

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0111023\
 Data File : P0099608.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Nov 2023 22:22
 Operator : YP/AJ
 Sample : AR1242CCC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 11 00:03:34 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0110923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 10 11:13:12 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...	4.494	3.722	87223618	63242431	50.667	52.166
2) SA Decachlor...	10.379	8.834	43746046	47928263	68.534	65.252
Target Compounds						
3) L1 AR-1016-1	5.680	4.830	17469962	11260711	449.529	418.773
4) L1 AR-1016-2	5.703	4.849	27348546	15555809	427.013	426.779
5) L1 AR-1016-3	5.766	5.029	17954910	8350369	414.352	416.660
6) L1 AR-1016-4	5.865	5.071	13523865	7072818	435.180	425.603
7) L1 AR-1016-5	6.165	5.288	13770368	8842346	452.796	428.043
8) L2 AR-1221-1	4.702	3.939	2620521	1884082	137.587	128.599
9) L2 AR-1221-2	4.794	4.028	3794575	2482698	269.376	271.081
10) L2 AR-1221-3	4.870	4.106	12073298	9148513	291.144	295.604
11) L3 AR-1232-1	4.870	4.106	12073298	9148513	358.399	353.899
12) L3 AR-1232-2	5.408	4.849	15490188	15555809	928.285	898.019
13) L3 AR-1232-3	5.703	5.029	27348546	8350369	964.057	950.826
14) L3 AR-1232-4	5.865	5.114	13523865	8566766	1002.689	1056.221
15) L3 AR-1232-5	5.958	5.288	12384697	8842346	1080.197	1033.708
16) L4 AR-1242-1	5.680	4.830	17469962	11260711	557.085	508.880
17) L4 AR-1242-2	5.703	4.849	27348546	15555809	530.179	522.439
18) L4 AR-1242-3	5.766	5.029	17954910	8350369	515.184	506.126
19) L4 AR-1242-4	5.865	5.114	13523865	8566766	534.781	508.468
20) L4 AR-1242-5	6.613	5.645	11766626	9722441	575.122	556.934
21) L5 AR-1248-1	5.680	4.830	17469962	11260711	739.809	652.287
22) L5 AR-1248-2	5.958	5.071	12384697	7072818	318.519	300.431
23) L5 AR-1248-3	6.165	5.114	13770368	8566766	331.907	345.829
24) L5 AR-1248-4	6.574	5.288	11307764	8842346	294.398	320.720
25) L5 AR-1248-5	6.613	5.687	11766626	7639038	310.296	334.772
26) L6 AR-1254-1	6.545	5.645	8940966	9722441	198.673	267.285 #
27) L6 AR-1254-2	6.771	5.795	10597702	2920907	168.052	89.916 #
28) L6 AR-1254-3	7.138	6.204	4742515	4173820	81.424	76.975
29) L6 AR-1254-4	7.428	6.435	2773031	2766448	81.365	98.233
30) L6 AR-1254-5	7.851	6.857	1125522	1677833	28.765	34.435
31) L7 AR-1260-1	7.305	6.351	871032	2398203	17.525	55.605 #
32) L7 AR-1260-2	7.567	6.525	1051386	822244	20.583	17.548
33) L7 AR-1260-3	7.928	6.682	114200	990167	3.185	21.694 #
34) L7 AR-1260-4	8.171	7.162	42961	78316	1.088	2.131 #
35) L7 AR-1260-5	8.489	7.403	11877	165086	0.198	2.265 #
36) L8 AR-1262-1	7.851	6.857	1125522	1677833	35.632	68.258 #
37) L8 AR-1262-2	8.489	7.162	11877	78316	0.161	1.580 #
38) L8 AR-1262-3	8.810	7.677	110884	36440	2.159	0.986 #
39) L8 AR-1262-4	8.900	7.755	63564	256125	1.635	3.987 #
40) L8 AR-1262-5	9.582	8.212f	110368	94847	5.193	3.451 #
41) L9 AR-1268-1	8.810	7.677	110884	36440	1.101	0.331 #

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 Integrator: ChemStation

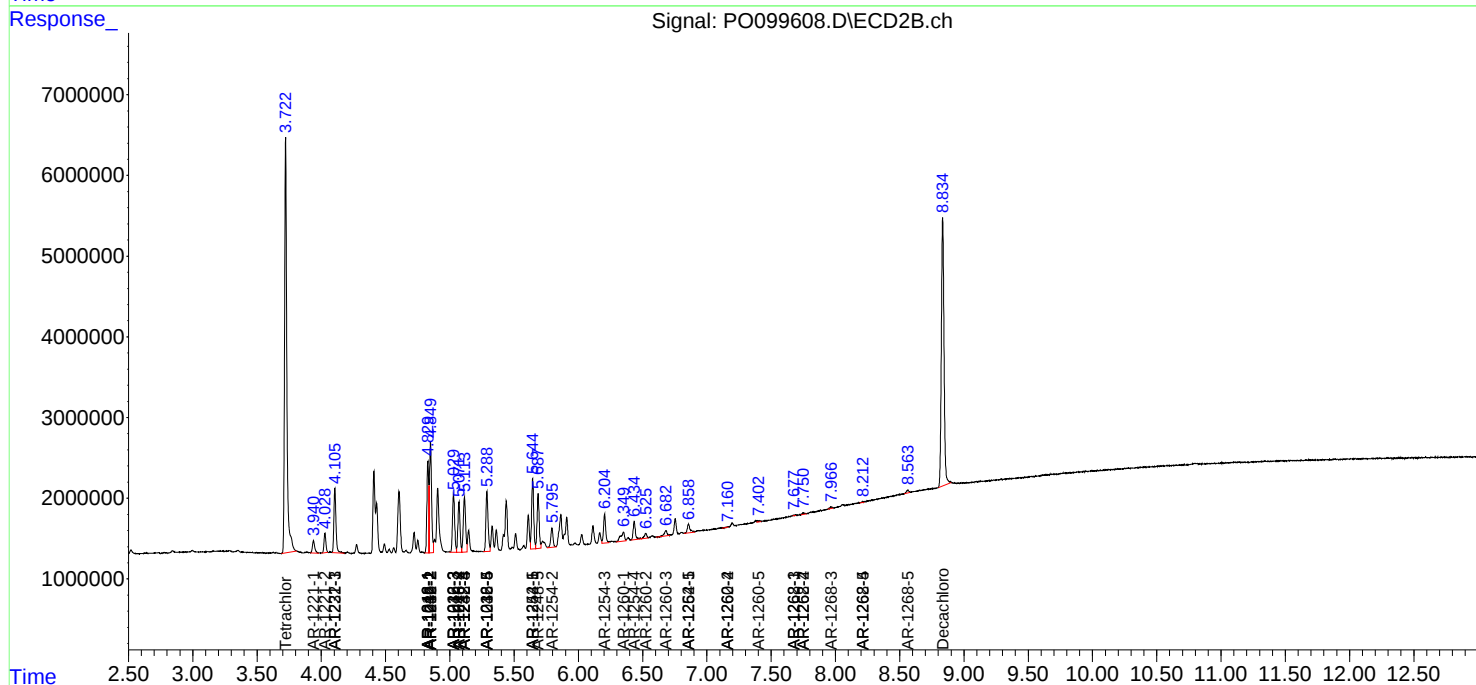
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

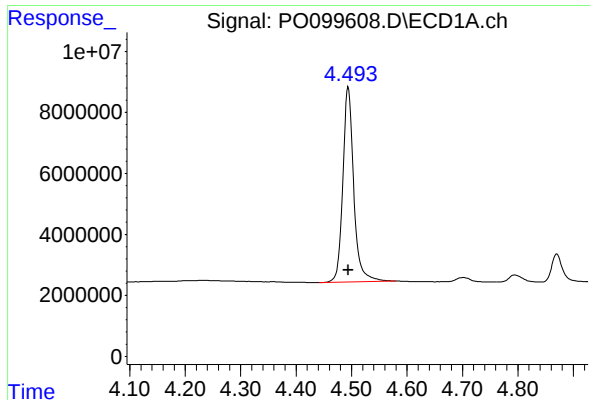
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.912	7.755	40426	256125	0.477	2.598 #
43) L9	AR-1268-3	9.148	7.966	225882	263648	2.649	2.784
44) L9	AR-1268-4	9.582	8.212f	110368	94847	4.540	3.166 #
45) L9	AR-1268-5	10.026	8.563	594885	425888	2.799	1.692 #

(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

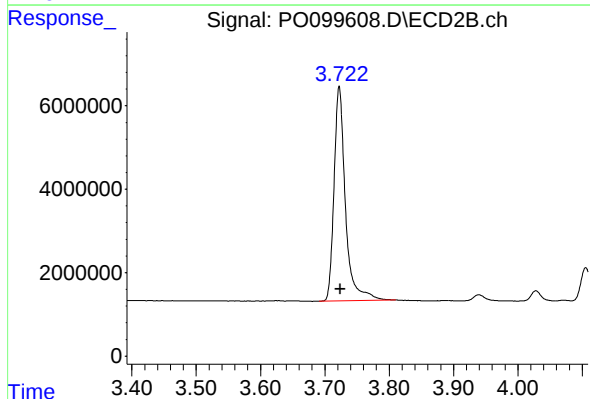




#1 Tetrachloro-m-xylene

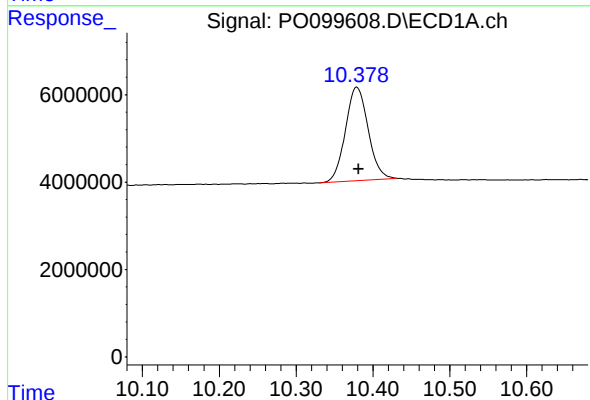
R.T.: 4.494 min
Delta R.T.: 0.000 min
Response: 87223618
Conc: 50.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



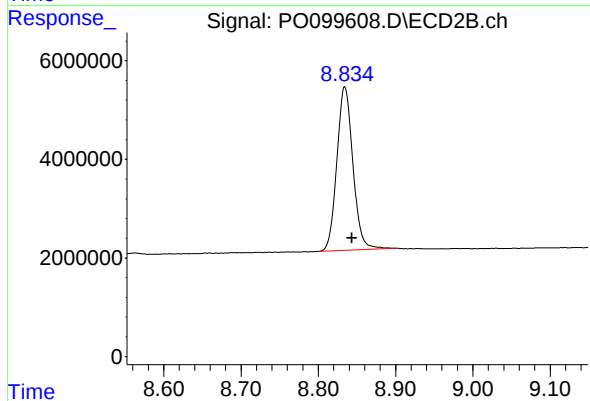
#1 Tetrachloro-m-xylene

R.T.: 3.722 min
Delta R.T.: -0.002 min
Response: 63242431
Conc: 52.17 ng/ml



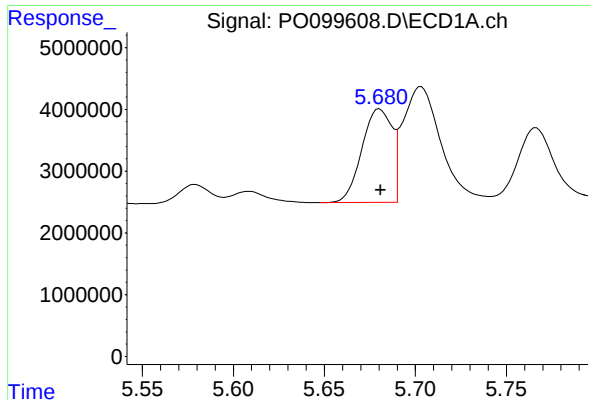
#2 Decachlorobiphenyl

R.T.: 10.379 min
Delta R.T.: -0.003 min
Response: 43746046
Conc: 68.53 ng/ml



#2 Decachlorobiphenyl

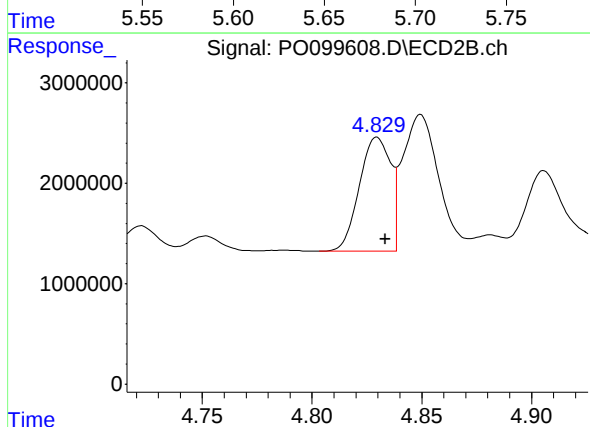
R.T.: 8.834 min
Delta R.T.: -0.009 min
Response: 47928263
Conc: 65.25 ng/ml



