

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0041825\
 Data File : P0110523.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Apr 2025 10:45
 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: Apr 18 13:33:02 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0041025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Apr 11 02:12:41 2025
 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...	3.688	3.685	465.8E6	261.5E6	53.240	52.407
2)	SA Decachlor...	8.731	8.683	379.9E6	94963497	48.118	49.332
Target Compounds							
3)	L1 AR-1016-1	4.779	4.764	171.6E6	89331825	522.912	508.986
4)	L1 AR-1016-2	4.798	4.783	239.7E6	128.5E6	526.848	510.832
5)	L1 AR-1016-3	4.854	4.958	164.0E6	67981135	508.355	500.926
6)	L1 AR-1016-4	4.975	5.000	129.4E6	55122862	519.347	481.979
7)	L1 AR-1016-5	5.231	5.213	138.6E6	73799672	515.253	495.054
8)	L2 AR-1221-1	3.899	3.893	19162050	9952596	162.343	149.053
9)	L2 AR-1221-2	3.987	3.980	26846769	14569246	303.890	290.825
10)	L2 AR-1221-3	4.062	4.055	92886733	51353538	353.014	344.261
11)	L3 AR-1232-1	4.062	4.055	92886733	51353538	453.496	446.460
12)	L3 AR-1232-2	4.556	4.783	125.9E6	128.5E6	1179.982	1158.641
13)	L3 AR-1232-3	4.798	4.958	239.7E6	67981135	1199.754	1188.417
14)	L3 AR-1232-4	4.975	5.043	129.4E6	67194234	1264.955	1245.413
15)	L3 AR-1232-5	5.017	5.213	103.6E6	73799672	1503.332	1291.652
16)	L4 AR-1242-1	4.779	4.764	171.6E6	89331825	618.269	597.527
17)	L4 AR-1242-2	4.798	4.783	239.7E6	128.5E6	621.319	602.055
18)	L4 AR-1242-3	4.854	4.958	164.0E6	67981135	589.351	588.162
19)	L4 AR-1242-4	4.975	5.043	129.4E6	67194234	612.218	559.489
20)	L4 AR-1242-5	5.628	5.564	34460659	71118725	152.216	490.147 #
21)	L5 AR-1248-1	4.779	4.764	171.6E6	89331825	806.208	775.908
22)	L5 AR-1248-2	5.017	5.000	103.6E6	55122862	350.032	338.421
23)	L5 AR-1248-3	5.231	5.043	138.6E6	67194234	374.658	382.098
24)	L5 AR-1248-4	5.586	5.213	134.7E6	73799672	258.966	362.334 #
25)	L5 AR-1248-5	5.628	5.604	34460659	18344217	93.282	92.931
26)	L6 AR-1254-1	5.586	5.564	134.7E6	71118725	241.349	235.884
27)	L6 AR-1254-2	5.735	5.712	96678284	51530662	199.048	194.687
28)	L6 AR-1254-3	6.156	6.129	182.9E6	91307706	233.544	226.336
29)	L6 AR-1254-4	6.369	6.341	27815994	12483677	57.046	54.345
30)	L6 AR-1254-5	6.788	6.758	322.5E6	150.7E6	460.070	453.626
31)	L7 AR-1260-1	6.271	6.244	244.7E6	121.9E6	517.946	495.551
32)	L7 AR-1260-2	6.460	6.432	301.5E6	143.2E6	514.085	490.748
33)	L7 AR-1260-3	6.828	6.585	252.5E6	131.4E6	512.385	485.113
34)	L7 AR-1260-4	7.088	7.056	215.3E6	98651051	507.181	491.682
35)	L7 AR-1260-5	7.329	7.297	534.8E6	228.9E6	512.560	498.899
36)	L8 AR-1262-1	6.828	6.797	252.5E6	118.1E6	360.022	358.462
37)	L8 AR-1262-2	7.329	7.297	534.8E6	228.9E6	442.846	450.232
38)	L8 AR-1262-3	7.614	7.579	120.5E6	50784768	236.616	262.277
39)	L8 AR-1262-4	7.677	7.642	377.1E6	152.2E6	420.792	438.623
40)	L8 AR-1262-5	8.174	8.136	134.9E6	44540639	334.629	357.483
41)	L9 AR-1268-1	7.614	7.579	120.5E6	50784768	85.789	92.717

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0041825\
 Data File : P0110523.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Apr 2025 10:45
 Operator : YP/AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

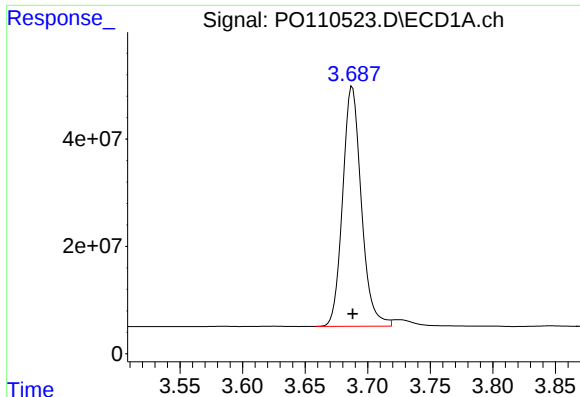
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 18 13:33:02 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0041025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Apr 11 02:12:41 2025
 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	7.677	7.642	377.1E6	152.2E6	294.703	305.988
43) L9	AR-1268-3	7.885	7.849	6120192	2337507	5.868	6.291
44) L9	AR-1268-4	8.174	8.136	134.9E6	44540639	303.617	315.581
45) L9	AR-1268-5	8.470	8.427	39384267	11282889	12.232	14.333

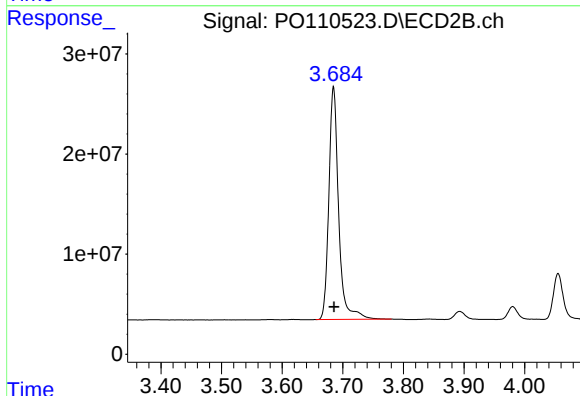
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

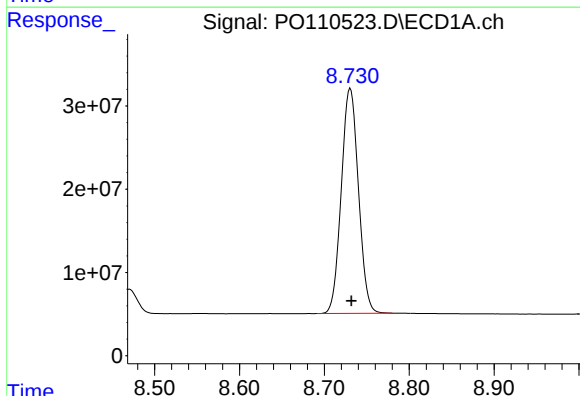
R.T.: 3.688 min
Delta R.T.: 0.000 min
Response: 465800557
Conc: 53.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



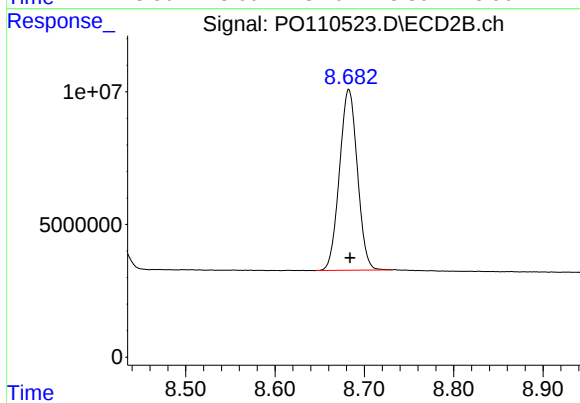
#1 Tetrachloro-m-xylene

R.T.: 3.685 min
Delta R.T.: -0.001 min
Response: 261497908
Conc: 52.41 ng/ml



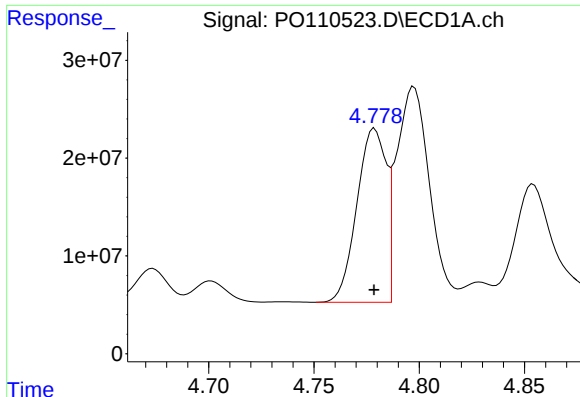
#2 Decachlorobiphenyl

R.T.: 8.731 min
Delta R.T.: -0.001 min
Response: 379887281
Conc: 48.12 ng/ml



#2 Decachlorobiphenyl

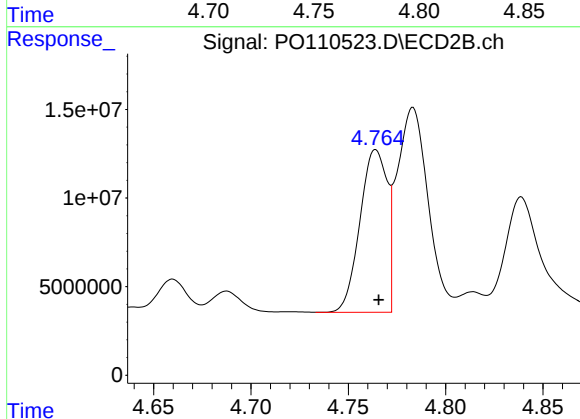
R.T.: 8.683 min
Delta R.T.: -0.002 min
Response: 94963497
Conc: 49.33 ng/ml



#3 AR-1016-1

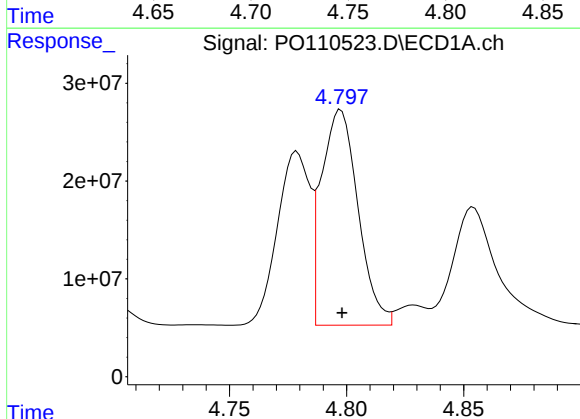
R.T.: 4.779 min
Delta R.T.: 0.000 min
Response: 171590343
Conc: 522.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



