

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0111023\
 Data File : P0099607.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Nov 2023 22:05
 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 11 00:03:14 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	88170786	62917108	51.217	51.898
2) SA Decachlor...	10.379	8.834	44496686	48255699	69.710	65.697
Target Compounds						
3) L1 AR-1016-1	5.680	4.830	22775522	14128673	586.049	525.429
4) L1 AR-1016-2	5.703	4.850	35067905	19449176	547.541	533.595
5) L1 AR-1016-3	5.766	5.029	23286119	10597545	537.383	528.788
6) L1 AR-1016-4	5.865	5.070	17783890	8821702	572.262	530.841
7) L1 AR-1016-5	6.165	5.289	17012629	10670522	559.407	516.542
8) L2 AR-1221-1	4.701	3.939	2928691	2182551	153.767	148.971
9) L2 AR-1221-2	4.793	4.028	4319705	2743640	306.654	299.572
10) L2 AR-1221-3	4.870	4.106	14957067	10908702	360.686	352.479
11) L3 AR-1232-1	4.870	4.106	14957067	10908702	444.004	421.990
12) L3 AR-1232-2	5.408	4.850	19667735	19449176	1178.634	1122.778
13) L3 AR-1232-3	5.703	5.029	35067905	10597545	1236.170	1206.703
14) L3 AR-1232-4	5.865	5.114	17783890	10599103	1318.536	1306.794
15) L3 AR-1232-5	5.957	5.289	15866950	10670522	1383.921	1247.430
16) L4 AR-1242-1	5.680	4.830	22775522	14128673	726.269	638.485
17) L4 AR-1242-2	5.703	4.850	35067905	19449176	679.826	653.197
18) L4 AR-1242-3	5.766	5.029	23286119	10597545	668.153	642.330
19) L4 AR-1242-4	5.865	5.114	17783890	10599103	703.238	629.094
20) L4 AR-1242-5	6.614	5.646	2548631	9112824	124.571	522.014 #
21) L5 AR-1248-1	5.680	4.830	22775522	14128673	964.487	818.416
22) L5 AR-1248-2	5.957	5.070	15866950	8821702	408.078	374.718
23) L5 AR-1248-3	6.165	5.114	17012629	10599103	410.055	427.871
24) L5 AR-1248-4	6.572	5.289	2846942	10670522	74.120	387.030 #
25) L5 AR-1248-5	6.614	5.687	2548631	1605650	67.210	70.366
26) L6 AR-1254-1	6.547	5.646	13076053	9112824	290.556	250.526
27) L6 AR-1254-2	6.768	5.794	12423393	8061397	197.003	248.158 #
28) L6 AR-1254-3	7.138	6.220	5715203	15752747	98.124	290.519 #
29) L6 AR-1254-4	7.428	6.435	3002004	1298153	88.083	46.096 #
30) L6 AR-1254-5	7.850	6.858	33983575	31053545	868.521	637.325 #
31) L7 AR-1260-1	7.305	6.336	27624245	23334505	555.793	541.038
32) L7 AR-1260-2	7.565	6.525	29985817	27299558	587.046	582.626
33) L7 AR-1260-3	7.928	6.682	21312632	26723194	594.448	585.502
34) L7 AR-1260-4	8.158	7.159	24115475	21375762	610.887	581.684
35) L7 AR-1260-5	8.488	7.401	41088011	45558028	685.846	625.024
36) L8 AR-1262-1	7.850	6.858	33983575	31053545	1075.864	1263.335
37) L8 AR-1262-2	8.488	7.159	41088011	21375762	555.447	431.205
38) L8 AR-1262-3	8.822	7.689	26515115	9611395	516.280	259.953 #
39) L8 AR-1262-4	8.903	7.751	6391852	34258177	164.414	533.307 #
40) L8 AR-1262-5	9.589	8.256	9221779	10192256	433.895	370.869
41) L9 AR-1268-1	8.822	7.689	26515115	9611395	263.274	87.433 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0111023\
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 Sample : AR1660CCC500
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Integration File signal 1: autoint1.e
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 Quant Time: Nov 11 00:03:14 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

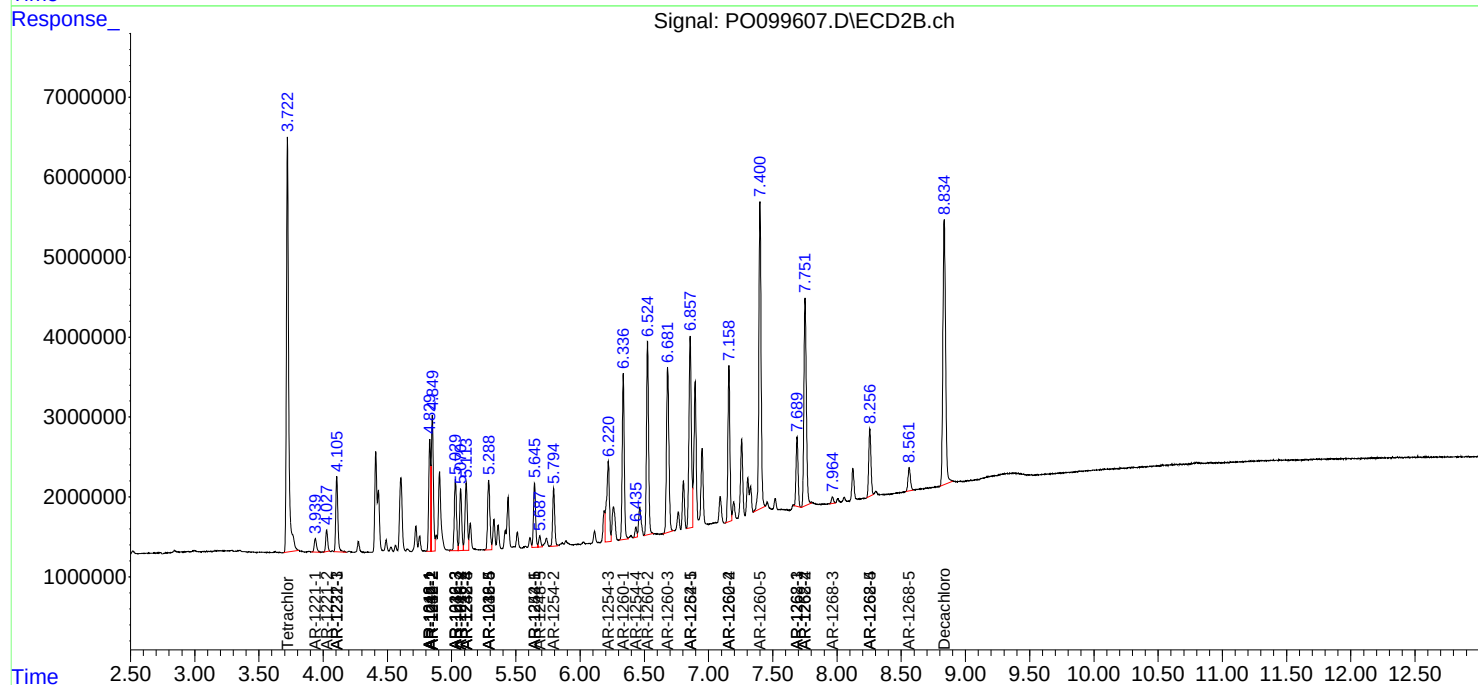
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

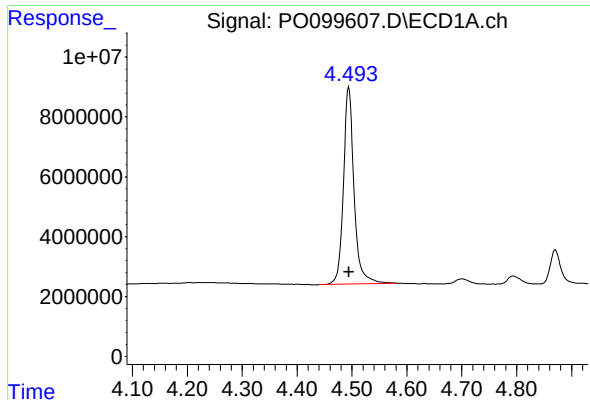
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.903	7.751	6391852	34258177	75.346	347.464 #
43) L9	AR-1268-3	9.147	7.965	791934	949381	9.286	10.025
44) L9	AR-1268-4	9.589	8.256	9221779	10192256	379.314	340.223
45) L9	AR-1268-5	10.024	8.562	3392490	3827086	15.964	15.208

(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

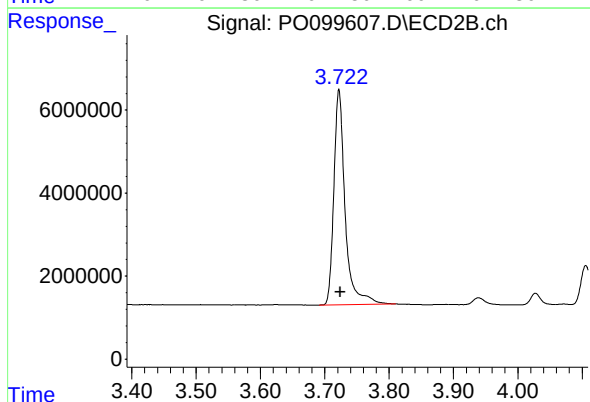




#1 Tetrachloro-m-xylene

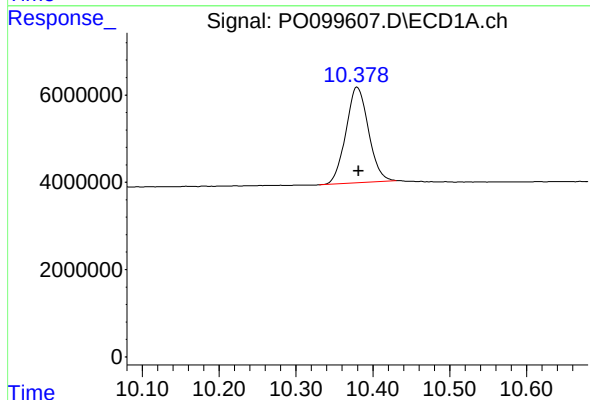
R.T.: 4.494 min
Delta R.T.: 0.000 min
Response: 88170786
Conc: 51.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



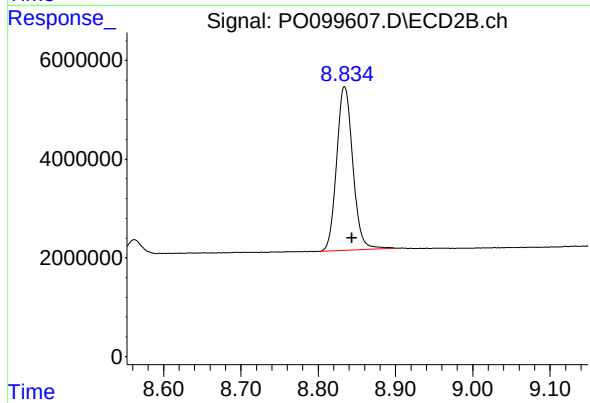
#1 Tetrachloro-m-xylene

R.T.: 3.722 min
Delta R.T.: -0.002 min
Response: 62917108
Conc: 51.90 ng/ml



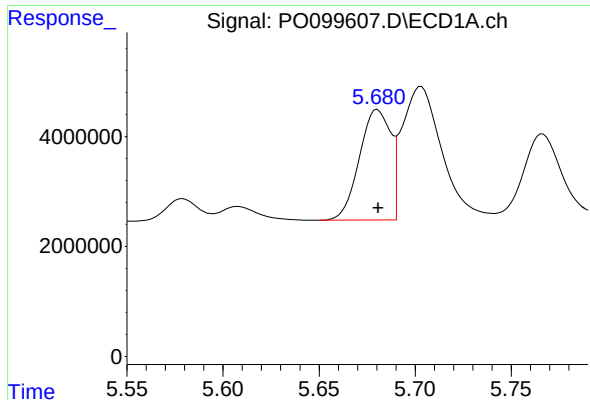
#2 Decachlorobiphenyl

R.T.: 10.379 min
Delta R.T.: -0.002 min
Response: 44496686
Conc: 69.71 ng/ml



#2 Decachlorobiphenyl

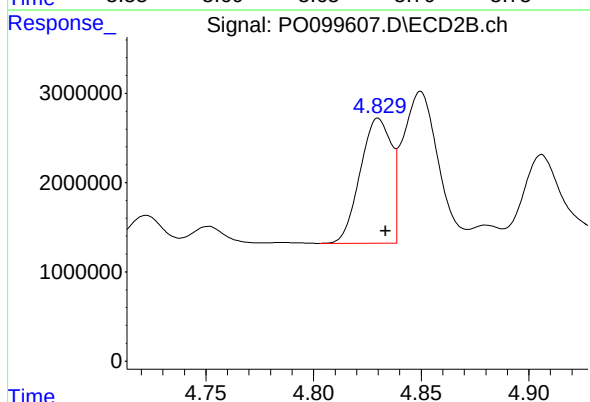
R.T.: 8.834 min
Delta R.T.: -0.009 min
Response: 48255699
Conc: 65.70 ng/ml