#3 AR-1016-1

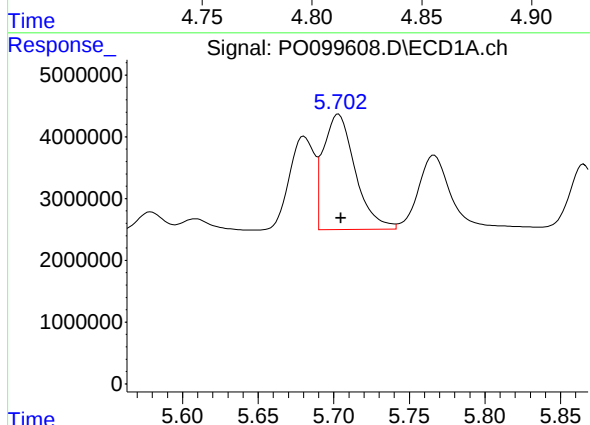
R.T.: 5.680 min
Delta R.T.: 0.000 min
Response: 17469962
Conc: 449.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



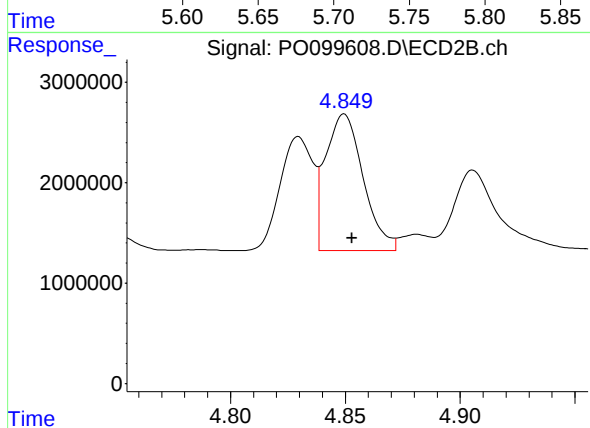
#3 AR-1016-1

R.T.: 4.830 min
Delta R.T.: -0.004 min
Response: 11260711
Conc: 418.77 ng/ml



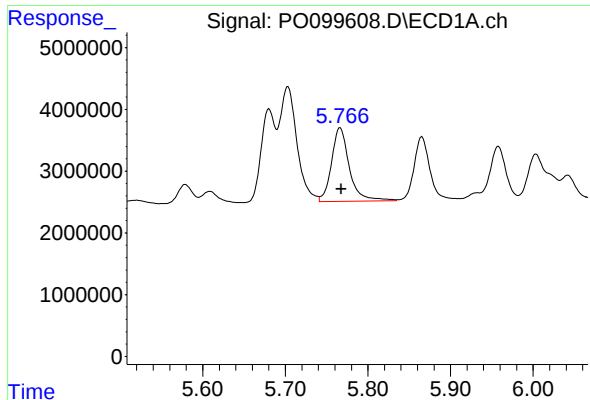
#4 AR-1016-2

R.T.: 5.703 min
Delta R.T.: -0.002 min
Response: 27348546
Conc: 427.01 ng/ml



#4 AR-1016-2

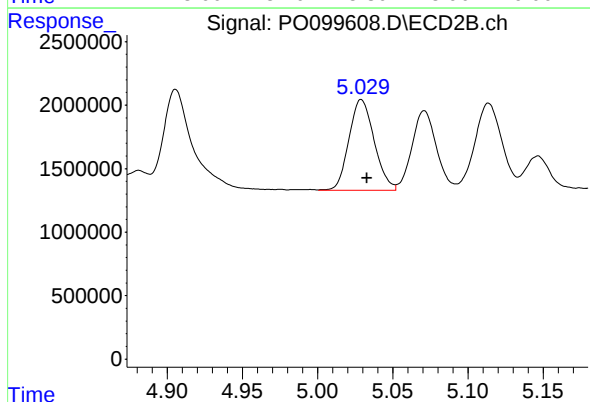
R.T.: 4.849 min
Delta R.T.: -0.003 min
Response: 15555809
Conc: 426.78 ng/ml



#5 AR-1016-3

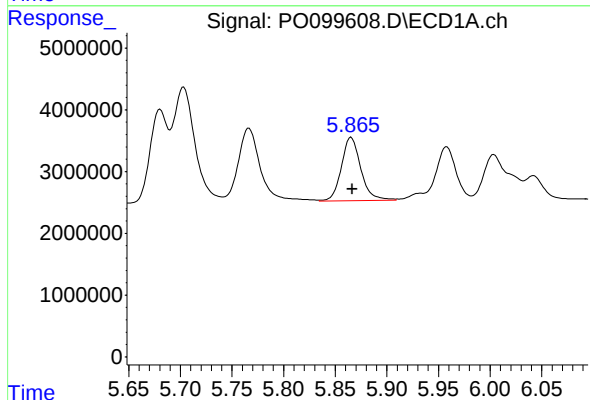
R.T.: 5.766 min
Delta R.T.: -0.001 min
Response: 17954910
Conc: 414.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



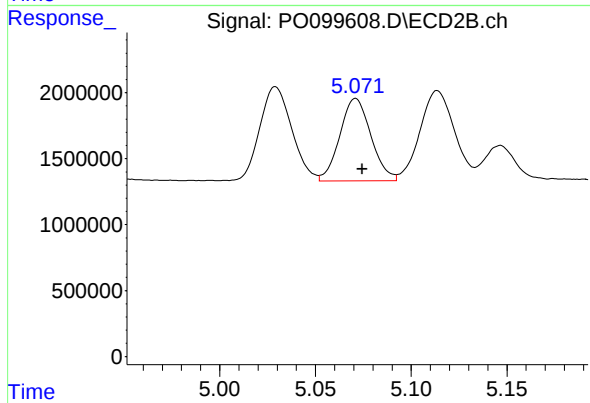
#5 AR-1016-3

R.T.: 5.029 min
Delta R.T.: -0.004 min
Response: 8350369
Conc: 416.66 ng/ml



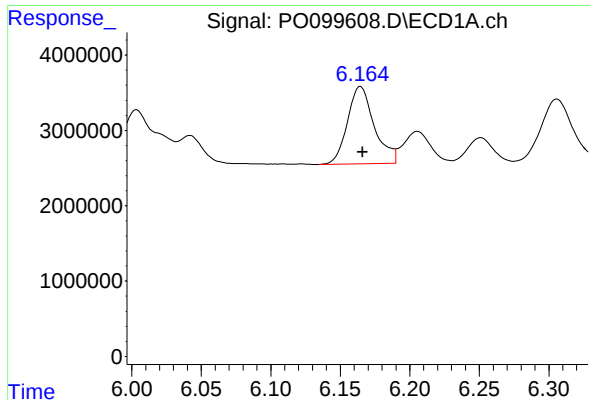
#6 AR-1016-4

R.T.: 5.865 min
Delta R.T.: -0.001 min
Response: 13523865
Conc: 435.18 ng/ml



#6 AR-1016-4

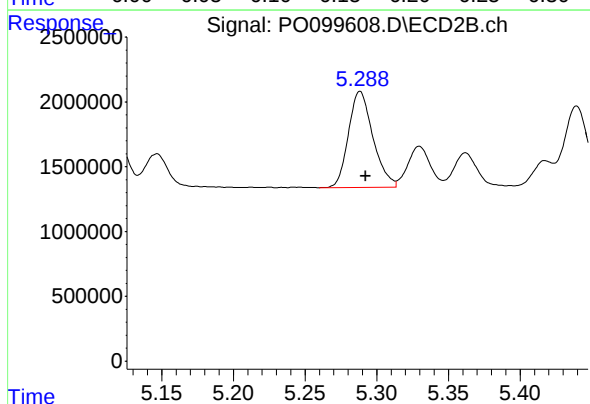
R.T.: 5.071 min
Delta R.T.: -0.003 min
Response: 7072818
Conc: 425.60 ng/ml



#7 AR-1016-5

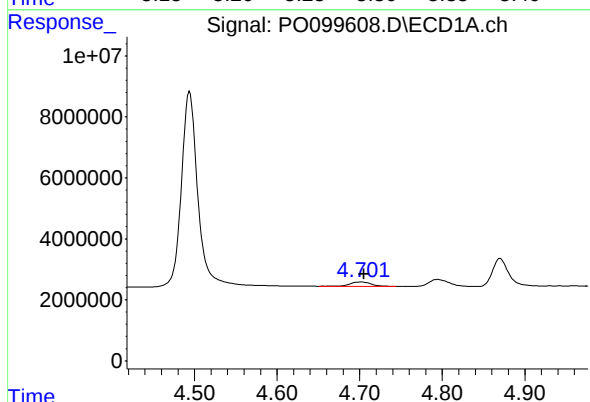
R.T.: 6.165 min
Delta R.T.: -0.001 min
Response: 13770368
Conc: 452.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



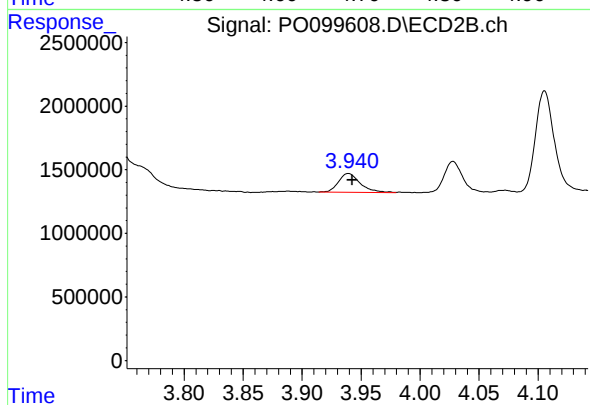
#7 AR-1016-5

R.T.: 5.288 min
Delta R.T.: -0.004 min
Response: 8842346
Conc: 428.04 ng/ml



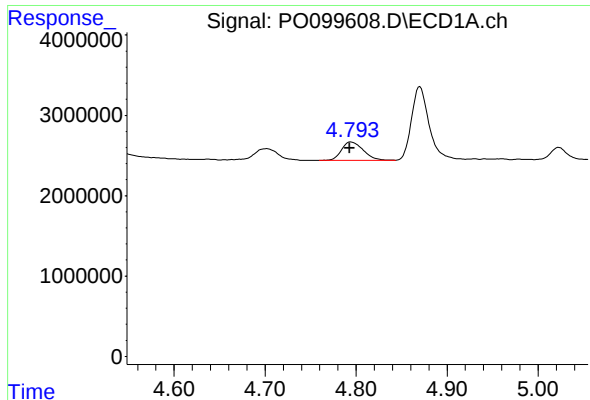
#8 AR-1221-1

R.T.: 4.702 min
Delta R.T.: -0.003 min
Response: 2620521
Conc: 137.59 ng/ml



#8 AR-1221-1

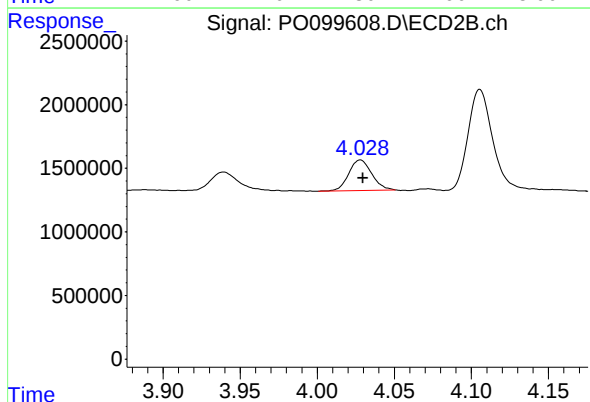
R.T.: 3.939 min
Delta R.T.: -0.003 min
Response: 1884082
Conc: 128.60 ng/ml