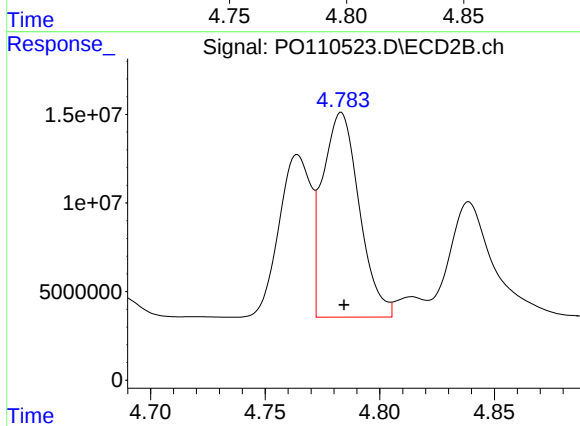
#3 AR-1016-1

R.T.: 4.764 min
Delta R.T.: -0.002 min
Response: 89331825
Conc: 508.99 ng/ml



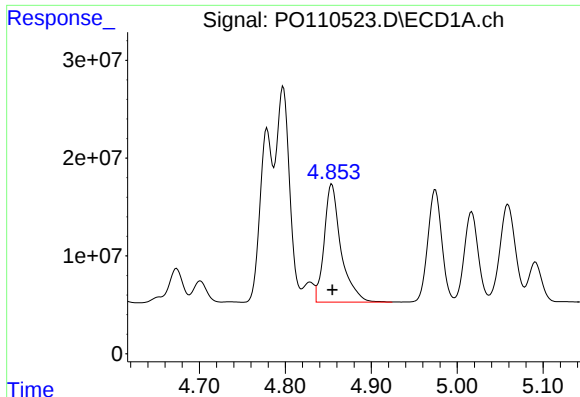
#4 AR-1016-2

R.T.: 4.798 min
Delta R.T.: 0.000 min
Response: 239688584
Conc: 526.85 ng/ml



#4 AR-1016-2

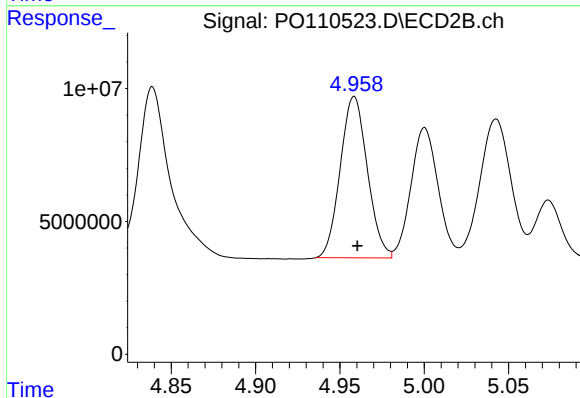
R.T.: 4.783 min
Delta R.T.: -0.001 min
Response: 128456419
Conc: 510.83 ng/ml



#5 AR-1016-3

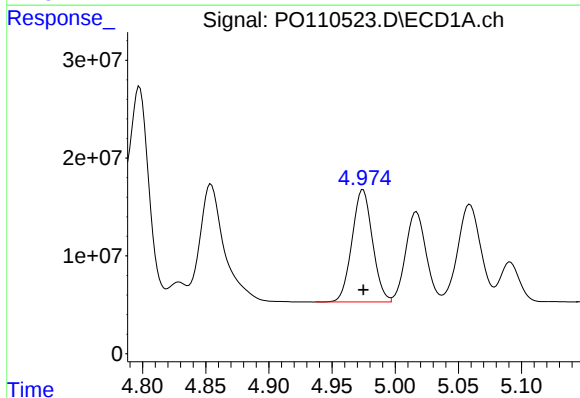
R.T.: 4.854 min
Delta R.T.: 0.000 min
Response: 163958617
Conc: 508.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



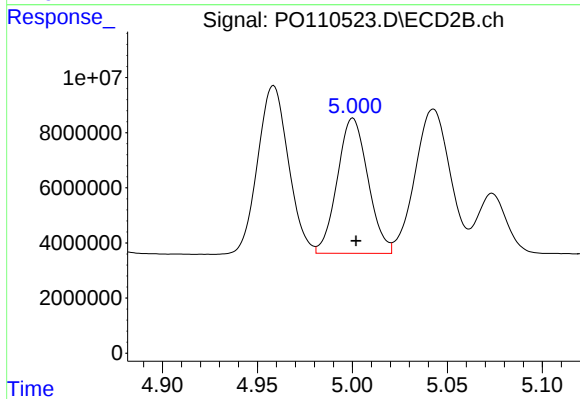
#5 AR-1016-3

R.T.: 4.958 min
Delta R.T.: -0.002 min
Response: 67981135
Conc: 500.93 ng/ml



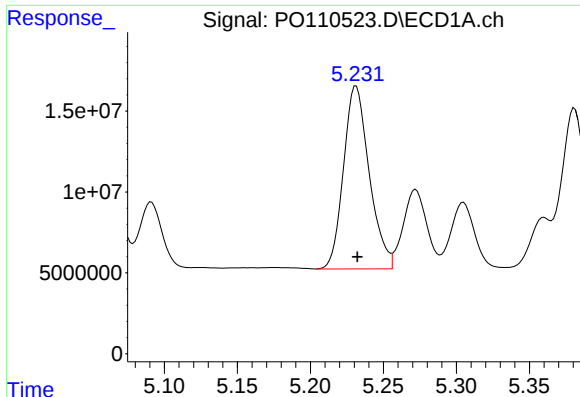
#6 AR-1016-4

R.T.: 4.975 min
Delta R.T.: 0.000 min
Response: 129402863
Conc: 519.35 ng/ml



#6 AR-1016-4

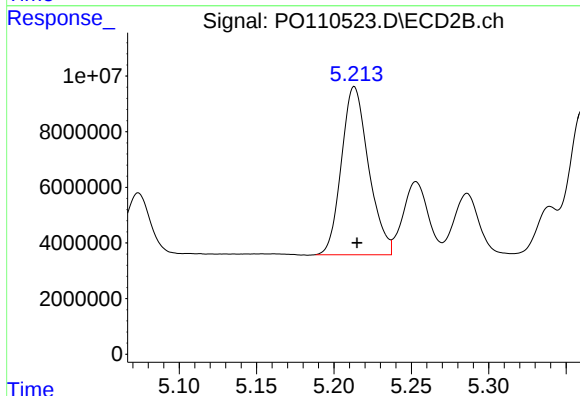
R.T.: 5.000 min
Delta R.T.: -0.002 min
Response: 55122862
Conc: 481.98 ng/ml



#7 AR-1016-5

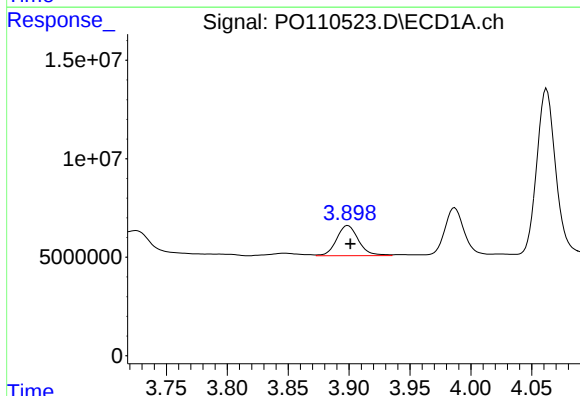
R.T.: 5.231 min
Delta R.T.: 0.000 min
Response: 138609070
Conc: 515.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



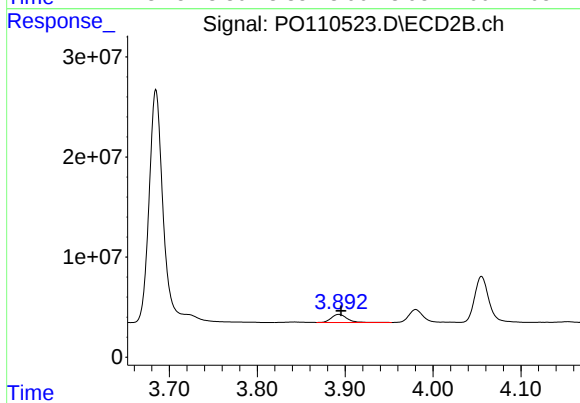
#7 AR-1016-5

R.T.: 5.213 min
Delta R.T.: -0.002 min
Response: 73799672
Conc: 495.05 ng/ml



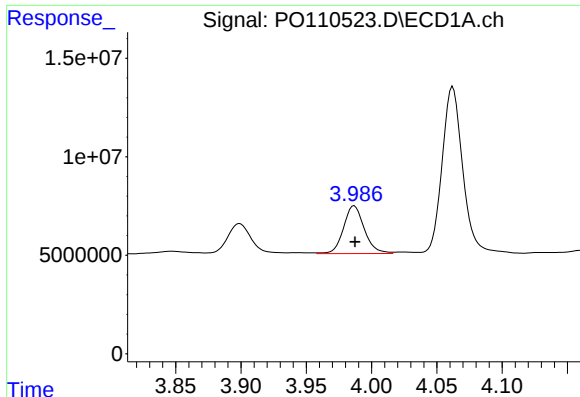
#8 AR-1221-1

R.T.: 3.899 min
Delta R.T.: -0.002 min
Response: 19162050
Conc: 162.34 ng/ml



#8 AR-1221-1

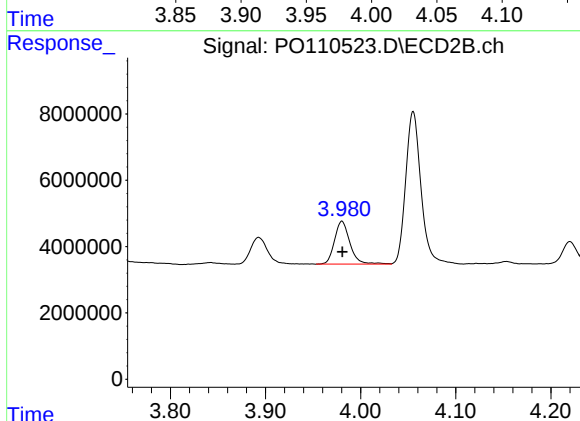
R.T.: 3.893 min
Delta R.T.: -0.003 min
Response: 9952596
Conc: 149.05 ng/ml



#9 AR-1221-2

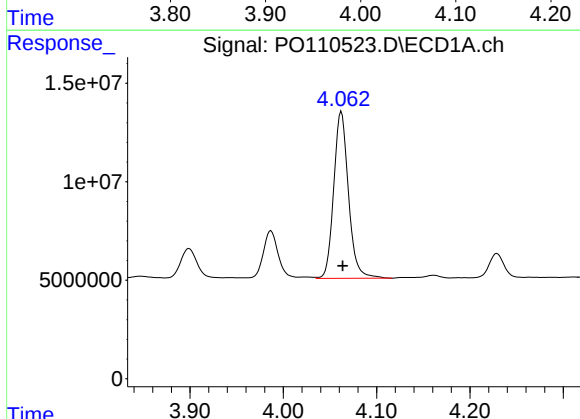
R.T.: 3.987 min
Delta R.T.: 0.000 min
Response: 26846769
Conc: 303.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



