

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_0\Data\P0022423\  
 Data File : P0092718.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 24 Feb 2023 19:47  
 Operator : YP/AJ  
 Sample : 01627-07  
 Misc : AR1232 LOD 40 PPB  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 ECD\_0  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 25 04:19:33 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_0\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... | 4.432  | 3.638 | 61404366 | 23539992 | 20.449 | 18.467   |
| 2)                          | SA Decachlor... | 10.265 | 8.672 | 44051940 | 22807624 | 22.902 | 19.571   |
| Target Compounds            |                 |        |       |          |          |        |          |
| 3)                          | L1 AR-1016-1    | 5.608  | 4.724 | 1825856  | 685944   | 19.866 | 16.980   |
| 4)                          | L1 AR-1016-2    | 5.630  | 4.743 | 2741796  | 958629   | 20.572 | 16.602   |
| 5)                          | L1 AR-1016-3    | 5.692  | 4.920 | 2109816  | 499776   | 24.301 | 15.949 # |
| 6)                          | L1 AR-1016-4    | 5.792  | 4.962 | 970254   | 441092   | 14.858 | 15.777   |
| 7)                          | L1 AR-1016-5    | 6.089  | 5.175 | 1356060  | 621598   | 19.081 | 17.523   |
| 8)                          | L2 AR-1221-1    | 4.640  | 3.852 | 913499   | 478232   | 23.111 | 29.601 # |
| 9)                          | L2 AR-1221-2    | 4.734  | 3.938 | 1446639  | 600663   | 50.278 | 49.613   |
| 10)                         | L2 AR-1221-3    | 4.805  | 4.014 | 3049257  | 1196321  | 34.623 | 32.129   |
| 11)                         | L3 AR-1232-1    | 4.805  | 4.014 | 3049257  | 1196321  | 43.393 | 38.213   |
| 12)                         | L3 AR-1232-2    | 5.338  | 4.743 | 1370580  | 958629   | 39.852 | 35.585   |
| 13)                         | L3 AR-1232-3    | 5.630  | 4.920 | 2741796  | 499776   | 44.848 | 35.653   |
| 14)                         | L3 AR-1232-4    | 5.792  | 5.004 | 970254   | 392342   | 32.874 | 27.588   |
| 15)                         | L3 AR-1232-5    | 5.884  | 5.175 | 1230929  | 621598   | 47.401 | 39.974   |
| 16)                         | L4 AR-1242-1    | 5.608  | 4.724 | 1825856  | 685944   | 23.141 | 20.426   |
| 17)                         | L4 AR-1242-2    | 5.630  | 4.743 | 2741796  | 958629   | 23.835 | 19.991   |
| 18)                         | L4 AR-1242-3    | 5.692  | 4.920 | 2109816  | 499776   | 28.579 | 19.193 # |
| 19)                         | L4 AR-1242-4    | 5.792  | 5.004 | 970254   | 392342   | 17.518 | 13.606   |
| 20)                         | L4 AR-1242-5    | 6.535  | 5.528 | 1134066  | 551792   | 19.362 | 17.635   |
| 21)                         | L5 AR-1248-1    | 5.608  | 4.724 | 1825856  | 685944   | 29.785 | 26.196   |
| 22)                         | L5 AR-1248-2    | 5.884  | 4.962 | 1230929  | 441092   | 12.790 | 10.902   |
| 23)                         | L5 AR-1248-3    | 6.089  | 5.004 | 1356060  | 392342   | 13.215 | 9.309 #  |
| 24)                         | L5 AR-1248-4    | 6.497  | 5.175 | 1218880  | 621598   | 12.179 | 12.869   |
| 25)                         | L5 AR-1248-5    | 6.535  | 5.569 | 1134066  | 448019   | 11.203 | 10.734   |
| 26)                         | L6 AR-1254-1    | 6.469  | 5.528 | 873708   | 551792   | 7.706  | 7.881    |
| 27)                         | L6 AR-1254-2    | 6.693  | 0.000 | 745976   | 0        | 4.488  | N.D. #   |
| 28)                         | L6 AR-1254-3    | 7.059  | 0.000 | 476629   | 0        | 2.912  | N.D. #   |
| -----                       |                 |        |       |          |          |        |          |

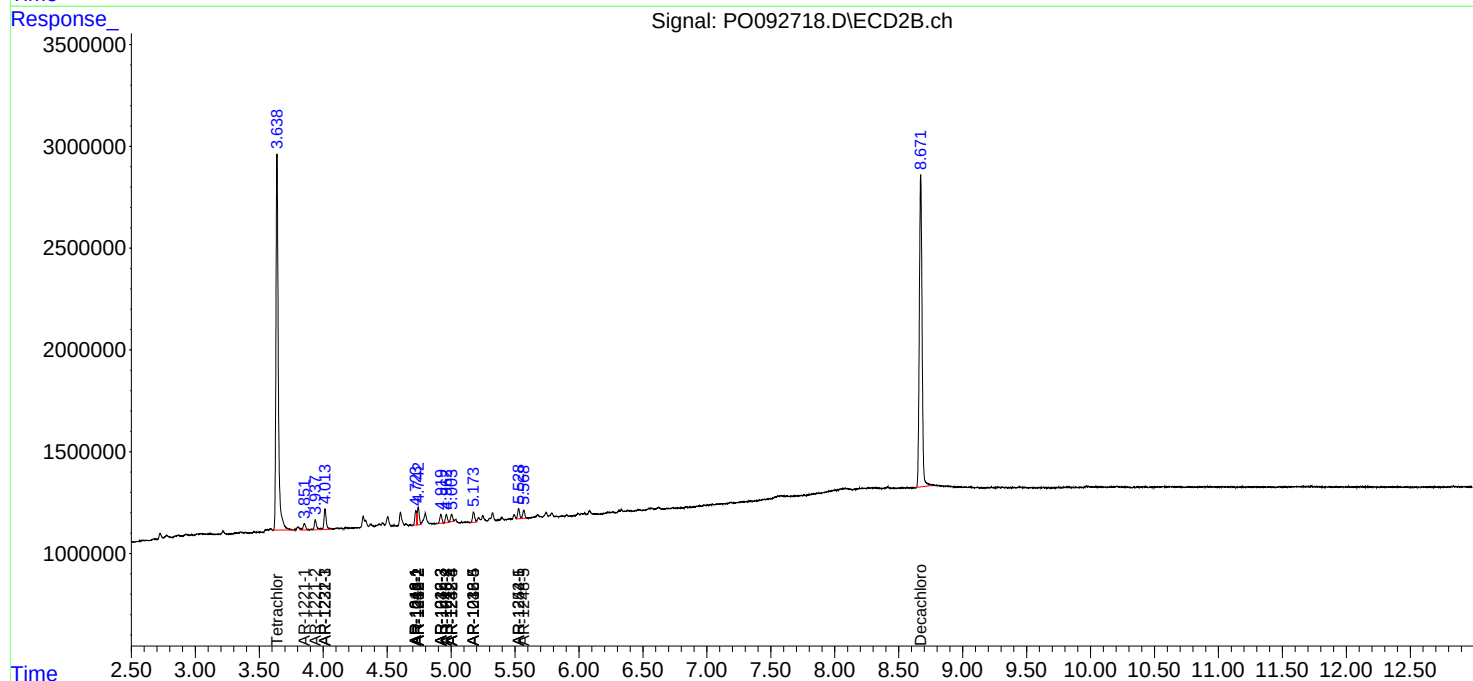
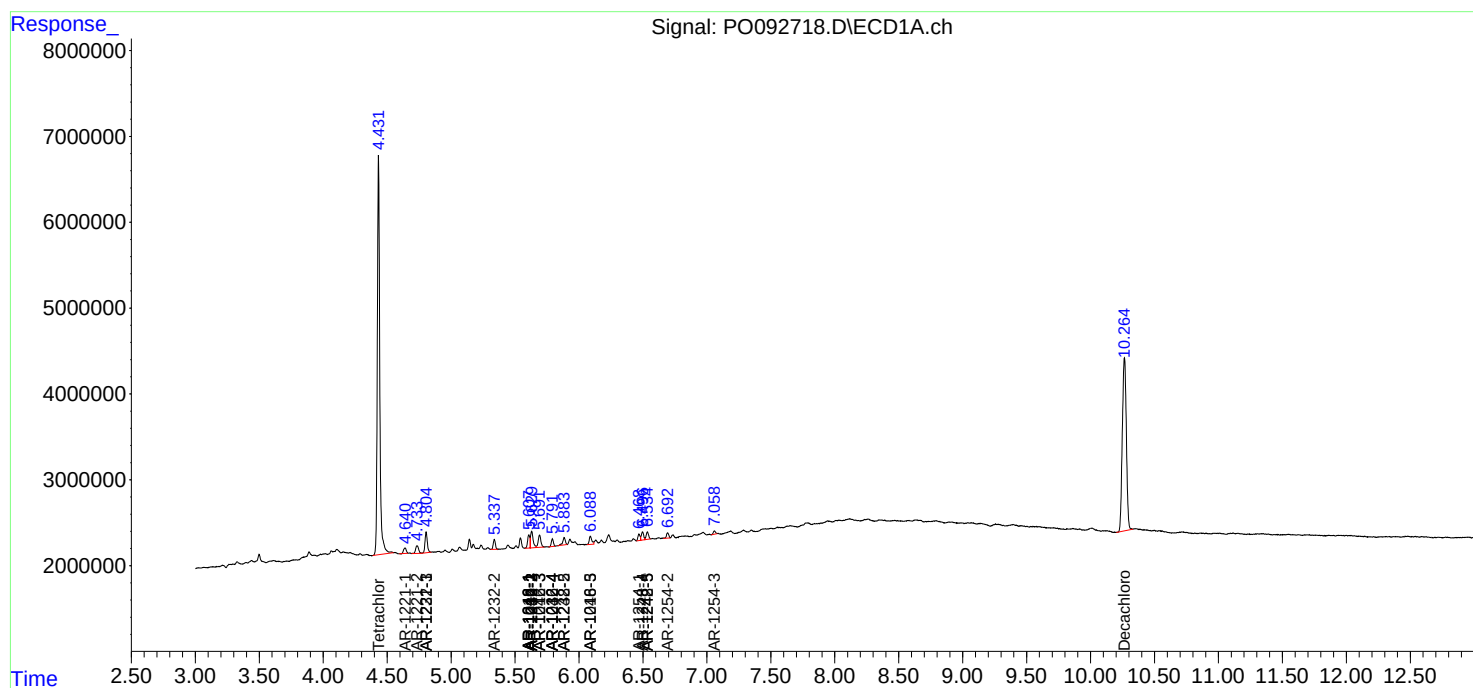
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

