

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0051925\
 Data File : P0111180.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 May 2025 16:59
 Operator : YP/AJ
 Sample : AR1248CCC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 20 02:24:07 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0051525.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 15 07:11:53 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...	3.681	3.678	305.9E6	269.5E6	52.003	49.433
2) SA Decachlor...	8.724	8.673	257.4E6	90040476	49.855	48.667
Target Compounds						
3) L1 AR-1016-1	4.771	4.757	75702136	62504192	336.371	327.372
4) L1 AR-1016-2	4.790	4.776	79624158	66143764	249.657	238.679
5) L1 AR-1016-3	4.847	4.952	48504194	42735559	223.394	292.559 #
6) L1 AR-1016-4	4.968	4.993	52135791	84801442	299.376	706.156 #
7) L1 AR-1016-5	5.224	5.206	124.3E6	105.5E6	706.356	683.242
8) L2 AR-1221-1	3.892	3.887	789320	757510	9.062	10.258
9) L2 AR-1221-2	3.982	3.976	5986113	4610024	93.968	84.721
10) L2 AR-1221-3	4.056	4.048	6811364	5483224	35.415	32.814
11) L3 AR-1232-1	4.056	4.048	6811364	5483224	44.468	41.986
12) L3 AR-1232-2	4.548	4.776	32570349	66143764	397.459	504.297 #
13) L3 AR-1232-3	4.790	4.952	79624158	42735559	520.668	627.802
14) L3 AR-1232-4	4.968	5.035	52135791	89893786	633.859	1457.508 #
15) L3 AR-1232-5	5.010	5.206	98863883	105.5E6	1822.063	1604.880
16) L4 AR-1242-1	4.771	4.757	75702136	62504192	395.932	387.967
17) L4 AR-1242-2	4.790	4.776	79624158	66143764	292.720	281.935
18) L4 AR-1242-3	4.847	4.952	48504194	42735559	260.794	345.705 #
19) L4 AR-1242-4	4.968	5.035	52135791	89893786	352.745	727.206 #
20) L4 AR-1242-5	5.620	5.556	126.9E6	145.9E6	816.063	959.675
21) L5 AR-1248-1	4.771	4.757	75702136	62504192	494.249	481.809
22) L5 AR-1248-2	5.010	4.993	98863883	84801442	493.043	482.123
23) L5 AR-1248-3	5.224	5.035	124.3E6	89893786	485.586	479.142
24) L5 AR-1248-4	5.578	5.206	175.9E6	105.5E6	485.761	479.862
25) L5 AR-1248-5	5.620	5.597	126.9E6	105.5E6	484.371	483.198
26) L6 AR-1254-1	5.578	5.556	175.9E6	145.9E6	463.502	450.125
27) L6 AR-1254-2	5.728	5.705	52174001	45221146	159.663	159.654
28) L6 AR-1254-3	6.133	6.107	80777069	64593971	153.527	149.713
29) L6 AR-1254-4	6.363	6.334	58428746	43035431	173.855	173.990
30) L6 AR-1254-5	6.783	6.751	21516032	14342802	45.349	41.460
31) L7 AR-1260-1	6.278	6.250	32487339	31454822	106.527	125.875
32) L7 AR-1260-2	6.454	6.425	6158969	4635127	16.083	15.750
33) L7 AR-1260-3	6.851	6.576	5459455	7651679	15.662	26.687 #
34) L7 AR-1260-4	7.084	7.050	1054109	744212	3.765	3.707
35) L7 AR-1260-5	7.324	7.289	3027011	2047777	4.205	4.455
36) L8 AR-1262-1	6.851	6.820	5459455	2853337	11.218	8.373 #
37) L8 AR-1262-2	7.324	7.289	3027011	2047777	3.744	4.072
38) L8 AR-1262-3	7.610	7.573	3247240	684112	9.600	3.646 #
39) L8 AR-1262-4	7.670	7.634	3285518	2182559	5.565	6.609
40) L8 AR-1262-5	8.171	8.130	765750	222776	2.685	1.984 #
41) L9 AR-1268-1	7.610	7.573	3247240	684112	3.349	1.291 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0051925\
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Integration File signal 1: autoint1.e
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 Quant Time: May 20 02:24:07 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0051525.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 15 07:11:53 2025
 Response via : Initial Calibration
 Integrator: ChemStation

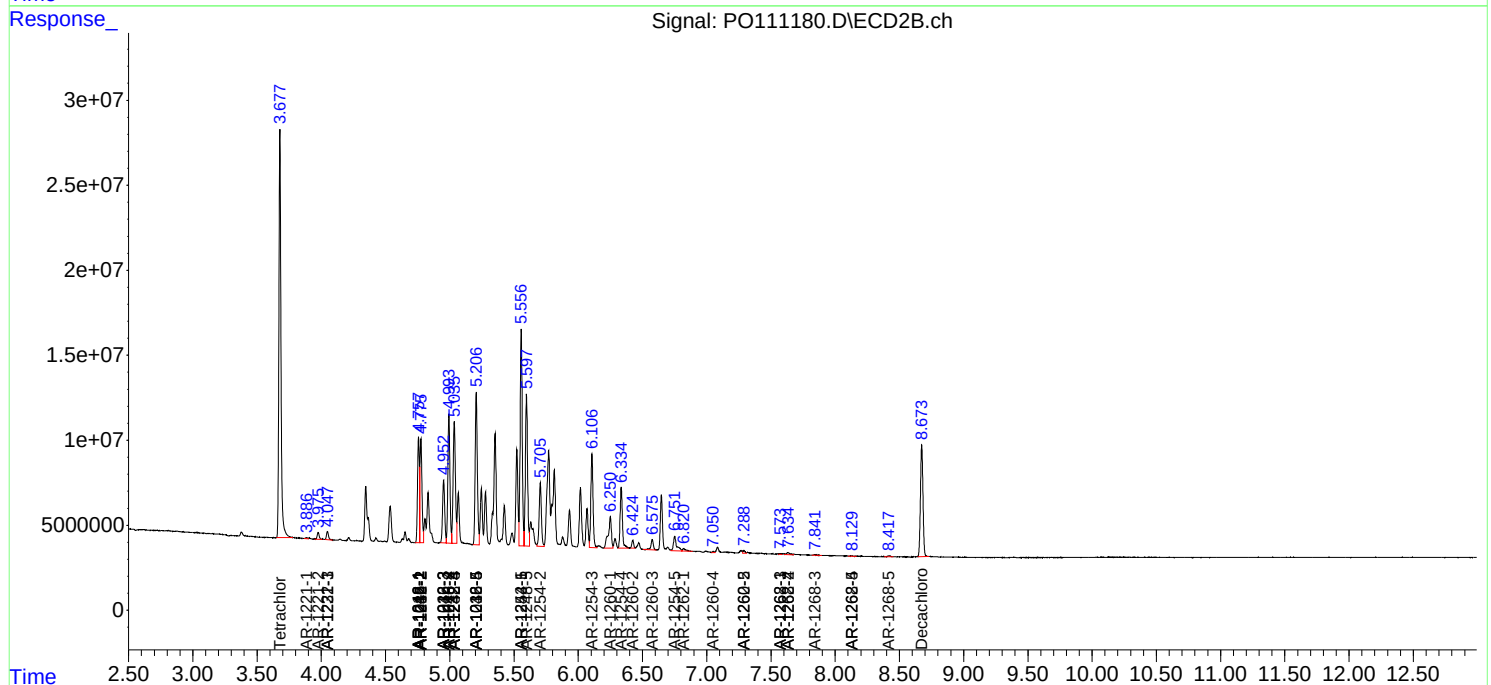
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

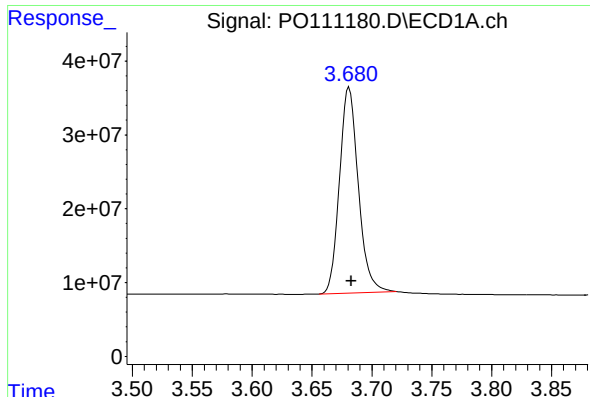
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	7.670	7.634	3285518	2182559	3.681	4.525
43) L9	AR-1268-3	7.877	7.841	968398	616782	1.276	1.770 #
44) L9	AR-1268-4	8.171	8.130	765750	222776	2.345	1.750 #
45) L9	AR-1268-5	8.466	8.418	2104945	827092	0.975	1.099

(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

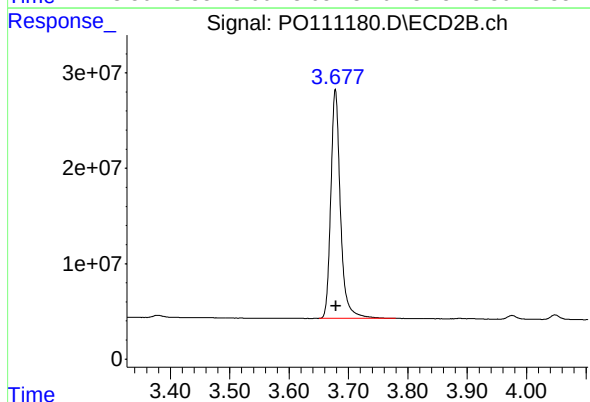




#1 Tetrachloro-m-xylene

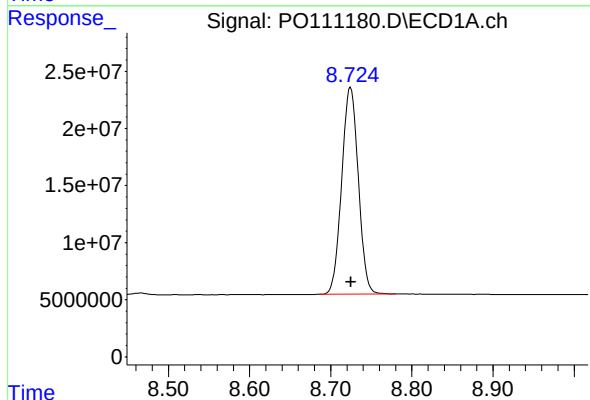
R.T.: 3.681 min
Delta R.T.: -0.002 min
Response: 305943367
Conc: 52.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