#9 AR-1221-2

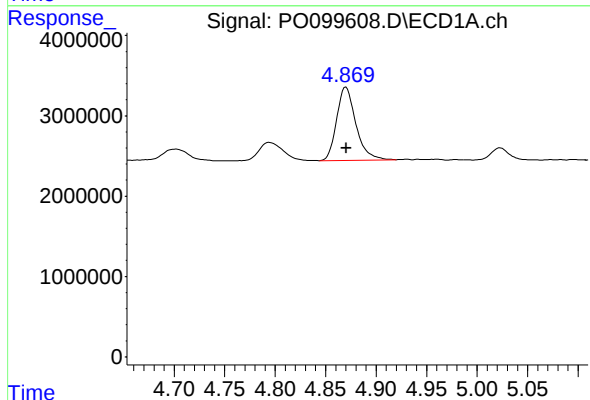
R.T.: 4.794 min
Delta R.T.: 0.001 min
Response: 3794575
Conc: 269.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



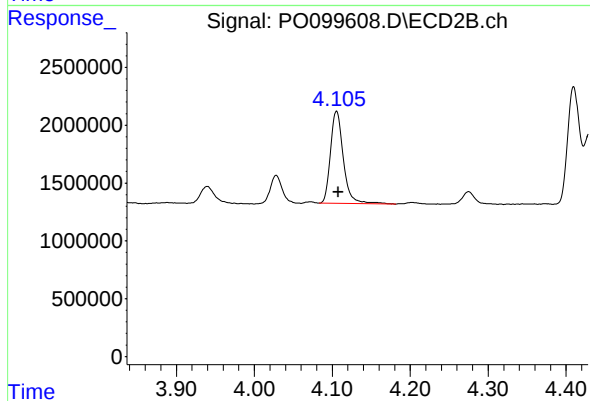
#9 AR-1221-2

R.T.: 4.028 min
Delta R.T.: -0.002 min
Response: 2482698
Conc: 271.08 ng/ml



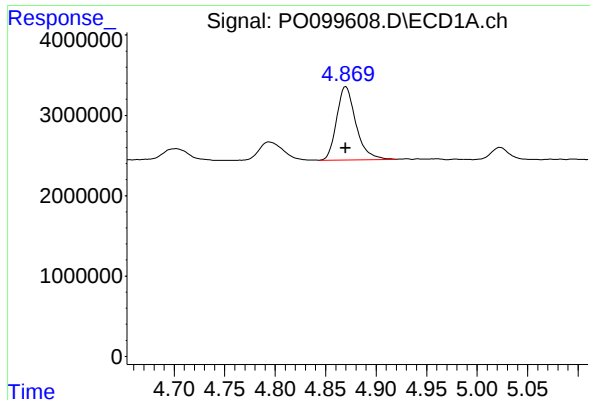
#10 AR-1221-3

R.T.: 4.870 min
Delta R.T.: 0.000 min
Response: 12073298
Conc: 291.14 ng/ml



#10 AR-1221-3

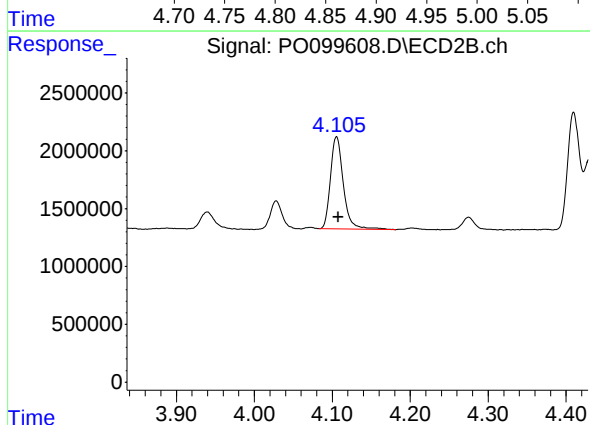
R.T.: 4.106 min
Delta R.T.: -0.002 min
Response: 9148513
Conc: 295.60 ng/ml



#11 AR-1232-1

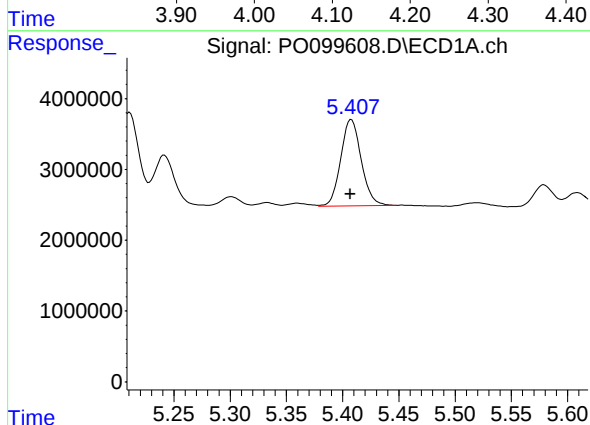
R.T.: 4.870 min
Delta R.T.: 0.000 min
Response: 12073298
Conc: 358.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



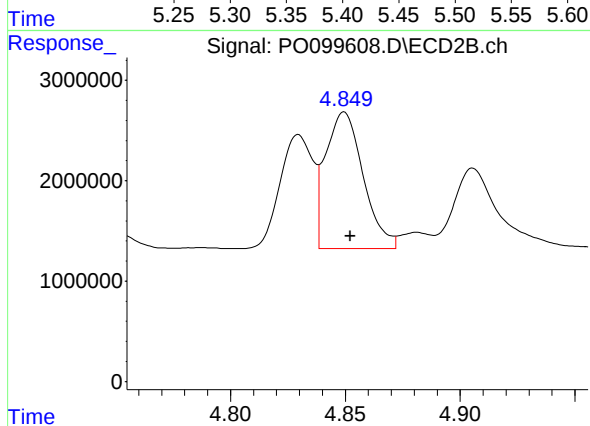
#11 AR-1232-1

R.T.: 4.106 min
Delta R.T.: -0.002 min
Response: 9148513
Conc: 353.90 ng/ml



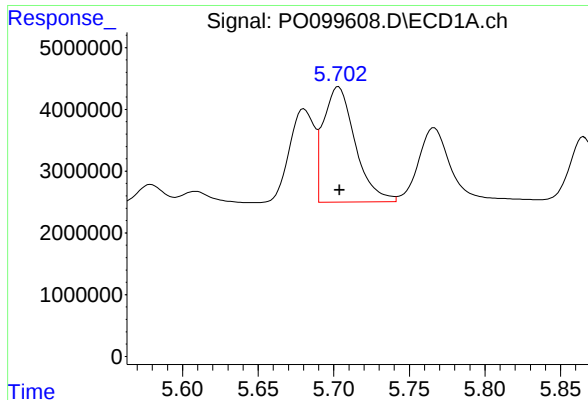
#12 AR-1232-2

R.T.: 5.408 min
Delta R.T.: 0.000 min
Response: 15490188
Conc: 928.28 ng/ml



#12 AR-1232-2

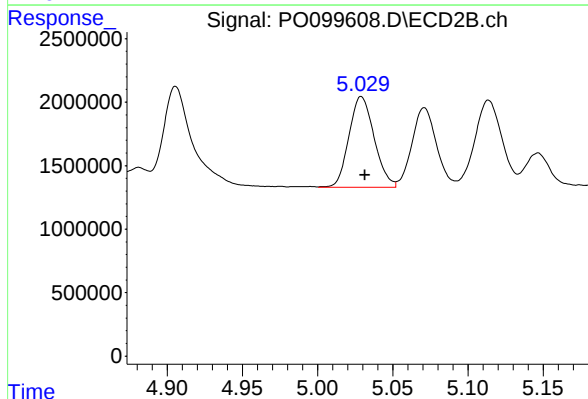
R.T.: 4.849 min
Delta R.T.: -0.003 min
Response: 15555809
Conc: 898.02 ng/ml



#13 AR-1232-3

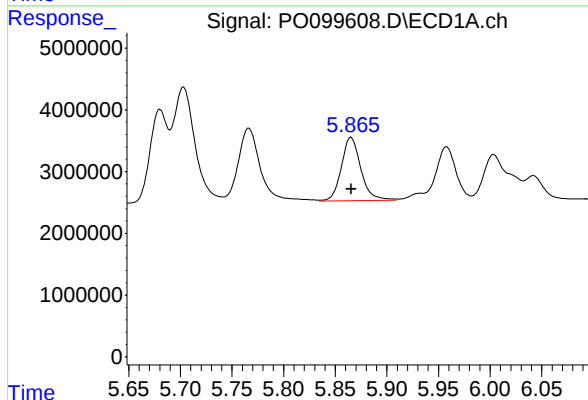
R.T.: 5.703 min
Delta R.T.: 0.000 min
Response: 27348546
Conc: 964.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



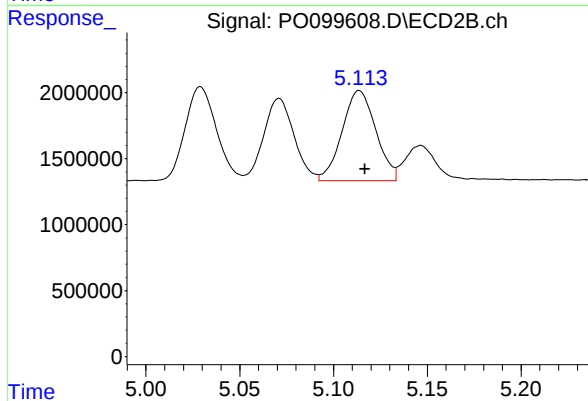
#13 AR-1232-3

R.T.: 5.029 min
Delta R.T.: -0.002 min
Response: 8350369
Conc: 950.83 ng/ml



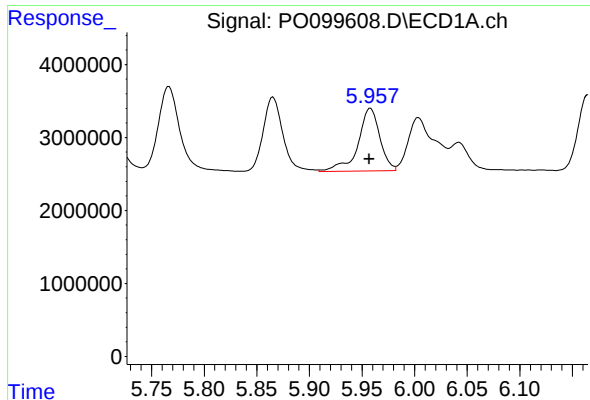
#14 AR-1232-4

R.T.: 5.865 min
Delta R.T.: 0.000 min
Response: 13523865
Conc: 1002.69 ng/ml



#14 AR-1232-4

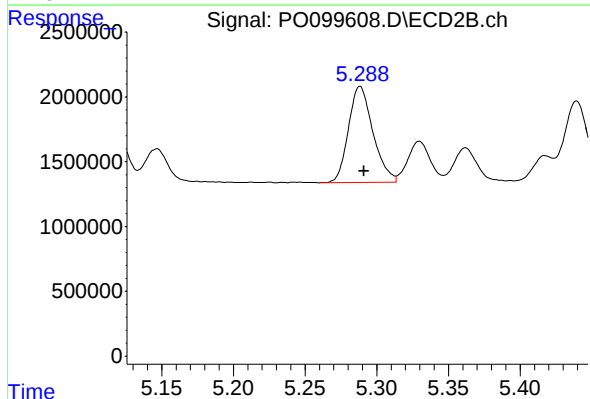
R.T.: 5.114 min
Delta R.T.: -0.003 min
Response: 8566766
Conc: 1056.22 ng/ml



