorobiphenyl

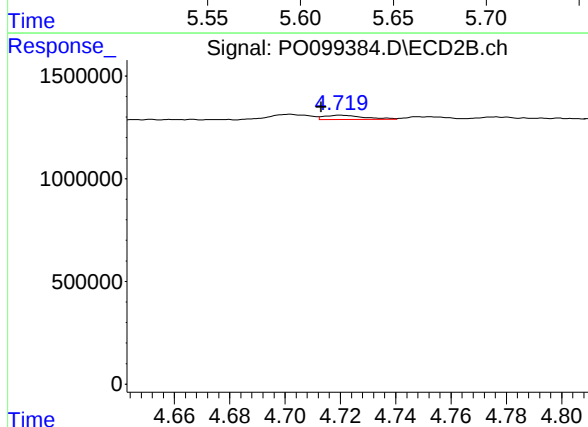
R.T.: 8.612 min
Delta R.T.: -0.018 min
Response: 19500192
Conc: 36.34 ng/ml



#3 AR-1016-1

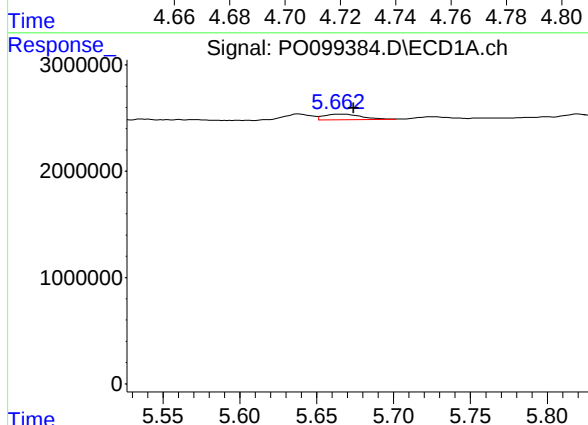
R.T.: 5.638 min
Delta R.T.: -0.013 min
Response: 735667
Conc: 13.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



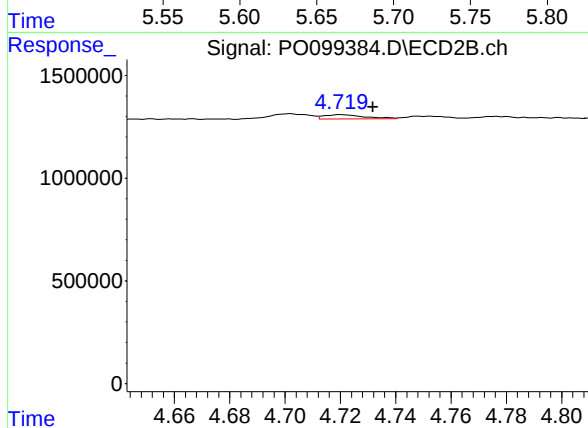
#3 AR-1016-1

R.T.: 4.720 min
Delta R.T.: 0.007 min
Response: 214475
Conc: 9.58 ng/ml



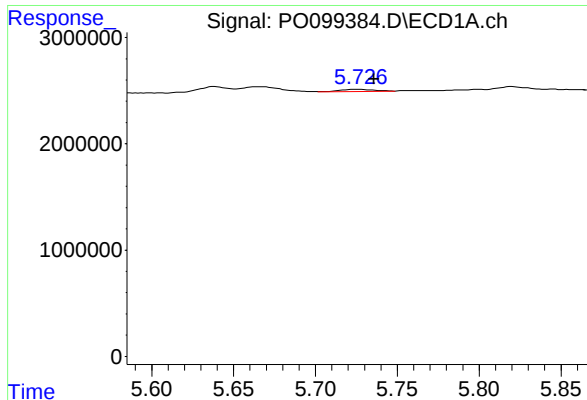
#4 AR-1016-2

R.T.: 5.665 min
Delta R.T.: -0.009 min
Response: 877015
Conc: 10.61 ng/ml



#4 AR-1016-2

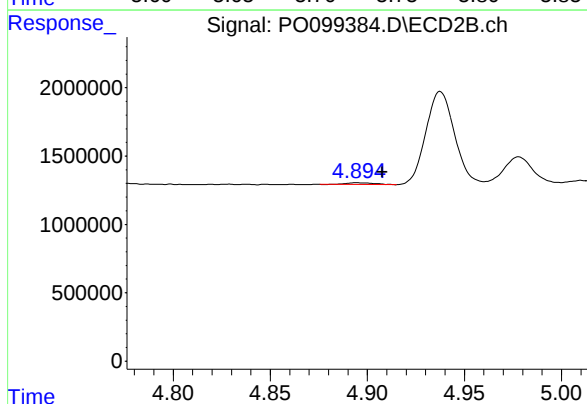
R.T.: 4.720 min
Delta R.T.: -0.012 min
Response: 214475
Conc: 6.86 ng/ml



#5 AR-1016-3

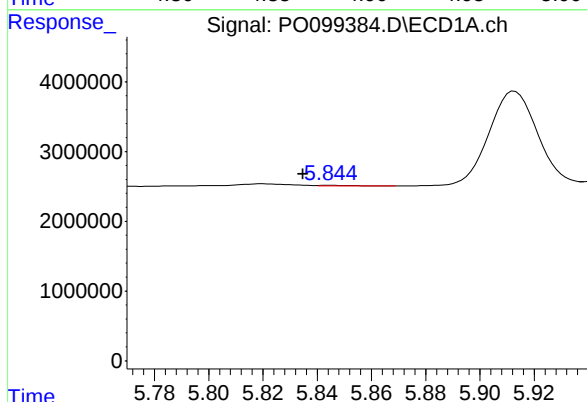
R.T.: 5.726 min
Delta R.T.: -0.010 min
Response: 291409
Conc: 5.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



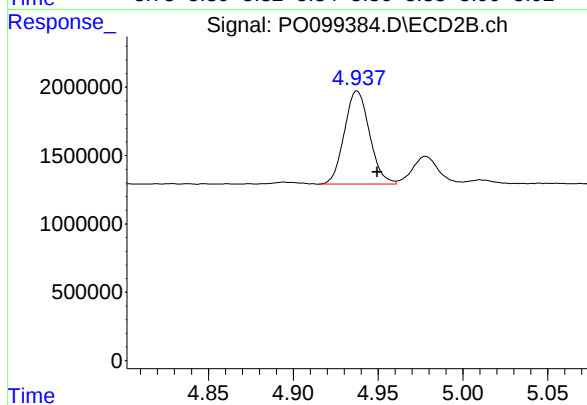
#5 AR-1016-3

R.T.: 4.894 min
Delta R.T.: -0.013 min
Response: 134486
Conc: 7.94 ng/ml



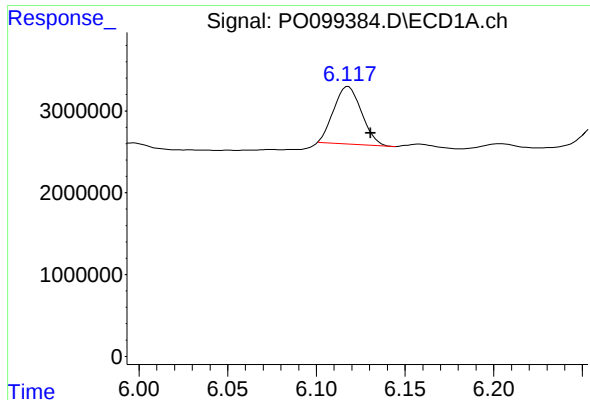
#6 AR-1016-4

R.T.: 5.845 min
Delta R.T.: 0.010 min
Response: 62252
Conc: 1.53 ng/ml



#6 AR-1016-4

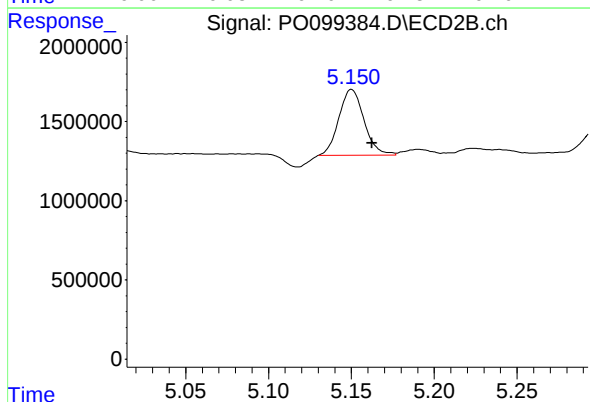
R.T.: 4.938 min
Delta R.T.: -0.012 min
Response: 7029464
Conc: 486.21 ng/ml



#7 AR-1016-5

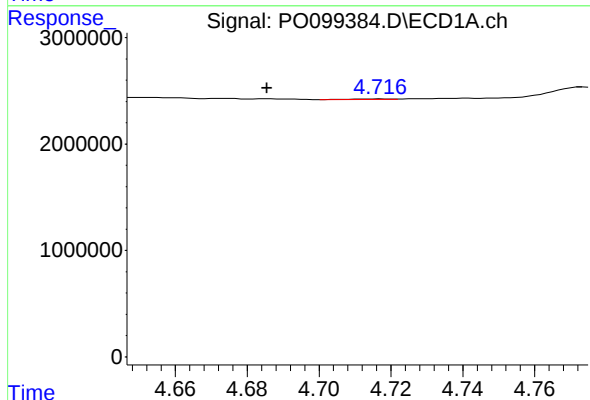
R.T.: 6.118 min
Delta R.T.: -0.013 min
Response: 7641379
Conc: 180.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



