

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO122021\  
 Data File : PO083858.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 20 Dec 2021 12:00  
 Operator : AJ\MA  
 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: Dec 20 12:34:25 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO121521.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Thu Dec 16 04:05:27 2021  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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... | 4.934  | 3.940 | 4893740 | 1487443 | 51.368   | 50.708   |
| 2)                          | SA Decachlor... | 11.008 | 9.235 | 3733613 | 1514078 | 54.510   | 53.922   |
| Target Compounds            |                 |        |       |         |         |          |          |
| 3)                          | L1 AR-1016-1    | 6.267  | 5.194 | 1175634 | 459083  | 369.402  | 373.105  |
| 4)                          | L1 AR-1016-2    | 6.291  | 5.213 | 1679976 | 636270  | 369.148  | 370.531  |
| 5)                          | L1 AR-1016-3    | 6.357  | 5.404 | 1011401 | 348124  | 371.828  | 382.473  |
| 6)                          | L1 AR-1016-4    | 6.465  | 5.458 | 823651  | 282593  | 370.908  | 382.559  |
| 7)                          | L1 AR-1016-5    | 6.782  | 5.685 | 836513  | 365653  | 393.931  | 403.279  |
| 8)                          | L2 AR-1221-1    | 5.183  | 4.195 | 137391  | 45027   | 136.250  | 130.205  |
| 9)                          | L2 AR-1221-2    | 5.288  | 4.295 | 181912  | 65788   | 254.590  | 250.635  |
| 10)                         | L2 AR-1221-3    | 5.377  | 4.384 | 665009  | 257056  | 289.524  | 301.407  |
| 11)                         | L3 AR-1232-1    | 5.377  | 4.384 | 665009  | 257056  | 341.566  | 345.603  |
| 12)                         | L3 AR-1232-2    | 5.969  | 5.213 | 853094  | 636270  | 837.786  | 888.056  |
| 13)                         | L3 AR-1232-3    | 6.291  | 5.404 | 1679976 | 348124  | 919.863  | 940.362  |
| 14)                         | L3 AR-1232-4    | 6.465  | 5.502 | 823651  | 341937  | 917.424  | 1052.447 |
| 15)                         | L3 AR-1232-5    | 6.563  | 5.685 | 644815  | 365653  | 1067.669 | 1046.380 |
| 16)                         | L4 AR-1242-1    | 6.267  | 5.194 | 1175634 | 459083  | 493.526  | 485.702  |
| 17)                         | L4 AR-1242-2    | 6.291  | 5.213 | 1679976 | 636270  | 493.338  | 485.560  |
| 18)                         | L4 AR-1242-3    | 6.357  | 5.404 | 1011401 | 348124  | 494.182  | 495.636  |
| 19)                         | L4 AR-1242-4    | 6.465  | 5.502 | 823651  | 341937  | 493.130  | 520.628  |
| 20)                         | L4 AR-1242-5    | 7.253  | 6.066 | 823910  | 416986  | 475.384  | 474.704  |
| 21)                         | L5 AR-1248-1    | 6.267  | 5.194 | 1175634 | 459083  | 673.532  | 659.517  |
| 22)                         | L5 AR-1248-2    | 6.563  | 5.458 | 644815  | 282593  | 279.181  | 283.212  |
| 23)                         | L5 AR-1248-3    | 6.782  | 5.502 | 836513  | 341937  | 309.936  | 341.036  |
| 24)                         | L5 AR-1248-4    | 7.214  | 5.685 | 802777  | 365653  | 272.639  | 315.347  |
| 25)                         | L5 AR-1248-5    | 7.253  | 6.109 | 823910  | 324606  | 290.176  | 277.933  |
| 26)                         | L6 AR-1254-1    | 7.182  | 6.066 | 619339  | 416986  | 201.073  | 227.243  |
| 27)                         | L6 AR-1254-2    | 7.419  | 6.226 | 720785  | 109213  | 155.319  | 68.763 # |
| 28)                         | L6 AR-1254-3    | 7.798  | 6.645 | 291380  | 151161  | 62.489   | 63.108   |
| 29)                         | L6 AR-1254-4    | 8.096  | 6.886 | 212410  | 126028  | 62.139   | 75.008   |
| 30)                         | L6 AR-1254-5    | 8.527  | 7.316 | 78204   | 41240   | 21.936   | 19.423   |
| 31)                         | L7 AR-1260-1    | 7.965  | 6.790 | 11960   | 80072   | 3.691    | 47.773 # |
| 32)                         | L7 AR-1260-2    | 8.232  | 0.000 | 71760   | 0       | 18.526   | N.D. #   |
| 33)                         | L7 AR-1260-3    | 8.590  | 7.133 | 7298    | 23078   | 2.464    | 13.036 # |
| 34)                         | L7 AR-1260-4    | 8.826  | 0.000 | 25316   | 0       | 7.401    | N.D. #   |
| 36)                         | L8 AR-1262-1    | 8.590  | 7.316 | 7298    | 41240   | 1.810    | 37.479 # |
| -----                       |                 |        |       |         |         |          |          |

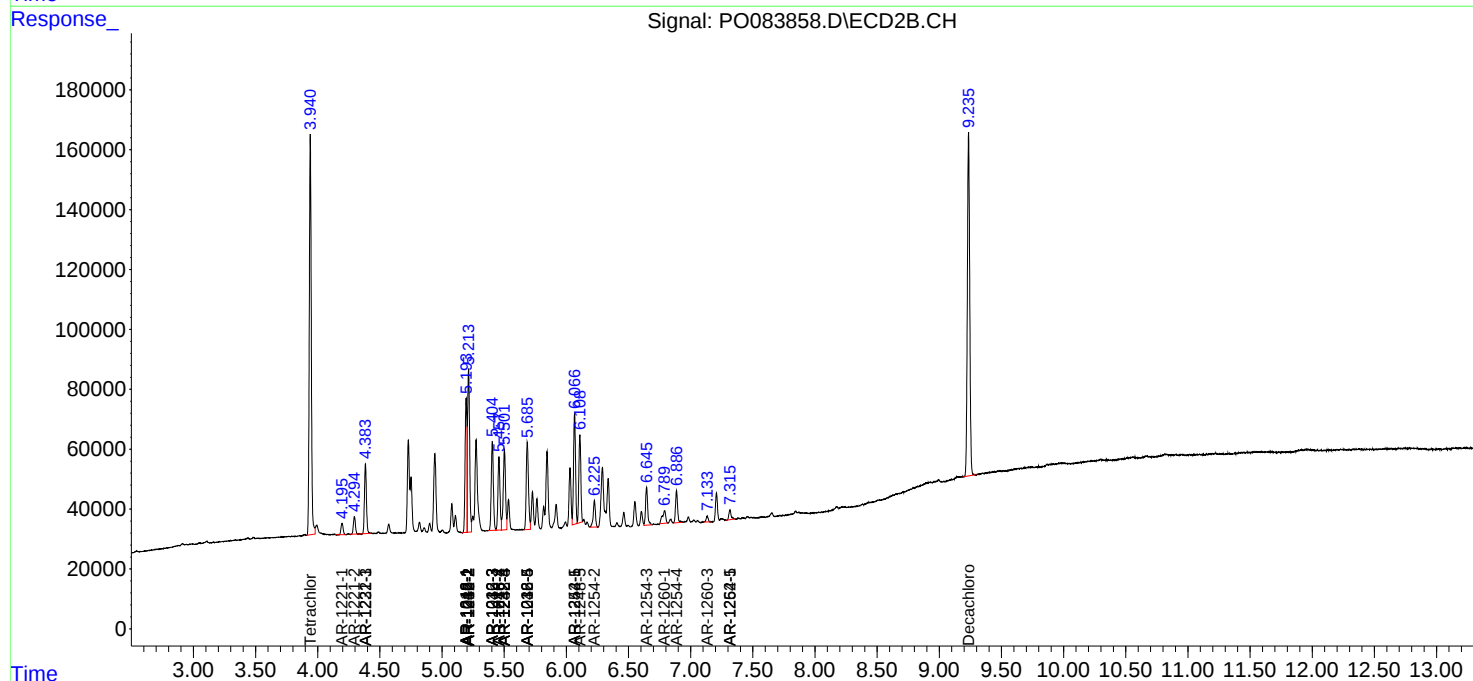
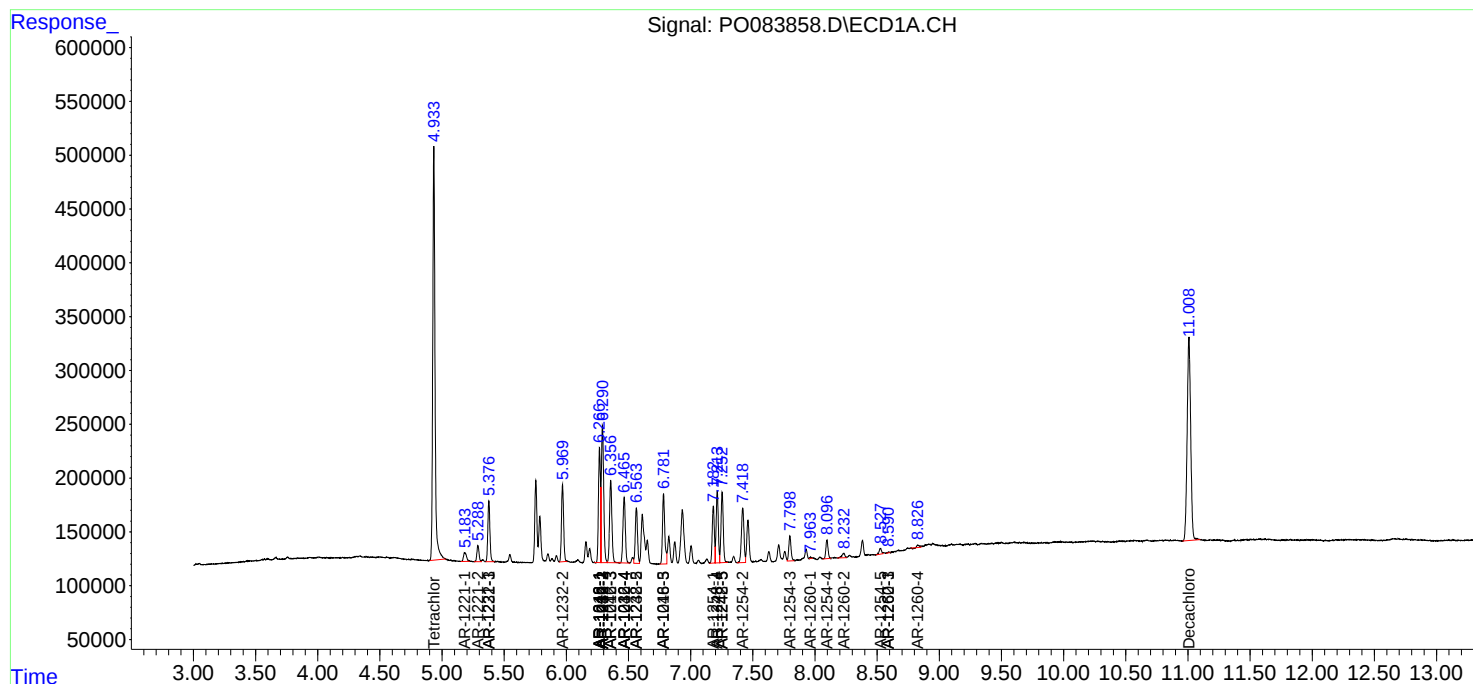
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

