

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0022823\  
 Data File : P0092808.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 28 Feb 2023 09:33  
 Operator : YP/AJ  
 Sample : AR1242CCC500  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 28 21:59:08 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... | 4.436  | 3.638  | 156.6E6  | 59235147 | 52.148   | 46.471   |
| 2)                          | SA Decachlor... | 10.281 | 8.679  | 101.8E6  | 50155204 | 52.906   | 43.037   |
| Target Compounds            |                 |        |        |          |          |          |          |
| 3)                          | L1 AR-1016-1    | 5.615  | 4.726  | 39229012 | 15695139 | 426.826  | 388.511  |
| 4)                          | L1 AR-1016-2    | 5.637  | 4.744  | 57590157 | 22539121 | 432.095  | 390.342  |
| 5)                          | L1 AR-1016-3    | 5.700  | 4.921  | 37187215 | 12281471 | 428.317  | 391.926  |
| 6)                          | L1 AR-1016-4    | 5.798  | 4.964  | 27983083 | 10739919 | 428.516  | 384.157  |
| 7)                          | L1 AR-1016-5    | 6.097  | 5.177  | 31111952 | 14078701 | 437.765  | 396.887  |
| 8)                          | L2 AR-1221-1    | 4.642  | 3.851  | 4961381  | 1892174  | 125.522  | 117.117  |
| 9)                          | L2 AR-1221-2    | 4.734  | 3.938  | 7264275  | 2831915  | 252.468  | 233.908  |
| 10)                         | L2 AR-1221-3    | 4.810  | 4.014  | 25500352 | 10332229 | 289.546  | 277.491  |
| 11)                         | L3 AR-1232-1    | 4.810  | 4.014  | 25500352 | 10332229 | 362.885  | 330.032  |
| 12)                         | L3 AR-1232-2    | 5.345  | 4.744  | 32355773 | 22539121 | 940.800  | 836.681  |
| 13)                         | L3 AR-1232-3    | 5.637  | 4.921  | 57590157 | 12281471 | 942.020  | 876.140  |
| 14)                         | L3 AR-1232-4    | 5.798  | 5.006  | 27983083 | 13485566 | 948.107  | 948.253  |
| 15)                         | L3 AR-1232-5    | 5.891  | 5.177  | 26524021 | 14078701 | 1021.385 | 905.368  |
| 16)                         | L4 AR-1242-1    | 5.615  | 4.726  | 39229012 | 15695139 | 497.191  | 467.379  |
| 17)                         | L4 AR-1242-2    | 5.637  | 4.744  | 57590157 | 22539121 | 500.645  | 470.029  |
| 18)                         | L4 AR-1242-3    | 5.700  | 4.921  | 37187215 | 12281471 | 503.736  | 471.642  |
| 19)                         | L4 AR-1242-4    | 5.798  | 5.006  | 27983083 | 13485566 | 505.231  | 467.673  |
| 20)                         | L4 AR-1242-5    | 6.543  | 5.531  | 29943485 | 15118078 | 511.218  | 483.174  |
| 21)                         | L5 AR-1248-1    | 5.615  | 4.726  | 39229012 | 15695139 | 639.945  | 599.403  |
| 22)                         | L5 AR-1248-2    | 5.891  | 4.964  | 26524021 | 10739919 | 275.607  | 265.454  |
| 23)                         | L5 AR-1248-3    | 6.097  | 5.006  | 31111952 | 13485566 | 303.182  | 319.975  |
| 24)                         | L5 AR-1248-4    | 6.504  | 5.177  | 27603314 | 14078701 | 275.816  | 291.467  |
| 25)                         | L5 AR-1248-5    | 6.543  | 5.572  | 29943485 | 12304430 | 295.800  | 294.810  |
| 26)                         | L6 AR-1254-1    | 6.476  | 5.531  | 20915924 | 15118078 | 184.474  | 215.938  |
| 27)                         | L6 AR-1254-2    | 6.701  | 5.679  | 24541905 | 4375444  | 147.661  | 69.741 # |
| 28)                         | L6 AR-1254-3    | 7.068  | 6.085  | 9971747  | 5230175  | 60.914   | 54.256   |
| 29)                         | L6 AR-1254-4    | 7.357  | 6.315  | 6362225  | 3695668  | 61.303   | 71.618   |
| 30)                         | L6 AR-1254-5    | 7.779  | 6.735  | 2495900  | 1236241  | 20.357   | 15.226 # |
| 31)                         | L7 AR-1260-1    | 7.238  | 6.202  | 948346   | 847562   | 7.771    | 12.441 # |
| 32)                         | L7 AR-1260-2    | 7.492  | 6.405  | 2502314  | 662123   | 17.025   | 8.237 #  |
| 33)                         | L7 AR-1260-3    | 7.779  | 6.557  | 2495900  | 823770   | 15.879   | 10.205 # |
| 34)                         | L7 AR-1260-4    | 8.069  | 7.071f | 729929   | 363076   | 6.231    | 5.965    |
| 36)                         | L8 AR-1262-1    | 7.779  | 6.735  | 2495900  | 1236241  | 25.896   | 29.575   |
| -----                       |                 |        |        |          |          |          |          |

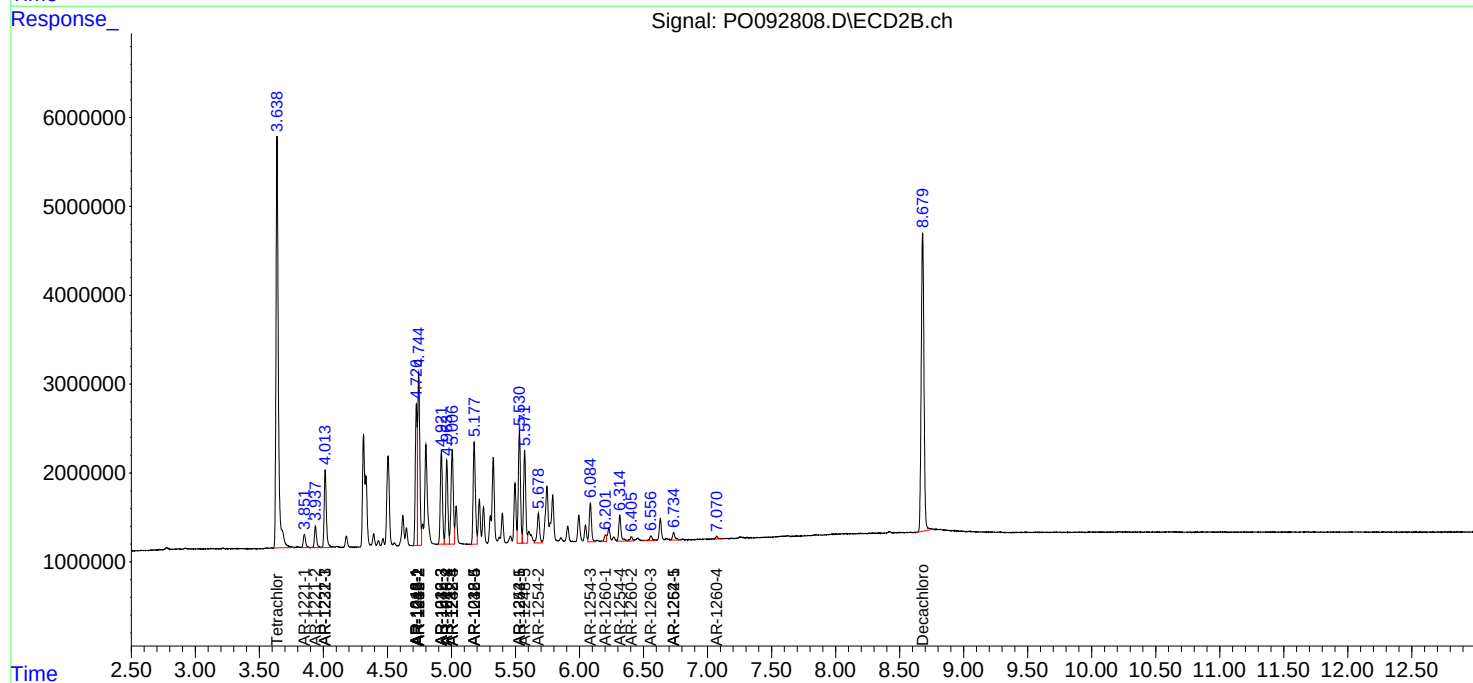
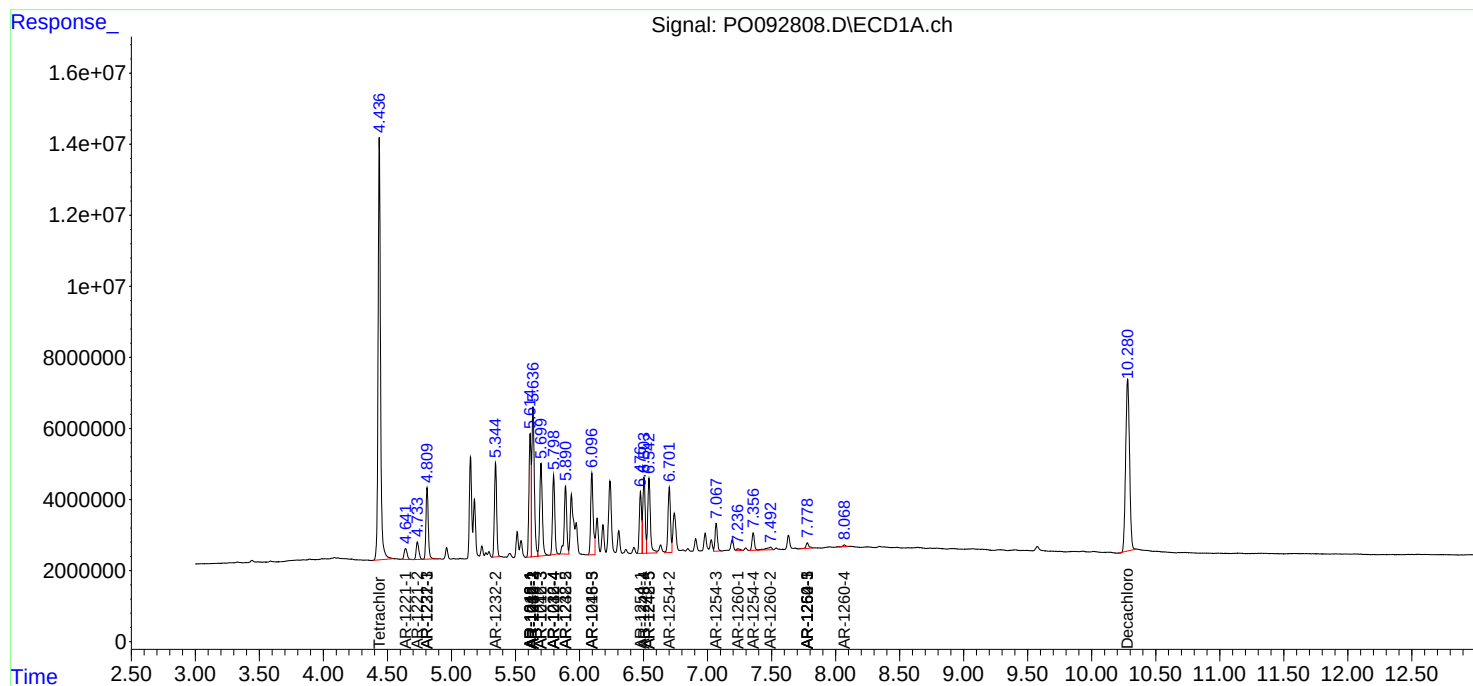
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