#15 AR-1232-5

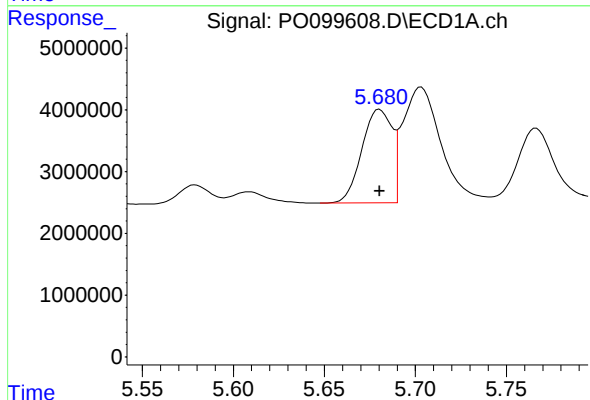
R.T.: 5.958 min
Delta R.T.: 0.001 min
Response: 12384697
Conc: 1080.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



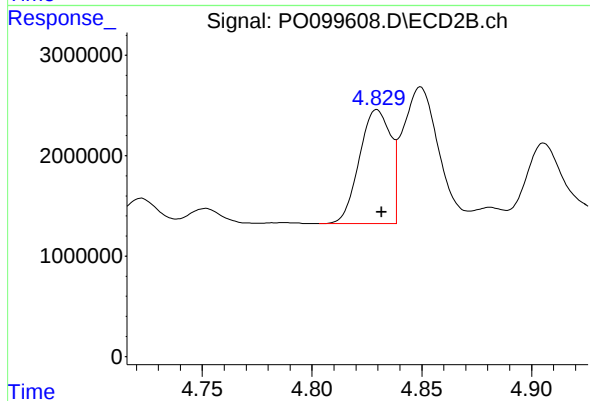
#15 AR-1232-5

R.T.: 5.288 min
Delta R.T.: -0.003 min
Response: 8842346
Conc: 1033.71 ng/ml



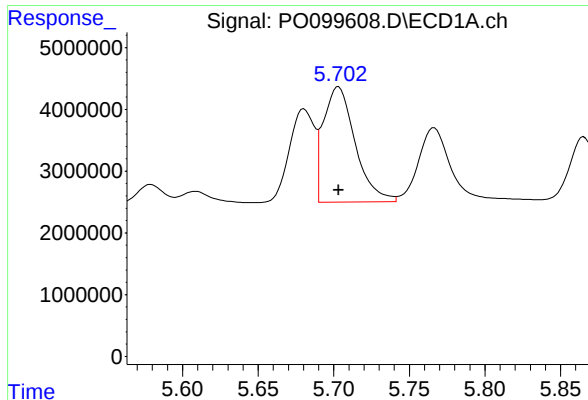
#16 AR-1242-1

R.T.: 5.680 min
Delta R.T.: 0.000 min
Response: 17469962
Conc: 557.08 ng/ml



#16 AR-1242-1

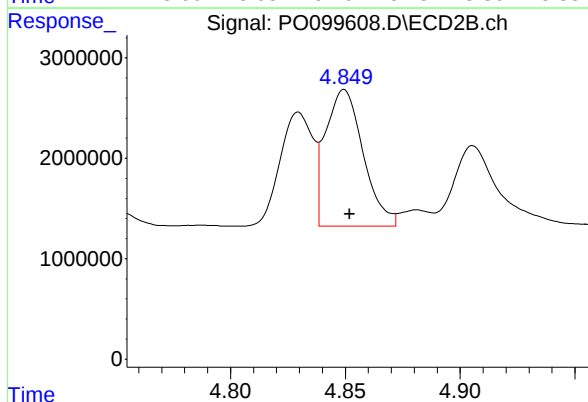
R.T.: 4.830 min
Delta R.T.: -0.002 min
Response: 11260711
Conc: 508.88 ng/ml



#17 AR-1242-2

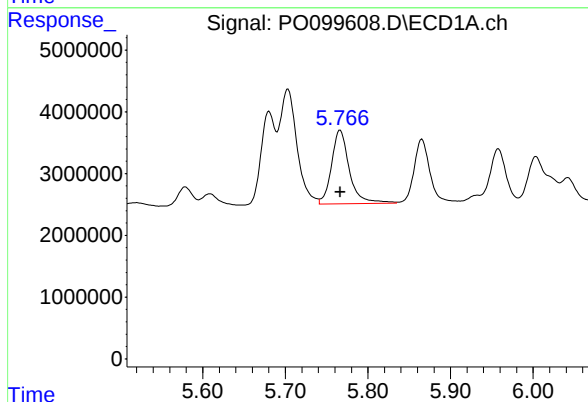
R.T.: 5.703 min
Delta R.T.: 0.000 min
Response: 27348546
Conc: 530.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



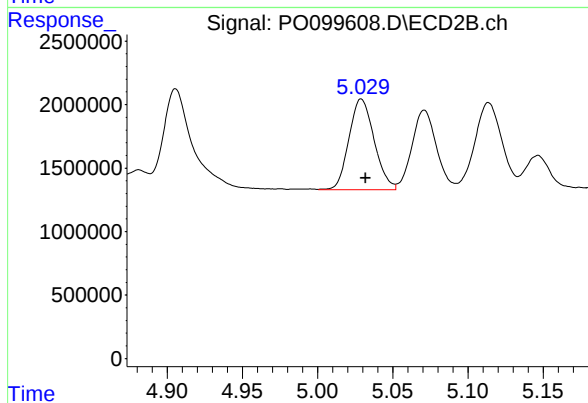
#17 AR-1242-2

R.T.: 4.849 min
Delta R.T.: -0.002 min
Response: 15555809
Conc: 522.44 ng/ml



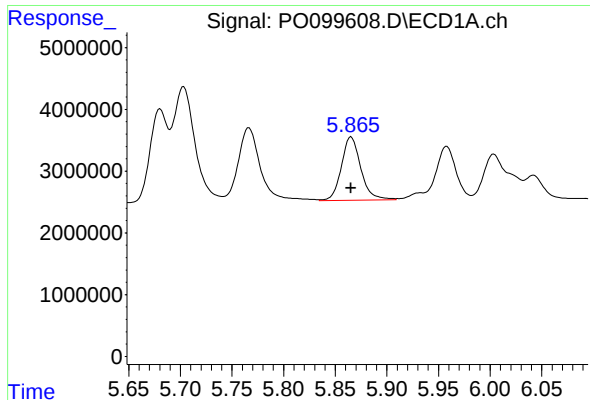
#18 AR-1242-3

R.T.: 5.766 min
Delta R.T.: 0.000 min
Response: 17954910
Conc: 515.18 ng/ml



#18 AR-1242-3

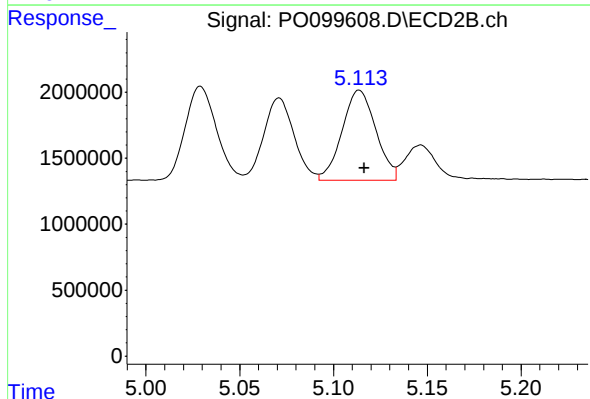
R.T.: 5.029 min
Delta R.T.: -0.003 min
Response: 8350369
Conc: 506.13 ng/ml



#19 AR-1242-4

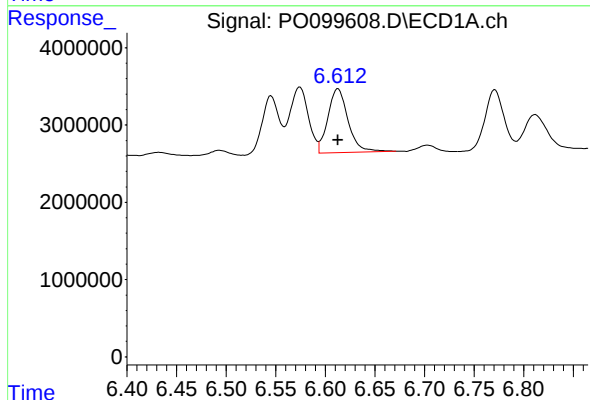
R.T.: 5.865 min
Delta R.T.: 0.000 min
Response: 13523865
Conc: 534.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



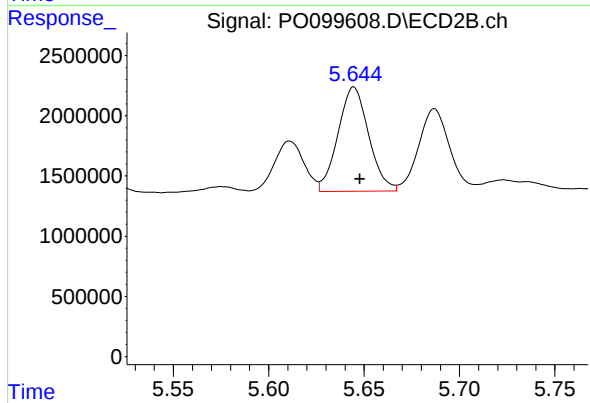
#19 AR-1242-4

R.T.: 5.114 min
Delta R.T.: -0.003 min
Response: 8566766
Conc: 508.47 ng/ml



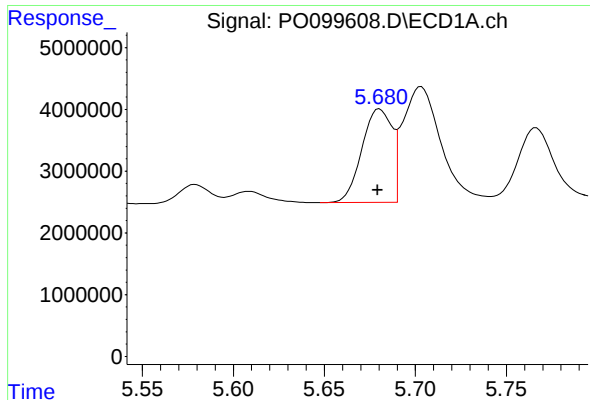
#20 AR-1242-5

R.T.: 6.613 min
Delta R.T.: 0.000 min
Response: 11766626
Conc: 575.12 ng/ml



#20 AR-1242-5

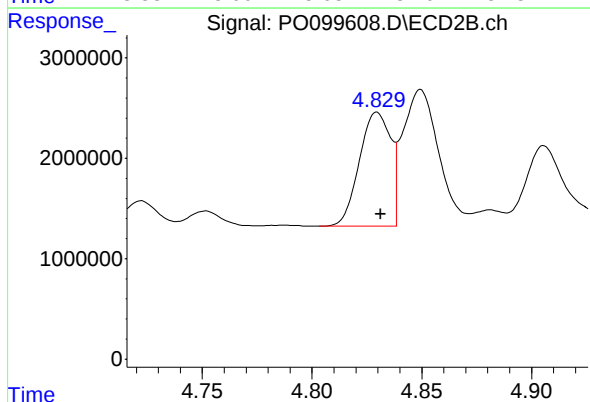
R.T.: 5.645 min
Delta R.T.: -0.003 min
Response: 9722441
Conc: 556.93 ng/ml



