

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_0\Data\P0092921\  
 Data File : P0081640.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 29 Sep 2021 18:01  
 Operator : AJ\MA  
 Sample : AR1242CCC500  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_0  
 ClientSampleId :  
 AR1242CCC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 30 01:47:26 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_0\methods\P0092321.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Sep 24 02:21:54 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... | 4.868  | 3.984 | 4205612 | 1232408 | 47.161  | 46.258   |
| 2)                          | SA Decachlor... | 10.879 | 9.330 | 2984175 | 1018667 | 40.063  | 43.865   |
| Target Compounds            |                 |        |       |         |         |         |          |
| 3)                          | L1 AR-1016-1    | 6.195  | 5.252 | 1138026 | 319123  | 351.498 | 354.218  |
| 4)                          | L1 AR-1016-2    | 6.219  | 5.272 | 1596928 | 478718  | 344.514 | 350.559  |
| 5)                          | L1 AR-1016-3    | 6.285  | 5.466 | 984334  | 252502  | 343.814 | 356.149  |
| 6)                          | L1 AR-1016-4    | 6.392  | 5.518 | 818322  | 229190  | 355.754 | 370.004  |
| 7)                          | L1 AR-1016-5    | 6.708  | 5.750 | 1024191 | 258309  | 450.056 | 365.868  |
| 8)                          | L2 AR-1221-1    | 5.114  | 4.243 | 142762  | 31261   | 130.461 | 108.677  |
| 9)                          | L2 AR-1221-2    | 5.221  | 4.344 | 182136  | 48472   | 231.003 | 201.617  |
| 10)                         | L2 AR-1221-3    | 5.308  | 4.434 | 662751  | 196184  | 263.414 | 252.839  |
| 11)                         | L3 AR-1232-1    | 5.308  | 4.434 | 662751  | 196184  | 340.044 | 327.195  |
| 12)                         | L3 AR-1232-2    | 5.899  | 5.272 | 842406  | 478718  | 791.913 | 756.508  |
| 13)                         | L3 AR-1232-3    | 6.219  | 5.466 | 1596928 | 252502  | 792.190 | 795.206  |
| 14)                         | L3 AR-1232-4    | 6.392  | 5.562 | 818322  | 260316  | 800.818 | 866.281  |
| 15)                         | L3 AR-1232-5    | 6.491  | 5.750 | 695767  | 258309  | 943.627 | 812.595  |
| 16)                         | L4 AR-1242-1    | 6.195  | 5.252 | 1138026 | 319123  | 445.630 | 435.012  |
