

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0111023\
 Data File : P0099648.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Nov 2023 12:27
 Operator : YP/AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 12 23:33:18 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...	4.492	3.721	85581973	63907629	49.714	52.715
2) SA Decachlor...	10.374	8.830	48911116	50681177	76.626	68.999
Target Compounds						
3) L1 AR-1016-1	5.676	4.828	23130795	14327867	595.191	532.837
4) L1 AR-1016-2	5.699	4.848	35770128	19877584	558.506	545.349
5) L1 AR-1016-3	5.762	5.027	23823602	10922641	549.786	545.009
6) L1 AR-1016-4	5.862	5.069	18374622	9076550	591.271	546.176
7) L1 AR-1016-5	6.160	5.286	17259742	11215817	567.533	542.939
8) L2 AR-1221-1	4.698	3.938	2990976	2248034	157.037	153.441
9) L2 AR-1221-2	4.791	4.026	4245276	2820912	301.371	308.009
10) L2 AR-1221-3	4.867	4.104	14648529	11028979	353.245	356.366
11) L3 AR-1232-1	4.867	4.104	14648529	11028979	434.845	426.643
12) L3 AR-1232-2	5.404	4.848	20154032	19877584	1207.776	1147.510
13) L3 AR-1232-3	5.699	5.027	35770128	10922641	1260.924	1243.721
14) L3 AR-1232-4	5.862	5.112	18374622	11014605	1362.334	1358.022
15) L3 AR-1232-5	5.953	5.286	16526725	11215817	1441.466	1311.177
16) L4 AR-1242-1	5.676	4.828	23130795	14327867	737.598	647.487
17) L4 AR-1242-2	5.699	4.848	35770128	19877584	693.440	667.584
18) L4 AR-1242-3	5.762	5.027	23823602	10922641	683.575	662.034
19) L4 AR-1242-4	5.862	5.112	18374622	11014605	726.597	653.756
20) L4 AR-1242-5	6.609	5.644	2579038	9623544	126.057	551.269 #
21) L5 AR-1248-1	5.676	4.828	23130795	14327867	979.532	829.954
22) L5 AR-1248-2	5.953	5.069	16526725	9076550	425.047	385.544
23) L5 AR-1248-3	6.160	5.112	17259742	11014605	416.011	444.645
24) L5 AR-1248-4	6.567	5.286	2916462	11215817	75.930	406.808 #
25) L5 AR-1248-5	6.609	5.685	2579038	1725446	68.011	75.616
26) L6 AR-1254-1	6.542	5.644	13103826	9623544	291.174	264.567
27) L6 AR-1254-2	6.763	5.792	12563827	8649266	199.230	266.254 #
28) L6 AR-1254-3	7.134	6.217	5901064	20871468	101.315	384.920 #
29) L6 AR-1254-4	7.423	6.432	3318569	1382941	97.372	49.107 #
30) L6 AR-1254-5	7.845	6.855	35878853	33922869	916.958	696.213
31) L7 AR-1260-1	7.301	6.334	28590008	25088156	575.224	581.698
32) L7 AR-1260-2	7.561	6.522	31274951	29730956	612.284	634.517
33) L7 AR-1260-3	7.924	6.679	22412972	28713828	625.138	629.116
34) L7 AR-1260-4	8.153	7.156	25668364	23096016	650.224	628.496
35) L7 AR-1260-5	8.483	7.398	45043011	48798536	751.863	669.482
36) L8 AR-1262-1	7.845	6.855	35878853	33922869	1135.865	1380.067
37) L8 AR-1262-2	8.483	7.156	45043011	23096016	608.912	465.907
38) L8 AR-1262-3	8.818	7.686	29288941	10192984	570.290	275.683 #
39) L8 AR-1262-4	8.898	7.749	8134998	36669852	209.251	570.850 #
40) L8 AR-1262-5	9.582	8.253	10589778	10847520	498.260	394.713
41) L9 AR-1268-1	8.818	7.686	29288941	10192984	290.816	92.724 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0111023\
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 Acq On : 11 Nov 2023 12:27
 Operator : YP/AJ
 Sample : AR1660CCC500
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Instrument :
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 12 23:33:18 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

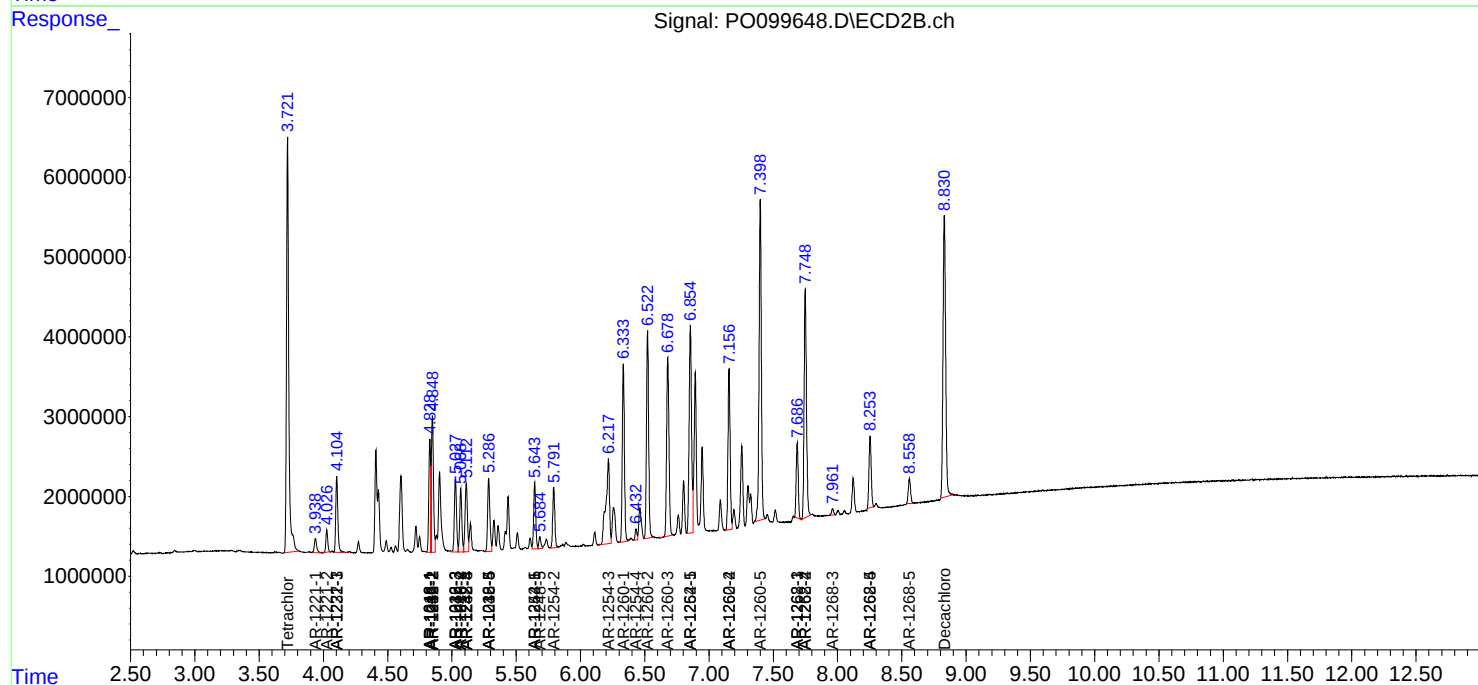
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

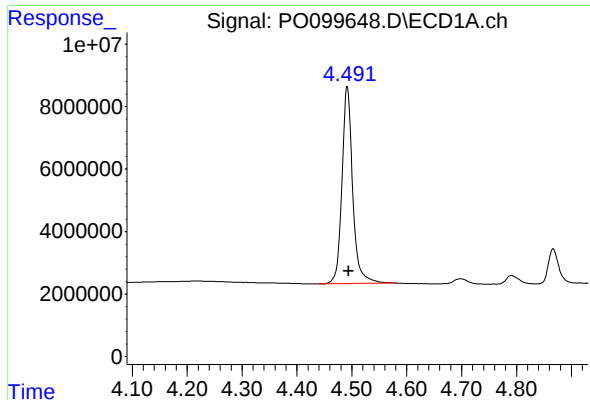
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.898	7.749	8134998	36669852	95.894	371.924 #
43) L9	AR-1268-3	9.141	7.961	936445	843162	10.981	8.903
44) L9	AR-1268-4	9.582	8.253	10589778	10847520	435.583	362.096
45) L9	AR-1268-5	10.016	8.558	4107434	3923072	19.328	15.589

(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

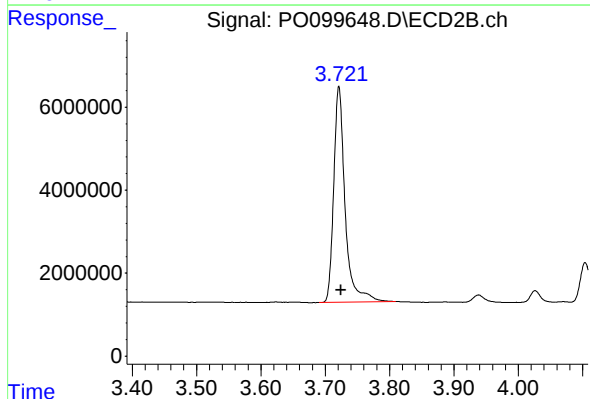




#1 Tetrachloro-m-xylene

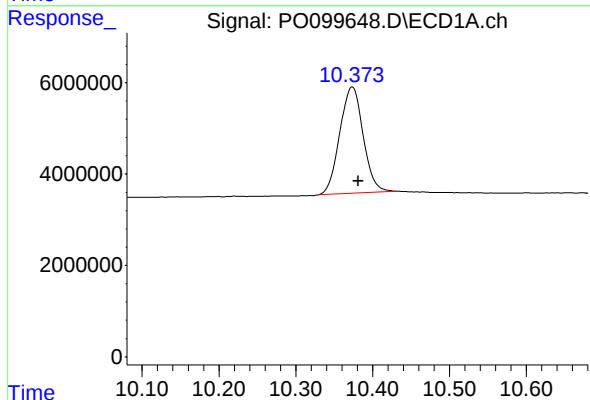
R.T.: 4.492 min
Delta R.T.: -0.002 min
Response: 85581973
Conc: 49.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



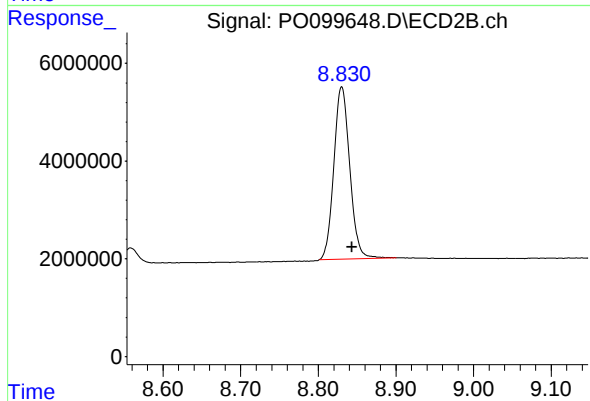
#1 Tetrachloro-m-xylene

R.T.: 3.721 min
Delta R.T.: -0.003 min
Response: 63907629
Conc: 52.71 ng/ml



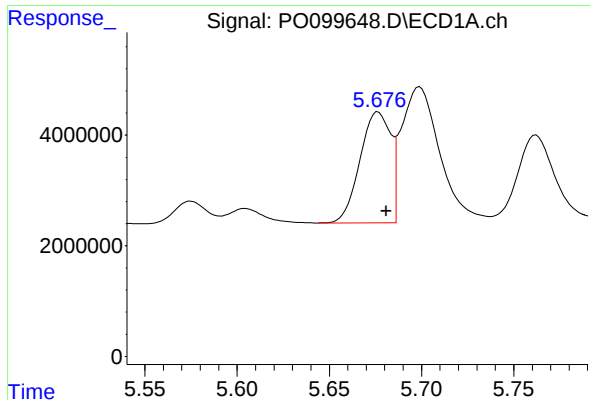
#2 Decachlorobiphenyl

R.T.: 10.374 min
Delta R.T.: -0.008 min
Response: 48911116
Conc: 76.63 ng/ml



#2 Decachlorobiphenyl

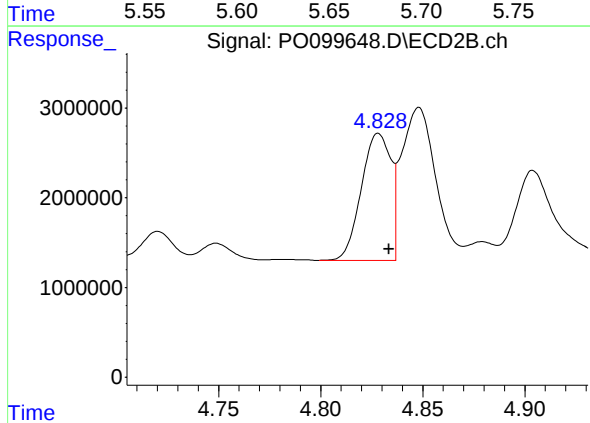
R.T.: 8.830 min
Delta R.T.: -0.013 min
Response: 50681177
Conc: 69.00 ng/ml



