

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0111623\
 Data File : P0099901.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Nov 2023 02:42
 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 17 03:07:52 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0111323.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Nov 14 04:21:47 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...	4.488	3.715	81455054	62950854	47.631	53.293
2) SA Decachlor...	10.369	8.813	50197743	48457056	53.764	49.368
Target Compounds						
3) L1 AR-1016-1	5.672	4.818	703064	475220	15.892	17.840
4) L1 AR-1016-2	5.705	4.840	912733	330697	13.369	8.918 #
5) L1 AR-1016-3	5.757	5.019	434166	594947	9.499	30.132 #
6) L1 AR-1016-4	5.859	5.059	421633	9379566	12.215	556.512 #
7) L1 AR-1016-5	6.157	5.275	8514242	6064194	255.143	304.094
8) L2 AR-1221-1	4.705	3.943	46633	302348	2.221	20.023 #
9) L2 AR-1221-2	4.799	4.019	1429214	961589	93.046	91.000
10) L2 AR-1221-3	4.863	4.098	256986	239487	5.706	7.861 #
11) L3 AR-1232-1	4.863	4.098	256986	239487	6.956	9.345 #
12) L3 AR-1232-2	5.399	4.840	377078	330697	20.481	18.563
13) L3 AR-1232-3	5.705	5.019	912733	594947	28.917	64.903 #
14) L3 AR-1232-4	5.859	5.100	421633	4415449	27.579	517.887 #
15) L3 AR-1232-5	5.950	5.275	14412248	6064194	1121.243	660.908 #
16) L4 AR-1242-1	5.672	4.818	703064	475220	19.191	20.686
17) L4 AR-1242-2	5.705	4.840	912733	330697	16.114	10.527 #
18) L4 AR-1242-3	5.757	5.019	434166	594947	11.457	35.550 #
19) L4 AR-1242-4	5.859	5.100	421633	4415449	14.701	255.532 #
20) L4 AR-1242-5	6.608	5.633	8769524	23319945	356.804	1172.169 #
21) L5 AR-1248-1	5.672	4.818	703064	475220	26.163	27.160
22) L5 AR-1248-2	5.950	5.059	14412248	9379566	339.257	390.231
23) L5 AR-1248-3	6.157	5.100	8514242	4415449	185.048	178.723
24) L5 AR-1248-4	6.565	5.275	11862426	6064194	285.978	214.788
25) L5 AR-1248-5	6.608	5.672	8769524	3167872	215.164	124.654 #
26) L6 AR-1254-1	6.539	5.633	25675096	23319945	530.286	563.125
27) L6 AR-1254-2	6.761	5.781	35391682	20865951	501.551	549.448
28) L6 AR-1254-3	7.131	6.190	36012957	35836719	530.491	554.287
29) L6 AR-1254-4	7.420	6.420	23135304	20355618	583.640	594.041
30) L6 AR-1254-5	7.844	6.843	27173124	34740563	553.348	566.416
31) L7 AR-1260-1	7.298	6.321	15587616	17978413	279.359	373.464 #
32) L7 AR-1260-2	7.558	6.510	15161777	14880118	251.328	262.381
33) L7 AR-1260-3	7.904	6.666	4070020	15673373	97.375	283.535 #
34) L7 AR-1260-4	8.137	7.143	10296525	1801481	209.081	40.878 #
35) L7 AR-1260-5	8.480	7.384	2590173	4447158	30.869	44.748 #
36) L8 AR-1262-1	7.844	6.843	27173124	34740563	606.393	1067.679 #
37) L8 AR-1262-2	8.480	7.143	2590173	1801481	25.142	27.560
38) L8 AR-1262-3	8.817	7.692	2937081	198384	40.037	3.859 #
39) L8 AR-1262-4	8.899	7.735	102659	4244152	1.771	47.628 #
40) L8 AR-1262-5	9.579	8.239	77797	282664	2.377	7.252 #
41) L9 AR-1268-1	8.817	7.692	2937081	198384	22.091	1.387 #

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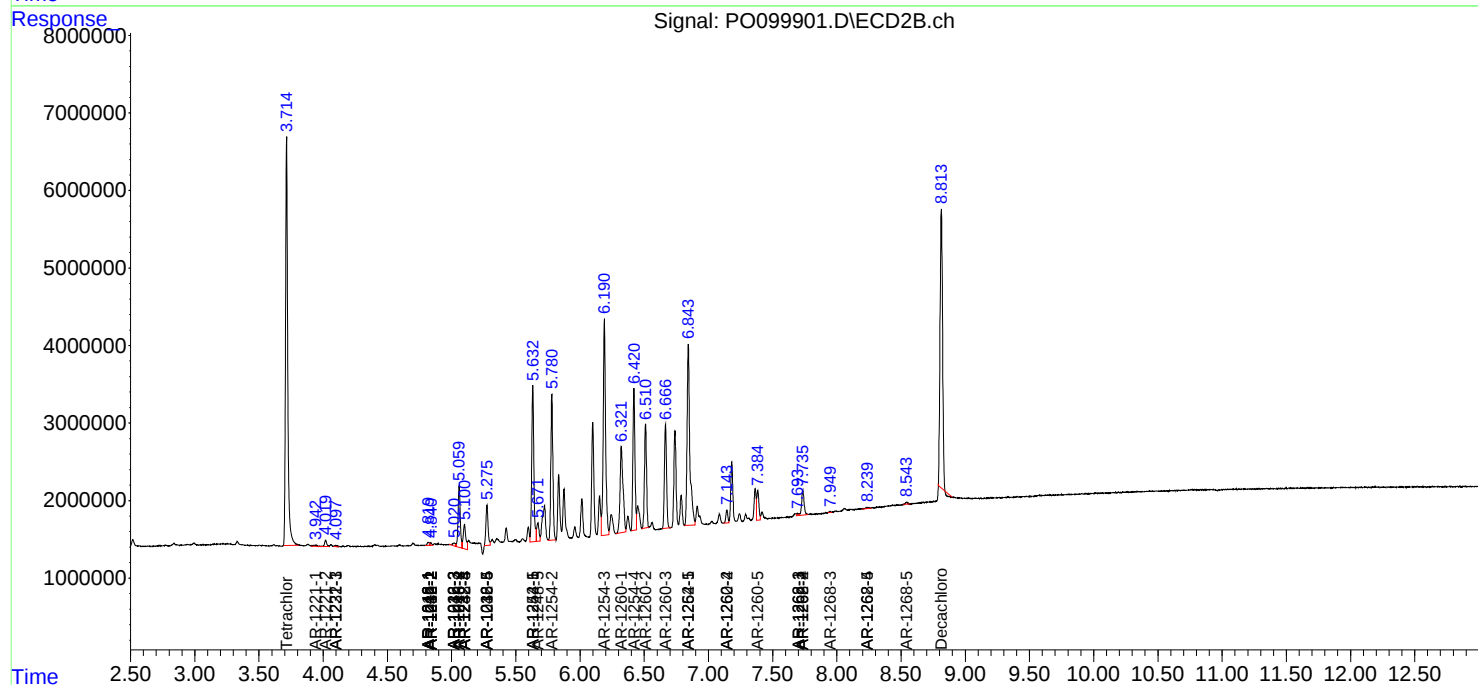
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

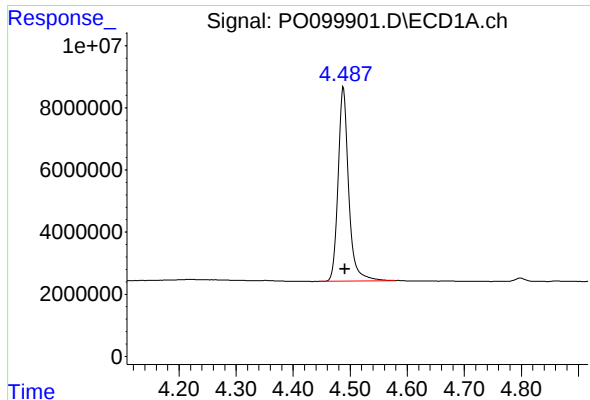
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.899	7.735	102659	4244152	0.895	32.587 #
43) L9	AR-1268-3	9.138	7.949	82775	129424	0.760	1.064 #
44) L9	AR-1268-4	9.579	8.239	77797	282664	2.227	6.557 #
45) L9	AR-1268-5	10.013	8.544	391829	372062	1.224	1.070

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

Instrument :
ECD_O
ClientSampleId :

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

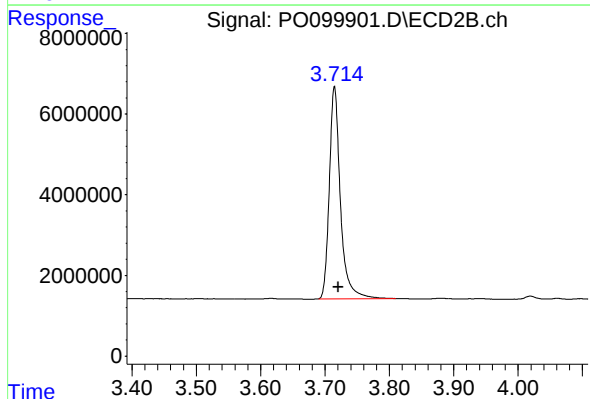




#1 Tetrachloro-m-xylene

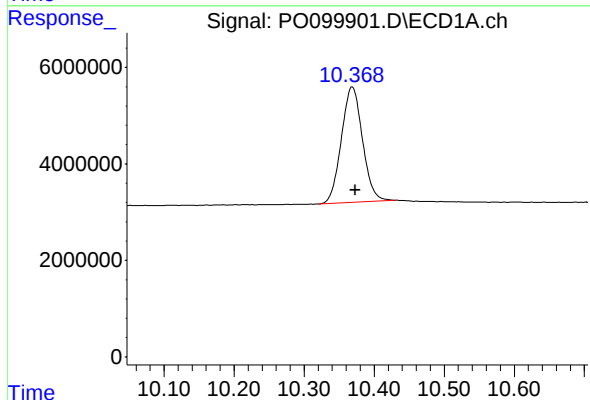
R.T.: 4.488 min
Delta R.T.: -0.003 min
Response: 81455054
Conc: 47.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



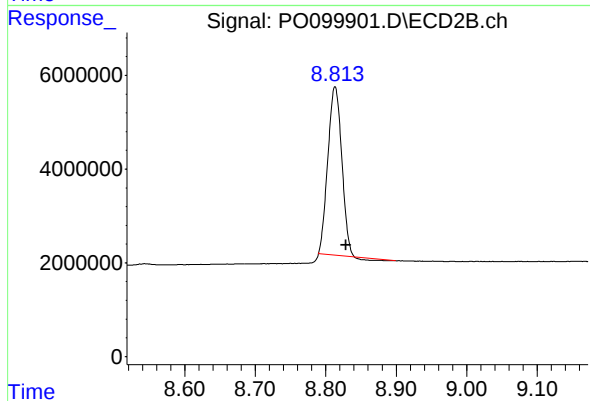
#1 Tetrachloro-m-xylene

R.T.: 3.715 min
Delta R.T.: -0.006 min
Response: 62950854
Conc: 53.29 ng/ml



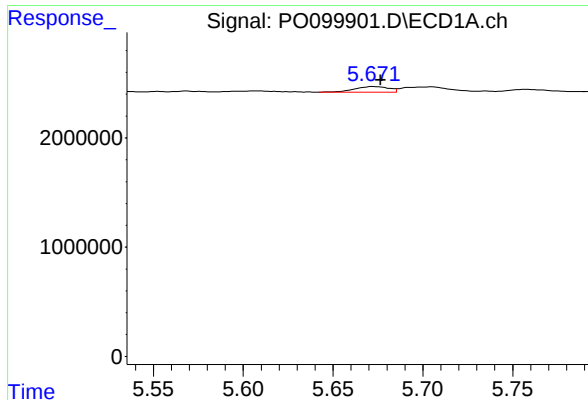
#2 Decachlorobiphenyl

R.T.: 10.369 min
Delta R.T.: -0.004 min
Response: 50197743
Conc: 53.76 ng/ml



#2 Decachlorobiphenyl

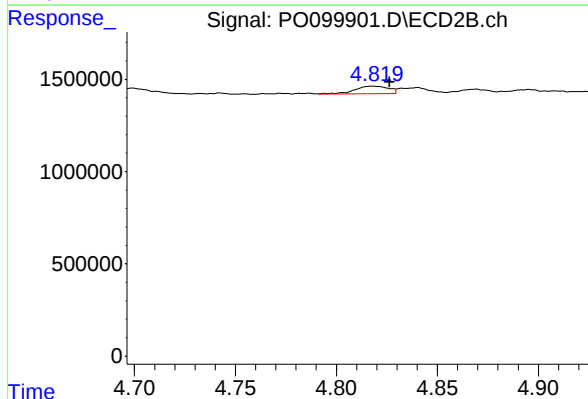
R.T.: 8.813 min
Delta R.T.: -0.016 min
Response: 48457056
Conc: 49.37 ng/ml



