

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0030123\  
 Data File : P0092863.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 01 Mar 2023 11:02  
 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: Mar 01 20:25:19 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0022123.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Feb 22 05:46:11 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... | 4.431  | 3.636  | 152.8E6  | 58632344 | 50.898   | 45.998     |
| 2)                          | SA Decachlor... | 10.265 | 8.671  | 103.4E6  | 50278785 | 53.748   | 43.143     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 3)                          | L1 AR-1016-1    | 5.608  | 4.723  | 29954237 | 12334785 | 325.913  | 305.330    |
| 4)                          | L1 AR-1016-2    | 5.631  | 4.741  | 36930822 | 12799974 | 277.089  | 221.675    |
| 5)                          | L1 AR-1016-3    | 5.693  | 4.919  | 18950516 | 8590279  | 218.269  | 274.133 #  |
| 6)                          | L1 AR-1016-4    | 5.791  | 4.960  | 19855197 | 18693722 | 304.050  | 668.657 #  |
| 7)                          | L1 AR-1016-5    | 6.090  | 5.174  | 50108881 | 22274315 | 705.063  | 627.927    |
| 9)                          | L2 AR-1221-2    | 4.738  | 3.935  | 2367402  | 950935   | 82.278   | 78.545     |
| 10)                         | L2 AR-1221-3    | 4.805  | 4.012  | 2925670  | 1075118  | 33.220   | 28.874     |
| 11)                         | L3 AR-1232-1    | 4.805  | 4.012  | 2925670  | 1075118  | 41.634   | 34.341     |
| 12)                         | L3 AR-1232-2    | 5.338  | 4.741  | 14369286 | 12799974 | 417.812  | 475.151    |
| 13)                         | L3 AR-1232-3    | 5.631  | 4.919  | 36930822 | 8590279  | 604.089  | 612.816    |
| 14)                         | L3 AR-1232-4    | 5.791  | 5.002  | 19855197 | 19545728 | 672.722  | 1374.381 # |
| 15)                         | L3 AR-1232-5    | 5.884  | 5.174  | 46720515 | 22274315 | 1799.111 | 1432.409   |
| 16)                         | L4 AR-1242-1    | 5.608  | 4.723  | 29954237 | 12334785 | 379.642  | 367.313    |
| 17)                         | L4 AR-1242-2    | 5.631  | 4.741  | 36930822 | 12799974 | 321.049  | 266.929    |
| 18)                         | L4 AR-1242-3    | 5.693  | 4.919  | 18950516 | 8590279  | 256.702  | 329.891 #  |
| 19)                         | L4 AR-1242-4    | 5.791  | 5.002  | 19855197 | 19545728 | 358.483  | 677.836 #  |
| 20)                         | L4 AR-1242-5    | 6.536  | 5.526  | 50930285 | 28955655 | 869.520  | 925.424    |
| 21)                         | L5 AR-1248-1    | 5.608  | 4.723  | 29954237 | 12334785 | 488.645  | 471.070    |
| 22)                         | L5 AR-1248-2    | 5.884  | 4.960  | 46720515 | 18693722 | 485.466  | 462.045    |
| 23)                         | L5 AR-1248-3    | 6.090  | 5.002  | 50108881 | 19545728 | 488.305  | 463.766    |
| 24)                         | L5 AR-1248-4    | 6.497  | 5.174  | 49582626 | 22274315 | 495.436  | 461.138    |
| 25)                         | L5 AR-1248-5    | 6.536  | 5.568  | 50930285 | 19735264 | 503.121  | 472.850    |
| 26)                         | L6 AR-1254-1    | 6.469  | 5.526  | 39646260 | 28955655 | 349.671  | 413.586    |
| 27)                         | L6 AR-1254-2    | 6.694  | 5.675  | 50216085 | 10016359 | 302.135  | 159.652 #  |
| 28)                         | L6 AR-1254-3    | 7.060  | 6.080  | 27573175 | 14188990 | 168.436  | 147.193    |
| 29)                         | L6 AR-1254-4    | 7.348  | 6.310  | 16438147 | 9281080  | 158.389  | 179.858    |
| 30)                         | L6 AR-1254-5    | 7.772  | 6.730  | 4190831  | 2712822  | 34.182   | 33.413     |
| 31)                         | L7 AR-1260-1    | 7.227  | 6.225  | 2743491  | 6859109  | 22.482   | 100.679 #  |
| 32)                         | L7 AR-1260-2    | 7.485  | 6.400  | 4583621  | 1426791  | 31.185   | 17.750 #   |
| 33)                         | L7 AR-1260-3    | 7.772  | 6.553  | 4190831  | 1608880  | 26.661   | 19.931 #   |
| 34)                         | L7 AR-1260-4    | 8.060  | 7.067f | 1476130  | 780378   | 12.602   | 12.820     |
| 35)                         | L7 AR-1260-5    | 0.000  | 7.272  | 0        | 358817   | N.D.     | 2.811 #    |
| 36)                         | L8 AR-1262-1    | 7.772  | 6.730  | 4190831  | 2712822  | 43.482   | 64.900 #   |
| 37)                         | L8 AR-1262-2    | 0.000  | 7.272  | 0        | 358817   | N.D.     | 2.718 #    |
| -----                       |                 |        |        |          |          |          |            |

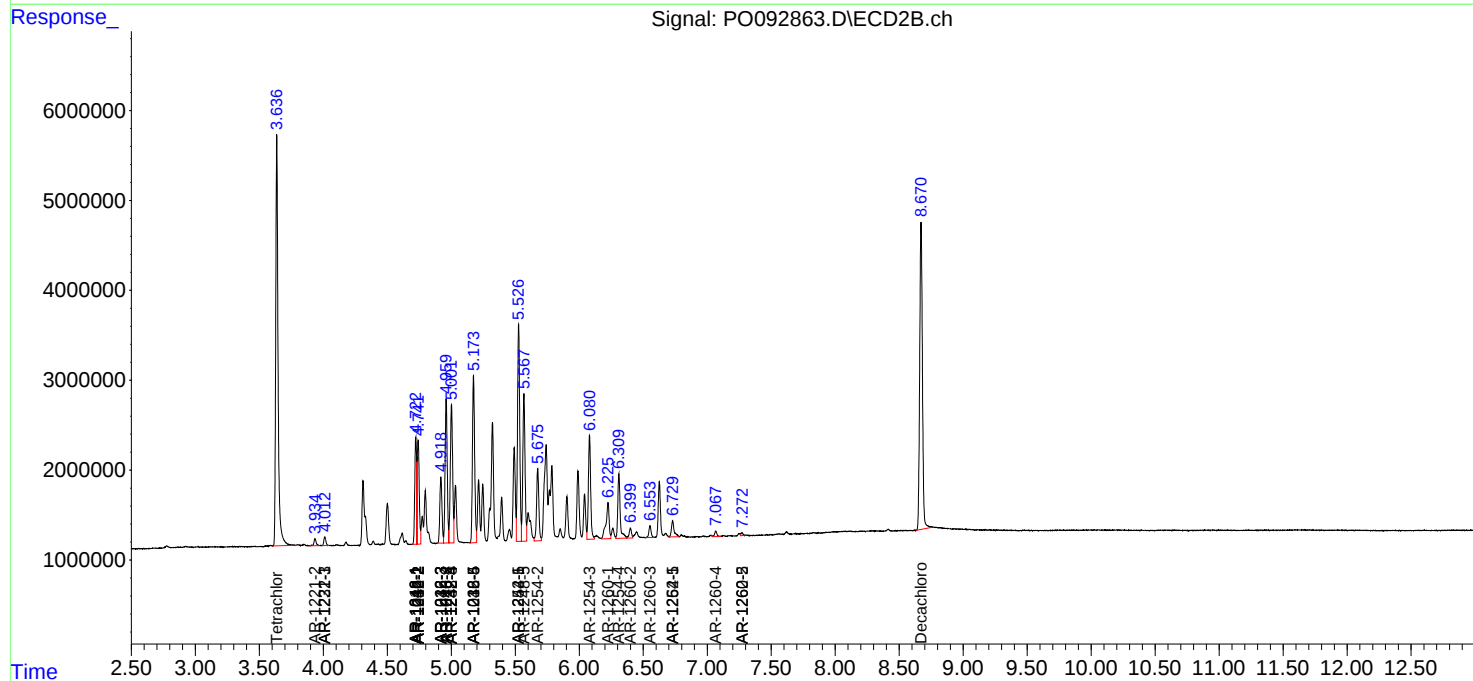
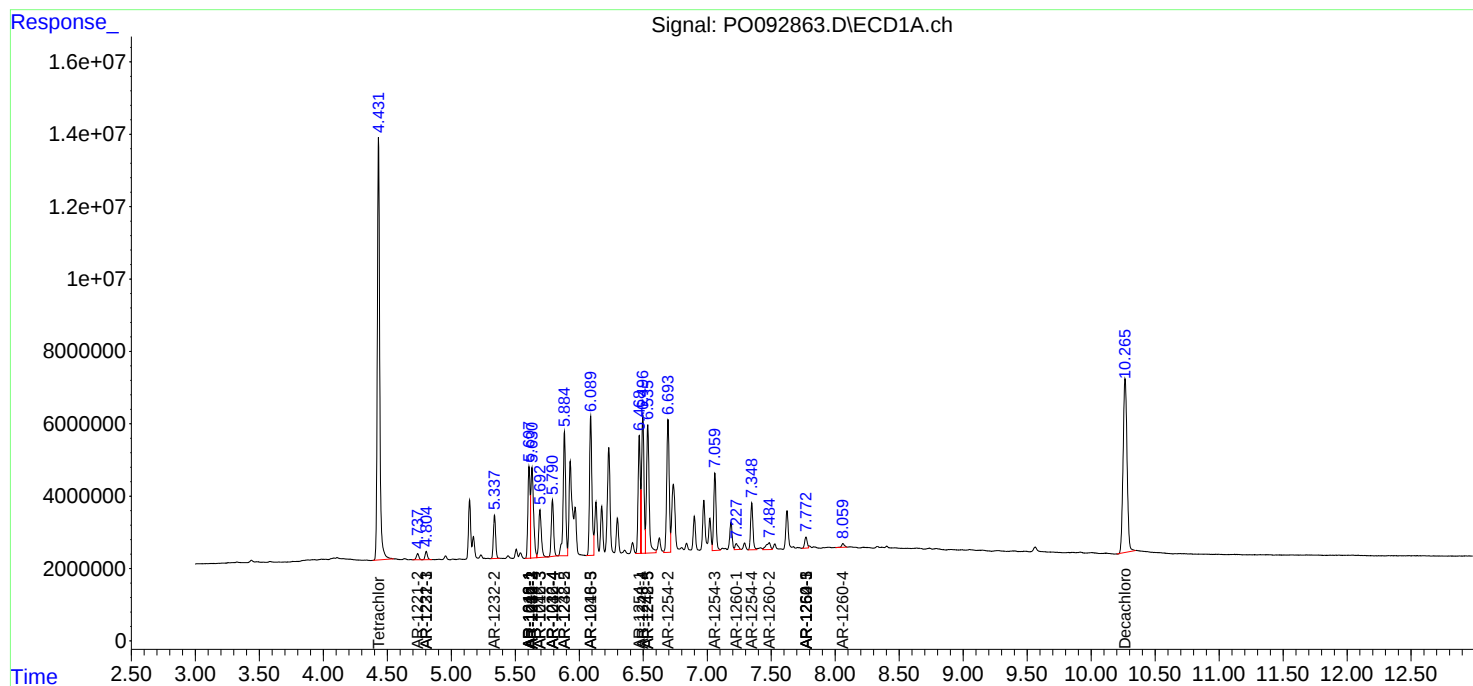
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