#3 AR-1016-1

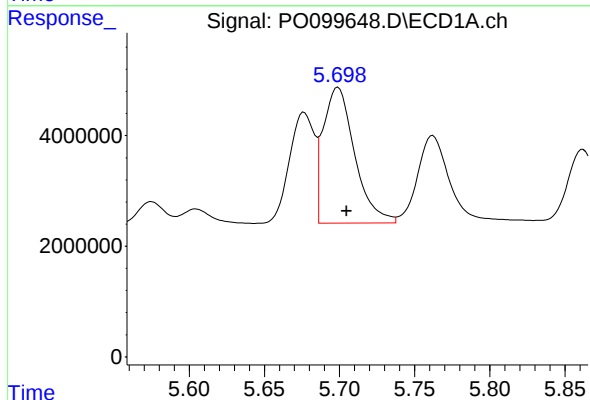
R.T.: 5.676 min
Delta R.T.: -0.004 min
Response: 23130795
Conc: 595.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



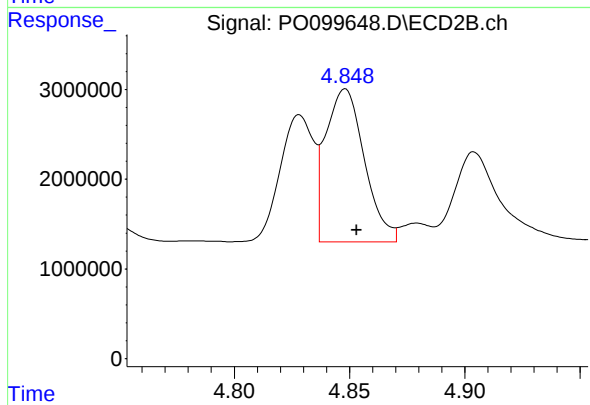
#3 AR-1016-1

R.T.: 4.828 min
Delta R.T.: -0.005 min
Response: 14327867
Conc: 532.84 ng/ml



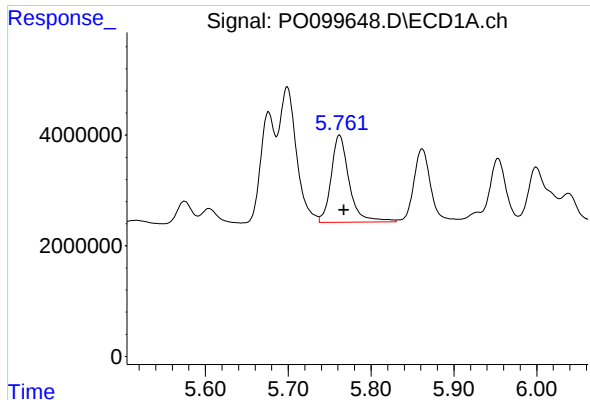
#4 AR-1016-2

R.T.: 5.699 min
Delta R.T.: -0.006 min
Response: 35770128
Conc: 558.51 ng/ml



#4 AR-1016-2

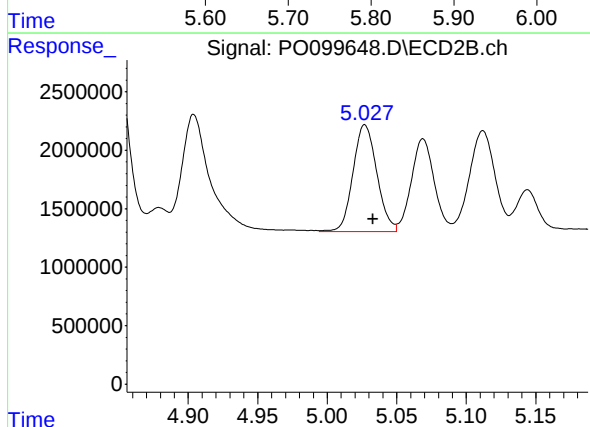
R.T.: 4.848 min
Delta R.T.: -0.005 min
Response: 19877584
Conc: 545.35 ng/ml



#5 AR-1016-3

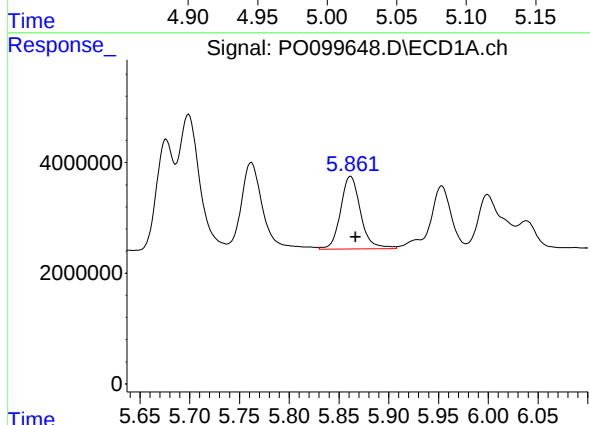
R.T.: 5.762 min
Delta R.T.: -0.005 min
Response: 23823602
Conc: 549.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



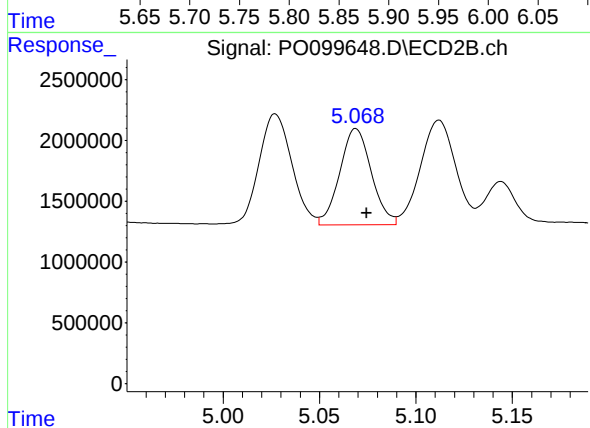
#5 AR-1016-3

R.T.: 5.027 min
Delta R.T.: -0.006 min
Response: 10922641
Conc: 545.01 ng/ml



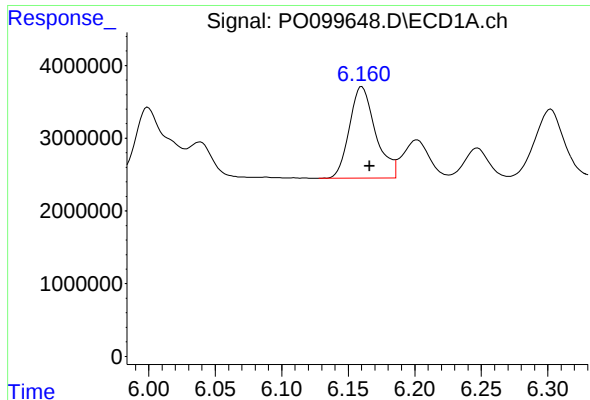
#6 AR-1016-4

R.T.: 5.862 min
Delta R.T.: -0.005 min
Response: 18374622
Conc: 591.27 ng/ml



#6 AR-1016-4

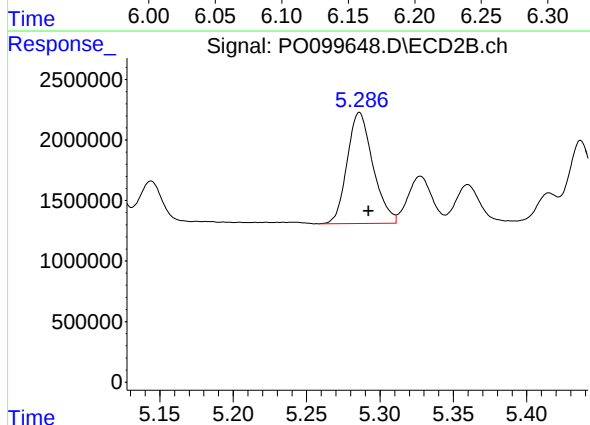
R.T.: 5.069 min
Delta R.T.: -0.006 min
Response: 9076550
Conc: 546.18 ng/ml



#7 AR-1016-5

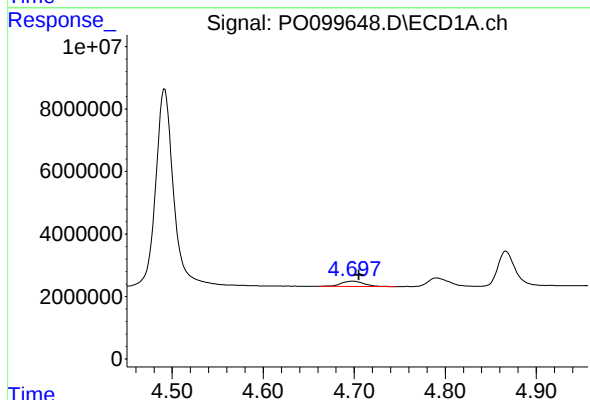
R.T.: 6.160 min
Delta R.T.: -0.006 min
Response: 17259742
Conc: 567.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



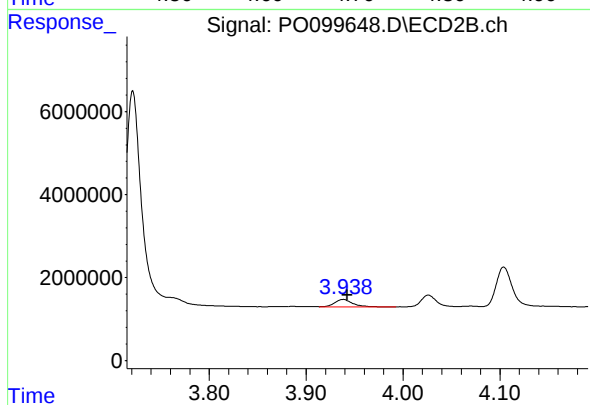
#7 AR-1016-5

R.T.: 5.286 min
Delta R.T.: -0.006 min
Response: 11215817
Conc: 542.94 ng/ml



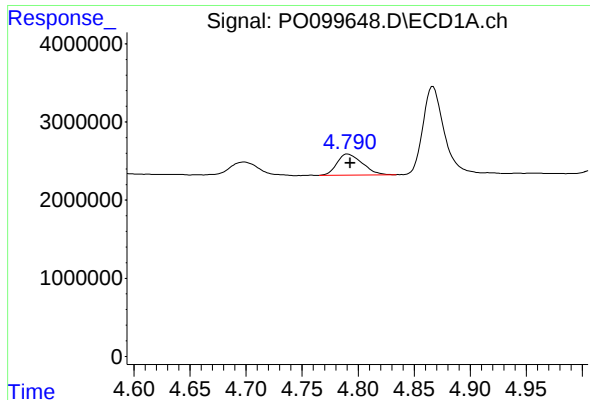
#8 AR-1221-1

R.T.: 4.698 min
Delta R.T.: -0.007 min
Response: 2990976
Conc: 157.04 ng/ml



#8 AR-1221-1

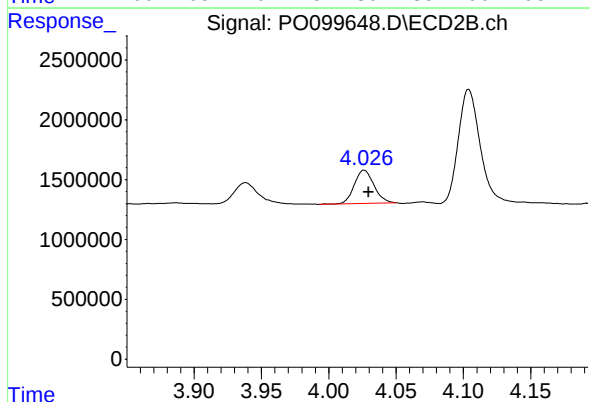
R.T.: 3.938 min
Delta R.T.: -0.004 min
Response: 2248034
Conc: 153.44 ng/ml