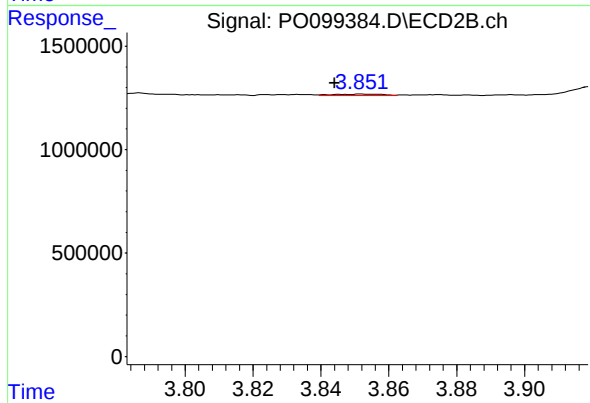
#7 AR-1016-5

R.T.: 5.150 min
Delta R.T.: -0.012 min
Response: 4419807
Conc: 236.58 ng/ml



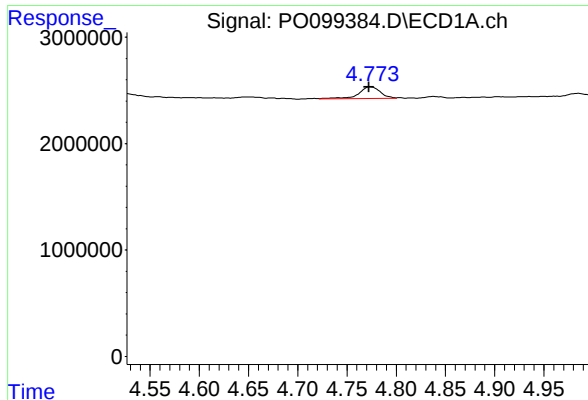
#8 AR-1221-1

R.T.: 4.717 min
Delta R.T.: 0.031 min
Response: 54548
Conc: 2.20 ng/ml



#8 AR-1221-1

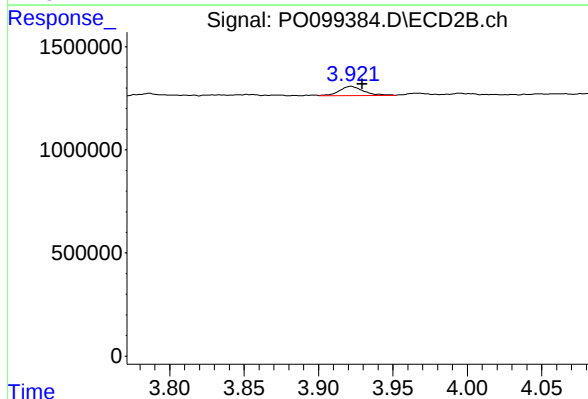
R.T.: 3.852 min
Delta R.T.: 0.008 min
Response: 68749
Conc: 7.40 ng/ml



#9 AR-1221-2

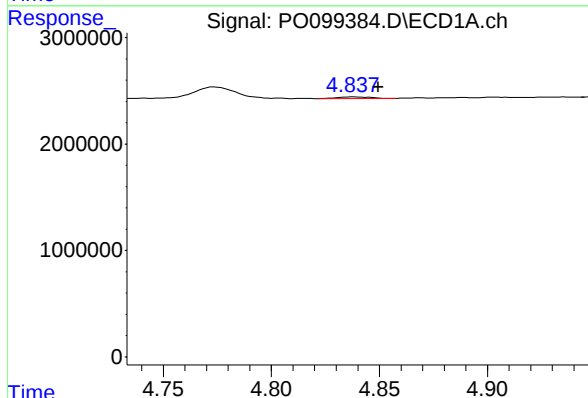
R.T.: 4.774 min
Delta R.T.: 0.002 min
Response: 1740228
Conc: 94.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



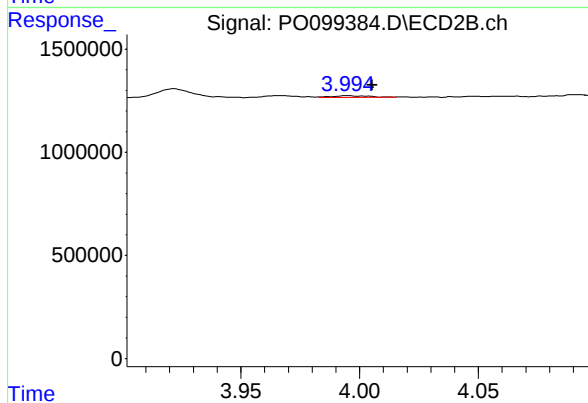
#9 AR-1221-2

R.T.: 3.922 min
Delta R.T.: -0.008 min
Response: 502365
Conc: 77.48 ng/ml



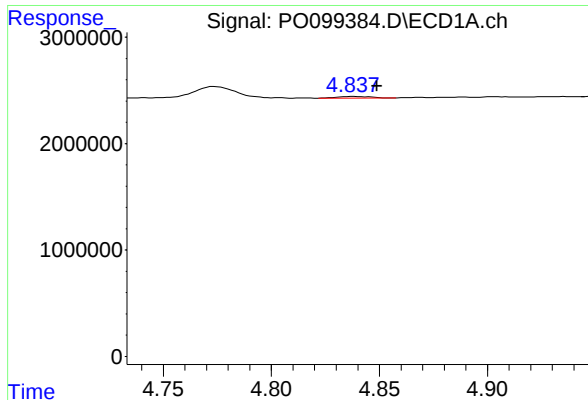
#10 AR-1221-3

R.T.: 4.838 min
Delta R.T.: -0.012 min
Response: 157895
Conc: 2.91 ng/ml



#10 AR-1221-3

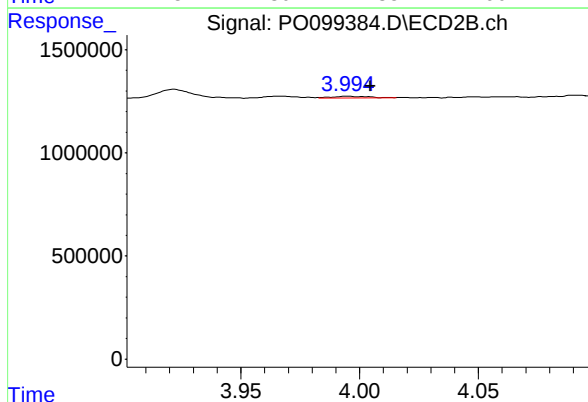
R.T.: 3.995 min
Delta R.T.: -0.010 min
Response: 86841
Conc: 4.29 ng/ml



#11 AR-1232-1

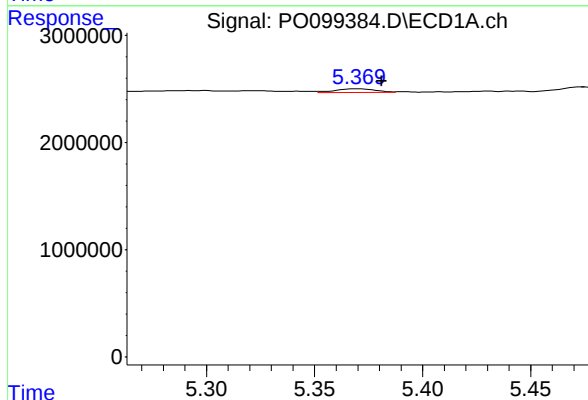
R.T.: 4.838 min
Delta R.T.: -0.011 min
Response: 157895
Conc: 3.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



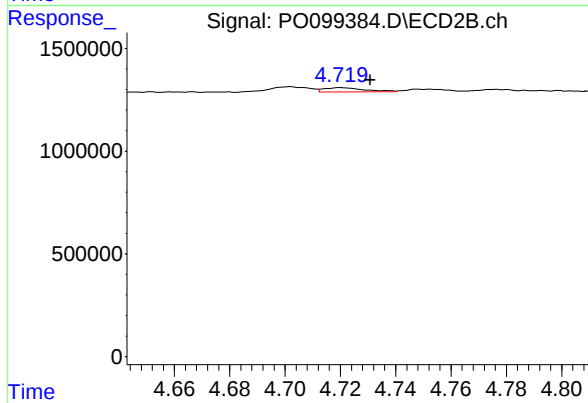
#11 AR-1232-1

R.T.: 3.995 min
Delta R.T.: -0.010 min
Response: 86841
Conc: 5.07 ng/ml



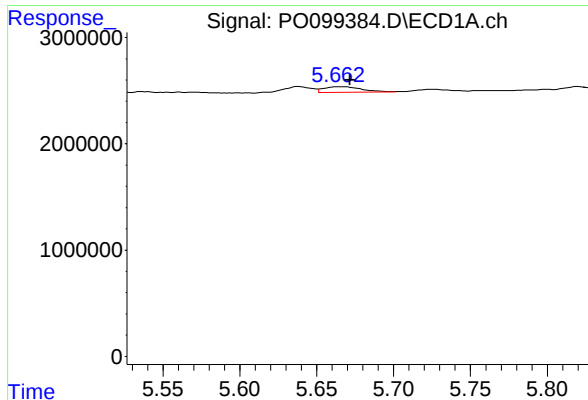
#12 AR-1232-2

R.T.: 5.370 min
Delta R.T.: -0.011 min
Response: 447121
Conc: 18.93 ng/ml



#12 AR-1232-2

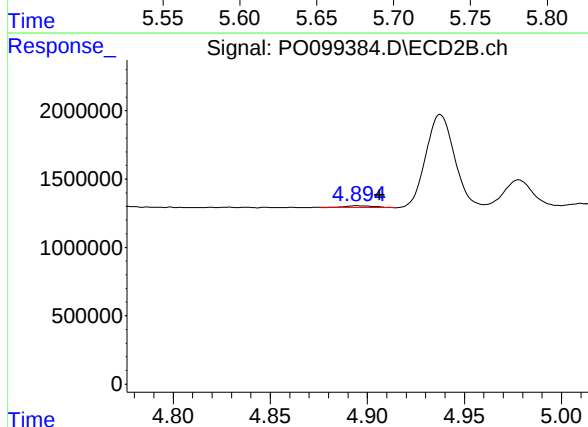
R.T.: 4.720 min
Delta R.T.: -0.011 min
Response: 214475
Conc: 14.00 ng/ml



#13 AR-1232-3

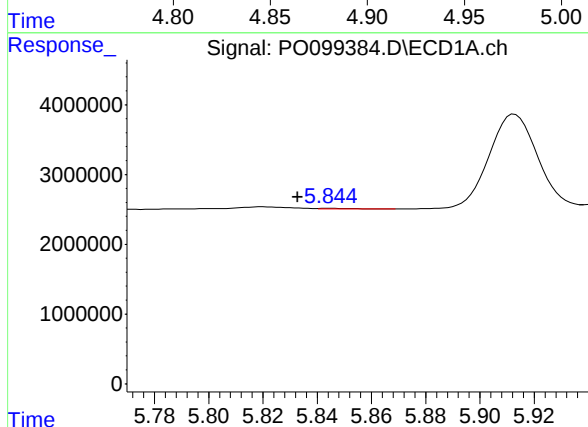
R.T.: 5.665 min
Delta R.T.: -0.007 min
Response: 877015
Conc: 22.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