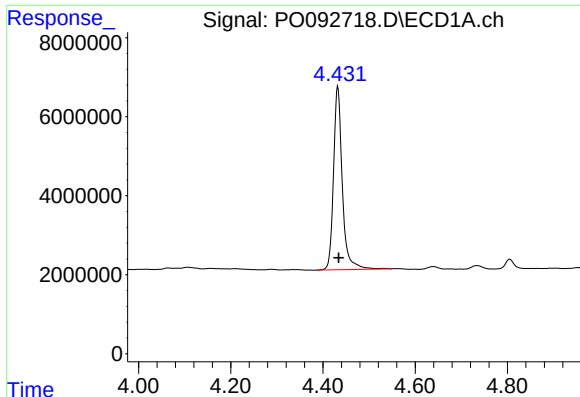
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0022423\  
Data File : P0092718.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 24 Feb 2023 19:47  
Operator : YP/AJ  
Sample : 01627-07  
Misc : AR1232 LOD 40 PPB  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 25 04:19:33 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

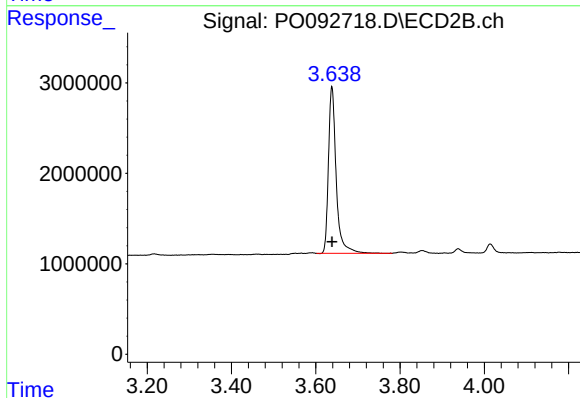




#1 Tetrachloro-m-xylene

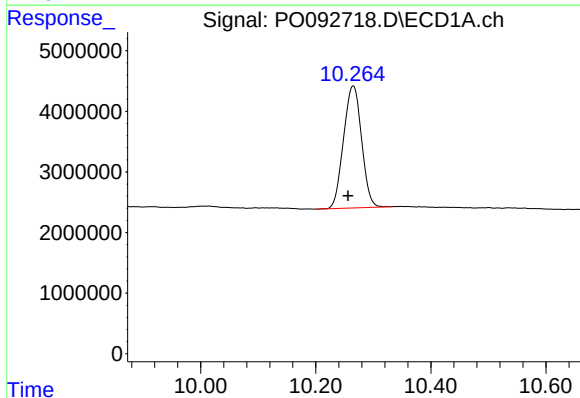
R.T.: 4.432 min  
Delta R.T.: -0.002 min  
Response: 61404366  
Conc: 20.45 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



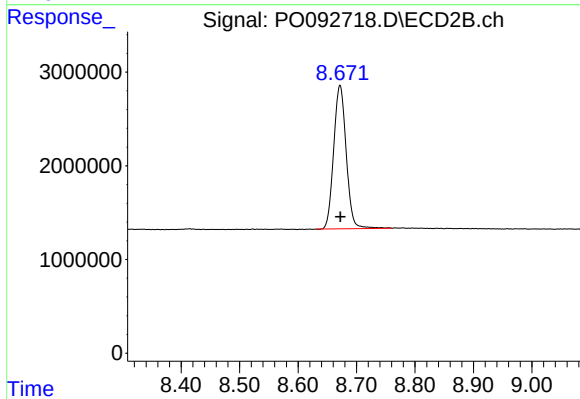
#1 Tetrachloro-m-xylene

R.T.: 3.638 min  
Delta R.T.: 0.000 min  
Response: 23539992  
Conc: 18.47 ng/ml



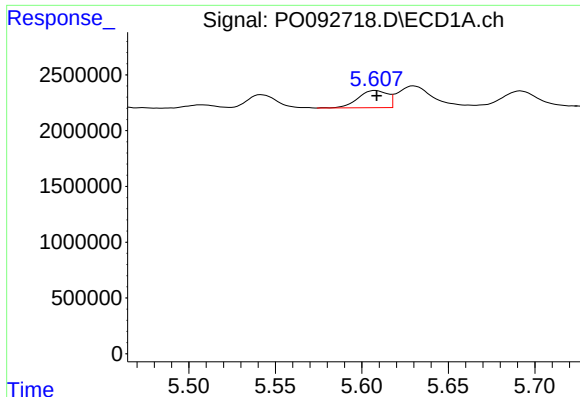
#2 Decachlorobiphenyl

R.T.: 10.265 min  
Delta R.T.: 0.009 min  
Response: 44051940  
Conc: 22.90 ng/ml



#2 Decachlorobiphenyl

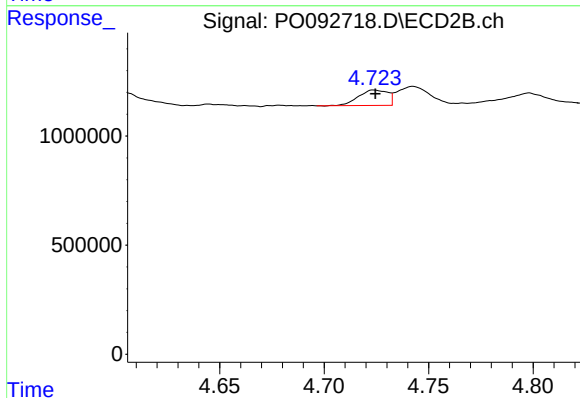
R.T.: 8.672 min  
Delta R.T.: 0.000 min  
Response: 22807624  
Conc: 19.57 ng/ml