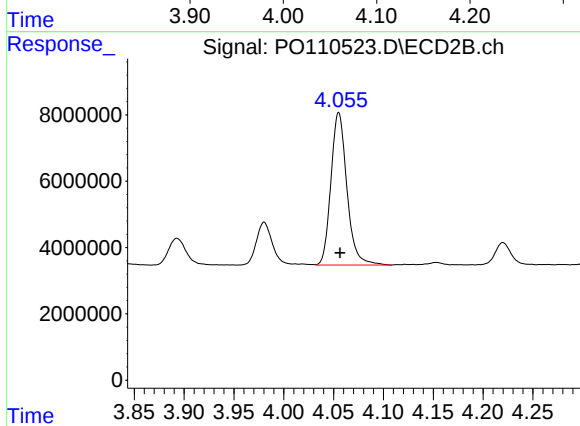
#9 AR-1221-2

R.T.: 3.980 min
Delta R.T.: 0.000 min
Response: 14569246
Conc: 290.82 ng/ml



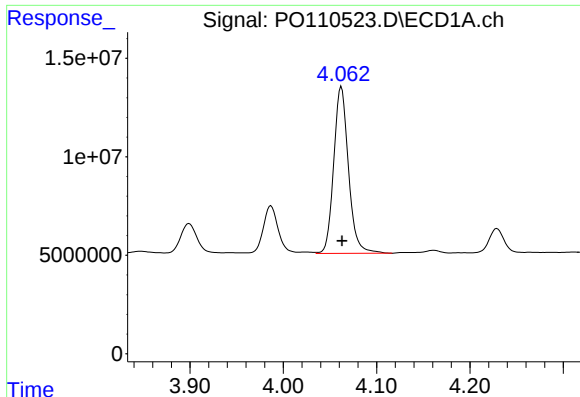
#10 AR-1221-3

R.T.: 4.062 min
Delta R.T.: -0.002 min
Response: 92886733
Conc: 353.01 ng/ml



#10 AR-1221-3

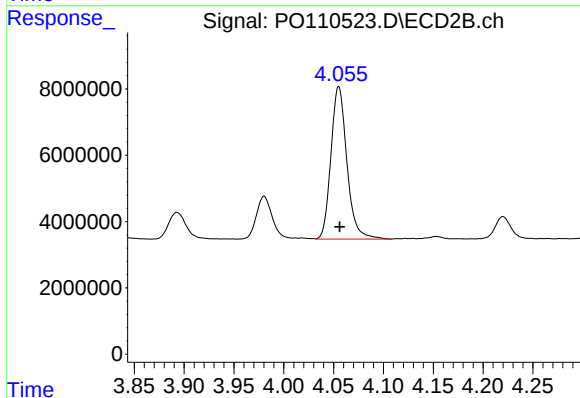
R.T.: 4.055 min
Delta R.T.: -0.001 min
Response: 51353538
Conc: 344.26 ng/ml



#11 AR-1232-1

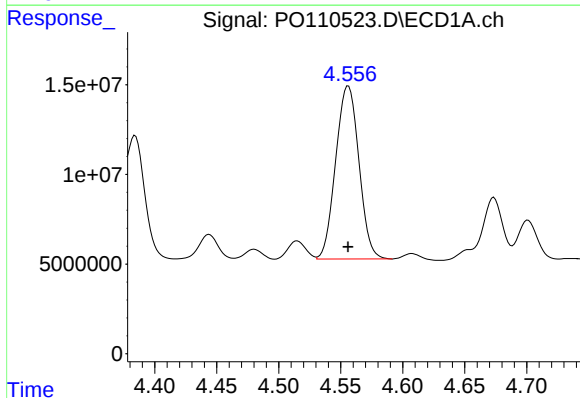
R.T.: 4.062 min
Delta R.T.: 0.000 min
Response: 92886733
Conc: 453.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



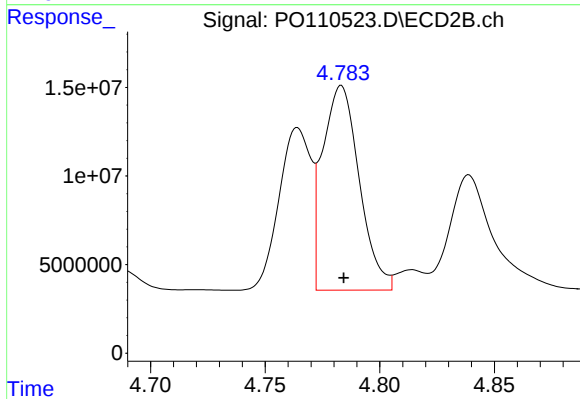
#11 AR-1232-1

R.T.: 4.055 min
Delta R.T.: -0.001 min
Response: 51353538
Conc: 446.46 ng/ml



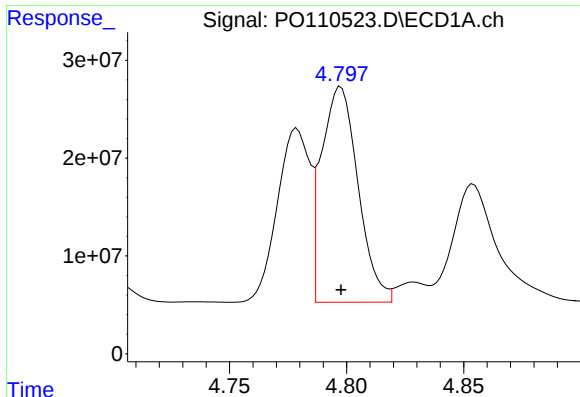
#12 AR-1232-2

R.T.: 4.556 min
Delta R.T.: 0.000 min
Response: 125914157
Conc: 1179.98 ng/ml



#12 AR-1232-2

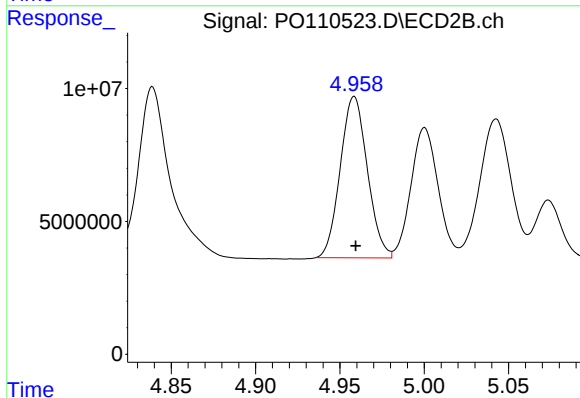
R.T.: 4.783 min
Delta R.T.: -0.001 min
Response: 128456419
Conc: 1158.64 ng/ml



#13 AR-1232-3

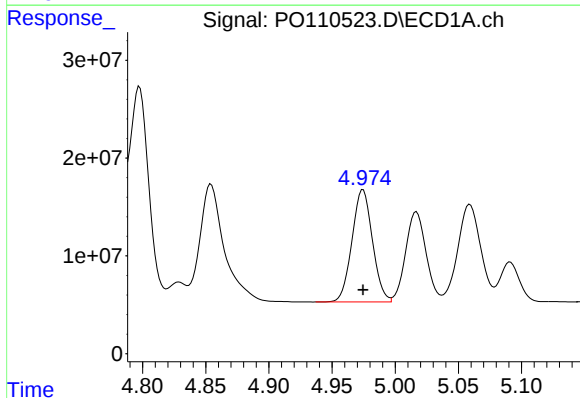
R.T.: 4.798 min
Delta R.T.: 0.000 min
Response: 239688584
Conc: 1199.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



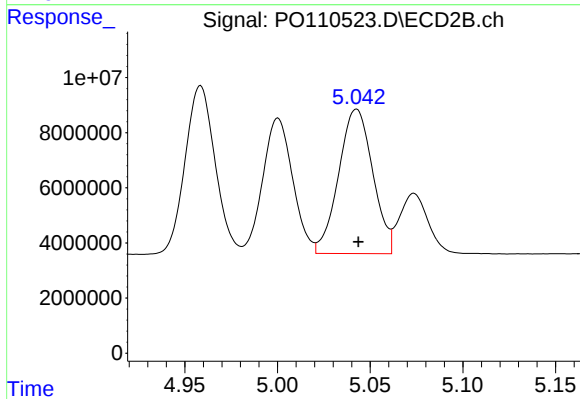
#13 AR-1232-3

R.T.: 4.958 min
Delta R.T.: 0.000 min
Response: 67981135
Conc: 1188.42 ng/ml



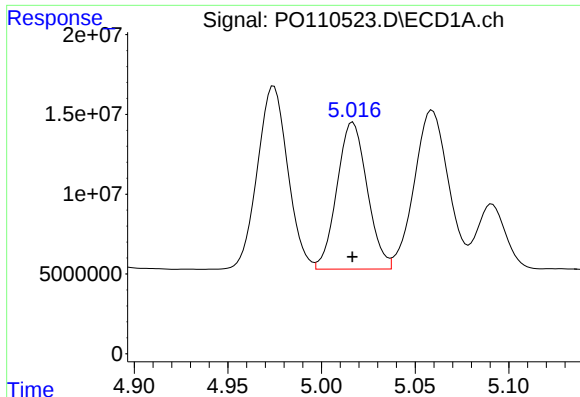
#14 AR-1232-4

R.T.: 4.975 min
Delta R.T.: 0.000 min
Response: 129402863
Conc: 1264.95 ng/ml



#14 AR-1232-4

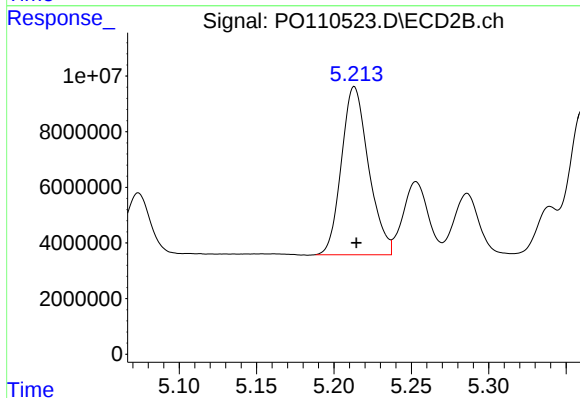
R.T.: 5.043 min
Delta R.T.: -0.001 min
Response: 67194234
Conc: 1245.41 ng/ml



#15 AR-1232-5

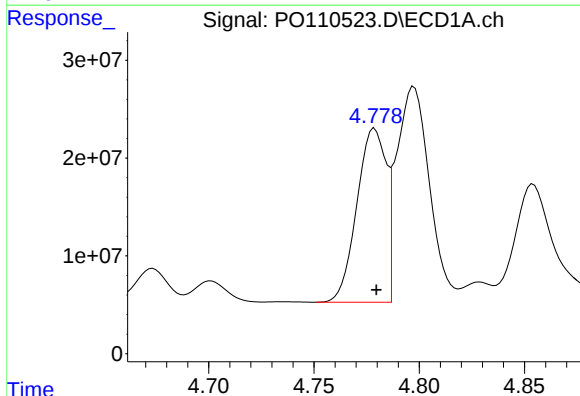
R.T.: 5.017 min
Delta R.T.: 0.000 min
Response: 103583143
Conc: 1503.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