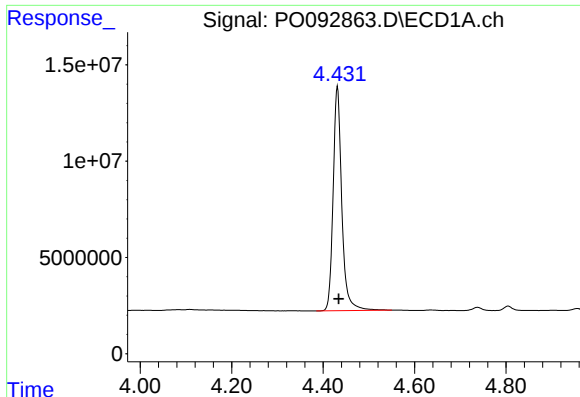
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0030123\  
Data File : P0092863.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 01 Mar 2023 11:02  
Operator : YP/AJ  
Sample : AR1248CCC500  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 01 20:25:19 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0022123.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Feb 22 05:46:11 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

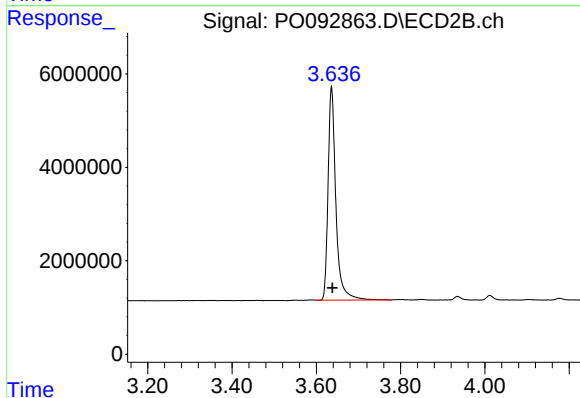




#1 Tetrachloro-m-xylene

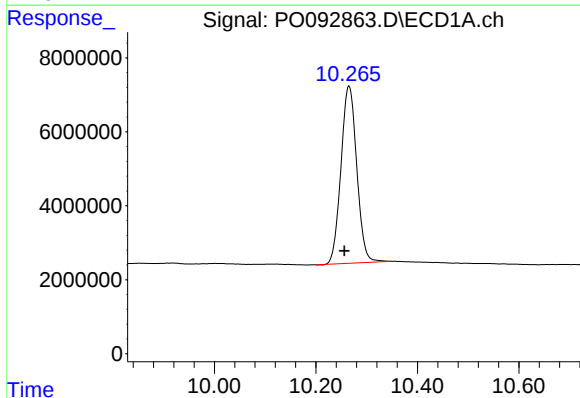
R.T.: 4.431 min  
Delta R.T.: -0.003 min  
Response: 152835561  
Conc: 50.90 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



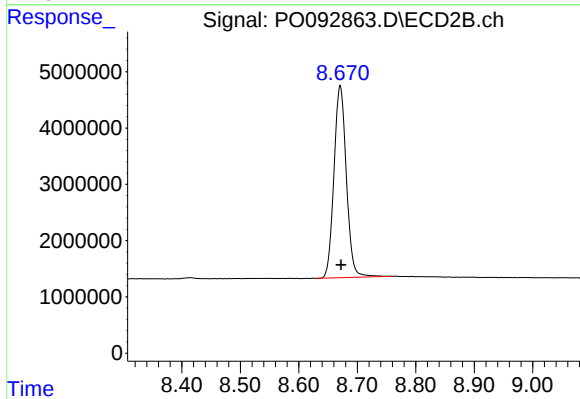
#1 Tetrachloro-m-xylene

R.T.: 3.636 min  
Delta R.T.: -0.002 min  
Response: 58632344  
Conc: 46.00 ng/ml



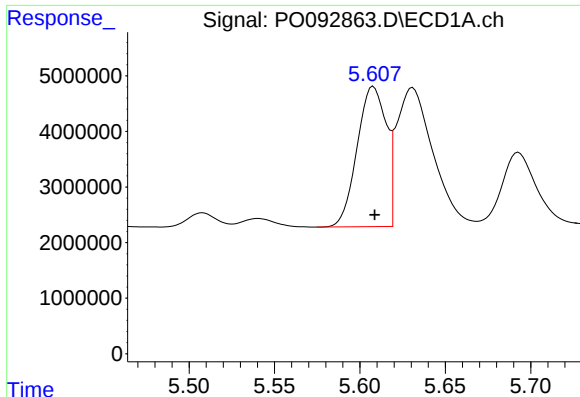
#2 Decachlorobiphenyl

R.T.: 10.265 min  
Delta R.T.: 0.009 min  
Response: 103382732  
Conc: 53.75 ng/ml



#2 Decachlorobiphenyl

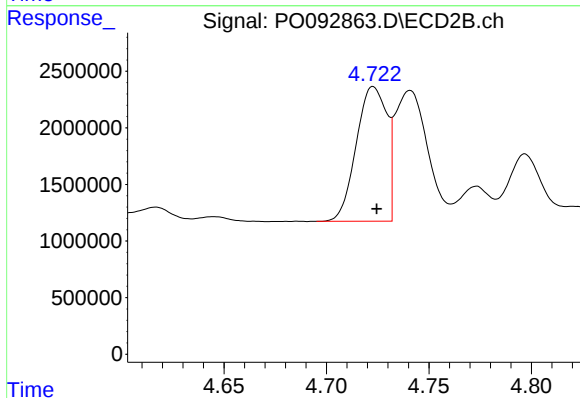
R.T.: 8.671 min  
Delta R.T.: -0.001 min  
Response: 50278785  
Conc: 43.14 ng/ml



#3 AR-1016-1

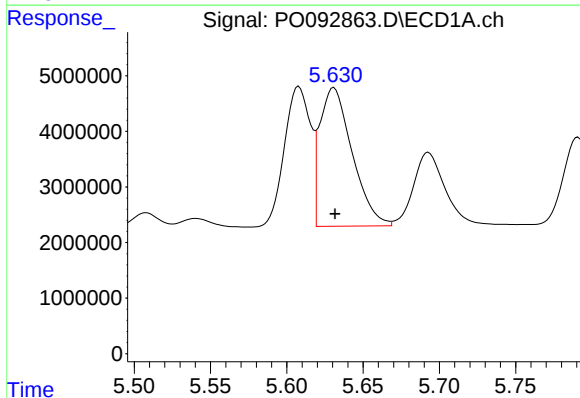
R.T.: 5.608 min  
Delta R.T.: 0.000 min  
Response: 29954237  
Conc: 325.91 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



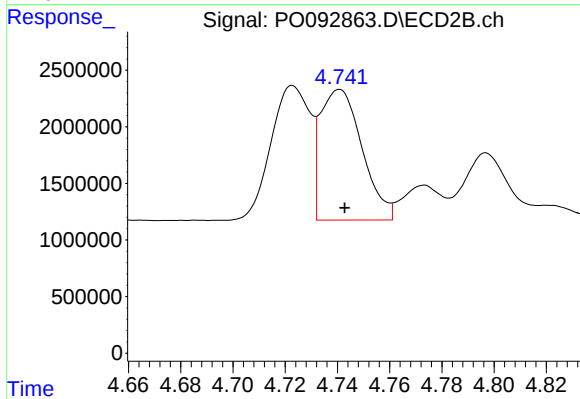
#3 AR-1016-1

R.T.: 4.723 min  
Delta R.T.: -0.002 min  
Response: 12334785  
Conc: 305.33 ng/ml



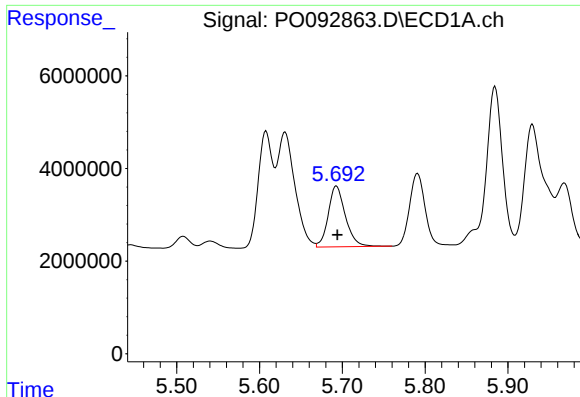
#4 AR-1016-2

R.T.: 5.631 min  
Delta R.T.: 0.000 min  
Response: 36930822  
Conc: 277.09 ng/ml