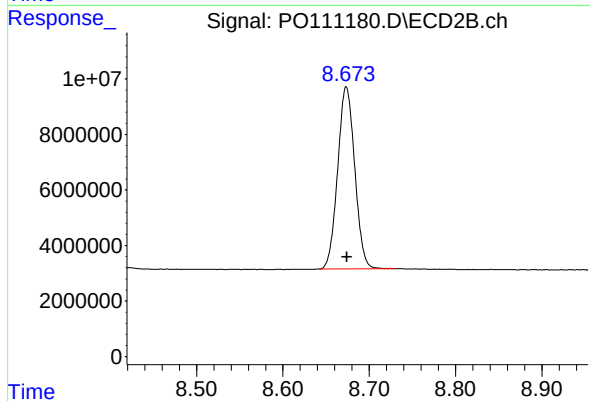
#1 Tetrachloro-m-xylene

R.T.: 3.678 min
Delta R.T.: 0.000 min
Response: 269480555
Conc: 49.43 ng/ml



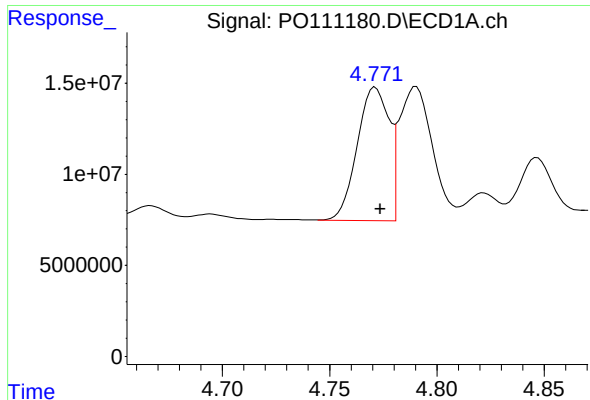
#2 Decachlorobiphenyl

R.T.: 8.724 min
Delta R.T.: 0.000 min
Response: 257397452
Conc: 49.86 ng/ml



#2 Decachlorobiphenyl

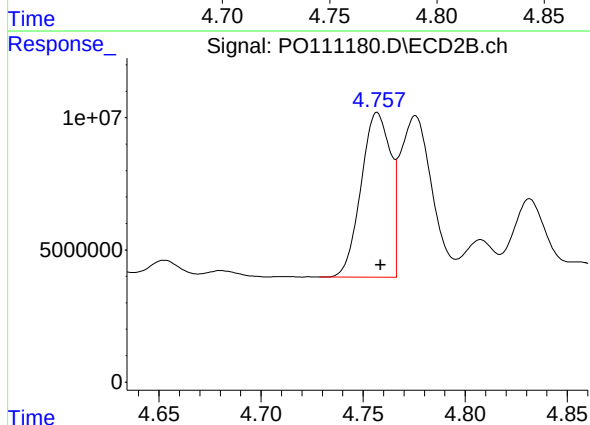
R.T.: 8.673 min
Delta R.T.: 0.000 min
Response: 90040476
Conc: 48.67 ng/ml



#3 AR-1016-1

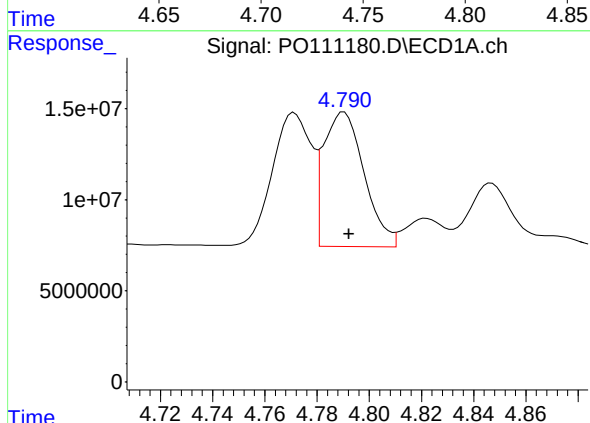
R.T.: 4.771 min
Delta R.T.: -0.002 min
Response: 75702136
Conc: 336.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



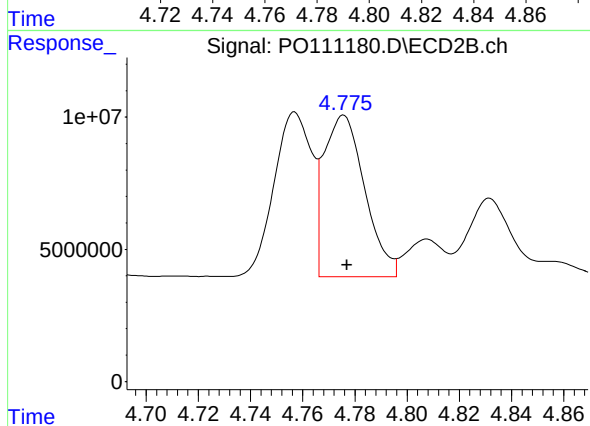
#3 AR-1016-1

R.T.: 4.757 min
Delta R.T.: -0.001 min
Response: 62504192
Conc: 327.37 ng/ml



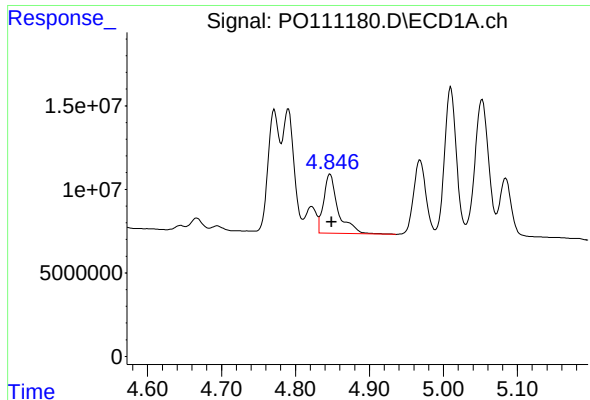
#4 AR-1016-2

R.T.: 4.790 min
Delta R.T.: -0.002 min
Response: 79624158
Conc: 249.66 ng/ml



#4 AR-1016-2

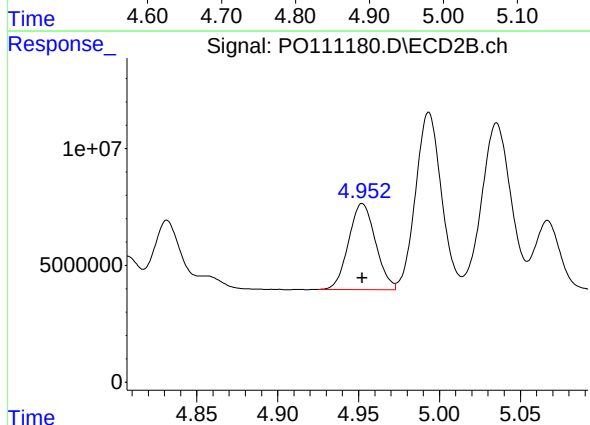
R.T.: 4.776 min
Delta R.T.: -0.001 min
Response: 66143764
Conc: 238.68 ng/ml



#5 AR-1016-3

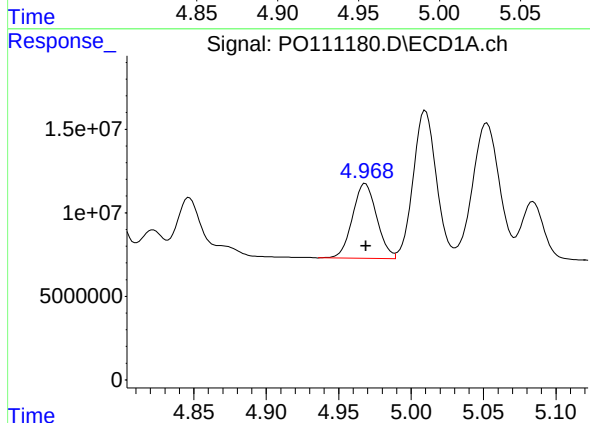
R.T.: 4.847 min
Delta R.T.: -0.002 min
Response: 48504194
Conc: 223.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



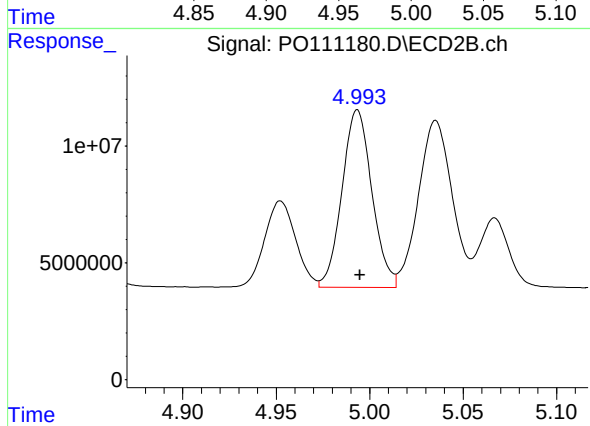
#5 AR-1016-3

R.T.: 4.952 min
Delta R.T.: 0.000 min
Response: 42735559
Conc: 292.56 ng/ml



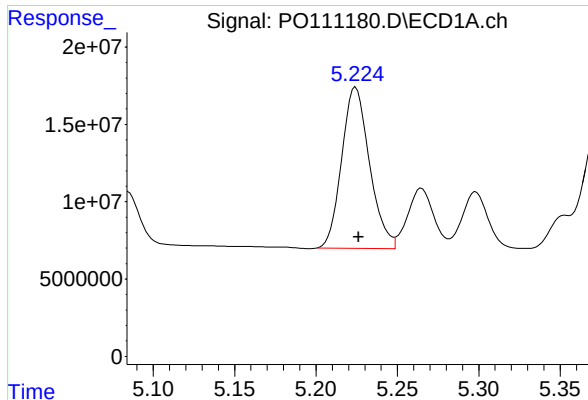
#6 AR-1016-4

R.T.: 4.968 min
Delta R.T.: 0.000 min
Response: 52135791
Conc: 299.38 ng/ml



#6 AR-1016-4

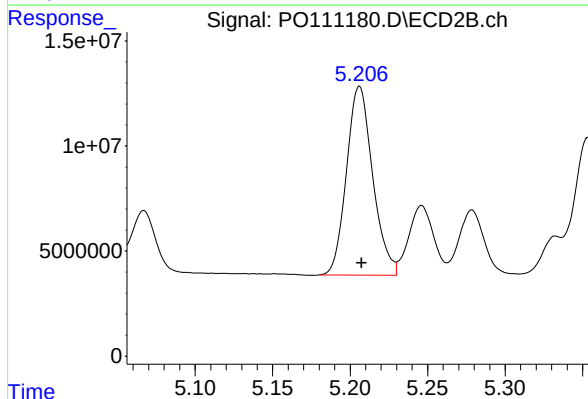
R.T.: 4.993 min
Delta R.T.: -0.001 min
Response: 84801442
Conc: 706.16 ng/ml



#7 AR-1016-5

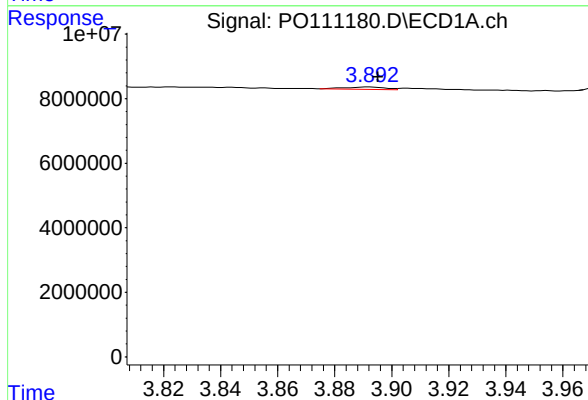
R.T.: 5.224 min
Delta R.T.: -0.002 min
Response: 124312533
Conc: 706.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



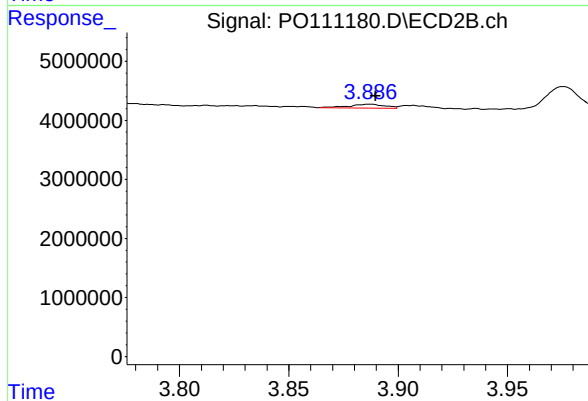
#7 AR-1016-5

R.T.: 5.206 min
Delta R.T.: -0.001 min
Response: 105492885
Conc: 683.24 ng/ml



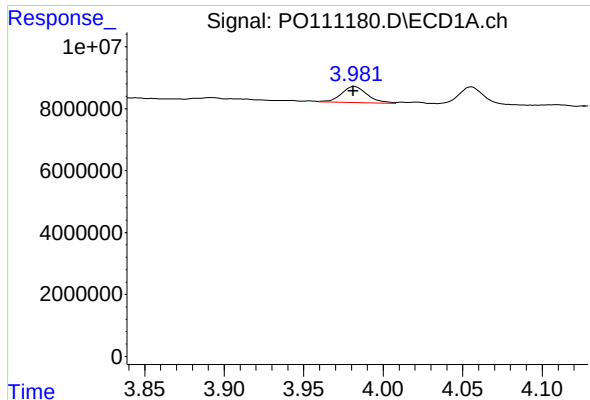
#8 AR-1221-1

R.T.: 3.892 min
Delta R.T.: -0.003 min
Response: 789320
Conc: 9.06 ng/ml



#8 AR-1221-1

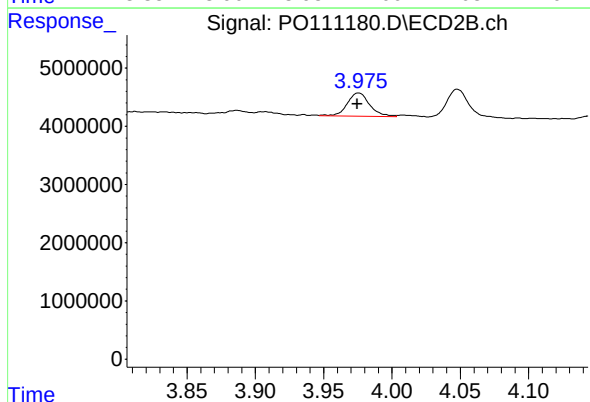
R.T.: 3.887 min
Delta R.T.: -0.003 min
Response: 757510
Conc: 10.26 ng/ml