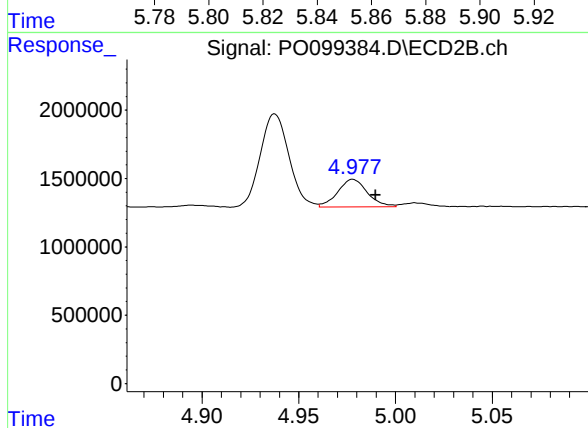
#13 AR-1232-3

R.T.: 4.894 min
Delta R.T.: -0.012 min
Response: 134486
Conc: 16.81 ng/ml



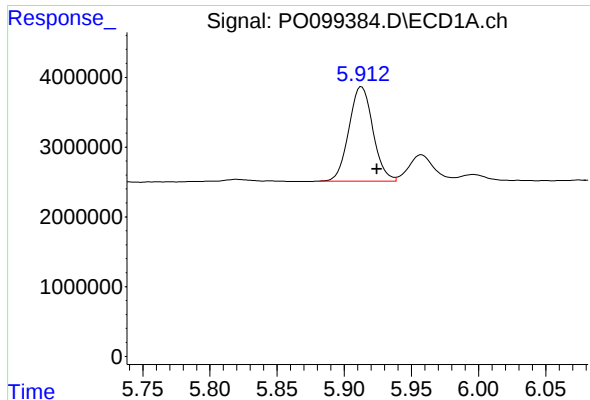
#14 AR-1232-4

R.T.: 5.845 min
Delta R.T.: 0.012 min
Response: 62252
Conc: 3.26 ng/ml



#14 AR-1232-4

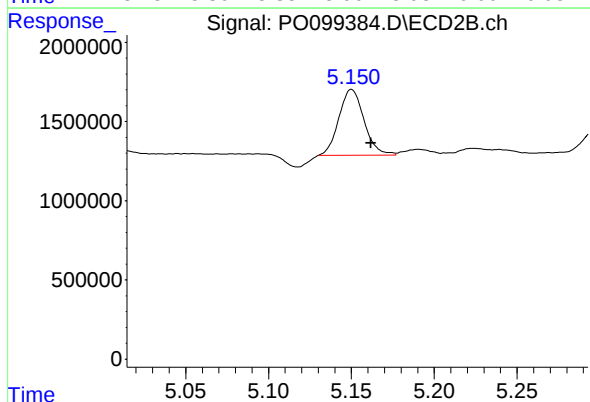
R.T.: 4.978 min
Delta R.T.: -0.012 min
Response: 2162066
Conc: 281.01 ng/ml



#15 AR-1232-5

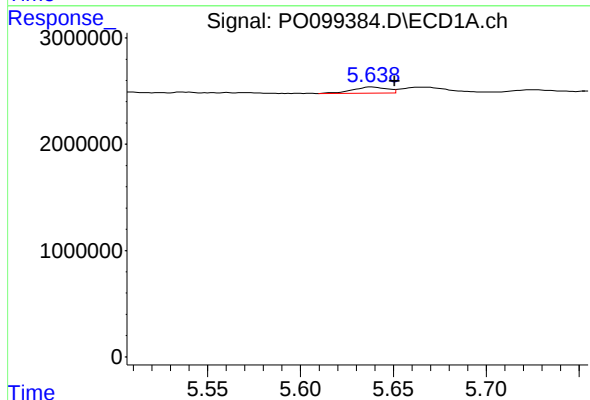
R.T.: 5.913 min
Delta R.T.: -0.011 min
Response: 16915538
Conc: 1015.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



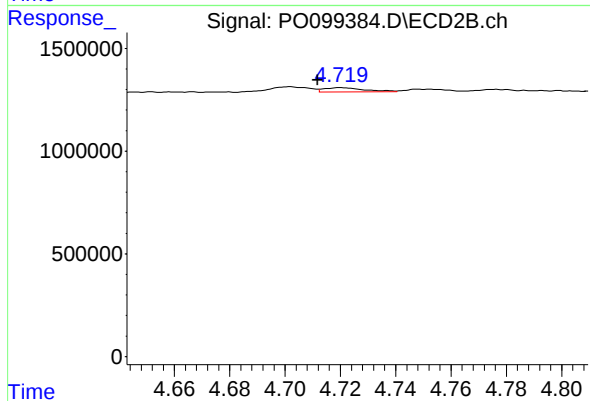
#15 AR-1232-5

R.T.: 5.150 min
Delta R.T.: -0.012 min
Response: 4419807
Conc: 519.64 ng/ml



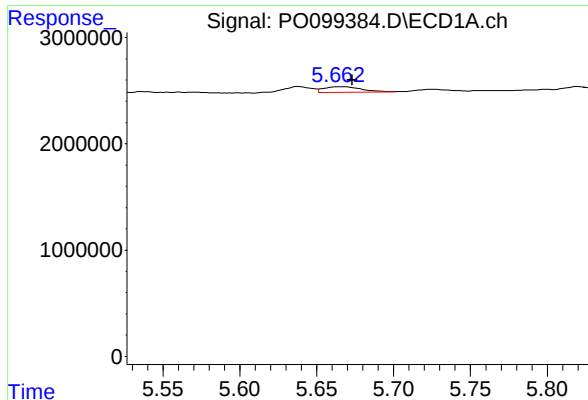
#16 AR-1242-1

R.T.: 5.638 min
Delta R.T.: -0.012 min
Response: 735667
Conc: 16.99 ng/ml



#16 AR-1242-1

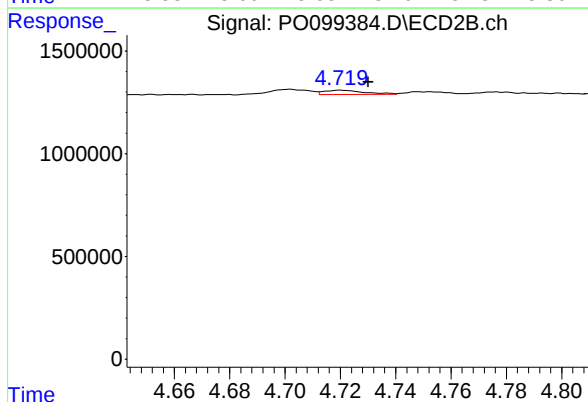
R.T.: 4.720 min
Delta R.T.: 0.008 min
Response: 214475
Conc: 12.21 ng/ml



#17 AR-1242-2

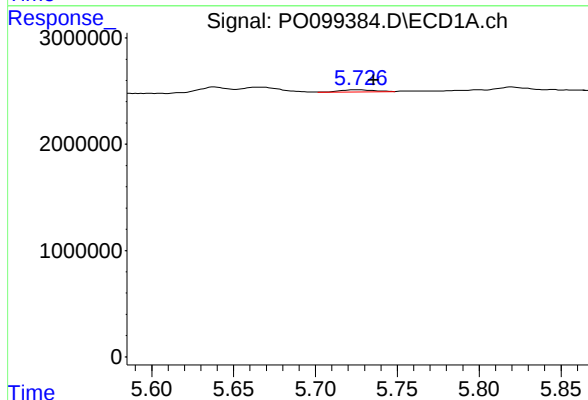
R.T.: 5.665 min
Delta R.T.: -0.009 min
Response: 877015
Conc: 13.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



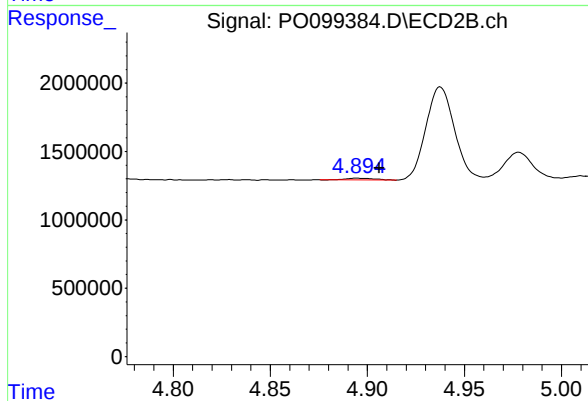
#17 AR-1242-2

R.T.: 4.720 min
Delta R.T.: -0.010 min
Response: 214475
Conc: 8.85 ng/ml



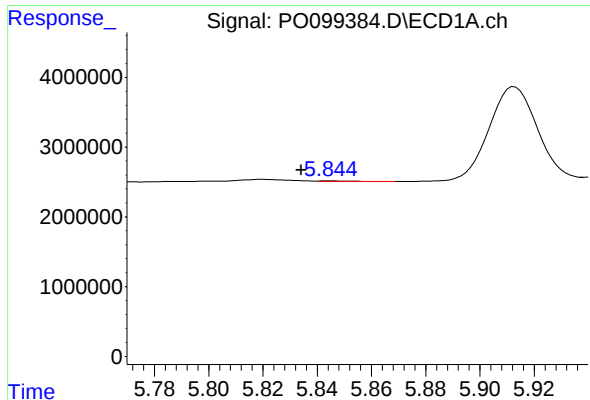
#18 AR-1242-3

R.T.: 5.726 min
Delta R.T.: -0.009 min
Response: 291409
Conc: 7.24 ng/ml



#18 AR-1242-3

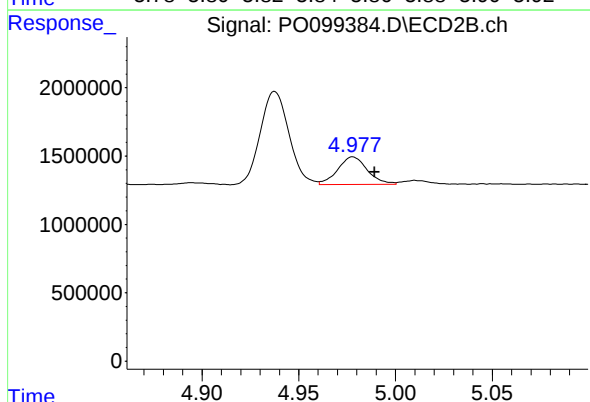
R.T.: 4.894 min
Delta R.T.: -0.012 min
Response: 134486
Conc: 10.49 ng/ml