#3 AR-1016-1

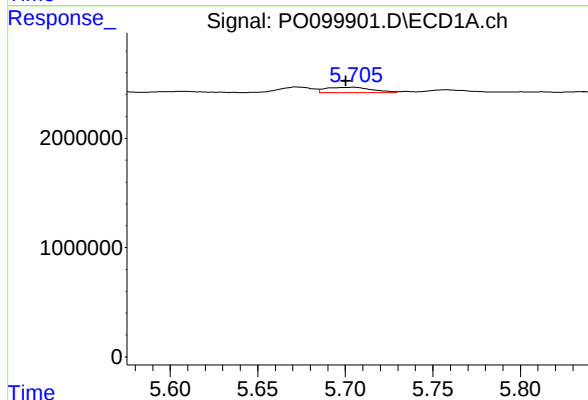
R.T.: 5.672 min
Delta R.T.: -0.004 min
Response: 703064
Conc: 15.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



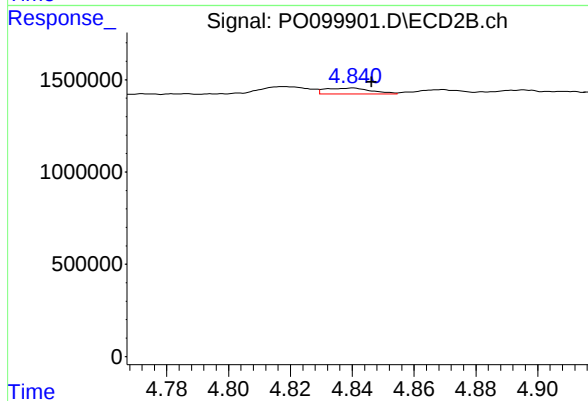
#3 AR-1016-1

R.T.: 4.818 min
Delta R.T.: -0.008 min
Response: 475220
Conc: 17.84 ng/ml



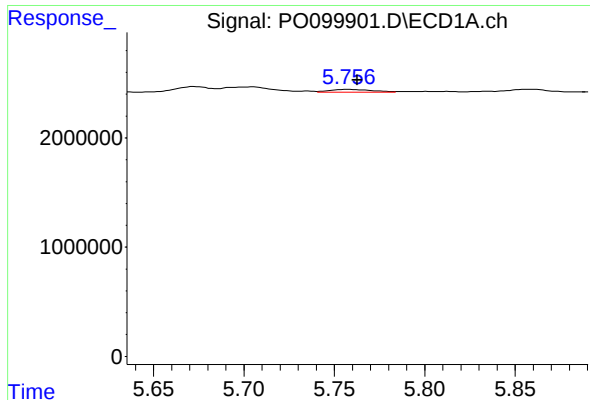
#4 AR-1016-2

R.T.: 5.705 min
Delta R.T.: 0.005 min
Response: 912733
Conc: 13.37 ng/ml



#4 AR-1016-2

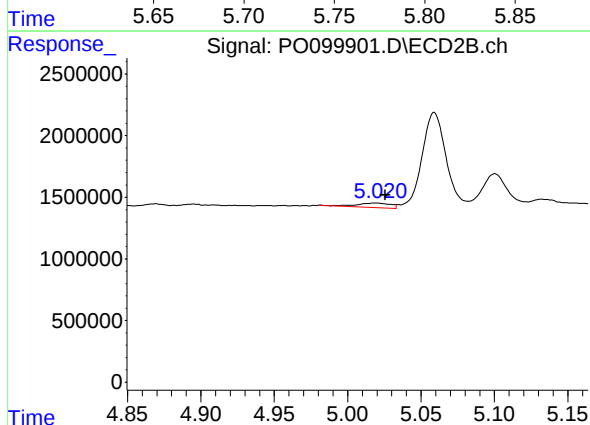
R.T.: 4.840 min
Delta R.T.: -0.006 min
Response: 330697
Conc: 8.92 ng/ml



#5 AR-1016-3

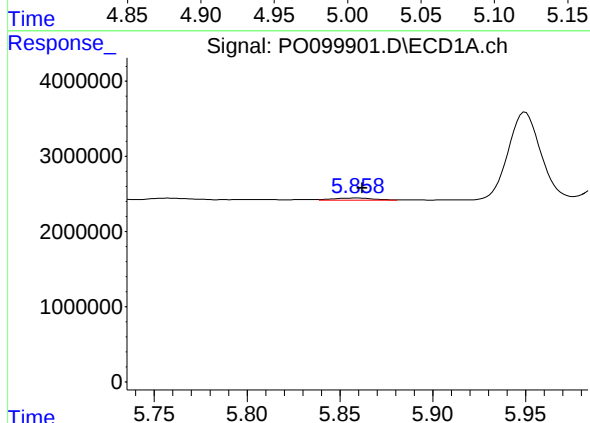
R.T.: 5.757 min
Delta R.T.: -0.005 min
Response: 434166
Conc: 9.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



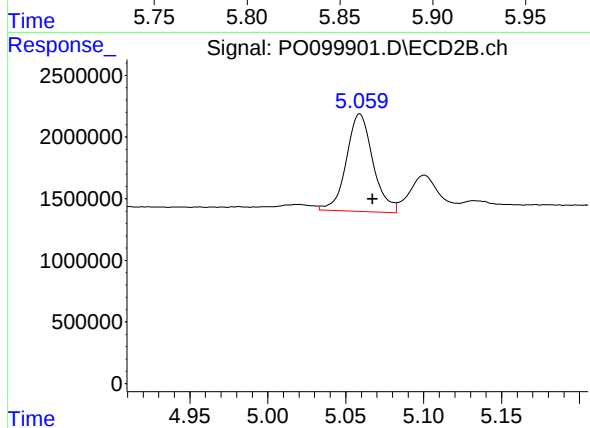
#5 AR-1016-3

R.T.: 5.019 min
Delta R.T.: -0.006 min
Response: 594947
Conc: 30.13 ng/ml



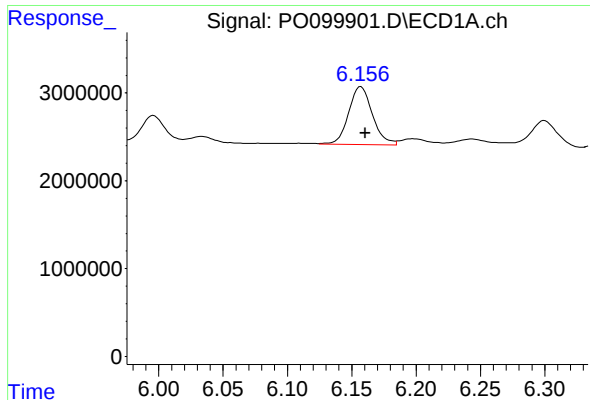
#6 AR-1016-4

R.T.: 5.859 min
Delta R.T.: -0.003 min
Response: 421633
Conc: 12.21 ng/ml



#6 AR-1016-4

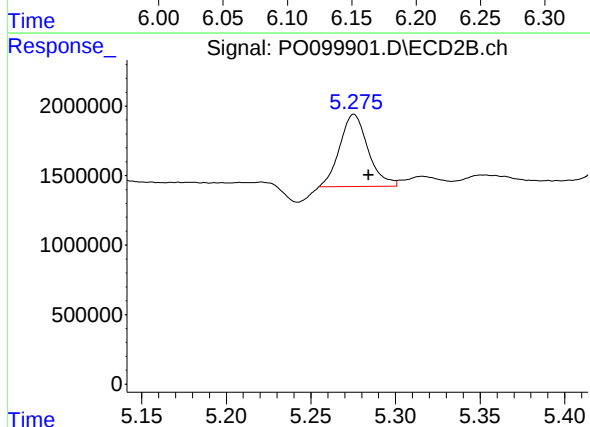
R.T.: 5.059 min
Delta R.T.: -0.008 min
Response: 9379566
Conc: 556.51 ng/ml



#7 AR-1016-5

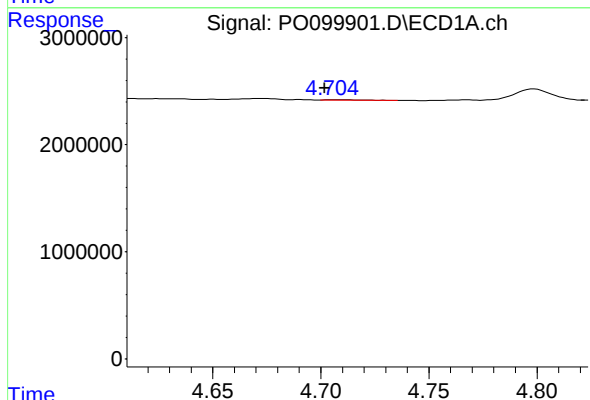
R.T.: 6.157 min
Delta R.T.: -0.003 min
Response: 8514242
Conc: 255.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



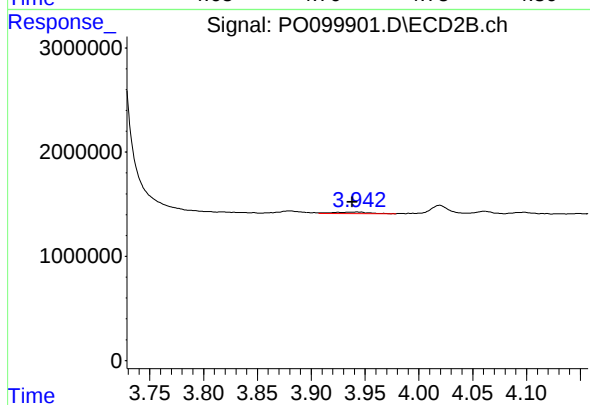
#7 AR-1016-5

R.T.: 5.275 min
Delta R.T.: -0.009 min
Response: 6064194
Conc: 304.09 ng/ml



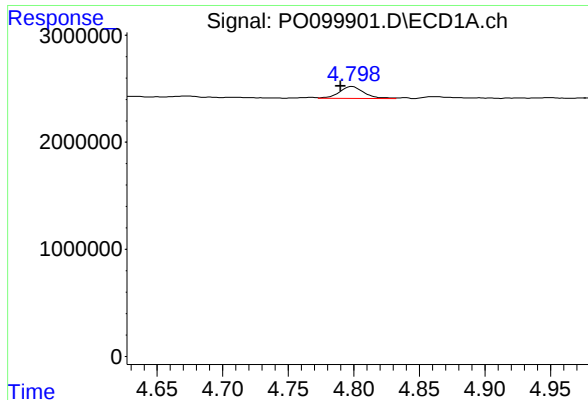
#8 AR-1221-1

R.T.: 4.705 min
Delta R.T.: 0.003 min
Response: 46633
Conc: 2.22 ng/ml



#8 AR-1221-1

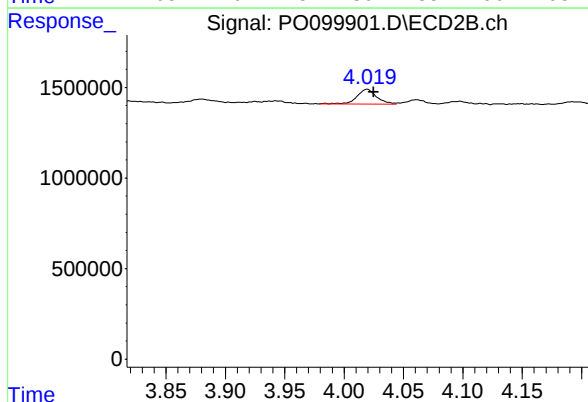
R.T.: 3.943 min
Delta R.T.: 0.005 min
Response: 302348
Conc: 20.02 ng/ml