#9 AR-1221-2

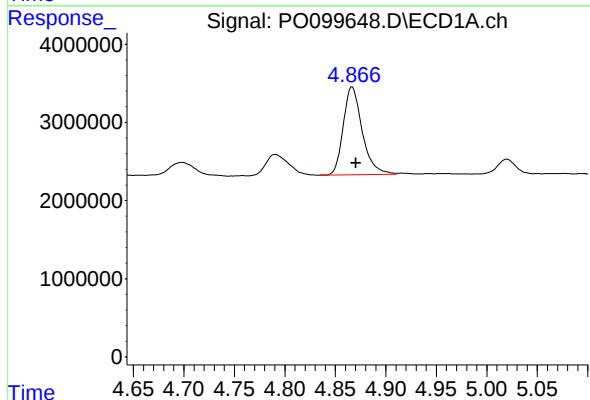
R.T.: 4.791 min
Delta R.T.: -0.002 min
Response: 4245276
Conc: 301.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



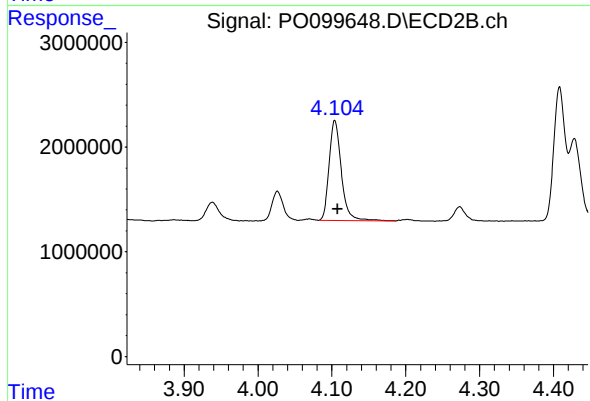
#9 AR-1221-2

R.T.: 4.026 min
Delta R.T.: -0.003 min
Response: 2820912
Conc: 308.01 ng/ml



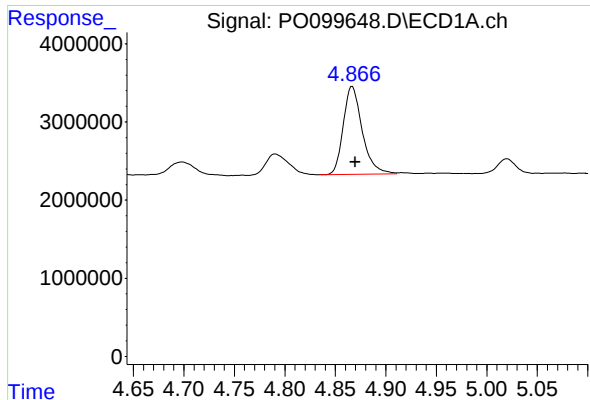
#10 AR-1221-3

R.T.: 4.867 min
Delta R.T.: -0.004 min
Response: 14648529
Conc: 353.25 ng/ml



#10 AR-1221-3

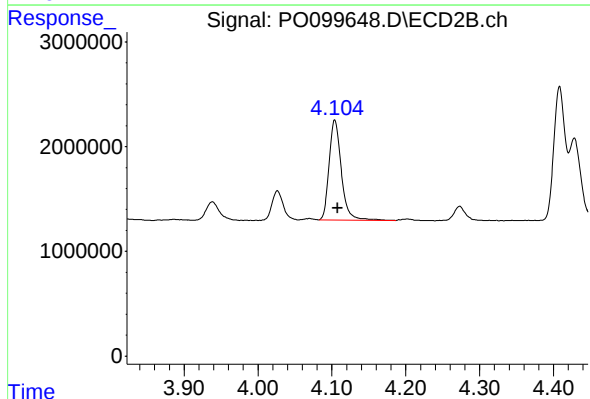
R.T.: 4.104 min
Delta R.T.: -0.004 min
Response: 11028979
Conc: 356.37 ng/ml



#11 AR-1232-1

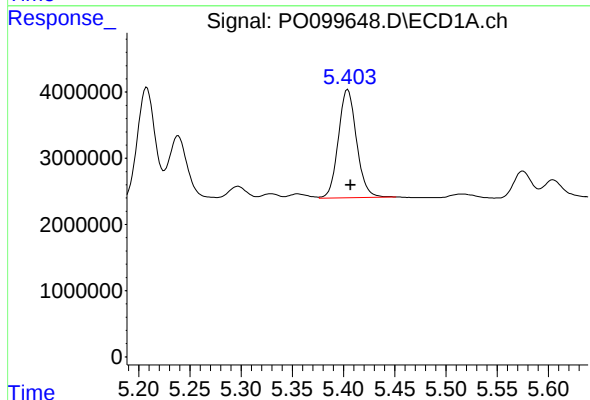
R.T.: 4.867 min
Delta R.T.: -0.003 min
Response: 14648529
Conc: 434.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



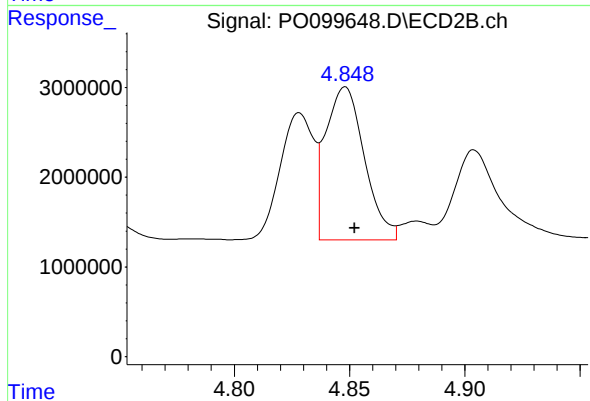
#11 AR-1232-1

R.T.: 4.104 min
Delta R.T.: -0.004 min
Response: 11028979
Conc: 426.64 ng/ml



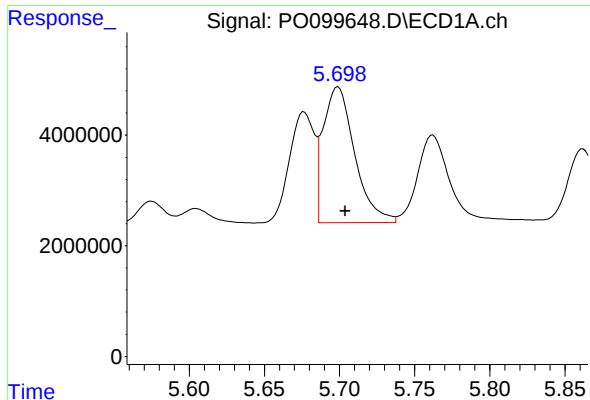
#12 AR-1232-2

R.T.: 5.404 min
Delta R.T.: -0.003 min
Response: 20154032
Conc: 1207.78 ng/ml



#12 AR-1232-2

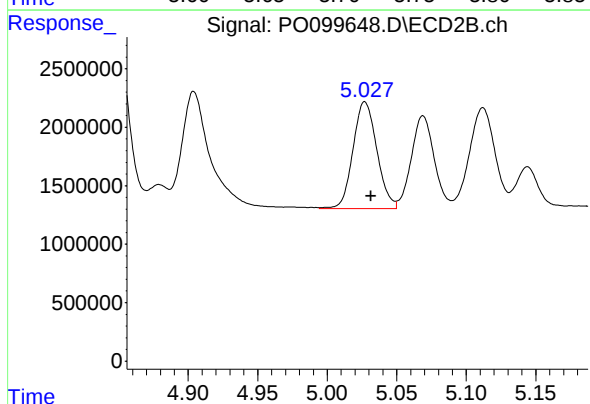
R.T.: 4.848 min
Delta R.T.: -0.004 min
Response: 19877584
Conc: 1147.51 ng/ml



#13 AR-1232-3

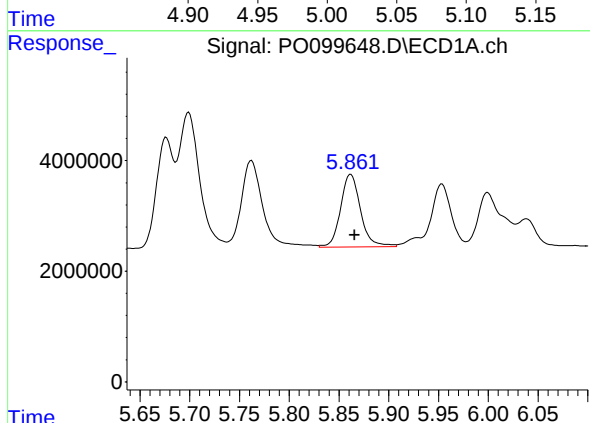
R.T.: 5.699 min
Delta R.T.: -0.005 min
Response: 35770128
Conc: 1260.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



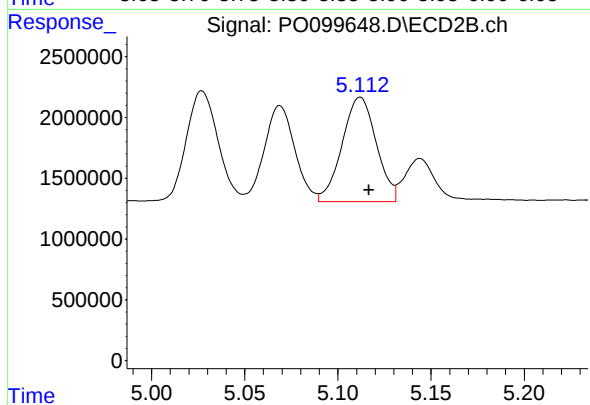
#13 AR-1232-3

R.T.: 5.027 min
Delta R.T.: -0.004 min
Response: 10922641
Conc: 1243.72 ng/ml



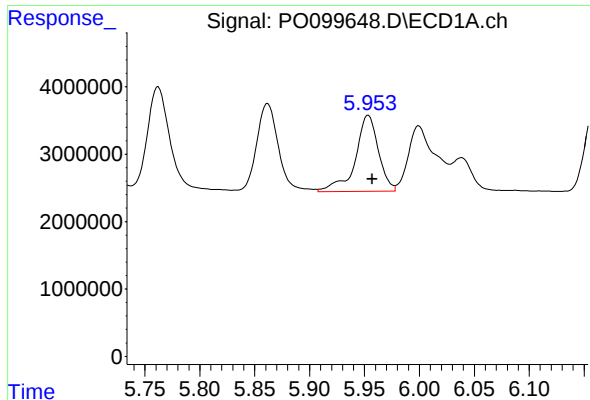
#14 AR-1232-4

R.T.: 5.862 min
Delta R.T.: -0.004 min
Response: 18374622
Conc: 1362.33 ng/ml



#14 AR-1232-4

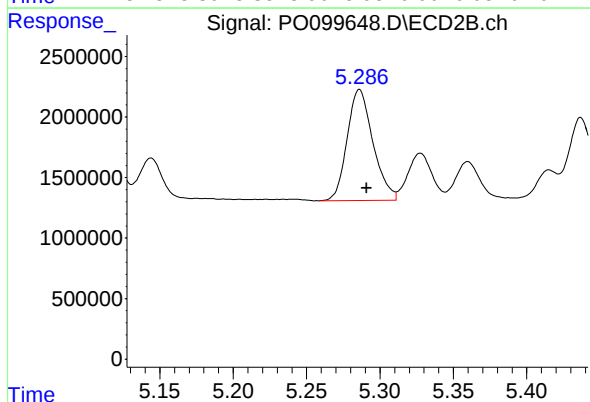
R.T.: 5.112 min
Delta R.T.: -0.005 min
Response: 11014605
Conc: 1358.02 ng/ml