#21 AR-1248-1

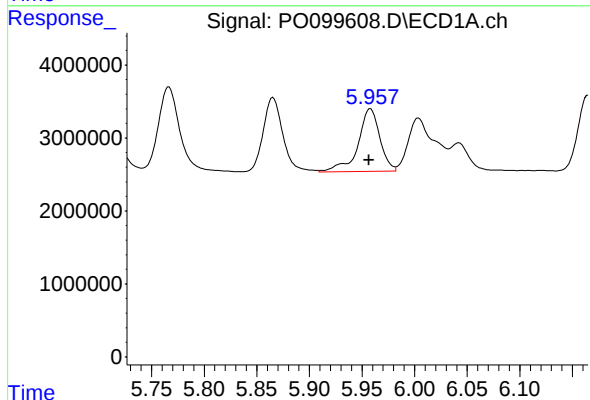
R.T.: 5.680 min
Delta R.T.: 0.001 min
Response: 17469962
Conc: 739.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



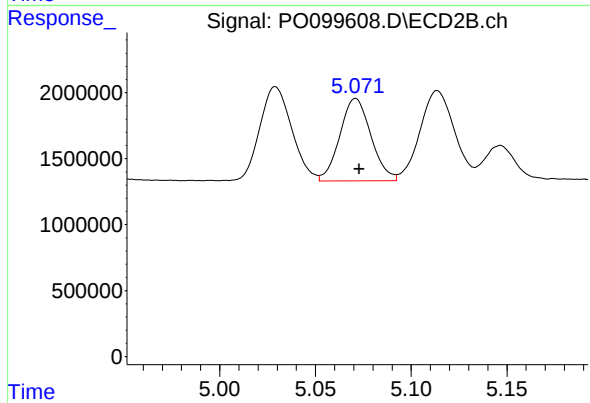
#21 AR-1248-1

R.T.: 4.830 min
Delta R.T.: -0.002 min
Response: 11260711
Conc: 652.29 ng/ml



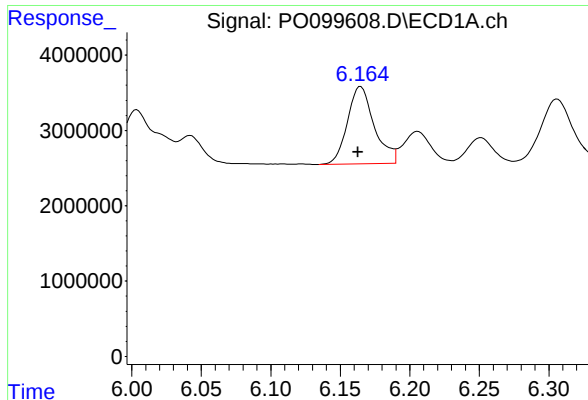
#22 AR-1248-2

R.T.: 5.958 min
Delta R.T.: 0.001 min
Response: 12384697
Conc: 318.52 ng/ml



#22 AR-1248-2

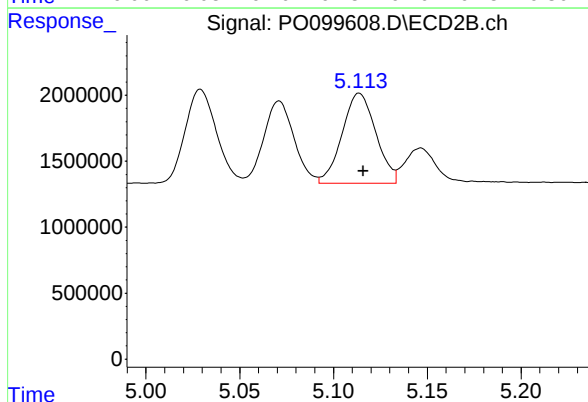
R.T.: 5.071 min
Delta R.T.: -0.002 min
Response: 7072818
Conc: 300.43 ng/ml



#23 AR-1248-3

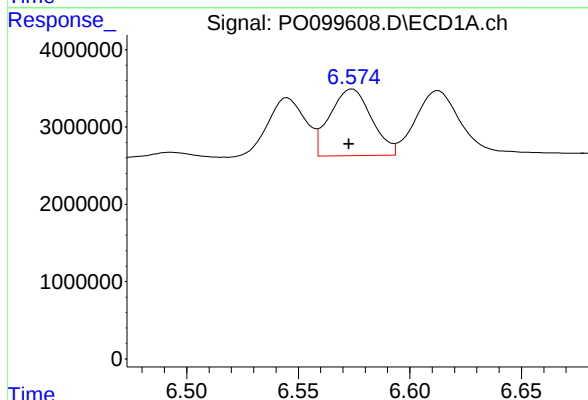
R.T.: 6.165 min
Delta R.T.: 0.002 min
Response: 13770368
Conc: 331.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



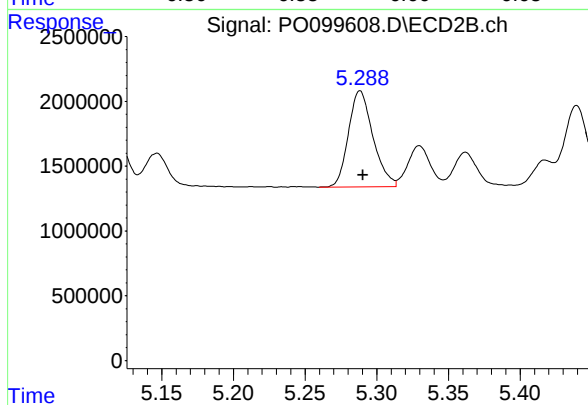
#23 AR-1248-3

R.T.: 5.114 min
Delta R.T.: -0.002 min
Response: 8566766
Conc: 345.83 ng/ml



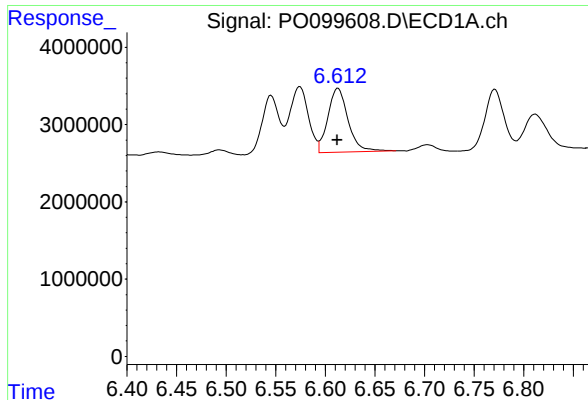
#24 AR-1248-4

R.T.: 6.574 min
Delta R.T.: 0.002 min
Response: 11307764
Conc: 294.40 ng/ml



#24 AR-1248-4

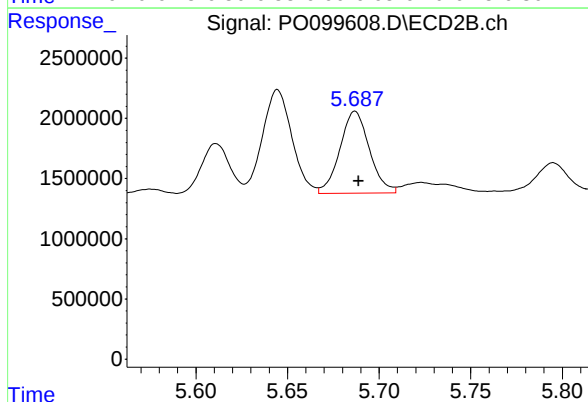
R.T.: 5.288 min
Delta R.T.: -0.002 min
Response: 8842346
Conc: 320.72 ng/ml



#25 AR-1248-5

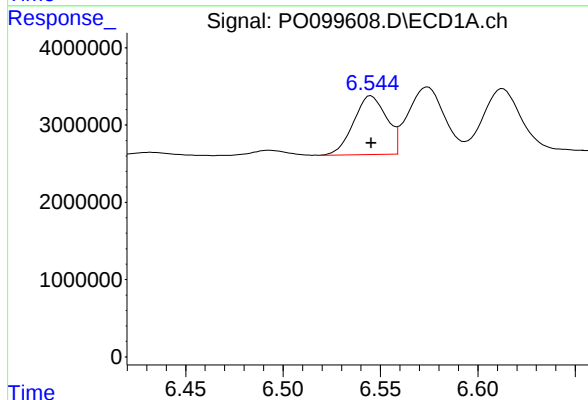
R.T.: 6.613 min
Delta R.T.: 0.000 min
Response: 11766626
Conc: 310.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



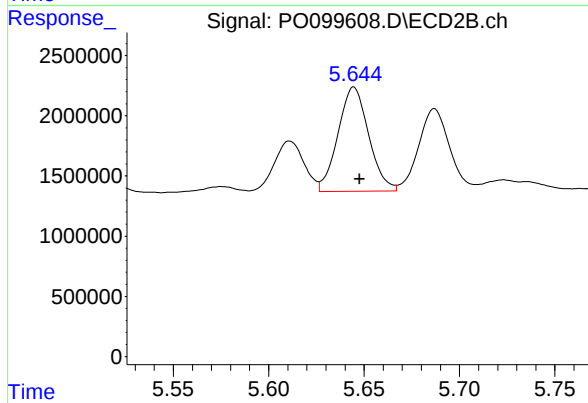
#25 AR-1248-5

R.T.: 5.687 min
Delta R.T.: -0.002 min
Response: 7639038
Conc: 334.77 ng/ml



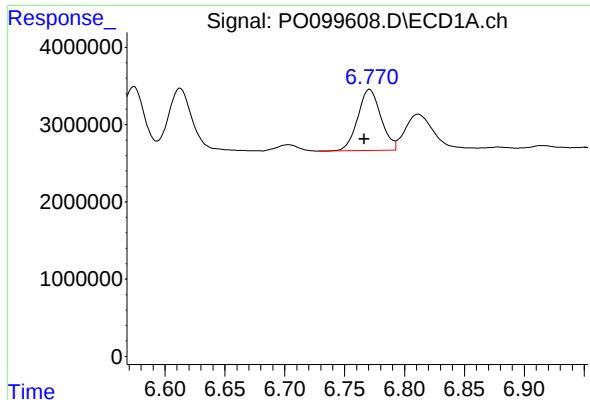
#26 AR-1254-1

R.T.: 6.545 min
Delta R.T.: 0.000 min
Response: 8940966
Conc: 198.67 ng/ml



#26 AR-1254-1

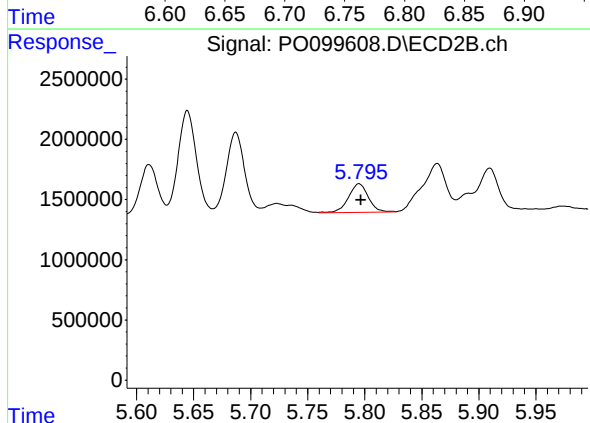
R.T.: 5.645 min
Delta R.T.: -0.003 min
Response: 9722441
Conc: 267.29 ng/ml