#9 AR-1221-2

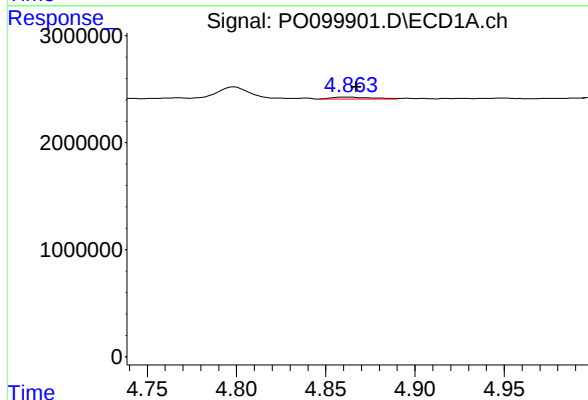
R.T.: 4.799 min
Delta R.T.: 0.009 min
Response: 1429214
Conc: 93.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



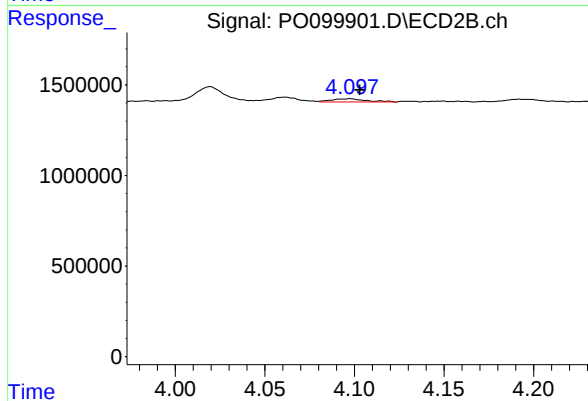
#9 AR-1221-2

R.T.: 4.019 min
Delta R.T.: -0.006 min
Response: 961589
Conc: 91.00 ng/ml



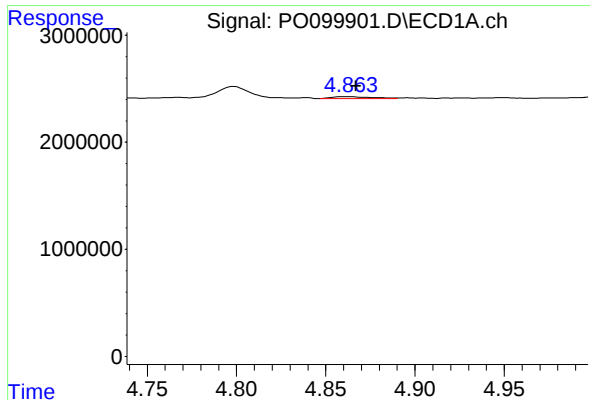
#10 AR-1221-3

R.T.: 4.863 min
Delta R.T.: -0.004 min
Response: 256986
Conc: 5.71 ng/ml



#10 AR-1221-3

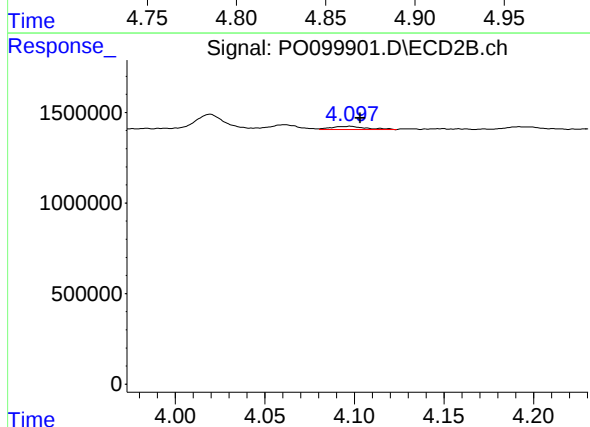
R.T.: 4.098 min
Delta R.T.: -0.005 min
Response: 239487
Conc: 7.86 ng/ml



#11 AR-1232-1

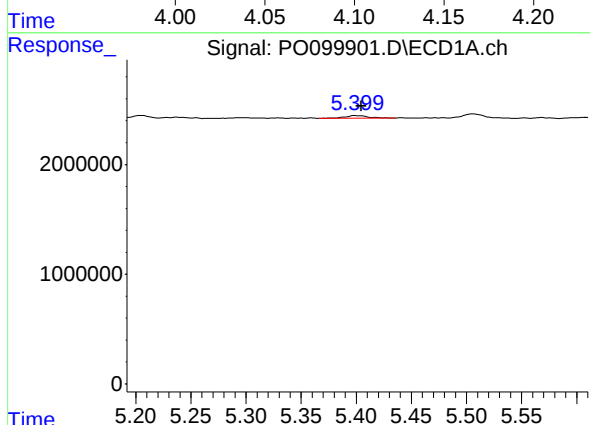
R.T.: 4.863 min
Delta R.T.: -0.004 min
Response: 256986
Conc: 6.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



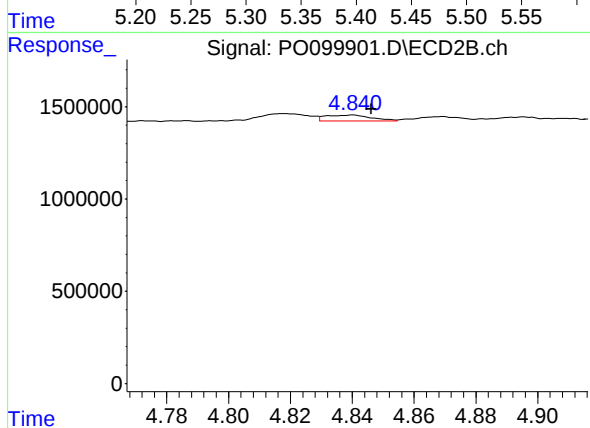
#11 AR-1232-1

R.T.: 4.098 min
Delta R.T.: -0.006 min
Response: 239487
Conc: 9.34 ng/ml



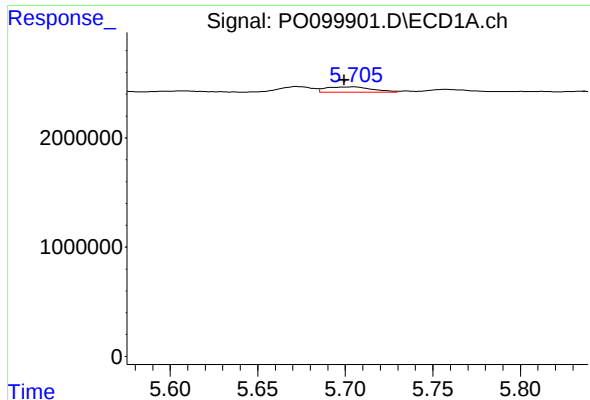
#12 AR-1232-2

R.T.: 5.399 min
Delta R.T.: -0.005 min
Response: 377078
Conc: 20.48 ng/ml



#12 AR-1232-2

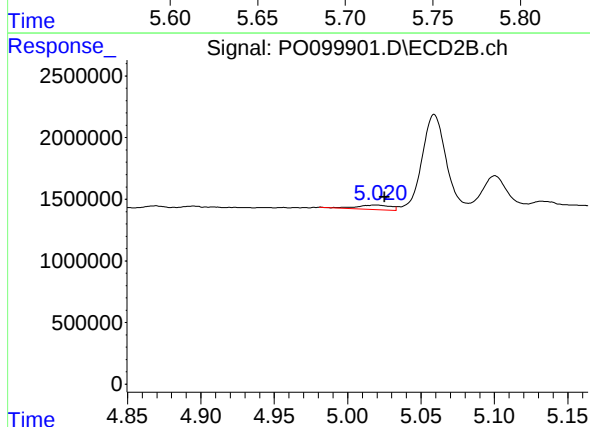
R.T.: 4.840 min
Delta R.T.: -0.006 min
Response: 330697
Conc: 18.56 ng/ml



#13 AR-1232-3

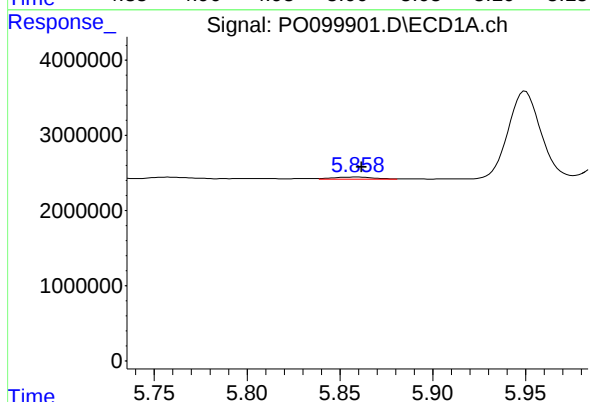
R.T.: 5.705 min
Delta R.T.: 0.005 min
Response: 912733
Conc: 28.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



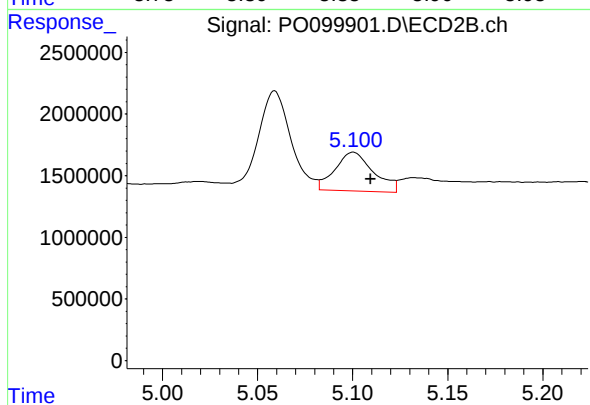
#13 AR-1232-3

R.T.: 5.019 min
Delta R.T.: -0.006 min
Response: 594947
Conc: 64.90 ng/ml



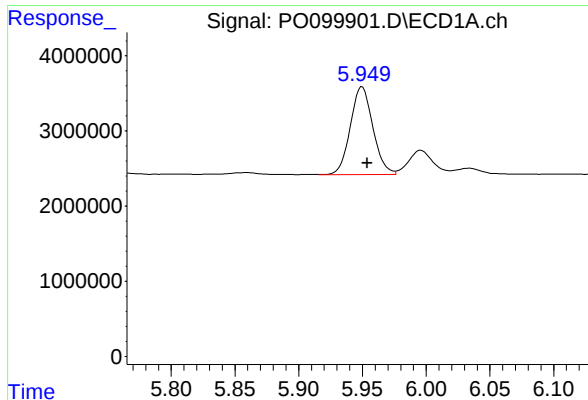
#14 AR-1232-4

R.T.: 5.859 min
Delta R.T.: -0.003 min
Response: 421633
Conc: 27.58 ng/ml



#14 AR-1232-4

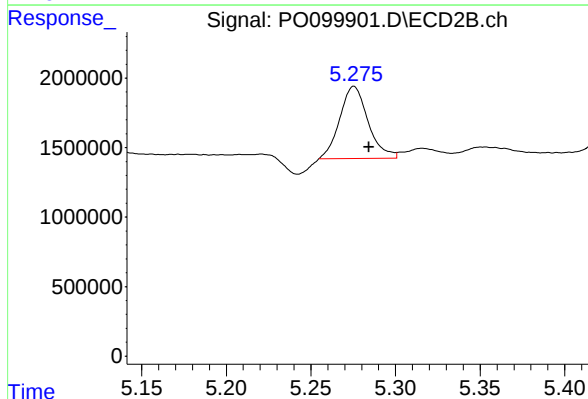
R.T.: 5.100 min
Delta R.T.: -0.009 min
Response: 4415449
Conc: 517.89 ng/ml