#4 AR-1016-2

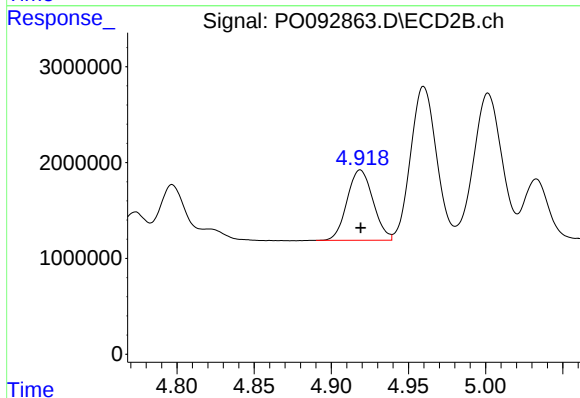
R.T.: 4.741 min  
Delta R.T.: -0.002 min  
Response: 12799974  
Conc: 221.68 ng/ml



#5 AR-1016-3

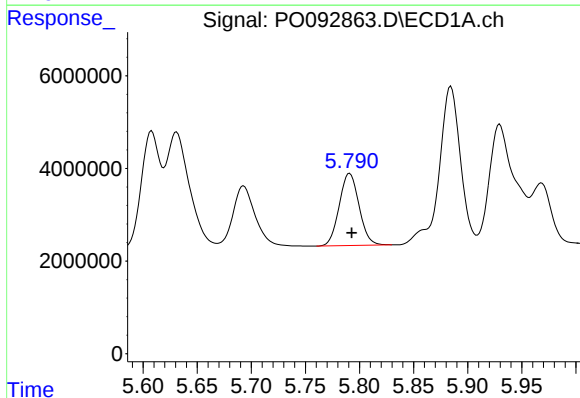
R.T.: 5.693 min  
Delta R.T.: -0.001 min  
Response: 18950516  
Conc: 218.27 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



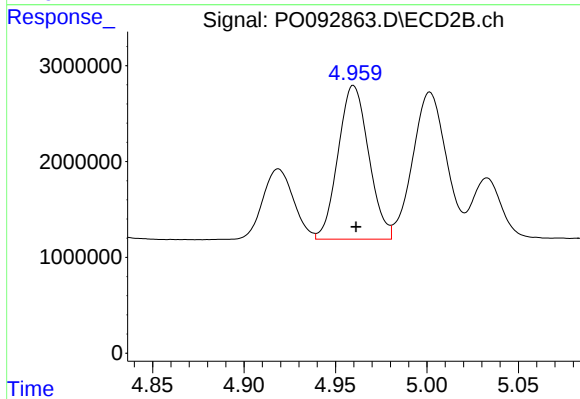
#5 AR-1016-3

R.T.: 4.919 min  
Delta R.T.: 0.000 min  
Response: 8590279  
Conc: 274.13 ng/ml



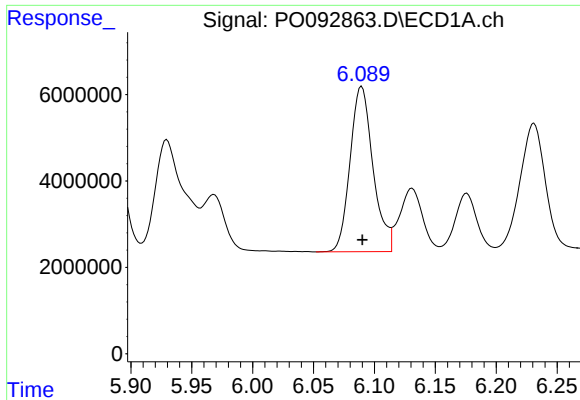
#6 AR-1016-4

R.T.: 5.791 min  
Delta R.T.: -0.002 min  
Response: 19855197  
Conc: 304.05 ng/ml



#6 AR-1016-4

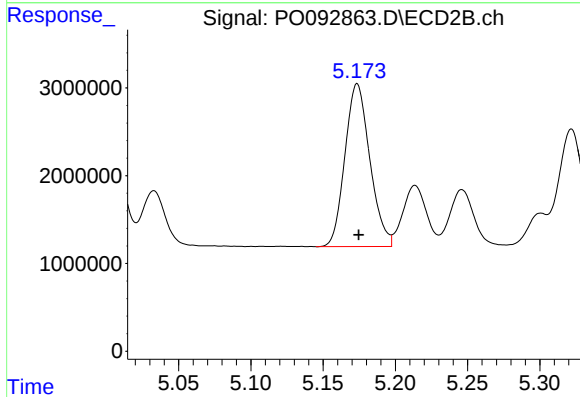
R.T.: 4.960 min  
Delta R.T.: -0.001 min  
Response: 18693722  
Conc: 668.66 ng/ml



#7 AR-1016-5

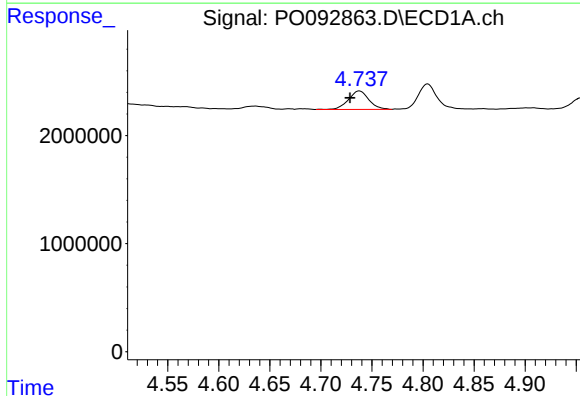
R.T.: 6.090 min  
Delta R.T.: 0.000 min  
Response: 50108881  
Conc: 705.06 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



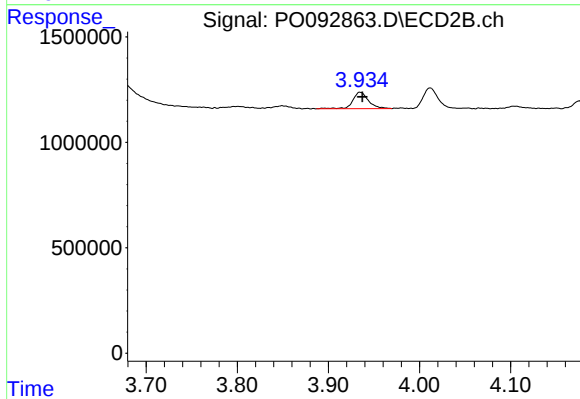
#7 AR-1016-5

R.T.: 5.174 min  
Delta R.T.: 0.000 min  
Response: 22274315  
Conc: 627.93 ng/ml



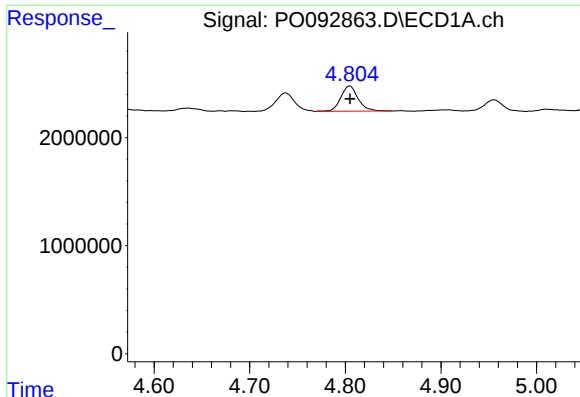
#9 AR-1221-2

R.T.: 4.738 min  
Delta R.T.: 0.009 min  
Response: 2367402  
Conc: 82.28 ng/ml



#9 AR-1221-2

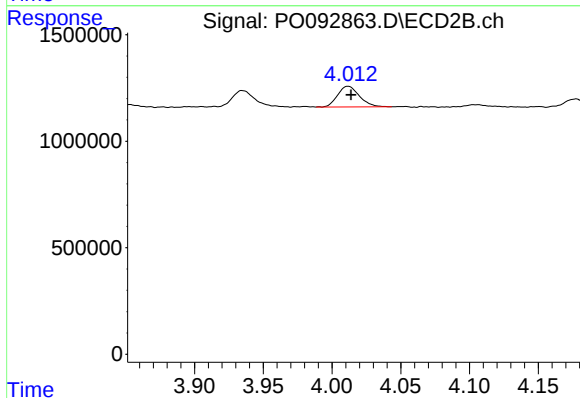
R.T.: 3.935 min  
Delta R.T.: -0.003 min  
Response: 950935  
Conc: 78.54 ng/ml



#10 AR-1221-3

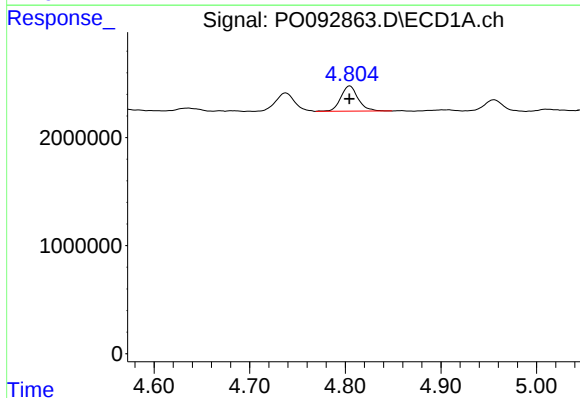
R.T.: 4.805 min  
Delta R.T.: 0.000 min  
Response: 2925670  
Conc: 33.22 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