#19 AR-1242-4

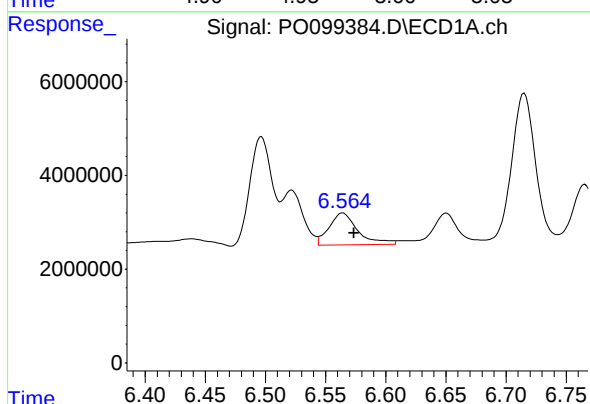
R.T.: 5.845 min
Delta R.T.: 0.011 min
Response: 62252
Conc: 1.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



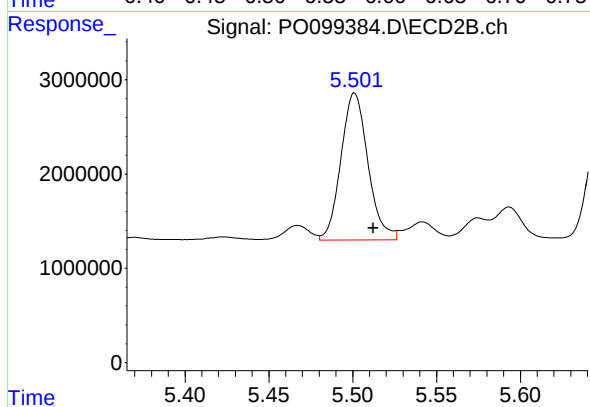
#19 AR-1242-4

R.T.: 4.978 min
Delta R.T.: -0.011 min
Response: 2162066
Conc: 153.59 ng/ml



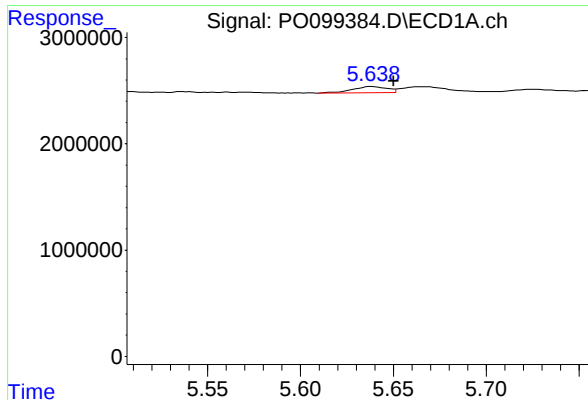
#20 AR-1242-5

R.T.: 6.564 min
Delta R.T.: -0.009 min
Response: 11287761
Conc: 365.91 ng/ml



#20 AR-1242-5

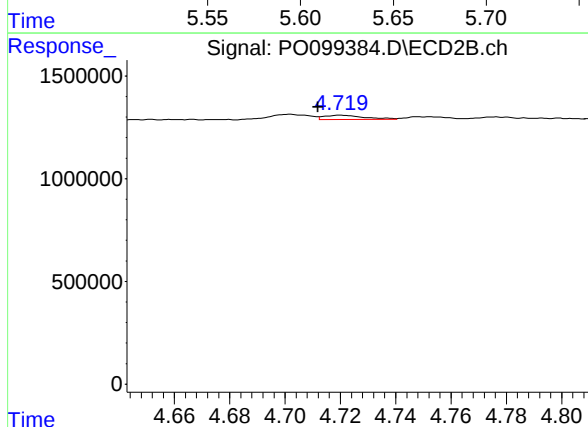
R.T.: 5.501 min
Delta R.T.: -0.011 min
Response: 17521087
Conc: 1048.46 ng/ml



#21 AR-1248-1

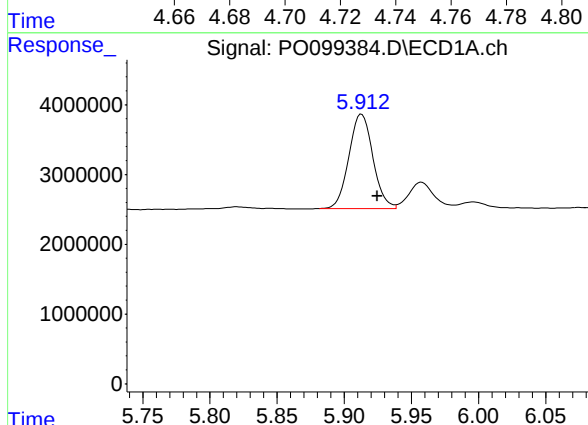
R.T.: 5.638 min
Delta R.T.: -0.012 min
Response: 735667
Conc: 21.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



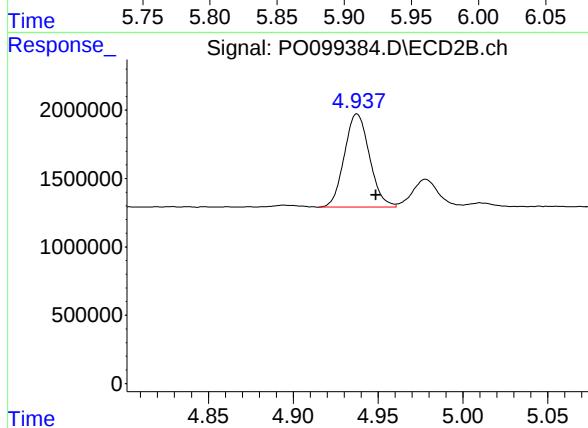
#21 AR-1248-1

R.T.: 4.720 min
Delta R.T.: 0.008 min
Response: 214475
Conc: 15.47 ng/ml



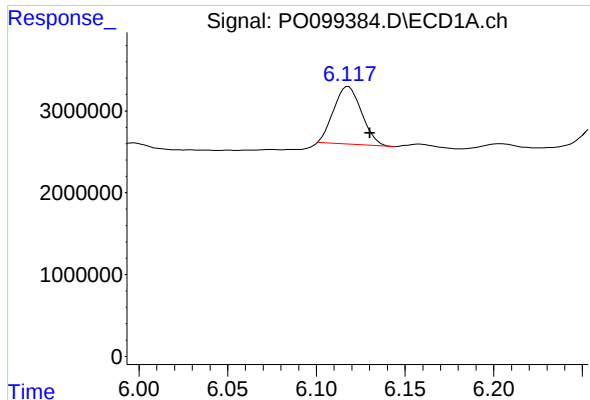
#22 AR-1248-2

R.T.: 5.913 min
Delta R.T.: -0.012 min
Response: 16915538
Conc: 323.23 ng/ml



#22 AR-1248-2

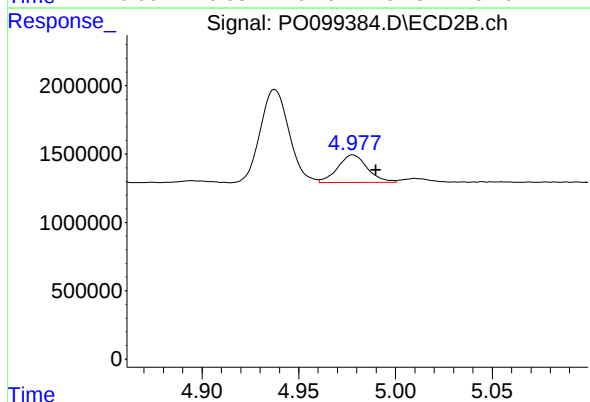
R.T.: 4.938 min
Delta R.T.: -0.011 min
Response: 7029464
Conc: 353.89 ng/ml



#23 AR-1248-3

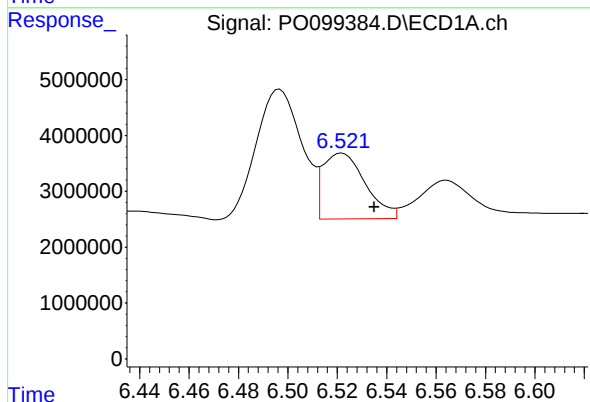
R.T.: 6.118 min
Delta R.T.: -0.012 min
Response: 7641379
Conc: 134.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