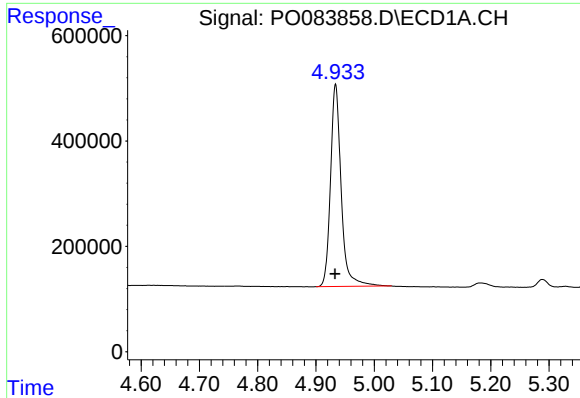
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO122021\  
Data File : PO083858.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 20 Dec 2021 12:00  
Operator : AJ\MA  
Sample : AR1242CCC500  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 20 12:34:25 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO121521.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Thu Dec 16 04:05:27 2021  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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

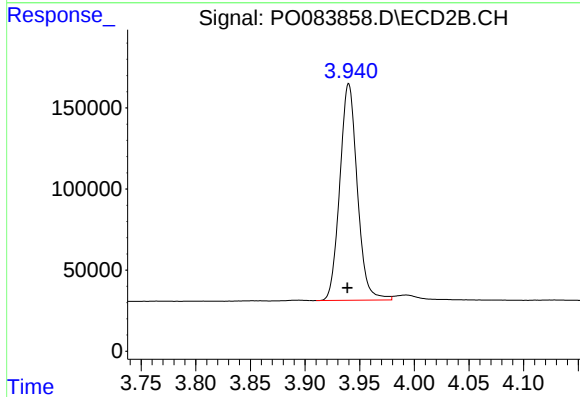




#1 Tetrachloro-m-xylene

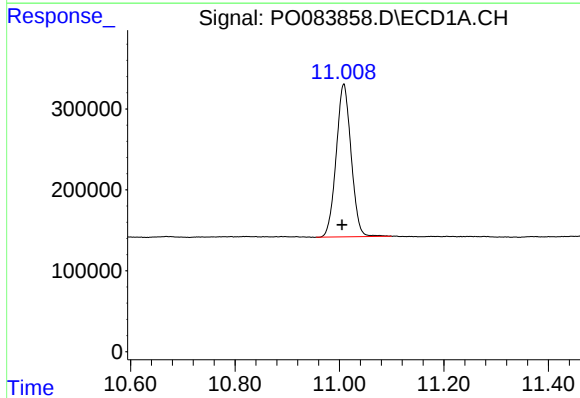
R.T.: 4.934 min  
Delta R.T.: 0.000 min  
Response: 4893740  
Conc: 51.37 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



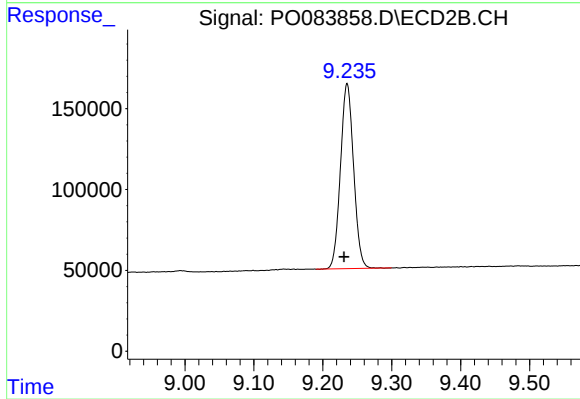
#1 Tetrachloro-m-xylene

R.T.: 3.940 min  
Delta R.T.: 0.001 min  
Response: 1487443  
Conc: 50.71 ng/ml



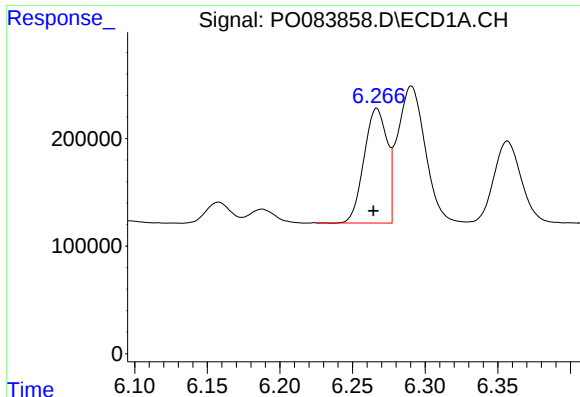
#2 Decachlorobiphenyl

R.T.: 11.008 min  
Delta R.T.: 0.003 min  
Response: 3733613  
Conc: 54.51 ng/ml



#2 Decachlorobiphenyl

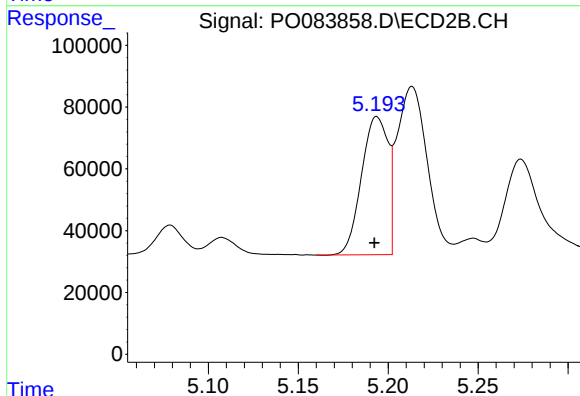
R.T.: 9.235 min  
Delta R.T.: 0.004 min  
Response: 1514078  
Conc: 53.92 ng/ml



#3 AR-1016-1

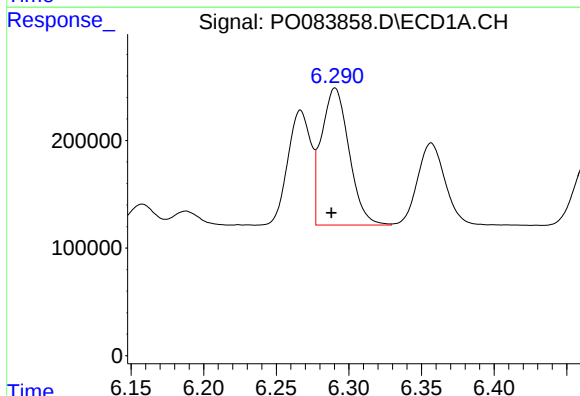
R.T.: 6.267 min  
Delta R.T.: 0.002 min  
Response: 1175634  
Conc: 369.40 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