#15 AR-1232-5

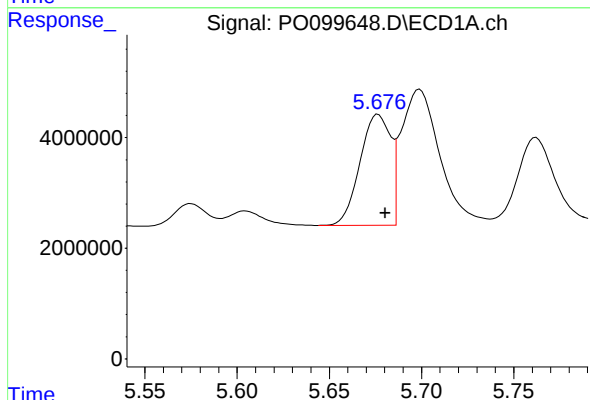
R.T.: 5.953 min
Delta R.T.: -0.003 min
Response: 16526725
Conc: 1441.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



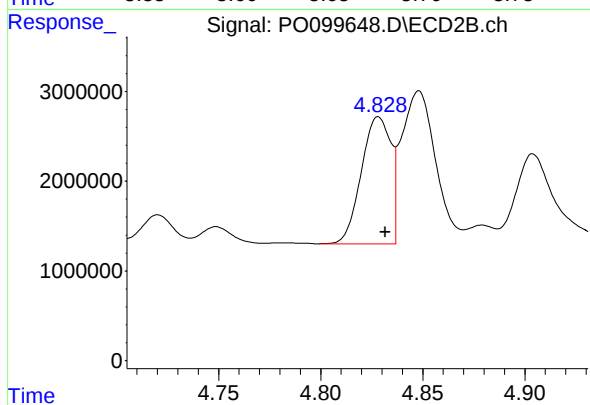
#15 AR-1232-5

R.T.: 5.286 min
Delta R.T.: -0.005 min
Response: 11215817
Conc: 1311.18 ng/ml



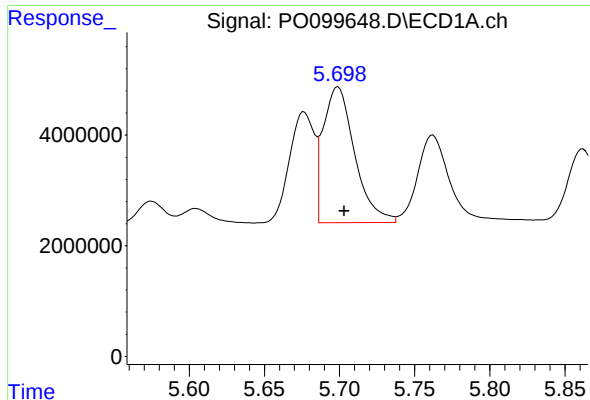
#16 AR-1242-1

R.T.: 5.676 min
Delta R.T.: -0.004 min
Response: 23130795
Conc: 737.60 ng/ml



#16 AR-1242-1

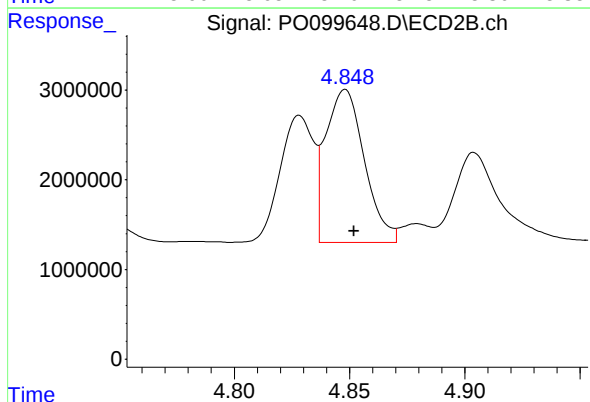
R.T.: 4.828 min
Delta R.T.: -0.003 min
Response: 14327867
Conc: 647.49 ng/ml



#17 AR-1242-2

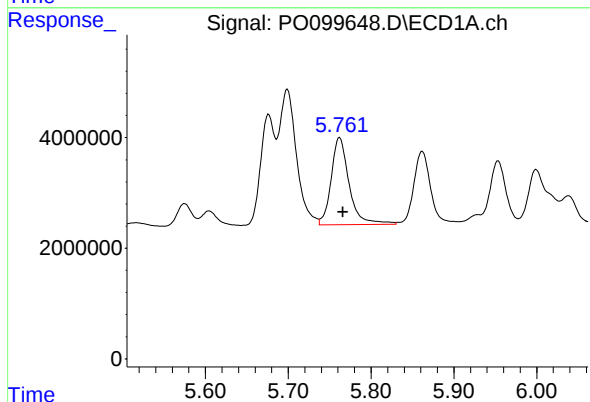
R.T.: 5.699 min
Delta R.T.: -0.004 min
Response: 35770128
Conc: 693.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



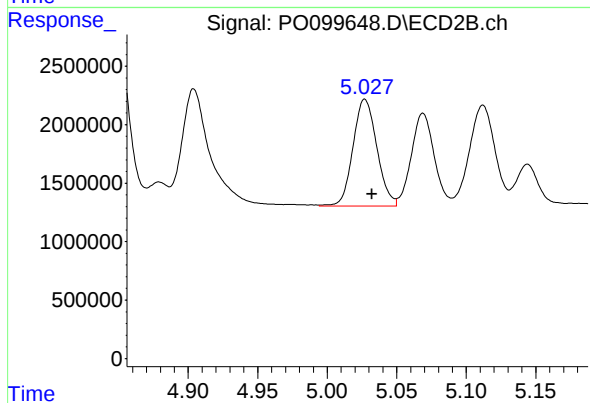
#17 AR-1242-2

R.T.: 4.848 min
Delta R.T.: -0.004 min
Response: 19877584
Conc: 667.58 ng/ml



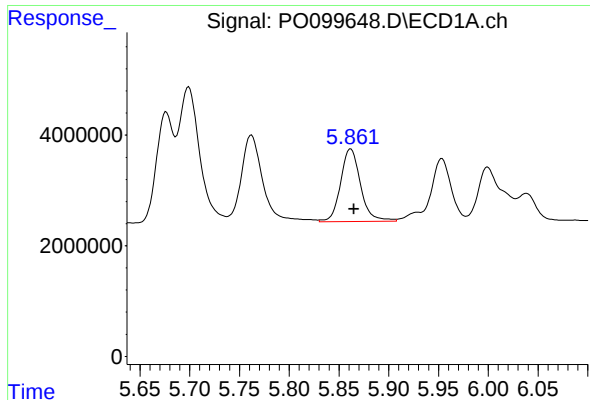
#18 AR-1242-3

R.T.: 5.762 min
Delta R.T.: -0.004 min
Response: 23823602
Conc: 683.58 ng/ml



#18 AR-1242-3

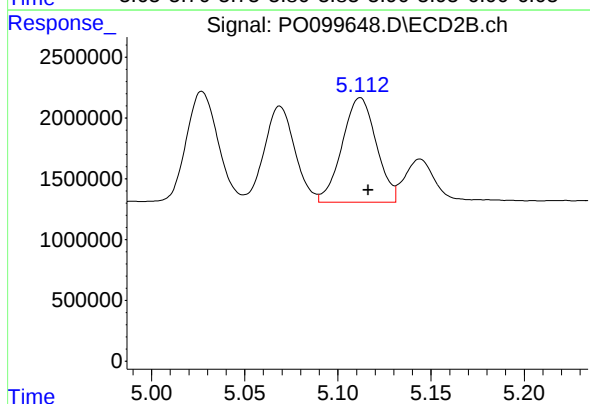
R.T.: 5.027 min
Delta R.T.: -0.005 min
Response: 10922641
Conc: 662.03 ng/ml



#19 AR-1242-4

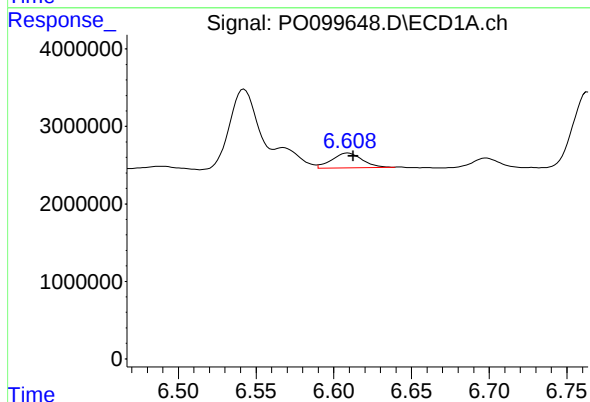
R.T.: 5.862 min
Delta R.T.: -0.003 min
Response: 18374622
Conc: 726.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



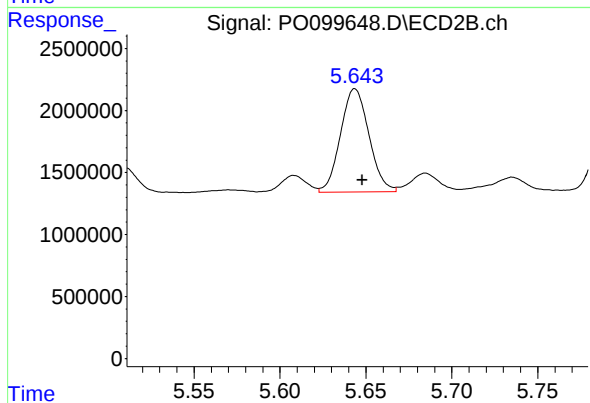
#19 AR-1242-4

R.T.: 5.112 min
Delta R.T.: -0.004 min
Response: 11014605
Conc: 653.76 ng/ml



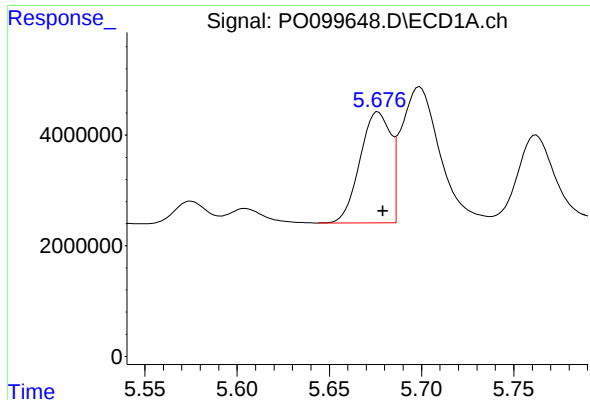
#20 AR-1242-5

R.T.: 6.609 min
Delta R.T.: -0.004 min
Response: 2579038
Conc: 126.06 ng/ml



#20 AR-1242-5

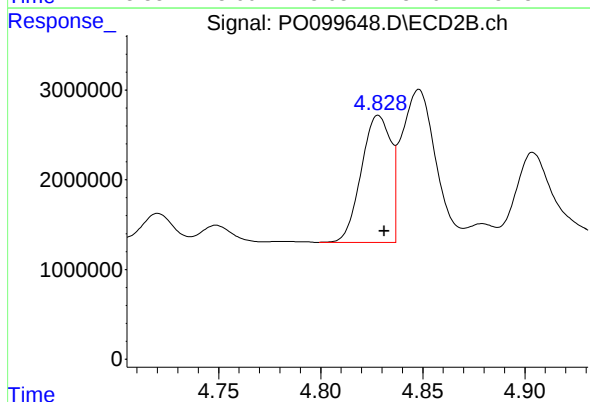
R.T.: 5.644 min
Delta R.T.: -0.004 min
Response: 9623544
Conc: 551.27 ng/ml