#3 AR-1016-1

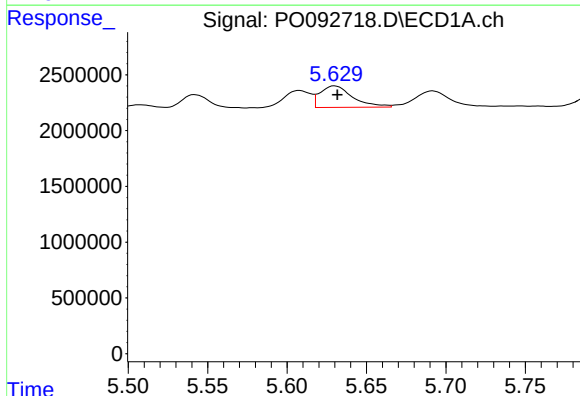
R.T.: 5.608 min  
Delta R.T.: 0.000 min  
Response: 1825856  
Conc: 19.87 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



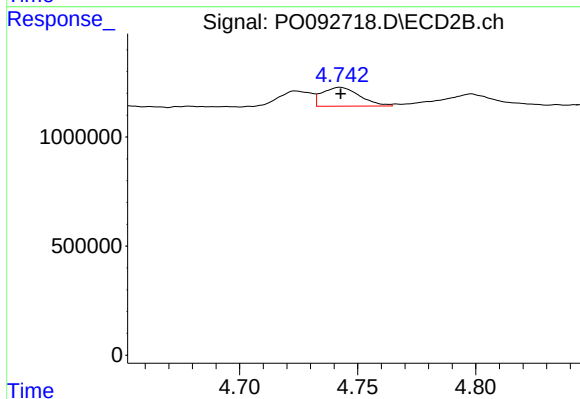
#3 AR-1016-1

R.T.: 4.724 min  
Delta R.T.: 0.000 min  
Response: 685944  
Conc: 16.98 ng/ml



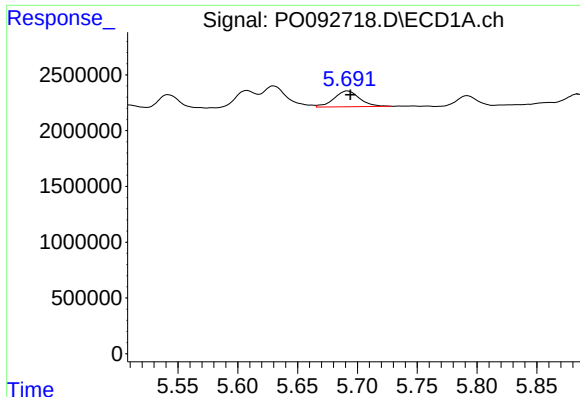
#4 AR-1016-2

R.T.: 5.630 min  
Delta R.T.: -0.002 min  
Response: 2741796  
Conc: 20.57 ng/ml



#4 AR-1016-2

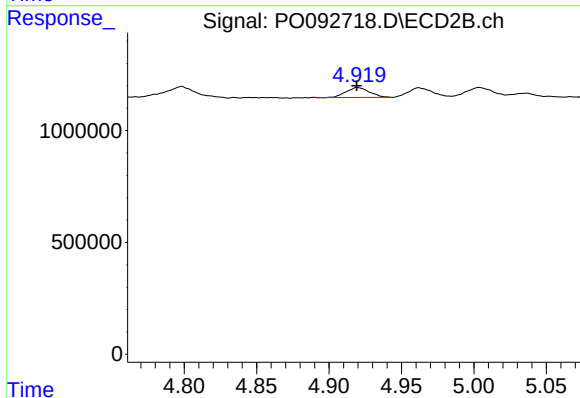
R.T.: 4.743 min  
Delta R.T.: 0.000 min  
Response: 958629  
Conc: 16.60 ng/ml



#5 AR-1016-3

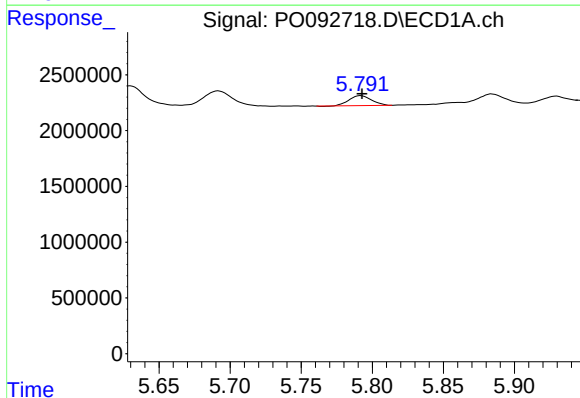
R.T.: 5.692 min  
Delta R.T.: -0.002 min  
Response: 2109816  
Conc: 24.30 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



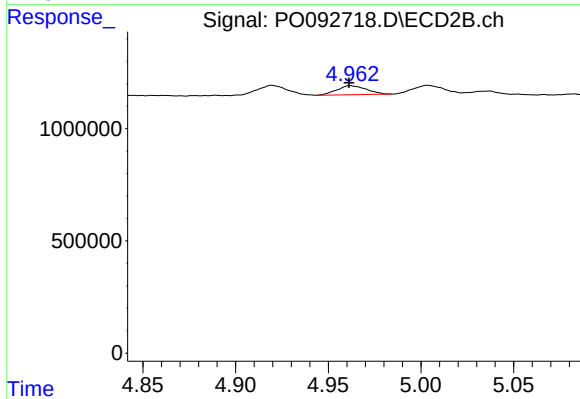
#5 AR-1016-3

R.T.: 4.920 min  
Delta R.T.: 0.000 min  
Response: 499776  
Conc: 15.95 ng/ml



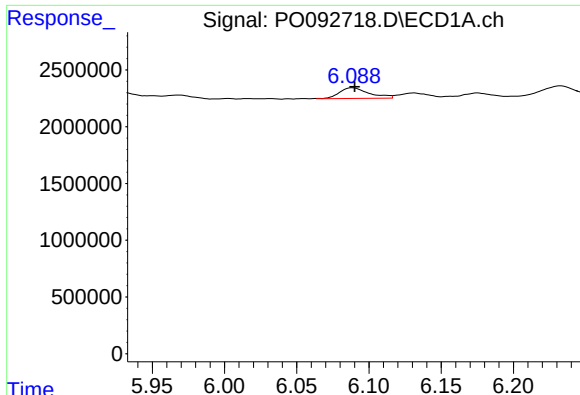
#6 AR-1016-4

R.T.: 5.792 min  
Delta R.T.: 0.000 min  
Response: 970254  
Conc: 14.86 ng/ml



#6 AR-1016-4

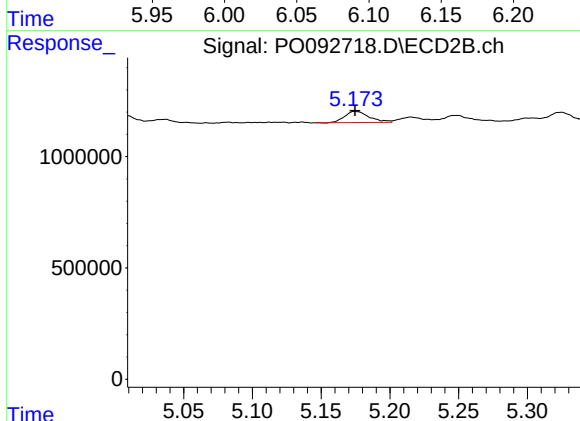
R.T.: 4.962 min  
Delta R.T.: 0.000 min  
Response: 441092  
Conc: 15.78 ng/ml