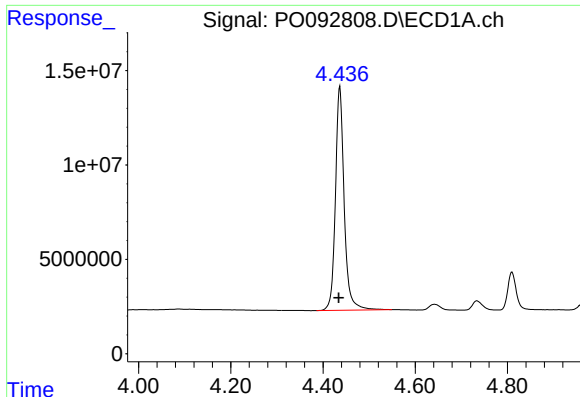
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0022823\  
Data File : P0092808.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 28 Feb 2023 09:33  
Operator : YP/AJ  
Sample : AR1242CCC500  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 28 21:59:08 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

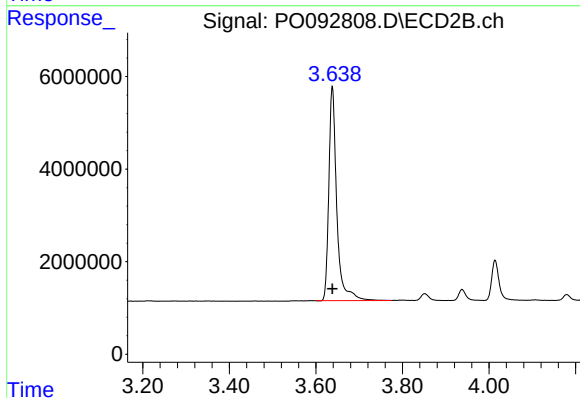




#1 Tetrachloro-m-xylene

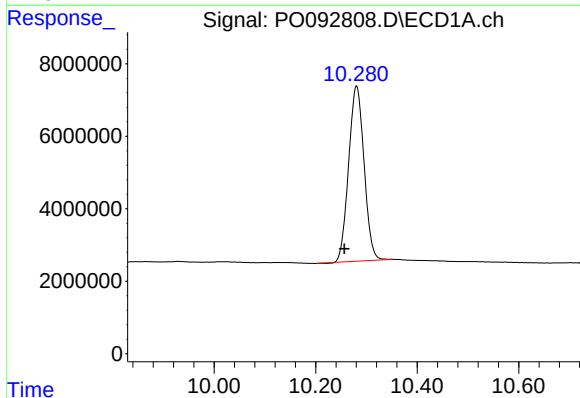
R.T.: 4.436 min  
Delta R.T.: 0.002 min  
Response: 156588391  
Conc: 52.15 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



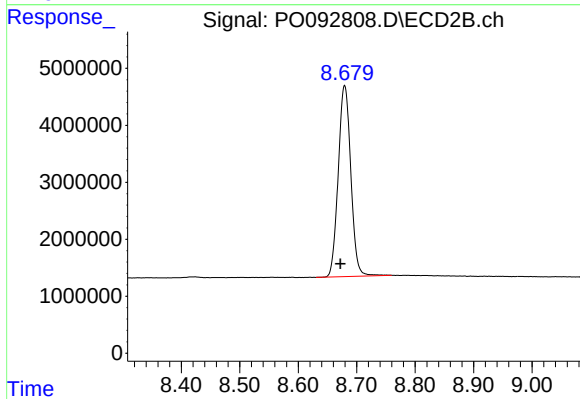
#1 Tetrachloro-m-xylene

R.T.: 3.638 min  
Delta R.T.: 0.000 min  
Response: 59235147  
Conc: 46.47 ng/ml



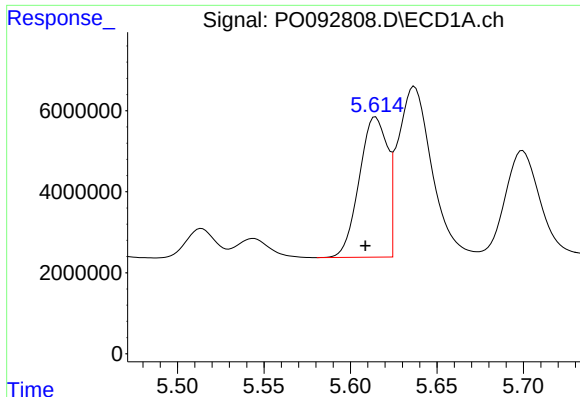
#2 Decachlorobiphenyl

R.T.: 10.281 min  
Delta R.T.: 0.024 min  
Response: 101764782  
Conc: 52.91 ng/ml



#2 Decachlorobiphenyl

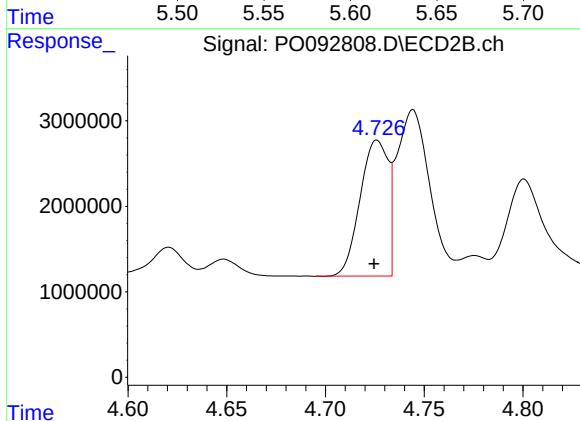
R.T.: 8.679 min  
Delta R.T.: 0.007 min  
Response: 50155204  
Conc: 43.04 ng/ml



#3 AR-1016-1

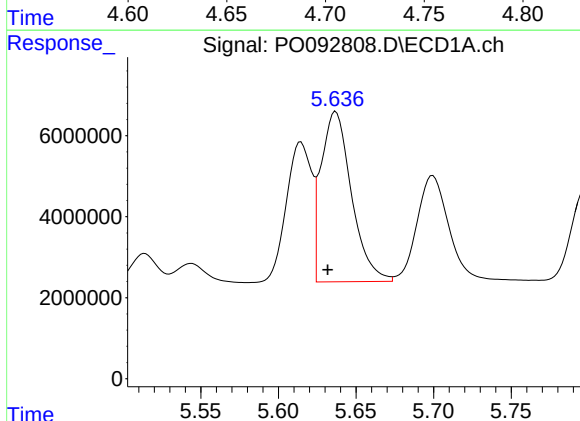
R.T.: 5.615 min  
Delta R.T.: 0.006 min  
Response: 39229012  
Conc: 426.83 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



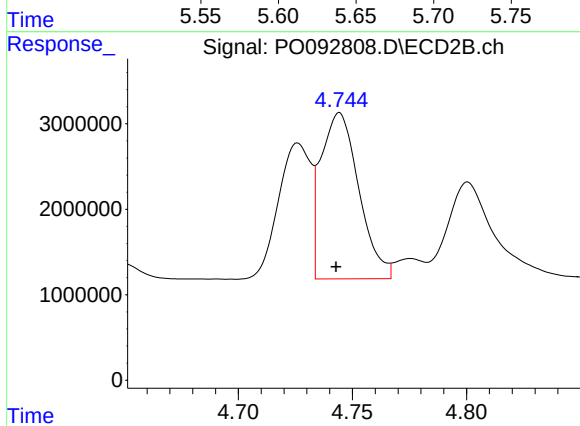
#3 AR-1016-1

R.T.: 4.726 min  
Delta R.T.: 0.002 min  
Response: 15695139  
Conc: 388.51 ng/ml