#15 AR-1232-5

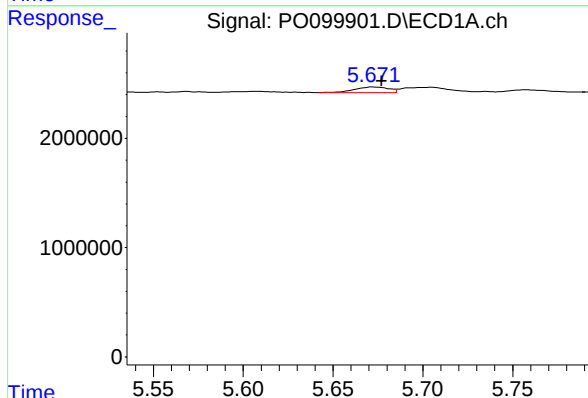
R.T.: 5.950 min
Delta R.T.: -0.004 min
Response: 14412248
Conc: 1121.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



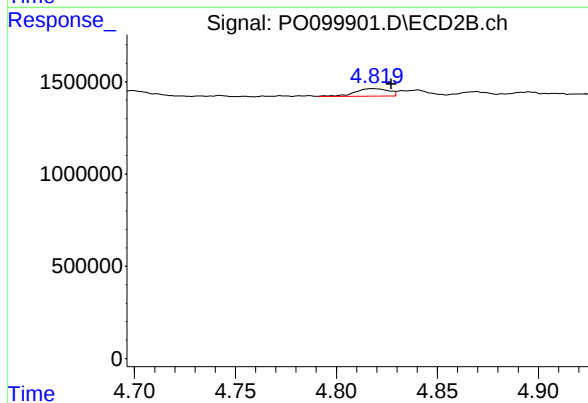
#15 AR-1232-5

R.T.: 5.275 min
Delta R.T.: -0.009 min
Response: 6064194
Conc: 660.91 ng/ml



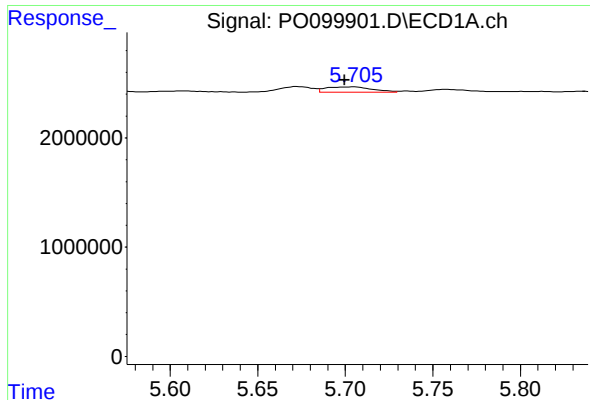
#16 AR-1242-1

R.T.: 5.672 min
Delta R.T.: -0.005 min
Response: 703064
Conc: 19.19 ng/ml



#16 AR-1242-1

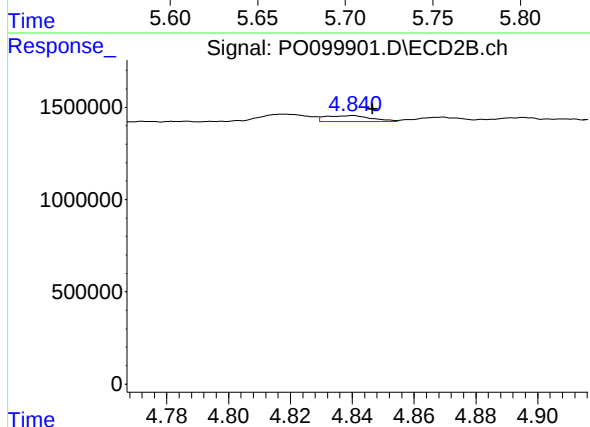
R.T.: 4.818 min
Delta R.T.: -0.009 min
Response: 475220
Conc: 20.69 ng/ml



#17 AR-1242-2

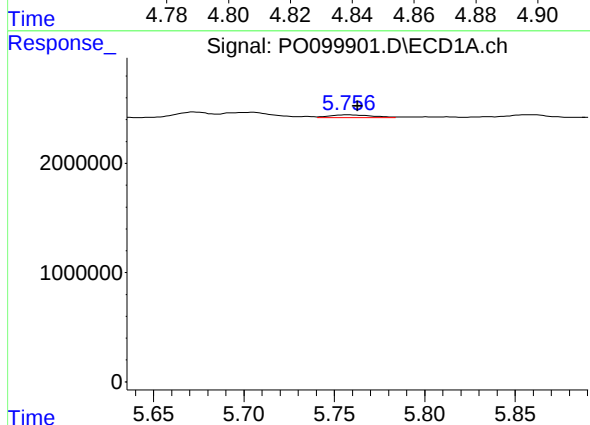
R.T.: 5.705 min
Delta R.T.: 0.005 min
Response: 912733
Conc: 16.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



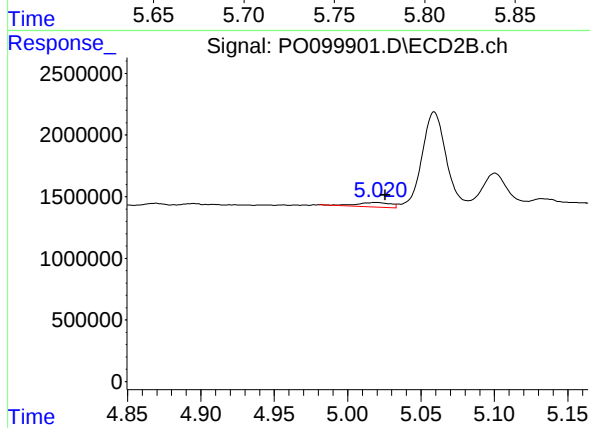
#17 AR-1242-2

R.T.: 4.840 min
Delta R.T.: -0.006 min
Response: 330697
Conc: 10.53 ng/ml



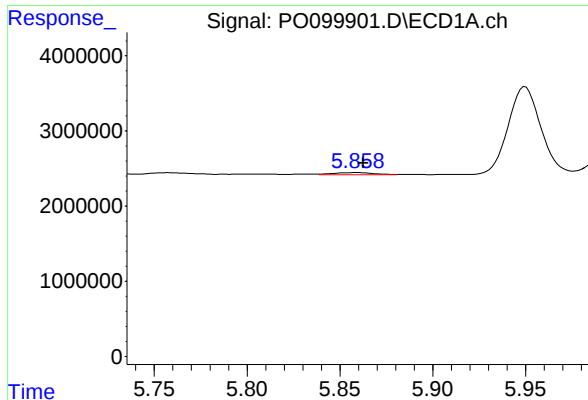
#18 AR-1242-3

R.T.: 5.757 min
Delta R.T.: -0.005 min
Response: 434166
Conc: 11.46 ng/ml



#18 AR-1242-3

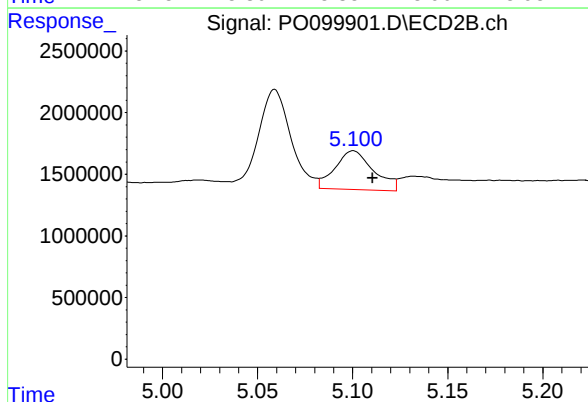
R.T.: 5.019 min
Delta R.T.: -0.007 min
Response: 594947
Conc: 35.55 ng/ml



#19 AR-1242-4

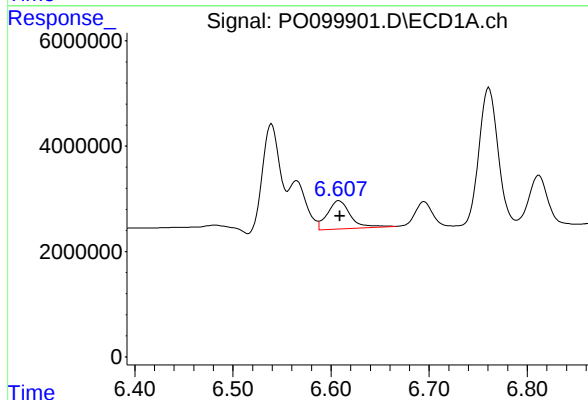
R.T.: 5.859 min
Delta R.T.: -0.003 min
Response: 421633
Conc: 14.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



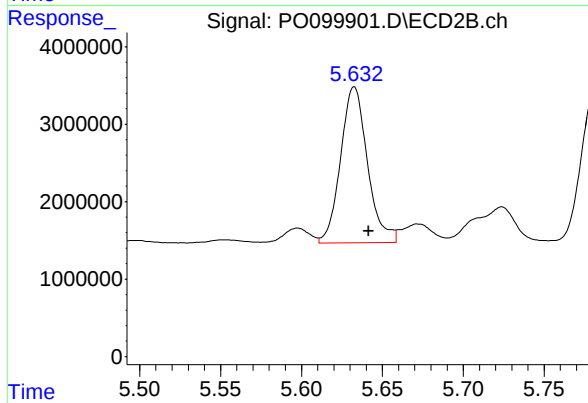
#19 AR-1242-4

R.T.: 5.100 min
Delta R.T.: -0.010 min
Response: 4415449
Conc: 255.53 ng/ml



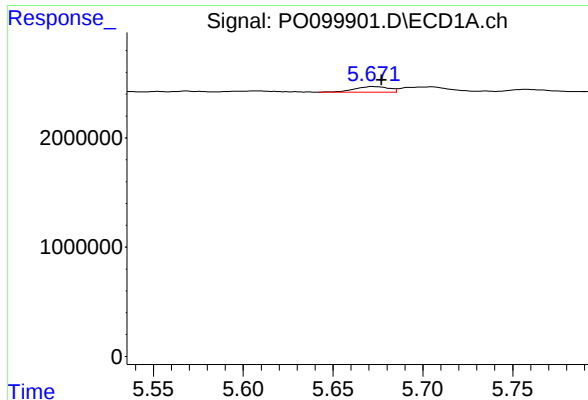
#20 AR-1242-5

R.T.: 6.608 min
Delta R.T.: -0.001 min
Response: 8769524
Conc: 356.80 ng/ml



#20 AR-1242-5

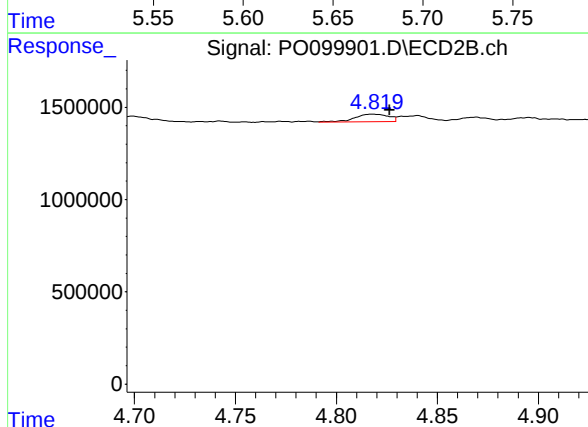
R.T.: 5.633 min
Delta R.T.: -0.009 min
Response: 23319945
Conc: 1172.17 ng/ml