#21 AR-1248-1

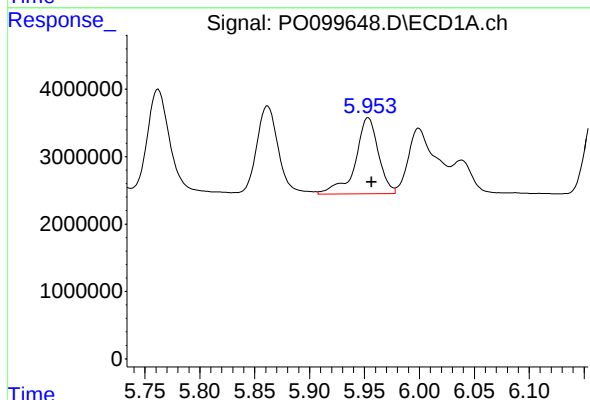
R.T.: 5.676 min
Delta R.T.: -0.003 min
Response: 23130795
Conc: 979.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



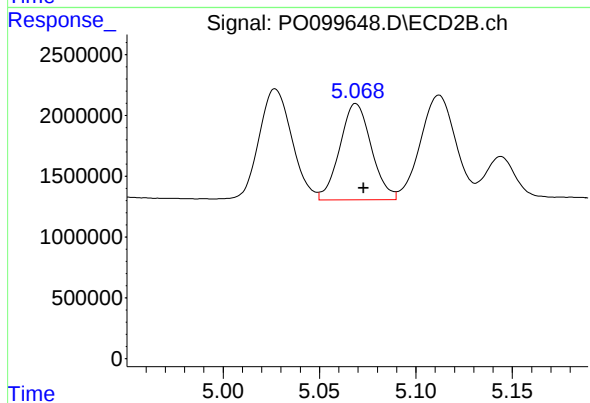
#21 AR-1248-1

R.T.: 4.828 min
Delta R.T.: -0.003 min
Response: 14327867
Conc: 829.95 ng/ml



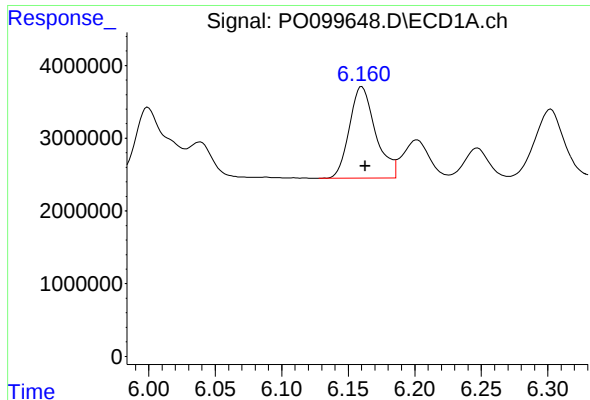
#22 AR-1248-2

R.T.: 5.953 min
Delta R.T.: -0.003 min
Response: 16526725
Conc: 425.05 ng/ml



#22 AR-1248-2

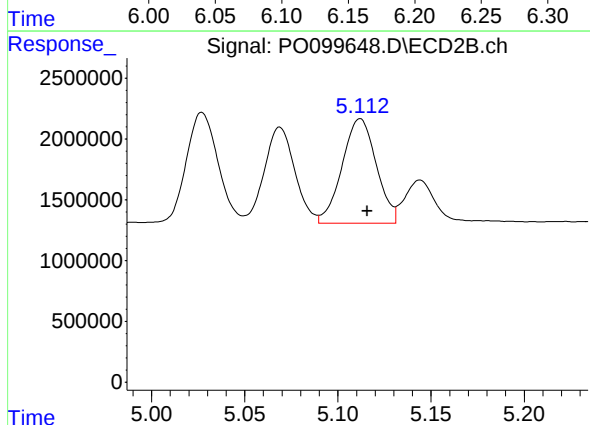
R.T.: 5.069 min
Delta R.T.: -0.004 min
Response: 9076550
Conc: 385.54 ng/ml



#23 AR-1248-3

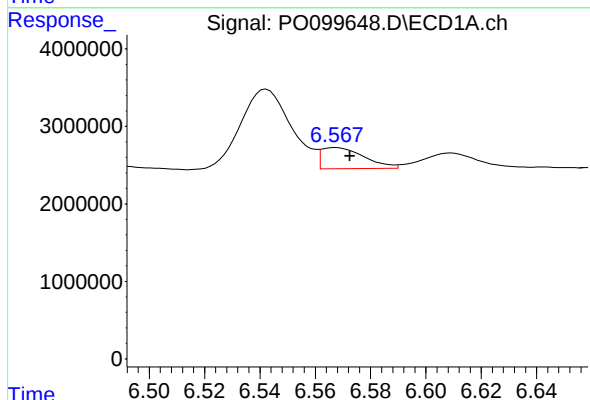
R.T.: 6.160 min
Delta R.T.: -0.003 min
Response: 17259742
Conc: 416.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



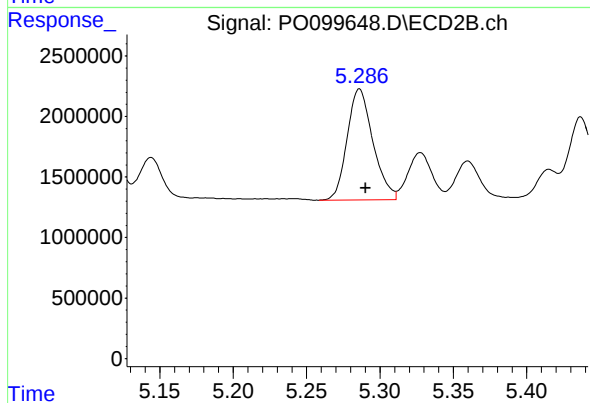
#23 AR-1248-3

R.T.: 5.112 min
Delta R.T.: -0.004 min
Response: 11014605
Conc: 444.64 ng/ml



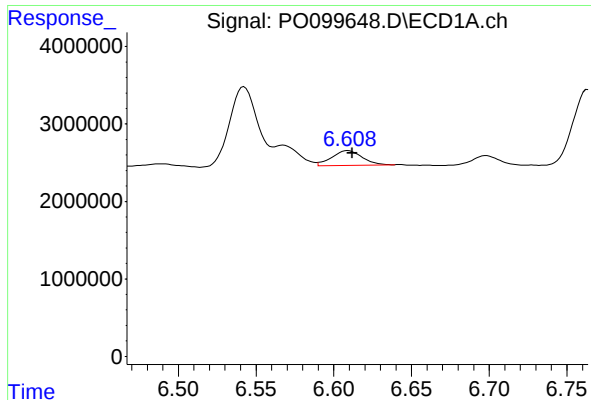
#24 AR-1248-4

R.T.: 6.567 min
Delta R.T.: -0.005 min
Response: 2916462
Conc: 75.93 ng/ml



#24 AR-1248-4

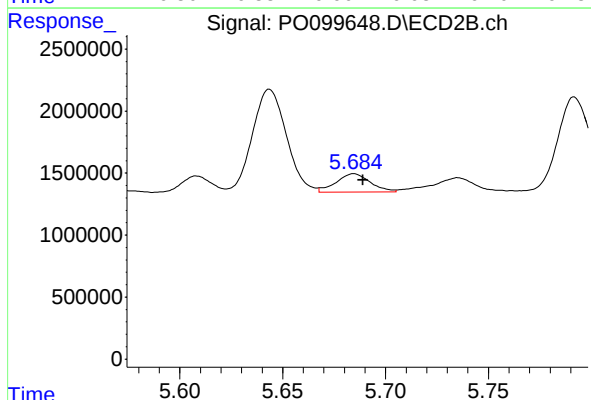
R.T.: 5.286 min
Delta R.T.: -0.004 min
Response: 11215817
Conc: 406.81 ng/ml



#25 AR-1248-5

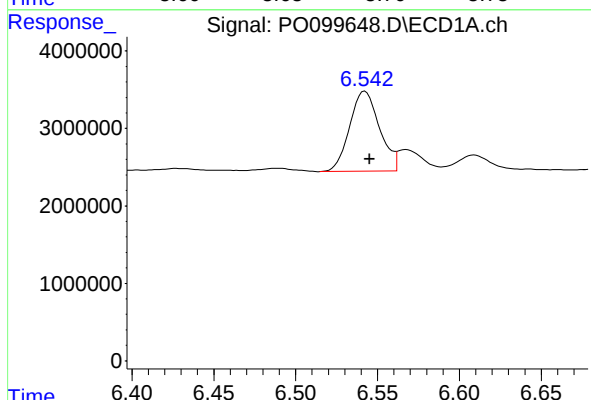
R.T.: 6.609 min
Delta R.T.: -0.003 min
Response: 2579038
Conc: 68.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



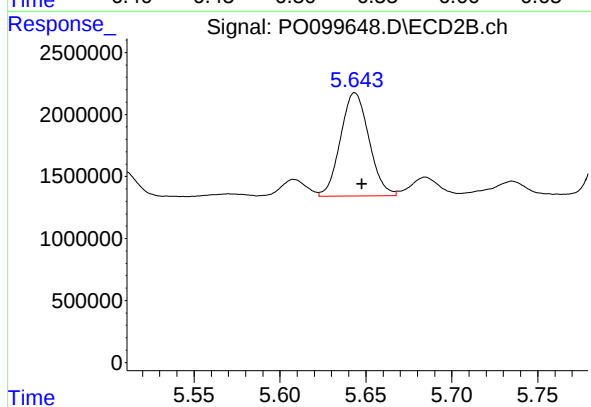
#25 AR-1248-5

R.T.: 5.685 min
Delta R.T.: -0.004 min
Response: 1725446
Conc: 75.62 ng/ml



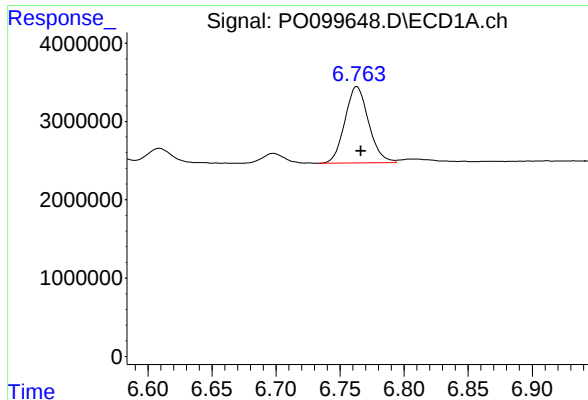
#26 AR-1254-1

R.T.: 6.542 min
Delta R.T.: -0.003 min
Response: 13103826
Conc: 291.17 ng/ml



#26 AR-1254-1

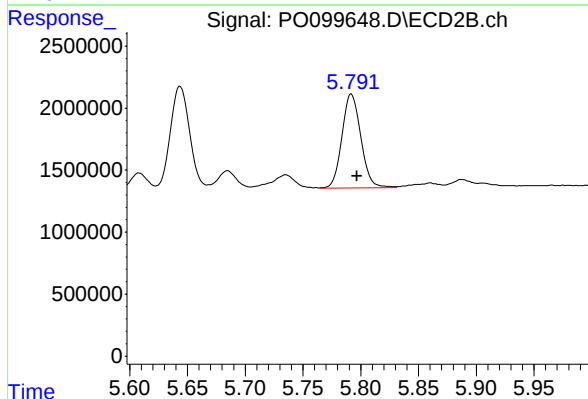
R.T.: 5.644 min
Delta R.T.: -0.004 min
Response: 9623544
Conc: 264.57 ng/ml