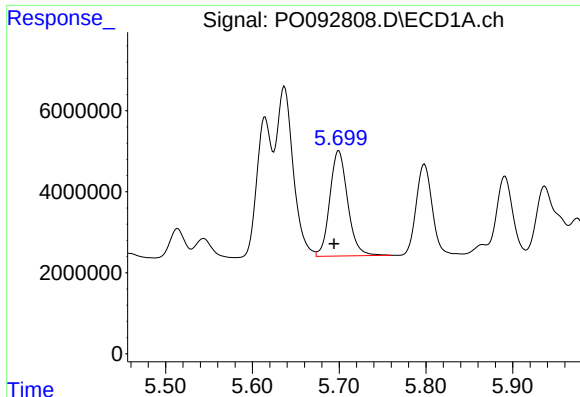
#4 AR-1016-2

R.T.: 5.637 min  
Delta R.T.: 0.005 min  
Response: 57590157  
Conc: 432.10 ng/ml



#4 AR-1016-2

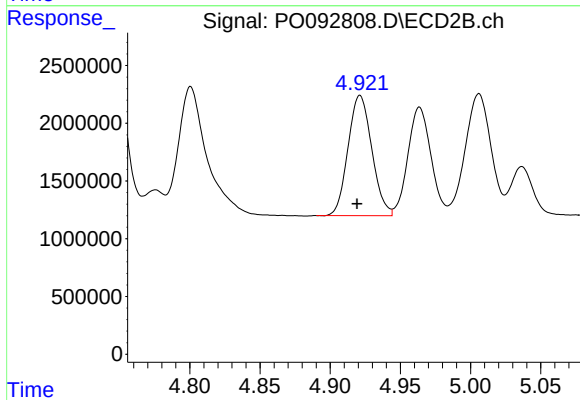
R.T.: 4.744 min  
Delta R.T.: 0.002 min  
Response: 22539121  
Conc: 390.34 ng/ml



#5 AR-1016-3

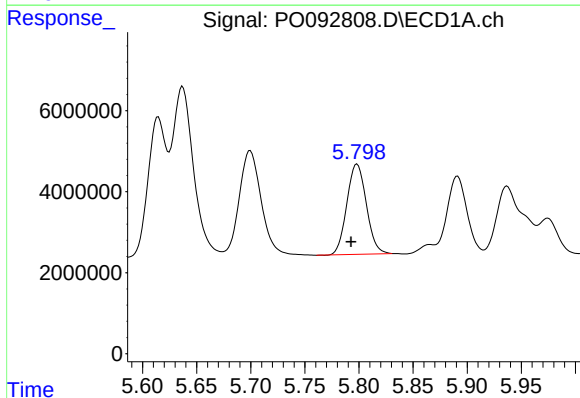
R.T.: 5.700 min  
Delta R.T.: 0.005 min  
Response: 37187215  
Conc: 428.32 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



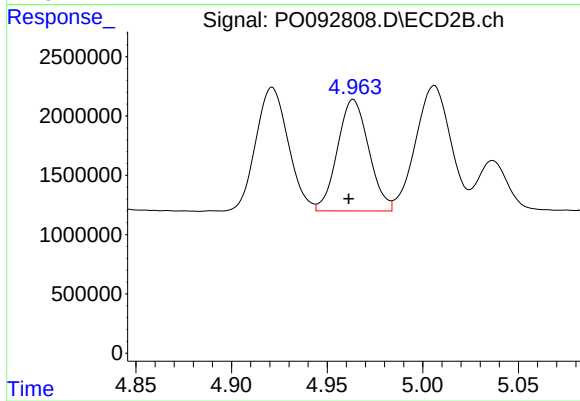
#5 AR-1016-3

R.T.: 4.921 min  
Delta R.T.: 0.002 min  
Response: 12281471  
Conc: 391.93 ng/ml



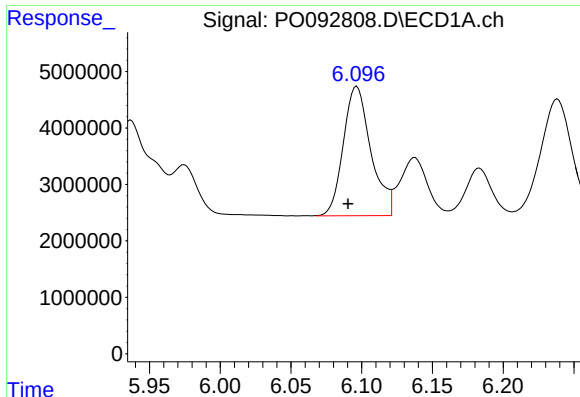
#6 AR-1016-4

R.T.: 5.798 min  
Delta R.T.: 0.005 min  
Response: 27983083  
Conc: 428.52 ng/ml



#6 AR-1016-4

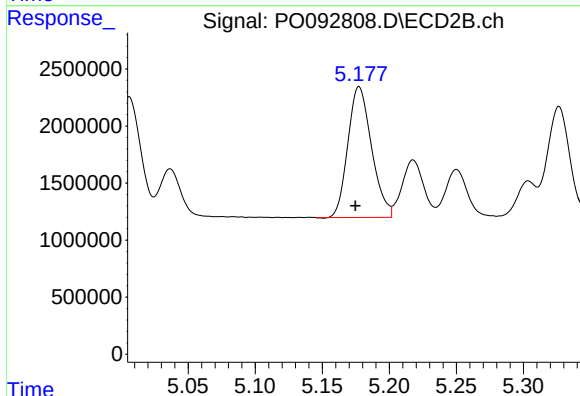
R.T.: 4.964 min  
Delta R.T.: 0.002 min  
Response: 10739919  
Conc: 384.16 ng/ml



#7 AR-1016-5

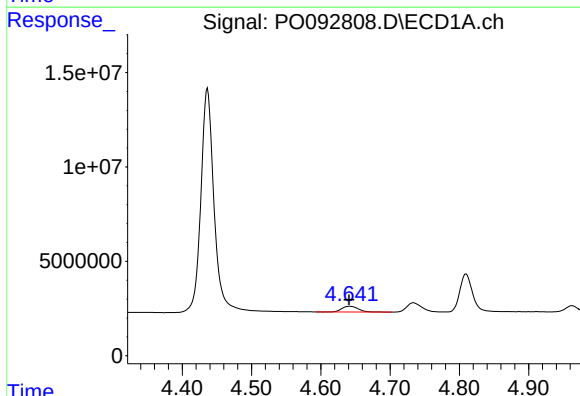
R.T.: 6.097 min  
Delta R.T.: 0.006 min  
Response: 31111952  
Conc: 437.76 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



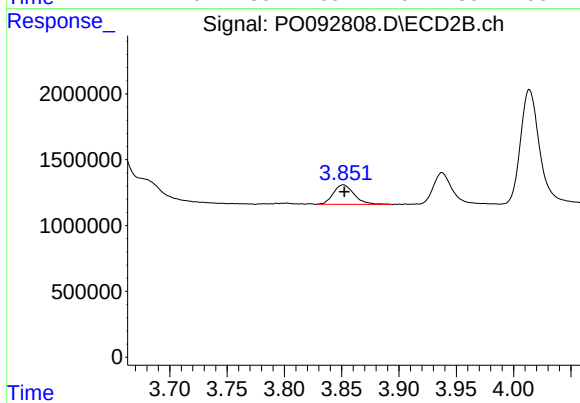
#7 AR-1016-5

R.T.: 5.177 min  
Delta R.T.: 0.003 min  
Response: 14078701  
Conc: 396.89 ng/ml



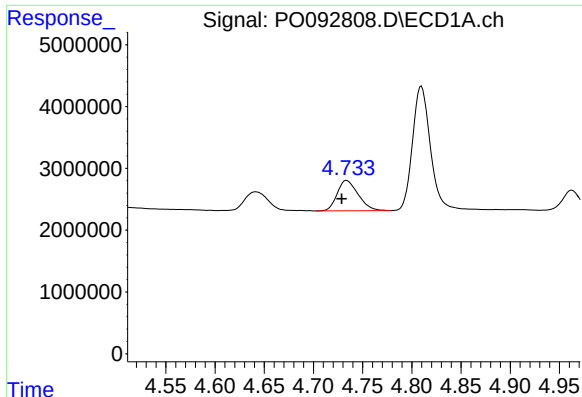
#8 AR-1221-1

R.T.: 4.642 min  
Delta R.T.: 0.000 min  
Response: 4961381  
Conc: 125.52 ng/ml



#8 AR-1221-1

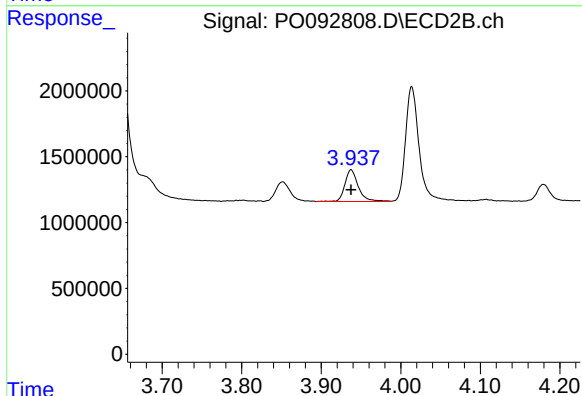
R.T.: 3.851 min  
Delta R.T.: 0.000 min  
Response: 1892174  
Conc: 117.12 ng/ml



#9 AR-1221-2

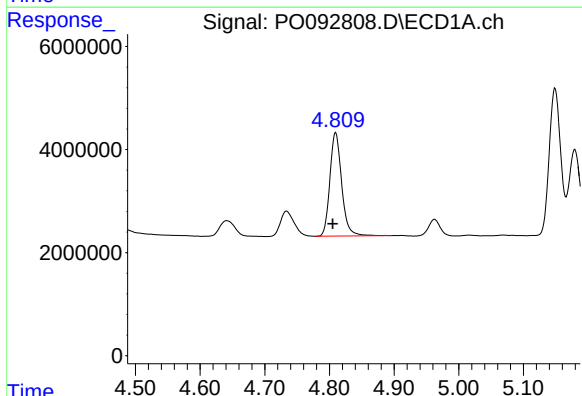
R.T.: 4.734 min  
Delta R.T.: 0.005 min  
Response: 7264275  
Conc: 252.47 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