#3 AR-1016-1

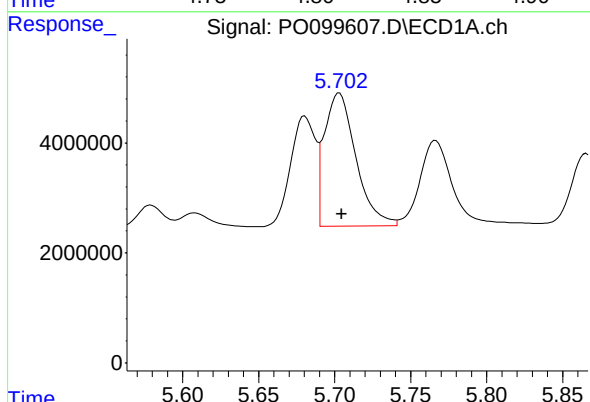
R.T.: 5.680 min
Delta R.T.: 0.000 min
Response: 22775522
Conc: 586.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



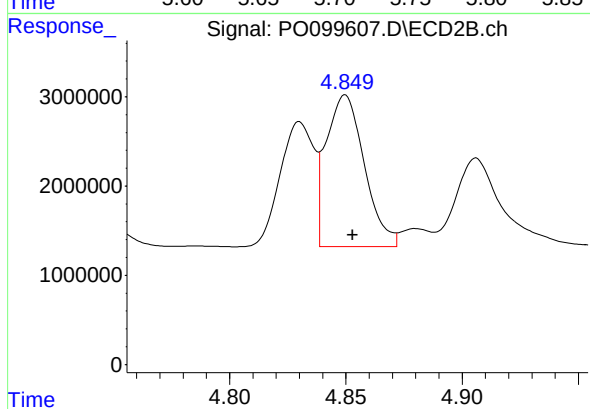
#3 AR-1016-1

R.T.: 4.830 min
Delta R.T.: -0.003 min
Response: 14128673
Conc: 525.43 ng/ml



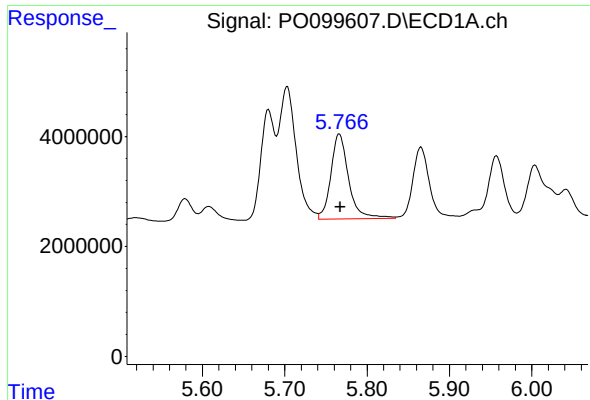
#4 AR-1016-2

R.T.: 5.703 min
Delta R.T.: -0.002 min
Response: 35067905
Conc: 547.54 ng/ml



#4 AR-1016-2

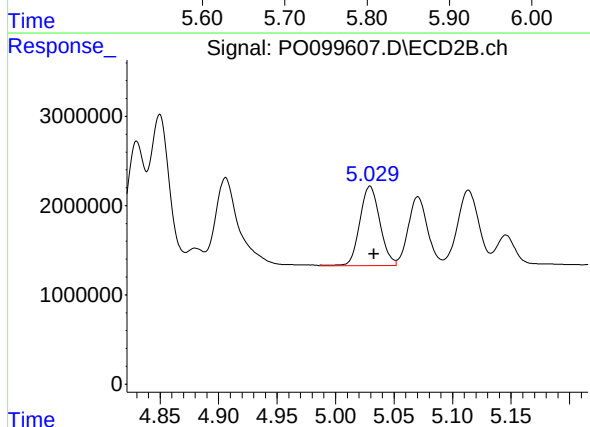
R.T.: 4.850 min
Delta R.T.: -0.003 min
Response: 19449176
Conc: 533.60 ng/ml



#5 AR-1016-3

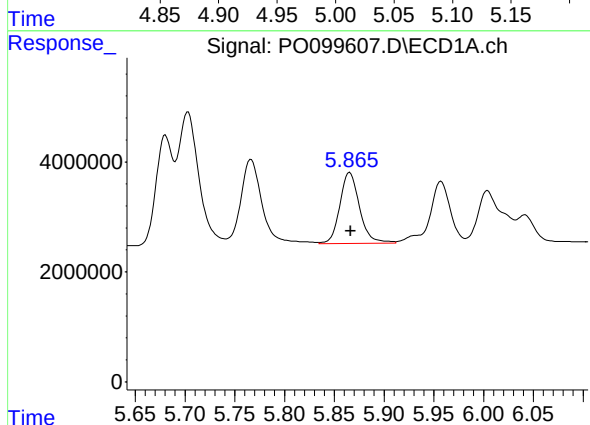
R.T.: 5.766 min
Delta R.T.: -0.001 min
Response: 23286119
Conc: 537.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



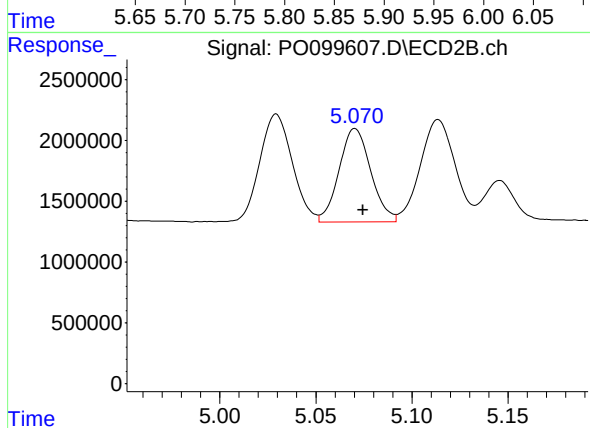
#5 AR-1016-3

R.T.: 5.029 min
Delta R.T.: -0.003 min
Response: 10597545
Conc: 528.79 ng/ml



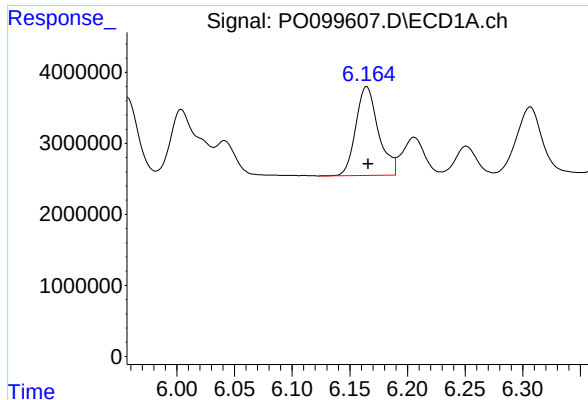
#6 AR-1016-4

R.T.: 5.865 min
Delta R.T.: -0.001 min
Response: 17783890
Conc: 572.26 ng/ml



#6 AR-1016-4

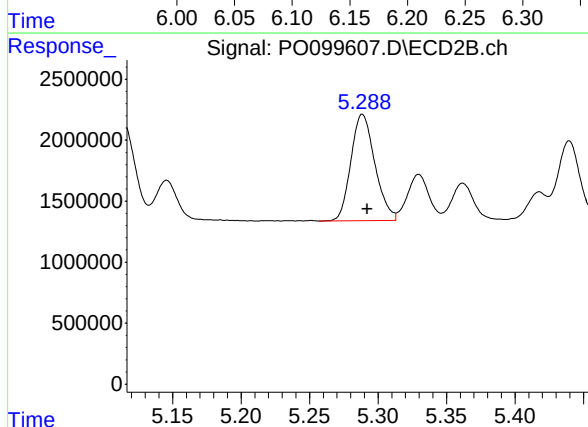
R.T.: 5.070 min
Delta R.T.: -0.004 min
Response: 8821702
Conc: 530.84 ng/ml



#7 AR-1016-5

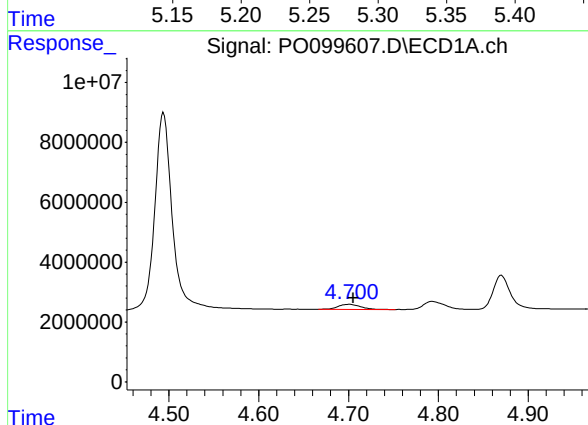
R.T.: 6.165 min
Delta R.T.: -0.001 min
Response: 17012629
Conc: 559.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



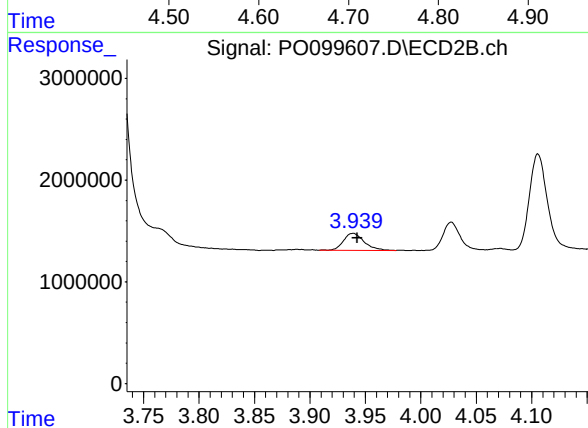
#7 AR-1016-5

R.T.: 5.289 min
Delta R.T.: -0.004 min
Response: 10670522
Conc: 516.54 ng/ml



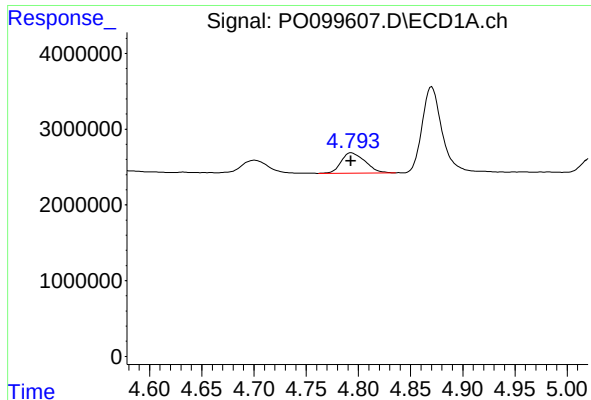
#8 AR-1221-1

R.T.: 4.701 min
Delta R.T.: -0.004 min
Response: 2928691
Conc: 153.77 ng/ml



#8 AR-1221-1

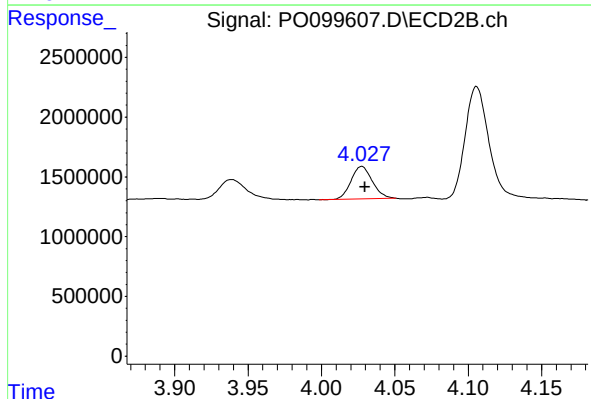
R.T.: 3.939 min
Delta R.T.: -0.004 min
Response: 2182551
Conc: 148.97 ng/ml