#27 AR-1254-2

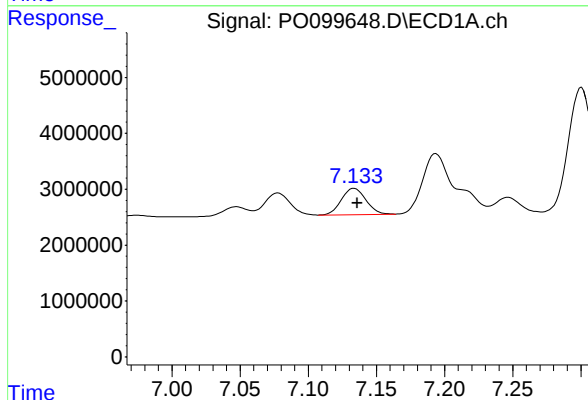
R.T.: 6.763 min
Delta R.T.: -0.003 min
Response: 12563827
Conc: 199.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



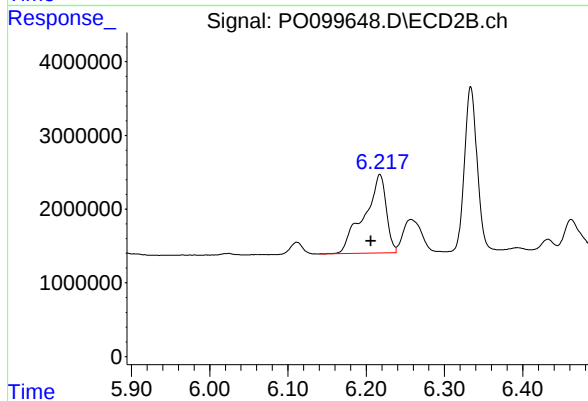
#27 AR-1254-2

R.T.: 5.792 min
Delta R.T.: -0.005 min
Response: 8649266
Conc: 266.25 ng/ml



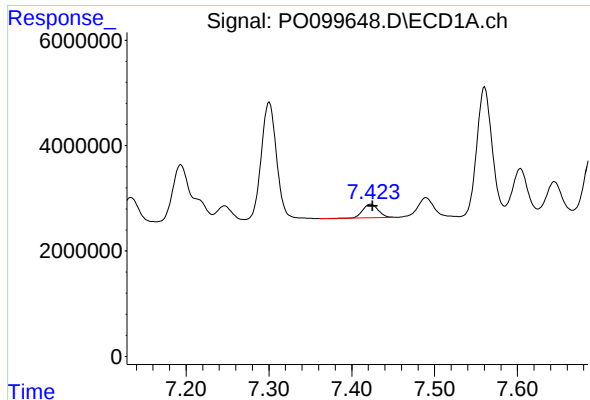
#28 AR-1254-3

R.T.: 7.134 min
Delta R.T.: -0.002 min
Response: 5901064
Conc: 101.31 ng/ml



#28 AR-1254-3

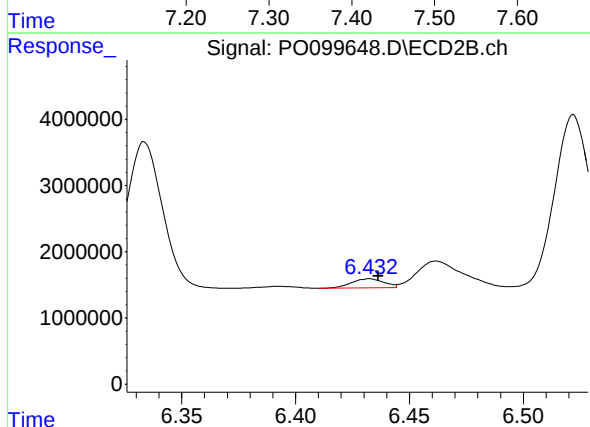
R.T.: 6.217 min
Delta R.T.: 0.012 min
Response: 20871468
Conc: 384.92 ng/ml



#29 AR-1254-4

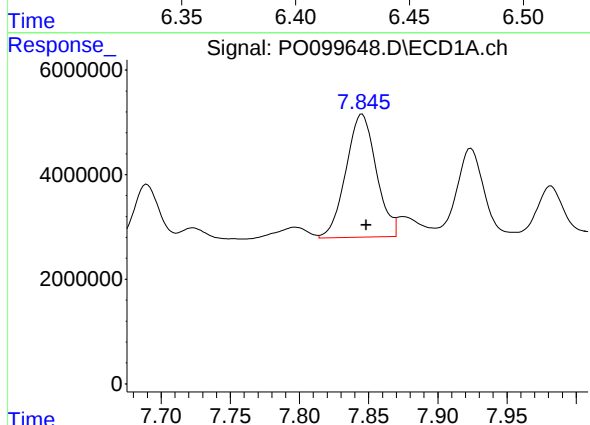
R.T.: 7.423 min
Delta R.T.: -0.002 min
Response: 3318569
Conc: 97.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



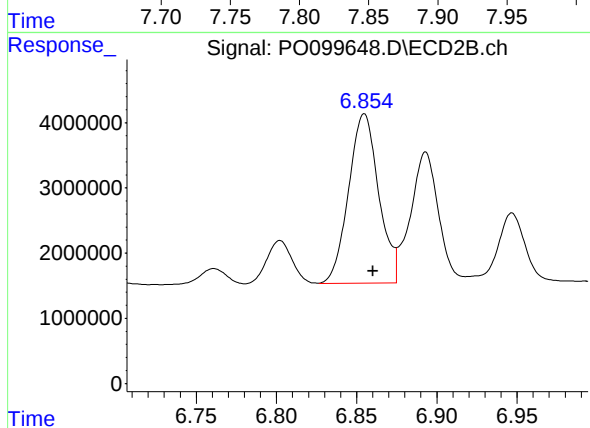
#29 AR-1254-4

R.T.: 6.432 min
Delta R.T.: -0.004 min
Response: 1382941
Conc: 49.11 ng/ml



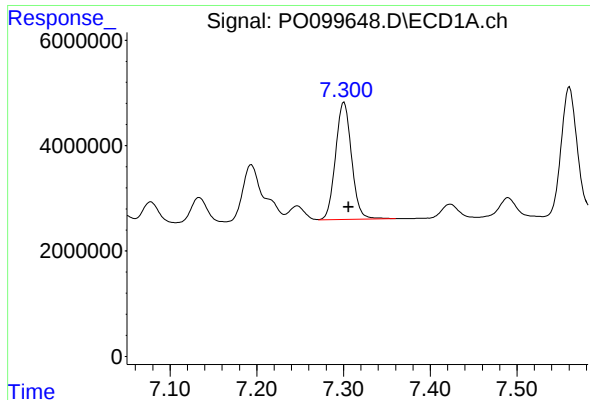
#30 AR-1254-5

R.T.: 7.845 min
Delta R.T.: -0.003 min
Response: 35878853
Conc: 916.96 ng/ml



#30 AR-1254-5

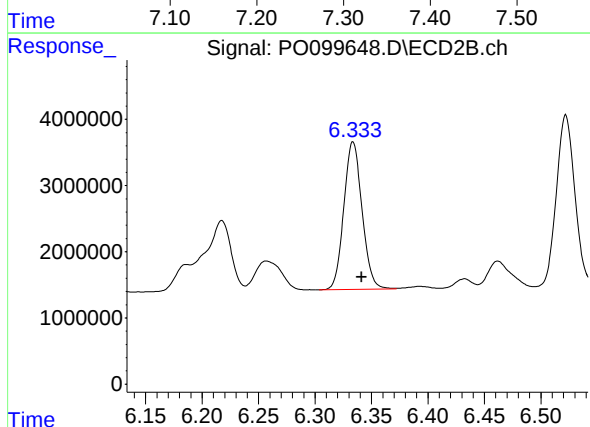
R.T.: 6.854 min
Delta R.T.: -0.005 min
Response: 33922869
Conc: 696.21 ng/ml



#31 AR-1260-1

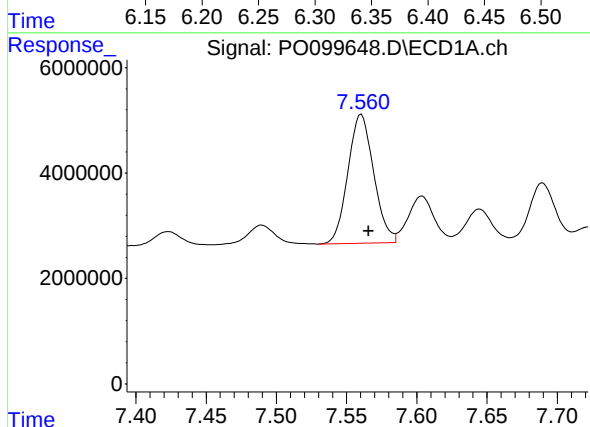
R.T.: 7.301 min
Delta R.T.: -0.005 min
Response: 28590008
Conc: 575.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



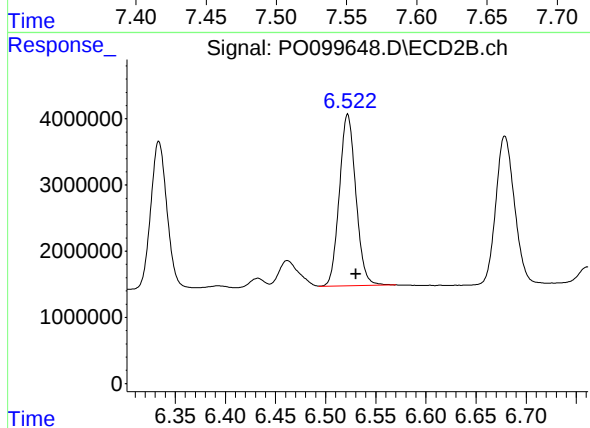
#31 AR-1260-1

R.T.: 6.334 min
Delta R.T.: -0.008 min
Response: 25088156
Conc: 581.70 ng/ml



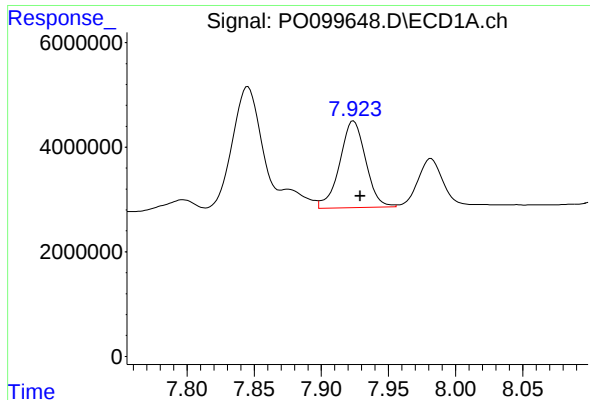
#32 AR-1260-2

R.T.: 7.561 min
Delta R.T.: -0.005 min
Response: 31274951
Conc: 612.28 ng/ml



#32 AR-1260-2

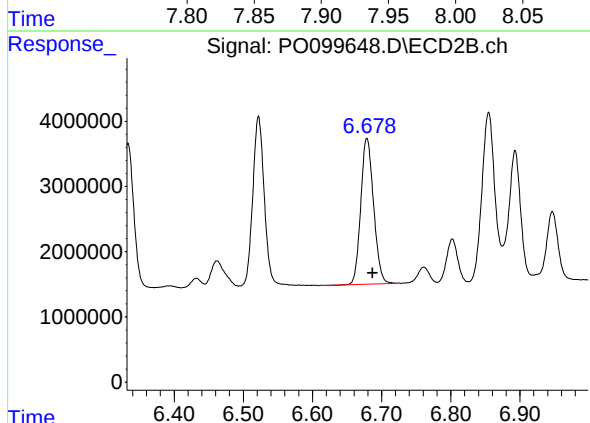
R.T.: 6.522 min
Delta R.T.: -0.008 min
Response: 29730956
Conc: 634.52 ng/ml