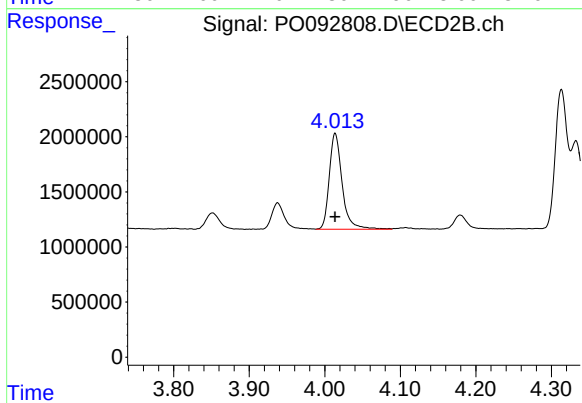
#9 AR-1221-2

R.T.: 3.938 min  
Delta R.T.: 0.000 min  
Response: 2831915  
Conc: 233.91 ng/ml



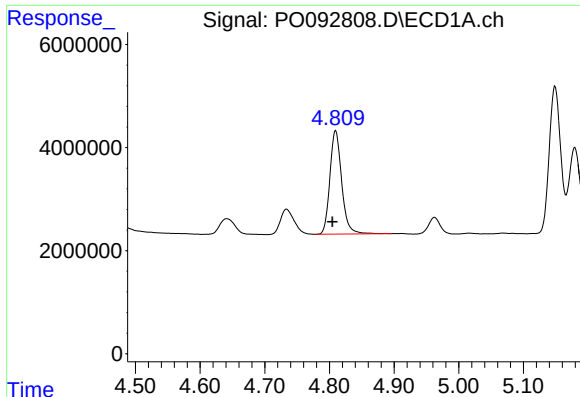
#10 AR-1221-3

R.T.: 4.810 min  
Delta R.T.: 0.005 min  
Response: 25500352  
Conc: 289.55 ng/ml



#10 AR-1221-3

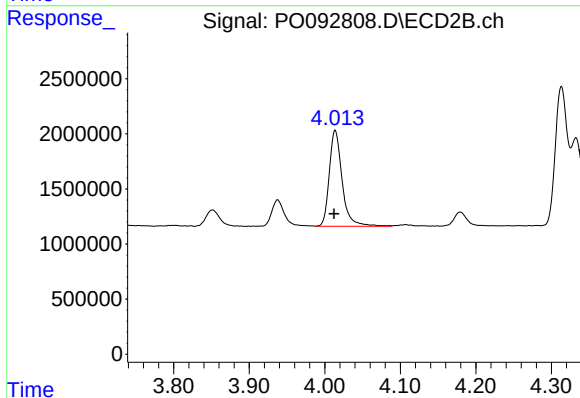
R.T.: 4.014 min  
Delta R.T.: 0.000 min  
Response: 10332229  
Conc: 277.49 ng/ml



#11 AR-1232-1

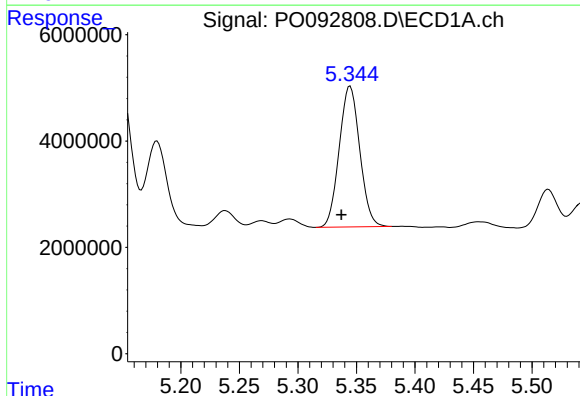
R.T.: 4.810 min  
Delta R.T.: 0.005 min  
Response: 25500352  
Conc: 362.89 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



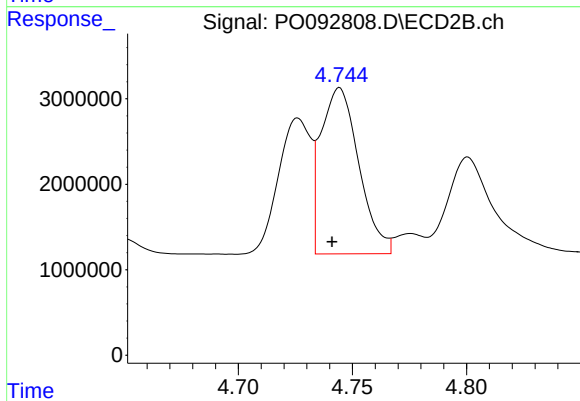
#11 AR-1232-1

R.T.: 4.014 min  
Delta R.T.: 0.002 min  
Response: 10332229  
Conc: 330.03 ng/ml



#12 AR-1232-2

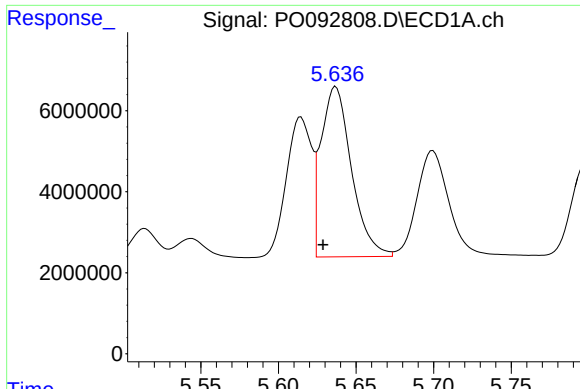
R.T.: 5.345 min  
Delta R.T.: 0.007 min  
Response: 32355773  
Conc: 940.80 ng/ml



#12 AR-1232-2

R.T.: 4.744 min  
Delta R.T.: 0.003 min  
Response: 22539121  
Conc: 836.68 ng/ml

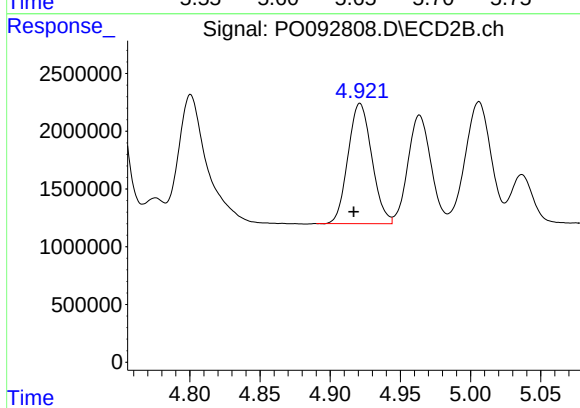




#13 AR-1232-3

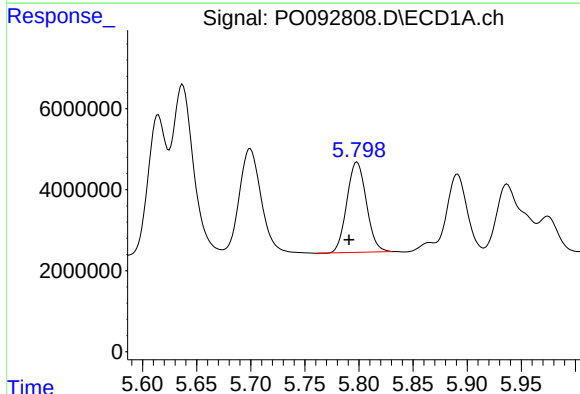
R.T.: 5.637 min  
Delta R.T.: 0.008 min  
Response: 57590157  
Conc: 942.02 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



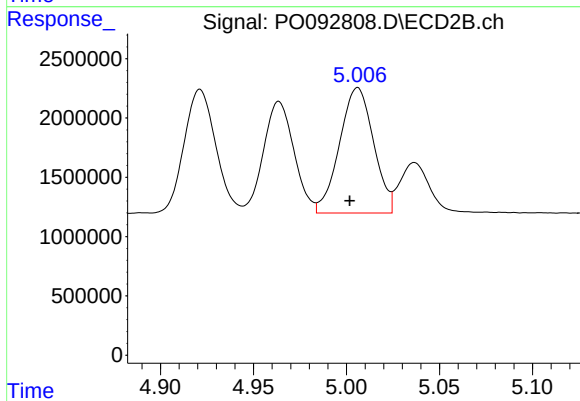
#13 AR-1232-3

R.T.: 4.921 min  
Delta R.T.: 0.004 min  
Response: 12281471  
Conc: 876.14 ng/ml



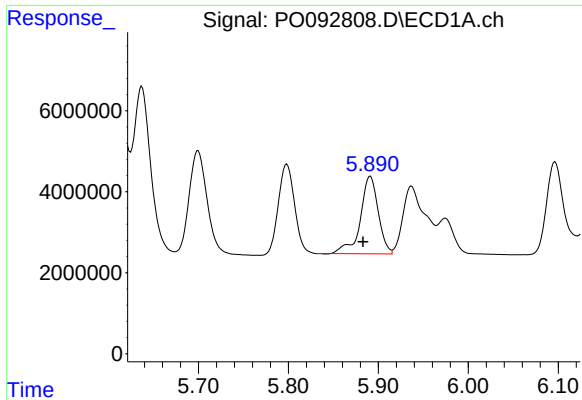
#14 AR-1232-4

R.T.: 5.798 min  
Delta R.T.: 0.008 min  
Response: 27983083  
Conc: 948.11 ng/ml