#27 AR-1254-2

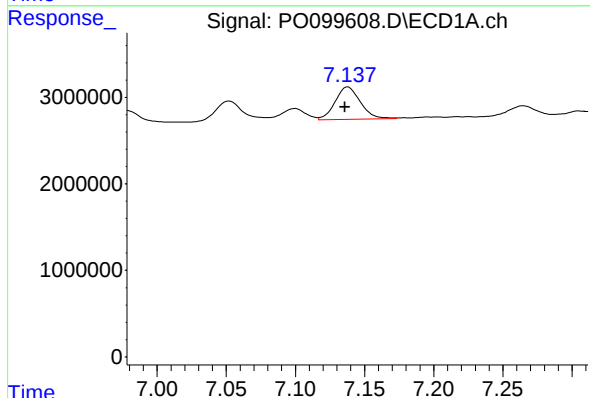
R.T.: 6.771 min
Delta R.T.: 0.005 min
Response: 10597702
Conc: 168.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



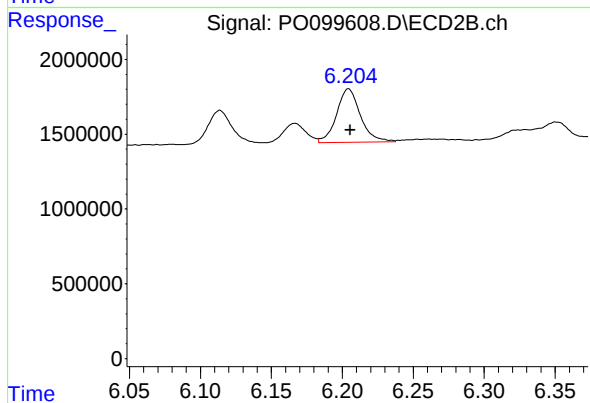
#27 AR-1254-2

R.T.: 5.795 min
Delta R.T.: -0.002 min
Response: 2920907
Conc: 89.92 ng/ml



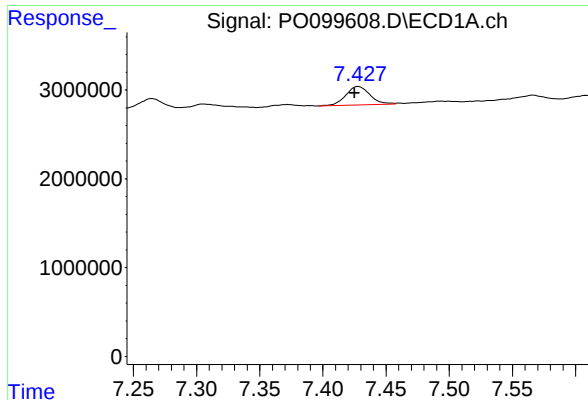
#28 AR-1254-3

R.T.: 7.138 min
Delta R.T.: 0.002 min
Response: 4742515
Conc: 81.42 ng/ml



#28 AR-1254-3

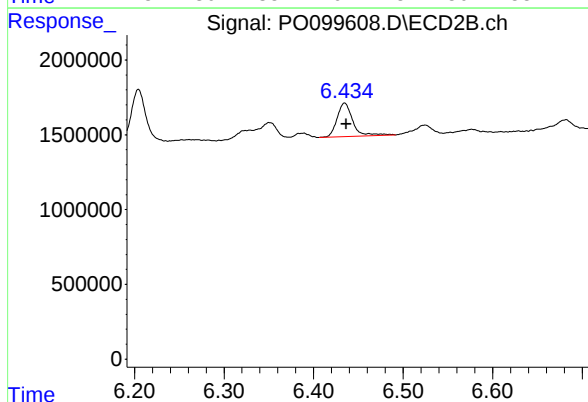
R.T.: 6.204 min
Delta R.T.: -0.001 min
Response: 4173820
Conc: 76.98 ng/ml



#29 AR-1254-4

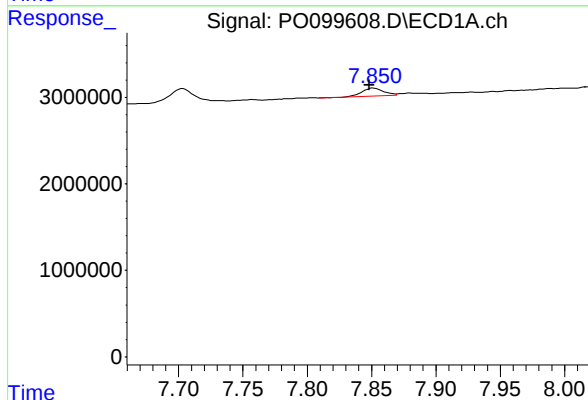
R.T.: 7.428 min
Delta R.T.: 0.003 min
Response: 2773031
Conc: 81.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



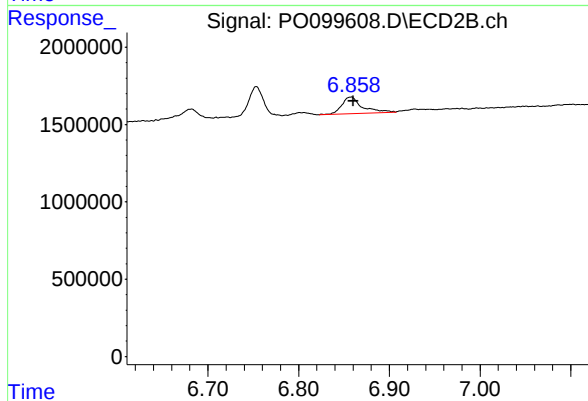
#29 AR-1254-4

R.T.: 6.435 min
Delta R.T.: -0.002 min
Response: 2766448
Conc: 98.23 ng/ml



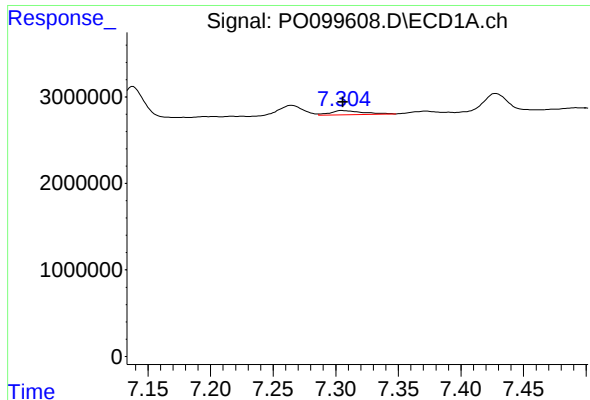
#30 AR-1254-5

R.T.: 7.851 min
Delta R.T.: 0.003 min
Response: 1125522
Conc: 28.77 ng/ml



#30 AR-1254-5

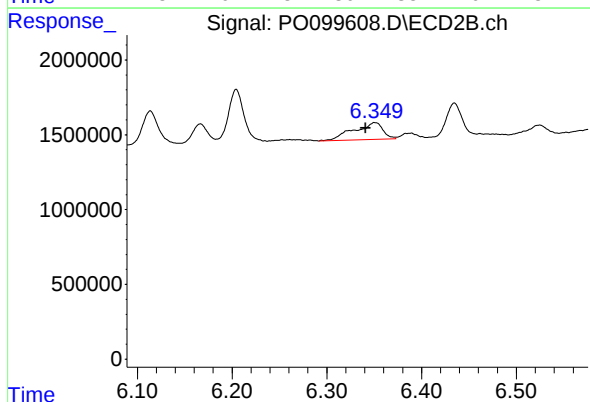
R.T.: 6.857 min
Delta R.T.: -0.003 min
Response: 1677833
Conc: 34.43 ng/ml



#31 AR-1260-1

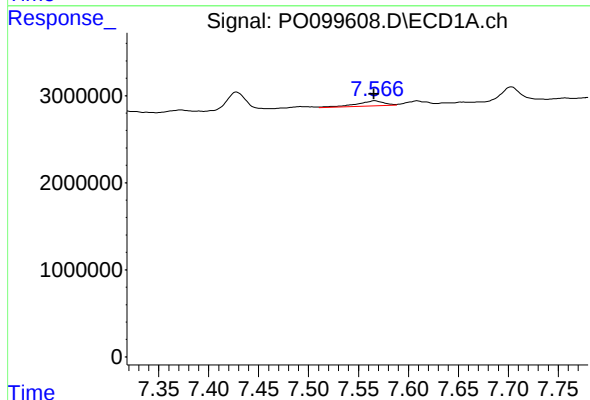
R.T.: 7.305 min
Delta R.T.: 0.000 min
Response: 871032
Conc: 17.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



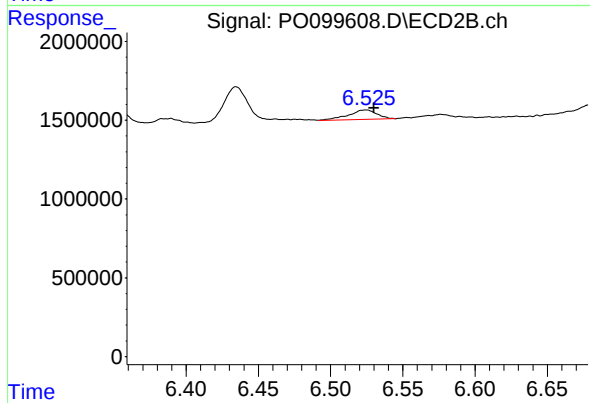
#31 AR-1260-1

R.T.: 6.351 min
Delta R.T.: 0.010 min
Response: 2398203
Conc: 55.61 ng/ml



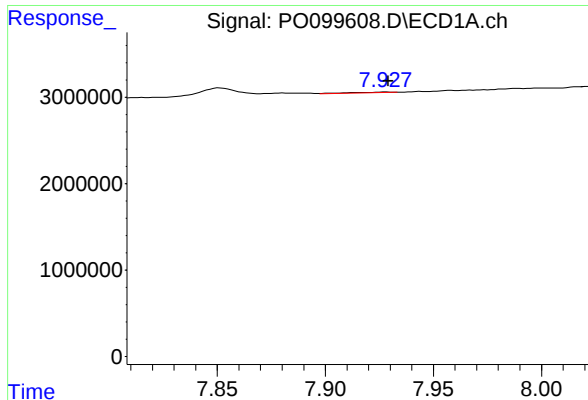
#32 AR-1260-2

R.T.: 7.567 min
Delta R.T.: 0.000 min
Response: 1051386
Conc: 20.58 ng/ml



#32 AR-1260-2

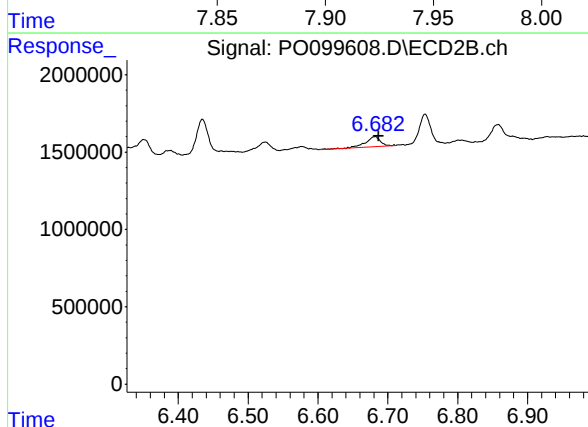
R.T.: 6.525 min
Delta R.T.: -0.005 min
Response: 822244
Conc: 17.55 ng/ml