#9 AR-1221-2

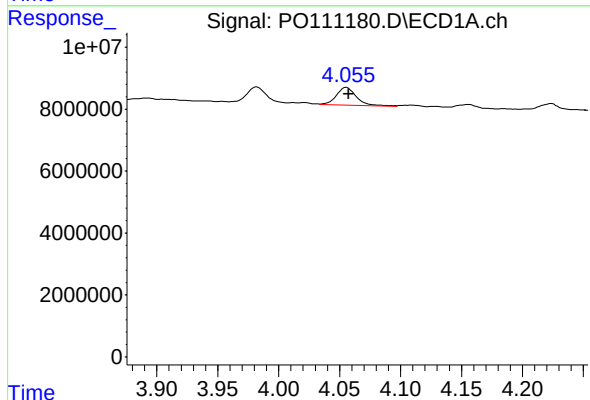
R.T.: 3.982 min
Delta R.T.: 0.000 min
Response: 5986113
Conc: 93.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



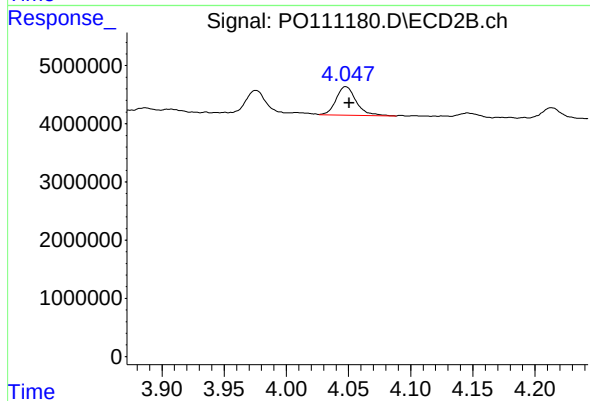
#9 AR-1221-2

R.T.: 3.976 min
Delta R.T.: 0.000 min
Response: 4610024
Conc: 84.72 ng/ml



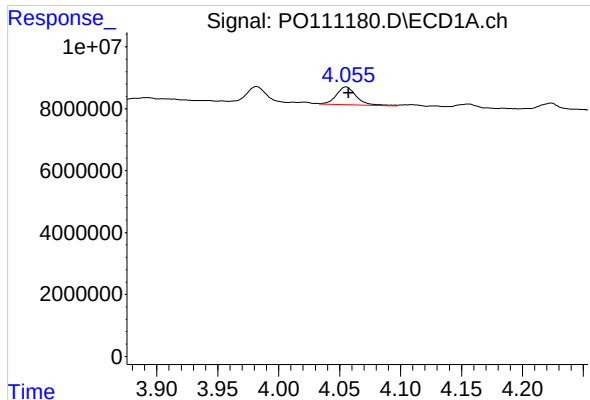
#10 AR-1221-3

R.T.: 4.056 min
Delta R.T.: -0.002 min
Response: 6811364
Conc: 35.42 ng/ml



#10 AR-1221-3

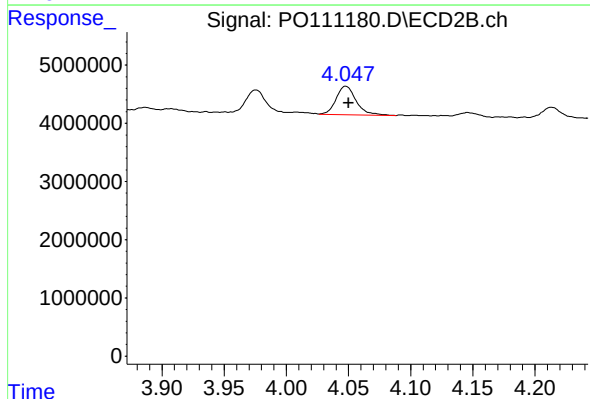
R.T.: 4.048 min
Delta R.T.: -0.003 min
Response: 5483224
Conc: 32.81 ng/ml



#11 AR-1232-1

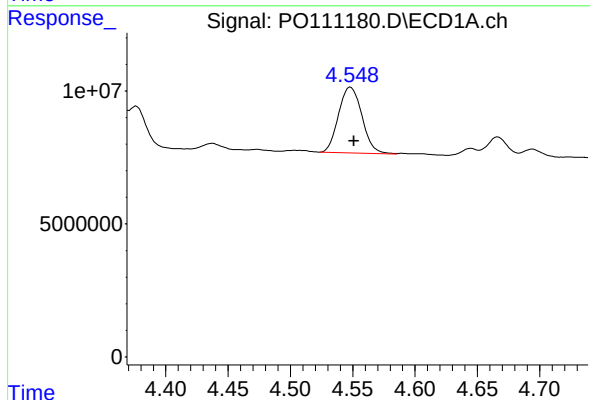
R.T.: 4.056 min
Delta R.T.: -0.002 min
Response: 6811364
Conc: 44.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



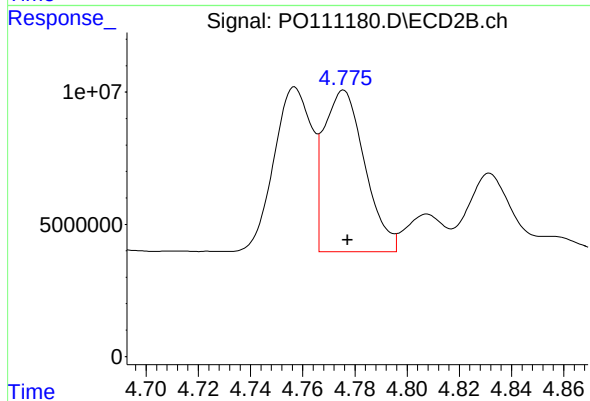
#11 AR-1232-1

R.T.: 4.048 min
Delta R.T.: -0.002 min
Response: 5483224
Conc: 41.99 ng/ml



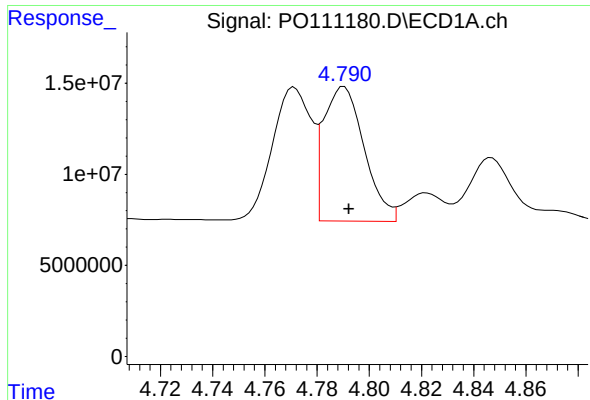
#12 AR-1232-2

R.T.: 4.548 min
Delta R.T.: -0.003 min
Response: 32570349
Conc: 397.46 ng/ml



#12 AR-1232-2

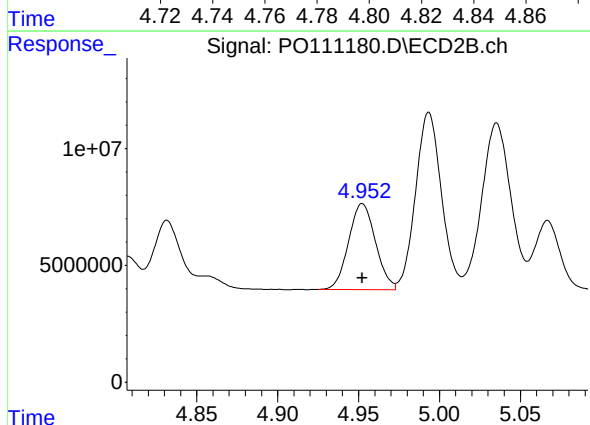
R.T.: 4.776 min
Delta R.T.: -0.002 min
Response: 66143764
Conc: 504.30 ng/ml



#13 AR-1232-3

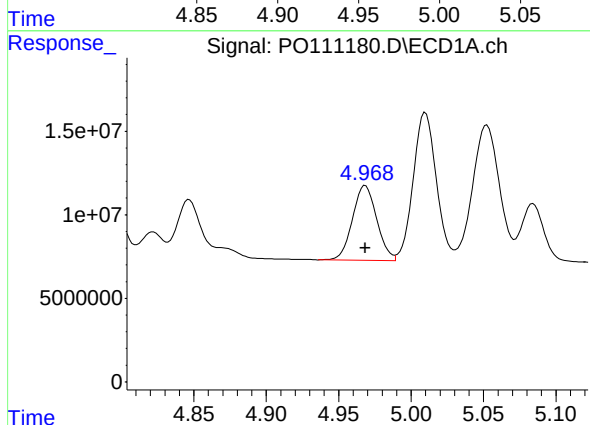
R.T.: 4.790 min
Delta R.T.: -0.002 min
Response: 79624158
Conc: 520.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



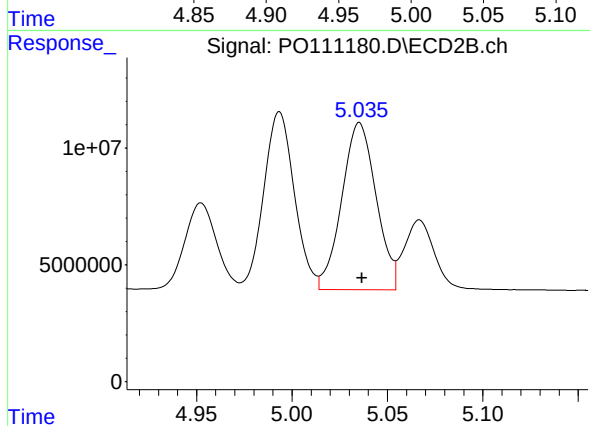
#13 AR-1232-3

R.T.: 4.952 min
Delta R.T.: 0.000 min
Response: 42735559
Conc: 627.80 ng/ml



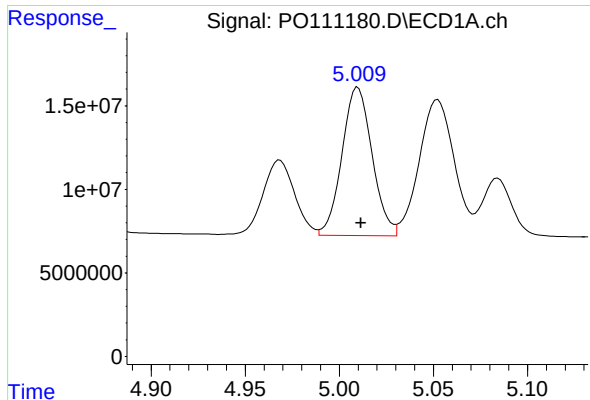
#14 AR-1232-4

R.T.: 4.968 min
Delta R.T.: 0.000 min
Response: 52135791
Conc: 633.86 ng/ml



#14 AR-1232-4

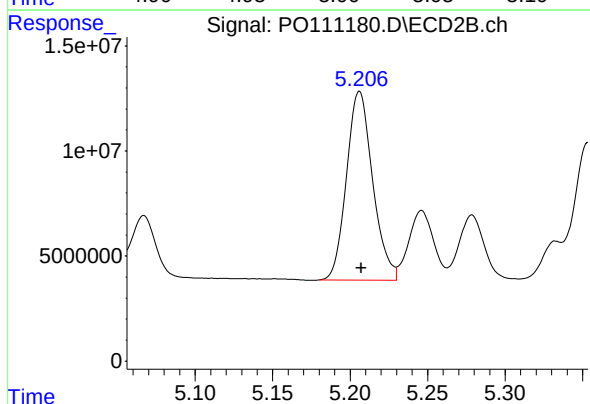
R.T.: 5.035 min
Delta R.T.: -0.001 min
Response: 89893786
Conc: 1457.51 ng/ml