#9 AR-1221-2

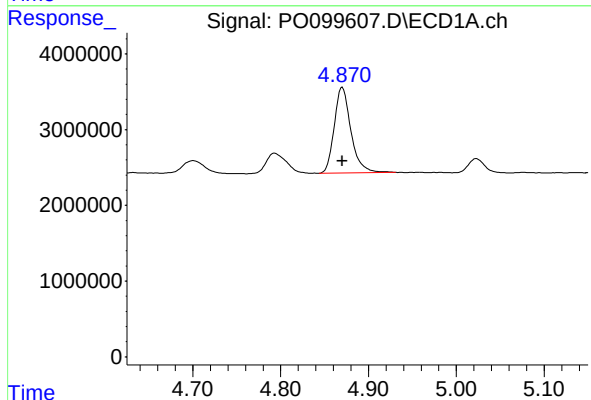
R.T.: 4.793 min
Delta R.T.: 0.000 min
Response: 4319705
Conc: 306.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



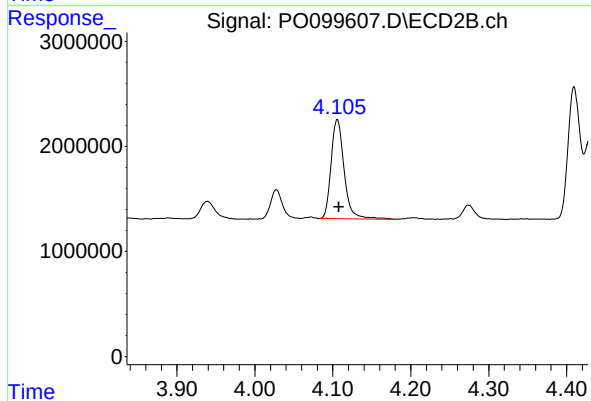
#9 AR-1221-2

R.T.: 4.028 min
Delta R.T.: -0.002 min
Response: 2743640
Conc: 299.57 ng/ml



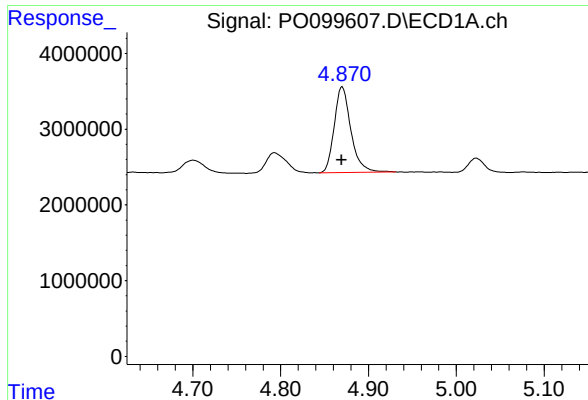
#10 AR-1221-3

R.T.: 4.870 min
Delta R.T.: 0.000 min
Response: 14957067
Conc: 360.69 ng/ml



#10 AR-1221-3

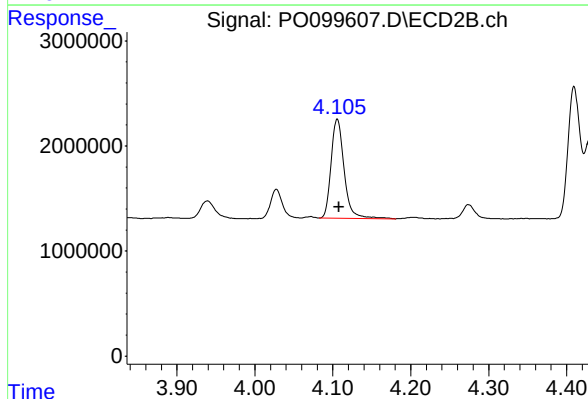
R.T.: 4.106 min
Delta R.T.: -0.002 min
Response: 10908702
Conc: 352.48 ng/ml



#11 AR-1232-1

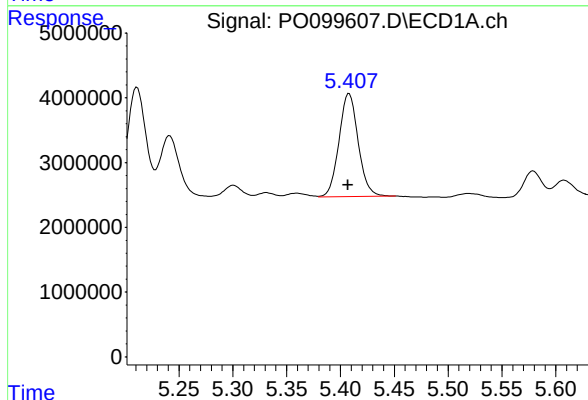
R.T.: 4.870 min
Delta R.T.: 0.000 min
Response: 14957067
Conc: 444.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



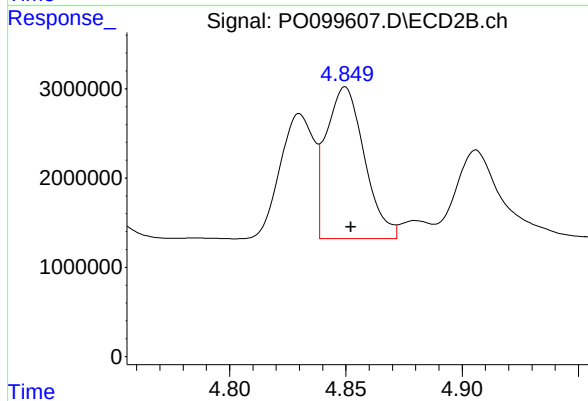
#11 AR-1232-1

R.T.: 4.106 min
Delta R.T.: -0.002 min
Response: 10908702
Conc: 421.99 ng/ml



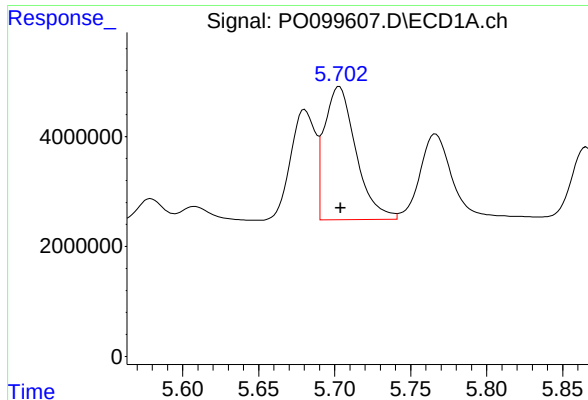
#12 AR-1232-2

R.T.: 5.408 min
Delta R.T.: 0.001 min
Response: 19667735
Conc: 1178.63 ng/ml



#12 AR-1232-2

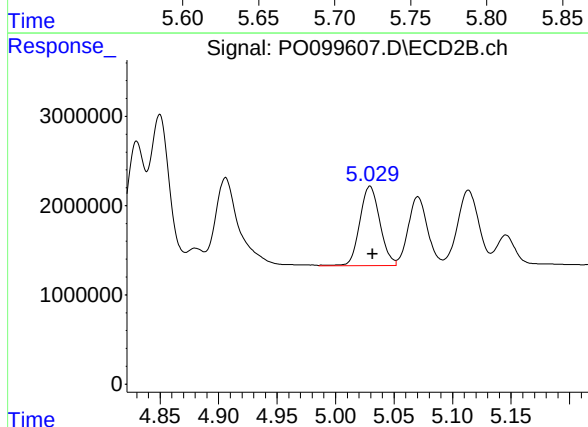
R.T.: 4.850 min
Delta R.T.: -0.003 min
Response: 19449176
Conc: 1122.78 ng/ml



#13 AR-1232-3

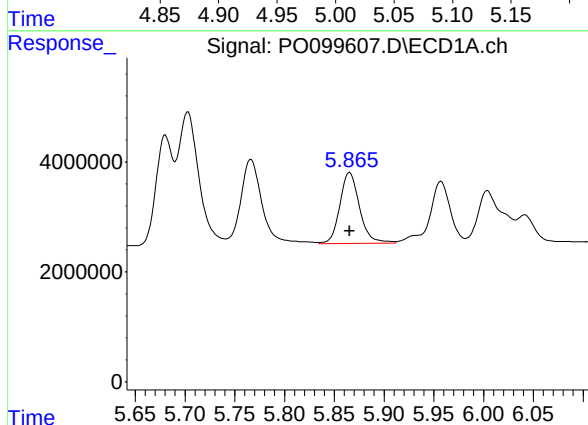
R.T.: 5.703 min
Delta R.T.: 0.000 min
Response: 35067905
Conc: 1236.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



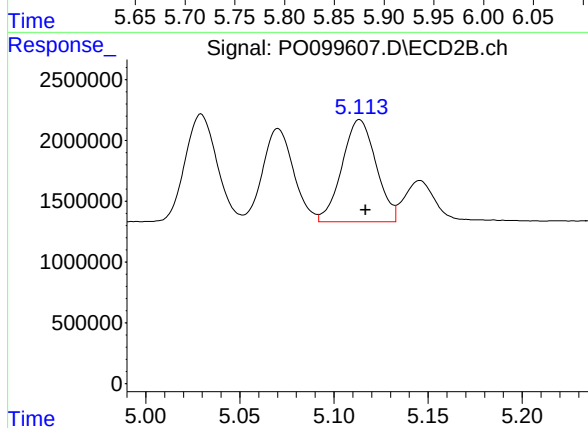
#13 AR-1232-3

R.T.: 5.029 min
Delta R.T.: -0.002 min
Response: 10597545
Conc: 1206.70 ng/ml



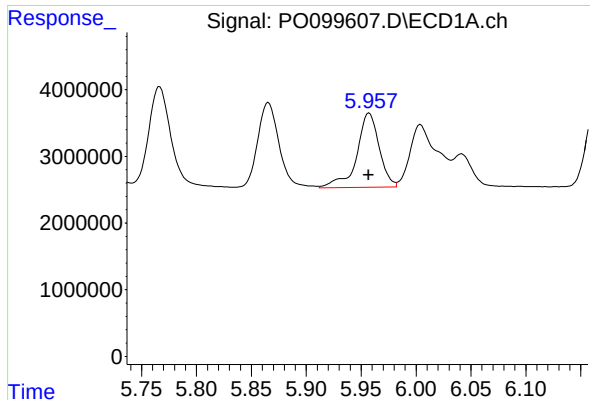
#14 AR-1232-4

R.T.: 5.865 min
Delta R.T.: 0.000 min
Response: 17783890
Conc: 1318.54 ng/ml



#14 AR-1232-4

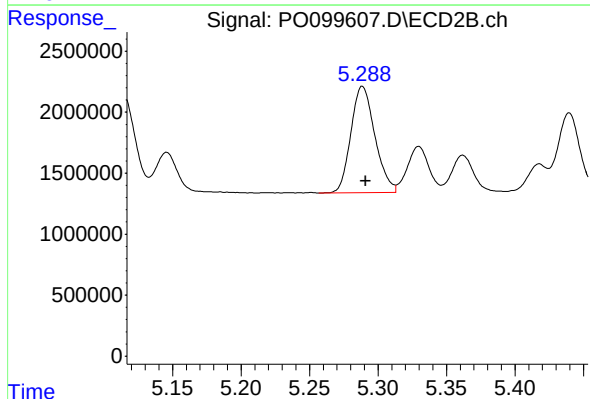
R.T.: 5.114 min
Delta R.T.: -0.003 min
Response: 10599103
Conc: 1306.79 ng/ml