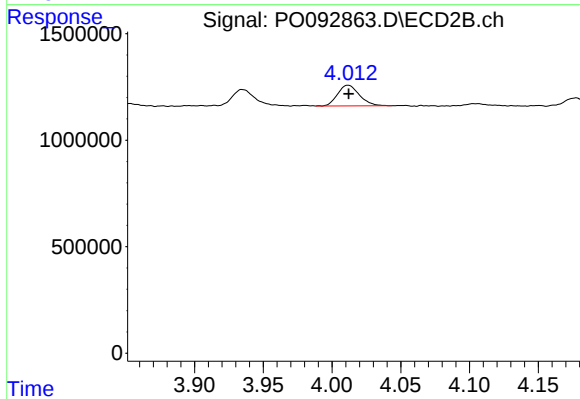
#10 AR-1221-3

R.T.: 4.012 min  
Delta R.T.: -0.002 min  
Response: 1075118  
Conc: 28.87 ng/ml



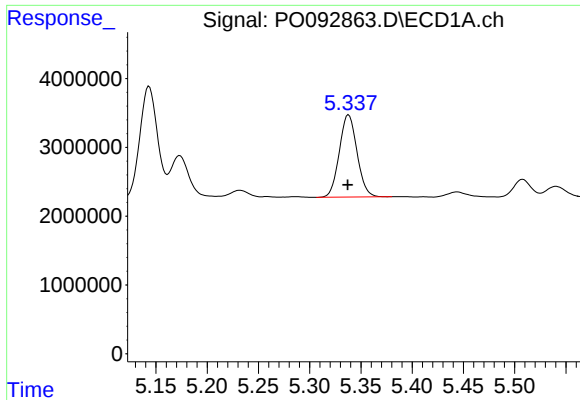
#11 AR-1232-1

R.T.: 4.805 min  
Delta R.T.: 0.000 min  
Response: 2925670  
Conc: 41.63 ng/ml



#11 AR-1232-1

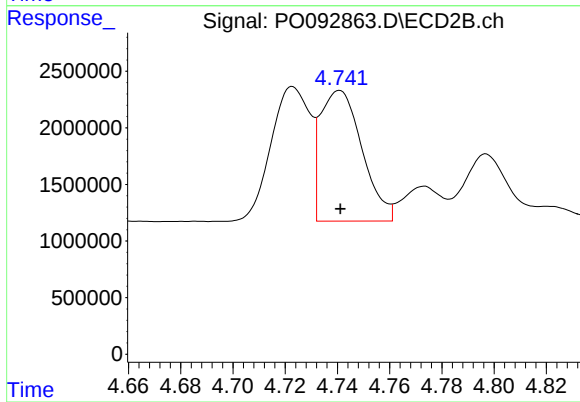
R.T.: 4.012 min  
Delta R.T.: 0.000 min  
Response: 1075118  
Conc: 34.34 ng/ml



#12 AR-1232-2

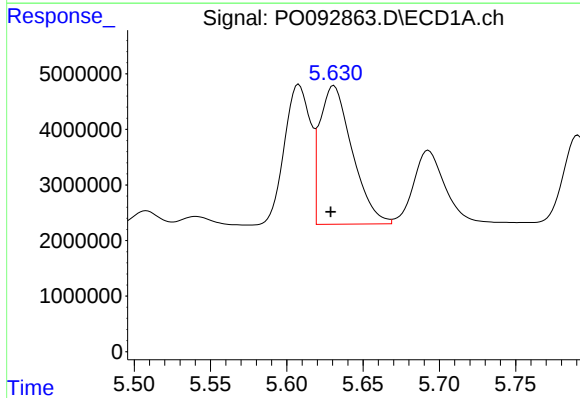
R.T.: 5.338 min  
Delta R.T.: 0.000 min  
Response: 14369286  
Conc: 417.81 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



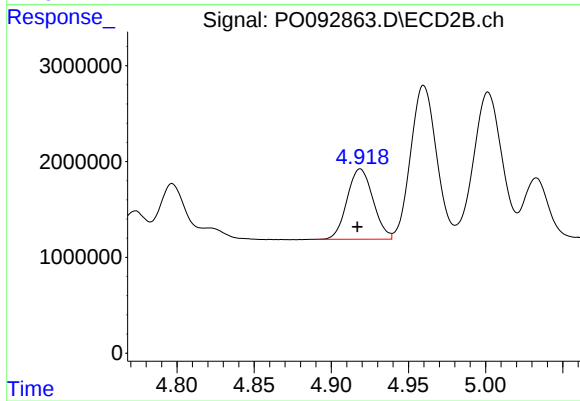
#12 AR-1232-2

R.T.: 4.741 min  
Delta R.T.: 0.000 min  
Response: 12799974  
Conc: 475.15 ng/ml



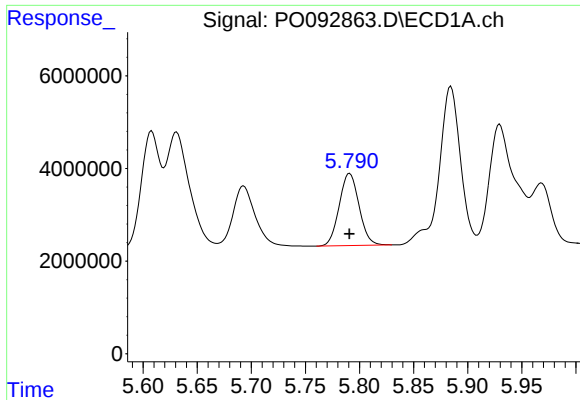
#13 AR-1232-3

R.T.: 5.631 min  
Delta R.T.: 0.002 min  
Response: 36930822  
Conc: 604.09 ng/ml



#13 AR-1232-3

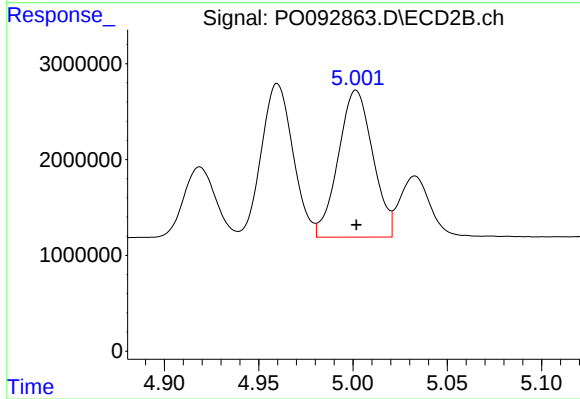
R.T.: 4.919 min  
Delta R.T.: 0.002 min  
Response: 8590279  
Conc: 612.82 ng/ml



#14 AR-1232-4

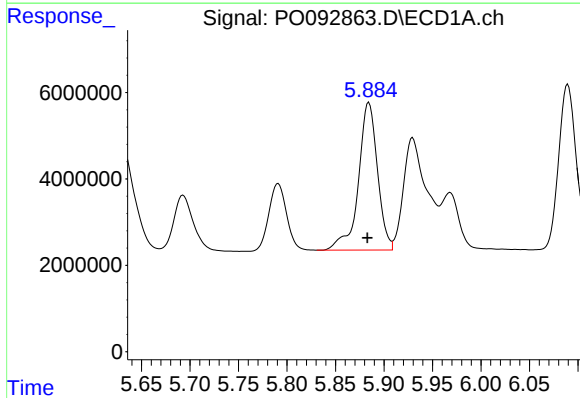
R.T.: 5.791 min  
Delta R.T.: 0.000 min  
Response: 19855197  
Conc: 672.72 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



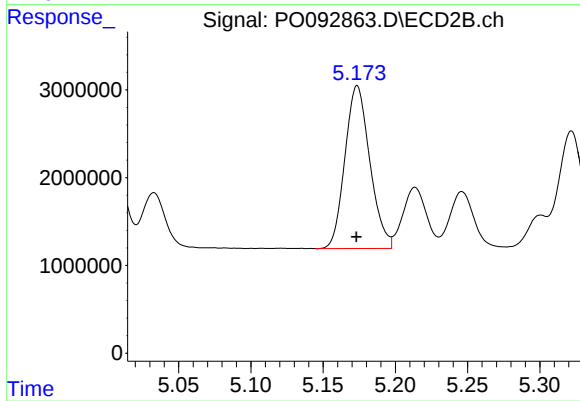
#14 AR-1232-4

R.T.: 5.002 min  
Delta R.T.: 0.000 min  
Response: 19545728  
Conc: 1374.38 ng/ml



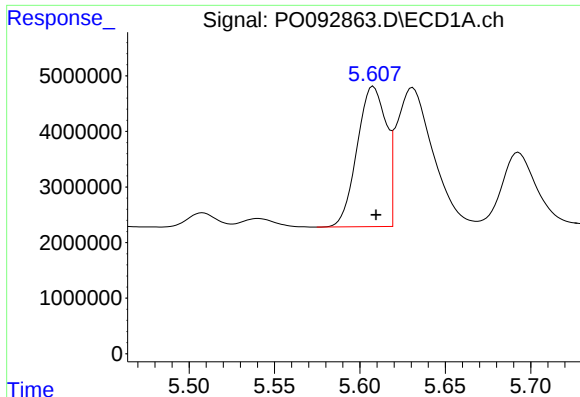
#15 AR-1232-5

R.T.: 5.884 min  
Delta R.T.: 0.002 min  
Response: 46720515  
Conc: 1799.11 ng/ml



#15 AR-1232-5

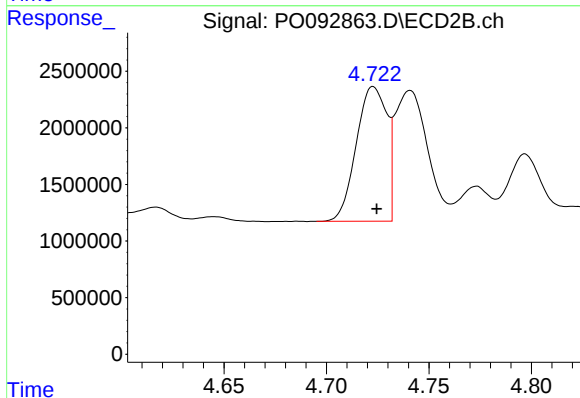
R.T.: 5.174 min  
Delta R.T.: 0.000 min  
Response: 22274315  
Conc: 1432.41 ng/ml