#7 AR-1016-5

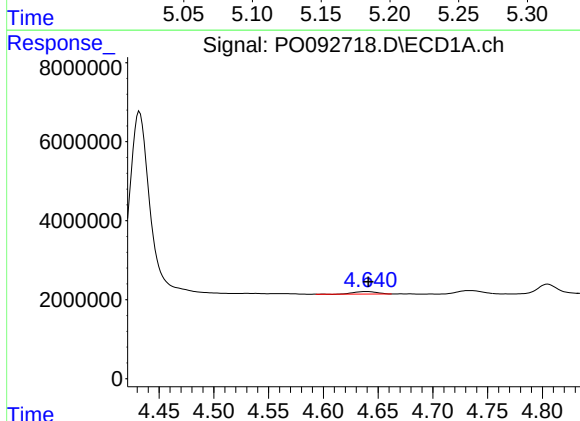
R.T.: 6.089 min  
Delta R.T.: -0.001 min  
Response: 1356060  
Conc: 19.08 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



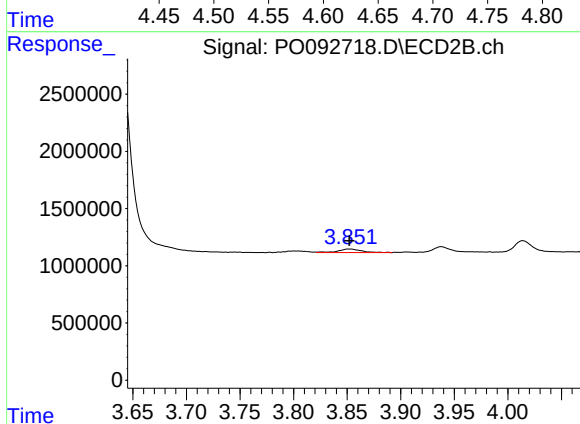
#7 AR-1016-5

R.T.: 5.175 min  
Delta R.T.: 0.000 min  
Response: 621598  
Conc: 17.52 ng/ml



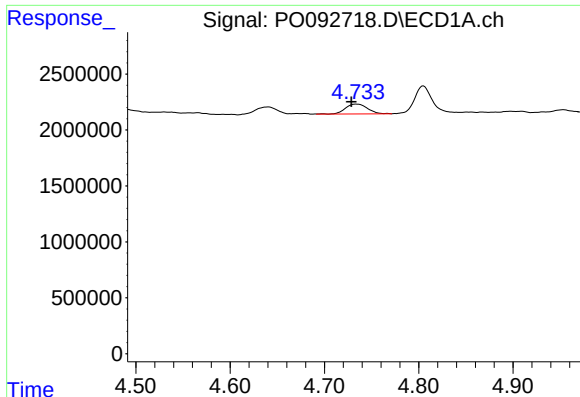
#8 AR-1221-1

R.T.: 4.640 min  
Delta R.T.: 0.000 min  
Response: 913499  
Conc: 23.11 ng/ml



#8 AR-1221-1

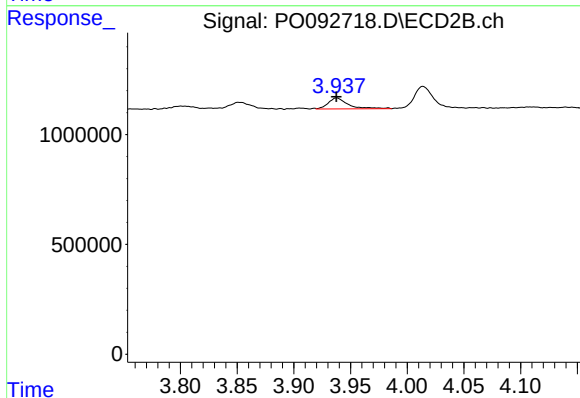
R.T.: 3.852 min  
Delta R.T.: 0.000 min  
Response: 478232  
Conc: 29.60 ng/ml



#9 AR-1221-2

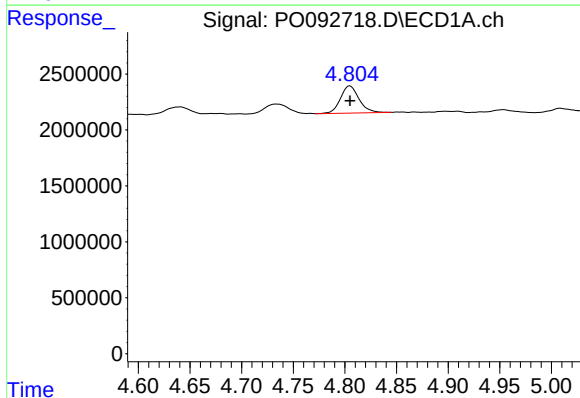
R.T.: 4.734 min  
Delta R.T.: 0.005 min  
Response: 1446639  
Conc: 50.28 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



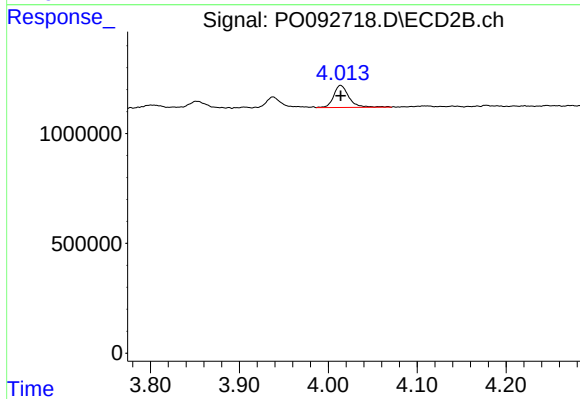
#9 AR-1221-2

R.T.: 3.938 min  
Delta R.T.: 0.000 min  
Response: 600663  
Conc: 49.61 ng/ml



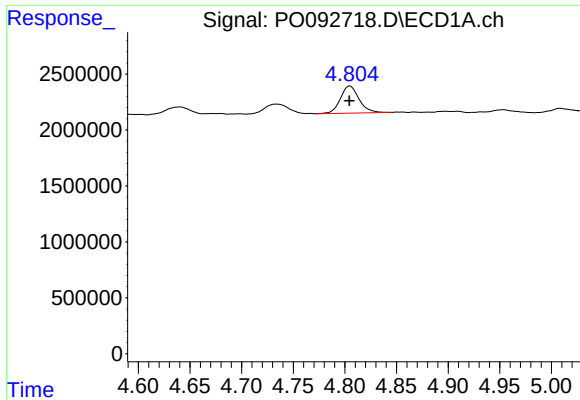
#10 AR-1221-3

R.T.: 4.805 min  
Delta R.T.: 0.000 min  
Response: 3049257  
Conc: 34.62 ng/ml



#10 AR-1221-3

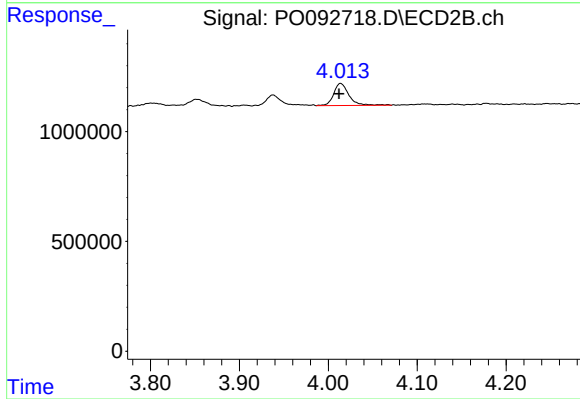
R.T.: 4.014 min  
Delta R.T.: 0.000 min  
Response: 1196321  
Conc: 32.13 ng/ml