#15 AR-1232-5

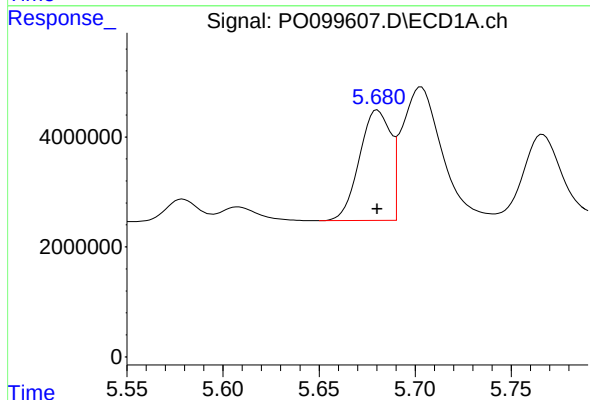
R.T.: 5.957 min
Delta R.T.: 0.000 min
Response: 15866950
Conc: 1383.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



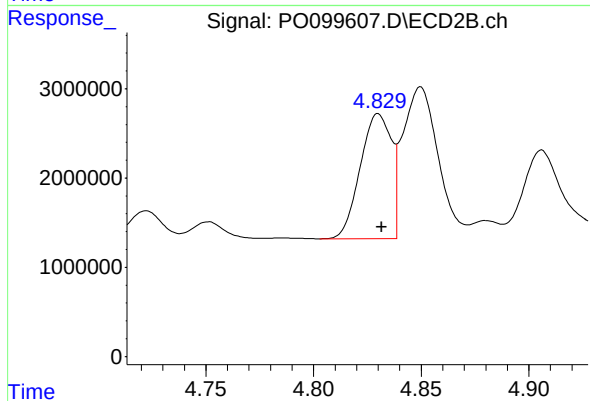
#15 AR-1232-5

R.T.: 5.289 min
Delta R.T.: -0.002 min
Response: 10670522
Conc: 1247.43 ng/ml



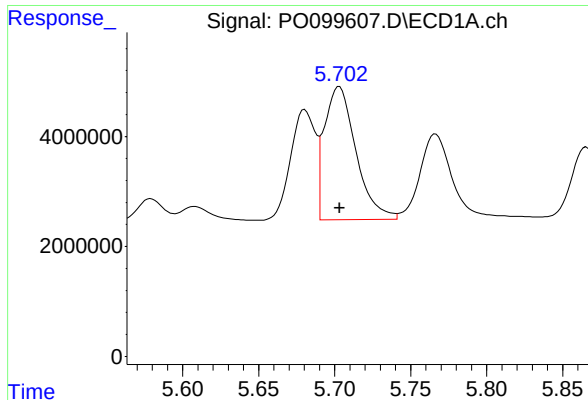
#16 AR-1242-1

R.T.: 5.680 min
Delta R.T.: 0.000 min
Response: 22775522
Conc: 726.27 ng/ml



#16 AR-1242-1

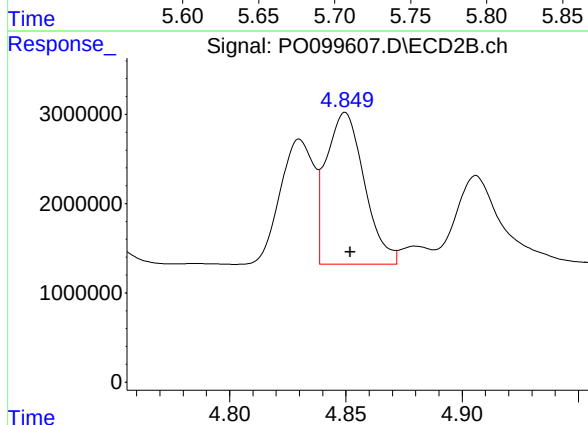
R.T.: 4.830 min
Delta R.T.: -0.002 min
Response: 14128673
Conc: 638.49 ng/ml



#17 AR-1242-2

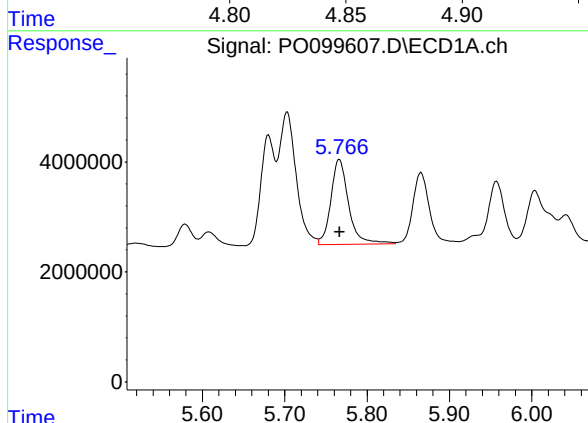
R.T.: 5.703 min
Delta R.T.: 0.000 min
Response: 35067905
Conc: 679.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



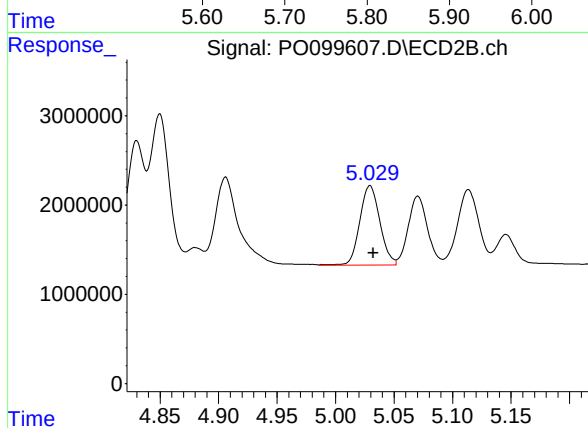
#17 AR-1242-2

R.T.: 4.850 min
Delta R.T.: -0.002 min
Response: 19449176
Conc: 653.20 ng/ml



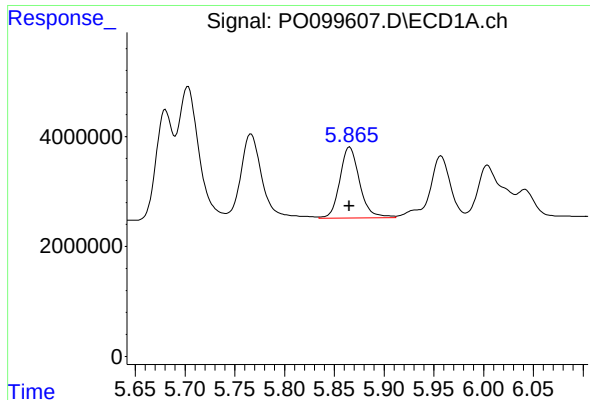
#18 AR-1242-3

R.T.: 5.766 min
Delta R.T.: 0.000 min
Response: 23286119
Conc: 668.15 ng/ml



#18 AR-1242-3

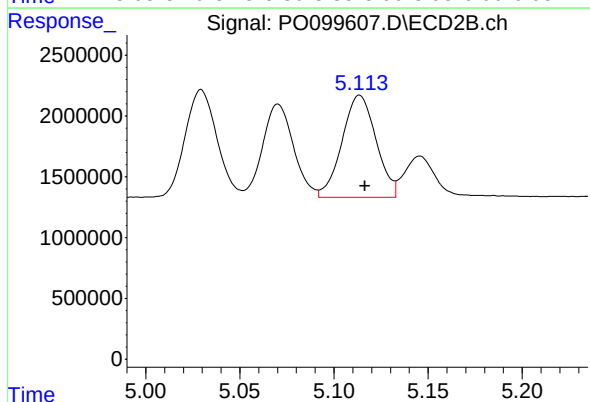
R.T.: 5.029 min
Delta R.T.: -0.003 min
Response: 10597545
Conc: 642.33 ng/ml



#19 AR-1242-4

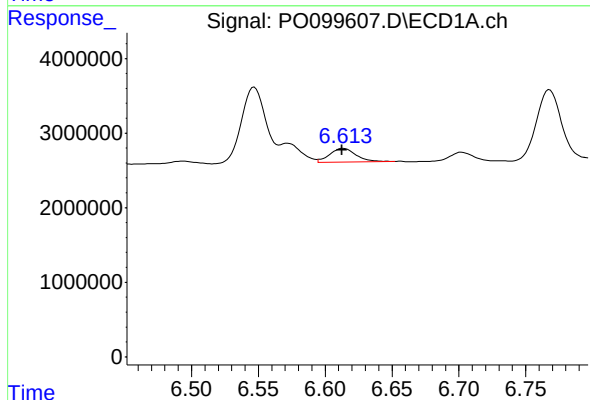
R.T.: 5.865 min
Delta R.T.: 0.000 min
Response: 17783890
Conc: 703.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



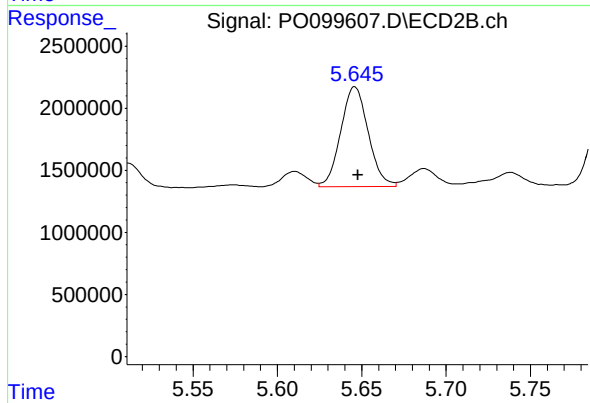
#19 AR-1242-4

R.T.: 5.114 min
Delta R.T.: -0.003 min
Response: 10599103
Conc: 629.09 ng/ml



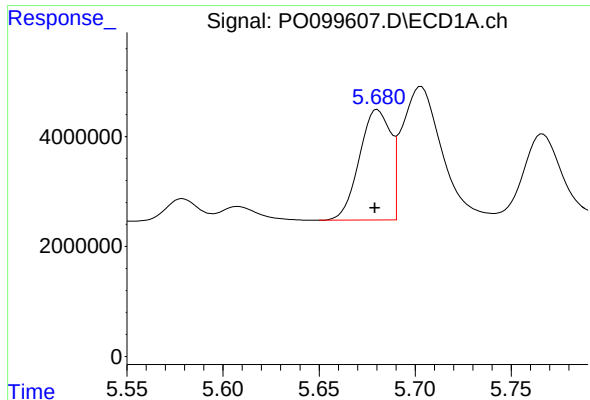
#20 AR-1242-5

R.T.: 6.614 min
Delta R.T.: 0.001 min
Response: 2548631
Conc: 124.57 ng/ml



#20 AR-1242-5

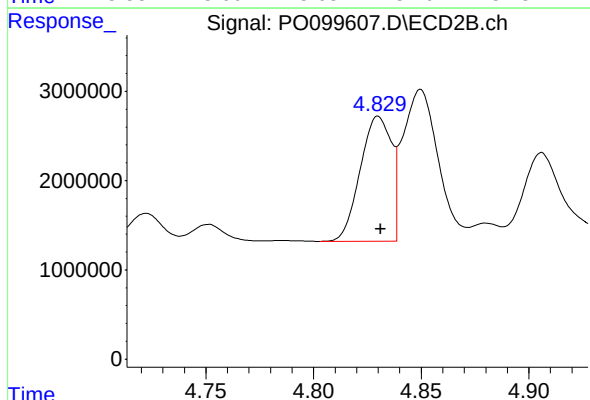
R.T.: 5.646 min
Delta R.T.: -0.002 min
Response: 9112824
Conc: 522.01 ng/ml