#21 AR-1248-1

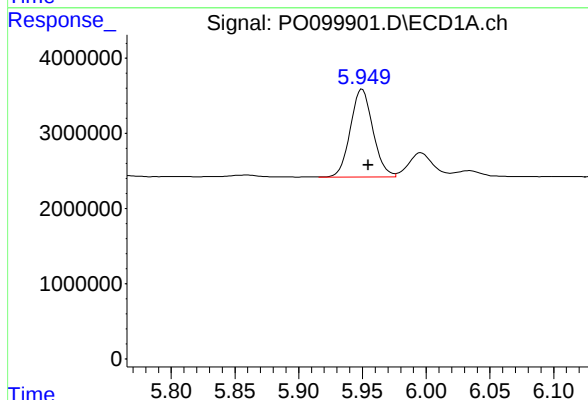
R.T.: 5.672 min
Delta R.T.: -0.005 min
Response: 703064
Conc: 26.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



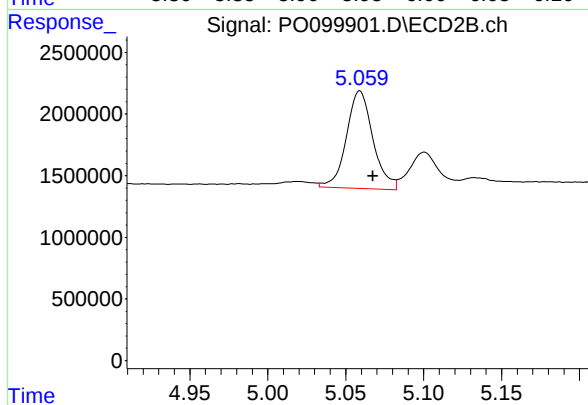
#21 AR-1248-1

R.T.: 4.818 min
Delta R.T.: -0.008 min
Response: 475220
Conc: 27.16 ng/ml



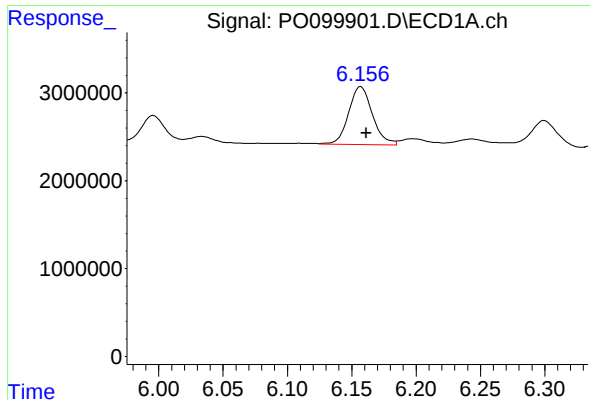
#22 AR-1248-2

R.T.: 5.950 min
Delta R.T.: -0.005 min
Response: 14412248
Conc: 339.26 ng/ml



#22 AR-1248-2

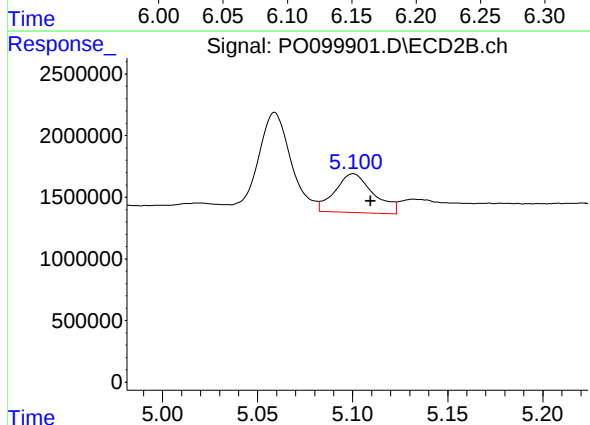
R.T.: 5.059 min
Delta R.T.: -0.008 min
Response: 9379566
Conc: 390.23 ng/ml



#23 AR-1248-3

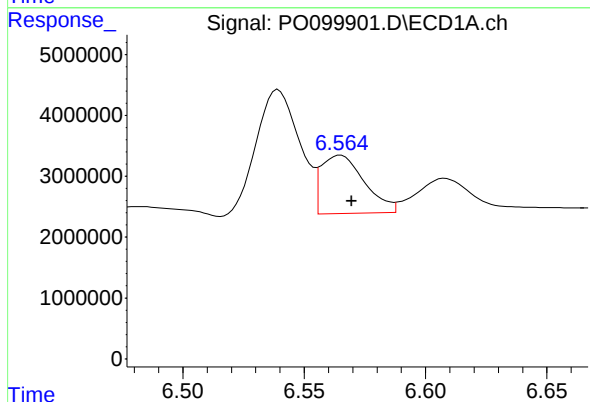
R.T.: 6.157 min
Delta R.T.: -0.004 min
Response: 8514242
Conc: 185.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



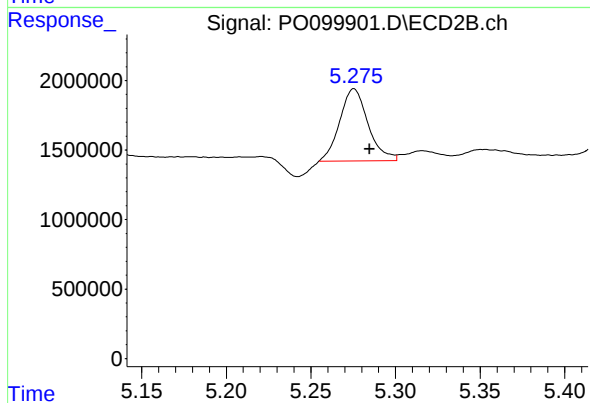
#23 AR-1248-3

R.T.: 5.100 min
Delta R.T.: -0.009 min
Response: 4415449
Conc: 178.72 ng/ml



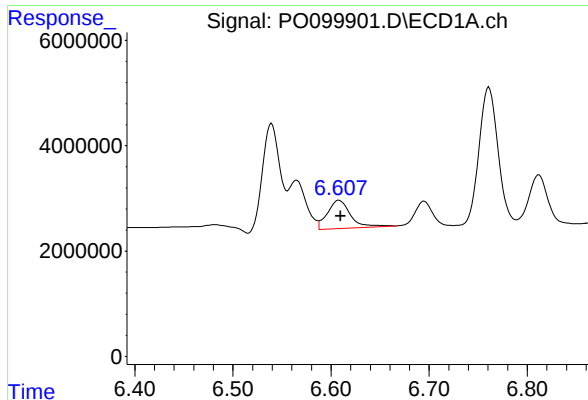
#24 AR-1248-4

R.T.: 6.565 min
Delta R.T.: -0.005 min
Response: 11862426
Conc: 285.98 ng/ml



#24 AR-1248-4

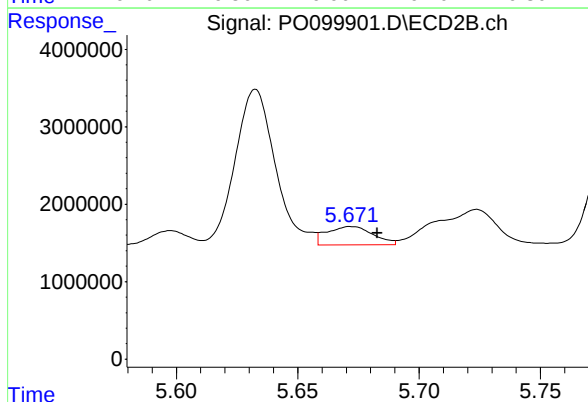
R.T.: 5.275 min
Delta R.T.: -0.009 min
Response: 6064194
Conc: 214.79 ng/ml



#25 AR-1248-5

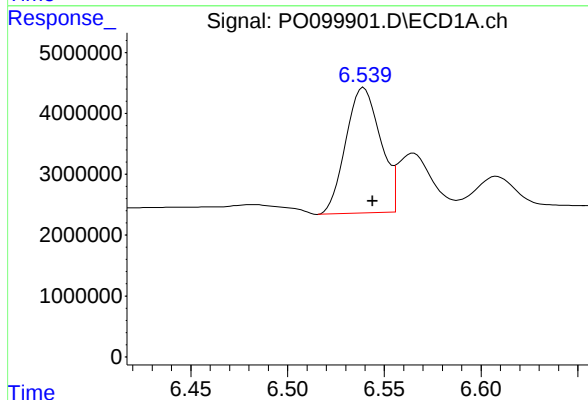
R.T.: 6.608 min
Delta R.T.: -0.002 min
Response: 8769524
Conc: 215.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



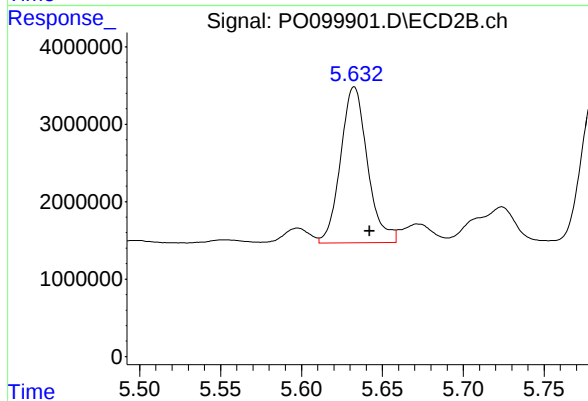
#25 AR-1248-5

R.T.: 5.672 min
Delta R.T.: -0.011 min
Response: 3167872
Conc: 124.65 ng/ml



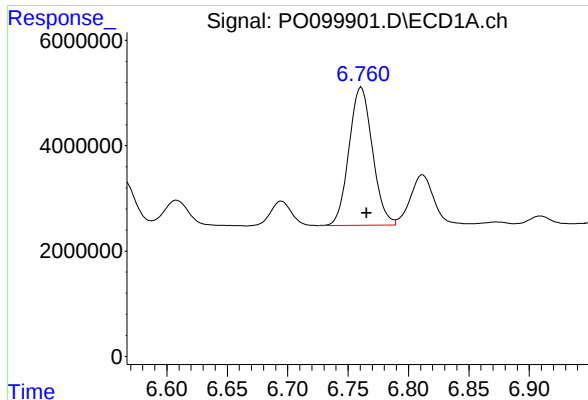
#26 AR-1254-1

R.T.: 6.539 min
Delta R.T.: -0.005 min
Response: 25675096
Conc: 530.29 ng/ml



#26 AR-1254-1

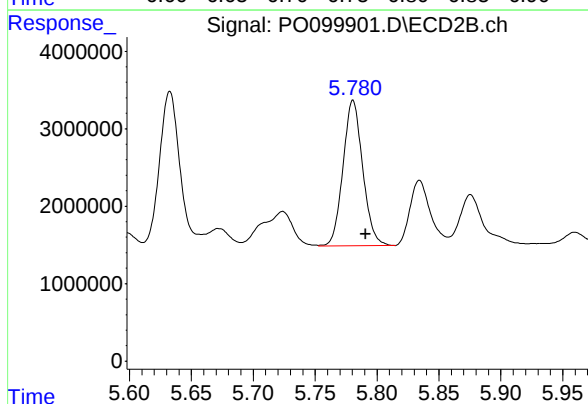
R.T.: 5.633 min
Delta R.T.: -0.010 min
Response: 23319945
Conc: 563.12 ng/ml