#14 AR-1232-4

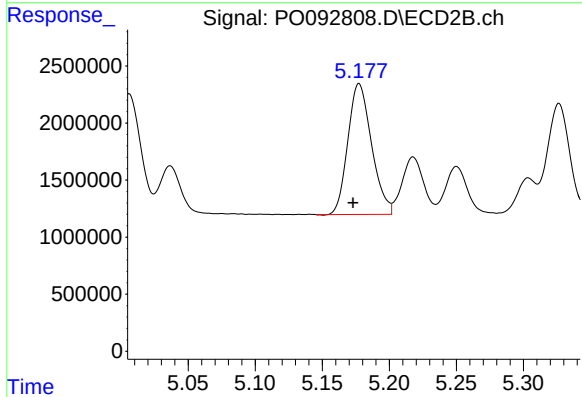
R.T.: 5.006 min  
Delta R.T.: 0.004 min  
Response: 13485566  
Conc: 948.25 ng/ml



#15 AR-1232-5

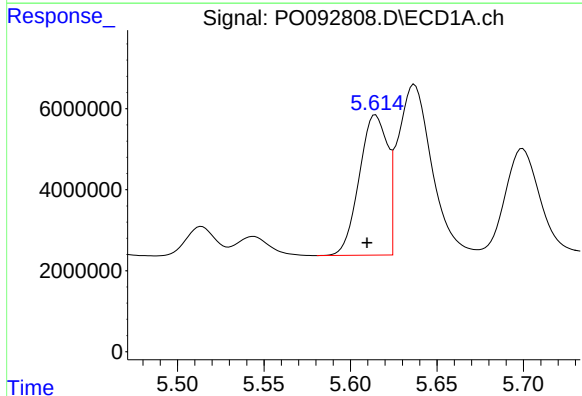
R.T.: 5.891 min  
Delta R.T.: 0.008 min  
Response: 26524021  
Conc: 1021.39 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



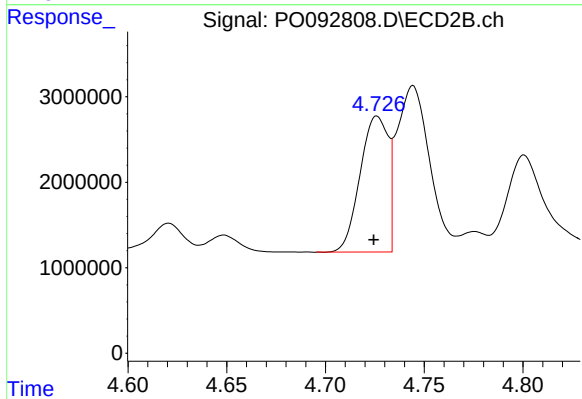
#15 AR-1232-5

R.T.: 5.177 min  
Delta R.T.: 0.004 min  
Response: 14078701  
Conc: 905.37 ng/ml



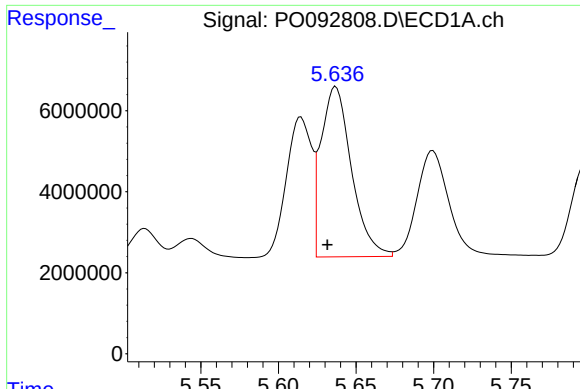
#16 AR-1242-1

R.T.: 5.615 min  
Delta R.T.: 0.005 min  
Response: 39229012  
Conc: 497.19 ng/ml



#16 AR-1242-1

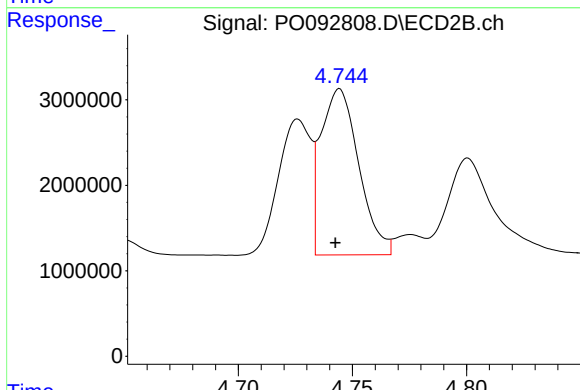
R.T.: 4.726 min  
Delta R.T.: 0.002 min  
Response: 15695139  
Conc: 467.38 ng/ml



#17 AR-1242-2

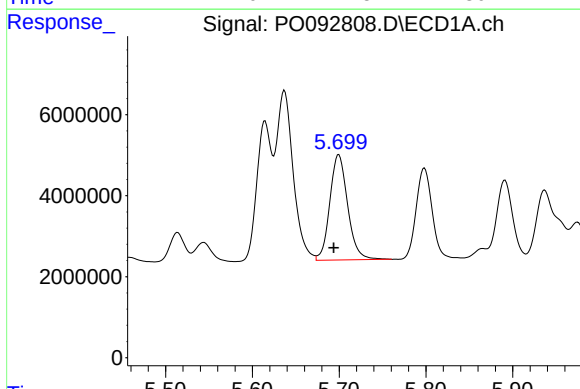
R.T.: 5.637 min  
Delta R.T.: 0.005 min  
Response: 57590157  
Conc: 500.65 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



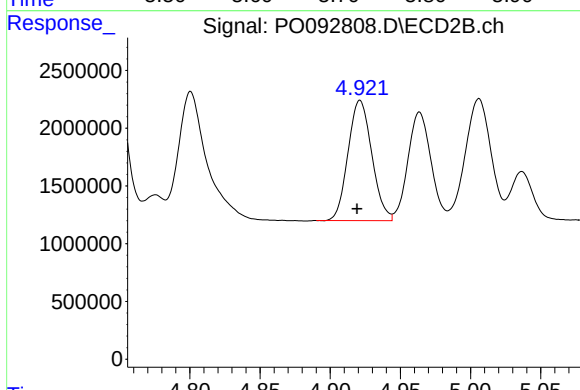
#17 AR-1242-2

R.T.: 4.744 min  
Delta R.T.: 0.002 min  
Response: 22539121  
Conc: 470.03 ng/ml



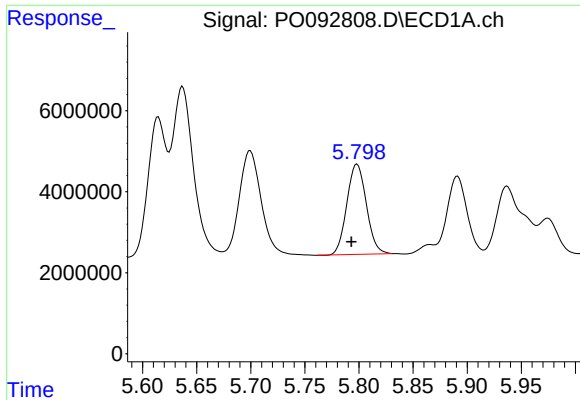
#18 AR-1242-3

R.T.: 5.700 min  
Delta R.T.: 0.006 min  
Response: 37187215  
Conc: 503.74 ng/ml



#18 AR-1242-3

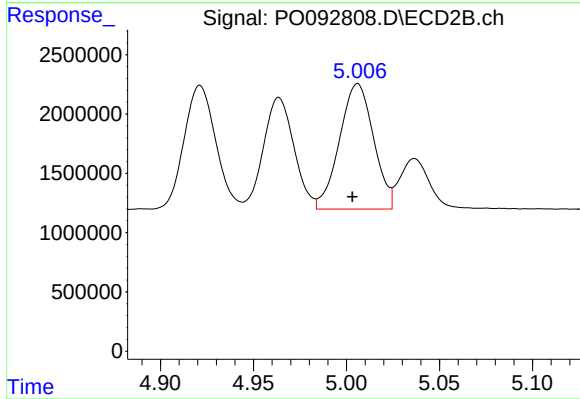
R.T.: 4.921 min  
Delta R.T.: 0.002 min  
Response: 12281471  
Conc: 471.64 ng/ml



#19 AR-1242-4

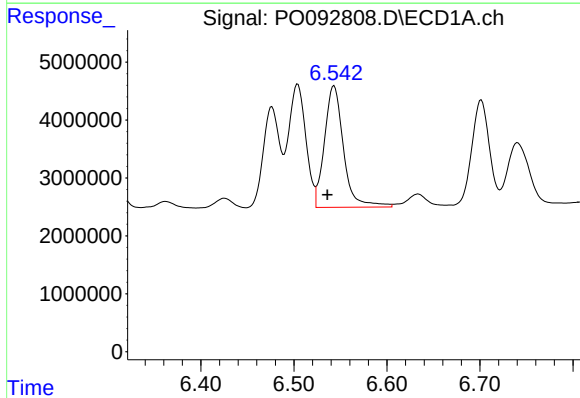
R.T.: 5.798 min  
Delta R.T.: 0.005 min  
Response: 27983083  
Conc: 505.23 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



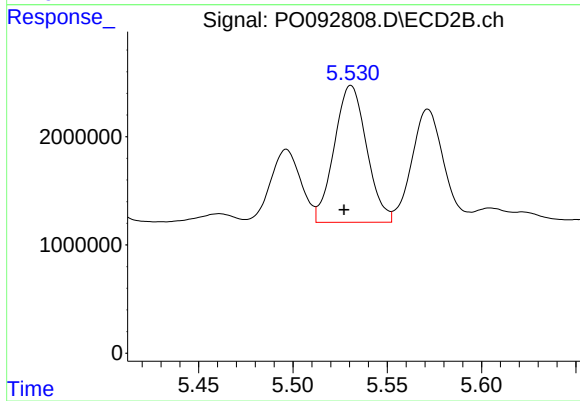
#19 AR-1242-4

R.T.: 5.006 min  
Delta R.T.: 0.003 min  
Response: 13485566  
Conc: 467.67 ng/ml