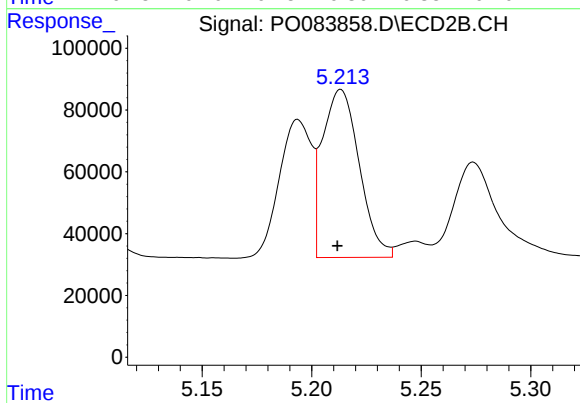
#3 AR-1016-1

R.T.: 5.194 min  
Delta R.T.: 0.001 min  
Response: 459083  
Conc: 373.11 ng/ml



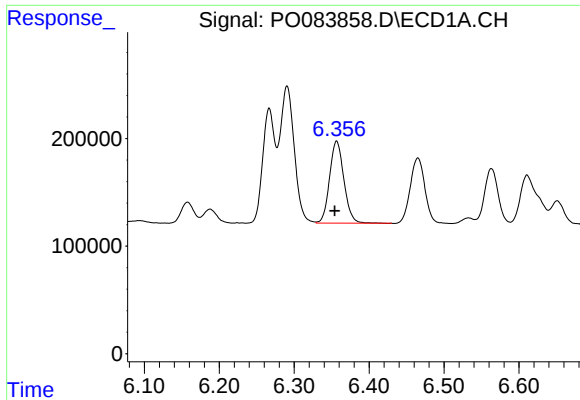
#4 AR-1016-2

R.T.: 6.291 min  
Delta R.T.: 0.003 min  
Response: 1679976  
Conc: 369.15 ng/ml



#4 AR-1016-2

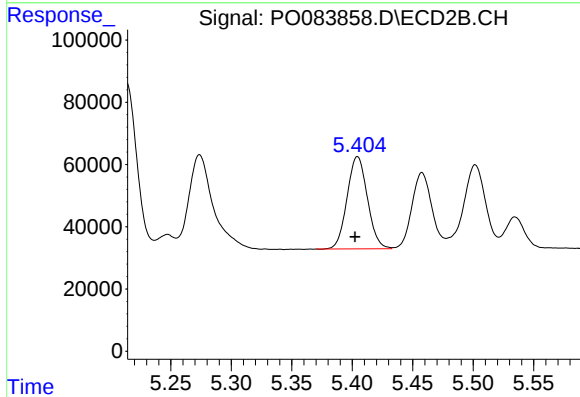
R.T.: 5.213 min  
Delta R.T.: 0.001 min  
Response: 636270  
Conc: 370.53 ng/ml



#5 AR-1016-3

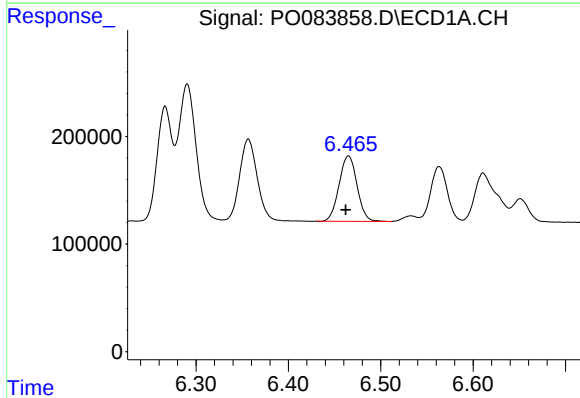
R.T.: 6.357 min  
Delta R.T.: 0.002 min  
Response: 1011401  
Conc: 371.83 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



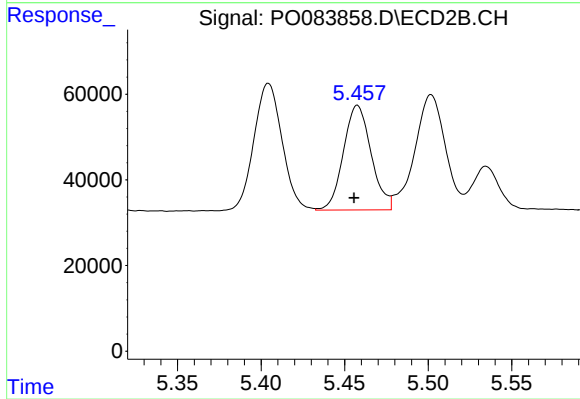
#5 AR-1016-3

R.T.: 5.404 min  
Delta R.T.: 0.002 min  
Response: 348124  
Conc: 382.47 ng/ml



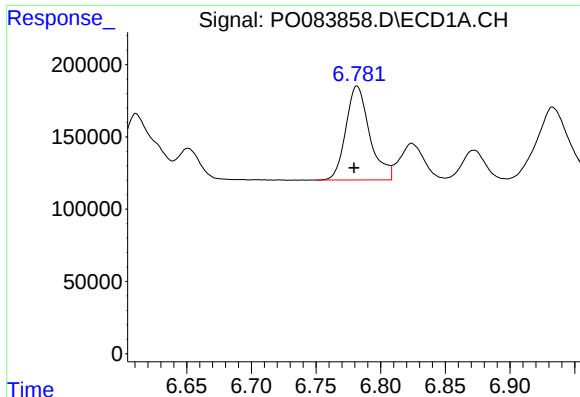
#6 AR-1016-4

R.T.: 6.465 min  
Delta R.T.: 0.003 min  
Response: 823651  
Conc: 370.91 ng/ml



#6 AR-1016-4

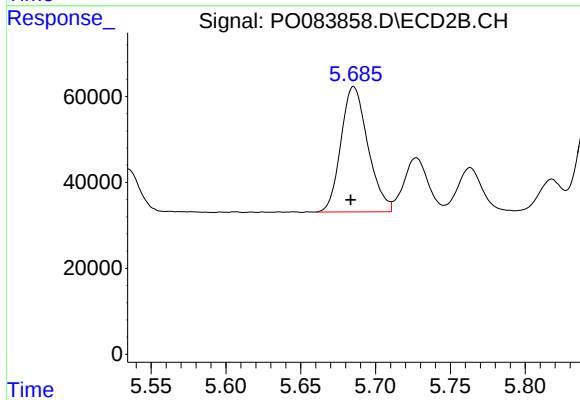
R.T.: 5.458 min  
Delta R.T.: 0.002 min  
Response: 282593  
Conc: 382.56 ng/ml



#7 AR-1016-5

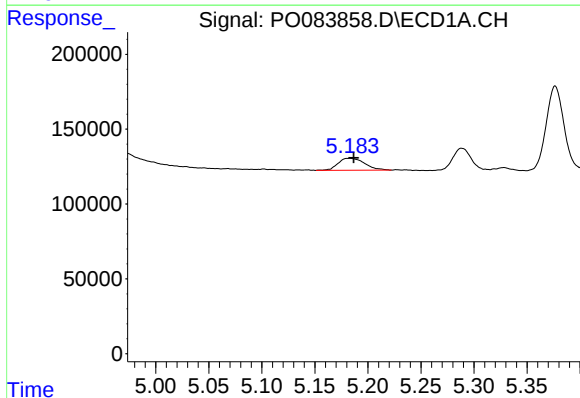
R.T.: 6.782 min  
Delta R.T.: 0.002 min  
Response: 836513  
Conc: 393.93 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



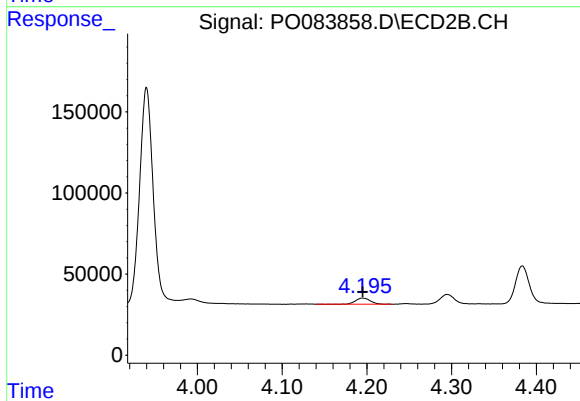
#7 AR-1016-5

R.T.: 5.685 min  
Delta R.T.: 0.002 min  
Response: 365653  
Conc: 403.28 ng/ml



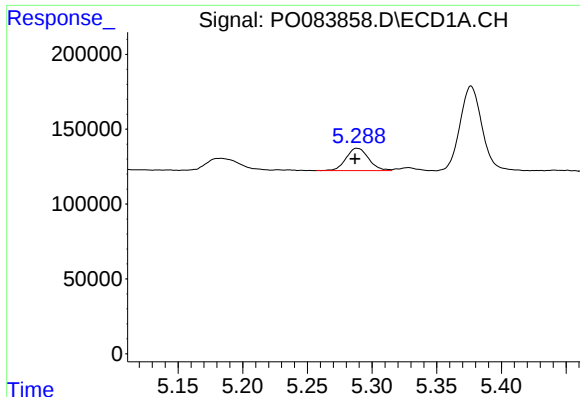
#8 AR-1221-1

R.T.: 5.183 min  
Delta R.T.: -0.003 min  
Response: 137391  
Conc: 136.25 ng/ml



#8 AR-1221-1

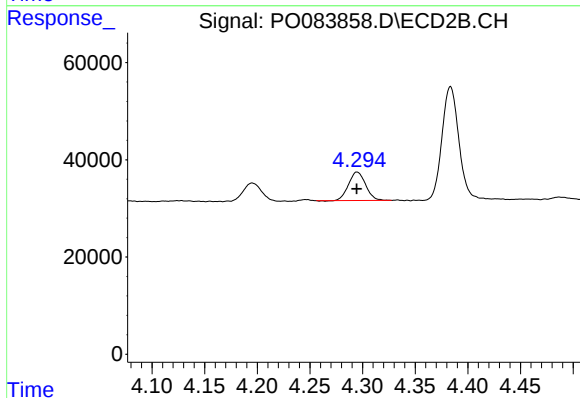
R.T.: 4.195 min  
Delta R.T.: 0.000 min  
Response: 45027  
Conc: 130.20 ng/ml



#9 AR-1221-2

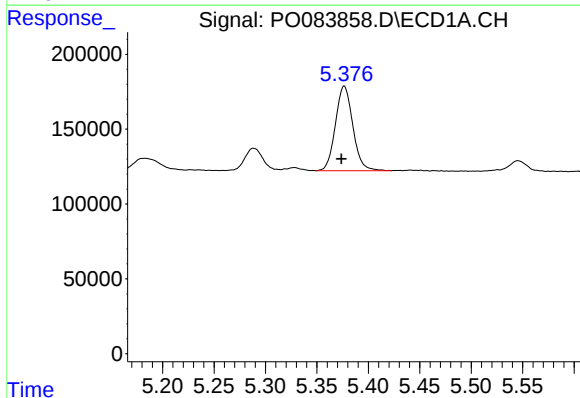
R.T.: 5.288 min  
Delta R.T.: 0.001 min  
Response: 181912  
Conc: 254.59 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