#27 AR-1254-2

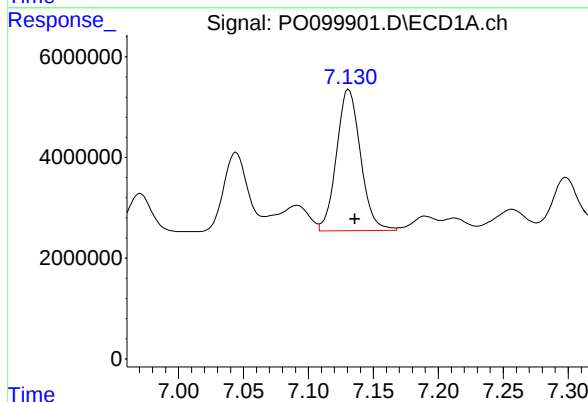
R.T.: 6.761 min
Delta R.T.: -0.005 min
Response: 35391682
Conc: 501.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



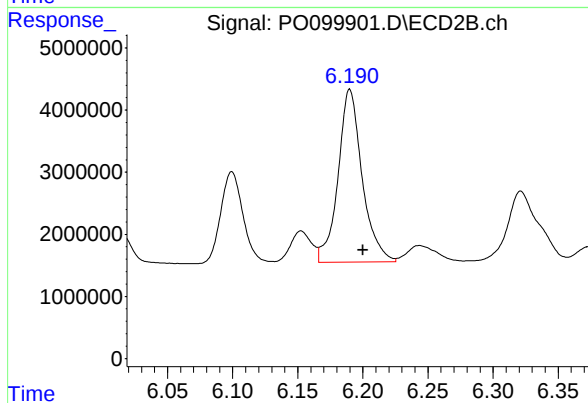
#27 AR-1254-2

R.T.: 5.781 min
Delta R.T.: -0.010 min
Response: 20865951
Conc: 549.45 ng/ml



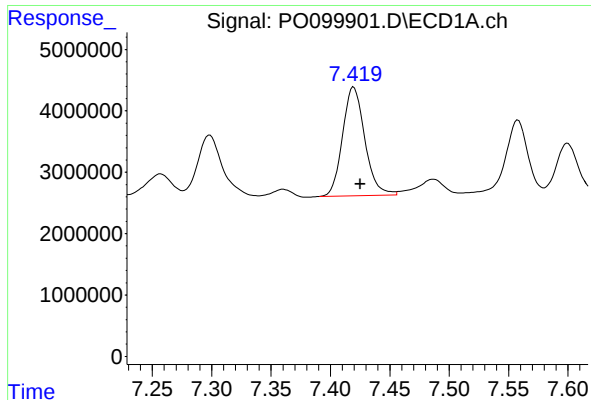
#28 AR-1254-3

R.T.: 7.131 min
Delta R.T.: -0.005 min
Response: 36012957
Conc: 530.49 ng/ml



#28 AR-1254-3

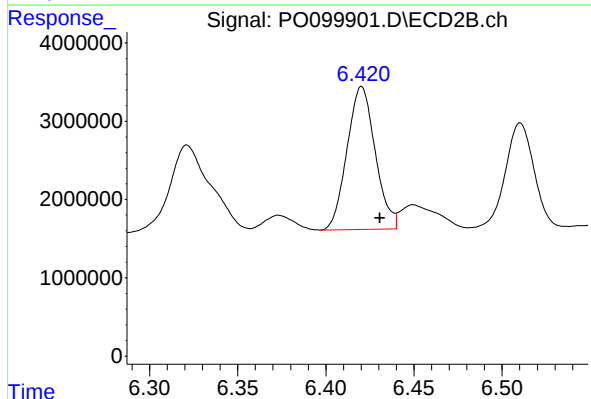
R.T.: 6.190 min
Delta R.T.: -0.010 min
Response: 35836719
Conc: 554.29 ng/ml



#29 AR-1254-4

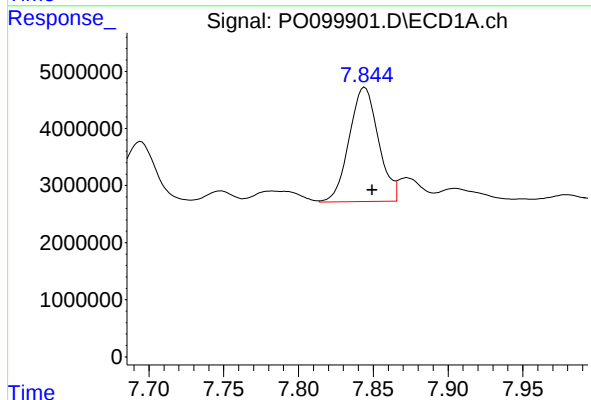
R.T.: 7.420 min
Delta R.T.: -0.006 min
Response: 23135304
Conc: 583.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



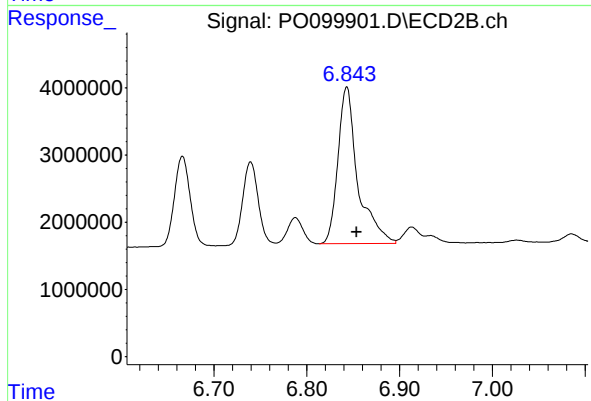
#29 AR-1254-4

R.T.: 6.420 min
Delta R.T.: -0.010 min
Response: 20355618
Conc: 594.04 ng/ml



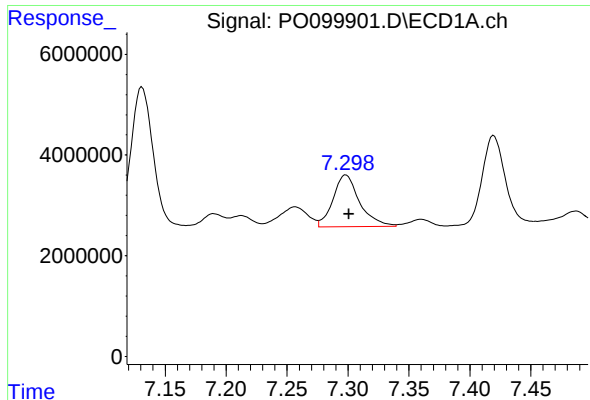
#30 AR-1254-5

R.T.: 7.844 min
Delta R.T.: -0.005 min
Response: 27173124
Conc: 553.35 ng/ml



#30 AR-1254-5

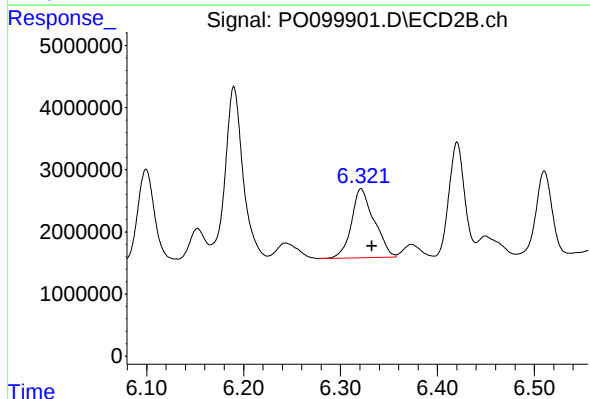
R.T.: 6.843 min
Delta R.T.: -0.010 min
Response: 34740563
Conc: 566.42 ng/ml



#31 AR-1260-1

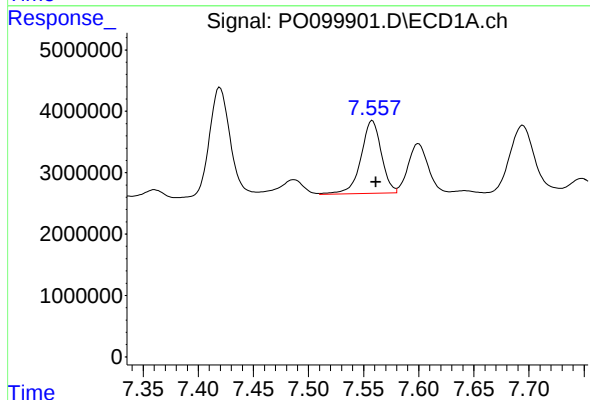
R.T.: 7.298 min
Delta R.T.: -0.002 min
Response: 15587616
Conc: 279.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



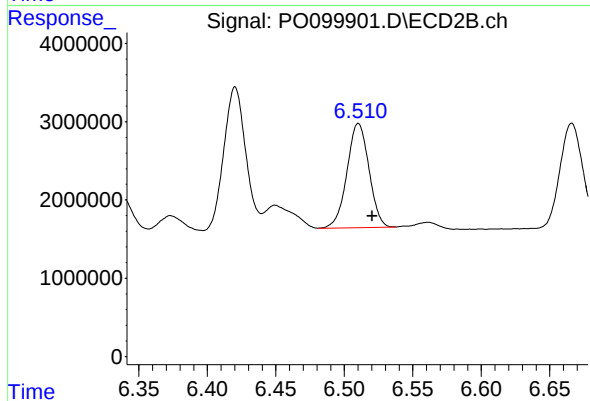
#31 AR-1260-1

R.T.: 6.321 min
Delta R.T.: -0.011 min
Response: 17978413
Conc: 373.46 ng/ml



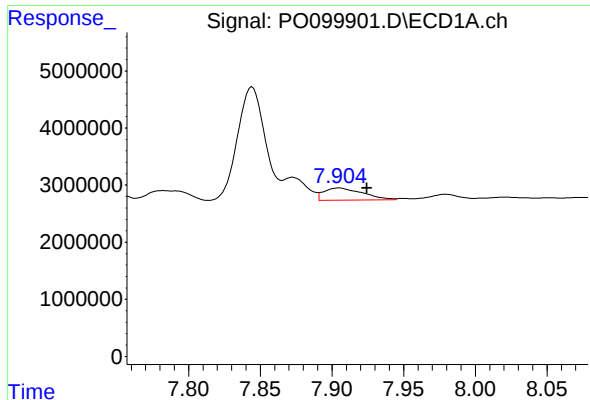
#32 AR-1260-2

R.T.: 7.558 min
Delta R.T.: -0.003 min
Response: 15161777
Conc: 251.33 ng/ml



#32 AR-1260-2

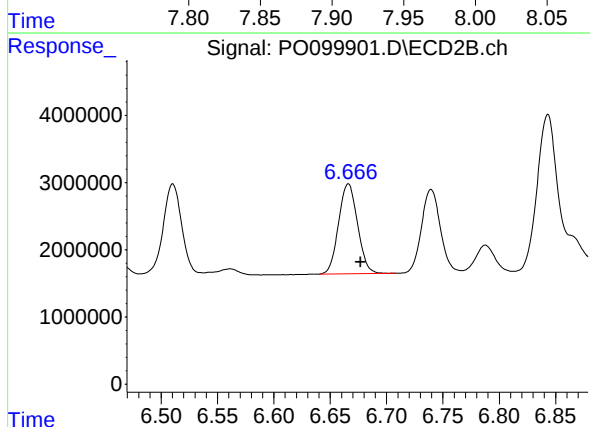
R.T.: 6.510 min
Delta R.T.: -0.010 min
Response: 14880118
Conc: 262.38 ng/ml