#11 AR-1232-1

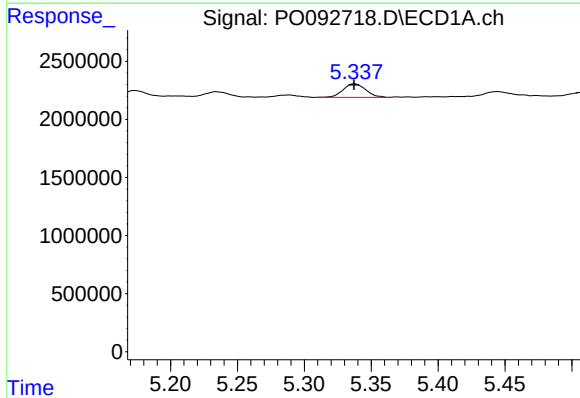
R.T.: 4.805 min  
Delta R.T.: 0.000 min  
Response: 3049257  
Conc: 43.39 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



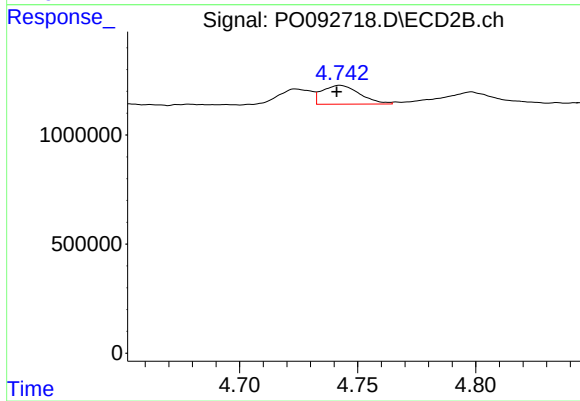
#11 AR-1232-1

R.T.: 4.014 min  
Delta R.T.: 0.002 min  
Response: 1196321  
Conc: 38.21 ng/ml



#12 AR-1232-2

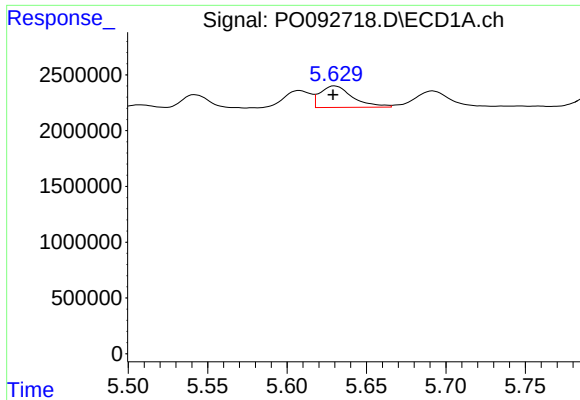
R.T.: 5.338 min  
Delta R.T.: 0.000 min  
Response: 1370580  
Conc: 39.85 ng/ml



#12 AR-1232-2

R.T.: 4.743 min  
Delta R.T.: 0.002 min  
Response: 958629  
Conc: 35.59 ng/ml

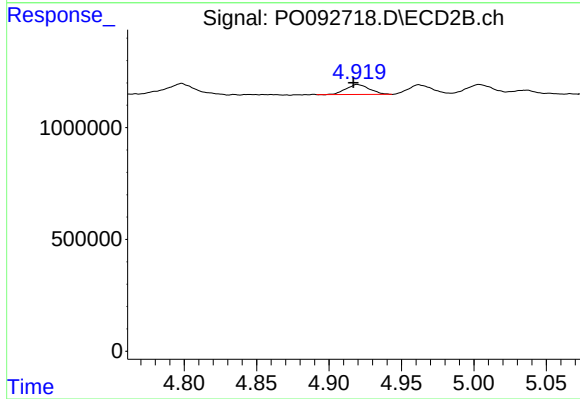




#13 AR-1232-3

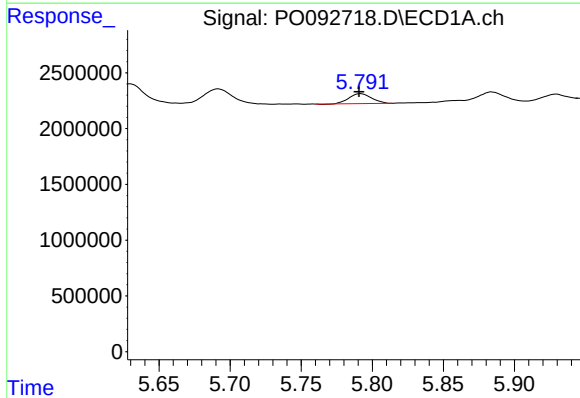
R.T.: 5.630 min  
Delta R.T.: 0.001 min  
Response: 2741796  
Conc: 44.85 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



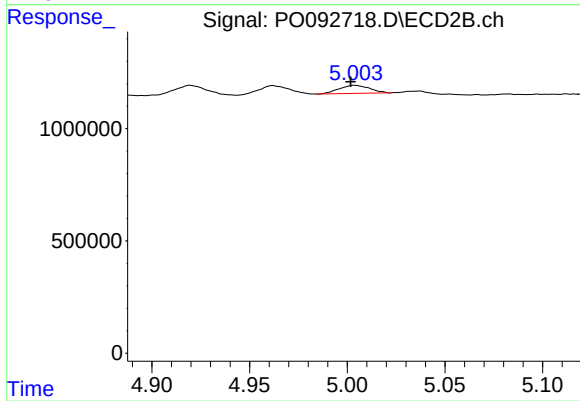
#13 AR-1232-3

R.T.: 4.920 min  
Delta R.T.: 0.003 min  
Response: 499776  
Conc: 35.65 ng/ml



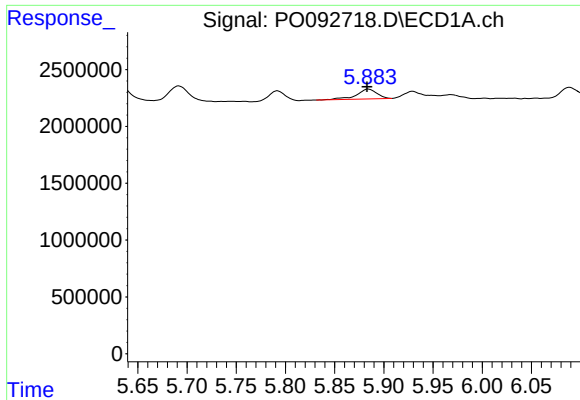
#14 AR-1232-4

R.T.: 5.792 min  
Delta R.T.: 0.001 min  
Response: 970254  
Conc: 32.87 ng/ml



#14 AR-1232-4

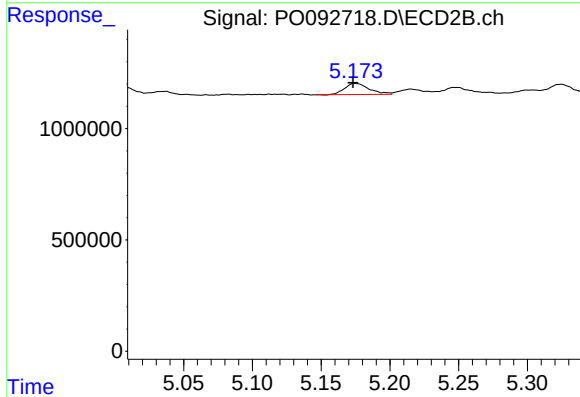
R.T.: 5.004 min  
Delta R.T.: 0.002 min  
Response: 392342  
Conc: 27.59 ng/ml



#15 AR-1232-5

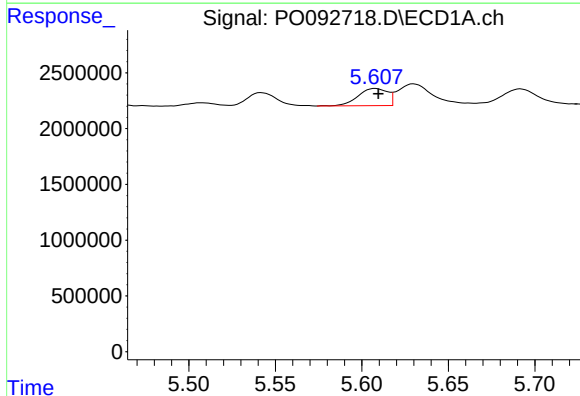
R.T.: 5.884 min  
Delta R.T.: 0.001 min  
Response: 1230929  
Conc: 47.40 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