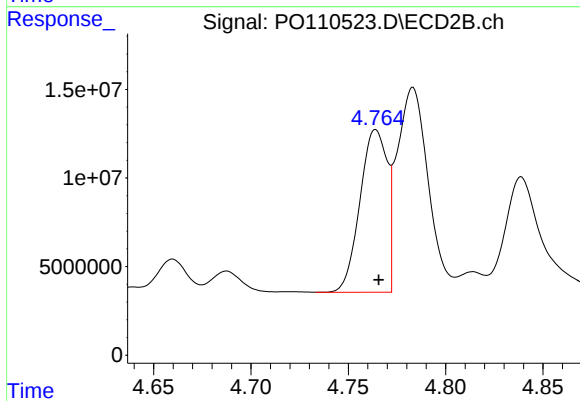
#15 AR-1232-5

R.T.: 5.213 min
Delta R.T.: -0.001 min
Response: 73799672
Conc: 1291.65 ng/ml



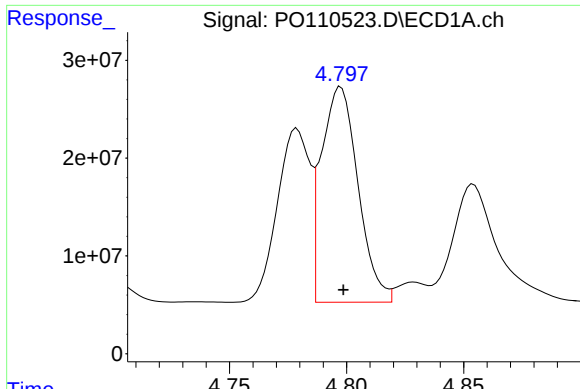
#16 AR-1242-1

R.T.: 4.779 min
Delta R.T.: 0.000 min
Response: 171590343
Conc: 618.27 ng/ml



#16 AR-1242-1

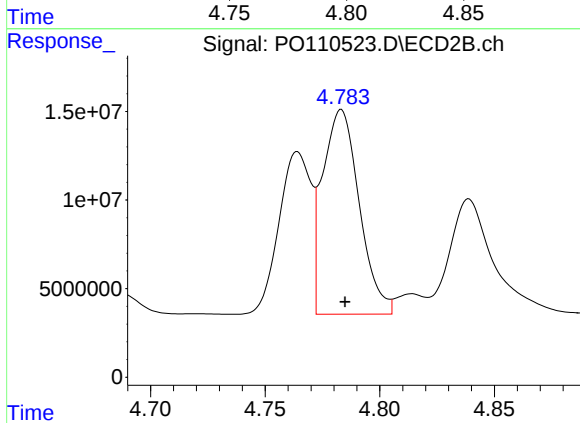
R.T.: 4.764 min
Delta R.T.: -0.002 min
Response: 89331825
Conc: 597.53 ng/ml



#17 AR-1242-2

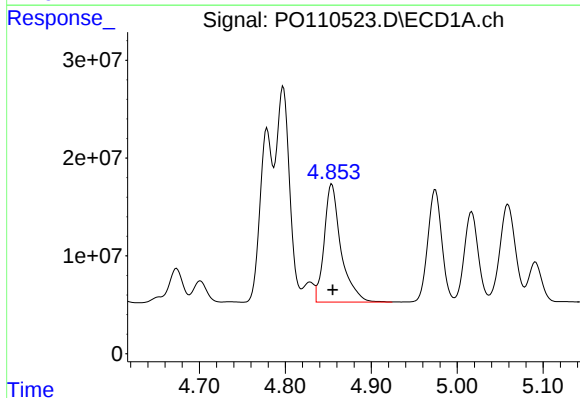
R.T.: 4.798 min
Delta R.T.: -0.001 min
Response: 239688584
Conc: 621.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



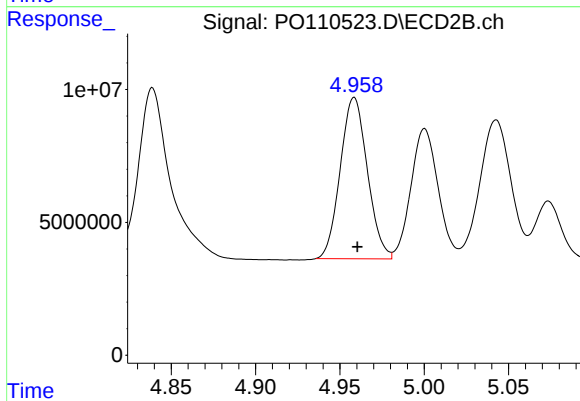
#17 AR-1242-2

R.T.: 4.783 min
Delta R.T.: -0.002 min
Response: 128456419
Conc: 602.06 ng/ml



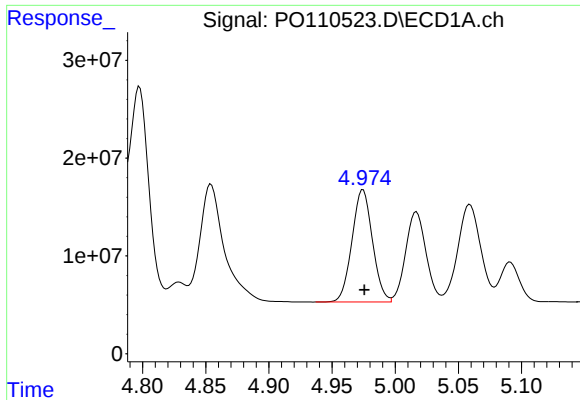
#18 AR-1242-3

R.T.: 4.854 min
Delta R.T.: -0.001 min
Response: 163958617
Conc: 589.35 ng/ml



#18 AR-1242-3

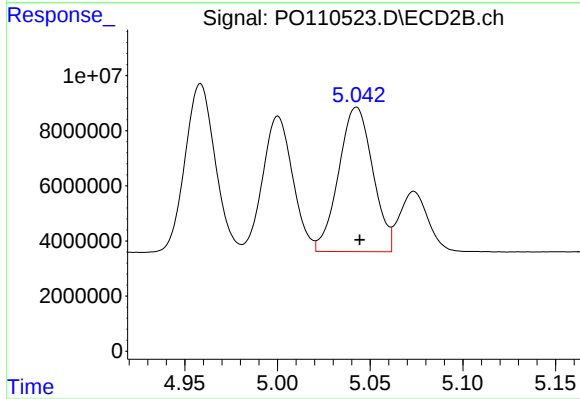
R.T.: 4.958 min
Delta R.T.: -0.002 min
Response: 67981135
Conc: 588.16 ng/ml



#19 AR-1242-4

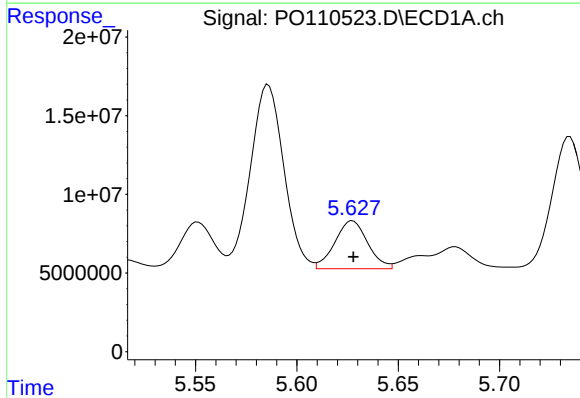
R.T.: 4.975 min
Delta R.T.: 0.000 min
Response: 129402863
Conc: 612.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



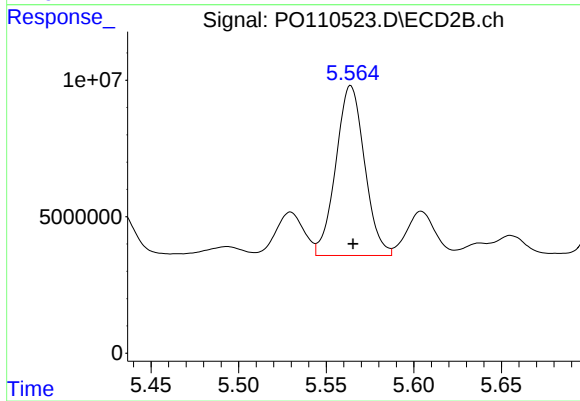
#19 AR-1242-4

R.T.: 5.043 min
Delta R.T.: -0.002 min
Response: 67194234
Conc: 559.49 ng/ml



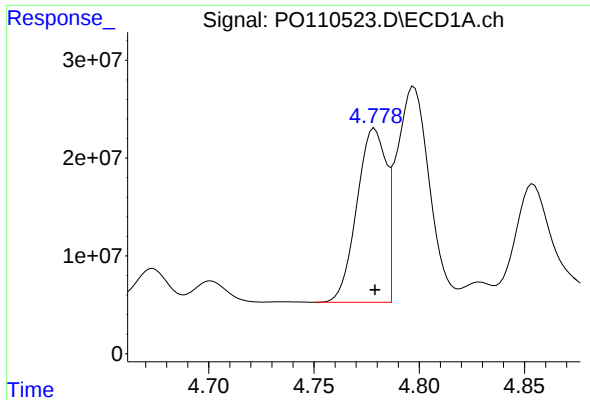
#20 AR-1242-5

R.T.: 5.628 min
Delta R.T.: 0.000 min
Response: 34460659
Conc: 152.22 ng/ml



#20 AR-1242-5

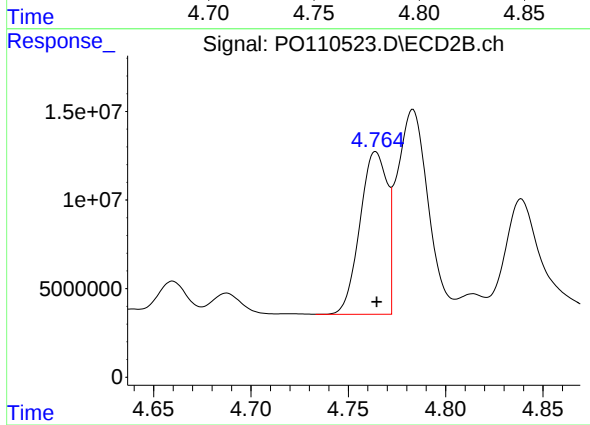
R.T.: 5.564 min
Delta R.T.: -0.001 min
Response: 71118725
Conc: 490.15 ng/ml



#21 AR-1248-1

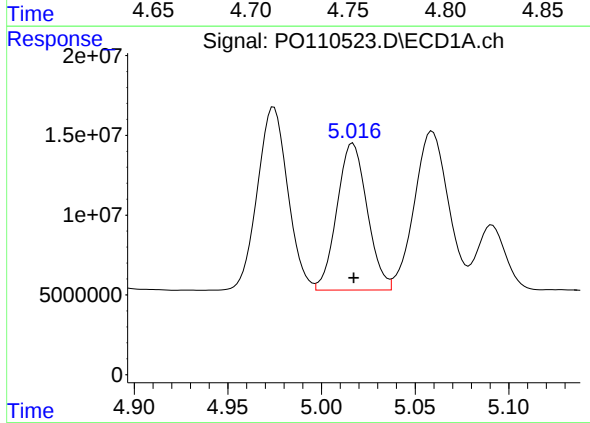
R.T.: 4.779 min
Delta R.T.: 0.000 min
Response: 171590343
Conc: 806.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