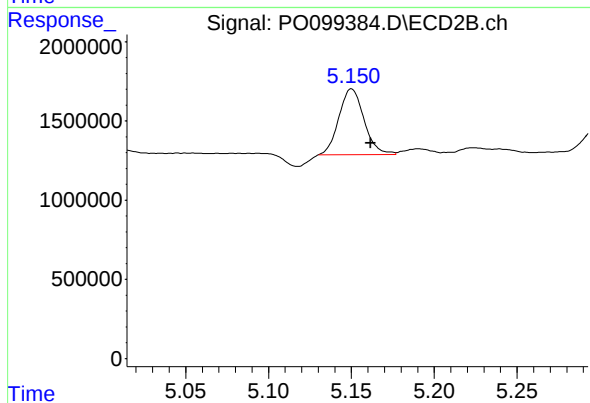
#23 AR-1248-3

R.T.: 4.978 min
Delta R.T.: -0.012 min
Response: 2162066
Conc: 103.68 ng/ml



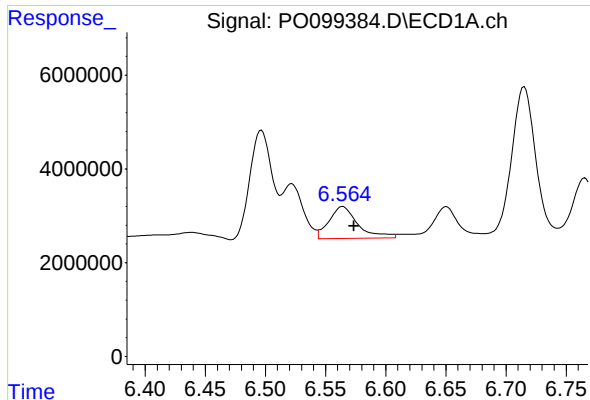
#24 AR-1248-4

R.T.: 6.522 min
Delta R.T.: -0.013 min
Response: 14094981
Conc: 258.47 ng/ml



#24 AR-1248-4

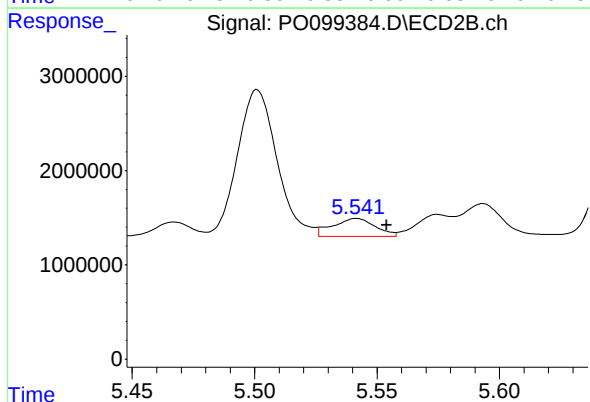
R.T.: 5.150 min
Delta R.T.: -0.011 min
Response: 4419807
Conc: 179.79 ng/ml



#25 AR-1248-5

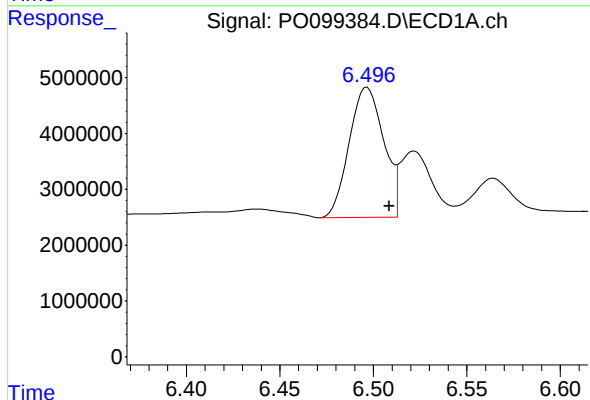
R.T.: 6.564 min
Delta R.T.: -0.009 min
Response: 11287761
Conc: 198.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



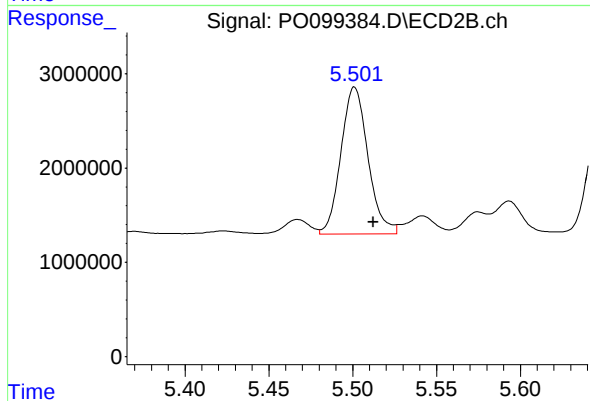
#25 AR-1248-5

R.T.: 5.542 min
Delta R.T.: -0.012 min
Response: 2301399
Conc: 105.97 ng/ml



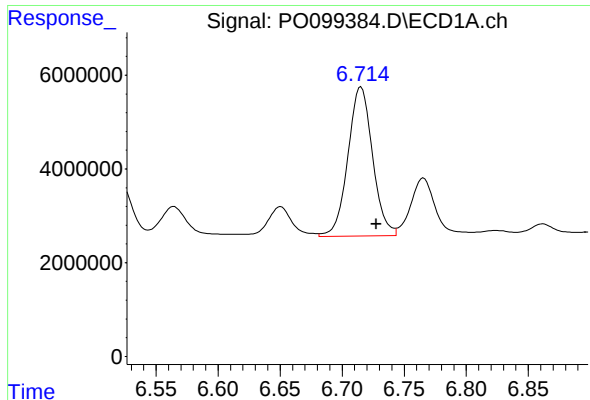
#26 AR-1254-1

R.T.: 6.497 min
Delta R.T.: -0.012 min
Response: 29974798
Conc: 455.36 ng/ml



#26 AR-1254-1

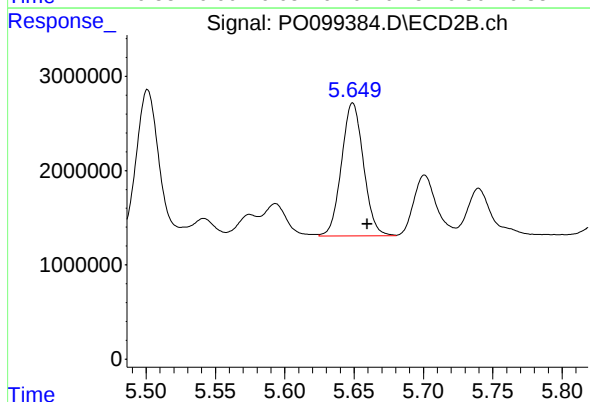
R.T.: 5.501 min
Delta R.T.: -0.011 min
Response: 17521087
Conc: 494.48 ng/ml



#27 AR-1254-2

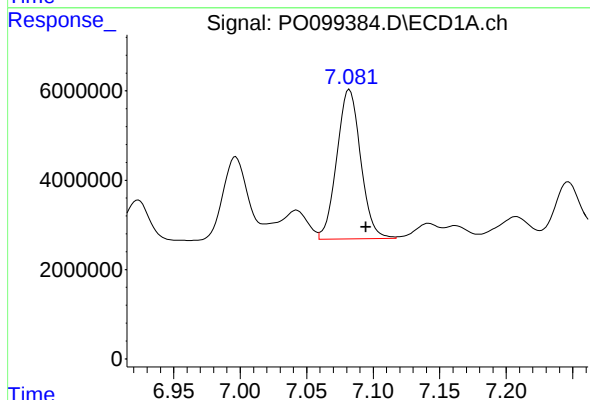
R.T.: 6.715 min
Delta R.T.: -0.012 min
Response: 44081739
Conc: 457.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



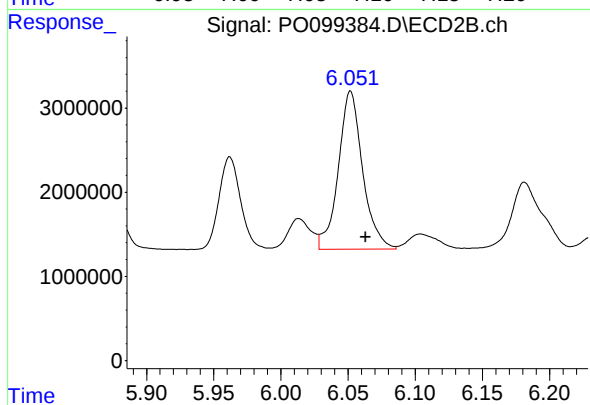
#27 AR-1254-2

R.T.: 5.649 min
Delta R.T.: -0.011 min
Response: 15591070
Conc: 487.46 ng/ml



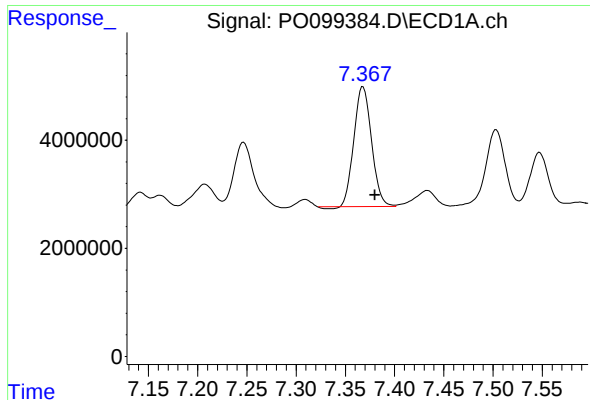
#28 AR-1254-3

R.T.: 7.082 min
Delta R.T.: -0.013 min
Response: 41784285
Conc: 467.47 ng/ml



#28 AR-1254-3

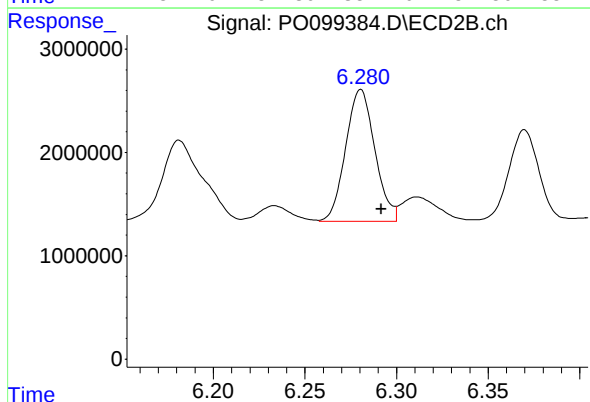
R.T.: 6.052 min
Delta R.T.: -0.011 min
Response: 23677785
Conc: 484.33 ng/ml



#29 AR-1254-4

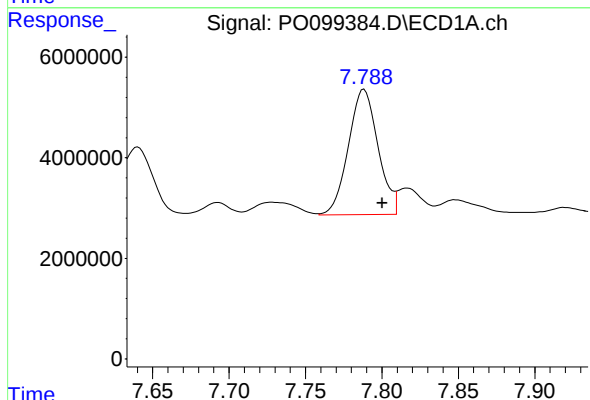
R.T.: 7.368 min
Delta R.T.: -0.012 min
Response: 27495210
Conc: 501.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