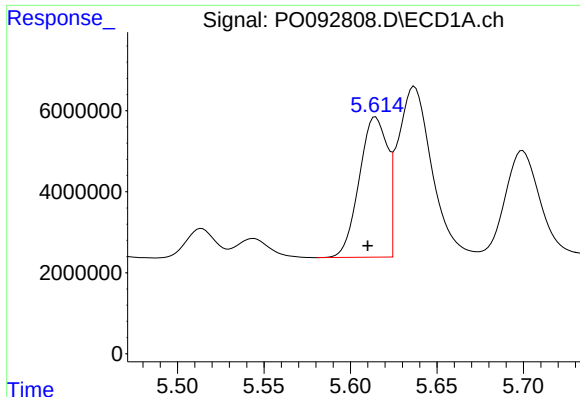
#20 AR-1242-5

R.T.: 6.543 min  
Delta R.T.: 0.007 min  
Response: 29943485  
Conc: 511.22 ng/ml



#20 AR-1242-5

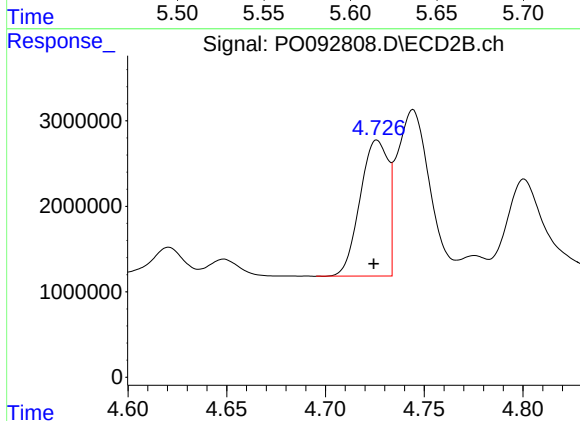
R.T.: 5.531 min  
Delta R.T.: 0.004 min  
Response: 15118078  
Conc: 483.17 ng/ml



#21 AR-1248-1

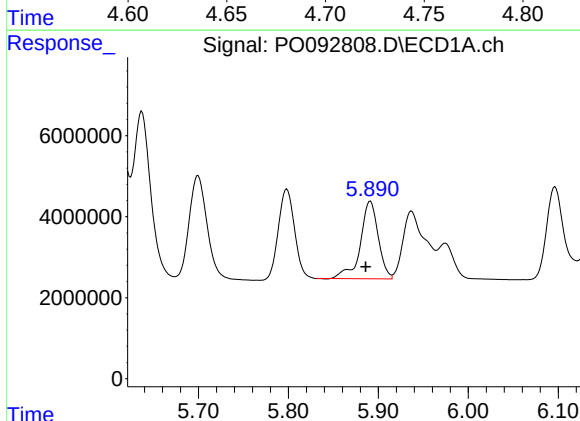
R.T.: 5.615 min  
Delta R.T.: 0.005 min  
Response: 39229012  
Conc: 639.95 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



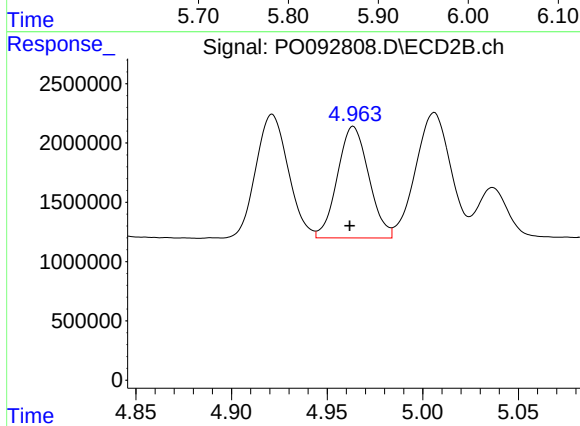
#21 AR-1248-1

R.T.: 4.726 min  
Delta R.T.: 0.002 min  
Response: 15695139  
Conc: 599.40 ng/ml



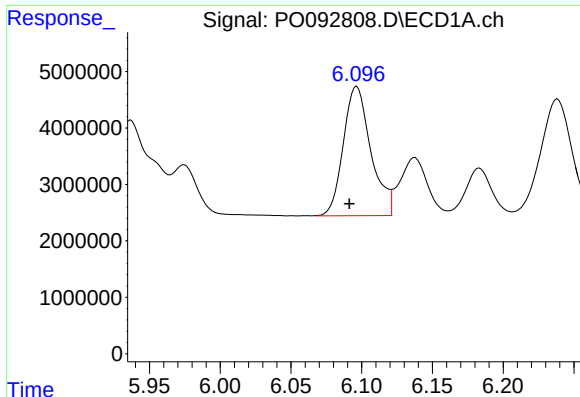
#22 AR-1248-2

R.T.: 5.891 min  
Delta R.T.: 0.005 min  
Response: 26524021  
Conc: 275.61 ng/ml



#22 AR-1248-2

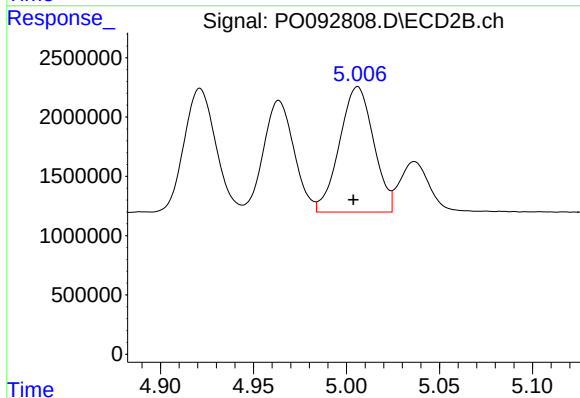
R.T.: 4.964 min  
Delta R.T.: 0.002 min  
Response: 10739919  
Conc: 265.45 ng/ml



#23 AR-1248-3

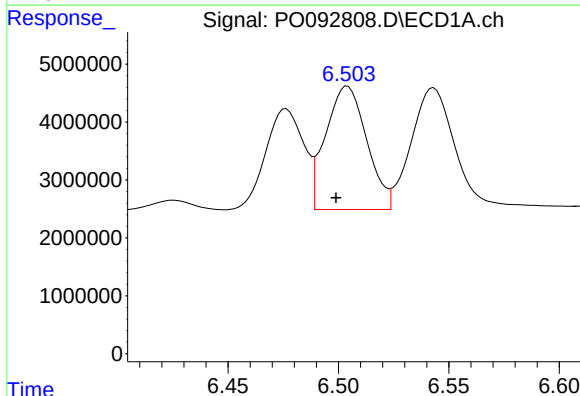
R.T.: 6.097 min  
Delta R.T.: 0.005 min  
Response: 31111952  
Conc: 303.18 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



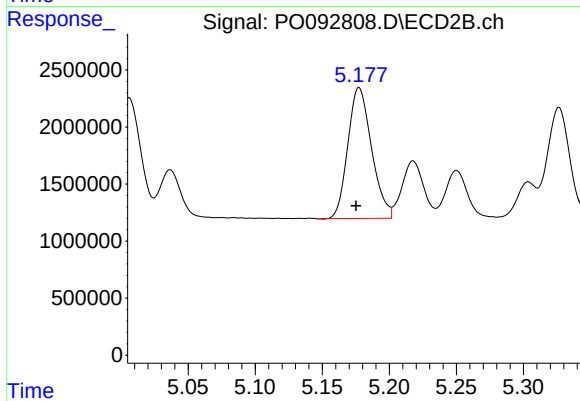
#23 AR-1248-3

R.T.: 5.006 min  
Delta R.T.: 0.002 min  
Response: 13485566  
Conc: 319.98 ng/ml



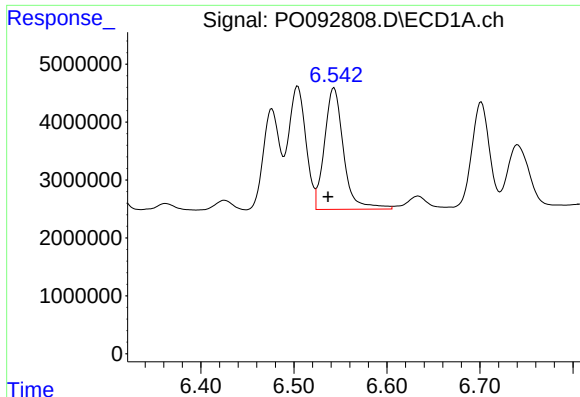
#24 AR-1248-4

R.T.: 6.504 min  
Delta R.T.: 0.005 min  
Response: 27603314  
Conc: 275.82 ng/ml



#24 AR-1248-4

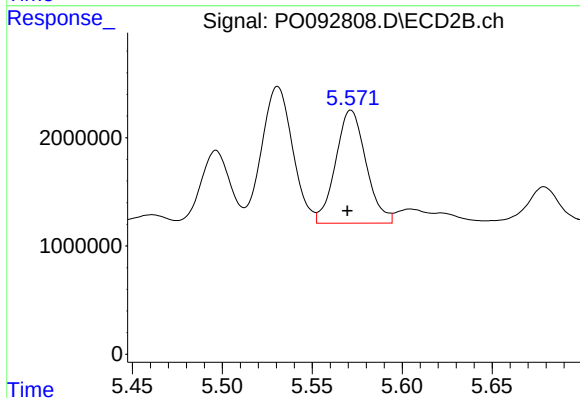
R.T.: 5.177 min  
Delta R.T.: 0.002 min  
Response: 14078701  
Conc: 291.47 ng/ml