#21 AR-1248-1

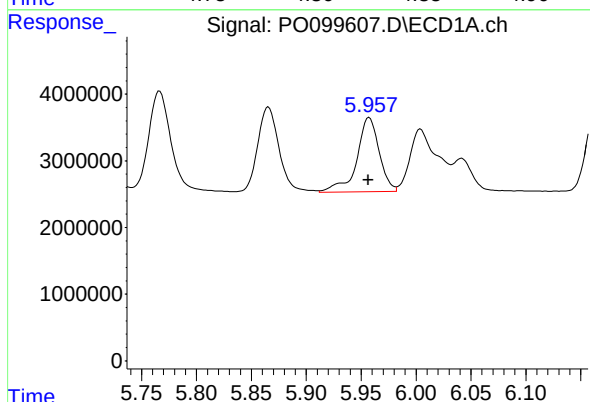
R.T.: 5.680 min
Delta R.T.: 0.001 min
Response: 22775522
Conc: 964.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



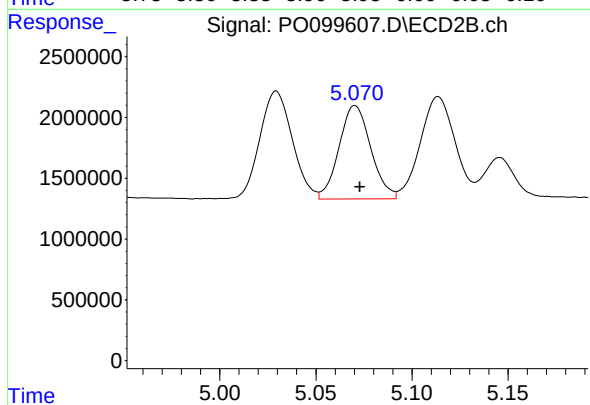
#21 AR-1248-1

R.T.: 4.830 min
Delta R.T.: -0.001 min
Response: 14128673
Conc: 818.42 ng/ml



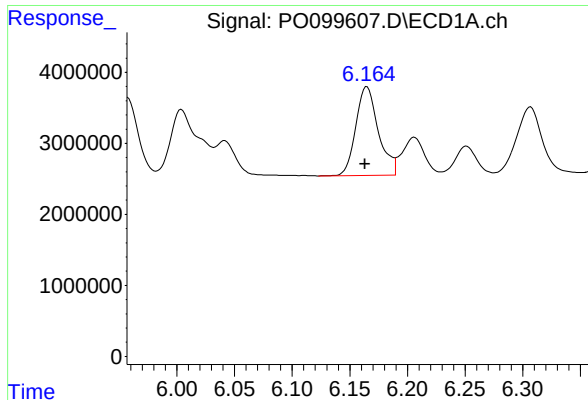
#22 AR-1248-2

R.T.: 5.957 min
Delta R.T.: 0.000 min
Response: 15866950
Conc: 408.08 ng/ml



#22 AR-1248-2

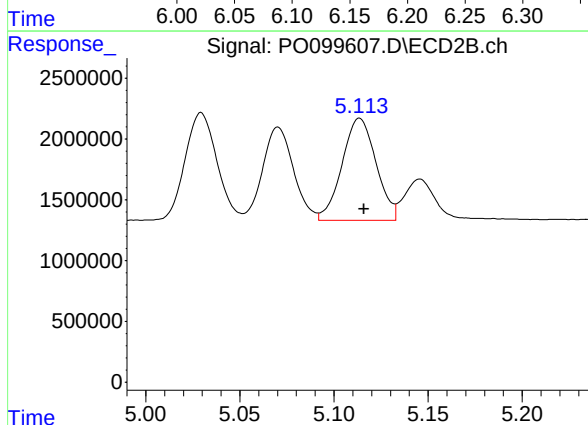
R.T.: 5.070 min
Delta R.T.: -0.003 min
Response: 8821702
Conc: 374.72 ng/ml



#23 AR-1248-3

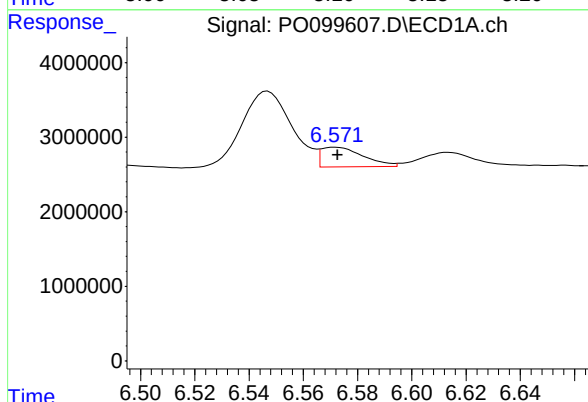
R.T.: 6.165 min
Delta R.T.: 0.002 min
Response: 17012629
Conc: 410.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



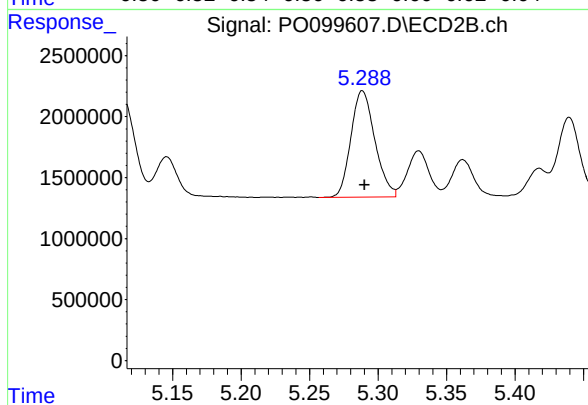
#23 AR-1248-3

R.T.: 5.114 min
Delta R.T.: -0.002 min
Response: 10599103
Conc: 427.87 ng/ml



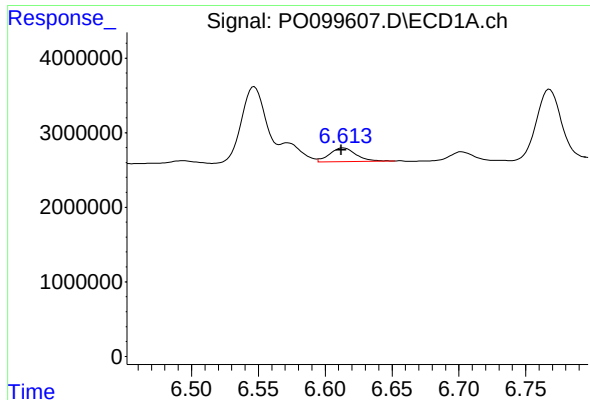
#24 AR-1248-4

R.T.: 6.572 min
Delta R.T.: 0.000 min
Response: 2846942
Conc: 74.12 ng/ml



#24 AR-1248-4

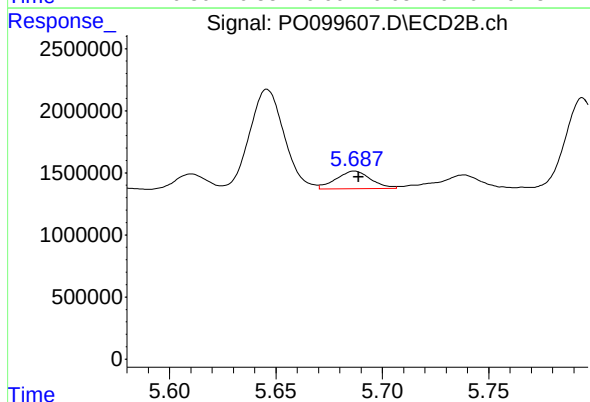
R.T.: 5.289 min
Delta R.T.: -0.002 min
Response: 10670522
Conc: 387.03 ng/ml



#25 AR-1248-5

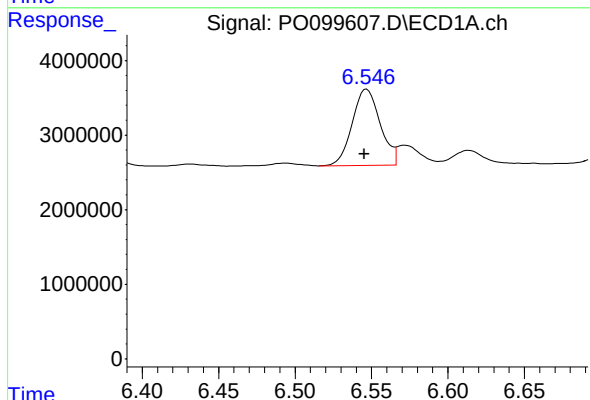
R.T.: 6.614 min
Delta R.T.: 0.002 min
Response: 2548631
Conc: 67.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



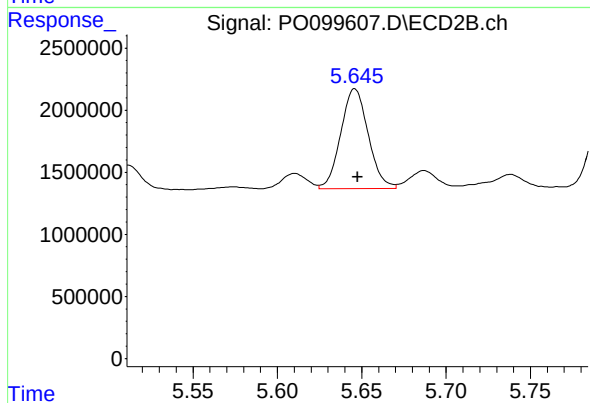
#25 AR-1248-5

R.T.: 5.687 min
Delta R.T.: -0.002 min
Response: 1605650
Conc: 70.37 ng/ml



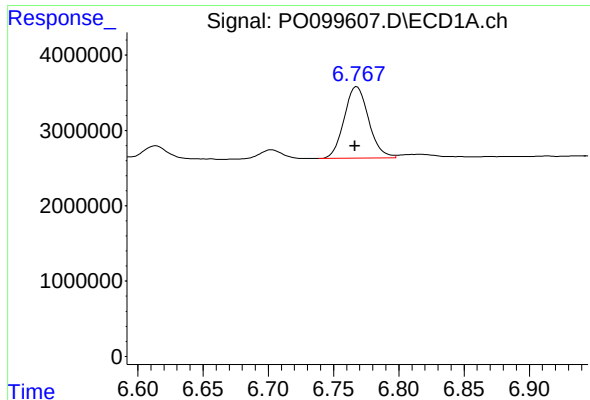
#26 AR-1254-1

R.T.: 6.547 min
Delta R.T.: 0.002 min
Response: 13076053
Conc: 290.56 ng/ml



#26 AR-1254-1

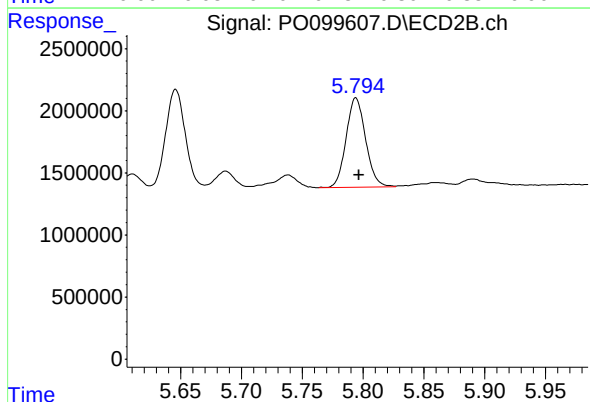
R.T.: 5.646 min
Delta R.T.: -0.002 min
Response: 9112824
Conc: 250.53 ng/ml