#15 AR-1232-5

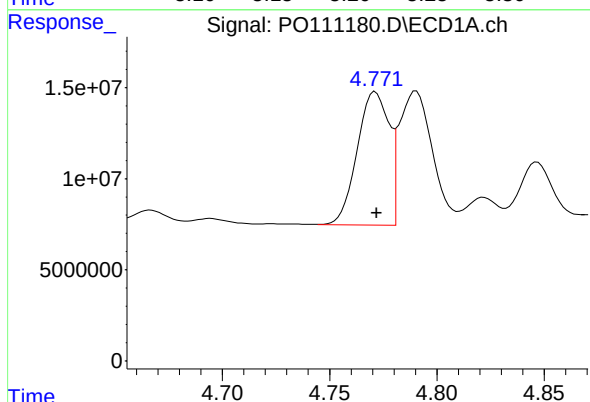
R.T.: 5.010 min
Delta R.T.: -0.002 min
Response: 98863883
Conc: 1822.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



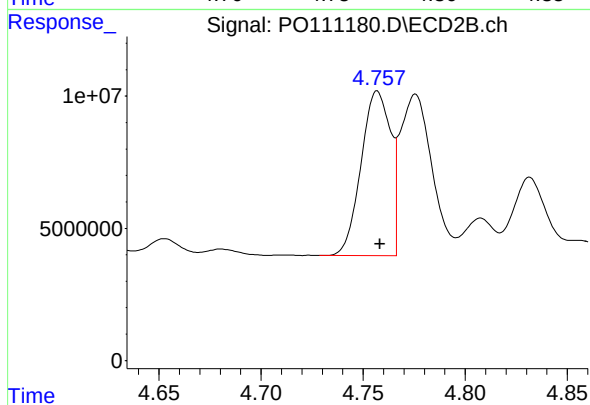
#15 AR-1232-5

R.T.: 5.206 min
Delta R.T.: -0.001 min
Response: 105492885
Conc: 1604.88 ng/ml



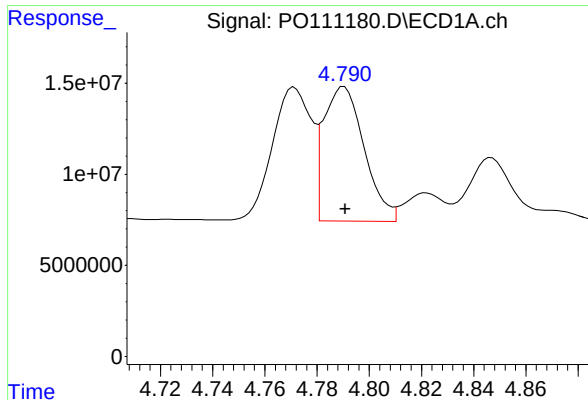
#16 AR-1242-1

R.T.: 4.771 min
Delta R.T.: 0.000 min
Response: 75702136
Conc: 395.93 ng/ml



#16 AR-1242-1

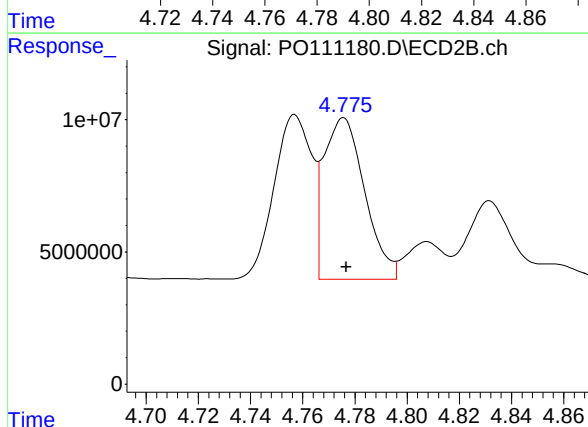
R.T.: 4.757 min
Delta R.T.: -0.001 min
Response: 62504192
Conc: 387.97 ng/ml



#17 AR-1242-2

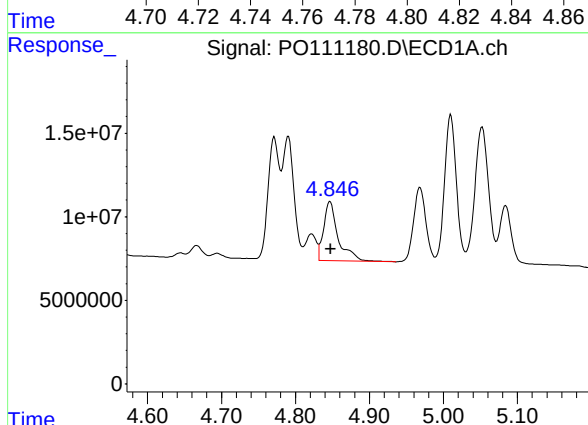
R.T.: 4.790 min
Delta R.T.: 0.000 min
Response: 79624158
Conc: 292.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



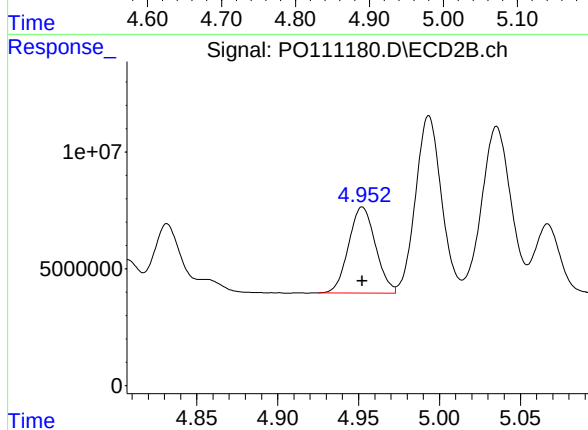
#17 AR-1242-2

R.T.: 4.776 min
Delta R.T.: -0.001 min
Response: 66143764
Conc: 281.94 ng/ml



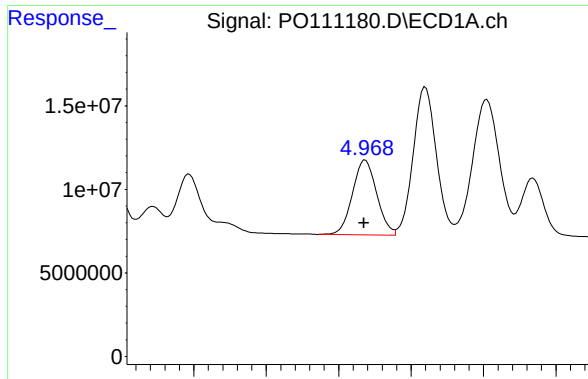
#18 AR-1242-3

R.T.: 4.847 min
Delta R.T.: 0.000 min
Response: 48504194
Conc: 260.79 ng/ml



#18 AR-1242-3

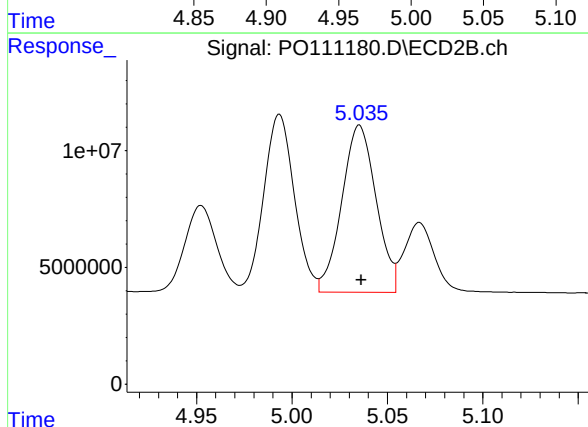
R.T.: 4.952 min
Delta R.T.: 0.000 min
Response: 42735559
Conc: 345.70 ng/ml



#19 AR-1242-4

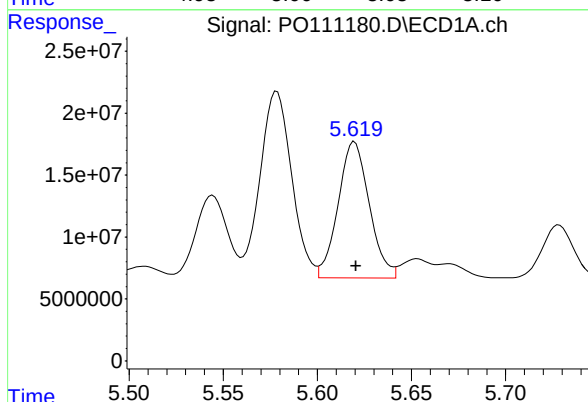
R.T.: 4.968 min
Delta R.T.: 0.000 min
Response: 52135791
Conc: 352.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



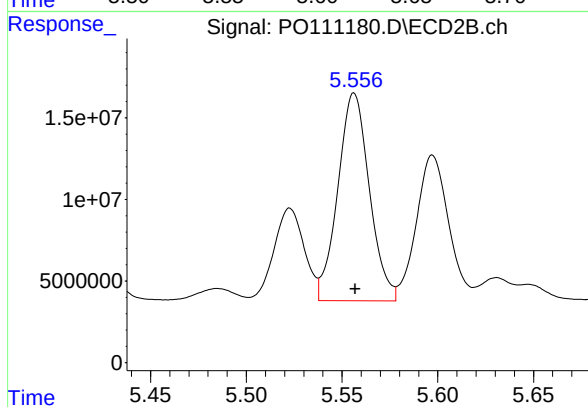
#19 AR-1242-4

R.T.: 5.035 min
Delta R.T.: 0.000 min
Response: 89893786
Conc: 727.21 ng/ml



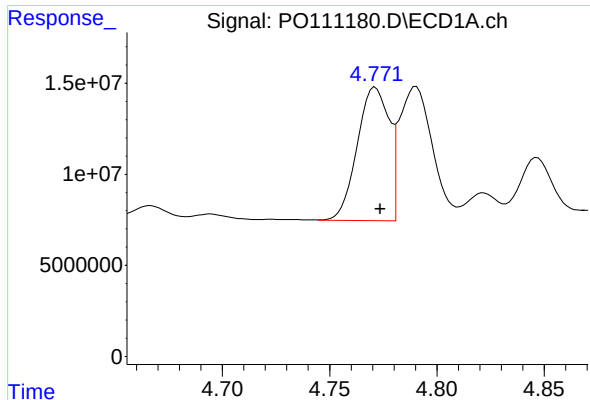
#20 AR-1242-5

R.T.: 5.620 min
Delta R.T.: 0.000 min
Response: 126931947
Conc: 816.06 ng/ml



#20 AR-1242-5

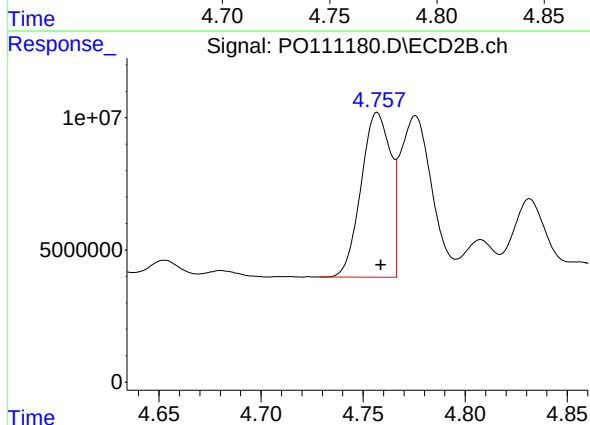
R.T.: 5.556 min
Delta R.T.: 0.000 min
Response: 145857786
Conc: 959.67 ng/ml