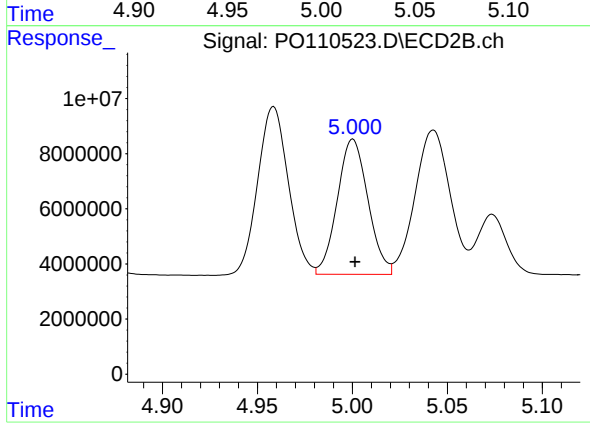
#21 AR-1248-1

R.T.: 4.764 min
Delta R.T.: 0.000 min
Response: 89331825
Conc: 775.91 ng/ml



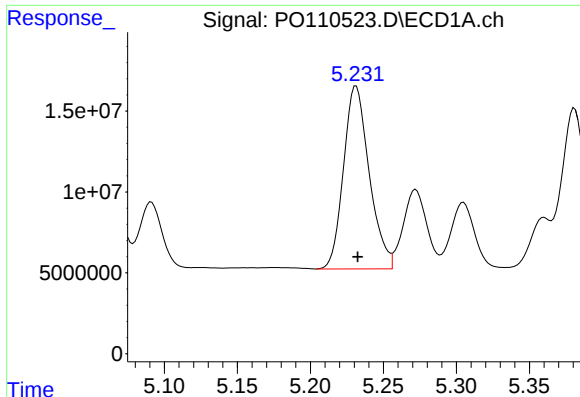
#22 AR-1248-2

R.T.: 5.017 min
Delta R.T.: 0.000 min
Response: 103583143
Conc: 350.03 ng/ml



#22 AR-1248-2

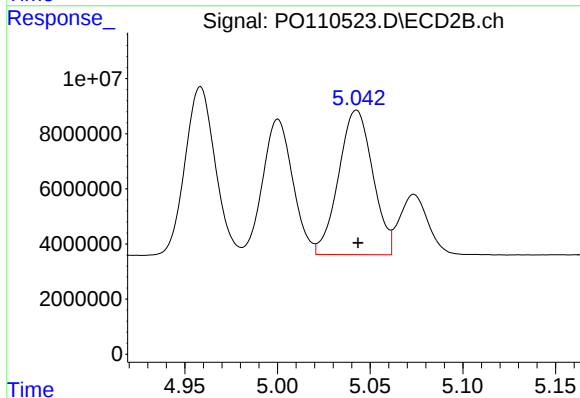
R.T.: 5.000 min
Delta R.T.: -0.001 min
Response: 55122862
Conc: 338.42 ng/ml



#23 AR-1248-3

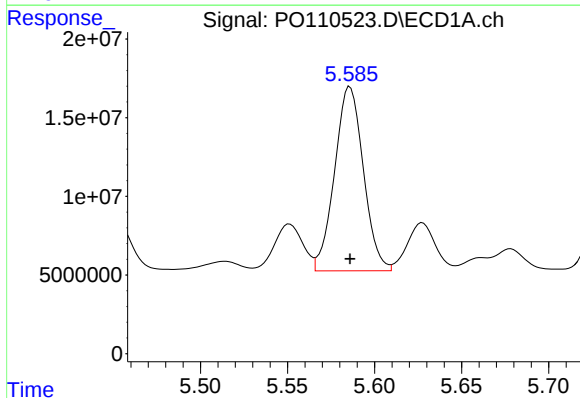
R.T.: 5.231 min
Delta R.T.: -0.001 min
Response: 138609070
Conc: 374.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



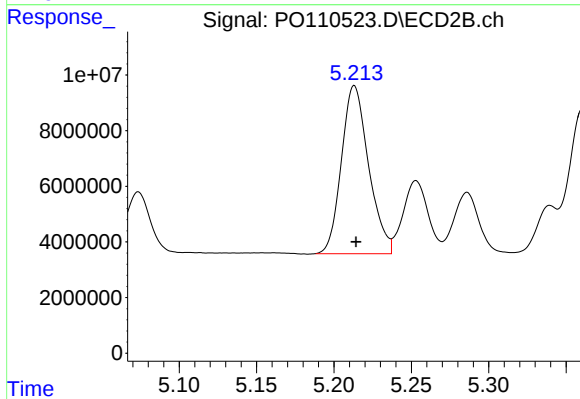
#23 AR-1248-3

R.T.: 5.043 min
Delta R.T.: 0.000 min
Response: 67194234
Conc: 382.10 ng/ml



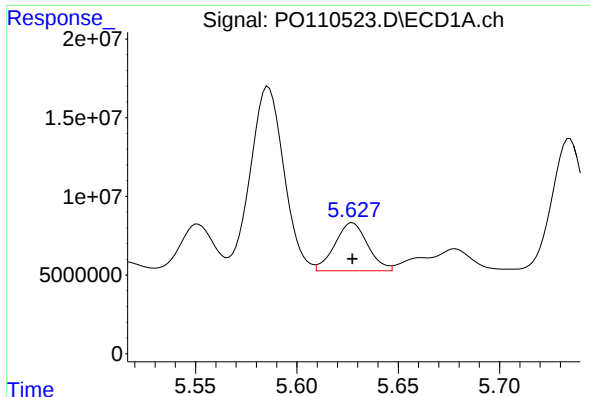
#24 AR-1248-4

R.T.: 5.586 min
Delta R.T.: 0.000 min
Response: 134670079
Conc: 258.97 ng/ml



#24 AR-1248-4

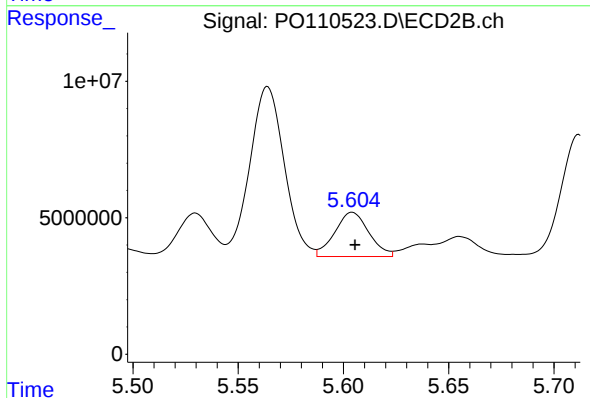
R.T.: 5.213 min
Delta R.T.: -0.001 min
Response: 73799672
Conc: 362.33 ng/ml



#25 AR-1248-5

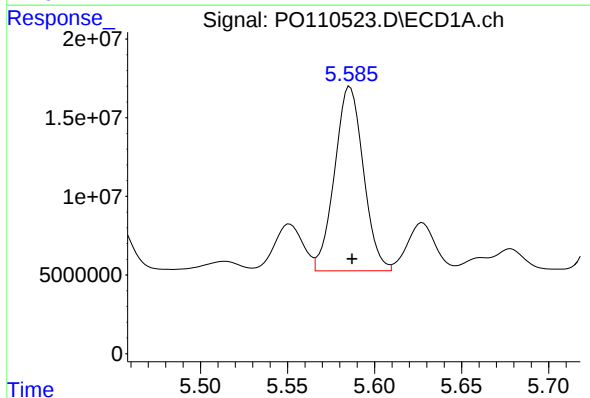
R.T.: 5.628 min
Delta R.T.: 0.000 min
Response: 34460659
Conc: 93.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



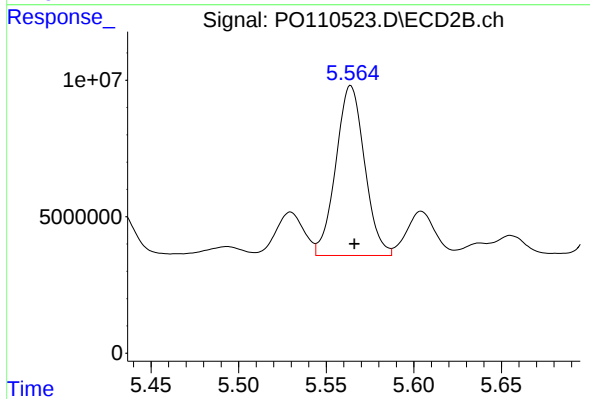
#25 AR-1248-5

R.T.: 5.604 min
Delta R.T.: -0.001 min
Response: 18344217
Conc: 92.93 ng/ml



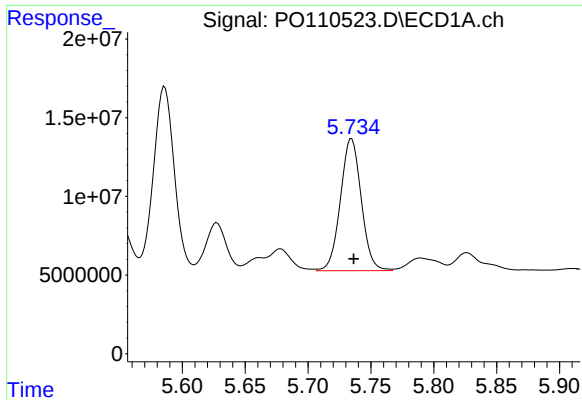
#26 AR-1254-1

R.T.: 5.586 min
Delta R.T.: -0.001 min
Response: 134670079
Conc: 241.35 ng/ml



#26 AR-1254-1

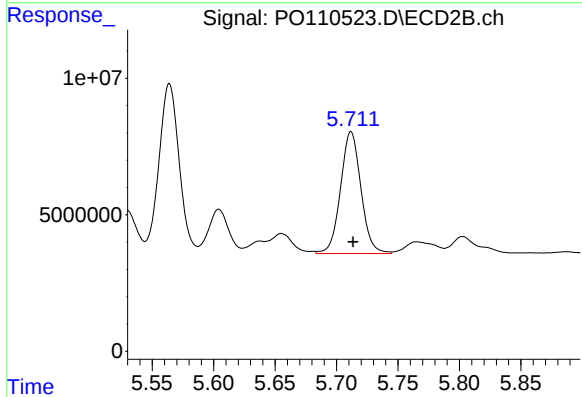
R.T.: 5.564 min
Delta R.T.: -0.002 min
Response: 71118725
Conc: 235.88 ng/ml