#16 AR-1242-1

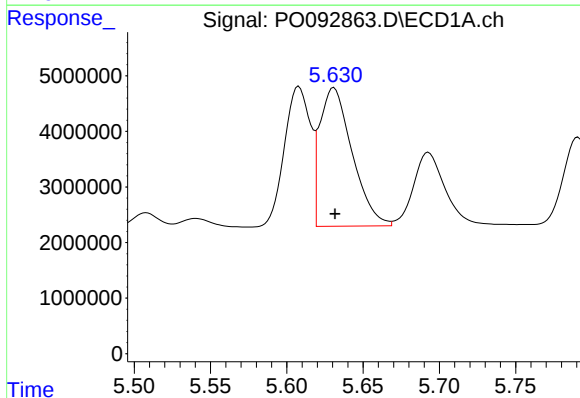
R.T.: 5.608 min  
Delta R.T.: -0.002 min  
Response: 29954237  
Conc: 379.64 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



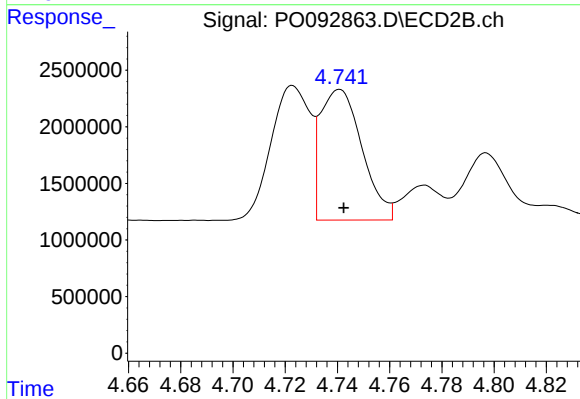
#16 AR-1242-1

R.T.: 4.723 min  
Delta R.T.: -0.002 min  
Response: 12334785  
Conc: 367.31 ng/ml



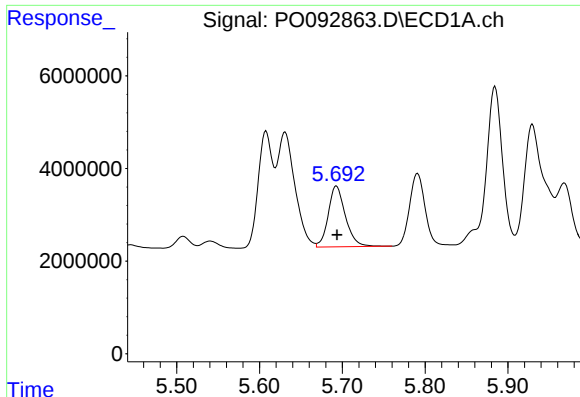
#17 AR-1242-2

R.T.: 5.631 min  
Delta R.T.: 0.000 min  
Response: 36930822  
Conc: 321.05 ng/ml



#17 AR-1242-2

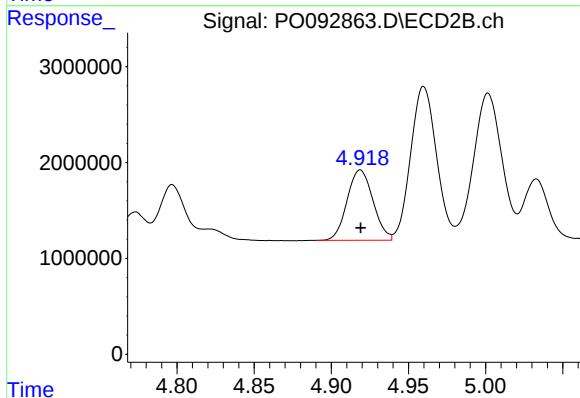
R.T.: 4.741 min  
Delta R.T.: -0.002 min  
Response: 12799974  
Conc: 266.93 ng/ml



#18 AR-1242-3

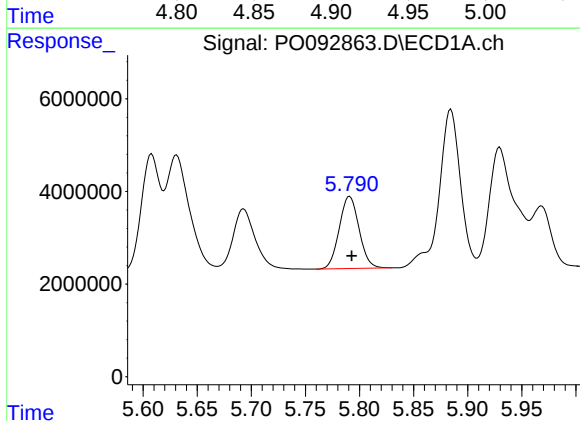
R.T.: 5.693 min  
Delta R.T.: 0.000 min  
Response: 18950516  
Conc: 256.70 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



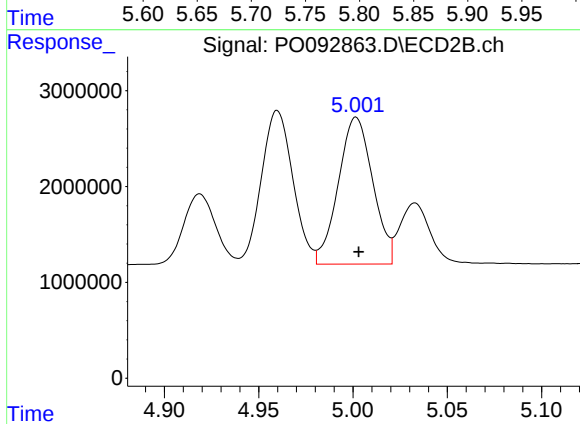
#18 AR-1242-3

R.T.: 4.919 min  
Delta R.T.: 0.000 min  
Response: 8590279  
Conc: 329.89 ng/ml



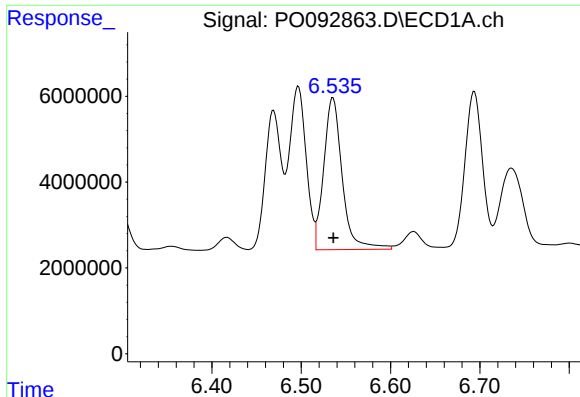
#19 AR-1242-4

R.T.: 5.791 min  
Delta R.T.: -0.002 min  
Response: 19855197  
Conc: 358.48 ng/ml



#19 AR-1242-4

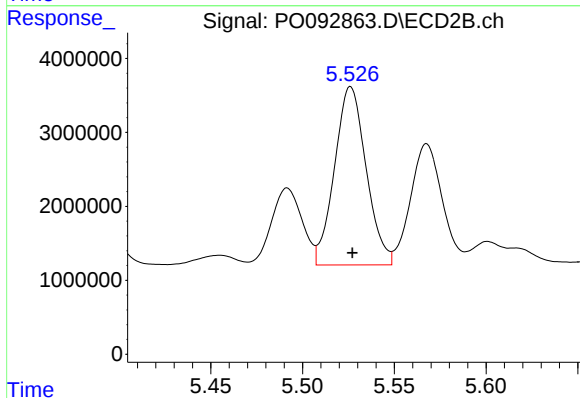
R.T.: 5.002 min  
Delta R.T.: -0.001 min  
Response: 19545728  
Conc: 677.84 ng/ml



#20 AR-1242-5

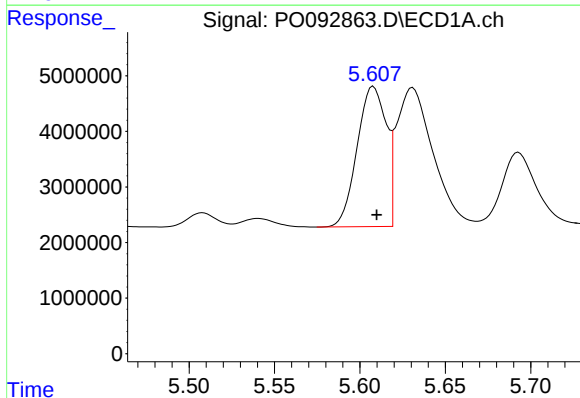
R.T.: 6.536 min  
Delta R.T.: 0.000 min  
Response: 50930285  
Conc: 869.52 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



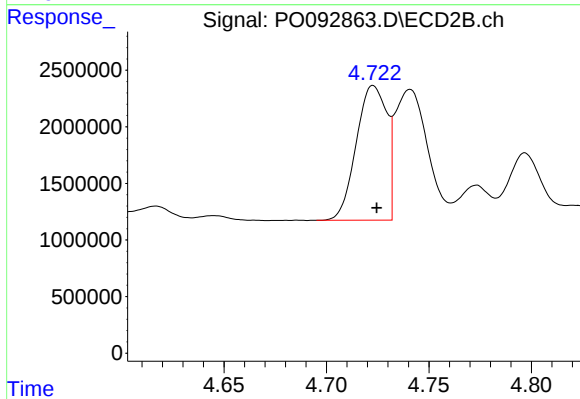
#20 AR-1242-5

R.T.: 5.526 min  
Delta R.T.: 0.000 min  
Response: 28955655  
Conc: 925.42 ng/ml