#33 AR-1260-3

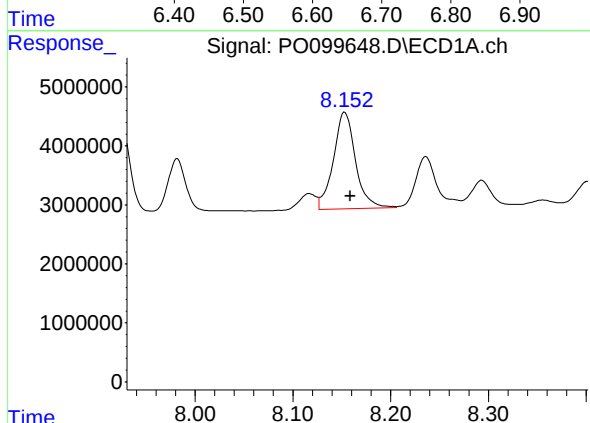
R.T.: 7.924 min
Delta R.T.: -0.005 min
Response: 22412972
Conc: 625.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



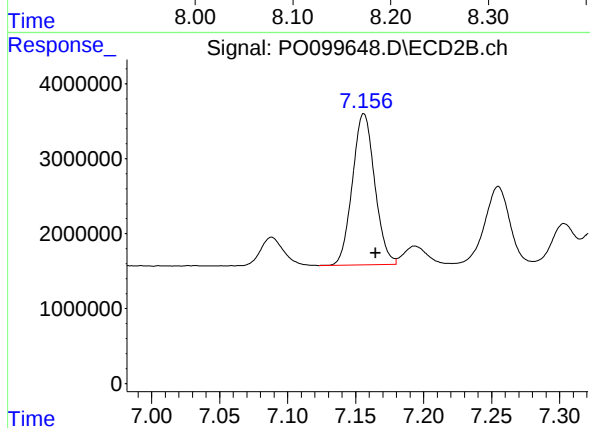
#33 AR-1260-3

R.T.: 6.679 min
Delta R.T.: -0.008 min
Response: 28713828
Conc: 629.12 ng/ml



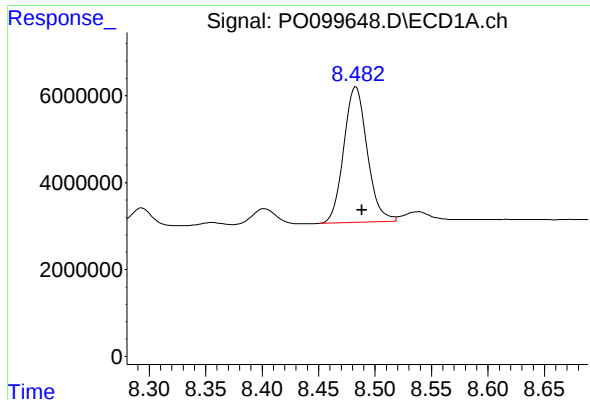
#34 AR-1260-4

R.T.: 8.153 min
Delta R.T.: -0.006 min
Response: 25668364
Conc: 650.22 ng/ml



#34 AR-1260-4

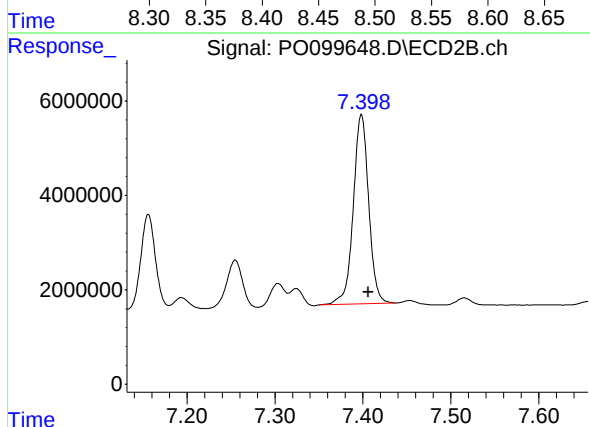
R.T.: 7.156 min
Delta R.T.: -0.009 min
Response: 23096016
Conc: 628.50 ng/ml



#35 AR-1260-5

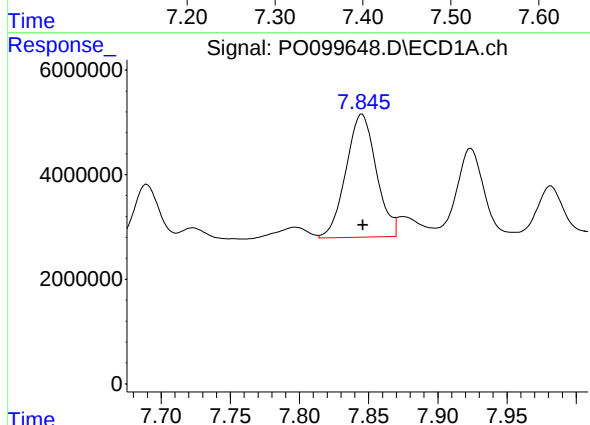
R.T.: 8.483 min
Delta R.T.: -0.005 min
Response: 45043011
Conc: 751.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



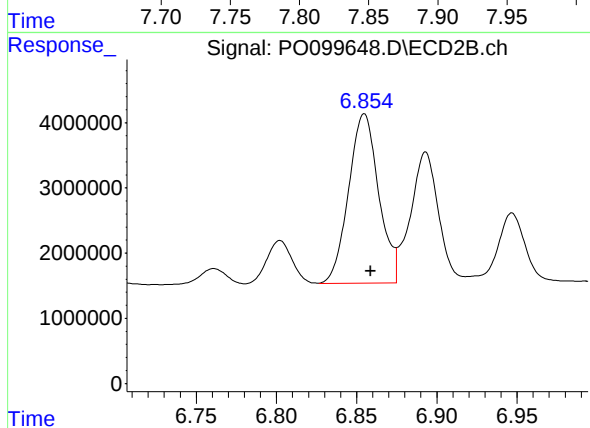
#35 AR-1260-5

R.T.: 7.398 min
Delta R.T.: -0.008 min
Response: 48798536
Conc: 669.48 ng/ml



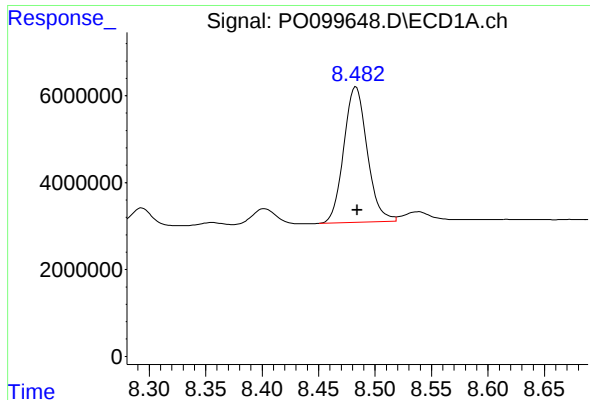
#36 AR-1262-1

R.T.: 7.845 min
Delta R.T.: 0.000 min
Response: 35878853
Conc: 1135.87 ng/ml



#36 AR-1262-1

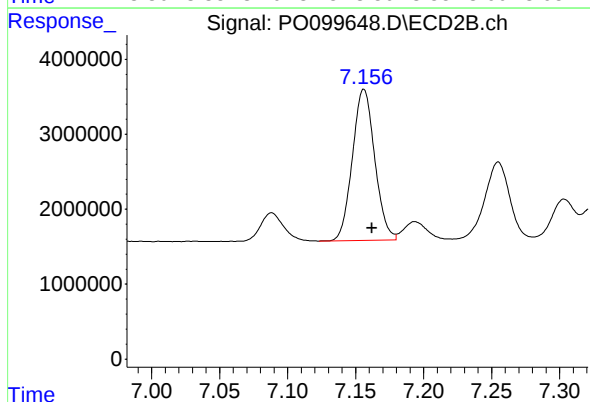
R.T.: 6.855 min
Delta R.T.: -0.004 min
Response: 33922869
Conc: 1380.07 ng/ml



#37 AR-1262-2

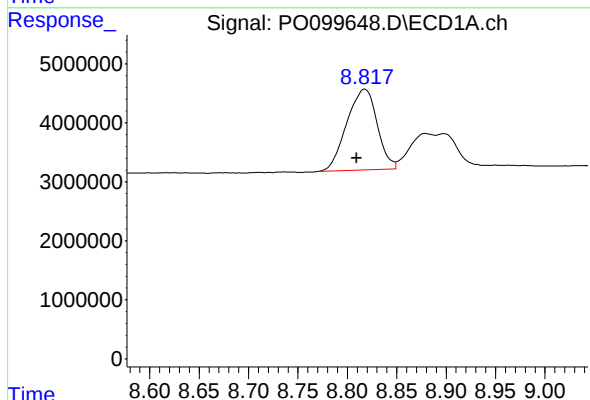
R.T.: 8.483 min
Delta R.T.: -0.001 min
Response: 45043011
Conc: 608.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



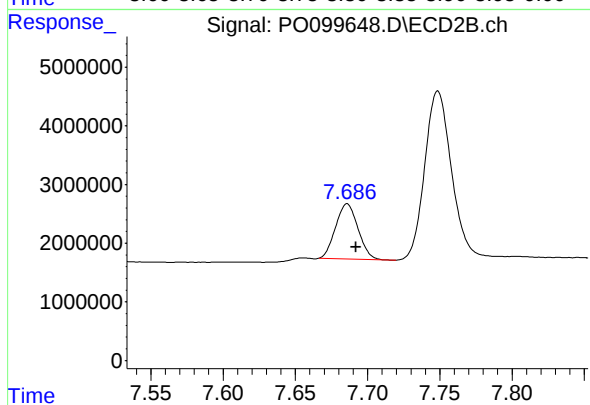
#37 AR-1262-2

R.T.: 7.156 min
Delta R.T.: -0.006 min
Response: 23096016
Conc: 465.91 ng/ml



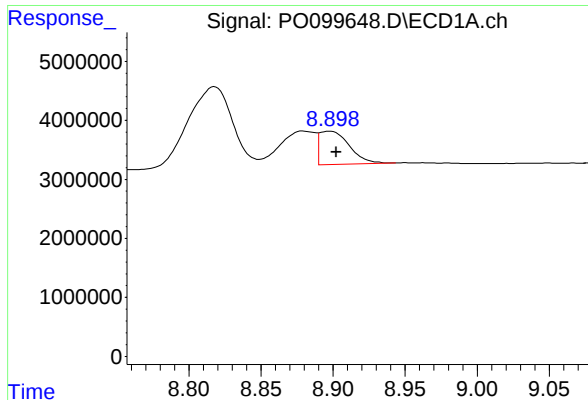
#38 AR-1262-3

R.T.: 8.818 min
Delta R.T.: 0.008 min
Response: 29288941
Conc: 570.29 ng/ml



#38 AR-1262-3

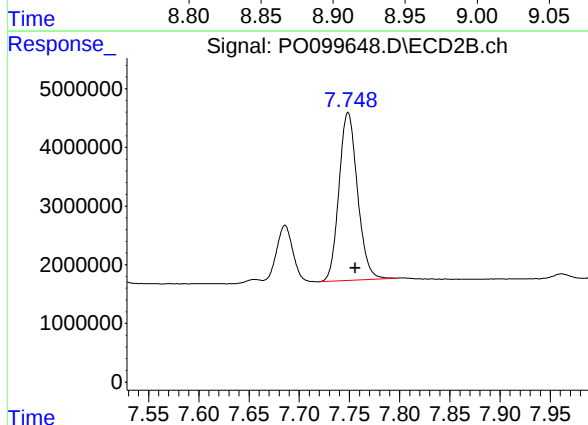
R.T.: 7.686 min
Delta R.T.: -0.006 min
Response: 10192984
Conc: 275.68 ng/ml