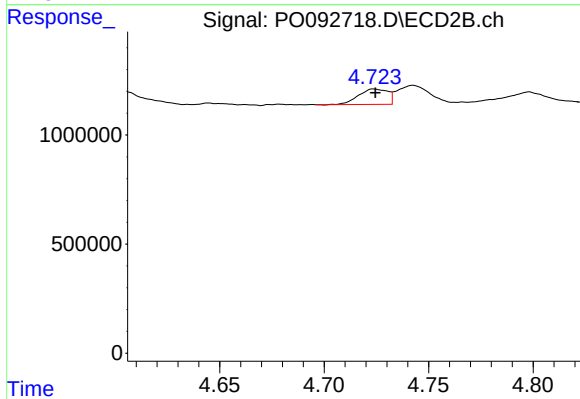
#15 AR-1232-5

R.T.: 5.175 min  
Delta R.T.: 0.002 min  
Response: 621598  
Conc: 39.97 ng/ml



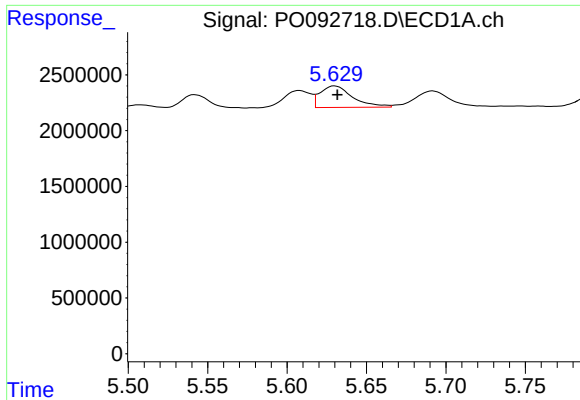
#16 AR-1242-1

R.T.: 5.608 min  
Delta R.T.: -0.002 min  
Response: 1825856  
Conc: 23.14 ng/ml



#16 AR-1242-1

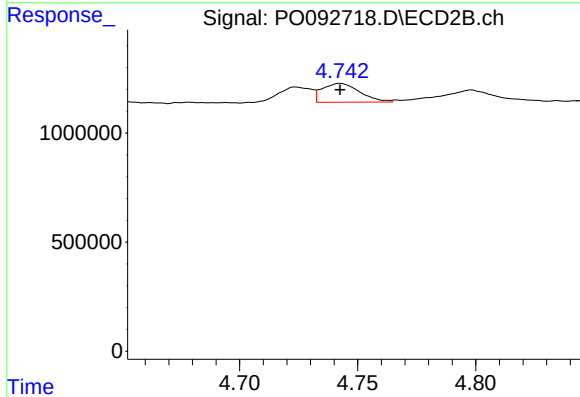
R.T.: 4.724 min  
Delta R.T.: 0.000 min  
Response: 685944  
Conc: 20.43 ng/ml



#17 AR-1242-2

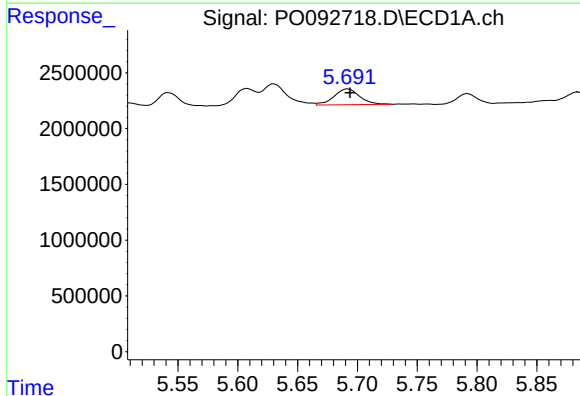
R.T.: 5.630 min  
Delta R.T.: -0.002 min  
Response: 2741796  
Conc: 23.84 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



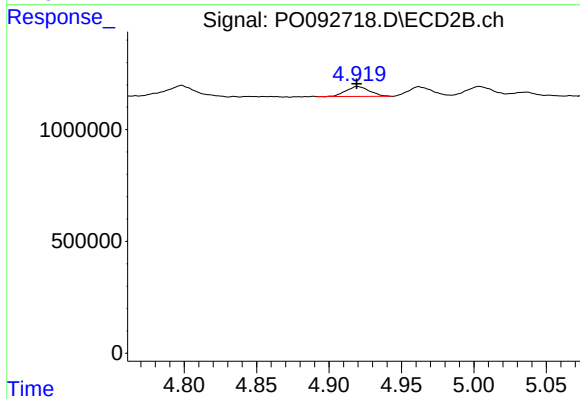
#17 AR-1242-2

R.T.: 4.743 min  
Delta R.T.: 0.000 min  
Response: 958629  
Conc: 19.99 ng/ml



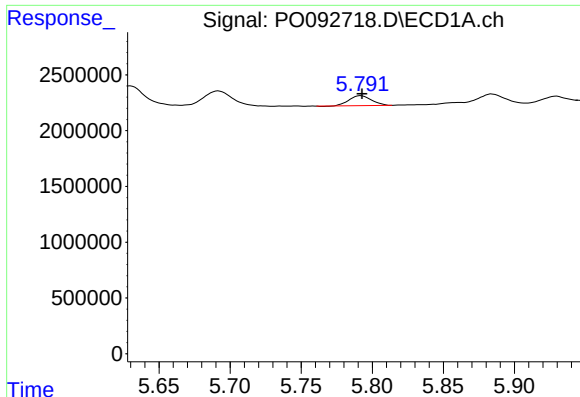
#18 AR-1242-3

R.T.: 5.692 min  
Delta R.T.: -0.002 min  
Response: 2109816  
Conc: 28.58 ng/ml



#18 AR-1242-3

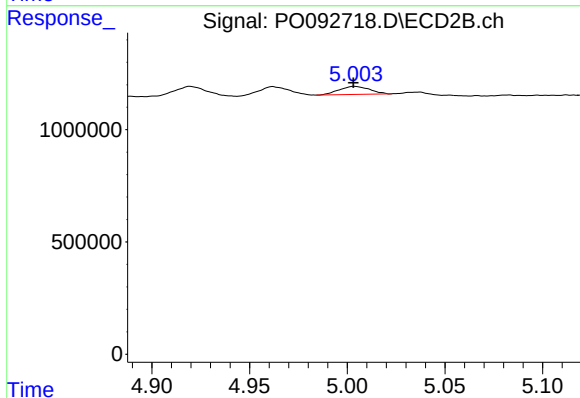
R.T.: 4.920 min  
Delta R.T.: 0.000 min  
Response: 499776  
Conc: 19.19 ng/ml



#19 AR-1242-4

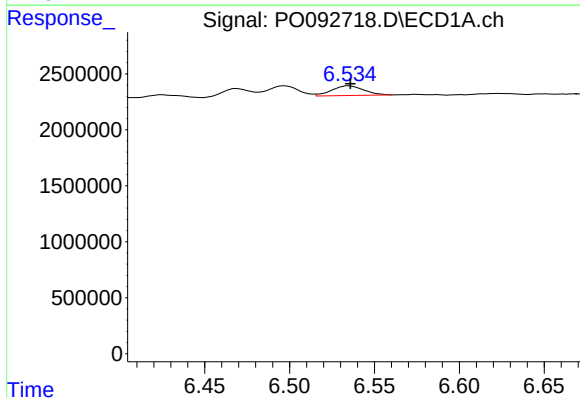
R.T.: 5.792 min  
Delta R.T.: -0.001 min  
Response: 970254  
Conc: 17.52 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