#27 AR-1254-2

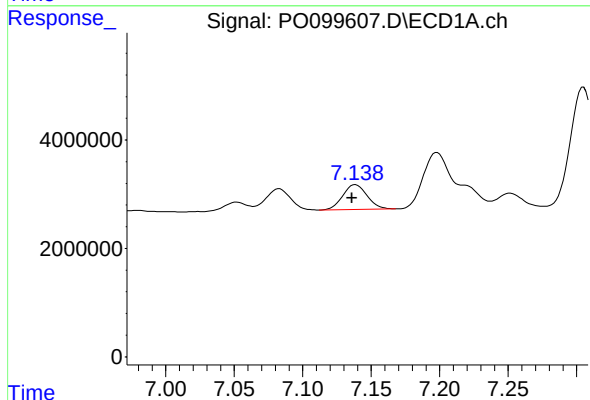
R.T.: 6.768 min
Delta R.T.: 0.001 min
Response: 12423393
Conc: 197.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



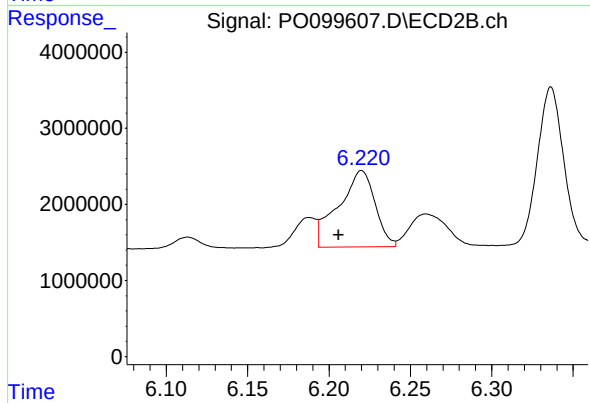
#27 AR-1254-2

R.T.: 5.794 min
Delta R.T.: -0.003 min
Response: 8061397
Conc: 248.16 ng/ml



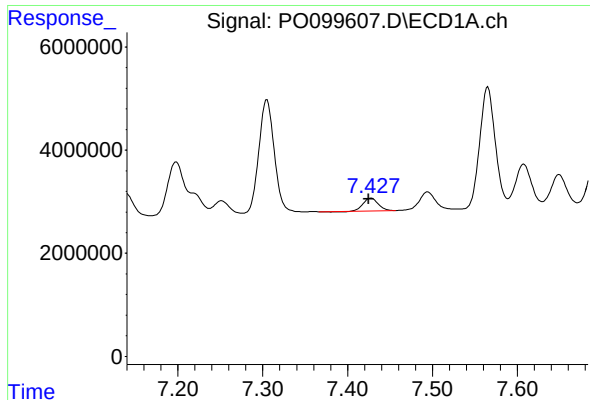
#28 AR-1254-3

R.T.: 7.138 min
Delta R.T.: 0.003 min
Response: 5715203
Conc: 98.12 ng/ml



#28 AR-1254-3

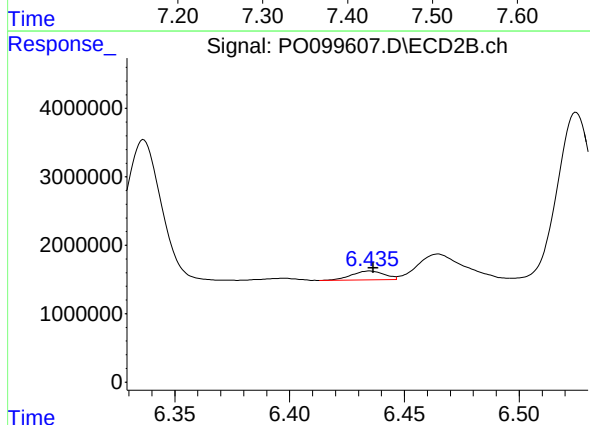
R.T.: 6.220 min
Delta R.T.: 0.014 min
Response: 15752747
Conc: 290.52 ng/ml



#29 AR-1254-4

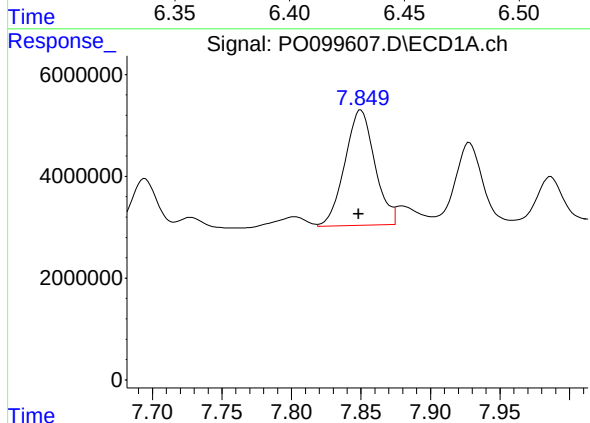
R.T.: 7.428 min
Delta R.T.: 0.003 min
Response: 3002004
Conc: 88.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



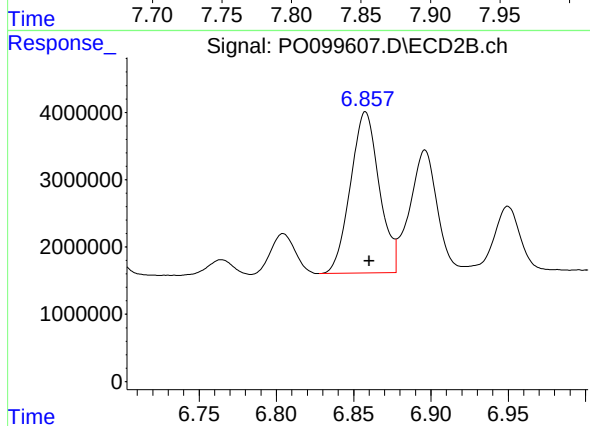
#29 AR-1254-4

R.T.: 6.435 min
Delta R.T.: -0.001 min
Response: 1298153
Conc: 46.10 ng/ml



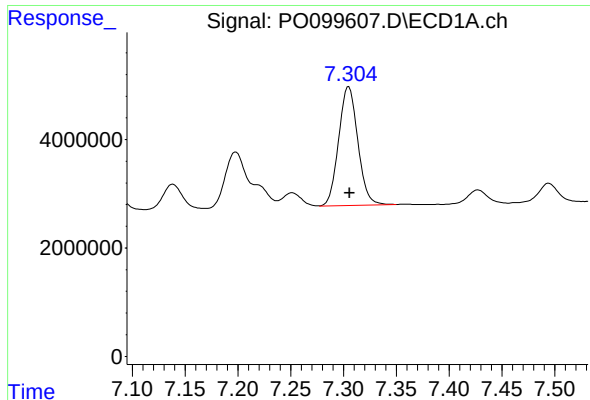
#30 AR-1254-5

R.T.: 7.850 min
Delta R.T.: 0.002 min
Response: 33983575
Conc: 868.52 ng/ml



#30 AR-1254-5

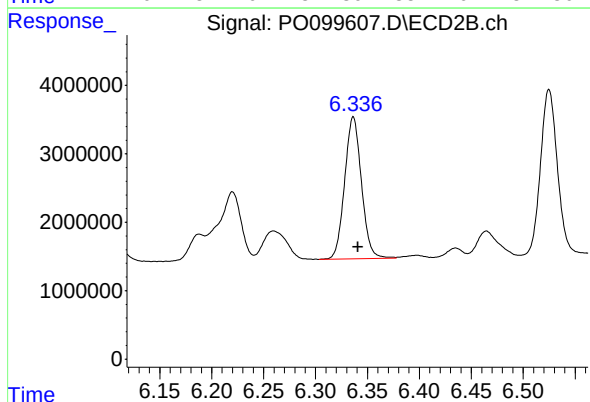
R.T.: 6.858 min
Delta R.T.: -0.003 min
Response: 31053545
Conc: 637.32 ng/ml



#31 AR-1260-1

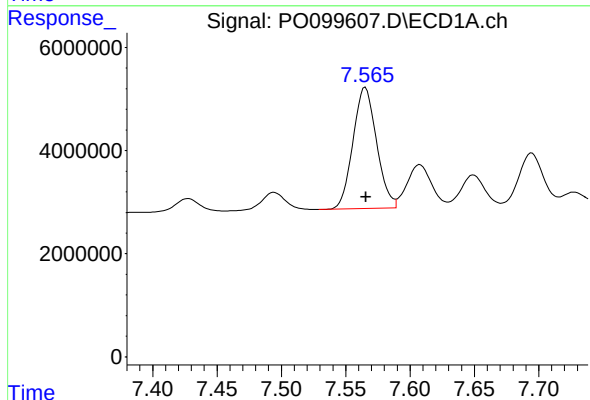
R.T.: 7.305 min
Delta R.T.: 0.000 min
Response: 27624245
Conc: 555.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



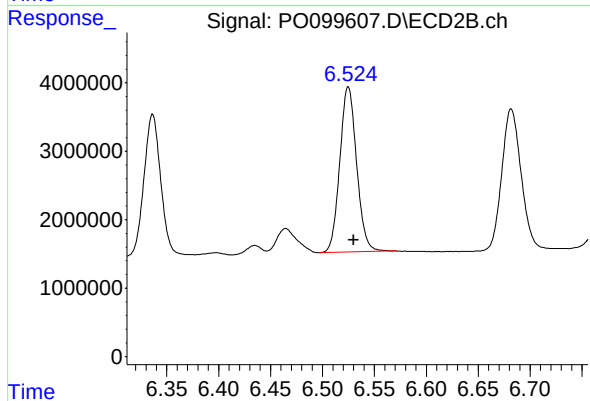
#31 AR-1260-1

R.T.: 6.336 min
Delta R.T.: -0.005 min
Response: 23334505
Conc: 541.04 ng/ml



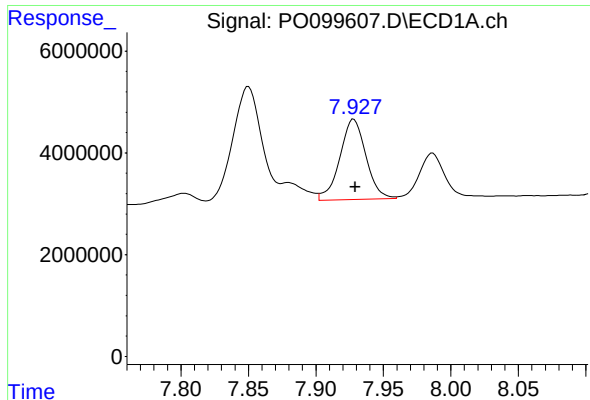
#32 AR-1260-2

R.T.: 7.565 min
Delta R.T.: 0.000 min
Response: 29985817
Conc: 587.05 ng/ml



#32 AR-1260-2

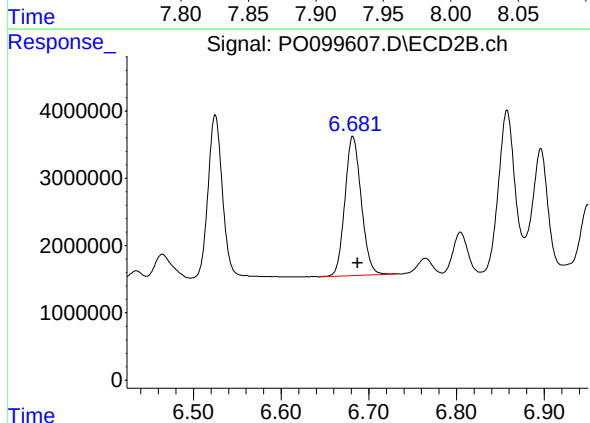
R.T.: 6.525 min
Delta R.T.: -0.005 min
Response: 27299558
Conc: 582.63 ng/ml