#39 AR-1262-4

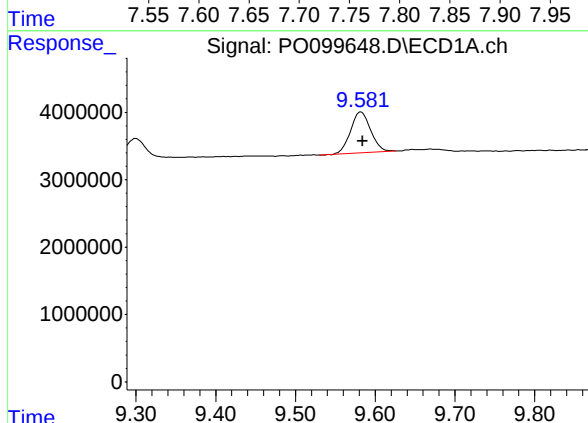
R.T.: 8.898 min
Delta R.T.: -0.004 min
Response: 8134998
Conc: 209.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



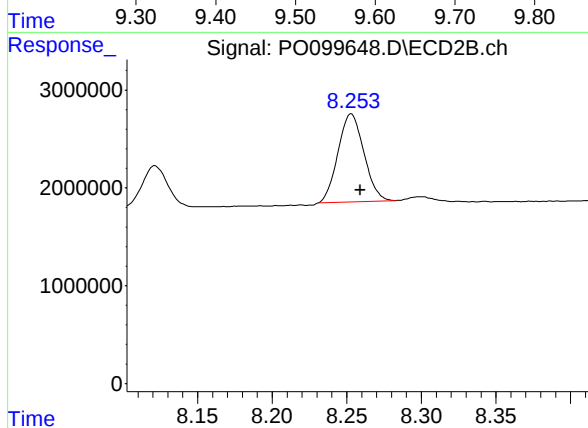
#39 AR-1262-4

R.T.: 7.749 min
Delta R.T.: -0.007 min
Response: 36669852
Conc: 570.85 ng/ml



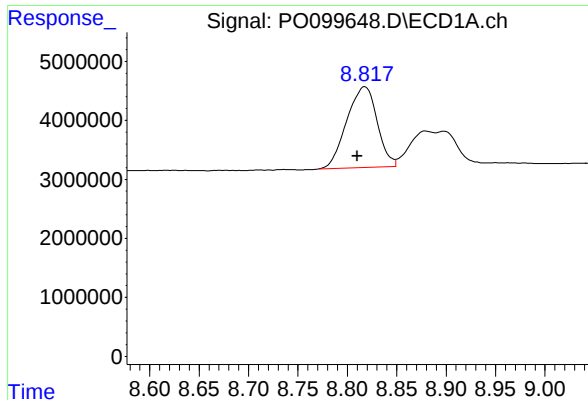
#40 AR-1262-5

R.T.: 9.582 min
Delta R.T.: -0.002 min
Response: 10589778
Conc: 498.26 ng/ml



#40 AR-1262-5

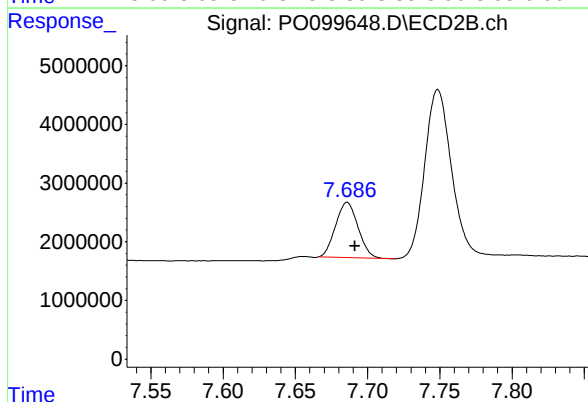
R.T.: 8.253 min
Delta R.T.: -0.006 min
Response: 10847520
Conc: 394.71 ng/ml



#41 AR-1268-1

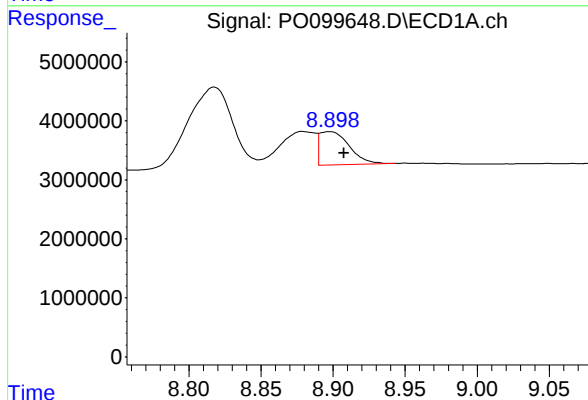
R.T.: 8.818 min
Delta R.T.: 0.008 min
Response: 29288941
Conc: 290.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



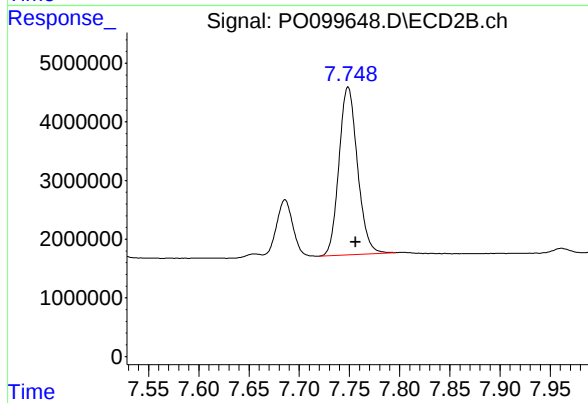
#41 AR-1268-1

R.T.: 7.686 min
Delta R.T.: -0.005 min
Response: 10192984
Conc: 92.72 ng/ml



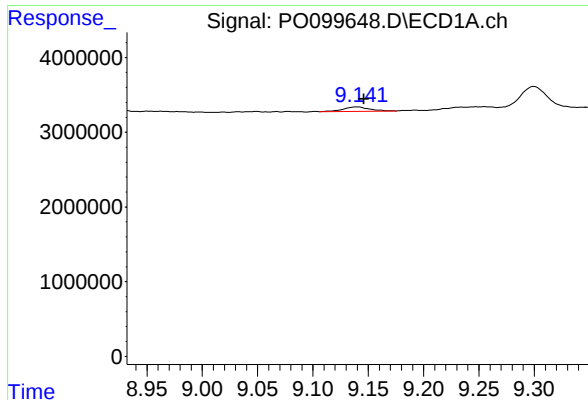
#42 AR-1268-2

R.T.: 8.898 min
Delta R.T.: -0.010 min
Response: 8134998
Conc: 95.89 ng/ml



#42 AR-1268-2

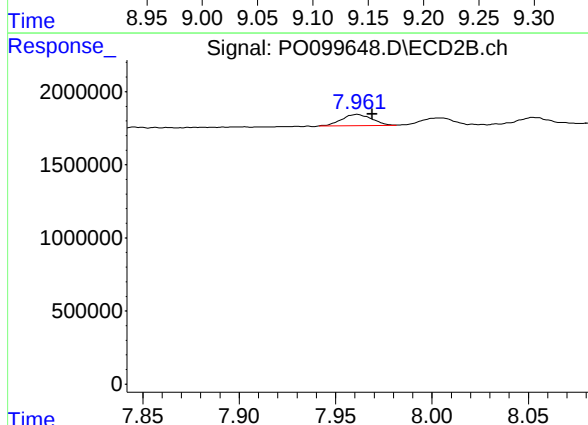
R.T.: 7.749 min
Delta R.T.: -0.007 min
Response: 36669852
Conc: 371.92 ng/ml



#43 AR-1268-3

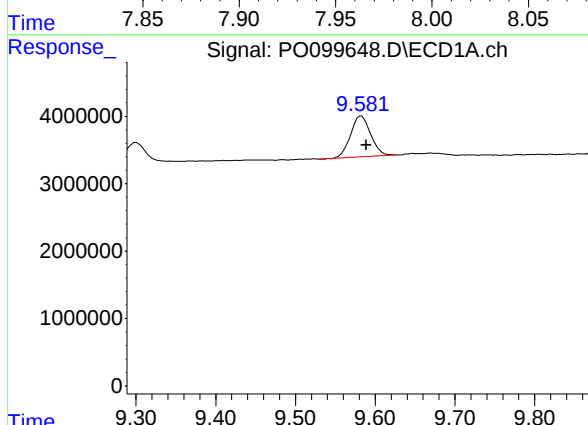
R.T.: 9.141 min
Delta R.T.: -0.005 min
Response: 936445
Conc: 10.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



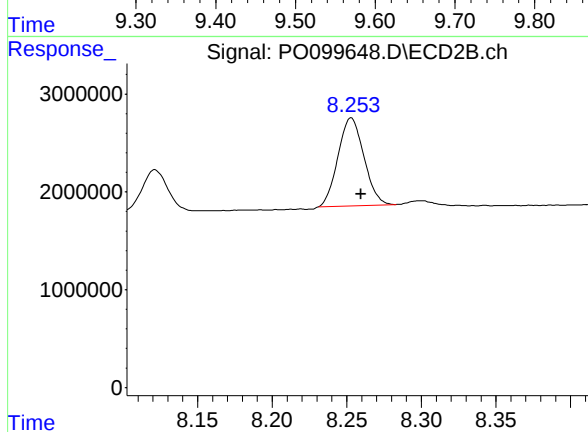
#43 AR-1268-3

R.T.: 7.961 min
Delta R.T.: -0.008 min
Response: 843162
Conc: 8.90 ng/ml



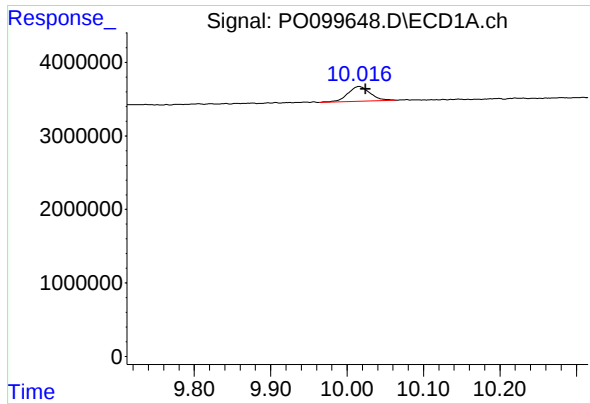
#44 AR-1268-4

R.T.: 9.582 min
Delta R.T.: -0.007 min
Response: 10589778
Conc: 435.58 ng/ml



#44 AR-1268-4

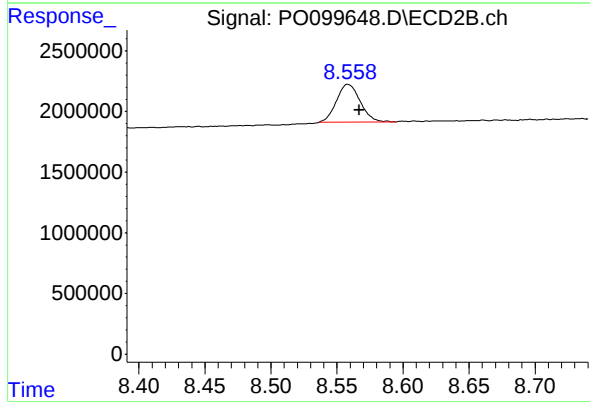
R.T.: 8.253 min
Delta R.T.: -0.007 min
Response: 10847520
Conc: 362.10 ng/ml



#45 AR-1268-5

R.T.: 10.016 min
Delta R.T.: -0.008 min
Response: 4107434
Conc: 19.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.558 min
Delta R.T.: -0.009 min
Response: 3923072
Conc: 15.59 ng/ml