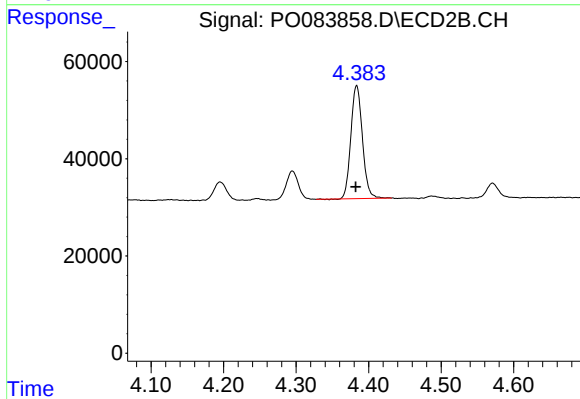
#9 AR-1221-2

R.T.: 4.295 min  
Delta R.T.: 0.000 min  
Response: 65788  
Conc: 250.64 ng/ml



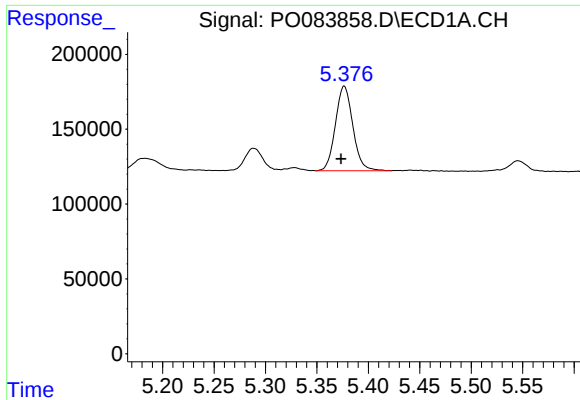
#10 AR-1221-3

R.T.: 5.377 min  
Delta R.T.: 0.003 min  
Response: 665009  
Conc: 289.52 ng/ml



#10 AR-1221-3

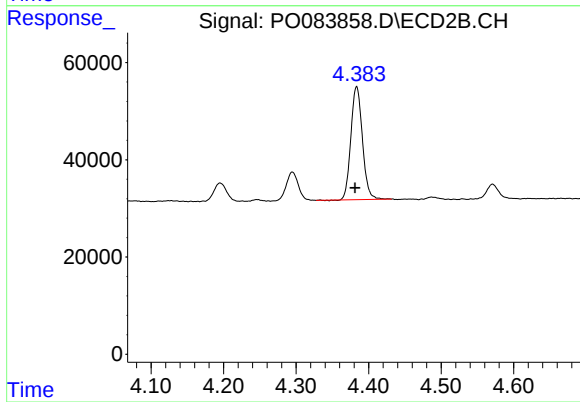
R.T.: 4.384 min  
Delta R.T.: 0.001 min  
Response: 257056  
Conc: 301.41 ng/ml



#11 AR-1232-1

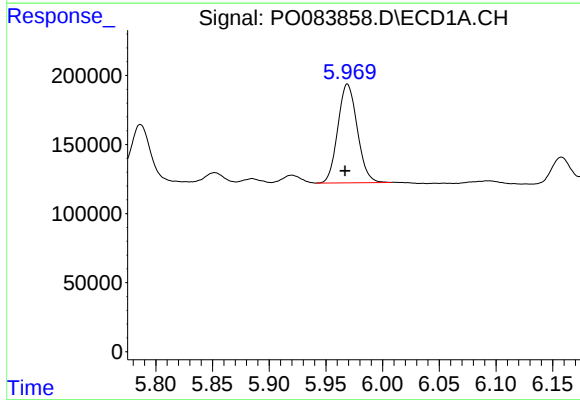
R.T.: 5.377 min  
Delta R.T.: 0.003 min  
Response: 665009  
Conc: 341.57 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



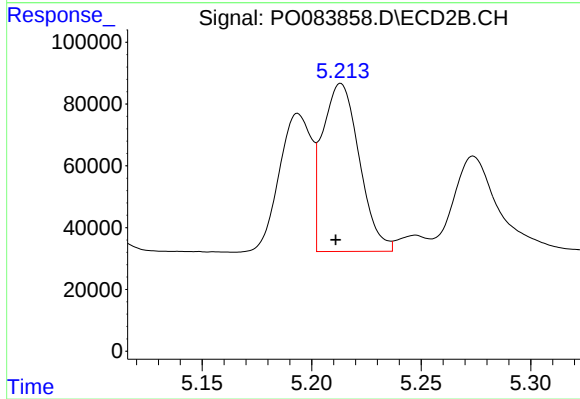
#11 AR-1232-1

R.T.: 4.384 min  
Delta R.T.: 0.002 min  
Response: 257056  
Conc: 345.60 ng/ml



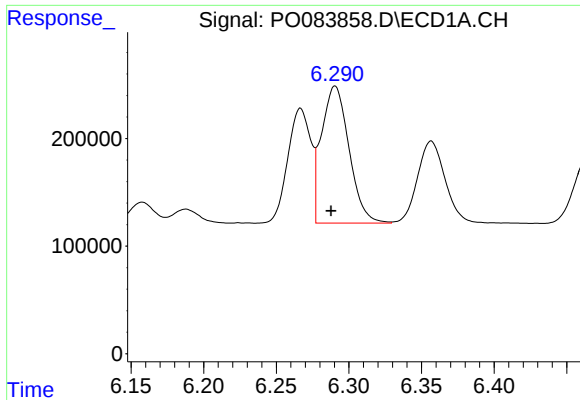
#12 AR-1232-2

R.T.: 5.969 min  
Delta R.T.: 0.002 min  
Response: 853094  
Conc: 837.79 ng/ml



#12 AR-1232-2

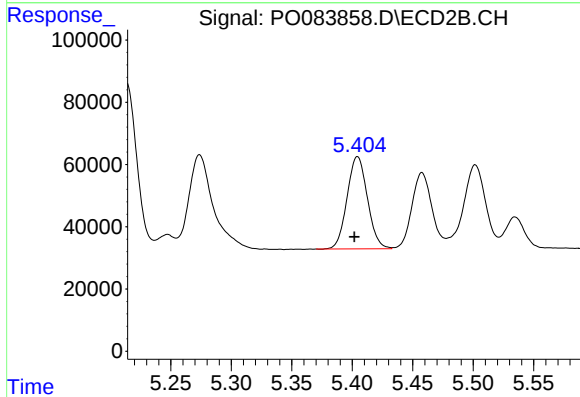
R.T.: 5.213 min  
Delta R.T.: 0.002 min  
Response: 636270  
Conc: 888.06 ng/ml



#13 AR-1232-3

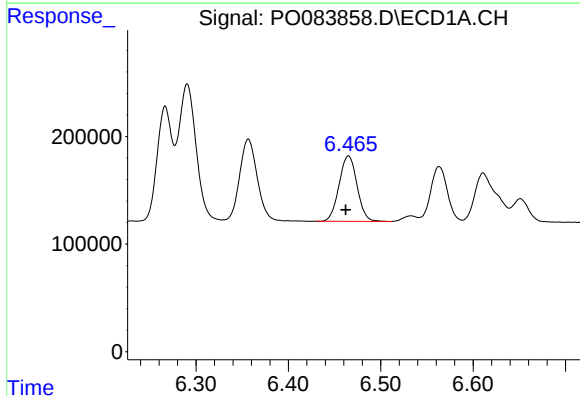
R.T.: 6.291 min  
Delta R.T.: 0.003 min  
Response: 1679976  
Conc: 919.86 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



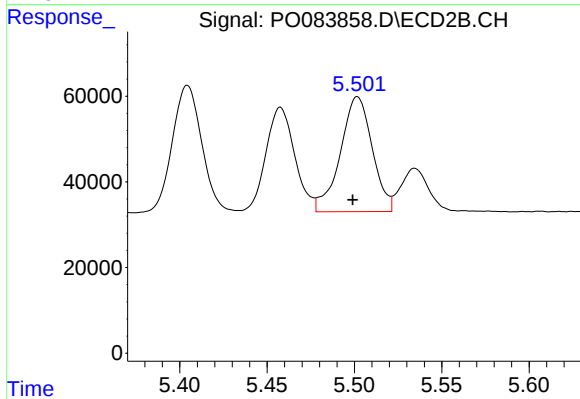
#13 AR-1232-3

R.T.: 5.404 min  
Delta R.T.: 0.002 min  
Response: 348124  
Conc: 940.36 ng/ml



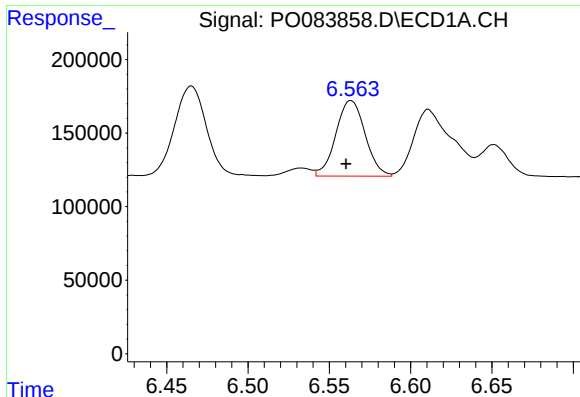
#14 AR-1232-4

R.T.: 6.465 min  
Delta R.T.: 0.003 min  
Response: 823651  
Conc: 917.42 ng/ml



#14 AR-1232-4

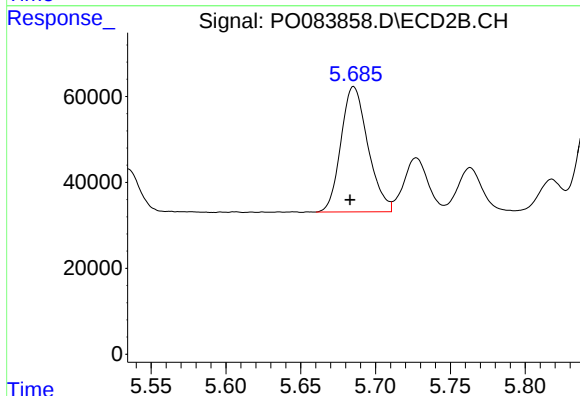
R.T.: 5.502 min  
Delta R.T.: 0.003 min  
Response: 341937  
Conc: 1052.45 ng/ml