#33 AR-1260-3

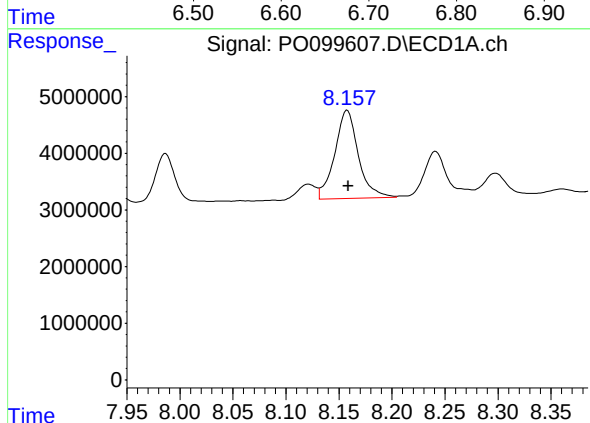
R.T.: 7.928 min
Delta R.T.: -0.001 min
Response: 21312632
Conc: 594.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



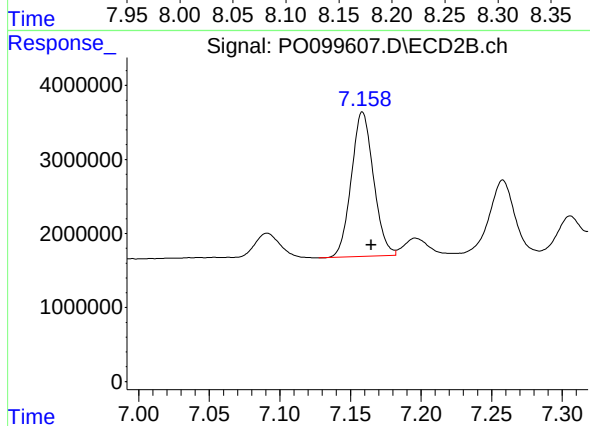
#33 AR-1260-3

R.T.: 6.682 min
Delta R.T.: -0.005 min
Response: 26723194
Conc: 585.50 ng/ml



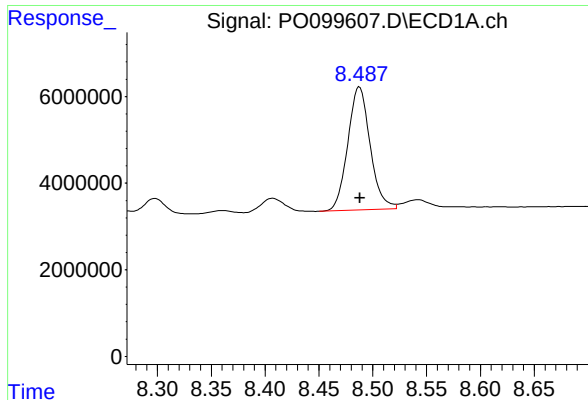
#34 AR-1260-4

R.T.: 8.158 min
Delta R.T.: -0.001 min
Response: 24115475
Conc: 610.89 ng/ml



#34 AR-1260-4

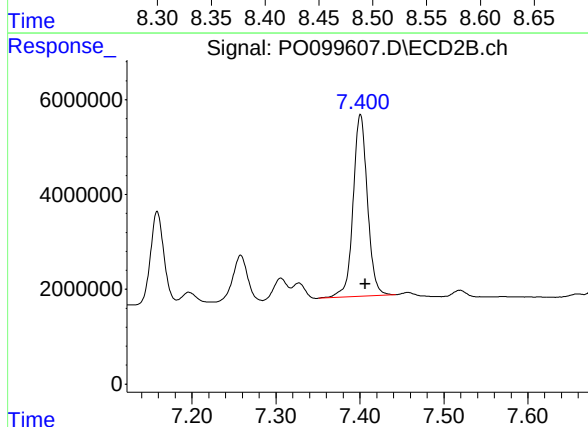
R.T.: 7.159 min
Delta R.T.: -0.006 min
Response: 21375762
Conc: 581.68 ng/ml



#35 AR-1260-5

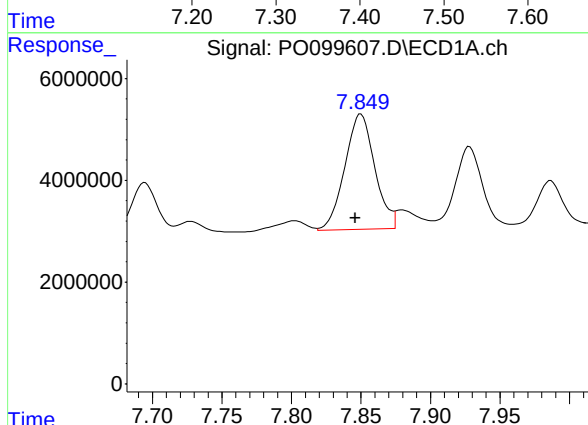
R.T.: 8.488 min
Delta R.T.: 0.000 min
Response: 41088011
Conc: 685.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



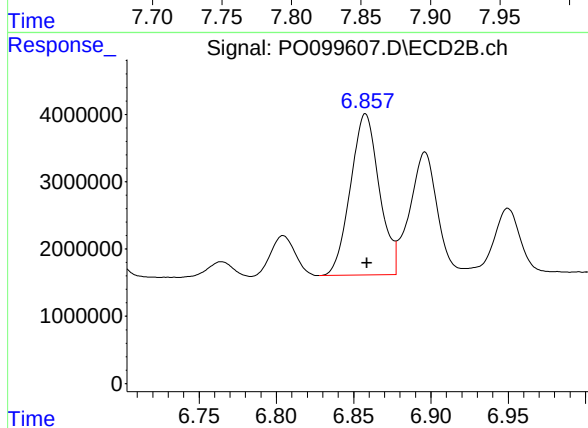
#35 AR-1260-5

R.T.: 7.401 min
Delta R.T.: -0.006 min
Response: 45558028
Conc: 625.02 ng/ml



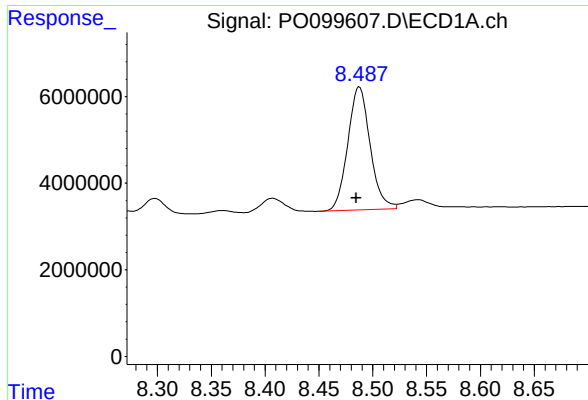
#36 AR-1262-1

R.T.: 7.850 min
Delta R.T.: 0.004 min
Response: 33983575
Conc: 1075.86 ng/ml



#36 AR-1262-1

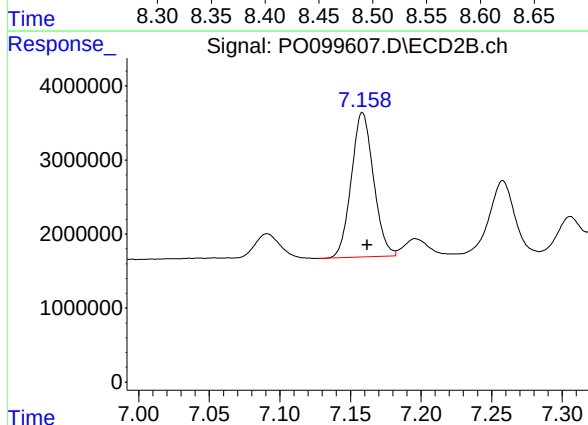
R.T.: 6.858 min
Delta R.T.: -0.001 min
Response: 31053545
Conc: 1263.34 ng/ml



#37 AR-1262-2

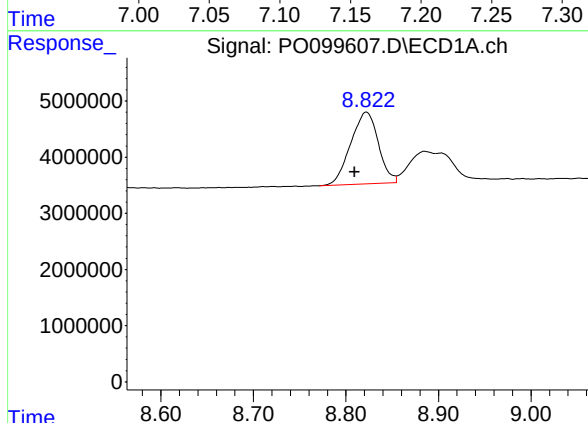
R.T.: 8.488 min
Delta R.T.: 0.003 min
Response: 41088011
Conc: 555.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



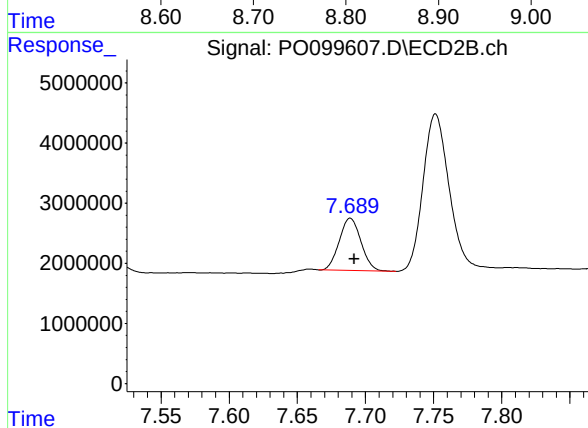
#37 AR-1262-2

R.T.: 7.159 min
Delta R.T.: -0.003 min
Response: 21375762
Conc: 431.20 ng/ml



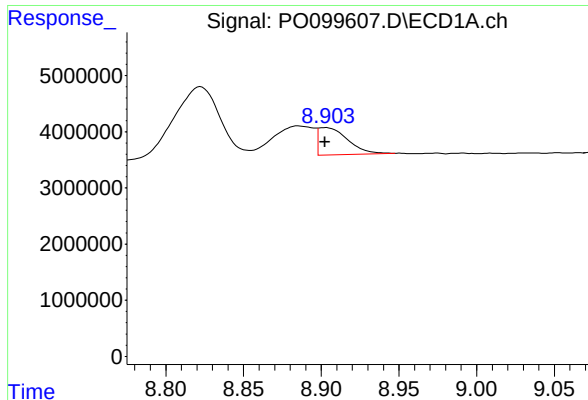
#38 AR-1262-3

R.T.: 8.822 min
Delta R.T.: 0.013 min
Response: 26515115
Conc: 516.28 ng/ml



#38 AR-1262-3

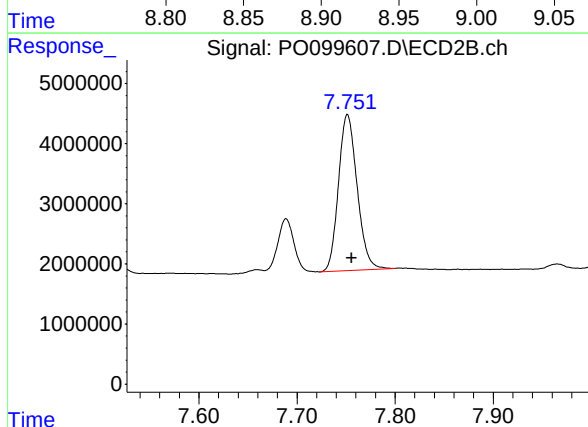
R.T.: 7.689 min
Delta R.T.: -0.003 min
Response: 9611395
Conc: 259.95 ng/ml