#33 AR-1260-3

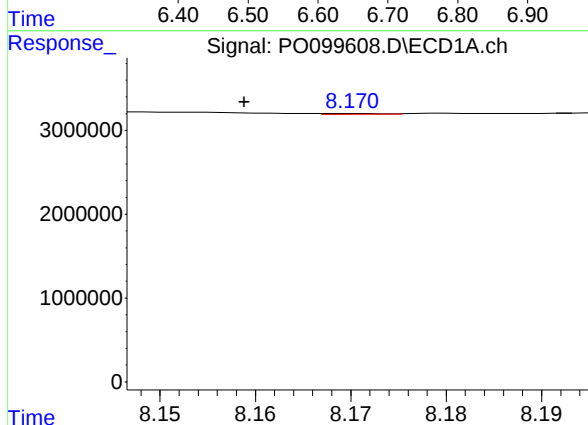
R.T.: 7.928 min
Delta R.T.: 0.000 min
Response: 114200
Conc: 3.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



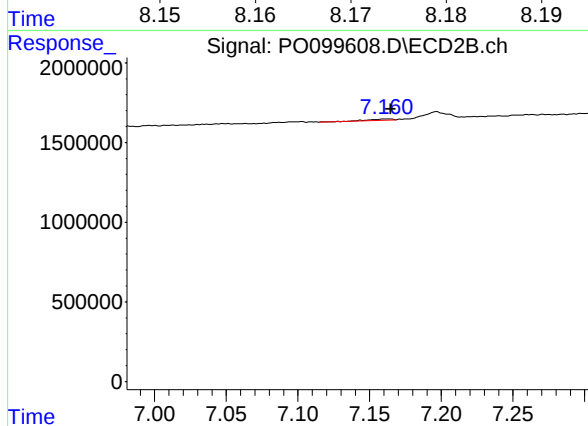
#33 AR-1260-3

R.T.: 6.682 min
Delta R.T.: -0.005 min
Response: 990167
Conc: 21.69 ng/ml



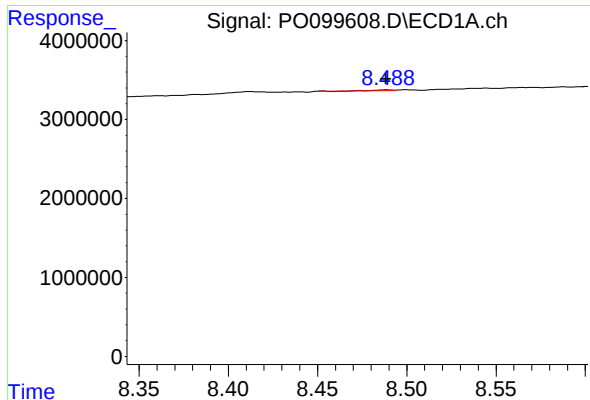
#34 AR-1260-4

R.T.: 8.171 min
Delta R.T.: 0.012 min
Response: 42961
Conc: 1.09 ng/ml



#34 AR-1260-4

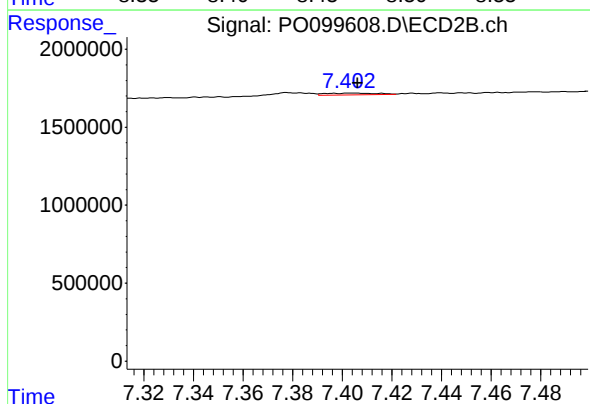
R.T.: 7.162 min
Delta R.T.: -0.003 min
Response: 78316
Conc: 2.13 ng/ml



#35 AR-1260-5

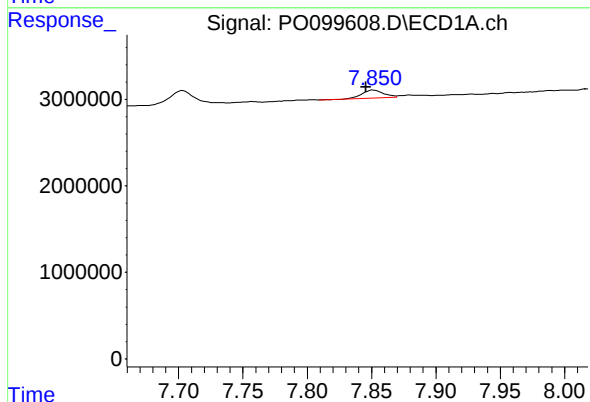
R.T.: 8.489 min
Delta R.T.: 0.000 min
Response: 11877
Conc: 0.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



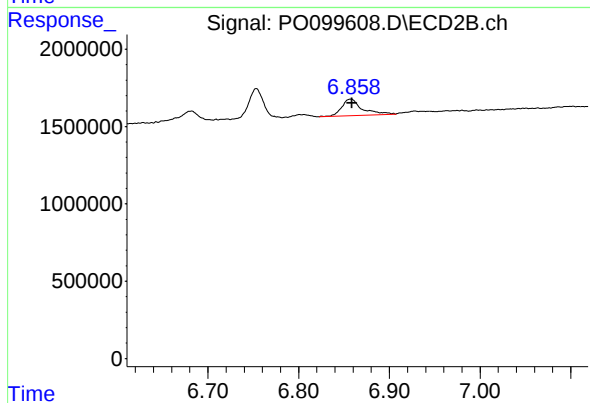
#35 AR-1260-5

R.T.: 7.403 min
Delta R.T.: -0.003 min
Response: 165086
Conc: 2.26 ng/ml



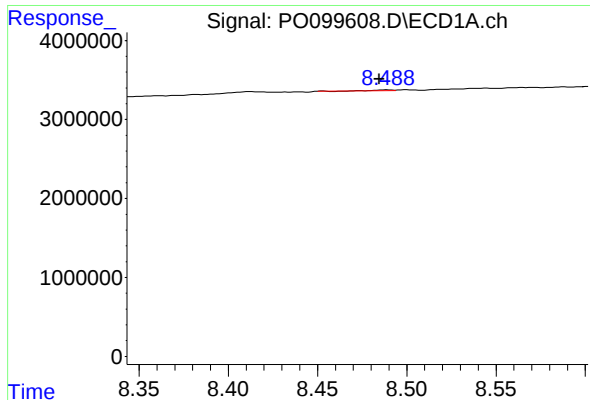
#36 AR-1262-1

R.T.: 7.851 min
Delta R.T.: 0.005 min
Response: 1125522
Conc: 35.63 ng/ml



#36 AR-1262-1

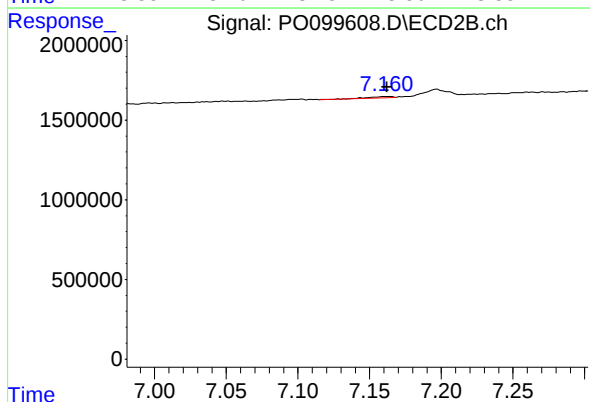
R.T.: 6.857 min
Delta R.T.: -0.001 min
Response: 1677833
Conc: 68.26 ng/ml



#37 AR-1262-2

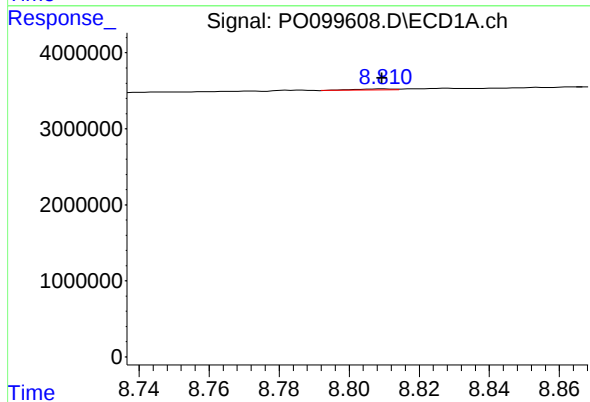
R.T.: 8.489 min
Delta R.T.: 0.004 min
Response: 11877
Conc: 0.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



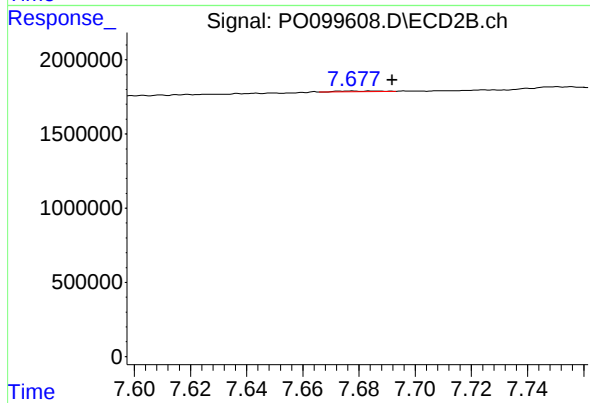
#37 AR-1262-2

R.T.: 7.162 min
Delta R.T.: 0.000 min
Response: 78316
Conc: 1.58 ng/ml



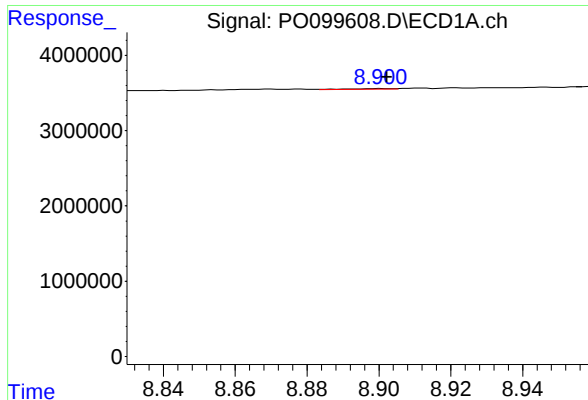
#38 AR-1262-3

R.T.: 8.810 min
Delta R.T.: 0.000 min
Response: 110884
Conc: 2.16 ng/ml



#38 AR-1262-3

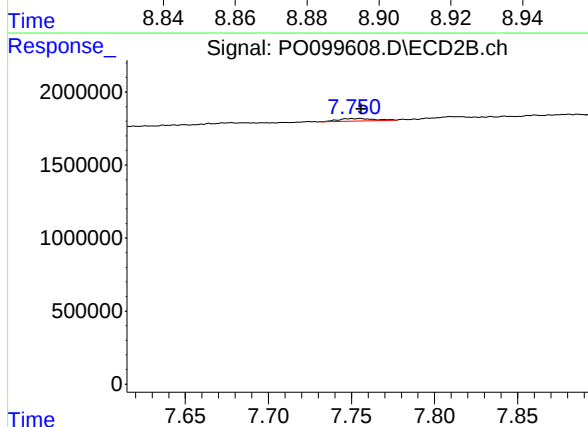
R.T.: 7.677 min
Delta R.T.: -0.014 min
Response: 36440
Conc: 0.99 ng/ml