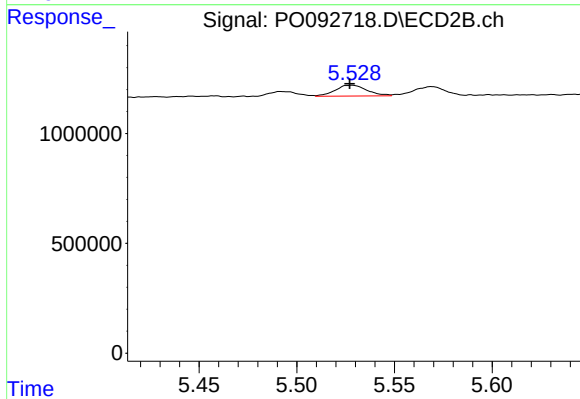
#19 AR-1242-4

R.T.: 5.004 min  
Delta R.T.: 0.000 min  
Response: 392342  
Conc: 13.61 ng/ml



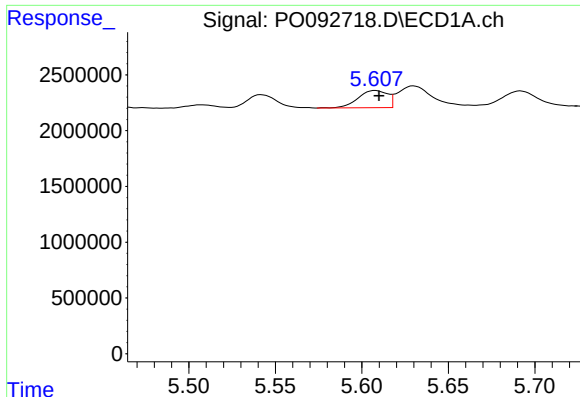
#20 AR-1242-5

R.T.: 6.535 min  
Delta R.T.: -0.001 min  
Response: 1134066  
Conc: 19.36 ng/ml



#20 AR-1242-5

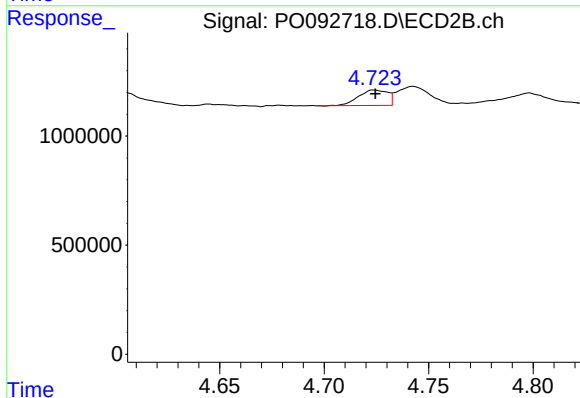
R.T.: 5.528 min  
Delta R.T.: 0.000 min  
Response: 551792  
Conc: 17.64 ng/ml



#21 AR-1248-1

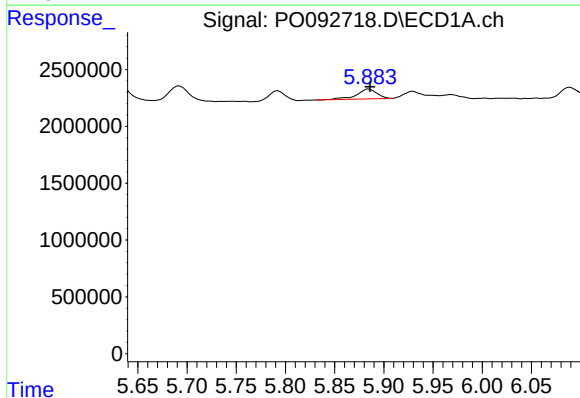
R.T.: 5.608 min  
Delta R.T.: -0.002 min  
Response: 1825856  
Conc: 29.79 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



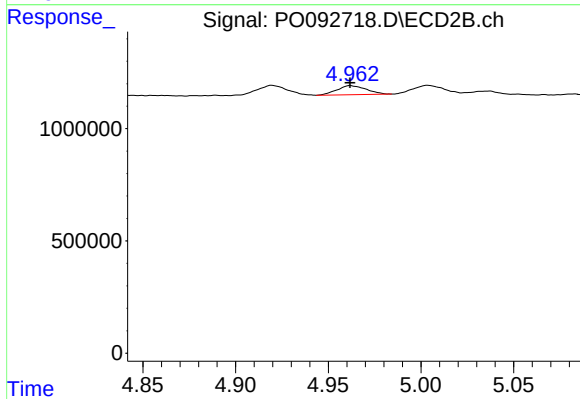
#21 AR-1248-1

R.T.: 4.724 min  
Delta R.T.: 0.000 min  
Response: 685944  
Conc: 26.20 ng/ml



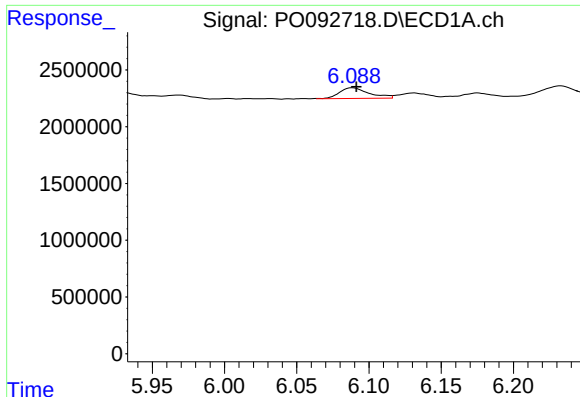
#22 AR-1248-2

R.T.: 5.884 min  
Delta R.T.: -0.002 min  
Response: 1230929  
Conc: 12.79 ng/ml



#22 AR-1248-2

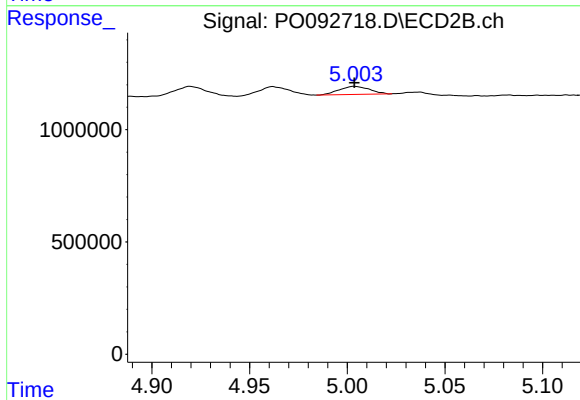
R.T.: 4.962 min  
Delta R.T.: 0.000 min  
Response: 441092  
Conc: 10.90 ng/ml



#23 AR-1248-3

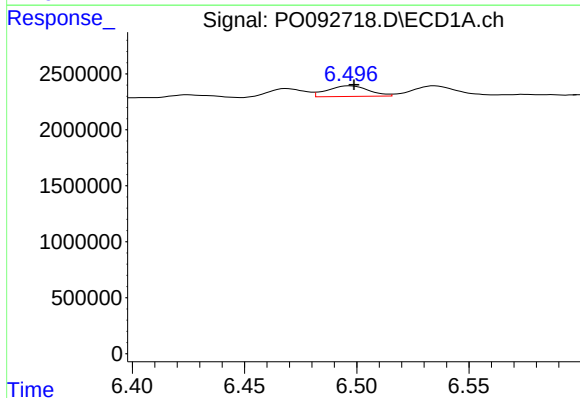
R.T.: 6.089 min  
Delta R.T.: -0.003 min  
Response: 1356060  
Conc: 13.21 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