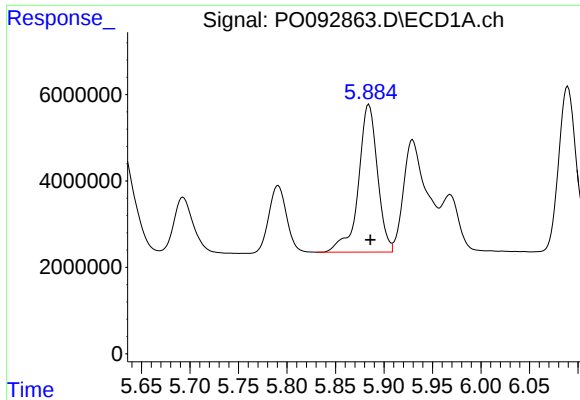
#21 AR-1248-1

R.T.: 5.608 min  
Delta R.T.: -0.002 min  
Response: 29954237  
Conc: 488.65 ng/ml



#21 AR-1248-1

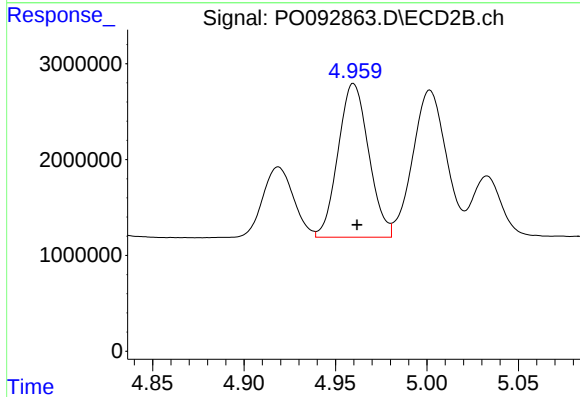
R.T.: 4.723 min  
Delta R.T.: -0.002 min  
Response: 12334785  
Conc: 471.07 ng/ml



#22 AR-1248-2

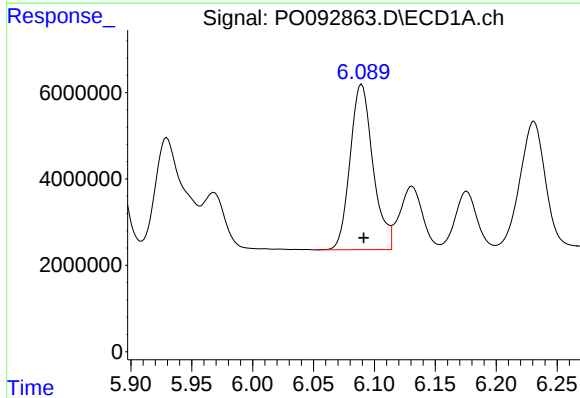
R.T.: 5.884 min  
Delta R.T.: -0.001 min  
Response: 46720515  
Conc: 485.47 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



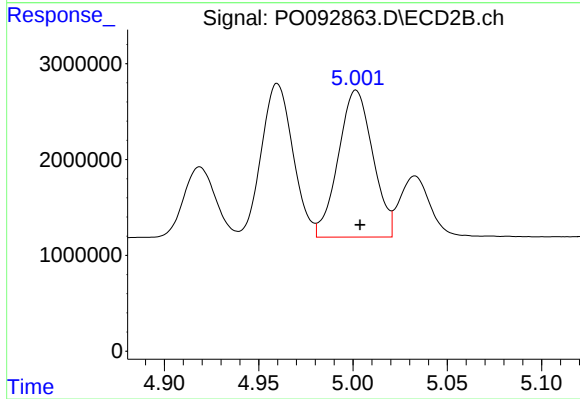
#22 AR-1248-2

R.T.: 4.960 min  
Delta R.T.: -0.002 min  
Response: 18693722  
Conc: 462.05 ng/ml



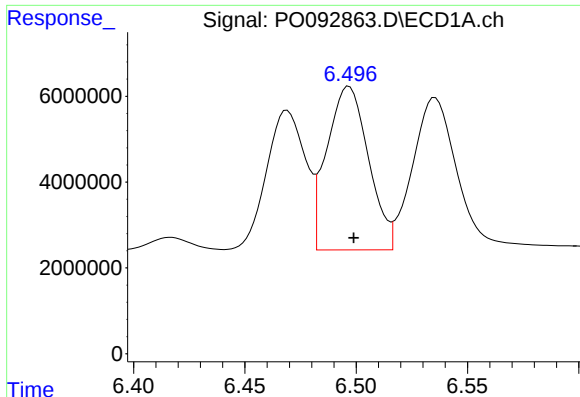
#23 AR-1248-3

R.T.: 6.090 min  
Delta R.T.: -0.002 min  
Response: 50108881  
Conc: 488.30 ng/ml



#23 AR-1248-3

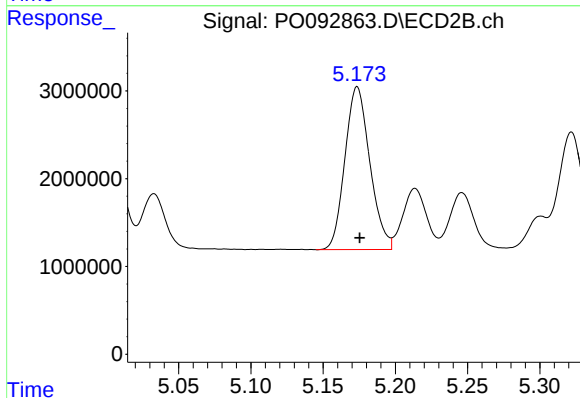
R.T.: 5.002 min  
Delta R.T.: -0.002 min  
Response: 19545728  
Conc: 463.77 ng/ml



#24 AR-1248-4

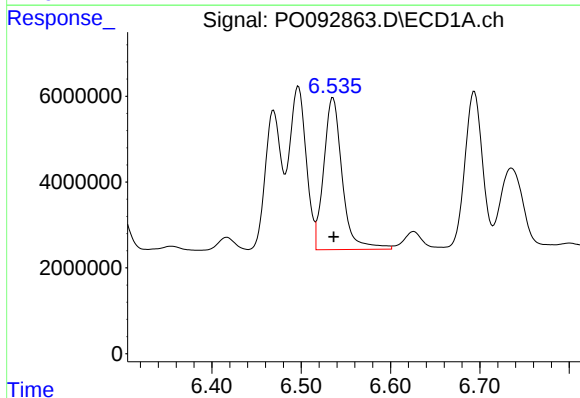
R.T.: 6.497 min  
Delta R.T.: -0.002 min  
Response: 49582626  
Conc: 495.44 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



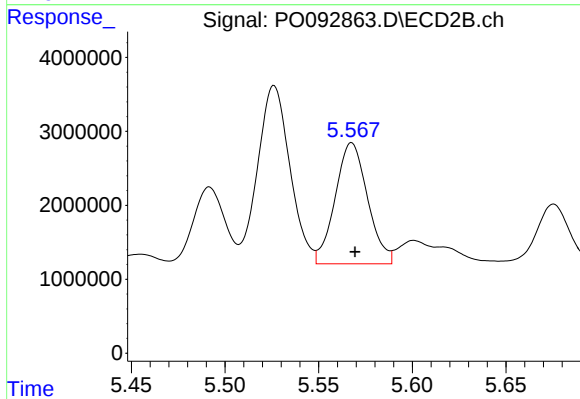
#24 AR-1248-4

R.T.: 5.174 min  
Delta R.T.: -0.002 min  
Response: 22274315  
Conc: 461.14 ng/ml



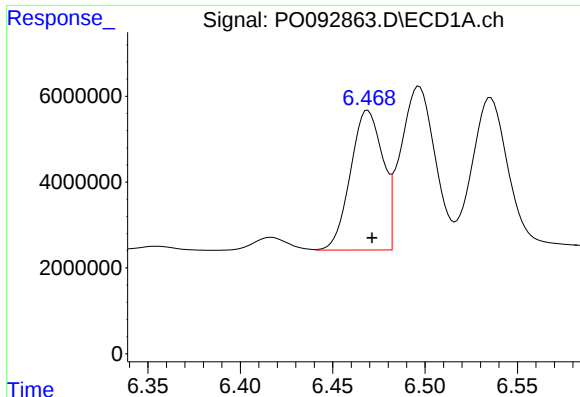
#25 AR-1248-5

R.T.: 6.536 min  
Delta R.T.: -0.001 min  
Response: 50930285  
Conc: 503.12 ng/ml



#25 AR-1248-5

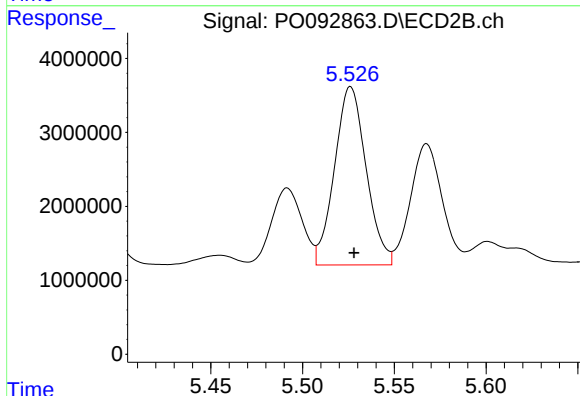
R.T.: 5.568 min  
Delta R.T.: -0.002 min  
Response: 19735264  
Conc: 472.85 ng/ml



#26 AR-1254-1

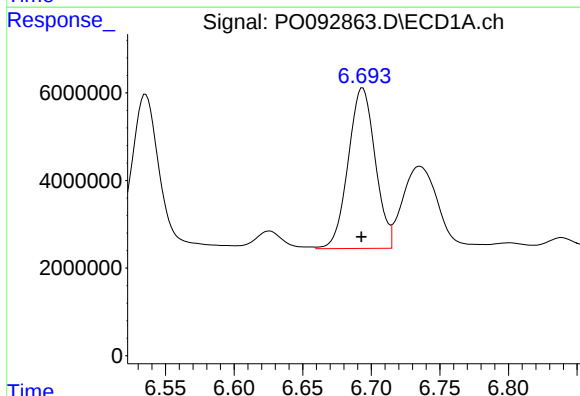
R.T.: 6.469 min  
Delta R.T.: -0.002 min  
Response: 39646260  
Conc: 349.67 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