#21 AR-1248-1

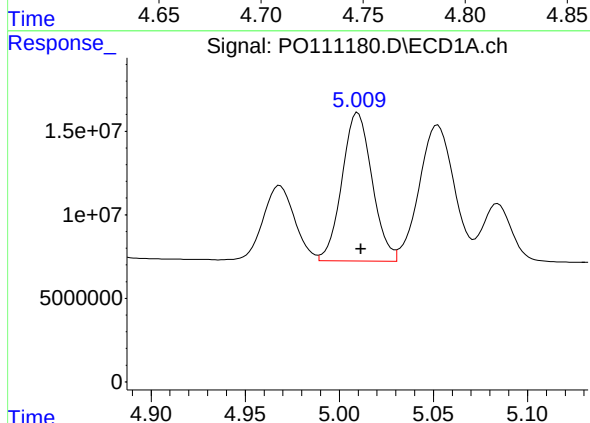
R.T.: 4.771 min
Delta R.T.: -0.002 min
Response: 75702136
Conc: 494.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



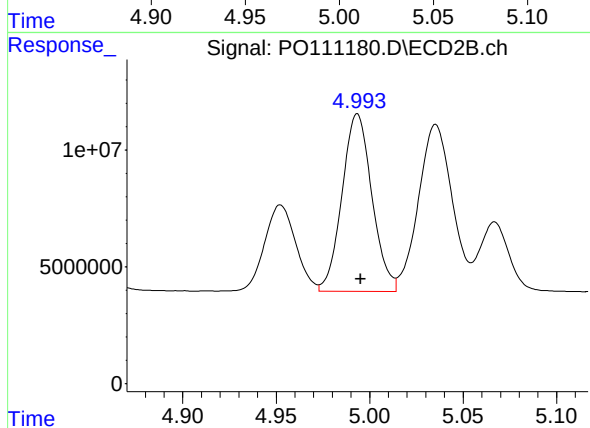
#21 AR-1248-1

R.T.: 4.757 min
Delta R.T.: -0.002 min
Response: 62504192
Conc: 481.81 ng/ml



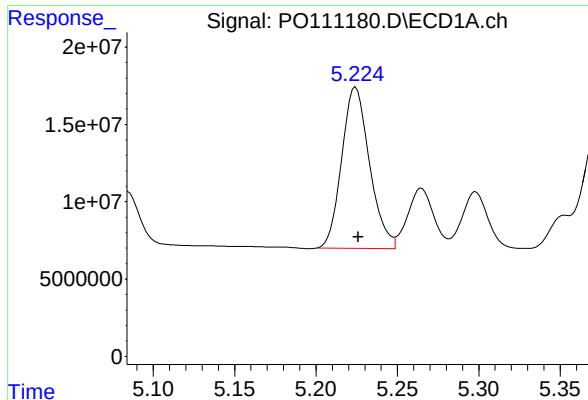
#22 AR-1248-2

R.T.: 5.010 min
Delta R.T.: -0.002 min
Response: 98863883
Conc: 493.04 ng/ml



#22 AR-1248-2

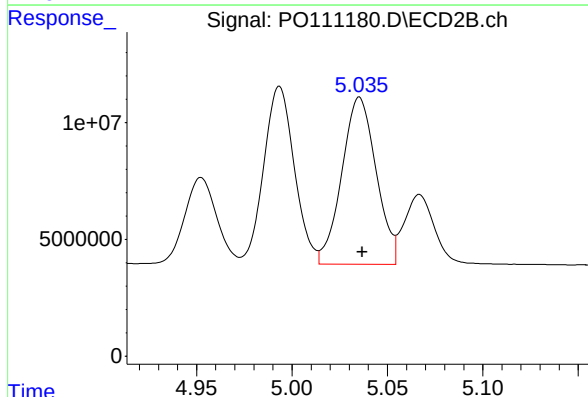
R.T.: 4.993 min
Delta R.T.: -0.002 min
Response: 84801442
Conc: 482.12 ng/ml



#23 AR-1248-3

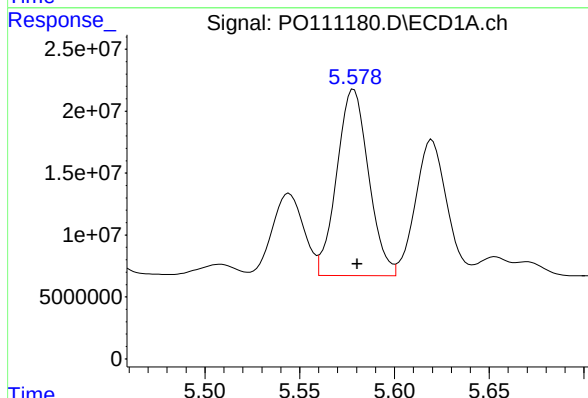
R.T.: 5.224 min
Delta R.T.: -0.002 min
Response: 124312533
Conc: 485.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



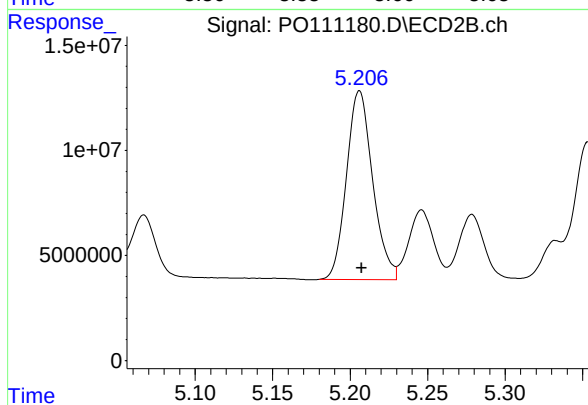
#23 AR-1248-3

R.T.: 5.035 min
Delta R.T.: -0.001 min
Response: 89893786
Conc: 479.14 ng/ml



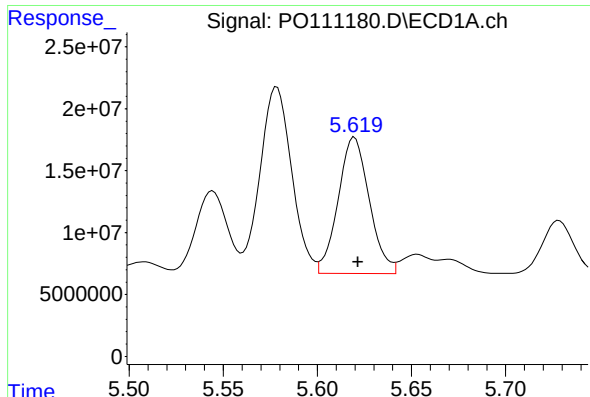
#24 AR-1248-4

R.T.: 5.578 min
Delta R.T.: -0.002 min
Response: 175933691
Conc: 485.76 ng/ml



#24 AR-1248-4

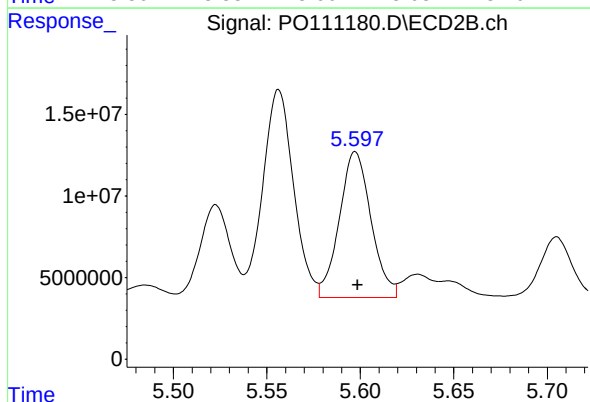
R.T.: 5.206 min
Delta R.T.: -0.001 min
Response: 105492885
Conc: 479.86 ng/ml



#25 AR-1248-5

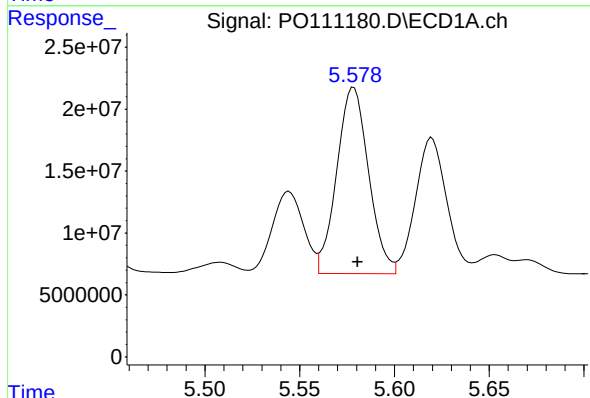
R.T.: 5.620 min
Delta R.T.: -0.002 min
Response: 126931947
Conc: 484.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



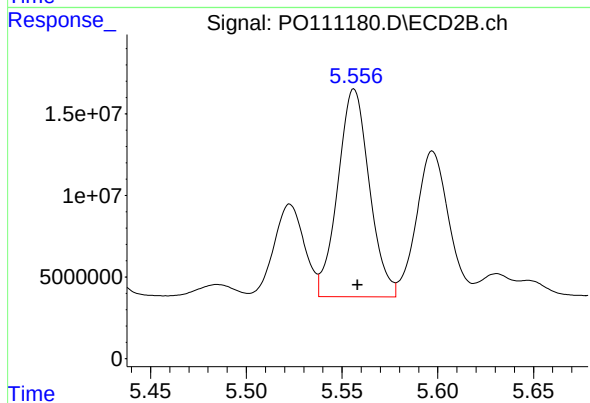
#25 AR-1248-5

R.T.: 5.597 min
Delta R.T.: -0.001 min
Response: 105494320
Conc: 483.20 ng/ml



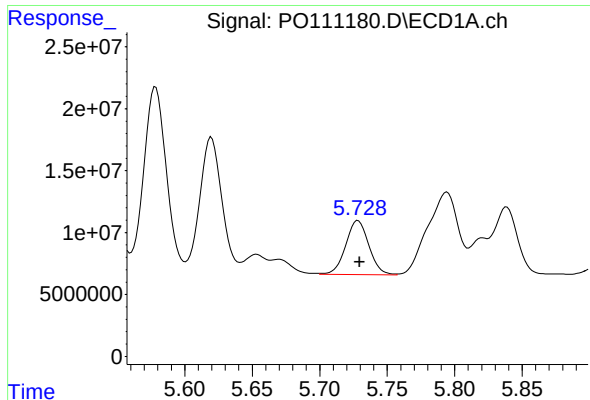
#26 AR-1254-1

R.T.: 5.578 min
Delta R.T.: -0.002 min
Response: 175933691
Conc: 463.50 ng/ml



#26 AR-1254-1

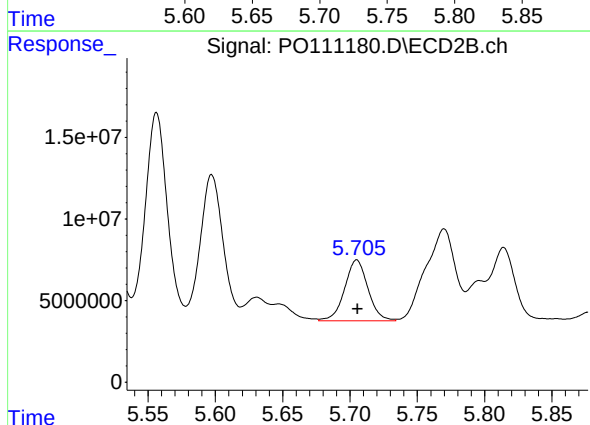
R.T.: 5.556 min
Delta R.T.: -0.002 min
Response: 145857786
Conc: 450.12 ng/ml