#33 AR-1260-3

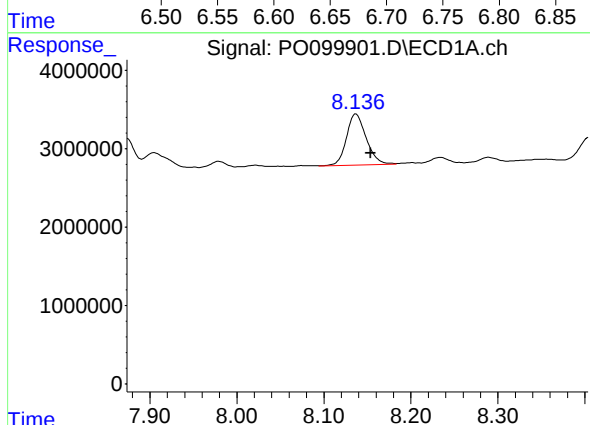
R.T.: 7.904 min
Delta R.T.: -0.020 min
Response: 4070020
Conc: 97.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



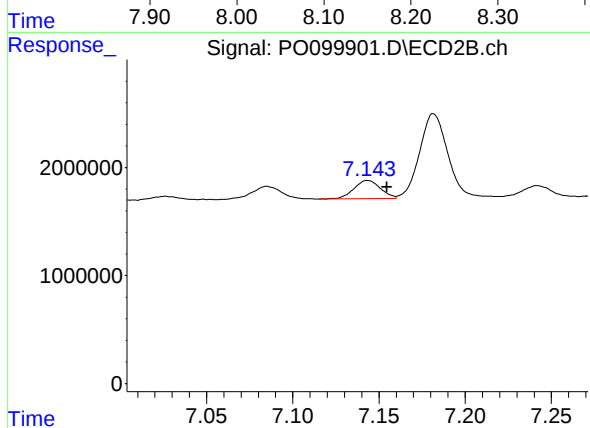
#33 AR-1260-3

R.T.: 6.666 min
Delta R.T.: -0.011 min
Response: 15673373
Conc: 283.54 ng/ml



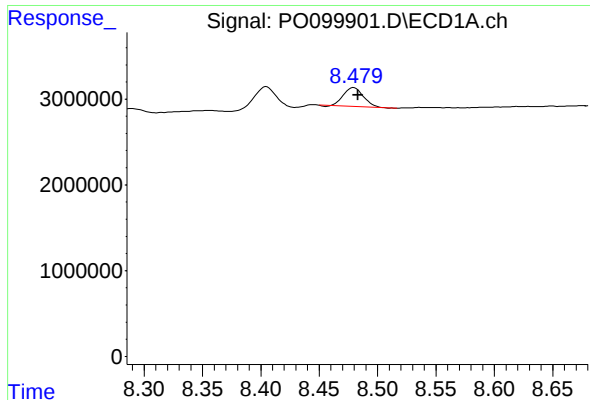
#34 AR-1260-4

R.T.: 8.137 min
Delta R.T.: -0.017 min
Response: 10296525
Conc: 209.08 ng/ml



#34 AR-1260-4

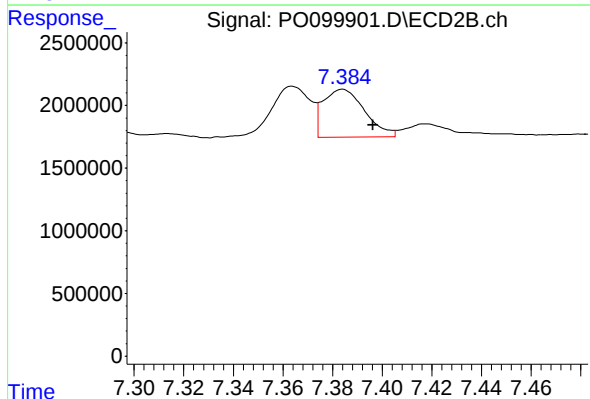
R.T.: 7.143 min
Delta R.T.: -0.011 min
Response: 1801481
Conc: 40.88 ng/ml



#35 AR-1260-5

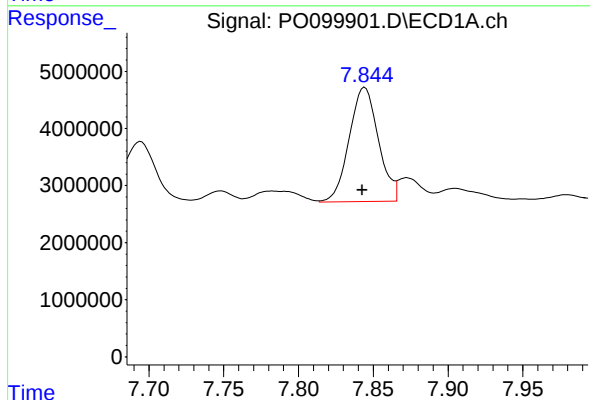
R.T.: 8.480 min
Delta R.T.: -0.004 min
Response: 2590173
Conc: 30.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



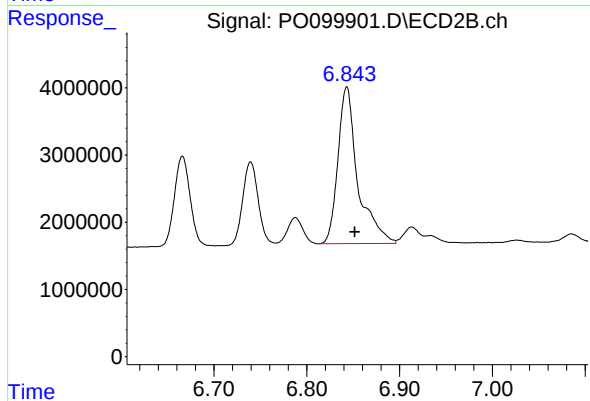
#35 AR-1260-5

R.T.: 7.384 min
Delta R.T.: -0.012 min
Response: 4447158
Conc: 44.75 ng/ml



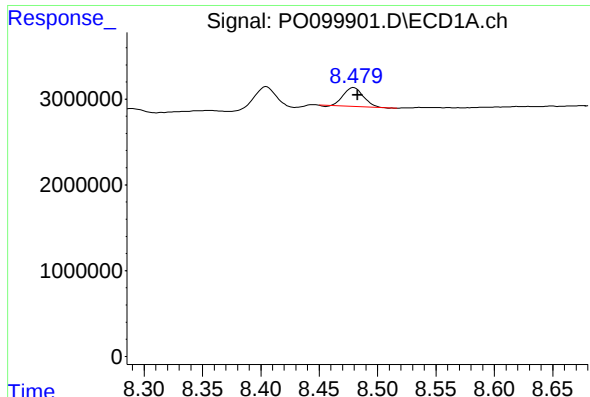
#36 AR-1262-1

R.T.: 7.844 min
Delta R.T.: 0.002 min
Response: 27173124
Conc: 606.39 ng/ml



#36 AR-1262-1

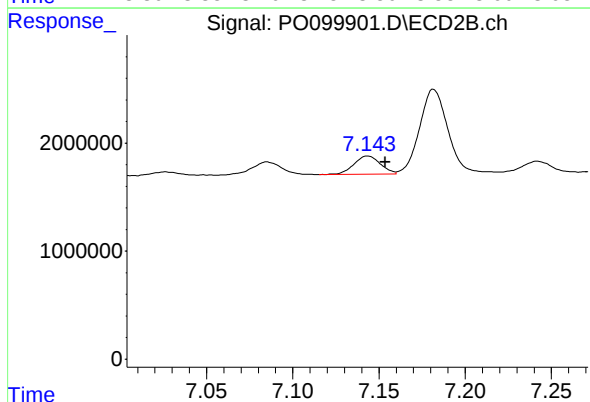
R.T.: 6.843 min
Delta R.T.: -0.009 min
Response: 34740563
Conc: 1067.68 ng/ml



#37 AR-1262-2

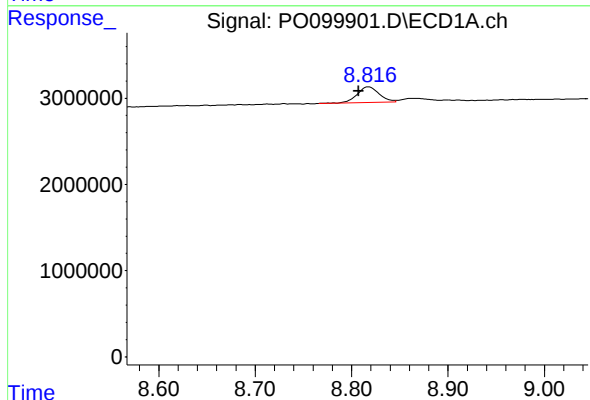
R.T.: 8.480 min
Delta R.T.: -0.003 min
Response: 2590173
Conc: 25.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



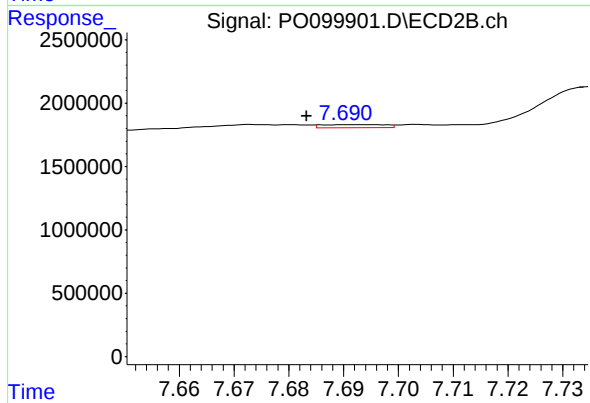
#37 AR-1262-2

R.T.: 7.143 min
Delta R.T.: -0.010 min
Response: 1801481
Conc: 27.56 ng/ml



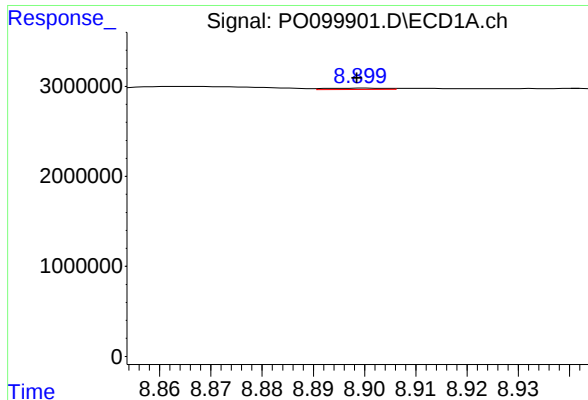
#38 AR-1262-3

R.T.: 8.817 min
Delta R.T.: 0.010 min
Response: 2937081
Conc: 40.04 ng/ml



#38 AR-1262-3

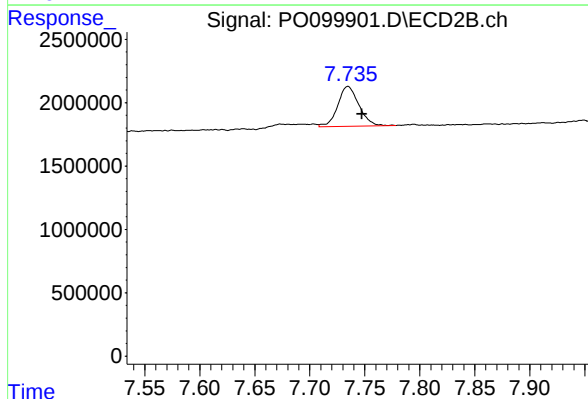
R.T.: 7.692 min
Delta R.T.: 0.009 min
Response: 198384
Conc: 3.86 ng/ml