#27 AR-1254-2

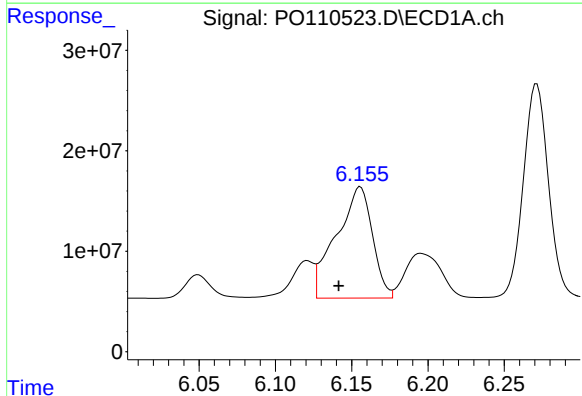
R.T.: 5.735 min
Delta R.T.: -0.002 min
Response: 96678284
Conc: 199.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



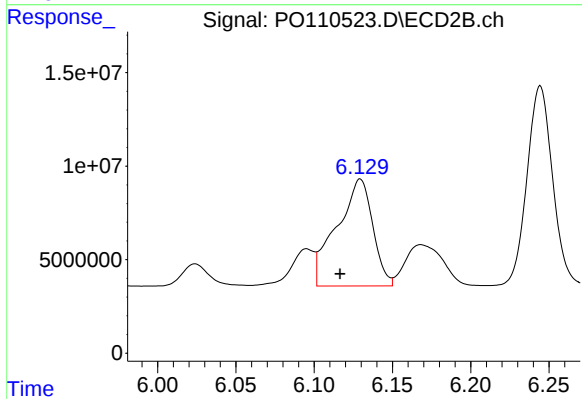
#27 AR-1254-2

R.T.: 5.712 min
Delta R.T.: -0.002 min
Response: 51530662
Conc: 194.69 ng/ml



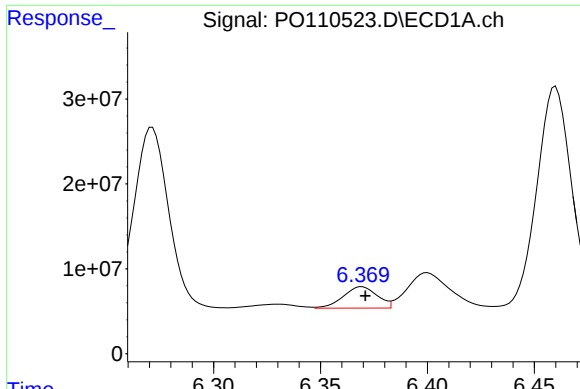
#28 AR-1254-3

R.T.: 6.156 min
Delta R.T.: 0.014 min
Response: 182917040
Conc: 233.54 ng/ml



#28 AR-1254-3

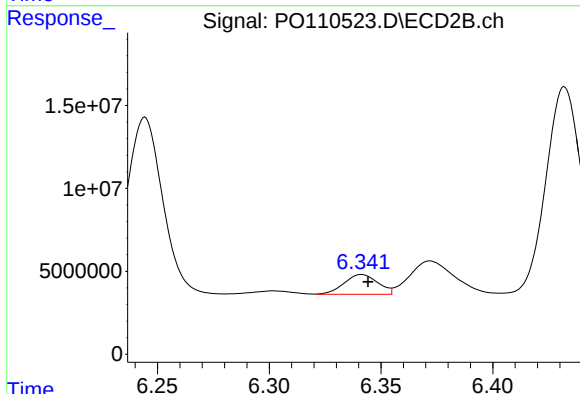
R.T.: 6.129 min
Delta R.T.: 0.013 min
Response: 91307706
Conc: 226.34 ng/ml



#29 AR-1254-4

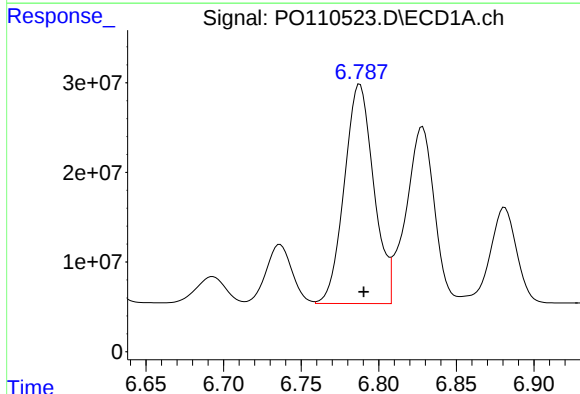
R.T.: 6.369 min
Delta R.T.: -0.002 min
Response: 27815994
Conc: 57.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



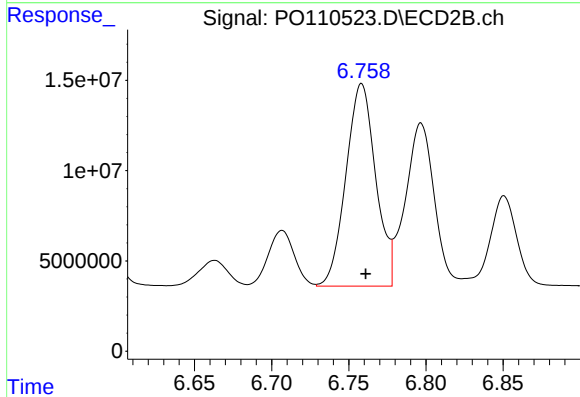
#29 AR-1254-4

R.T.: 6.341 min
Delta R.T.: -0.003 min
Response: 12483677
Conc: 54.34 ng/ml



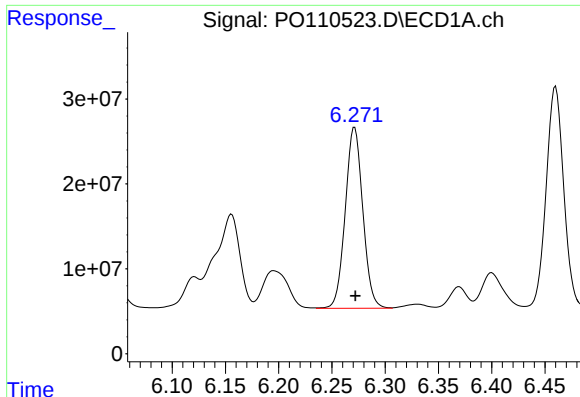
#30 AR-1254-5

R.T.: 6.788 min
Delta R.T.: -0.003 min
Response: 322462704
Conc: 460.07 ng/ml



#30 AR-1254-5

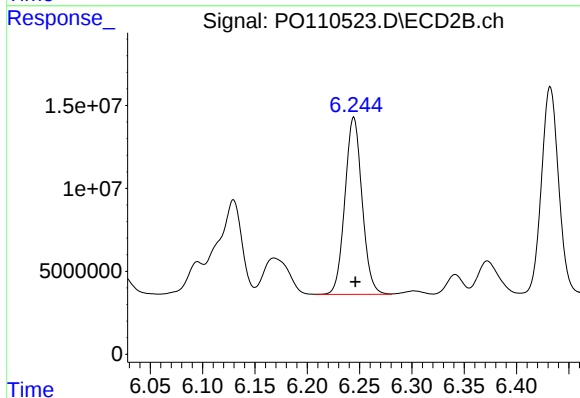
R.T.: 6.758 min
Delta R.T.: -0.003 min
Response: 150736200
Conc: 453.63 ng/ml



#31 AR-1260-1

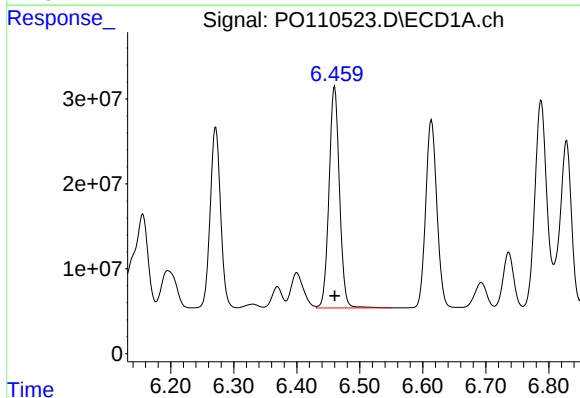
R.T.: 6.271 min
Delta R.T.: 0.000 min
Response: 244701342
Conc: 517.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



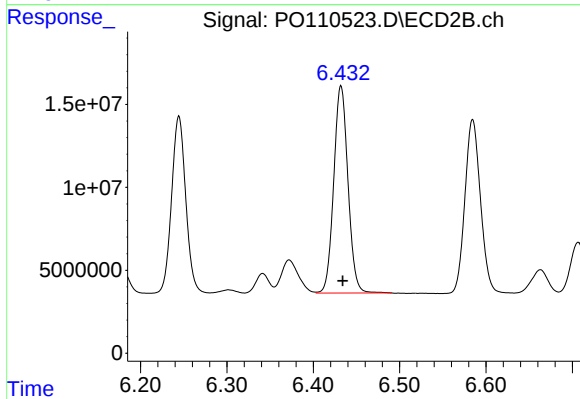
#31 AR-1260-1

R.T.: 6.244 min
Delta R.T.: -0.001 min
Response: 121887437
Conc: 495.55 ng/ml



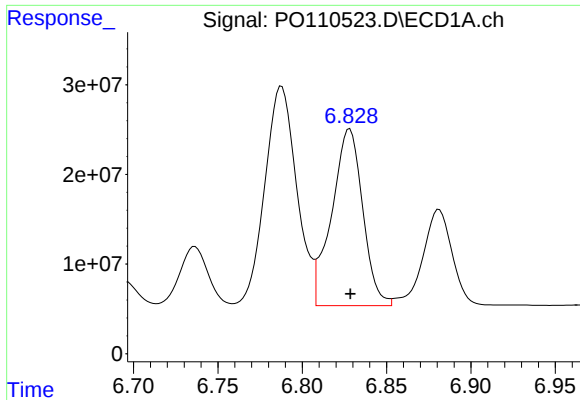
#32 AR-1260-2

R.T.: 6.460 min
Delta R.T.: 0.000 min
Response: 301472028
Conc: 514.09 ng/ml



#32 AR-1260-2

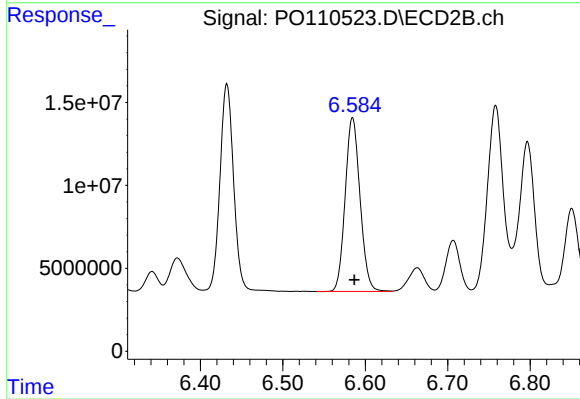
R.T.: 6.432 min
Delta R.T.: -0.002 min
Response: 143176160
Conc: 490.75 ng/ml