#39 AR-1262-4

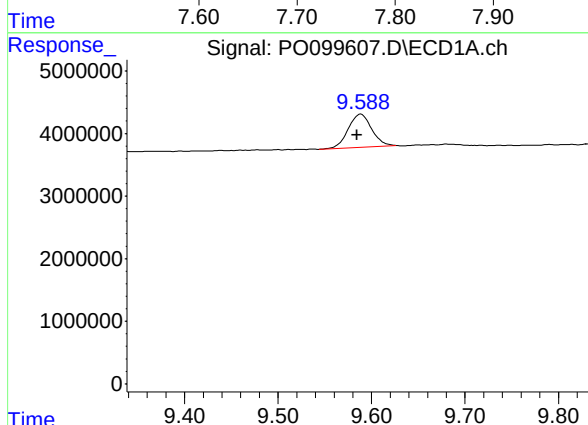
R.T.: 8.903 min
Delta R.T.: 0.000 min
Response: 6391852
Conc: 164.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



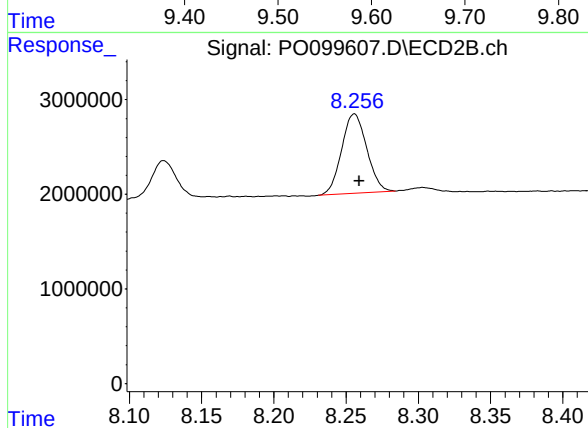
#39 AR-1262-4

R.T.: 7.751 min
Delta R.T.: -0.004 min
Response: 34258177
Conc: 533.31 ng/ml



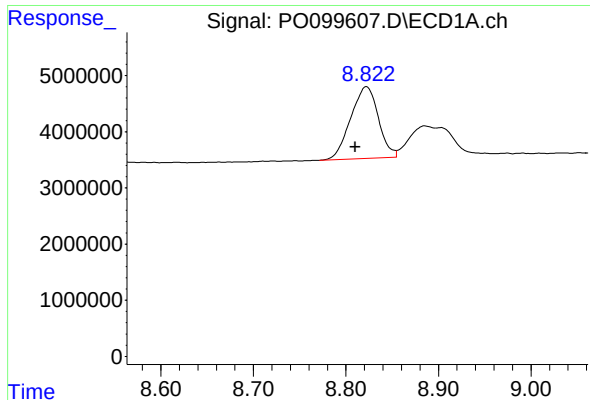
#40 AR-1262-5

R.T.: 9.589 min
Delta R.T.: 0.004 min
Response: 9221779
Conc: 433.89 ng/ml



#40 AR-1262-5

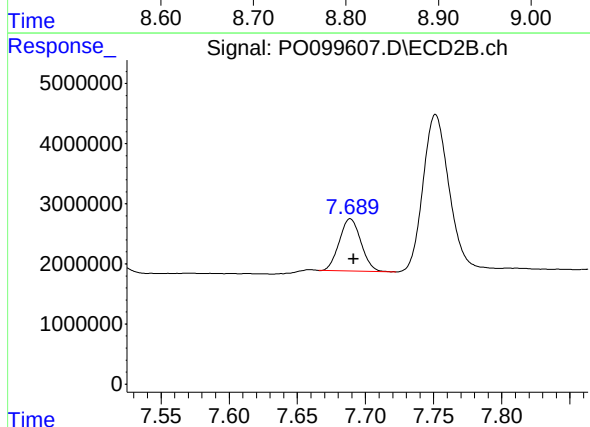
R.T.: 8.256 min
Delta R.T.: -0.003 min
Response: 10192256
Conc: 370.87 ng/ml



#41 AR-1268-1

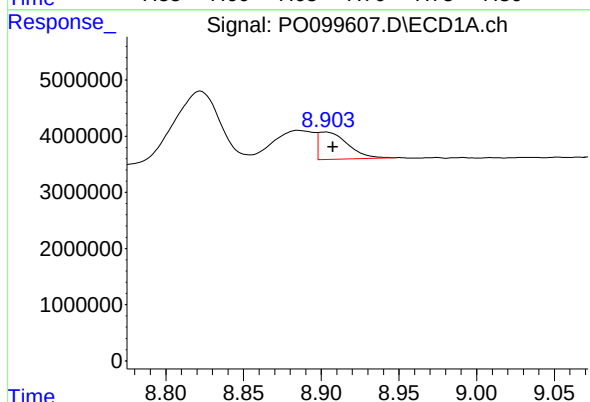
R.T.: 8.822 min
Delta R.T.: 0.012 min
Response: 26515115
Conc: 263.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



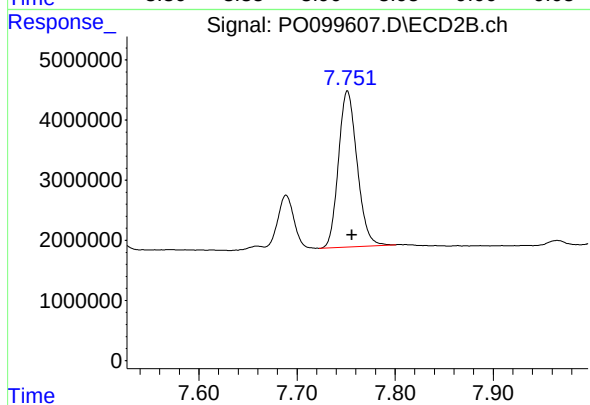
#41 AR-1268-1

R.T.: 7.689 min
Delta R.T.: -0.002 min
Response: 9611395
Conc: 87.43 ng/ml



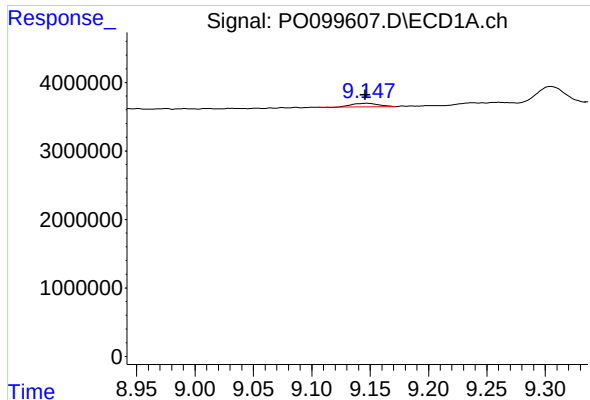
#42 AR-1268-2

R.T.: 8.903 min
Delta R.T.: -0.004 min
Response: 6391852
Conc: 75.35 ng/ml



#42 AR-1268-2

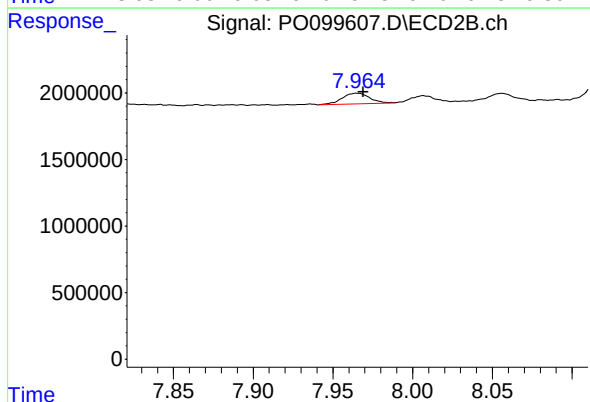
R.T.: 7.751 min
Delta R.T.: -0.005 min
Response: 34258177
Conc: 347.46 ng/ml



#43 AR-1268-3

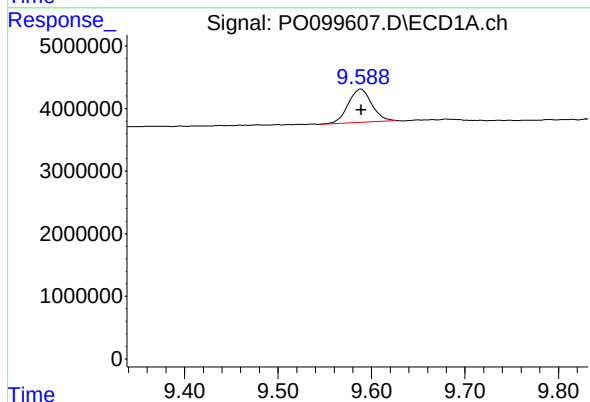
R.T.: 9.147 min
Delta R.T.: 0.001 min
Response: 791934
Conc: 9.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



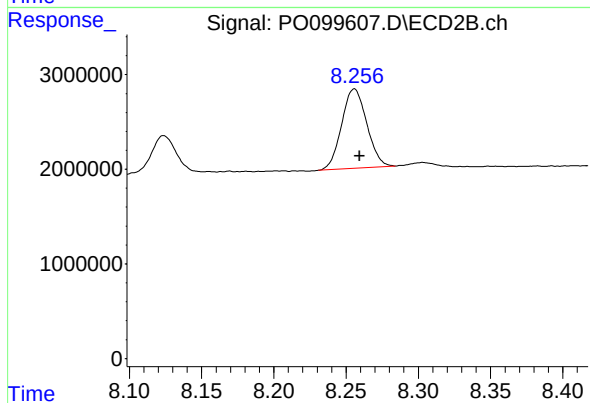
#43 AR-1268-3

R.T.: 7.965 min
Delta R.T.: -0.004 min
Response: 949381
Conc: 10.03 ng/ml



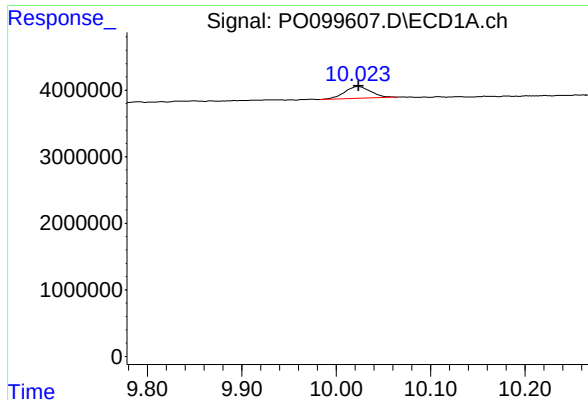
#44 AR-1268-4

R.T.: 9.589 min
Delta R.T.: 0.000 min
Response: 9221779
Conc: 379.31 ng/ml



#44 AR-1268-4

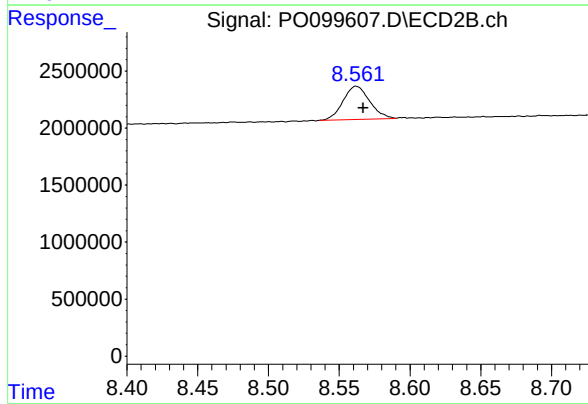
R.T.: 8.256 min
Delta R.T.: -0.004 min
Response: 10192256
Conc: 340.22 ng/ml



#45 AR-1268-5

R.T.: 10.024 min
Delta R.T.: 0.000 min
Response: 3392490
Conc: 15.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.562 min
Delta R.T.: -0.005 min
Response: 3827086
Conc: 15.21 ng/ml