#27 AR-1254-2

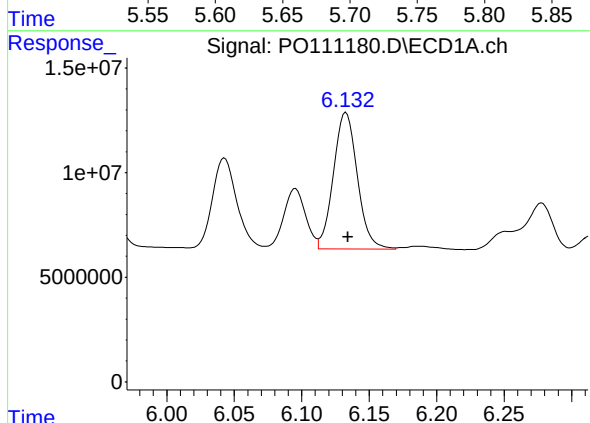
R.T.: 5.728 min
Delta R.T.: -0.001 min
Response: 52174001
Conc: 159.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



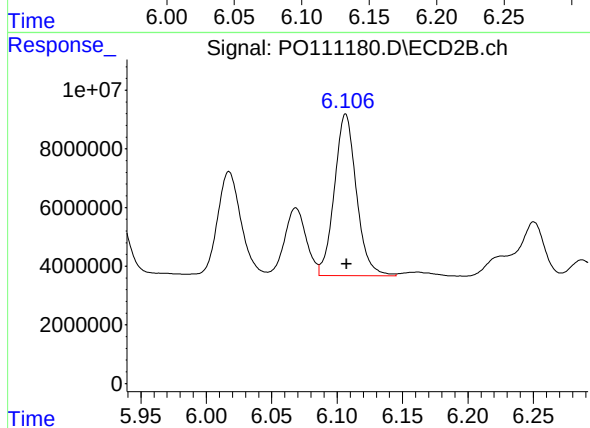
#27 AR-1254-2

R.T.: 5.705 min
Delta R.T.: 0.000 min
Response: 45221146
Conc: 159.65 ng/ml



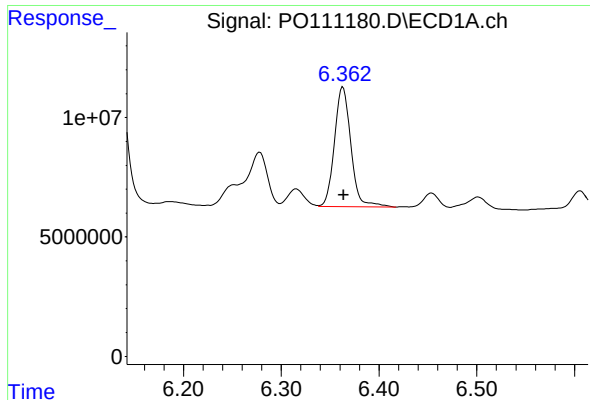
#28 AR-1254-3

R.T.: 6.133 min
Delta R.T.: -0.001 min
Response: 80777069
Conc: 153.53 ng/ml



#28 AR-1254-3

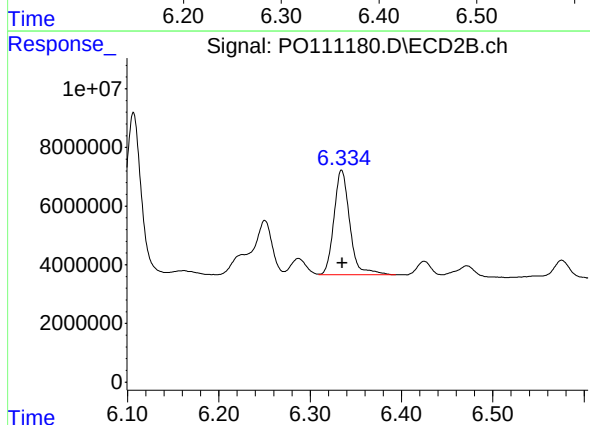
R.T.: 6.107 min
Delta R.T.: 0.000 min
Response: 64593971
Conc: 149.71 ng/ml



#29 AR-1254-4

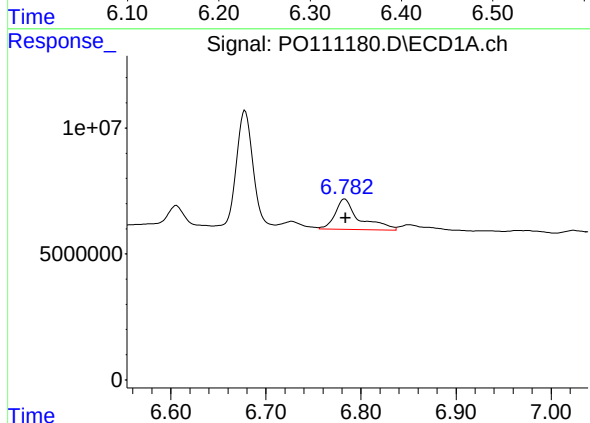
R.T.: 6.363 min
Delta R.T.: 0.000 min
Response: 58428746
Conc: 173.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



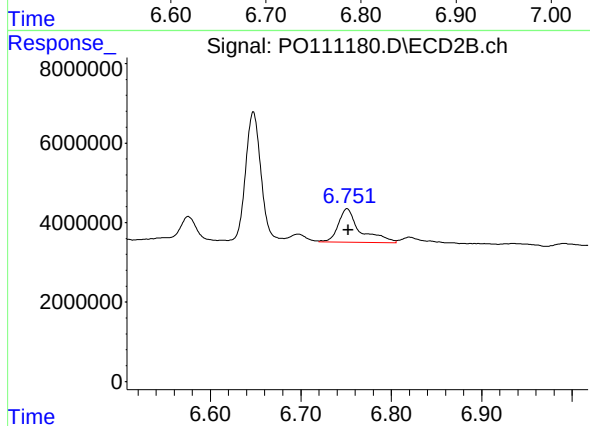
#29 AR-1254-4

R.T.: 6.334 min
Delta R.T.: -0.001 min
Response: 43035431
Conc: 173.99 ng/ml



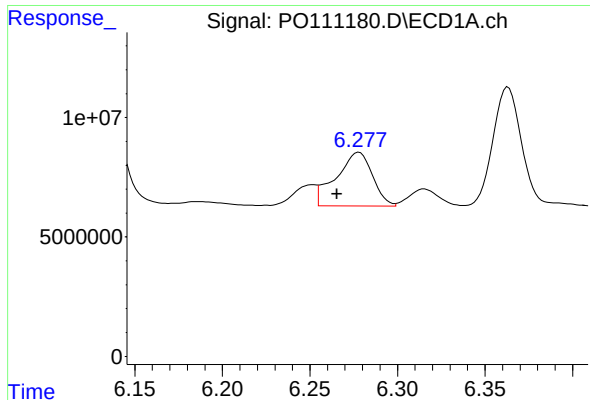
#30 AR-1254-5

R.T.: 6.783 min
Delta R.T.: 0.000 min
Response: 21516032
Conc: 45.35 ng/ml



#30 AR-1254-5

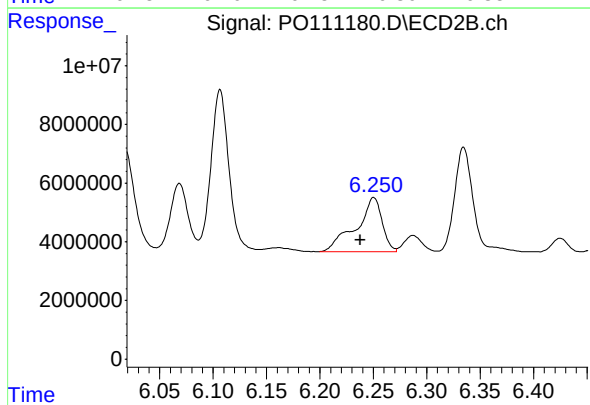
R.T.: 6.751 min
Delta R.T.: -0.001 min
Response: 14342802
Conc: 41.46 ng/ml



#31 AR-1260-1

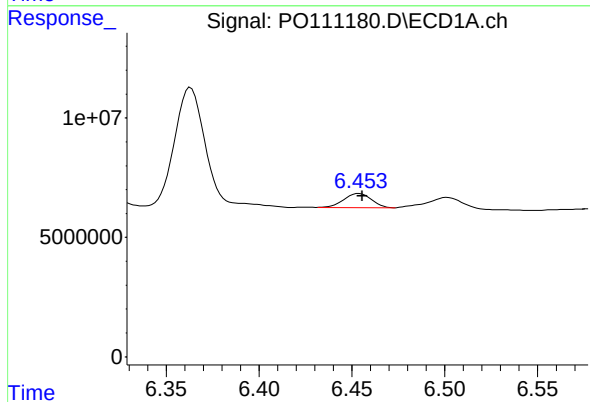
R.T.: 6.278 min
Delta R.T.: 0.013 min
Response: 32487339
Conc: 106.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



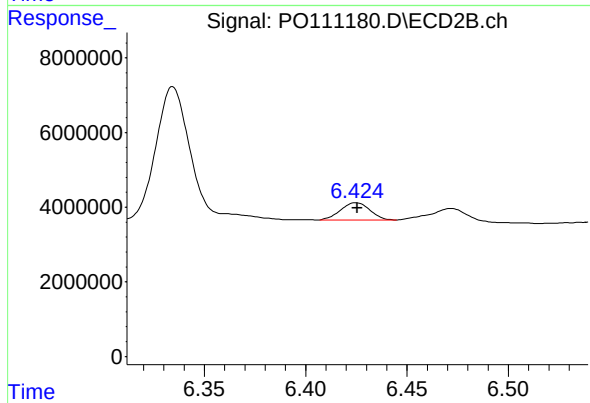
#31 AR-1260-1

R.T.: 6.250 min
Delta R.T.: 0.013 min
Response: 31454822
Conc: 125.88 ng/ml



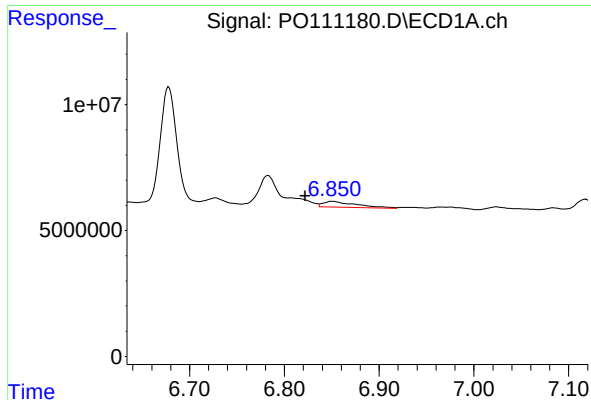
#32 AR-1260-2

R.T.: 6.454 min
Delta R.T.: -0.002 min
Response: 6158969
Conc: 16.08 ng/ml



#32 AR-1260-2

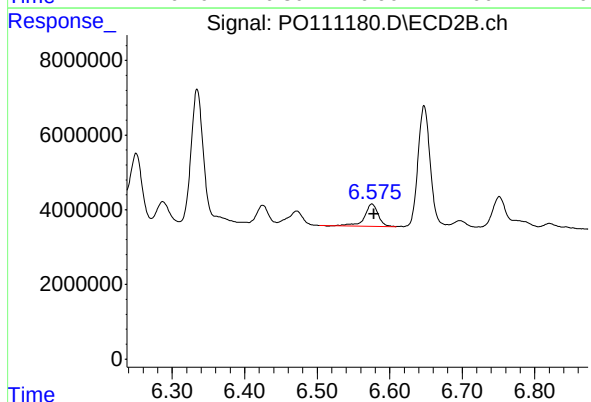
R.T.: 6.425 min
Delta R.T.: 0.000 min
Response: 4635127
Conc: 15.75 ng/ml