#25 AR-1248-5

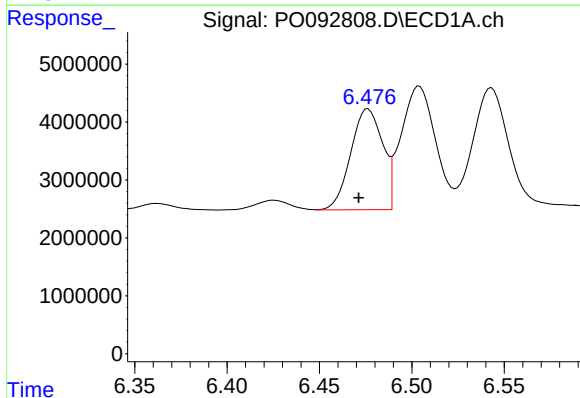
R.T.: 6.543 min  
Delta R.T.: 0.006 min  
Response: 29943485  
Conc: 295.80 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



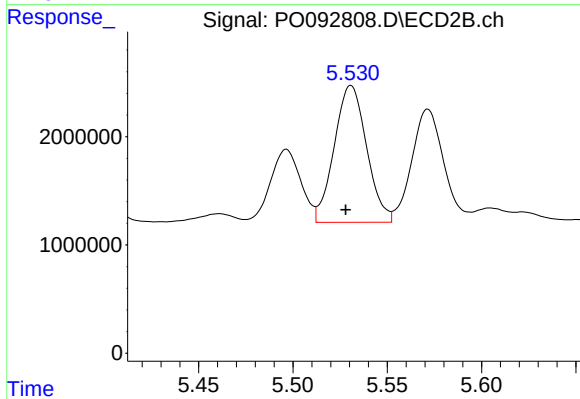
#25 AR-1248-5

R.T.: 5.572 min  
Delta R.T.: 0.002 min  
Response: 12304430  
Conc: 294.81 ng/ml



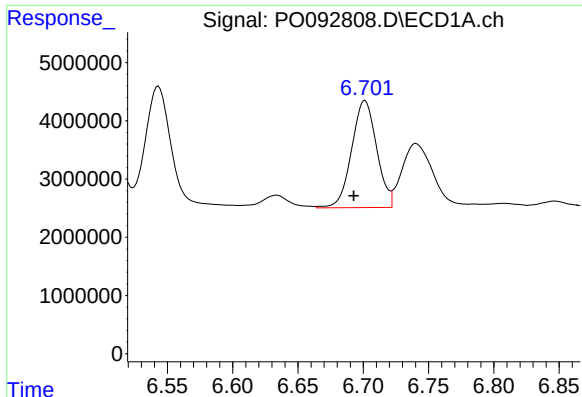
#26 AR-1254-1

R.T.: 6.476 min  
Delta R.T.: 0.005 min  
Response: 20915924  
Conc: 184.47 ng/ml



#26 AR-1254-1

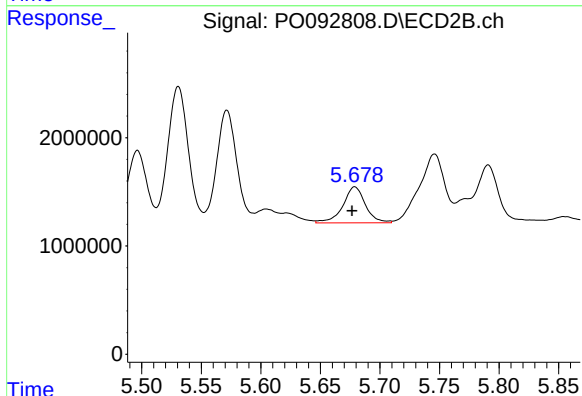
R.T.: 5.531 min  
Delta R.T.: 0.003 min  
Response: 15118078  
Conc: 215.94 ng/ml



#27 AR-1254-2

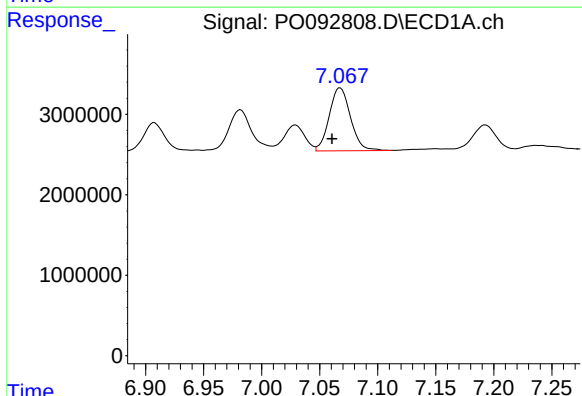
R.T.: 6.701 min  
Delta R.T.: 0.009 min  
Response: 24541905  
Conc: 147.66 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



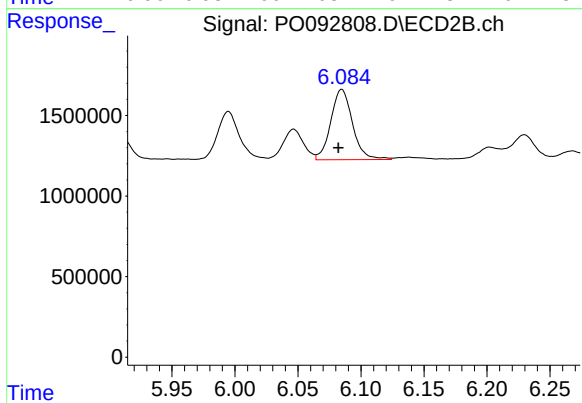
#27 AR-1254-2

R.T.: 5.679 min  
Delta R.T.: 0.002 min  
Response: 4375444  
Conc: 69.74 ng/ml



#28 AR-1254-3

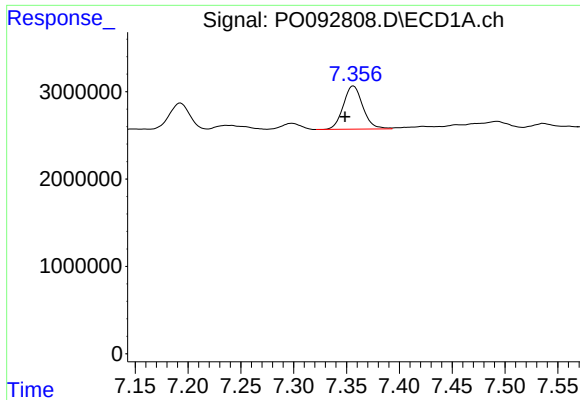
R.T.: 7.068 min  
Delta R.T.: 0.007 min  
Response: 9971747  
Conc: 60.91 ng/ml



#28 AR-1254-3

R.T.: 6.085 min  
Delta R.T.: 0.003 min  
Response: 5230175  
Conc: 54.26 ng/ml

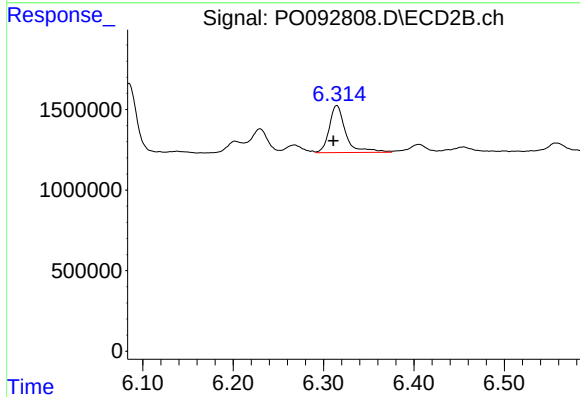




#29 AR-1254-4

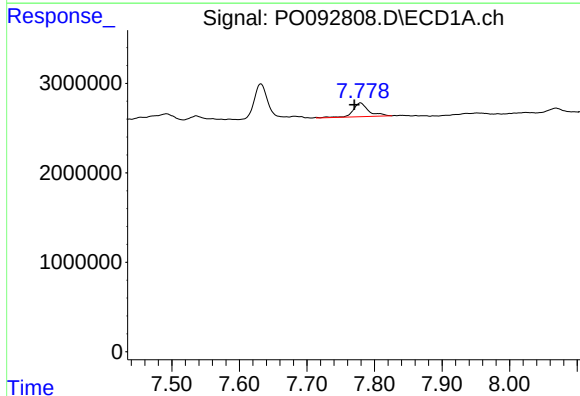
R.T.: 7.357 min  
Delta R.T.: 0.008 min  
Response: 6362225  
Conc: 61.30 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