#15 AR-1232-5

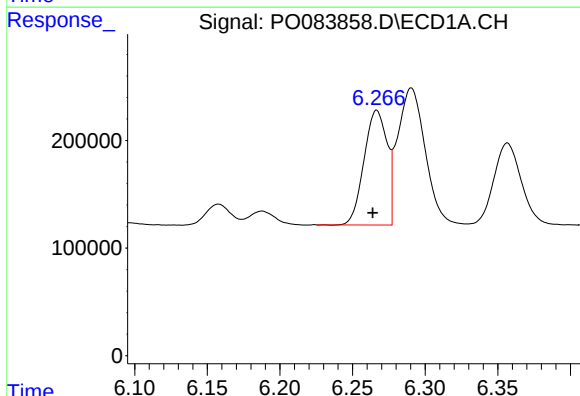
R.T.: 6.563 min  
Delta R.T.: 0.003 min  
Response: 644815  
Conc: 1067.67 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



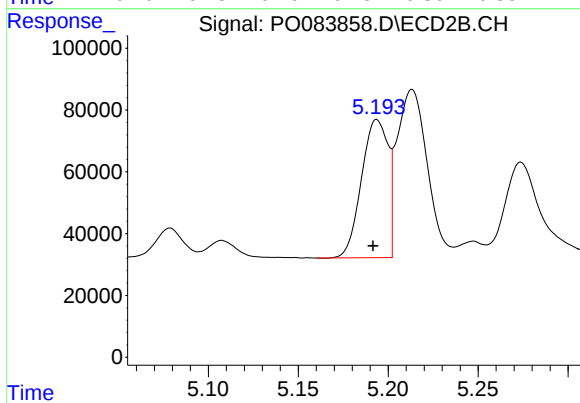
#15 AR-1232-5

R.T.: 5.685 min  
Delta R.T.: 0.003 min  
Response: 365653  
Conc: 1046.38 ng/ml



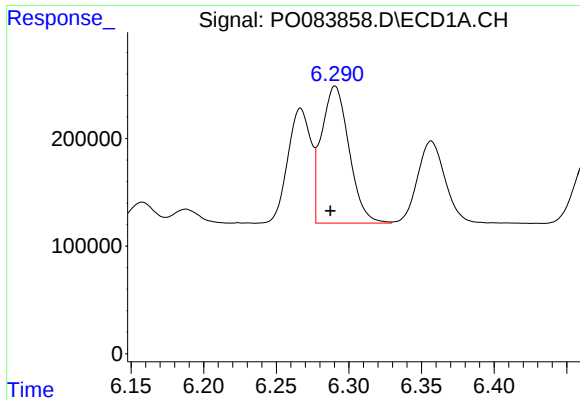
#16 AR-1242-1

R.T.: 6.267 min  
Delta R.T.: 0.003 min  
Response: 1175634  
Conc: 493.53 ng/ml



#16 AR-1242-1

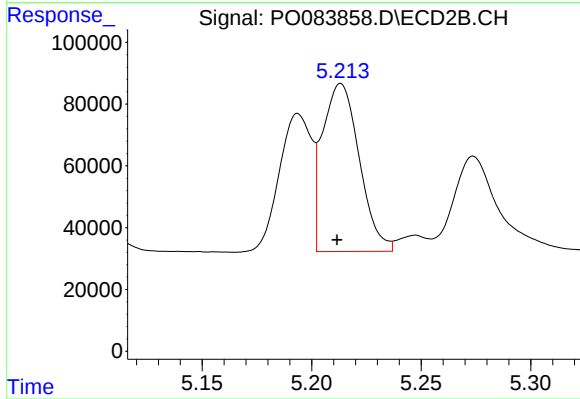
R.T.: 5.194 min  
Delta R.T.: 0.002 min  
Response: 459083  
Conc: 485.70 ng/ml



#17 AR-1242-2

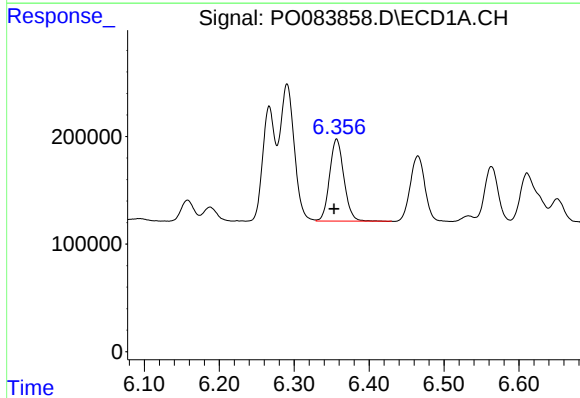
R.T.: 6.291 min  
Delta R.T.: 0.003 min  
Response: 1679976  
Conc: 493.34 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



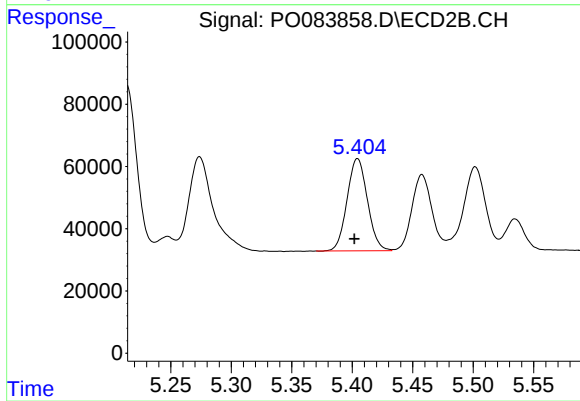
#17 AR-1242-2

R.T.: 5.213 min  
Delta R.T.: 0.002 min  
Response: 636270  
Conc: 485.56 ng/ml



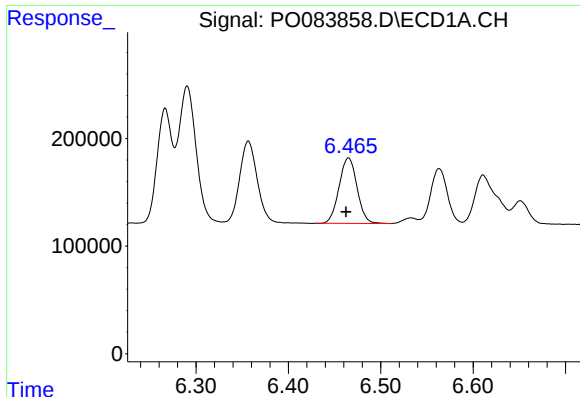
#18 AR-1242-3

R.T.: 6.357 min  
Delta R.T.: 0.003 min  
Response: 1011401  
Conc: 494.18 ng/ml



#18 AR-1242-3

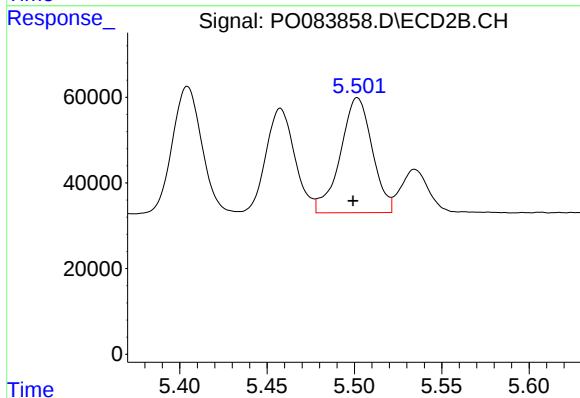
R.T.: 5.404 min  
Delta R.T.: 0.002 min  
Response: 348124  
Conc: 495.64 ng/ml



#19 AR-1242-4

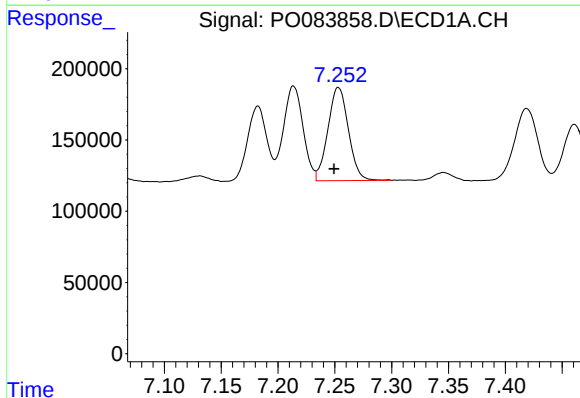
R.T.: 6.465 min  
Delta R.T.: 0.003 min  
Response: 823651  
Conc: 493.13 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