#33 AR-1260-3

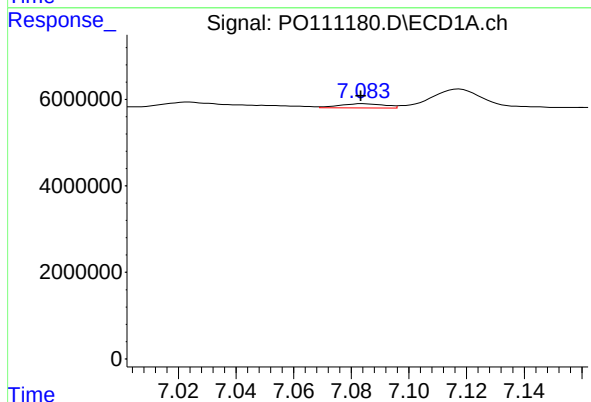
R.T.: 6.851 min
Delta R.T.: 0.028 min
Response: 5459455
Conc: 15.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



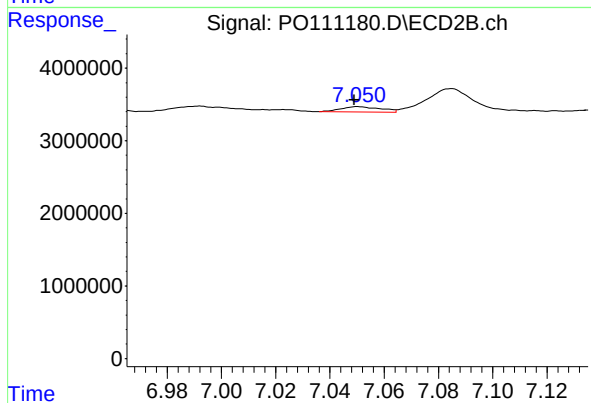
#33 AR-1260-3

R.T.: 6.576 min
Delta R.T.: -0.003 min
Response: 7651679
Conc: 26.69 ng/ml



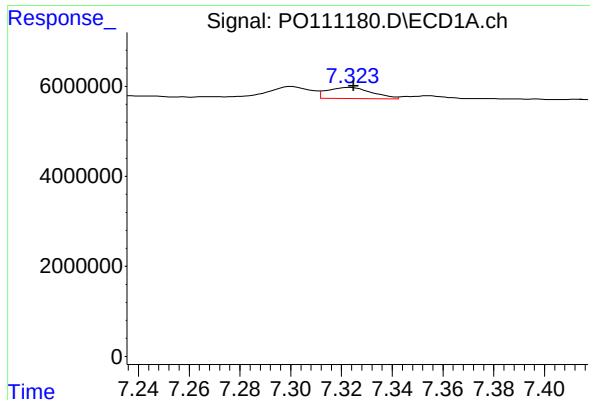
#34 AR-1260-4

R.T.: 7.084 min
Delta R.T.: 0.000 min
Response: 1054109
Conc: 3.77 ng/ml



#34 AR-1260-4

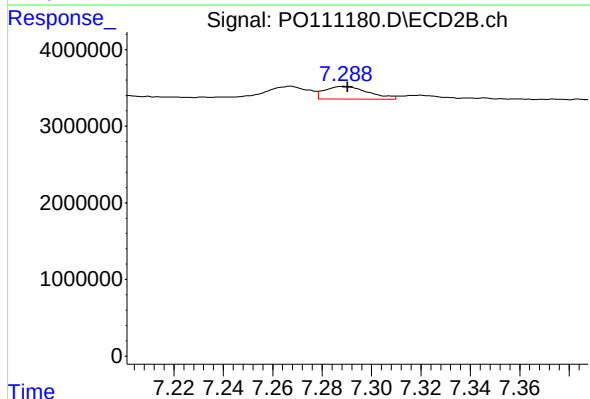
R.T.: 7.050 min
Delta R.T.: 0.001 min
Response: 744212
Conc: 3.71 ng/ml



#35 AR-1260-5

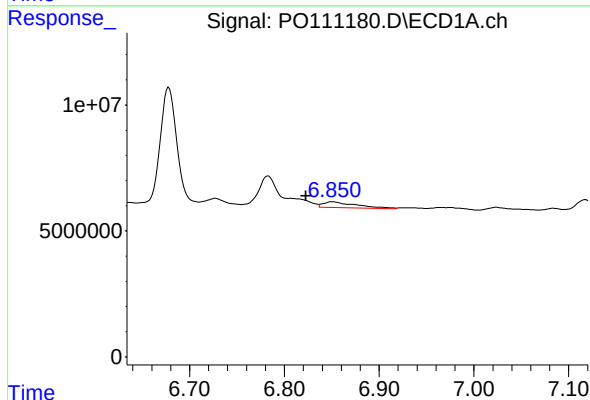
R.T.: 7.324 min
Delta R.T.: -0.001 min
Response: 3027011
Conc: 4.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



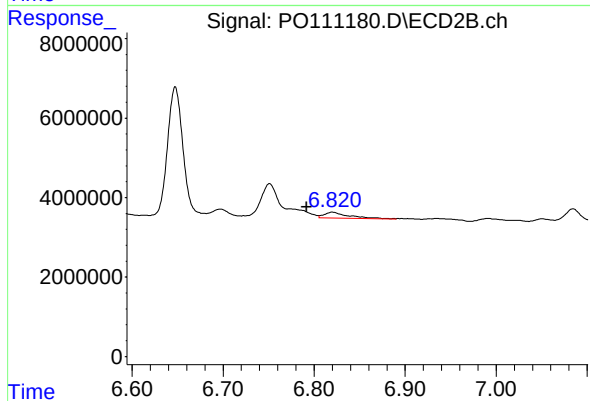
#35 AR-1260-5

R.T.: 7.289 min
Delta R.T.: -0.002 min
Response: 2047777
Conc: 4.46 ng/ml



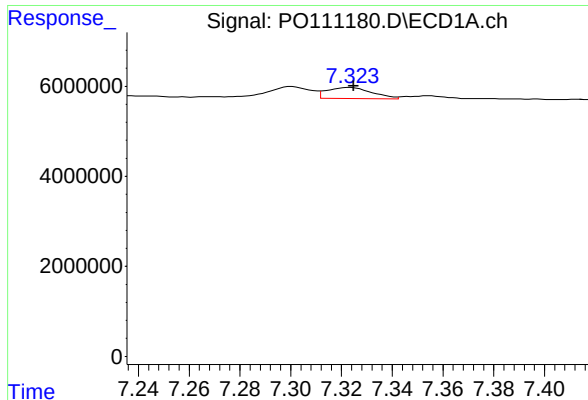
#36 AR-1262-1

R.T.: 6.851 min
Delta R.T.: 0.028 min
Response: 5459455
Conc: 11.22 ng/ml



#36 AR-1262-1

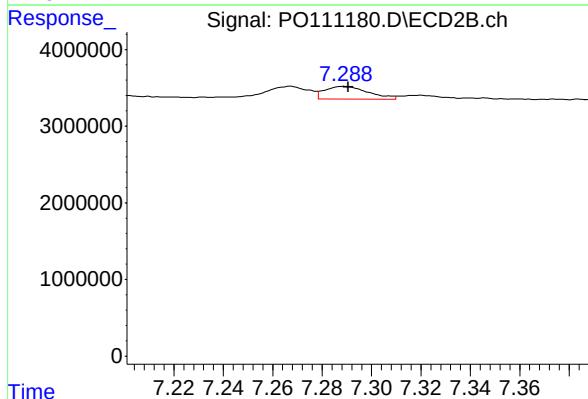
R.T.: 6.820 min
Delta R.T.: 0.028 min
Response: 2853337
Conc: 8.37 ng/ml



#37 AR-1262-2

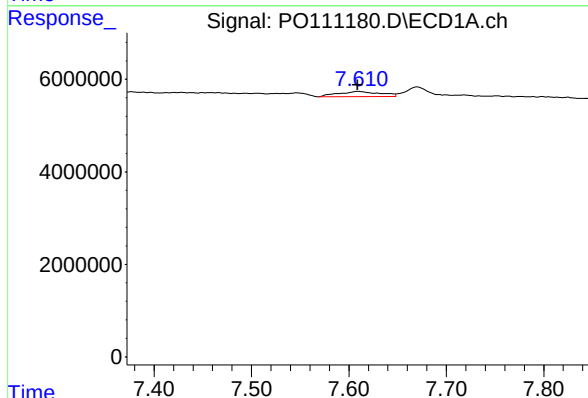
R.T.: 7.324 min
Delta R.T.: -0.001 min
Response: 3027011
Conc: 3.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



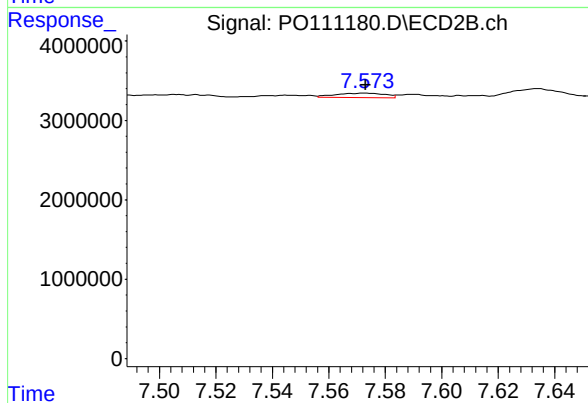
#37 AR-1262-2

R.T.: 7.289 min
Delta R.T.: -0.002 min
Response: 2047777
Conc: 4.07 ng/ml



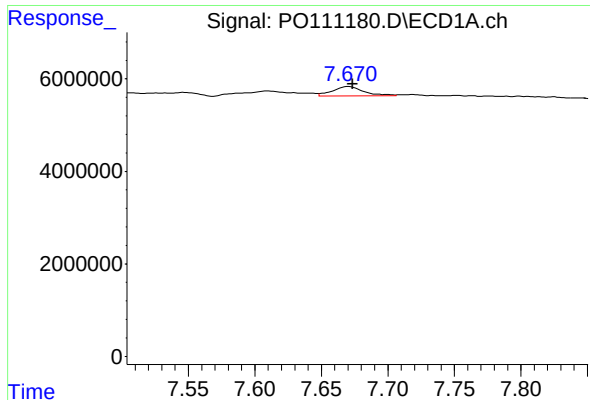
#38 AR-1262-3

R.T.: 7.610 min
Delta R.T.: 0.001 min
Response: 3247240
Conc: 9.60 ng/ml



#38 AR-1262-3

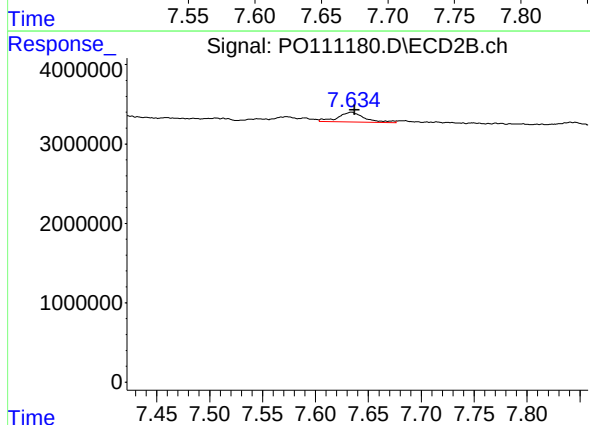
R.T.: 7.573 min
Delta R.T.: 0.000 min
Response: 684112
Conc: 3.65 ng/ml