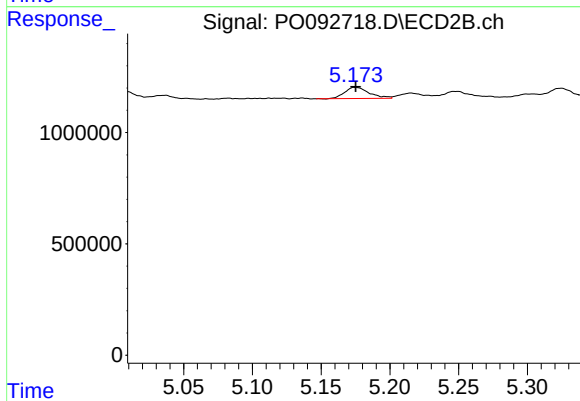
#23 AR-1248-3

R.T.: 5.004 min  
Delta R.T.: 0.000 min  
Response: 392342  
Conc: 9.31 ng/ml



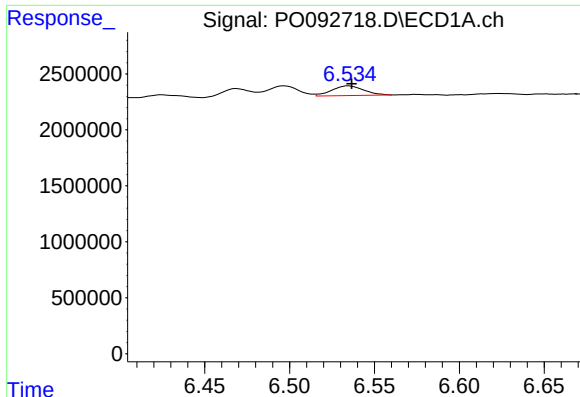
#24 AR-1248-4

R.T.: 6.497 min  
Delta R.T.: -0.002 min  
Response: 1218880  
Conc: 12.18 ng/ml



#24 AR-1248-4

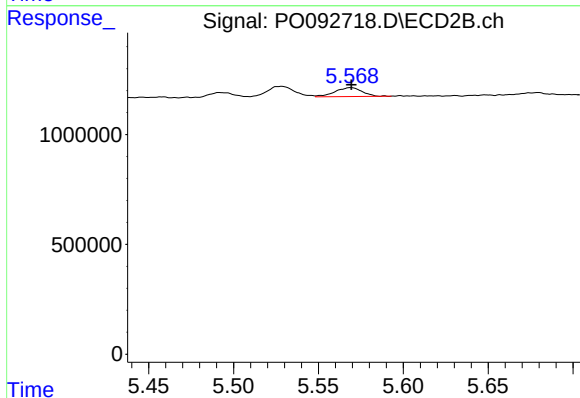
R.T.: 5.175 min  
Delta R.T.: 0.000 min  
Response: 621598  
Conc: 12.87 ng/ml



#25 AR-1248-5

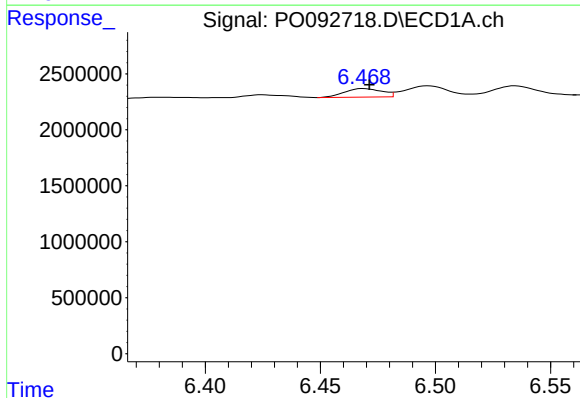
R.T.: 6.535 min  
Delta R.T.: -0.002 min  
Response: 1134066  
Conc: 11.20 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



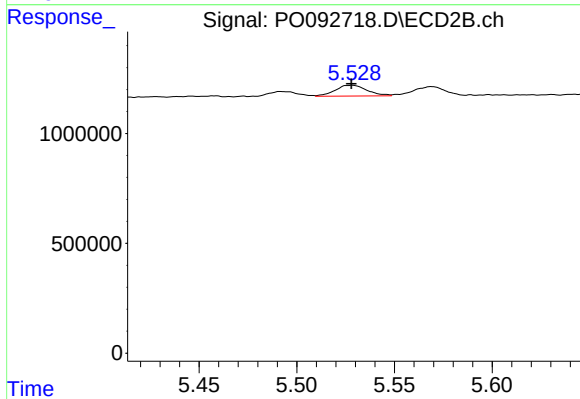
#25 AR-1248-5

R.T.: 5.569 min  
Delta R.T.: 0.000 min  
Response: 448019  
Conc: 10.73 ng/ml



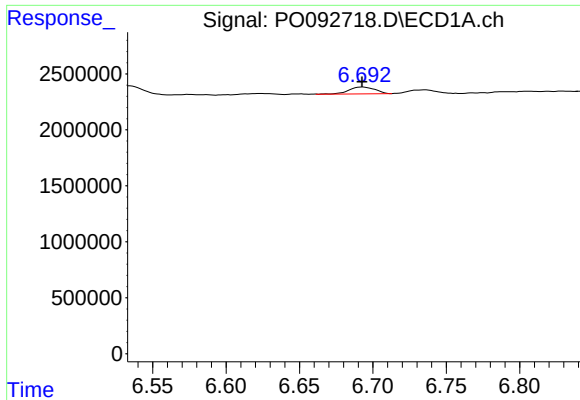
#26 AR-1254-1

R.T.: 6.469 min  
Delta R.T.: -0.002 min  
Response: 873708  
Conc: 7.71 ng/ml



#26 AR-1254-1

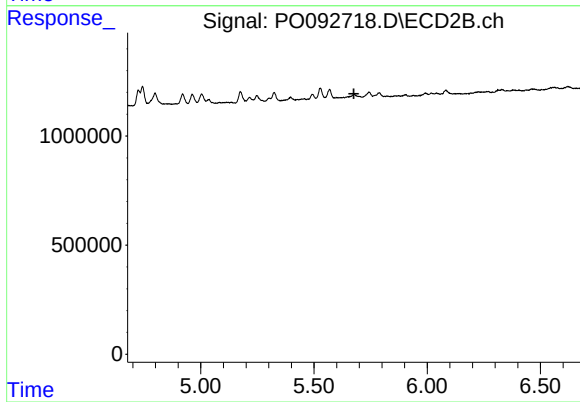
R.T.: 5.528 min  
Delta R.T.: 0.000 min  
Response: 551792  
Conc: 7.88 ng/ml



#27 AR-1254-2

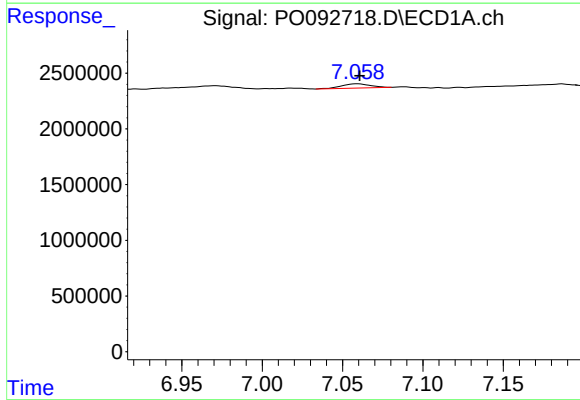
R.T.: 6.693 min  
Delta R.T.: 0.000 min  
Response: 745976  
Conc: 4.49 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



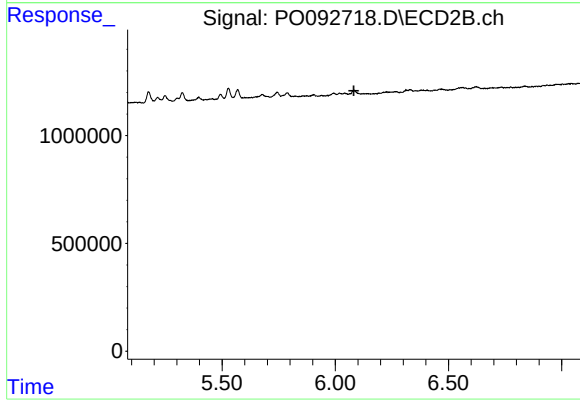
#27 AR-1254-2

R.T.: 0.000 min  
Exp R.T. : 5.676 min  
Response: 0  
Conc: N.D.



#28 AR-1254-3

R.T.: 7.059 min  
Delta R.T.: -0.002 min  
Response: 476629  
Conc: 2.91 ng/ml



#28 AR-1254-3

R.T.: 0.000 min  
Exp R.T. : 6.082 min  
Response: 0  
Conc: N.D.