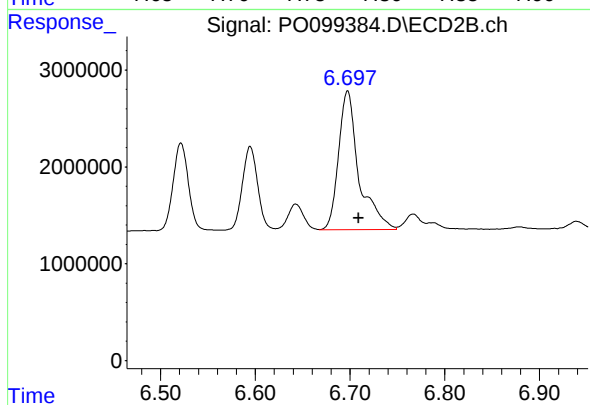
#29 AR-1254-4

R.T.: 6.280 min
Delta R.T.: -0.011 min
Response: 14168741
Conc: 540.65 ng/ml



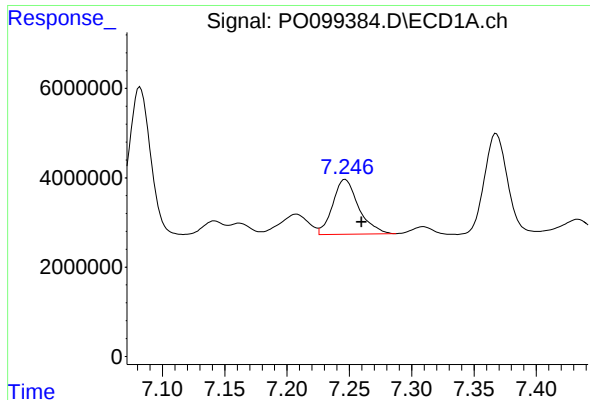
#30 AR-1254-5

R.T.: 7.788 min
Delta R.T.: -0.012 min
Response: 33781228
Conc: 501.69 ng/ml



#30 AR-1254-5

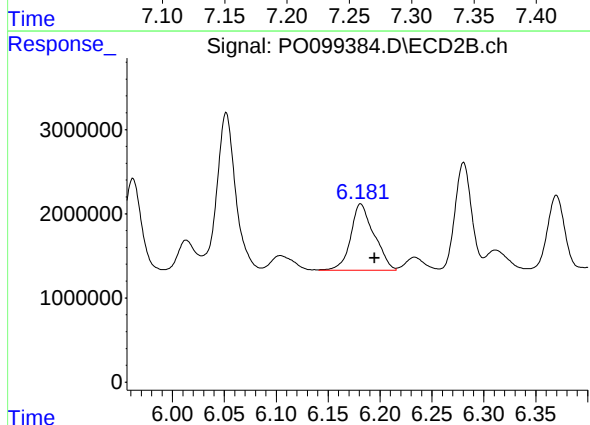
R.T.: 6.697 min
Delta R.T.: -0.012 min
Response: 21473797
Conc: 509.40 ng/ml



#31 AR-1260-1

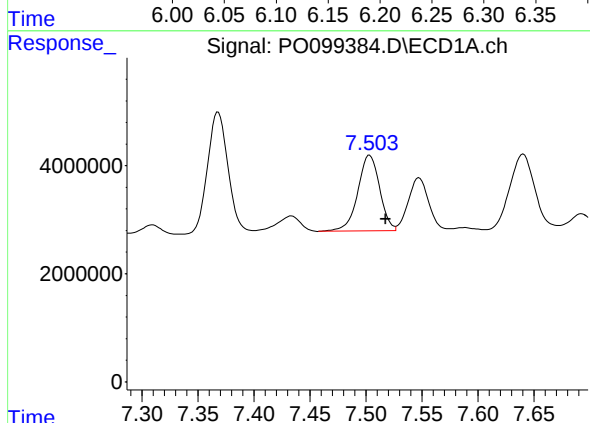
R.T.: 7.247 min
Delta R.T.: -0.013 min
Response: 17713592
Conc: 247.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



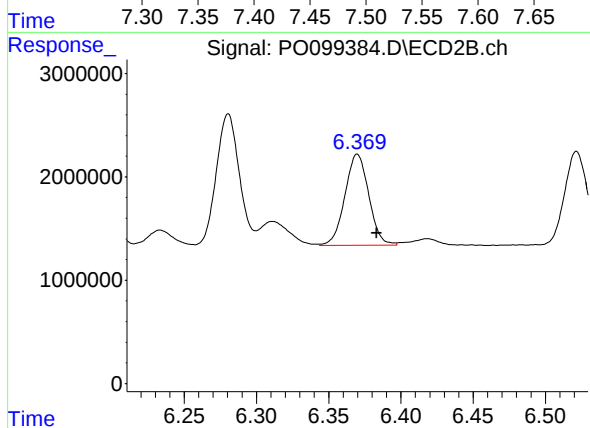
#31 AR-1260-1

R.T.: 6.181 min
Delta R.T.: -0.014 min
Response: 12356913
Conc: 350.30 ng/ml



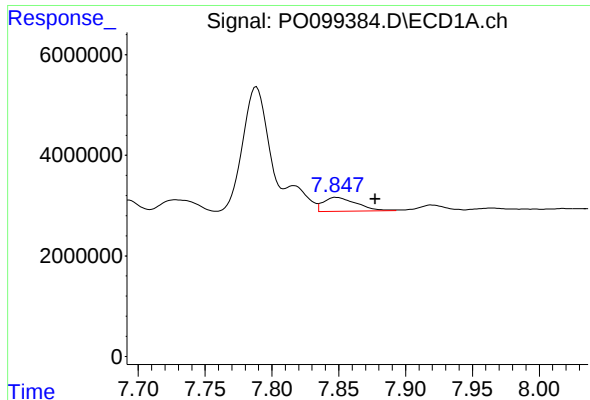
#32 AR-1260-2

R.T.: 7.503 min
Delta R.T.: -0.014 min
Response: 19007373
Conc: 240.91 ng/ml



#32 AR-1260-2

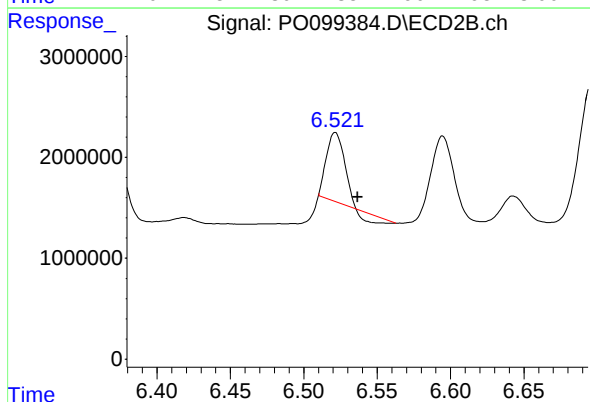
R.T.: 6.370 min
Delta R.T.: -0.013 min
Response: 10154739
Conc: 253.32 ng/ml



#33 AR-1260-3

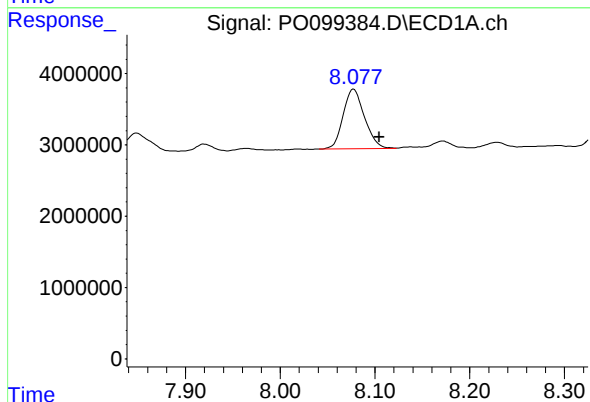
R.T.: 7.848 min
Delta R.T.: -0.029 min
Response: 4743587
Conc: 86.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



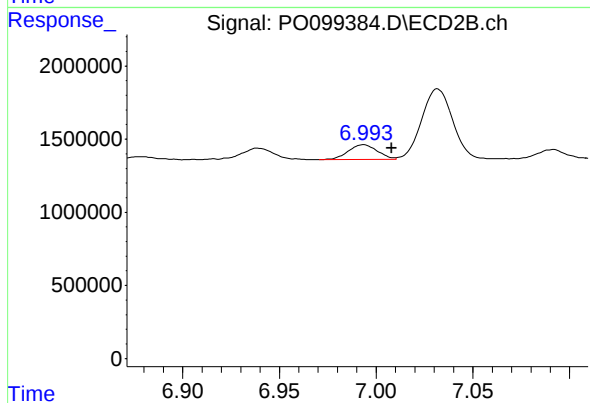
#33 AR-1260-3

R.T.: 6.522 min
Delta R.T.: -0.015 min
Response: 5107473
Conc: 135.07 ng/ml



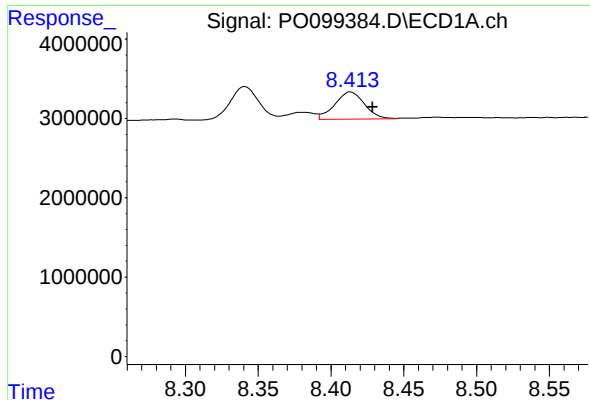
#34 AR-1260-4

R.T.: 8.077 min
Delta R.T.: -0.027 min
Response: 13077107
Conc: 208.71 ng/ml



#34 AR-1260-4

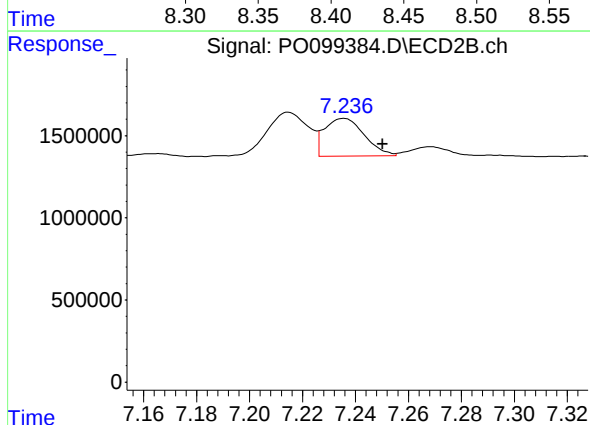
R.T.: 6.993 min
Delta R.T.: -0.015 min
Response: 1067762
Conc: 36.95 ng/ml