#39 AR-1262-4

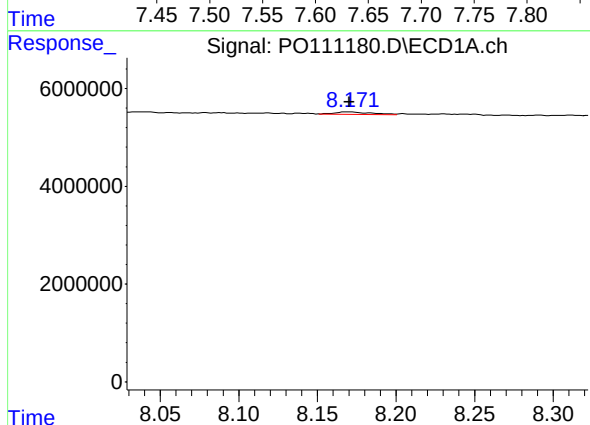
R.T.: 7.670 min
Delta R.T.: -0.003 min
Response: 3285518
Conc: 5.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



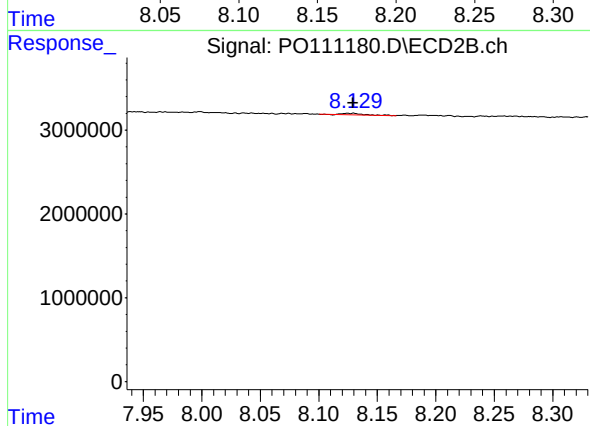
#39 AR-1262-4

R.T.: 7.634 min
Delta R.T.: -0.003 min
Response: 2182559
Conc: 6.61 ng/ml



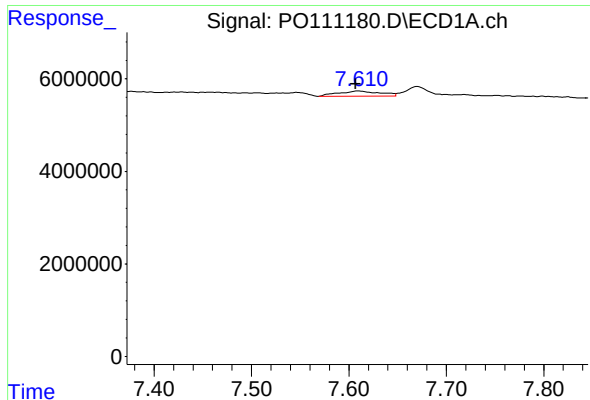
#40 AR-1262-5

R.T.: 8.171 min
Delta R.T.: 0.001 min
Response: 765750
Conc: 2.68 ng/ml



#40 AR-1262-5

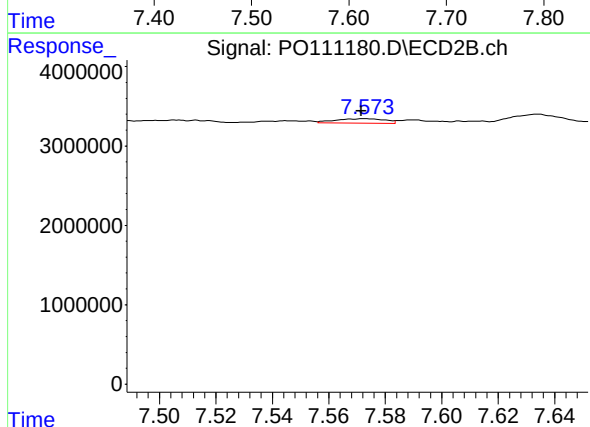
R.T.: 8.130 min
Delta R.T.: 0.000 min
Response: 222776
Conc: 1.98 ng/ml



#41 AR-1268-1

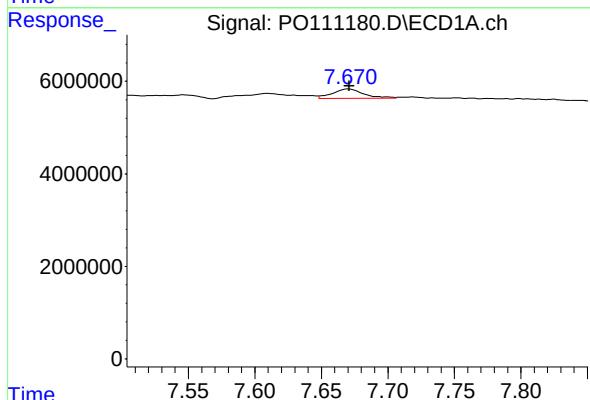
R.T.: 7.610 min
Delta R.T.: 0.003 min
Response: 3247240
Conc: 3.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



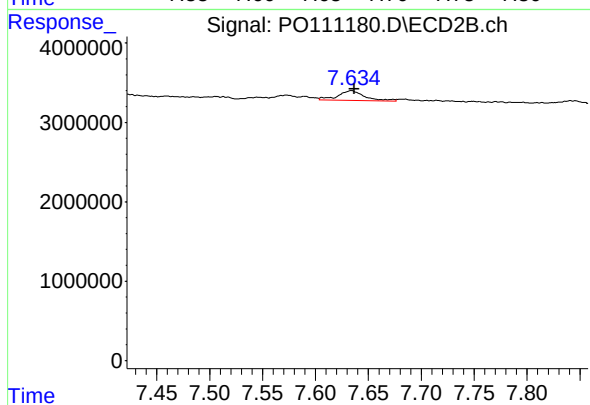
#41 AR-1268-1

R.T.: 7.573 min
Delta R.T.: 0.001 min
Response: 684112
Conc: 1.29 ng/ml



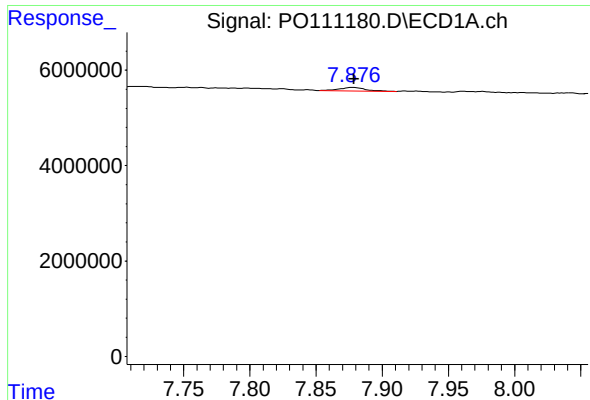
#42 AR-1268-2

R.T.: 7.670 min
Delta R.T.: 0.000 min
Response: 3285518
Conc: 3.68 ng/ml



#42 AR-1268-2

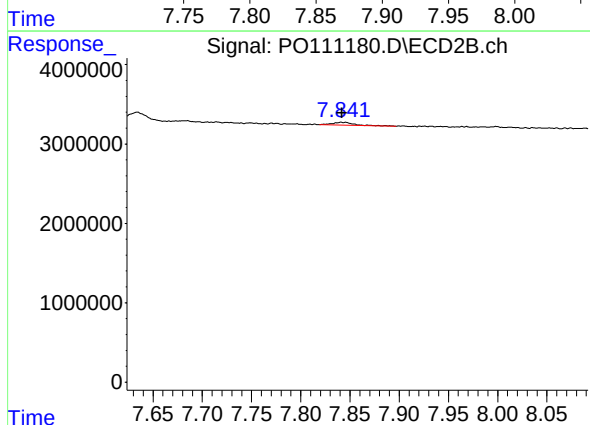
R.T.: 7.634 min
Delta R.T.: -0.003 min
Response: 2182559
Conc: 4.52 ng/ml



#43 AR-1268-3

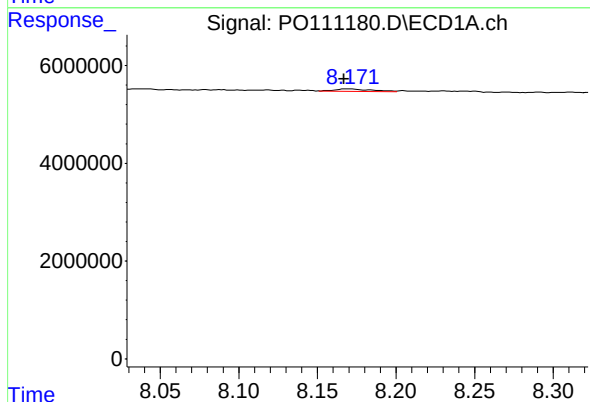
R.T.: 7.877 min
Delta R.T.: -0.001 min
Response: 968398
Conc: 1.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



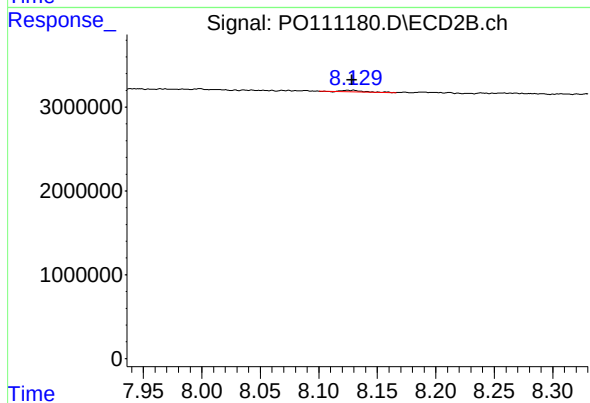
#43 AR-1268-3

R.T.: 7.841 min
Delta R.T.: 0.000 min
Response: 616782
Conc: 1.77 ng/ml



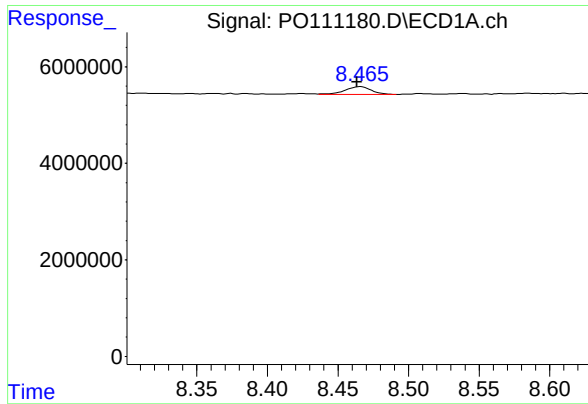
#44 AR-1268-4

R.T.: 8.171 min
Delta R.T.: 0.004 min
Response: 765750
Conc: 2.34 ng/ml



#44 AR-1268-4

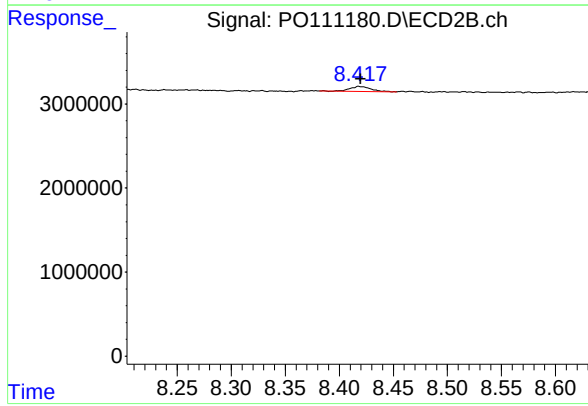
R.T.: 8.130 min
Delta R.T.: 0.001 min
Response: 222776
Conc: 1.75 ng/ml



#45 AR-1268-5

R.T.: 8.466 min
Delta R.T.: 0.002 min
Response: 2104945
Conc: 0.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.418 min
Delta R.T.: -0.001 min
Response: 827092
Conc: 1.10 ng/ml