#39 AR-1262-4

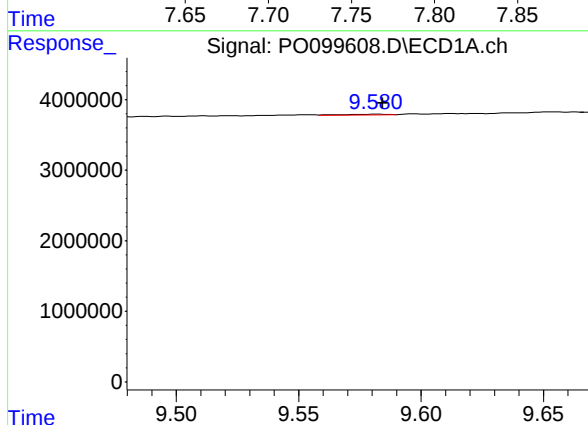
R.T.: 8.900 min
Delta R.T.: -0.002 min
Response: 63564
Conc: 1.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



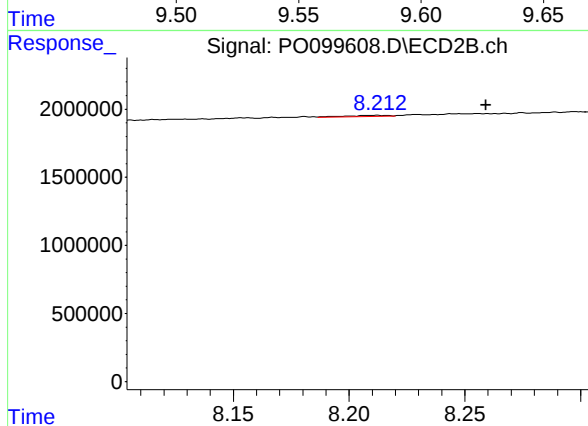
#39 AR-1262-4

R.T.: 7.755 min
Delta R.T.: 0.000 min
Response: 256125
Conc: 3.99 ng/ml



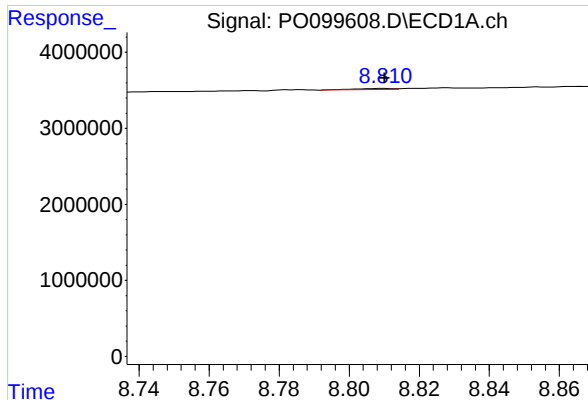
#40 AR-1262-5

R.T.: 9.582 min
Delta R.T.: -0.003 min
Response: 110368
Conc: 5.19 ng/ml



#40 AR-1262-5

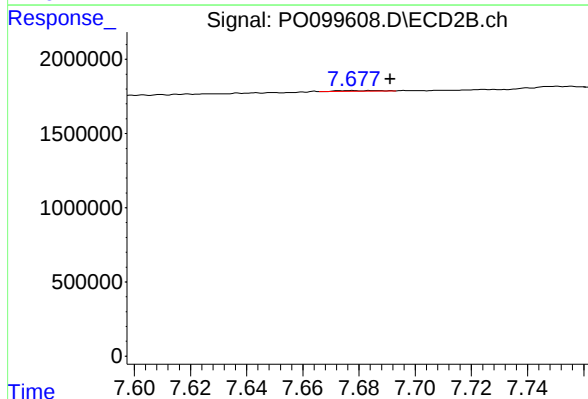
R.T.: 8.212 min
Delta R.T.: -0.047 min
Response: 94847
Conc: 3.45 ng/ml



#41 AR-1268-1

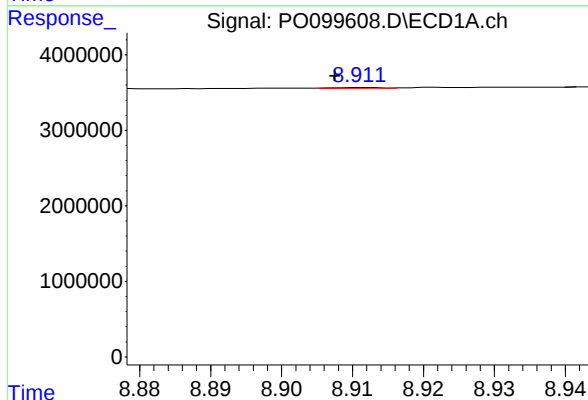
R.T.: 8.810 min
Delta R.T.: 0.000 min
Response: 110884
Conc: 1.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



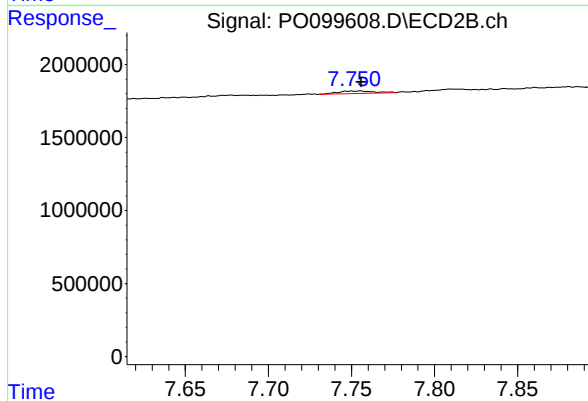
#41 AR-1268-1

R.T.: 7.677 min
Delta R.T.: -0.014 min
Response: 36440
Conc: 0.33 ng/ml



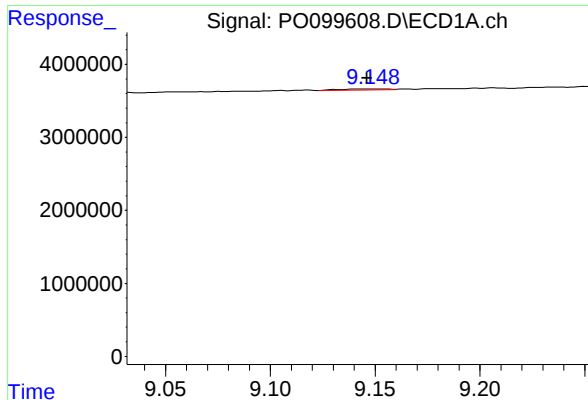
#42 AR-1268-2

R.T.: 8.912 min
Delta R.T.: 0.004 min
Response: 40426
Conc: 0.48 ng/ml



#42 AR-1268-2

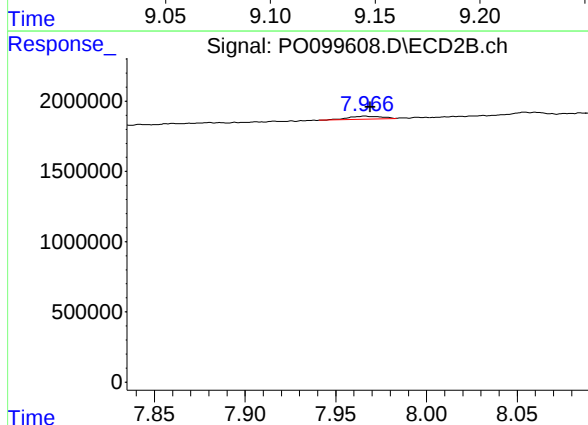
R.T.: 7.755 min
Delta R.T.: 0.000 min
Response: 256125
Conc: 2.60 ng/ml



#43 AR-1268-3

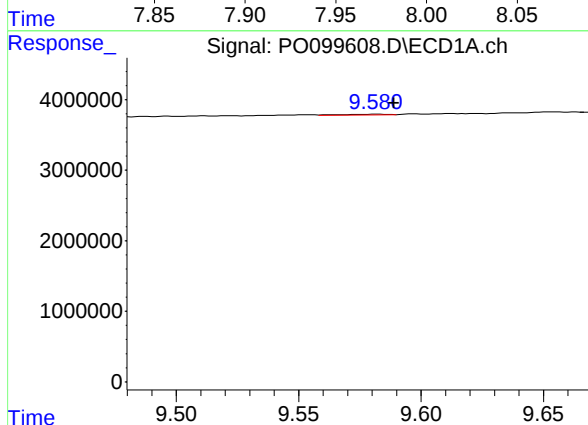
R.T.: 9.148 min
Delta R.T.: 0.002 min
Response: 225882
Conc: 2.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



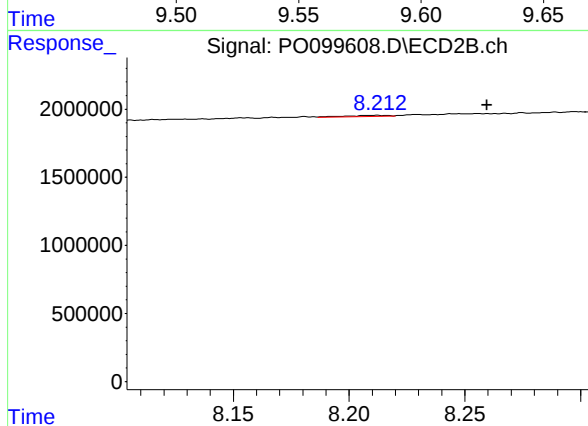
#43 AR-1268-3

R.T.: 7.966 min
Delta R.T.: -0.003 min
Response: 263648
Conc: 2.78 ng/ml



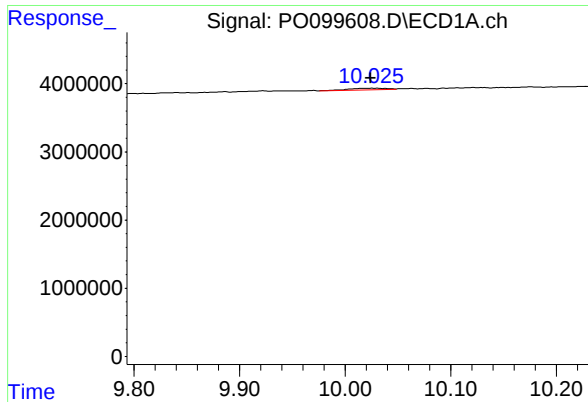
#44 AR-1268-4

R.T.: 9.582 min
Delta R.T.: -0.007 min
Response: 110368
Conc: 4.54 ng/ml



#44 AR-1268-4

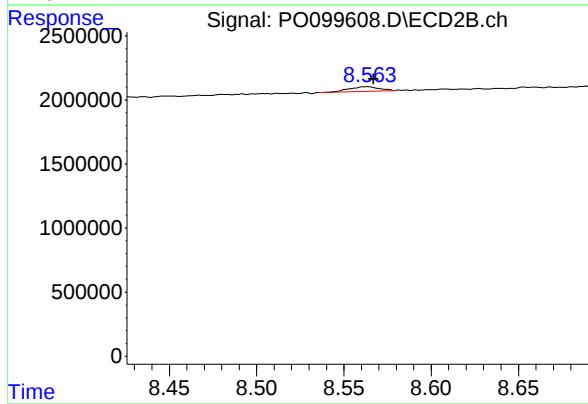
R.T.: 8.212 min
Delta R.T.: -0.048 min
Response: 94847
Conc: 3.17 ng/ml



#45 AR-1268-5

R.T.: 10.026 min
Delta R.T.: 0.002 min
Response: 594885
Conc: 2.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.563 min
Delta R.T.: -0.004 min
Response: 425888
Conc: 1.69 ng/ml