#35 AR-1260-5

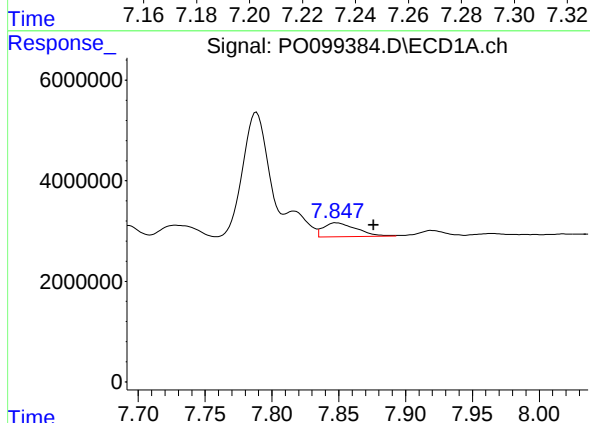
R.T.: 8.414 min
Delta R.T.: -0.015 min
Response: 4921903
Conc: 45.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



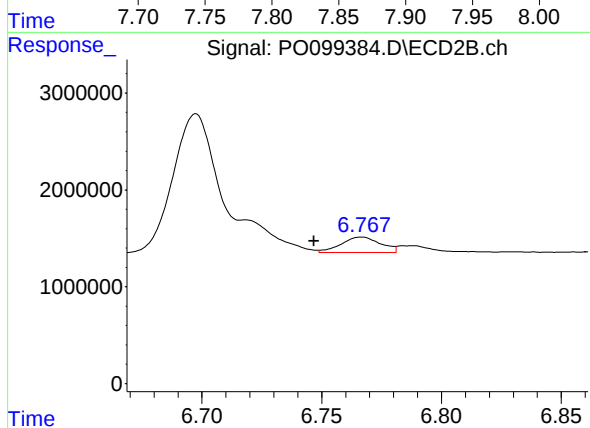
#35 AR-1260-5

R.T.: 7.236 min
Delta R.T.: -0.015 min
Response: 2399734
Conc: 39.88 ng/ml



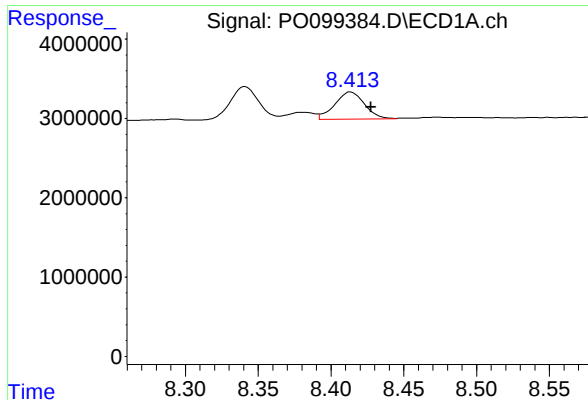
#36 AR-1262-1

R.T.: 7.848 min
Delta R.T.: -0.028 min
Response: 4743587
Conc: 52.41 ng/ml



#36 AR-1262-1

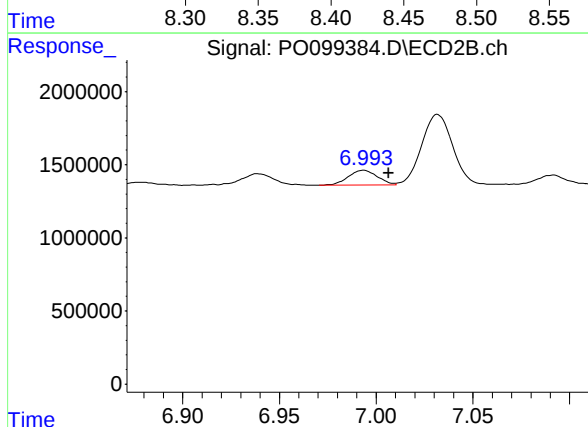
R.T.: 6.767 min
Delta R.T.: 0.020 min
Response: 1839757
Conc: 39.21 ng/ml



#37 AR-1262-2

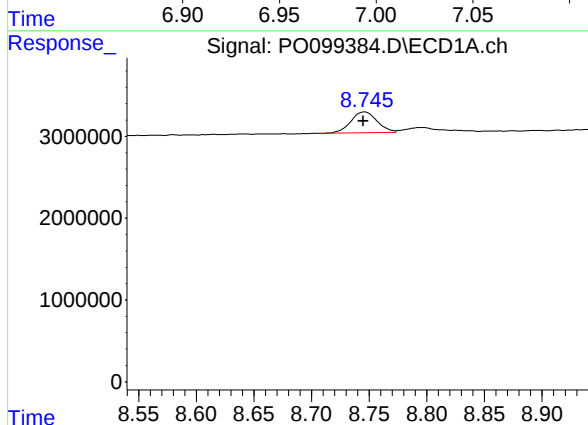
R.T.: 8.414 min
Delta R.T.: -0.014 min
Response: 4921903
Conc: 36.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



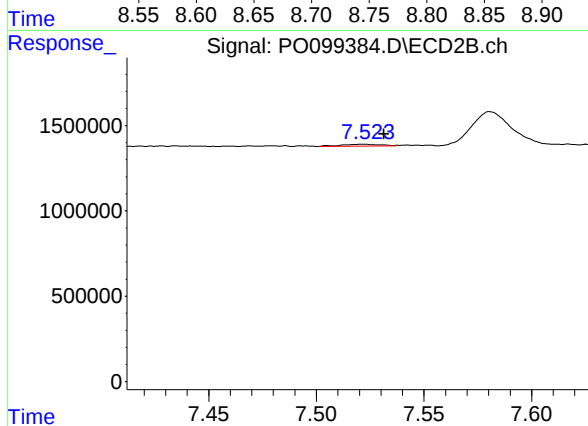
#37 AR-1262-2

R.T.: 6.993 min
Delta R.T.: -0.013 min
Response: 1067762
Conc: 25.72 ng/ml



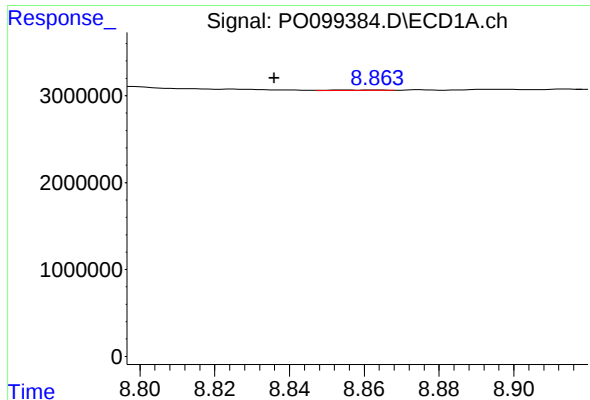
#38 AR-1262-3

R.T.: 8.746 min
Delta R.T.: 0.001 min
Response: 4065758
Conc: 41.35 ng/ml



#38 AR-1262-3

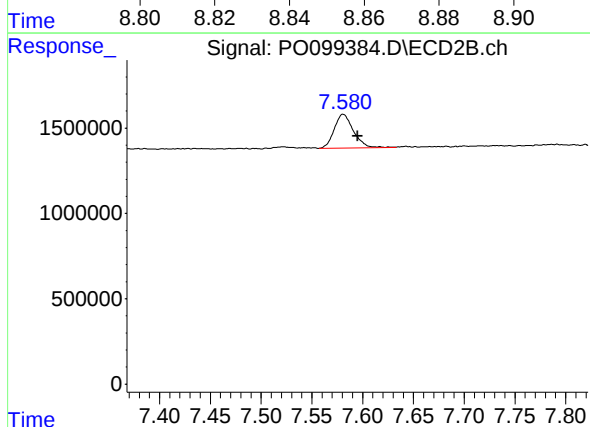
R.T.: 7.522 min
Delta R.T.: -0.009 min
Response: 139871
Conc: 4.38 ng/ml



#39 AR-1262-4

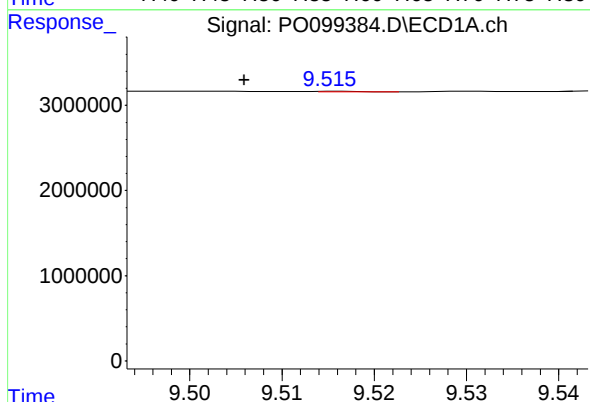
R.T.: 8.863 min
Delta R.T.: 0.027 min
Response: 64685
Conc: 0.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