#33 AR-1260-3

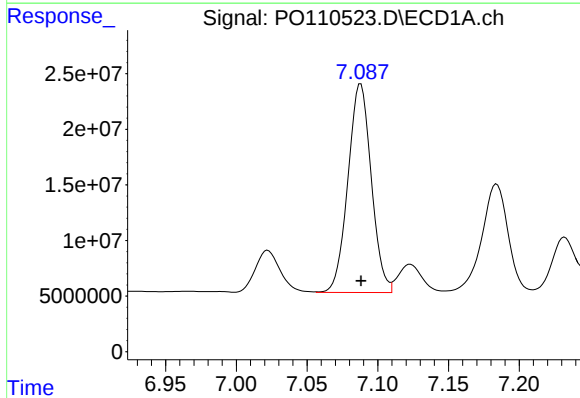
R.T.: 6.828 min
Delta R.T.: 0.000 min
Response: 252540371
Conc: 512.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



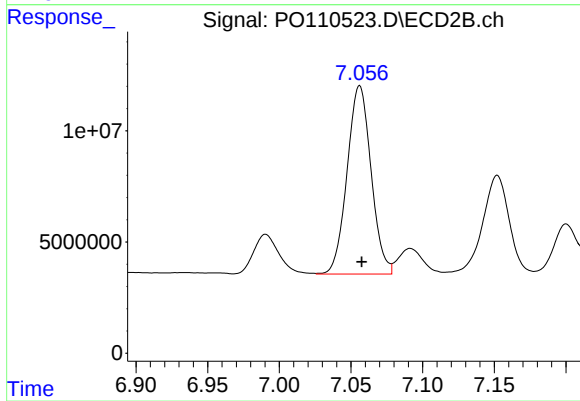
#33 AR-1260-3

R.T.: 6.585 min
Delta R.T.: -0.002 min
Response: 131409471
Conc: 485.11 ng/ml



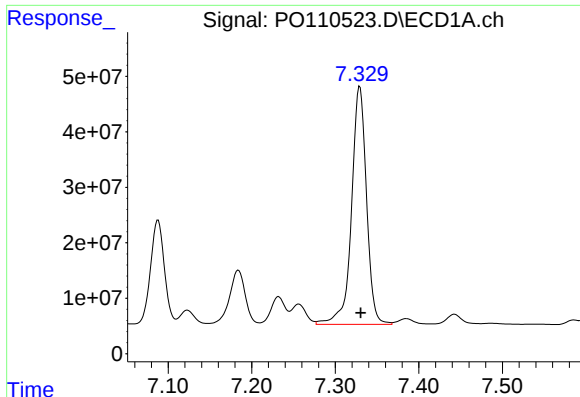
#34 AR-1260-4

R.T.: 7.088 min
Delta R.T.: 0.000 min
Response: 215259247
Conc: 507.18 ng/ml



#34 AR-1260-4

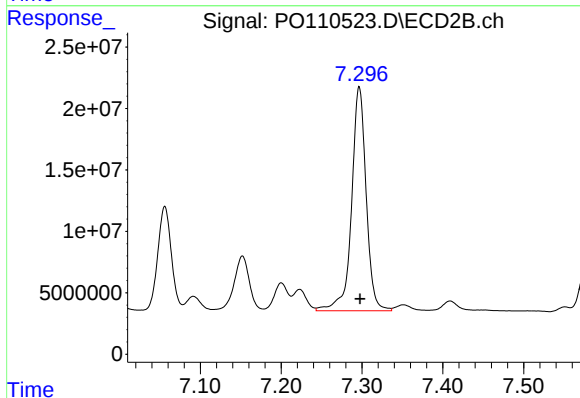
R.T.: 7.056 min
Delta R.T.: -0.001 min
Response: 98651051
Conc: 491.68 ng/ml



#35 AR-1260-5

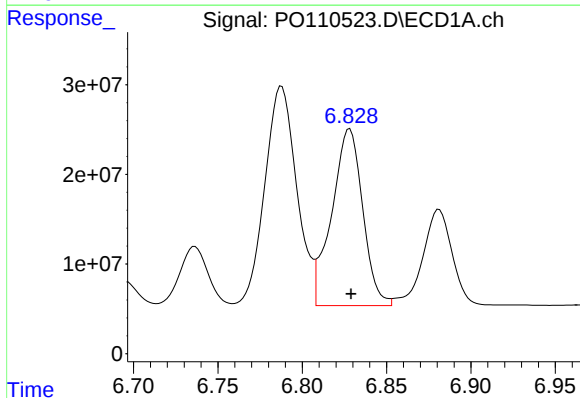
R.T.: 7.329 min
Delta R.T.: -0.001 min
Response: 534841380
Conc: 512.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



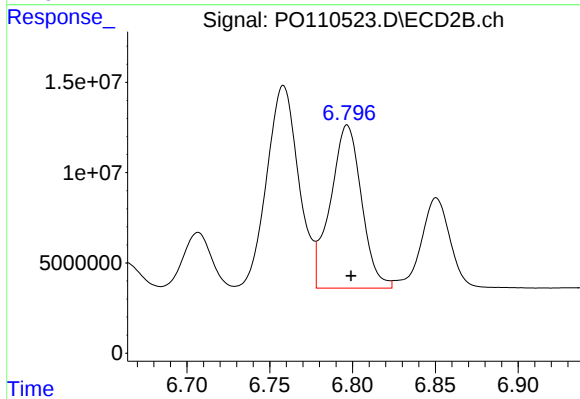
#35 AR-1260-5

R.T.: 7.297 min
Delta R.T.: 0.000 min
Response: 228923495
Conc: 498.90 ng/ml



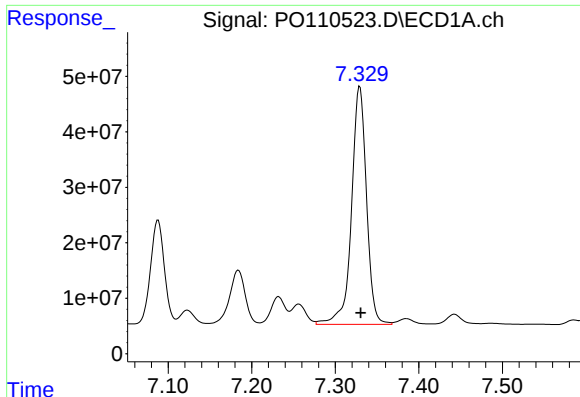
#36 AR-1262-1

R.T.: 6.828 min
Delta R.T.: 0.000 min
Response: 252540371
Conc: 360.02 ng/ml



#36 AR-1262-1

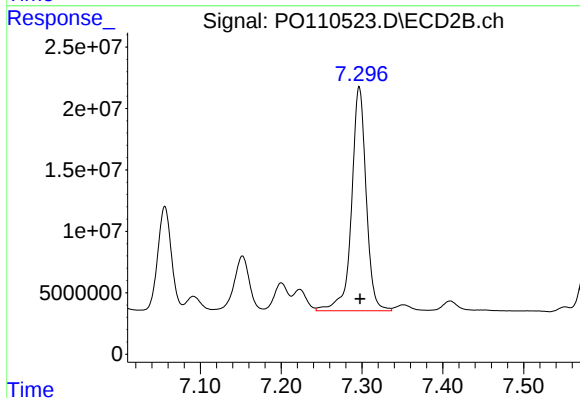
R.T.: 6.797 min
Delta R.T.: -0.002 min
Response: 118055526
Conc: 358.46 ng/ml



#37 AR-1262-2

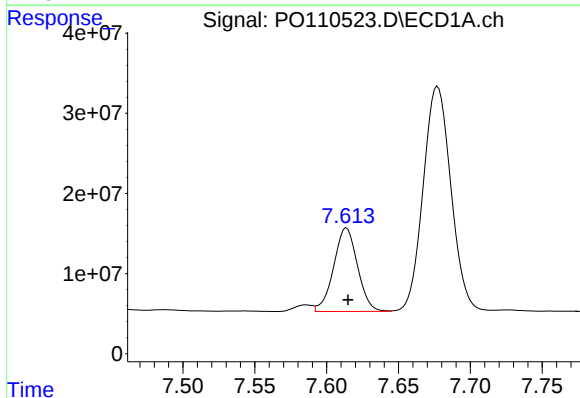
R.T.: 7.329 min
Delta R.T.: -0.001 min
Response: 534841380
Conc: 442.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



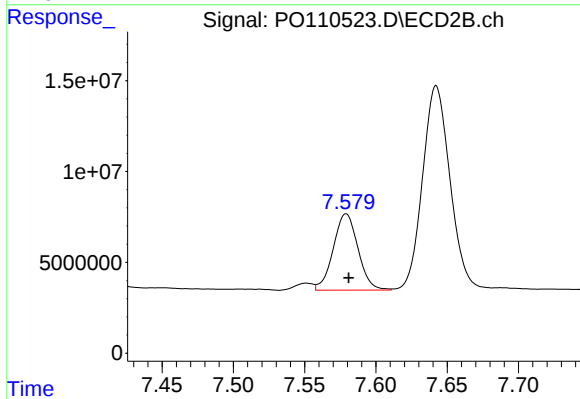
#37 AR-1262-2

R.T.: 7.297 min
Delta R.T.: -0.001 min
Response: 228923495
Conc: 450.23 ng/ml



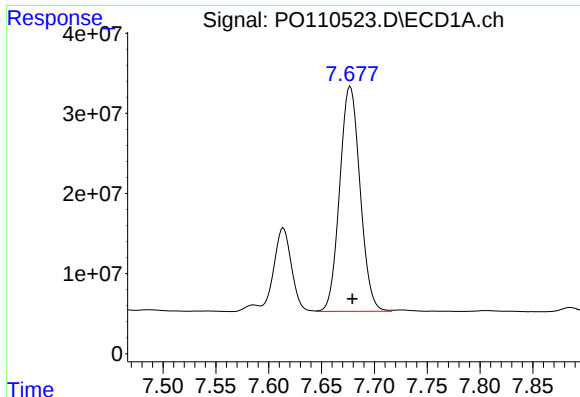
#38 AR-1262-3

R.T.: 7.614 min
Delta R.T.: -0.001 min
Response: 120462147
Conc: 236.62 ng/ml



#38 AR-1262-3

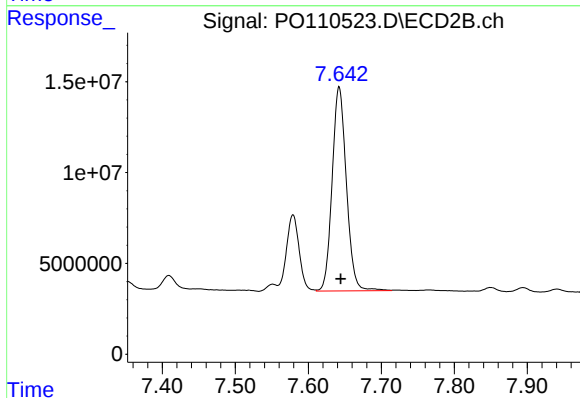
R.T.: 7.579 min
Delta R.T.: -0.002 min
Response: 50784768
Conc: 262.28 ng/ml