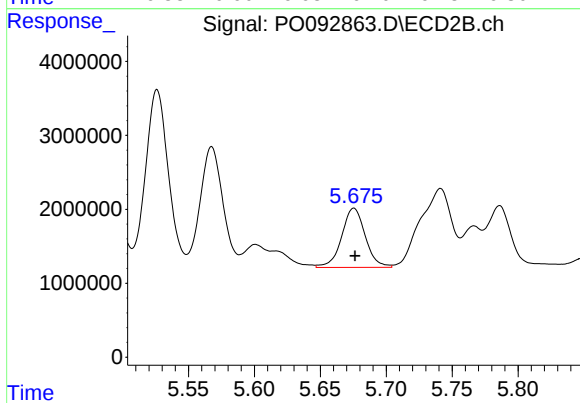
#26 AR-1254-1

R.T.: 5.526 min  
Delta R.T.: -0.002 min  
Response: 28955655  
Conc: 413.59 ng/ml



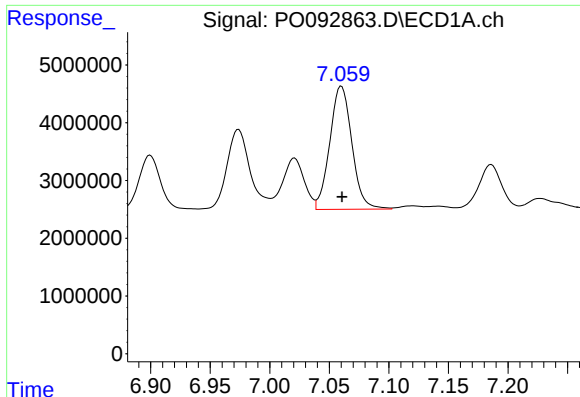
#27 AR-1254-2

R.T.: 6.694 min  
Delta R.T.: 0.001 min  
Response: 50216085  
Conc: 302.13 ng/ml



#27 AR-1254-2

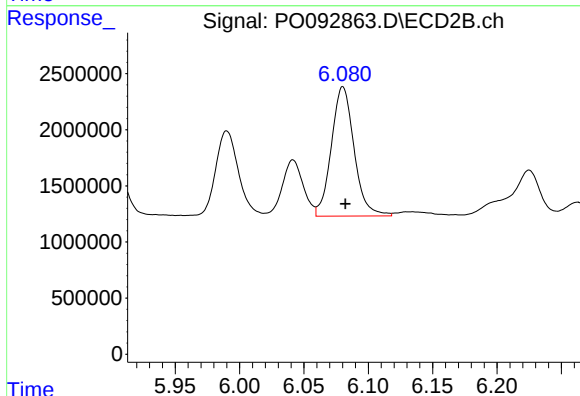
R.T.: 5.675 min  
Delta R.T.: -0.001 min  
Response: 10016359  
Conc: 159.65 ng/ml



#28 AR-1254-3

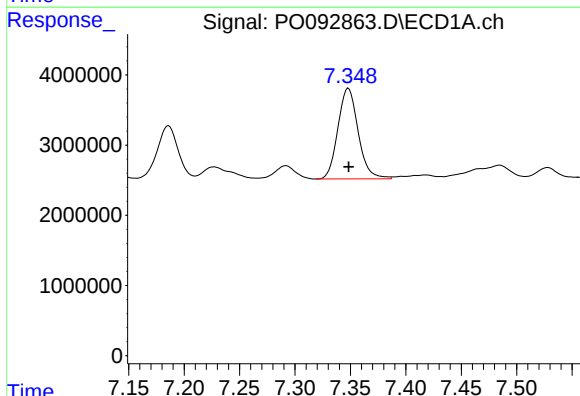
R.T.: 7.060 min  
Delta R.T.: 0.000 min  
Response: 27573175  
Conc: 168.44 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



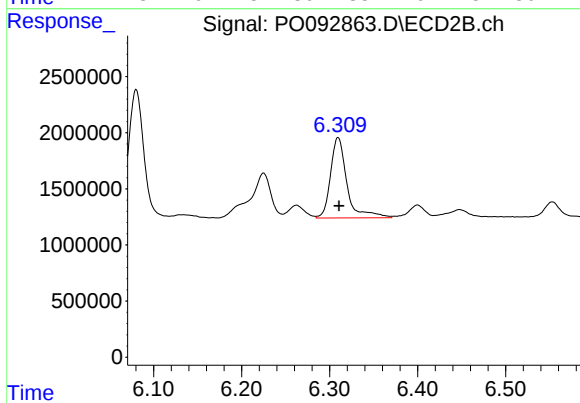
#28 AR-1254-3

R.T.: 6.080 min  
Delta R.T.: -0.002 min  
Response: 14188990  
Conc: 147.19 ng/ml



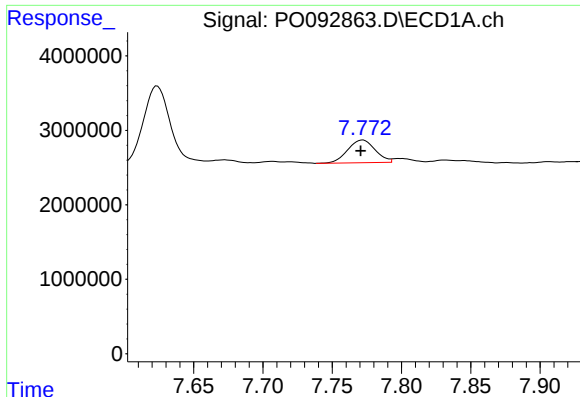
#29 AR-1254-4

R.T.: 7.348 min  
Delta R.T.: 0.000 min  
Response: 16438147  
Conc: 158.39 ng/ml



#29 AR-1254-4

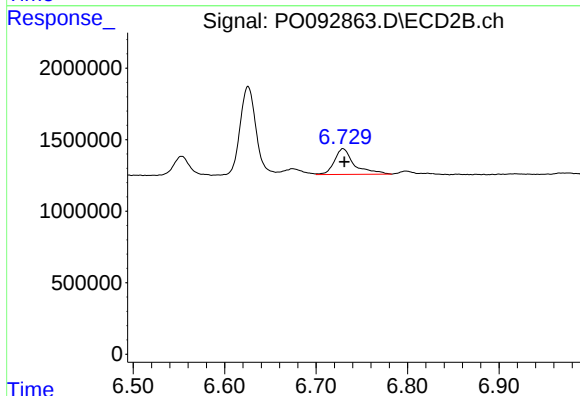
R.T.: 6.310 min  
Delta R.T.: -0.001 min  
Response: 9281080  
Conc: 179.86 ng/ml



#30 AR-1254-5

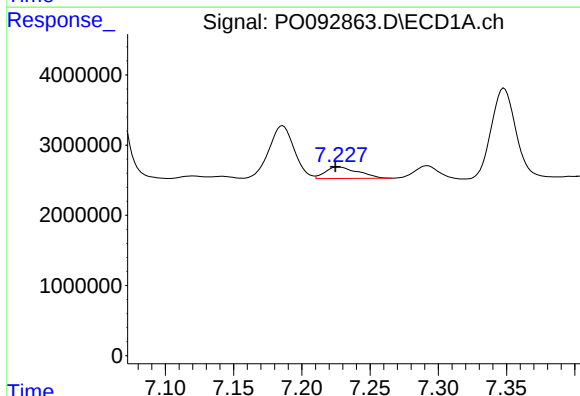
R.T.: 7.772 min  
Delta R.T.: 0.002 min  
Response: 4190831  
Conc: 34.18 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



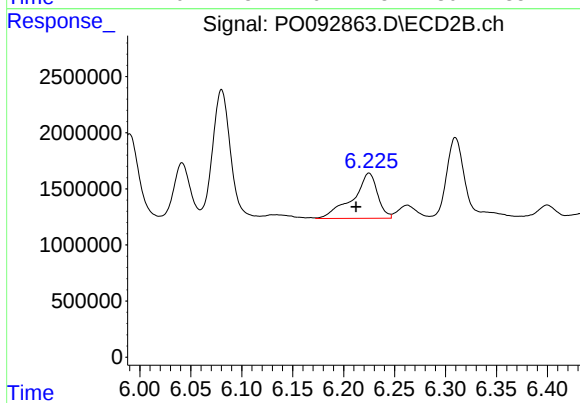
#30 AR-1254-5

R.T.: 6.730 min  
Delta R.T.: -0.001 min  
Response: 2712822  
Conc: 33.41 ng/ml



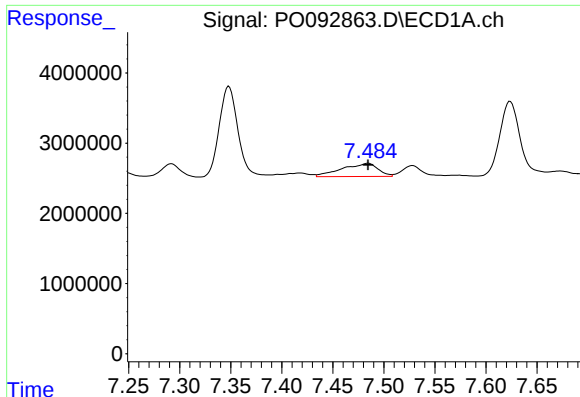
#31 AR-1260-1

R.T.: 7.227 min  
Delta R.T.: 0.003 min  
Response: 2743491  
Conc: 22.48 ng/ml



#31 AR-1260-1

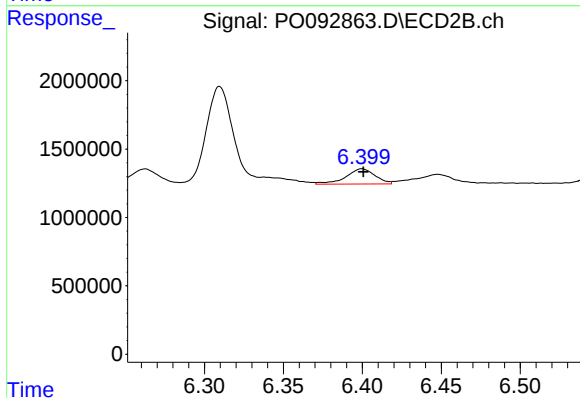
R.T.: 6.225 min  
Delta R.T.: 0.013 min  
Response: 6859109  
Conc: 100.68 ng/ml