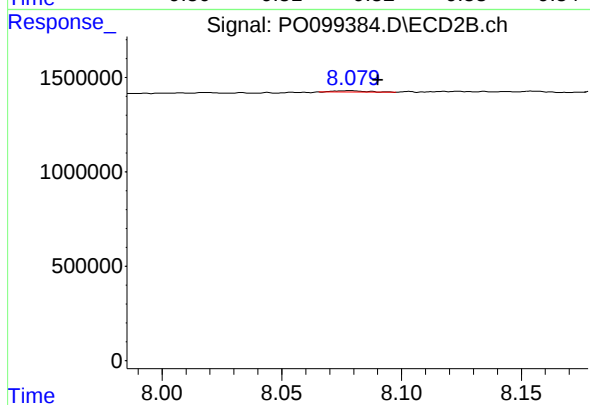
#39 AR-1262-4

R.T.: 7.581 min
Delta R.T.: -0.014 min
Response: 2590039
Conc: 47.11 ng/ml



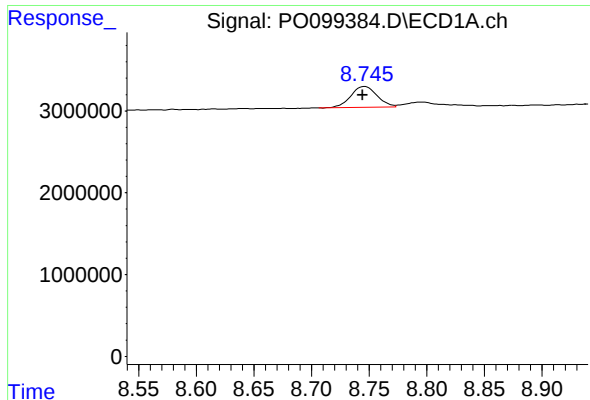
#40 AR-1262-5

R.T.: 9.516 min
Delta R.T.: 0.011 min
Response: 17057
Conc: 0.39 ng/ml



#40 AR-1262-5

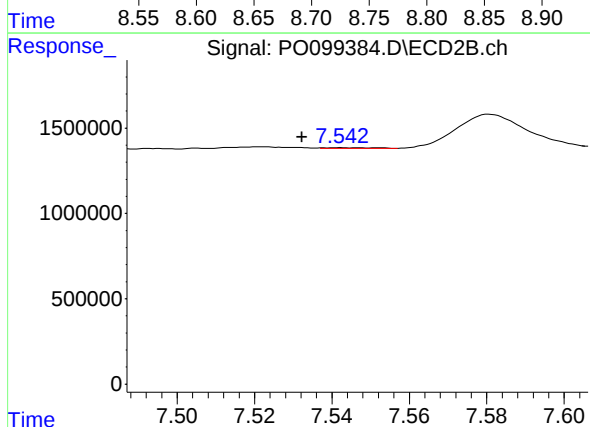
R.T.: 8.079 min
Delta R.T.: -0.011 min
Response: 66688
Conc: 2.66 ng/ml



#41 AR-1268-1

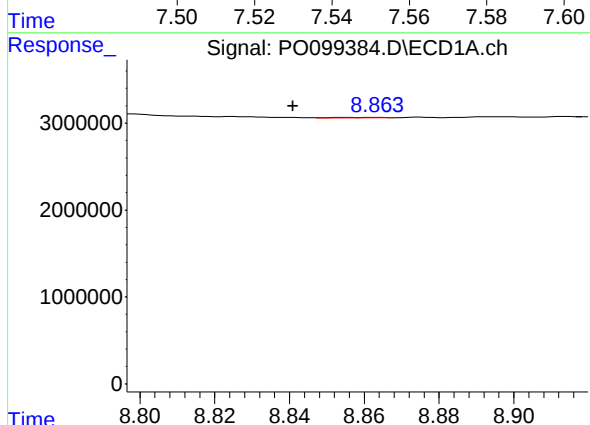
R.T.: 8.746 min
Delta R.T.: 0.002 min
Response: 4065758
Conc: 23.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



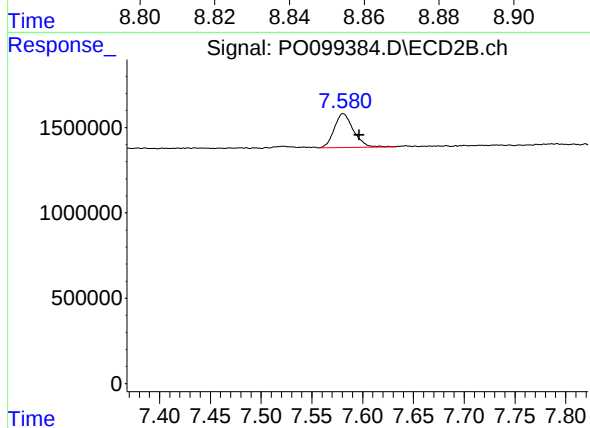
#41 AR-1268-1

R.T.: 7.542 min
Delta R.T.: 0.010 min
Response: 39089
Conc: 0.44 ng/ml



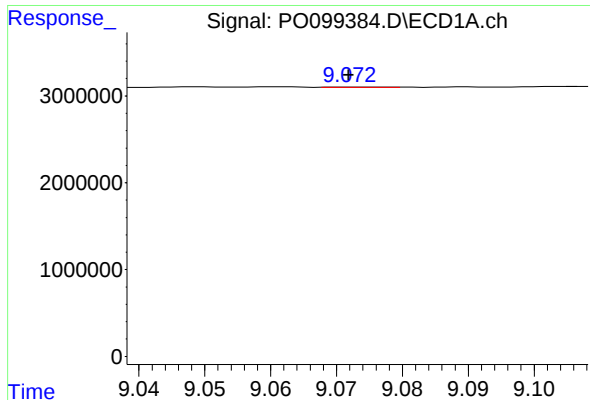
#42 AR-1268-2

R.T.: 8.863 min
Delta R.T.: 0.022 min
Response: 64685
Conc: 0.41 ng/ml



#42 AR-1268-2

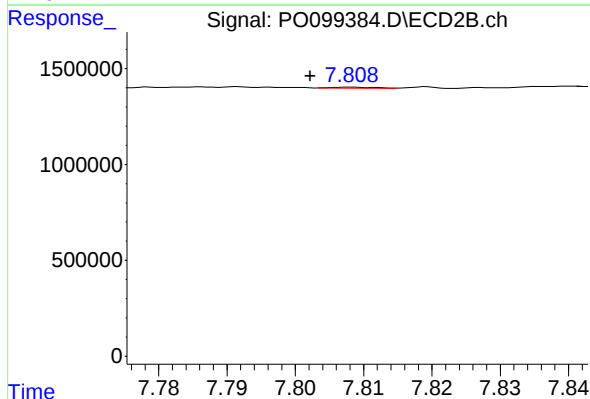
R.T.: 7.581 min
Delta R.T.: -0.016 min
Response: 2590039
Conc: 32.80 ng/ml



#43 AR-1268-3

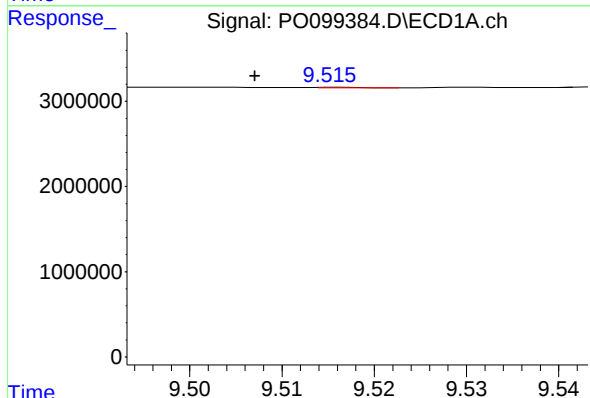
R.T.: 9.073 min
Delta R.T.: 0.001 min
Response: 21945
Conc: 0.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



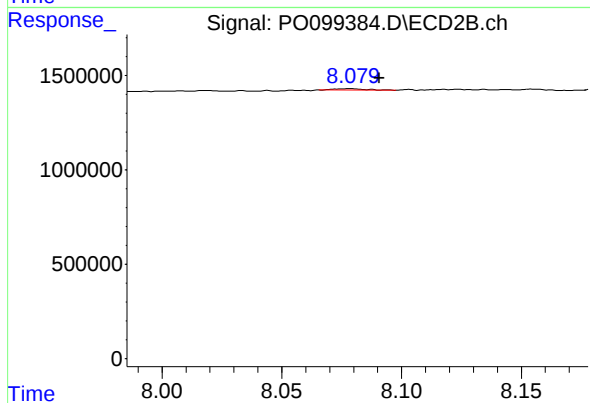
#43 AR-1268-3

R.T.: 7.808 min
Delta R.T.: 0.006 min
Response: 26597
Conc: 0.38 ng/ml



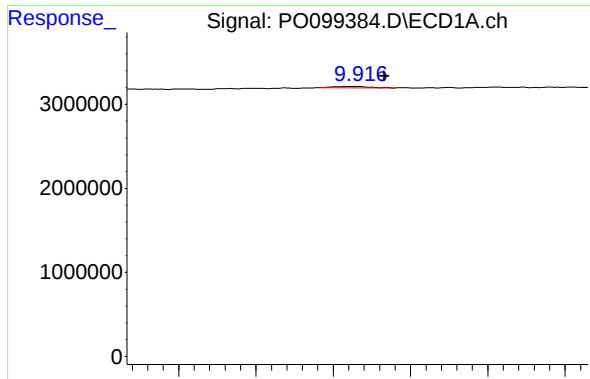
#44 AR-1268-4

R.T.: 9.516 min
Delta R.T.: 0.009 min
Response: 17057
Conc: 0.34 ng/ml



#44 AR-1268-4

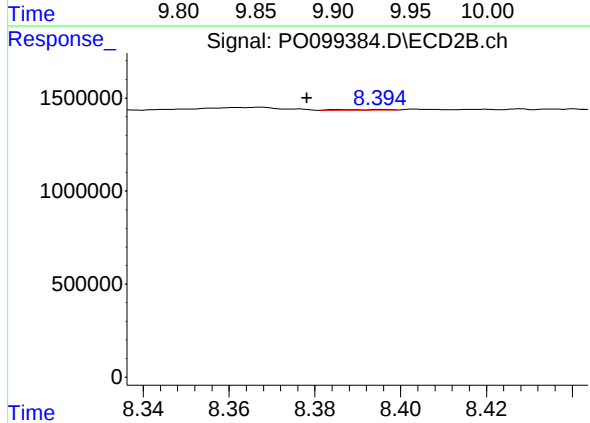
R.T.: 8.079 min
Delta R.T.: -0.012 min
Response: 66688
Conc: 2.42 ng/ml



#45 AR-1268-5

R.T.: 9.910 min
Delta R.T.: -0.023 min
Response: 261099
Conc: 0.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.385 min
Delta R.T.: 0.007 min
Response: 25239
Conc: 0.13 ng/ml