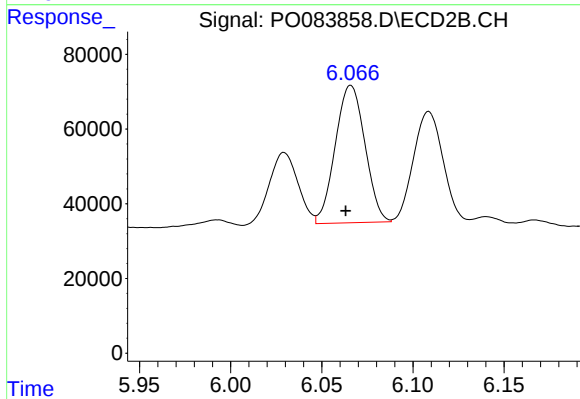
#19 AR-1242-4

R.T.: 5.502 min  
Delta R.T.: 0.003 min  
Response: 341937  
Conc: 520.63 ng/ml



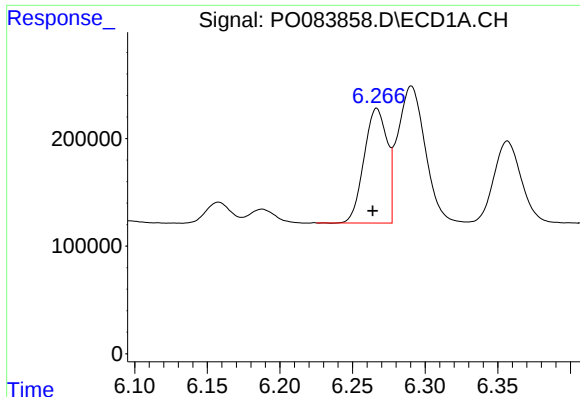
#20 AR-1242-5

R.T.: 7.253 min  
Delta R.T.: 0.004 min  
Response: 823910  
Conc: 475.38 ng/ml



#20 AR-1242-5

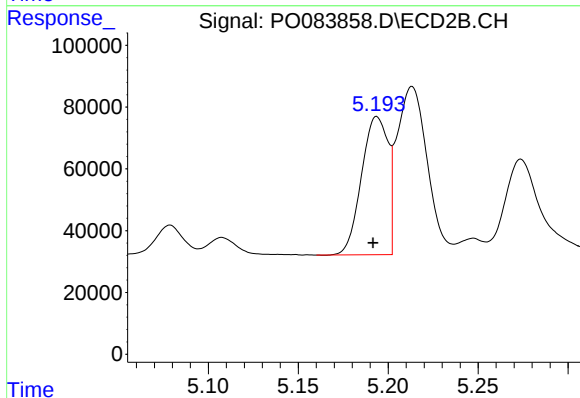
R.T.: 6.066 min  
Delta R.T.: 0.003 min  
Response: 416986  
Conc: 474.70 ng/ml



#21 AR-1248-1

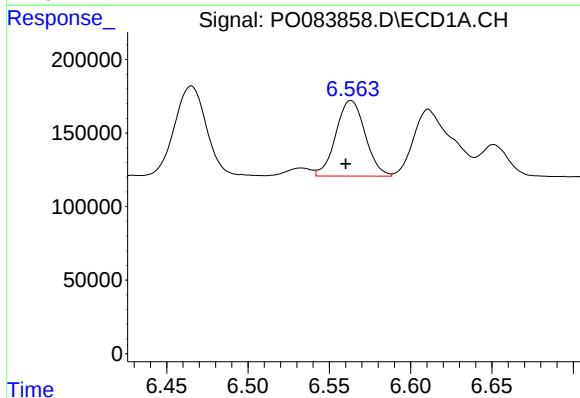
R.T.: 6.267 min  
Delta R.T.: 0.003 min  
Response: 1175634  
Conc: 673.53 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



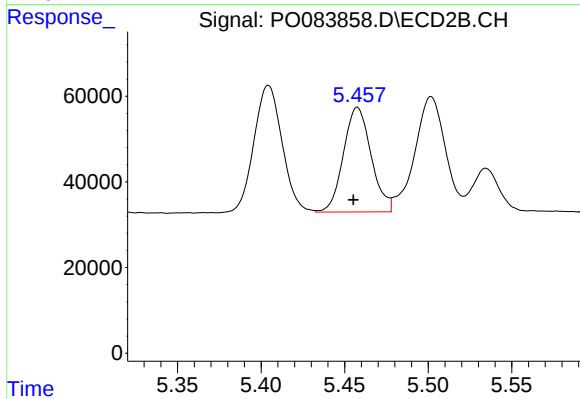
#21 AR-1248-1

R.T.: 5.194 min  
Delta R.T.: 0.002 min  
Response: 459083  
Conc: 659.52 ng/ml



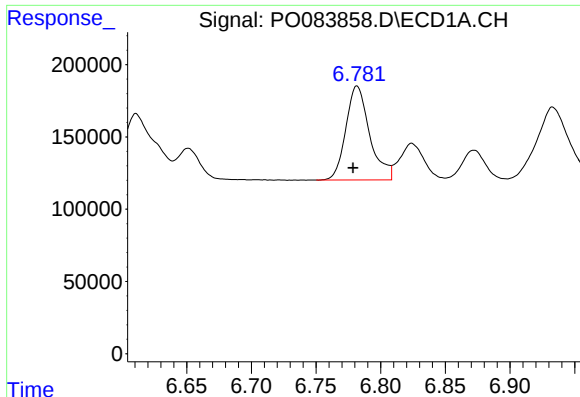
#22 AR-1248-2

R.T.: 6.563 min  
Delta R.T.: 0.003 min  
Response: 644815  
Conc: 279.18 ng/ml



#22 AR-1248-2

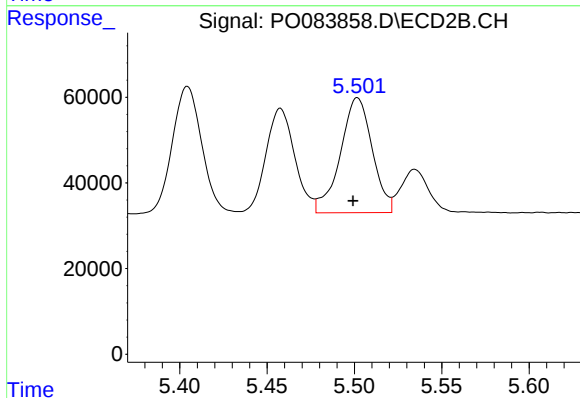
R.T.: 5.458 min  
Delta R.T.: 0.002 min  
Response: 282593  
Conc: 283.21 ng/ml



#23 AR-1248-3

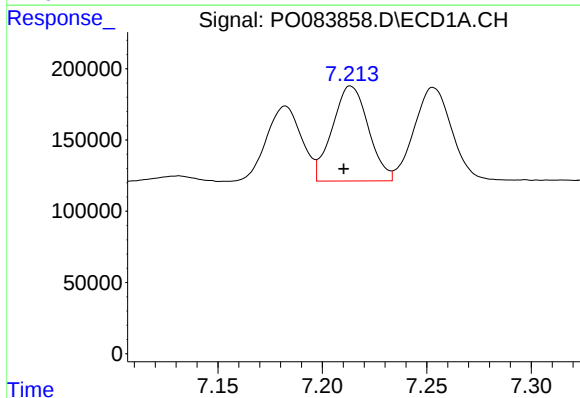
R.T.: 6.782 min  
Delta R.T.: 0.003 min  
Response: 836513  
Conc: 309.94 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



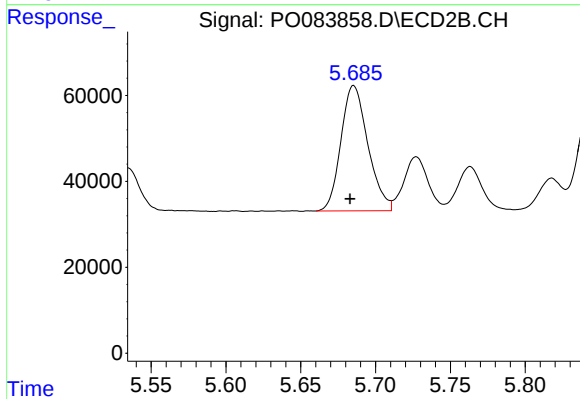
#23 AR-1248-3

R.T.: 5.502 min  
Delta R.T.: 0.003 min  
Response: 341937  
Conc: 341.04 ng/ml



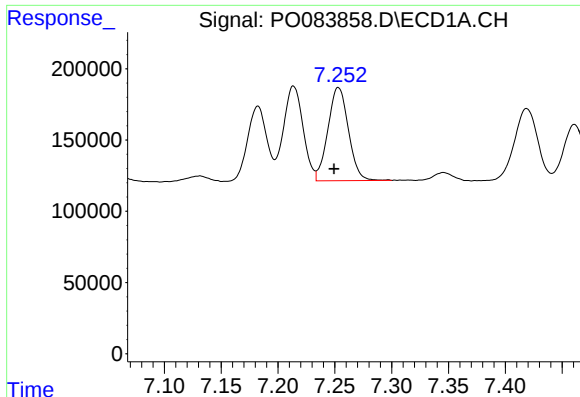
#24 AR-1248-4

R.T.: 7.214 min  
Delta R.T.: 0.003 min  
Response: 802777  
Conc: 272.64 ng/ml



#24 AR-1248-4

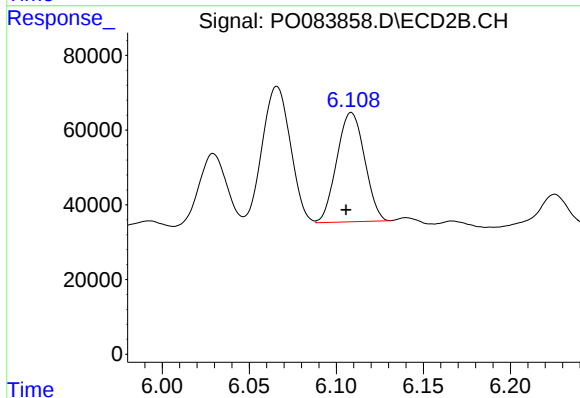
R.T.: 5.685 min  
Delta R.T.: 0.003 min  
Response: 365653  
Conc: 315.35 ng/ml