#32 AR-1260-2

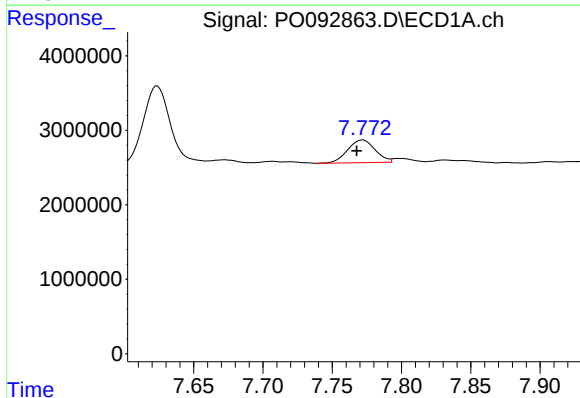
R.T.: 7.485 min  
Delta R.T.: 0.000 min  
Response: 4583621  
Conc: 31.19 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



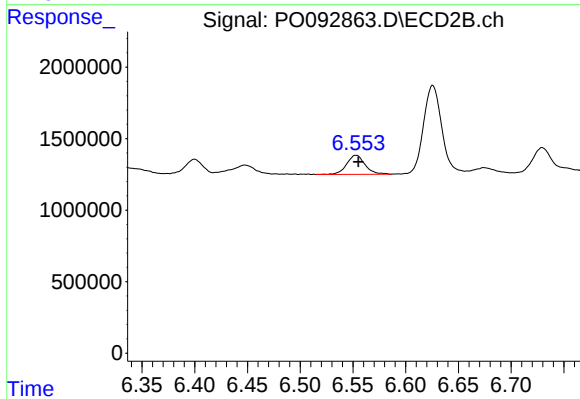
#32 AR-1260-2

R.T.: 6.400 min  
Delta R.T.: 0.000 min  
Response: 1426791  
Conc: 17.75 ng/ml



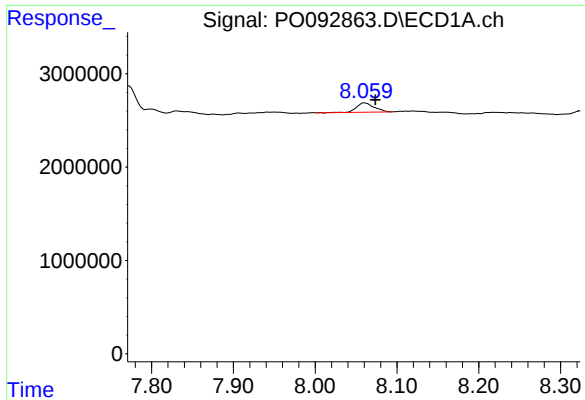
#33 AR-1260-3

R.T.: 7.772 min  
Delta R.T.: 0.005 min  
Response: 4190831  
Conc: 26.66 ng/ml



#33 AR-1260-3

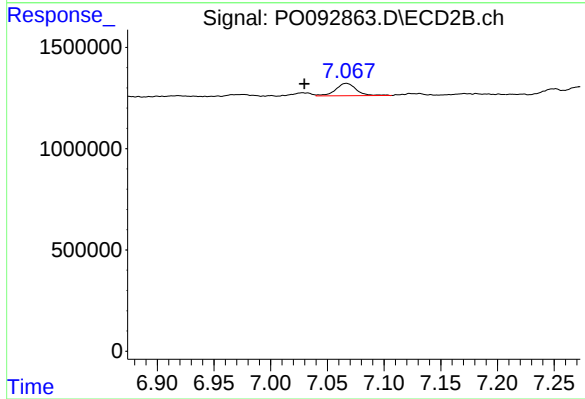
R.T.: 6.553 min  
Delta R.T.: -0.002 min  
Response: 1608880  
Conc: 19.93 ng/ml



#34 AR-1260-4

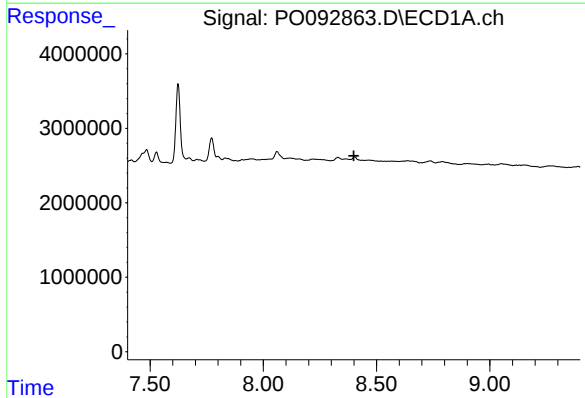
R.T.: 8.060 min  
Delta R.T.: -0.014 min  
Response: 1476130  
Conc: 12.60 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



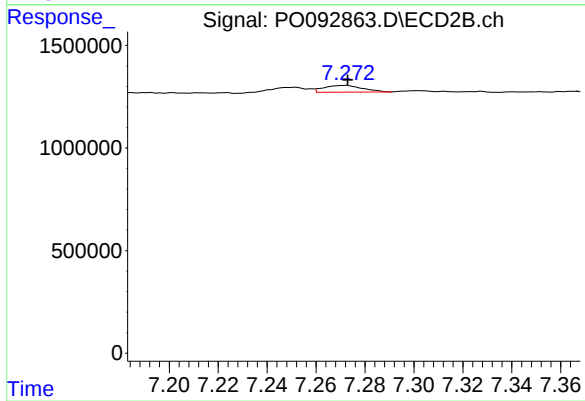
#34 AR-1260-4

R.T.: 7.067 min  
Delta R.T.: 0.037 min  
Response: 780378  
Conc: 12.82 ng/ml



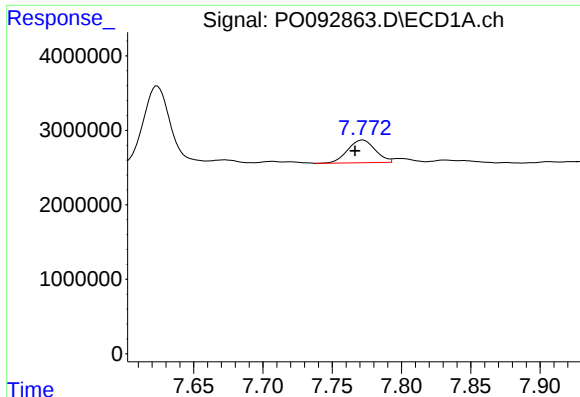
#35 AR-1260-5

R.T.: 0.000 min  
Exp R.T. : 8.400 min  
Response: 0  
Conc: N.D.



#35 AR-1260-5

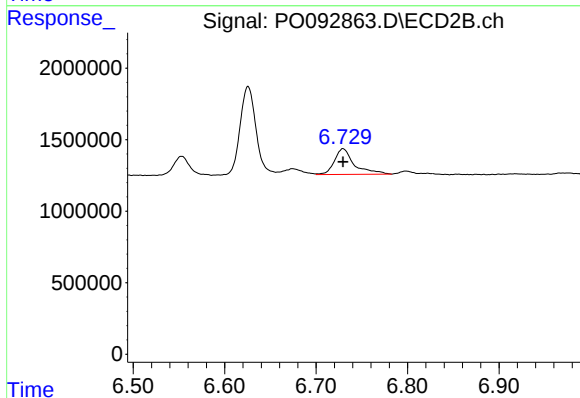
R.T.: 7.272 min  
Delta R.T.: -0.001 min  
Response: 358817  
Conc: 2.81 ng/ml



#36 AR-1262-1

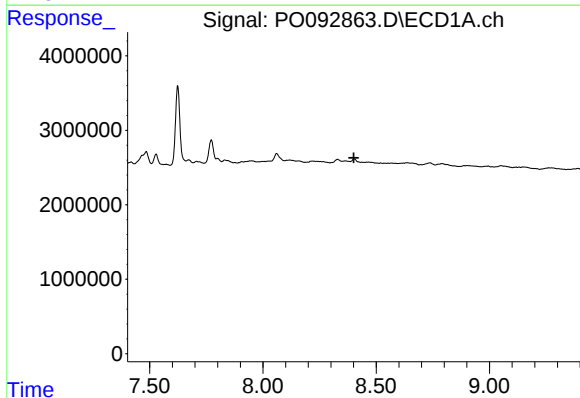
R.T.: 7.772 min  
Delta R.T.: 0.006 min  
Response: 4190831  
Conc: 43.48 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



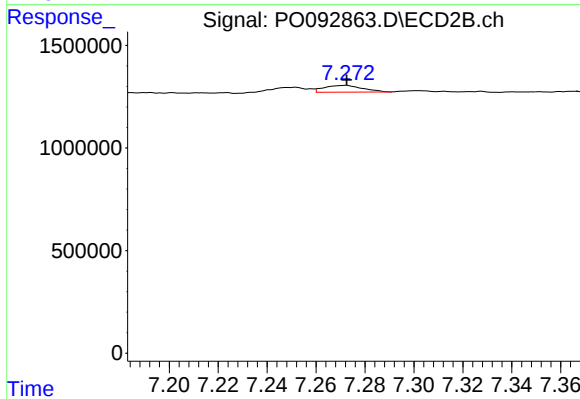
#36 AR-1262-1

R.T.: 6.730 min  
Delta R.T.: 0.000 min  
Response: 2712822  
Conc: 64.90 ng/ml



#37 AR-1262-2

R.T.: 0.000 min  
Exp R.T. : 8.401 min  
Response: 0  
Conc: N.D.



#37 AR-1262-2

R.T.: 7.272 min  
Delta R.T.: 0.000 min  
Response: 358817  
Conc: 2.72 ng/ml