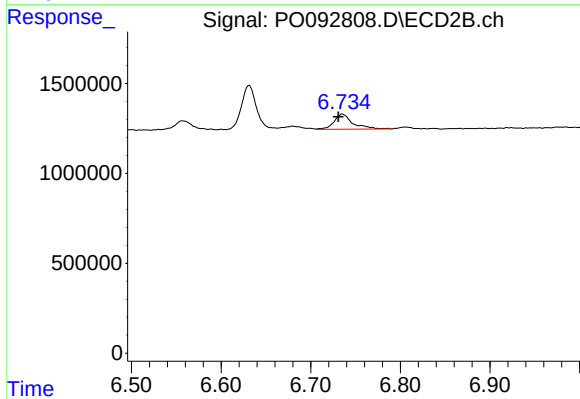
#29 AR-1254-4

R.T.: 6.315 min  
Delta R.T.: 0.004 min  
Response: 3695668  
Conc: 71.62 ng/ml



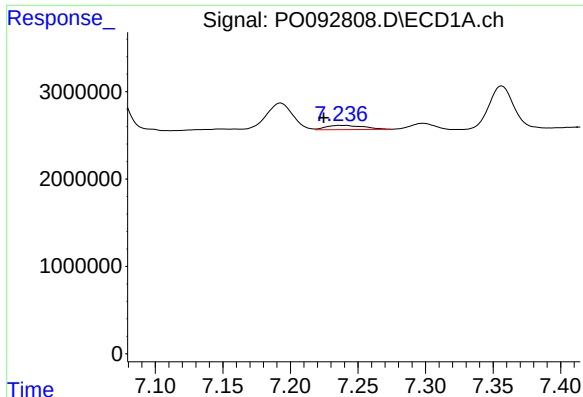
#30 AR-1254-5

R.T.: 7.779 min  
Delta R.T.: 0.009 min  
Response: 2495900  
Conc: 20.36 ng/ml



#30 AR-1254-5

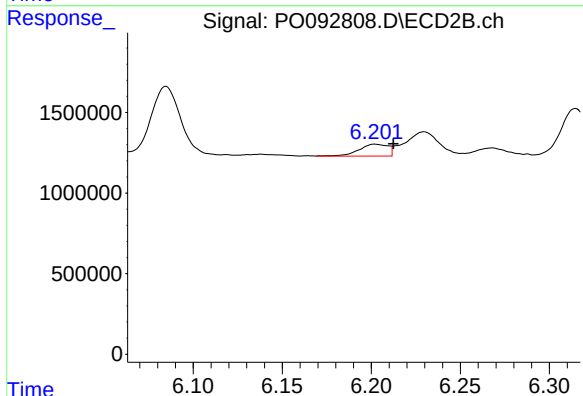
R.T.: 6.735 min  
Delta R.T.: 0.005 min  
Response: 1236241  
Conc: 15.23 ng/ml



#31 AR-1260-1

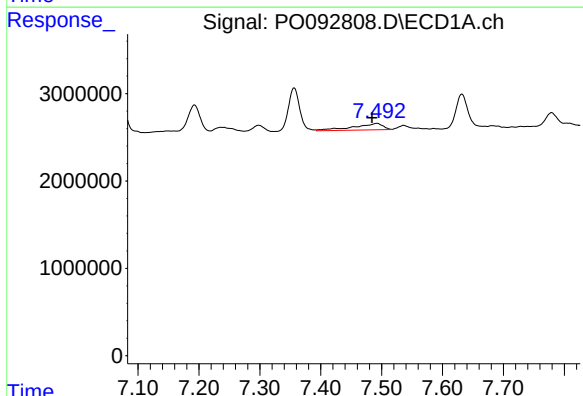
R.T.: 7.238 min  
Delta R.T.: 0.014 min  
Response: 948346  
Conc: 7.77 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



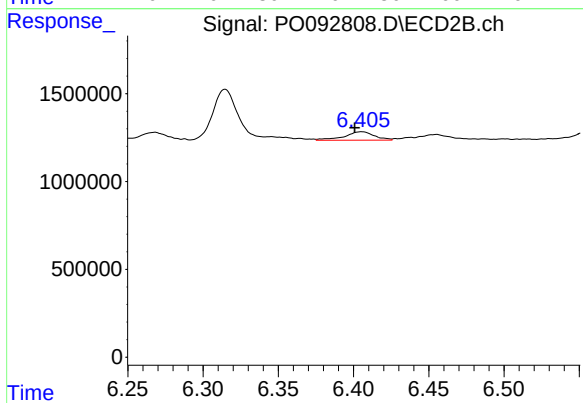
#31 AR-1260-1

R.T.: 6.202 min  
Delta R.T.: -0.010 min  
Response: 847562  
Conc: 12.44 ng/ml



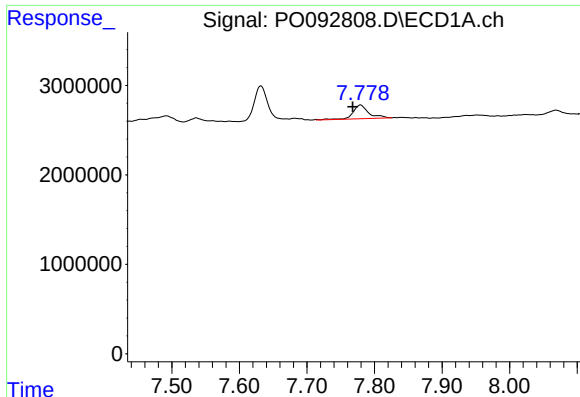
#32 AR-1260-2

R.T.: 7.492 min  
Delta R.T.: 0.008 min  
Response: 2502314  
Conc: 17.02 ng/ml



#32 AR-1260-2

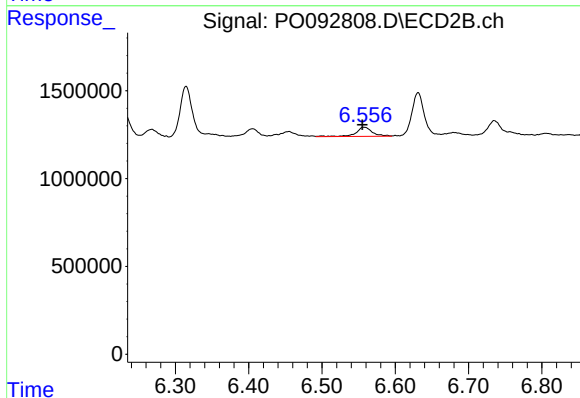
R.T.: 6.405 min  
Delta R.T.: 0.005 min  
Response: 662123  
Conc: 8.24 ng/ml



#33 AR-1260-3

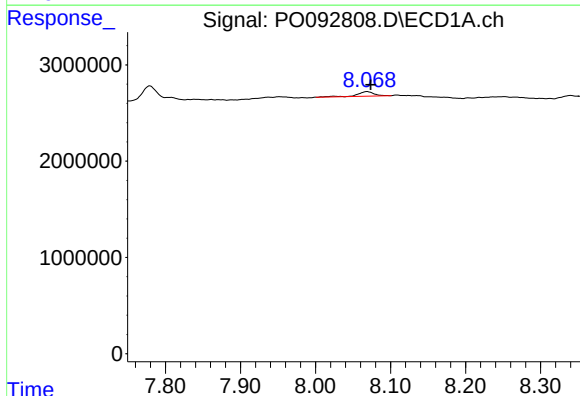
R.T.: 7.779 min  
Delta R.T.: 0.012 min  
Response: 2495900  
Conc: 15.88 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



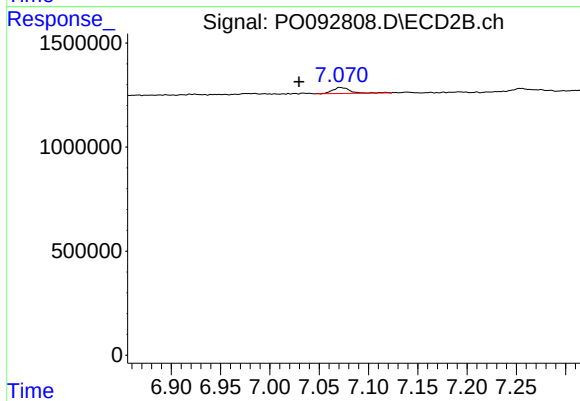
#33 AR-1260-3

R.T.: 6.557 min  
Delta R.T.: 0.002 min  
Response: 823770  
Conc: 10.21 ng/ml



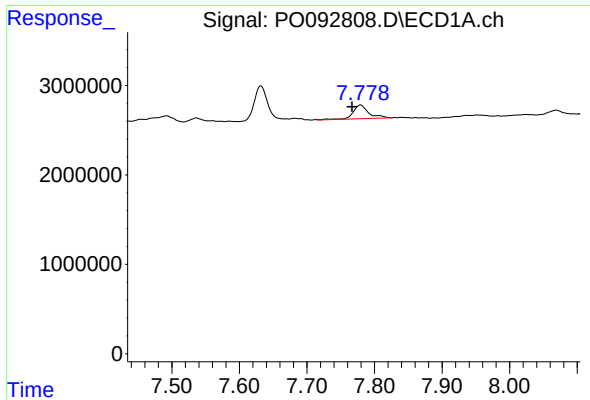
#34 AR-1260-4

R.T.: 8.069 min  
Delta R.T.: -0.005 min  
Response: 729929  
Conc: 6.23 ng/ml



#34 AR-1260-4

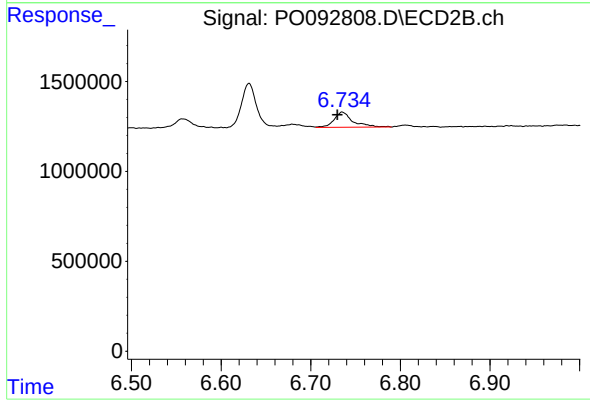
R.T.: 7.071 min  
Delta R.T.: 0.041 min  
Response: 363076  
Conc: 5.96 ng/ml



#36 AR-1262-1

R.T.: 7.779 min  
Delta R.T.: 0.013 min  
Response: 2495900  
Conc: 25.90 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



#36 AR-1262-1

R.T.: 6.735 min  
Delta R.T.: 0.006 min  
Response: 1236241  
Conc: 29.58 ng/ml