#25 AR-1248-5

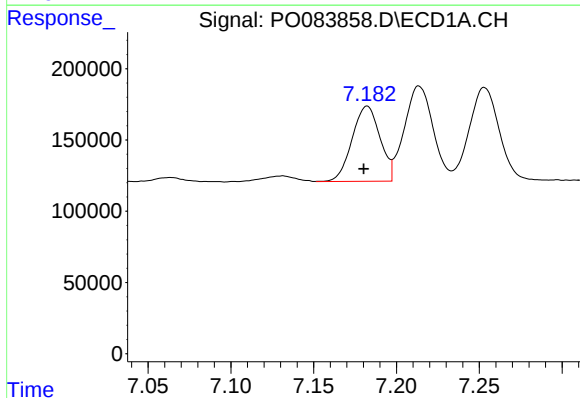
R.T.: 7.253 min  
Delta R.T.: 0.004 min  
Response: 823910  
Conc: 290.18 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



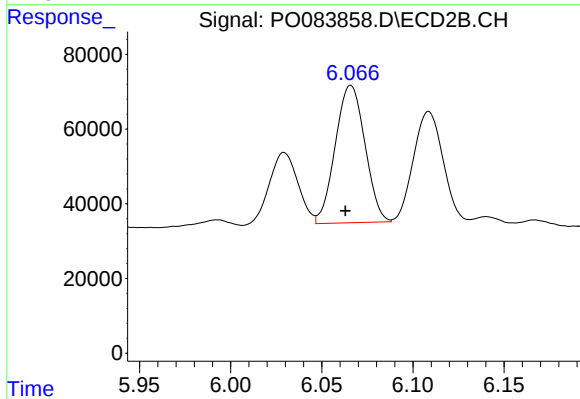
#25 AR-1248-5

R.T.: 6.109 min  
Delta R.T.: 0.003 min  
Response: 324606  
Conc: 277.93 ng/ml



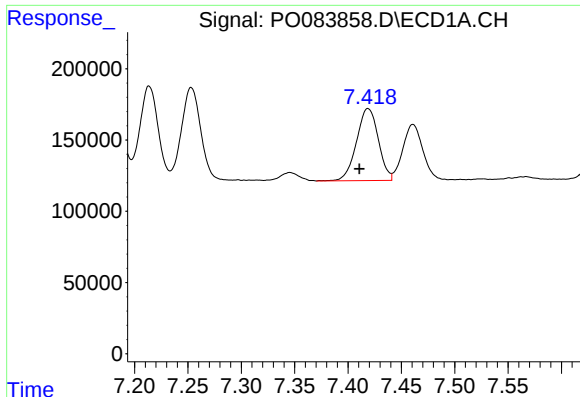
#26 AR-1254-1

R.T.: 7.182 min  
Delta R.T.: 0.002 min  
Response: 619339  
Conc: 201.07 ng/ml



#26 AR-1254-1

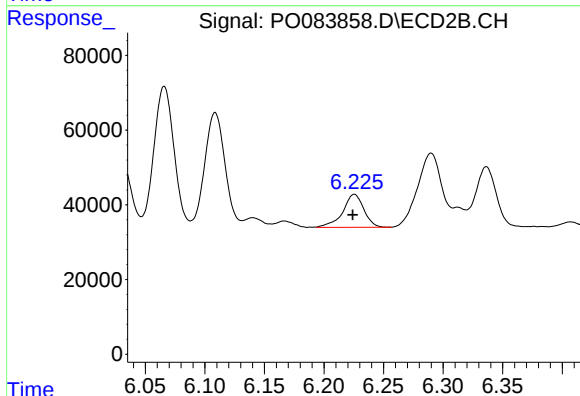
R.T.: 6.066 min  
Delta R.T.: 0.003 min  
Response: 416986  
Conc: 227.24 ng/ml



#27 AR-1254-2

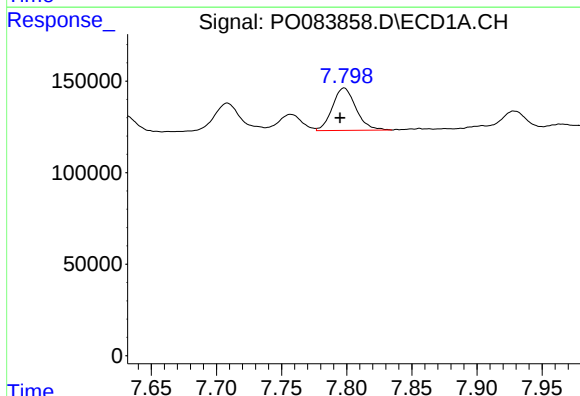
R.T.: 7.419 min  
Delta R.T.: 0.008 min  
Response: 720785  
Conc: 155.32 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



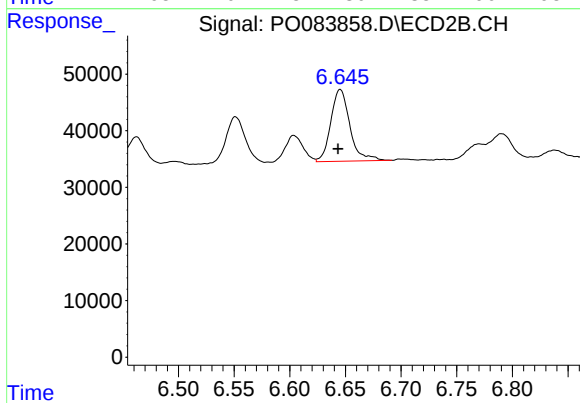
#27 AR-1254-2

R.T.: 6.226 min  
Delta R.T.: 0.001 min  
Response: 109213  
Conc: 68.76 ng/ml



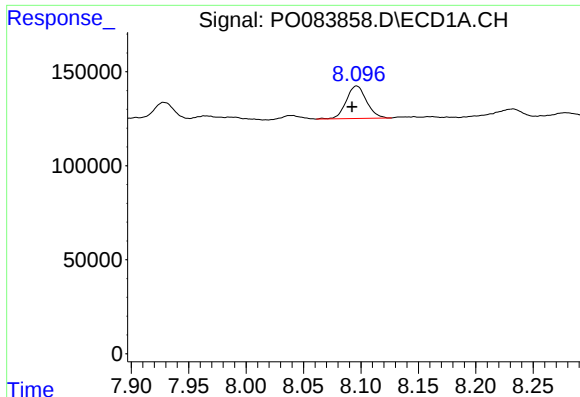
#28 AR-1254-3

R.T.: 7.798 min  
Delta R.T.: 0.003 min  
Response: 291380  
Conc: 62.49 ng/ml



#28 AR-1254-3

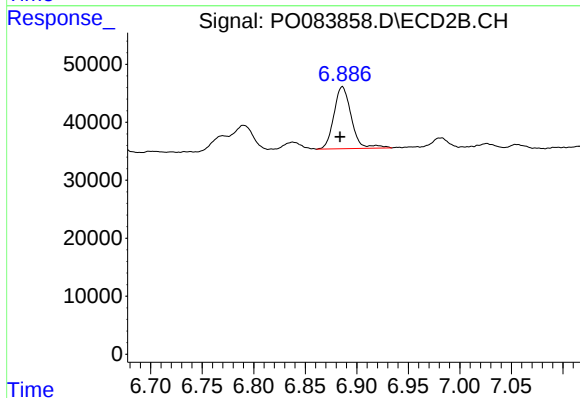
R.T.: 6.645 min  
Delta R.T.: 0.002 min  
Response: 151161  
Conc: 63.11 ng/ml



#29 AR-1254-4

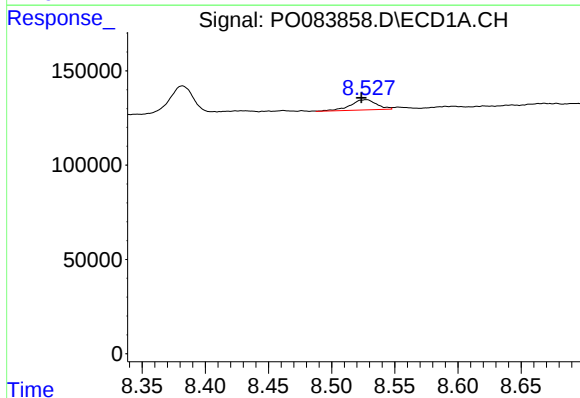
R.T.: 8.096 min  
Delta R.T.: 0.004 min  
Response: 212410  
Conc: 62.14 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