#39 AR-1262-4

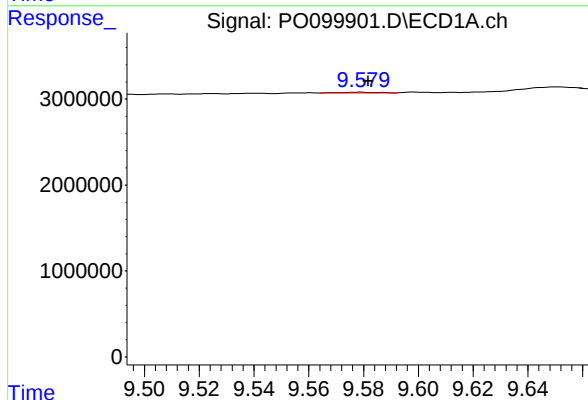
R.T.: 8.899 min
Delta R.T.: 0.000 min
Response: 102659
Conc: 1.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



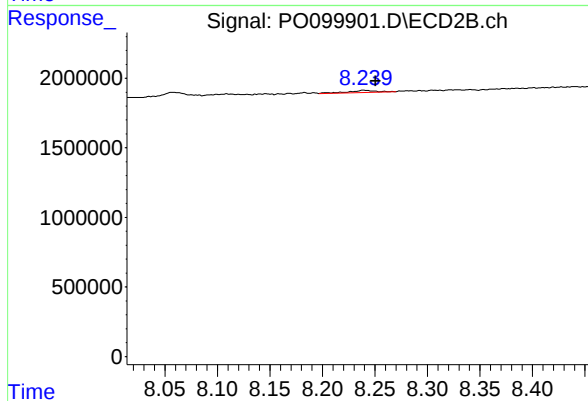
#39 AR-1262-4

R.T.: 7.735 min
Delta R.T.: -0.013 min
Response: 4244152
Conc: 47.63 ng/ml



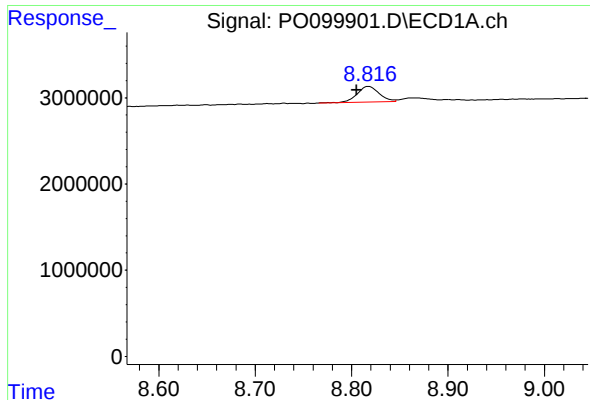
#40 AR-1262-5

R.T.: 9.579 min
Delta R.T.: -0.002 min
Response: 77797
Conc: 2.38 ng/ml



#40 AR-1262-5

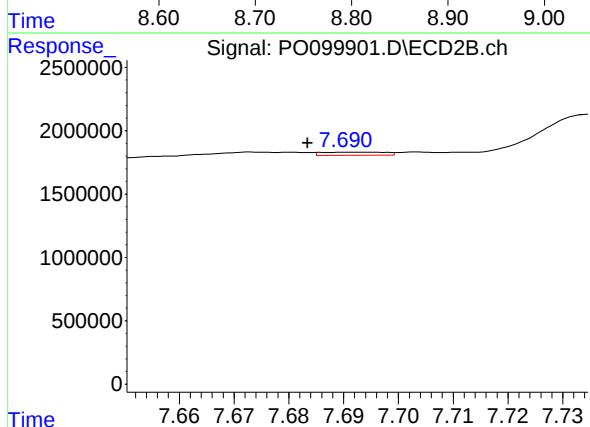
R.T.: 8.239 min
Delta R.T.: -0.012 min
Response: 282664
Conc: 7.25 ng/ml



#41 AR-1268-1

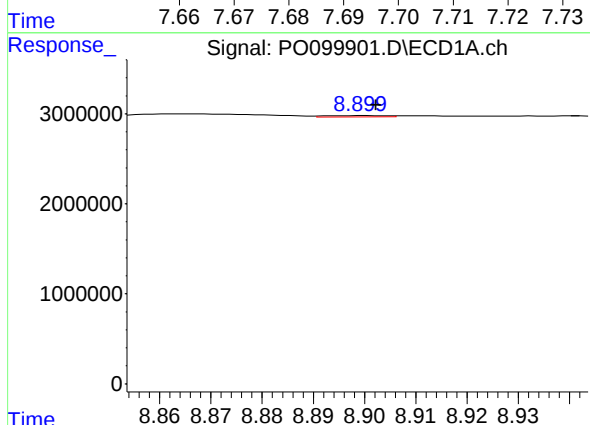
R.T.: 8.817 min
Delta R.T.: 0.012 min
Response: 2937081
Conc: 22.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



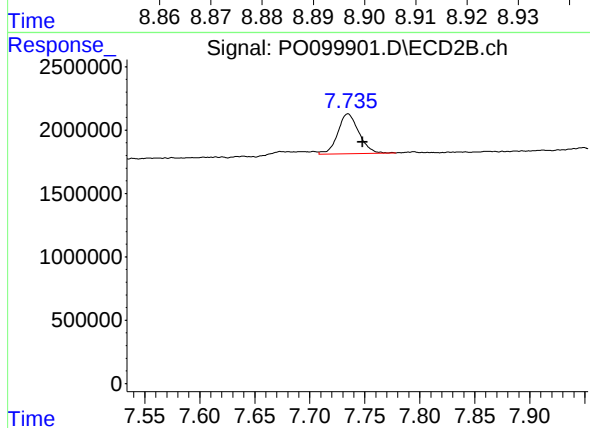
#41 AR-1268-1

R.T.: 7.692 min
Delta R.T.: 0.009 min
Response: 198384
Conc: 1.39 ng/ml



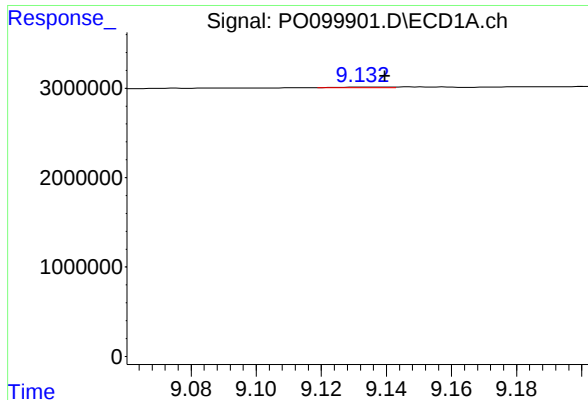
#42 AR-1268-2

R.T.: 8.899 min
Delta R.T.: -0.003 min
Response: 102659
Conc: 0.89 ng/ml



#42 AR-1268-2

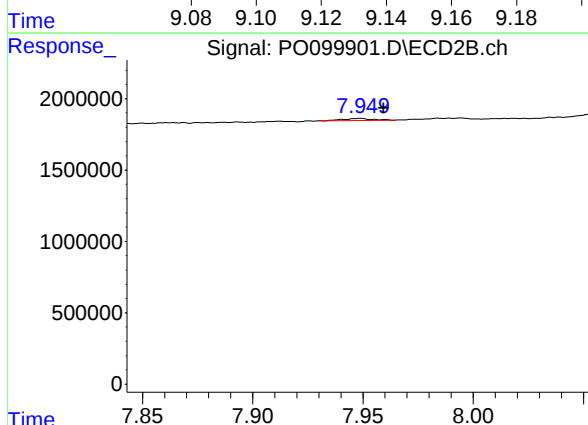
R.T.: 7.735 min
Delta R.T.: -0.013 min
Response: 4244152
Conc: 32.59 ng/ml



#43 AR-1268-3

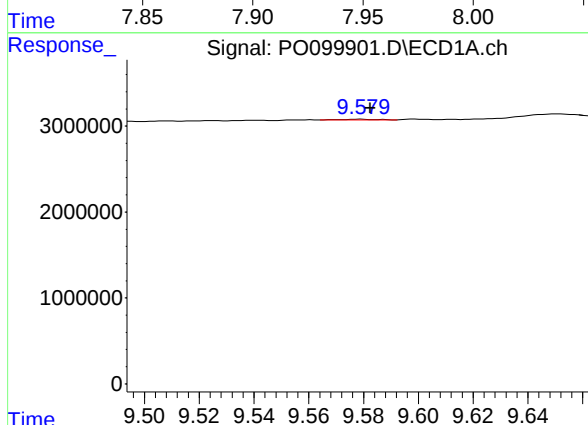
R.T.: 9.138 min
Delta R.T.: -0.002 min
Response: 82775
Conc: 0.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



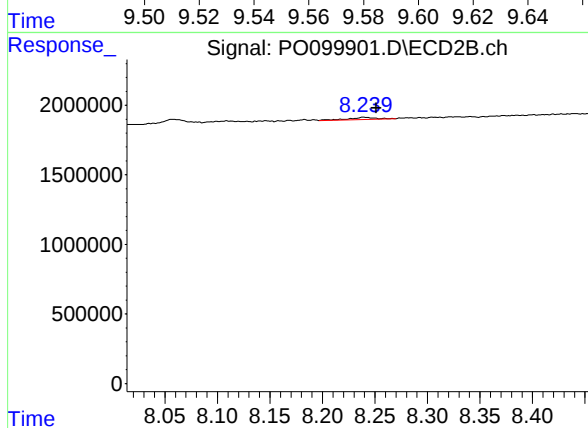
#43 AR-1268-3

R.T.: 7.949 min
Delta R.T.: -0.011 min
Response: 129424
Conc: 1.06 ng/ml



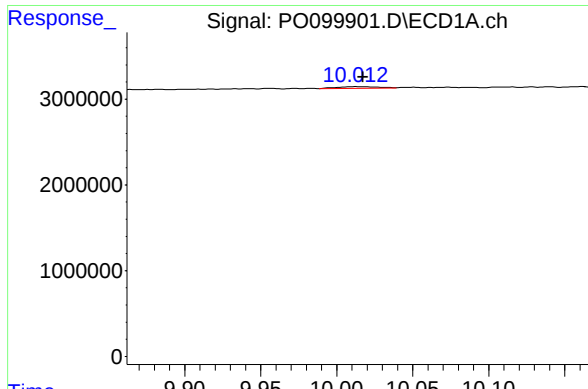
#44 AR-1268-4

R.T.: 9.579 min
Delta R.T.: -0.003 min
Response: 77797
Conc: 2.23 ng/ml



#44 AR-1268-4

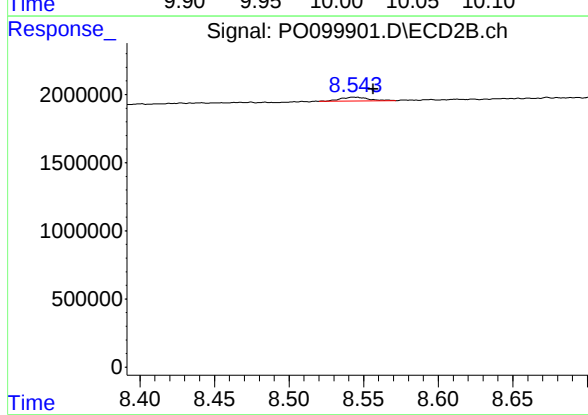
R.T.: 8.239 min
Delta R.T.: -0.012 min
Response: 282664
Conc: 6.56 ng/ml



#45 AR-1268-5

R.T.: 10.013 min
Delta R.T.: -0.004 min
Response: 391829
Conc: 1.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.544 min
Delta R.T.: -0.012 min
Response: 372062
Conc: 1.07 ng/ml