#39 AR-1262-4

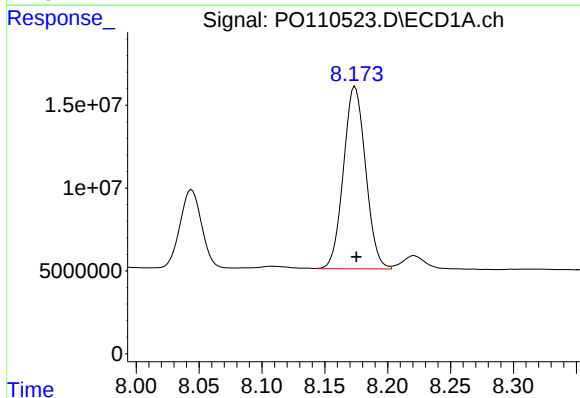
R.T.: 7.677 min
Delta R.T.: -0.002 min
Response: 377144603
Conc: 420.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



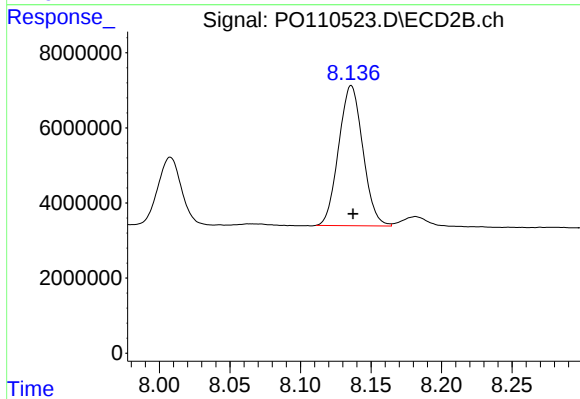
#39 AR-1262-4

R.T.: 7.642 min
Delta R.T.: -0.002 min
Response: 152225681
Conc: 438.62 ng/ml



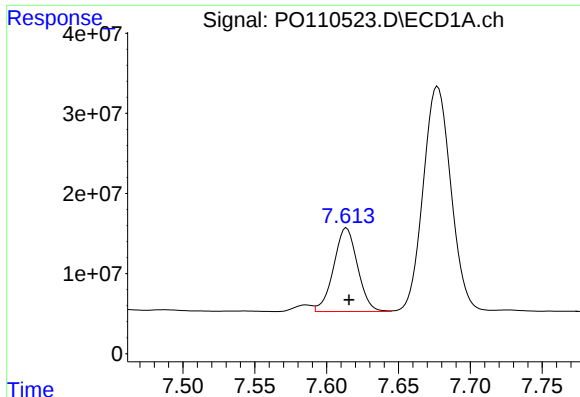
#40 AR-1262-5

R.T.: 8.174 min
Delta R.T.: -0.001 min
Response: 134853604
Conc: 334.63 ng/ml



#40 AR-1262-5

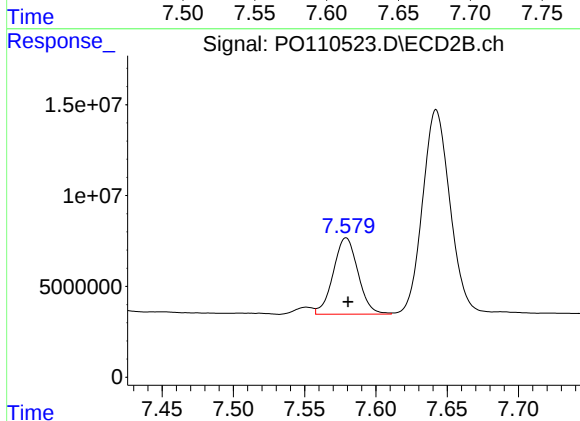
R.T.: 8.136 min
Delta R.T.: -0.001 min
Response: 44540639
Conc: 357.48 ng/ml



#41 AR-1268-1

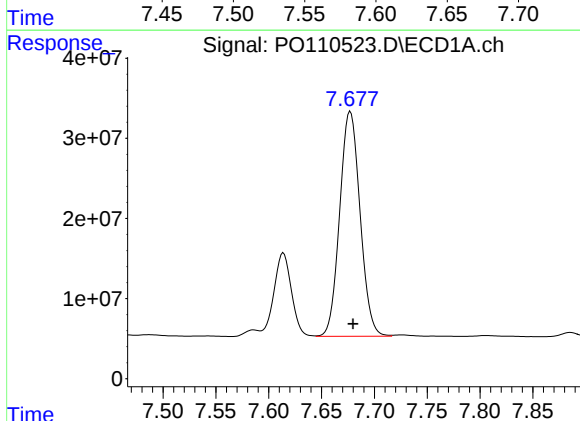
R.T.: 7.614 min
Delta R.T.: -0.002 min
Response: 120462147
Conc: 85.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



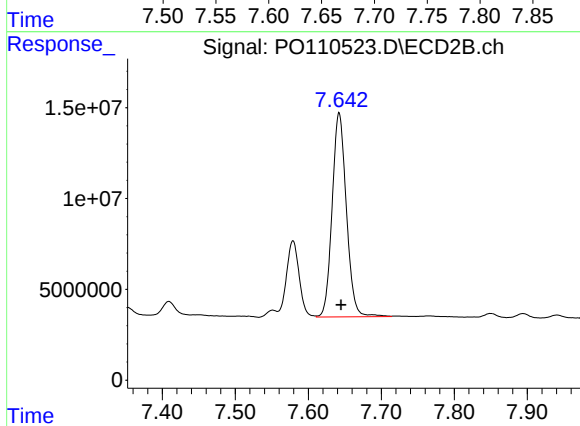
#41 AR-1268-1

R.T.: 7.579 min
Delta R.T.: -0.001 min
Response: 50784768
Conc: 92.72 ng/ml



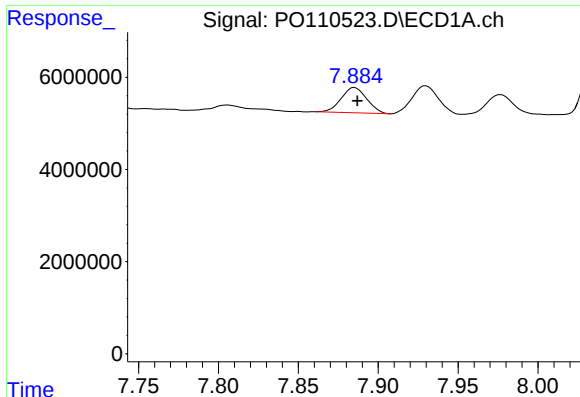
#42 AR-1268-2

R.T.: 7.677 min
Delta R.T.: -0.003 min
Response: 377144603
Conc: 294.70 ng/ml



#42 AR-1268-2

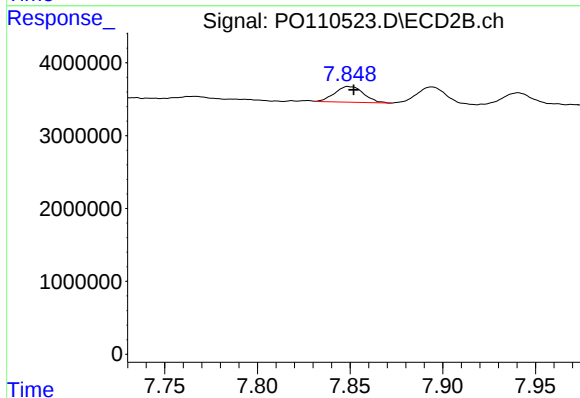
R.T.: 7.642 min
Delta R.T.: -0.003 min
Response: 152225681
Conc: 305.99 ng/ml



#43 AR-1268-3

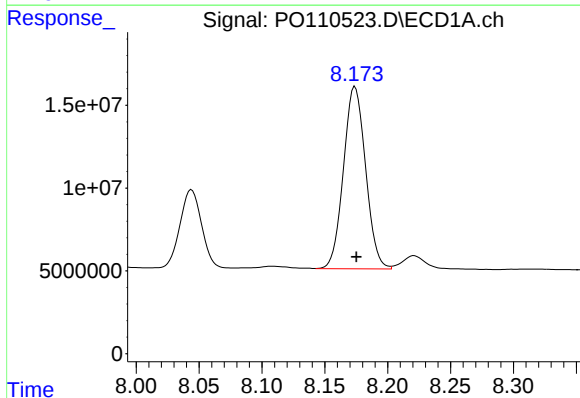
R.T.: 7.885 min
Delta R.T.: -0.002 min
Response: 6120192
Conc: 5.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



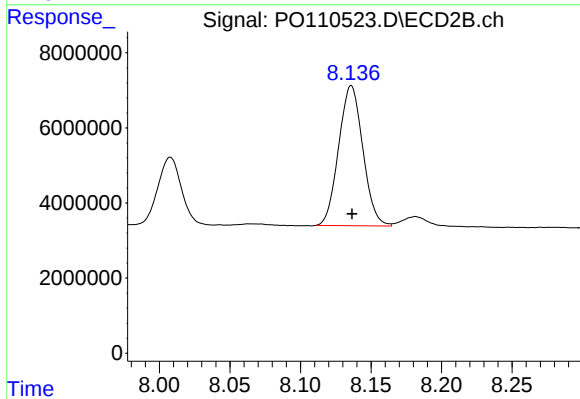
#43 AR-1268-3

R.T.: 7.849 min
Delta R.T.: -0.003 min
Response: 2337507
Conc: 6.29 ng/ml



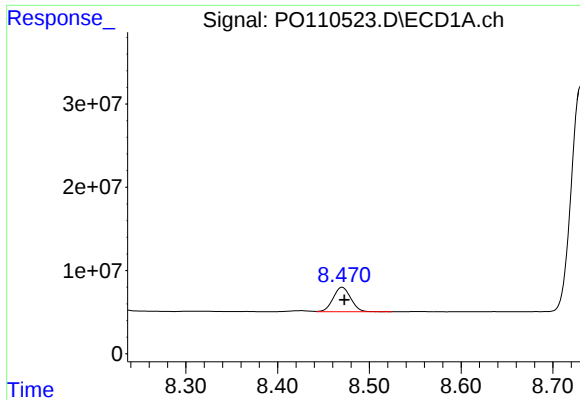
#44 AR-1268-4

R.T.: 8.174 min
Delta R.T.: -0.001 min
Response: 134853604
Conc: 303.62 ng/ml



#44 AR-1268-4

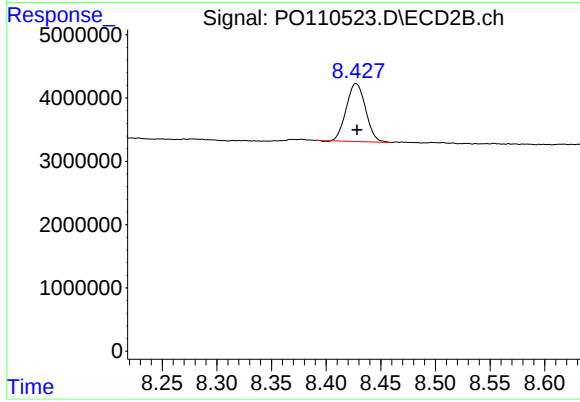
R.T.: 8.136 min
Delta R.T.: 0.000 min
Response: 44540639
Conc: 315.58 ng/ml



#45 AR-1268-5

R.T.: 8.470 min
Delta R.T.: -0.002 min
Response: 39384267
Conc: 12.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.427 min
Delta R.T.: 0.000 min
Response: 11282889
Conc: 14.33 ng/ml