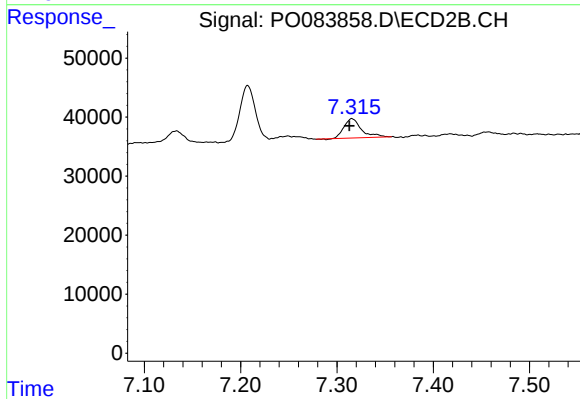
#29 AR-1254-4

R.T.: 6.886 min  
Delta R.T.: 0.002 min  
Response: 126028  
Conc: 75.01 ng/ml



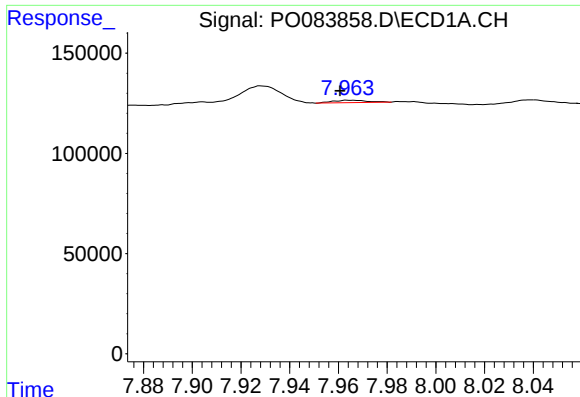
#30 AR-1254-5

R.T.: 8.527 min  
Delta R.T.: 0.004 min  
Response: 78204  
Conc: 21.94 ng/ml



#30 AR-1254-5

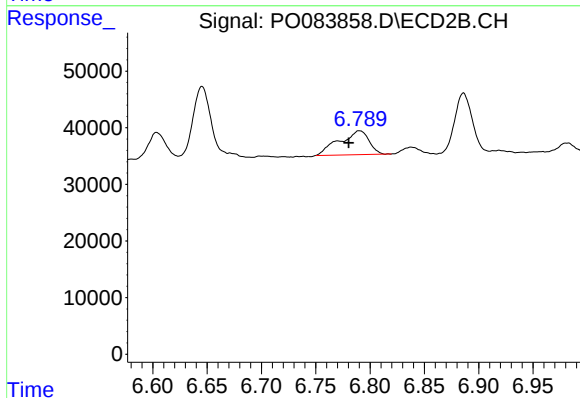
R.T.: 7.316 min  
Delta R.T.: 0.003 min  
Response: 41240  
Conc: 19.42 ng/ml



#31 AR-1260-1

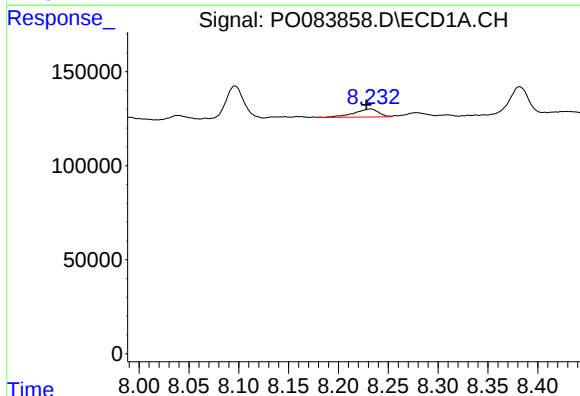
R.T.: 7.965 min  
Delta R.T.: 0.004 min  
Response: 11960  
Conc: 3.69 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



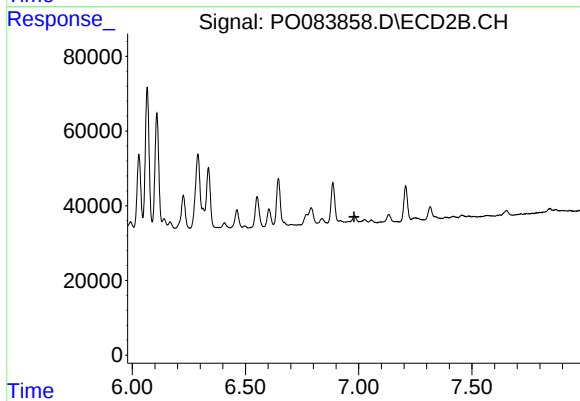
#31 AR-1260-1

R.T.: 6.790 min  
Delta R.T.: 0.010 min  
Response: 80072  
Conc: 47.77 ng/ml



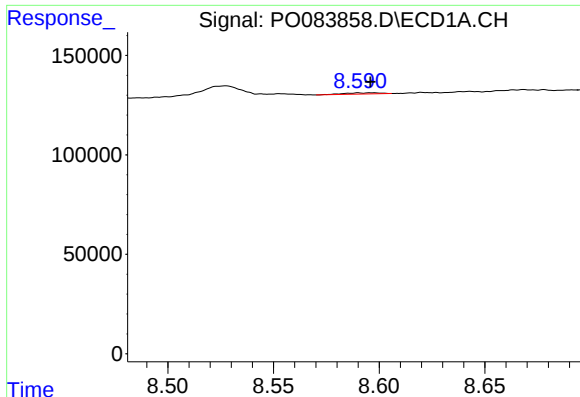
#32 AR-1260-2

R.T.: 8.232 min  
Delta R.T.: 0.004 min  
Response: 71760  
Conc: 18.53 ng/ml



#32 AR-1260-2

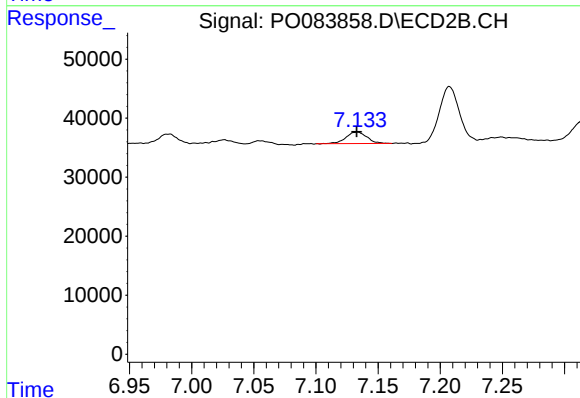
R.T.: 0.000 min  
Exp R.T. : 6.979 min  
Response: 0  
Conc: N.D.



#33 AR-1260-3

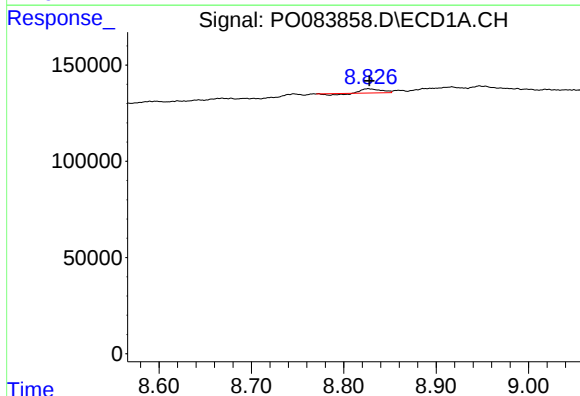
R.T.: 8.590 min  
Delta R.T.: -0.006 min  
Response: 7298  
Conc: 2.46 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



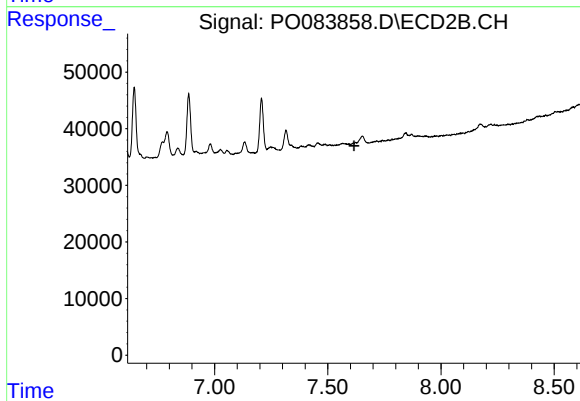
#33 AR-1260-3

R.T.: 7.133 min  
Delta R.T.: 0.000 min  
Response: 23078  
Conc: 13.04 ng/ml



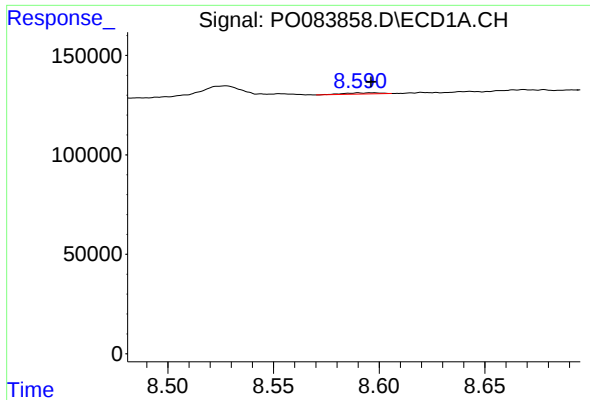
#34 AR-1260-4

R.T.: 8.826 min  
Delta R.T.: -0.002 min  
Response: 25316  
Conc: 7.40 ng/ml



#34 AR-1260-4

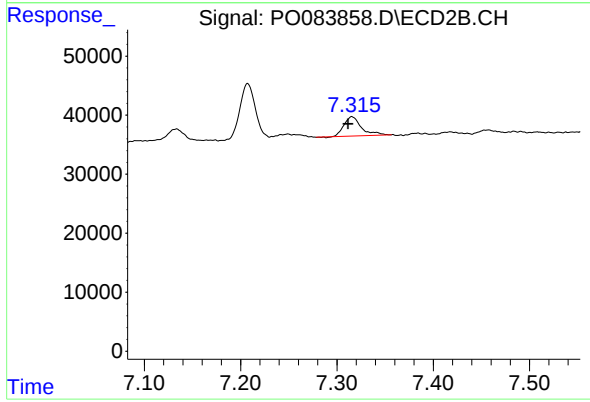
R.T.: 0.000 min  
Exp R.T. : 7.616 min  
Response: 0  
Conc: N.D.



#36 AR-1262-1

R.T.: 8.590 min  
Delta R.T.: -0.006 min  
Response: 7298  
Conc: 1.81 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



#36 AR-1262-1

R.T.: 7.316 min  
Delta R.T.: 0.004 min  
Response: 41240  
Conc: 37.48 ng/ml