| 17)                         | L4 AR-1242-2    | 6.219  | 5.272 | 1596928 | 478718  | 444.714 | 434.791  |
| 18)                         | L4 AR-1242-3    | 6.285  | 5.466 | 984334  | 252502  | 431.351 | 450.413  |
| 19)                         | L4 AR-1242-4    | 6.392  | 5.562 | 818322  | 260316  | 450.609 | 453.352  |
| 20)                         | L4 AR-1242-5    | 7.178  | 6.132 | 818186  | 329707  | 414.895 | 441.213  |
| 21)                         | L5 AR-1248-1    | 6.195  | 5.252 | 1138026 | 319123  | 565.372 | 533.234  |
| 22)                         | L5 AR-1248-2    | 6.491  | 5.518 | 695767  | 229190  | 263.795 | 258.277  |
| 23)                         | L5 AR-1248-3    | 6.708  | 5.562 | 1024191 | 260316  | 327.234 | 297.751  |
| 24)                         | L5 AR-1248-4    | 7.139  | 5.750 | 811921  | 258309  | 235.737 | 254.226  |
| 25)                         | L5 AR-1248-5    | 7.178  | 6.175 | 818186  | 249866  | 242.008 | 258.905  |
| 26)                         | L6 AR-1254-1    | 7.108  | 6.132 | 679544  | 329707  | 189.527 | 215.318  |
| 27)                         | L6 AR-1254-2    | 7.342  | 6.292 | 755641  | 95952   | 137.043 | 70.525 # |
| 28)                         | L6 AR-1254-3    | 7.721  | 6.716 | 427646  | 124469  | 75.790  | 62.573   |
| 29)                         | L6 AR-1254-4    | 8.018  | 6.958 | 357222  | 86100   | 86.872  | 68.955   |
| 30)                         | L6 AR-1254-5    | 8.448  | 7.390 | 409301  | 53535   | 88.797  | 28.637 # |
| 31)                         | L7 AR-1260-1    | 7.888  | 6.863 | 133863  | 72647   | 31.667  | 52.039 # |
| 32)                         | L7 AR-1260-2    | 8.155  | 7.051 | 364133  | 26124   | 70.155  | 15.985 # |
| 33)                         | L7 AR-1260-3    | 8.511  | 7.205 | 372248  | 61564   | 114.883 | 37.022 # |
| 34)                         | L7 AR-1260-4    | 8.745  | 0.000 | 174751  | 0       | 43.841  | N.D. #   |
| 35)                         | L7 AR-1260-5    | 9.070  | 0.000 | 95148   | 0       | 12.844  | N.D. #   |
| 36)                         | L8 AR-1262-1    | 8.511  | 7.390 | 372248  | 53535   | 71.816  | 53.785 # |
| 37)                         | L8 AR-1262-2    | 9.070  | 0.000 | 95148   | 0       | 10.668  | N.D. #   |
| -----                       |                 |        |       |         |         |         |          |

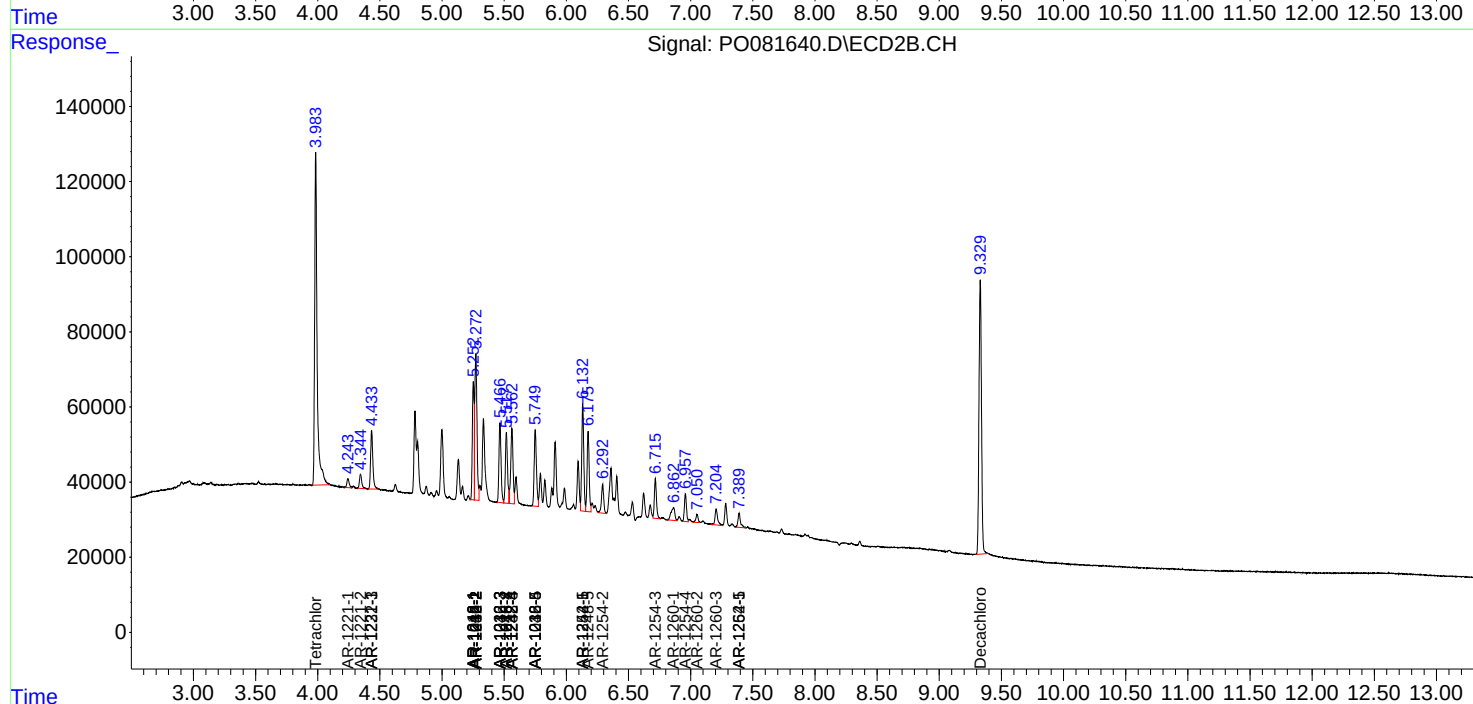
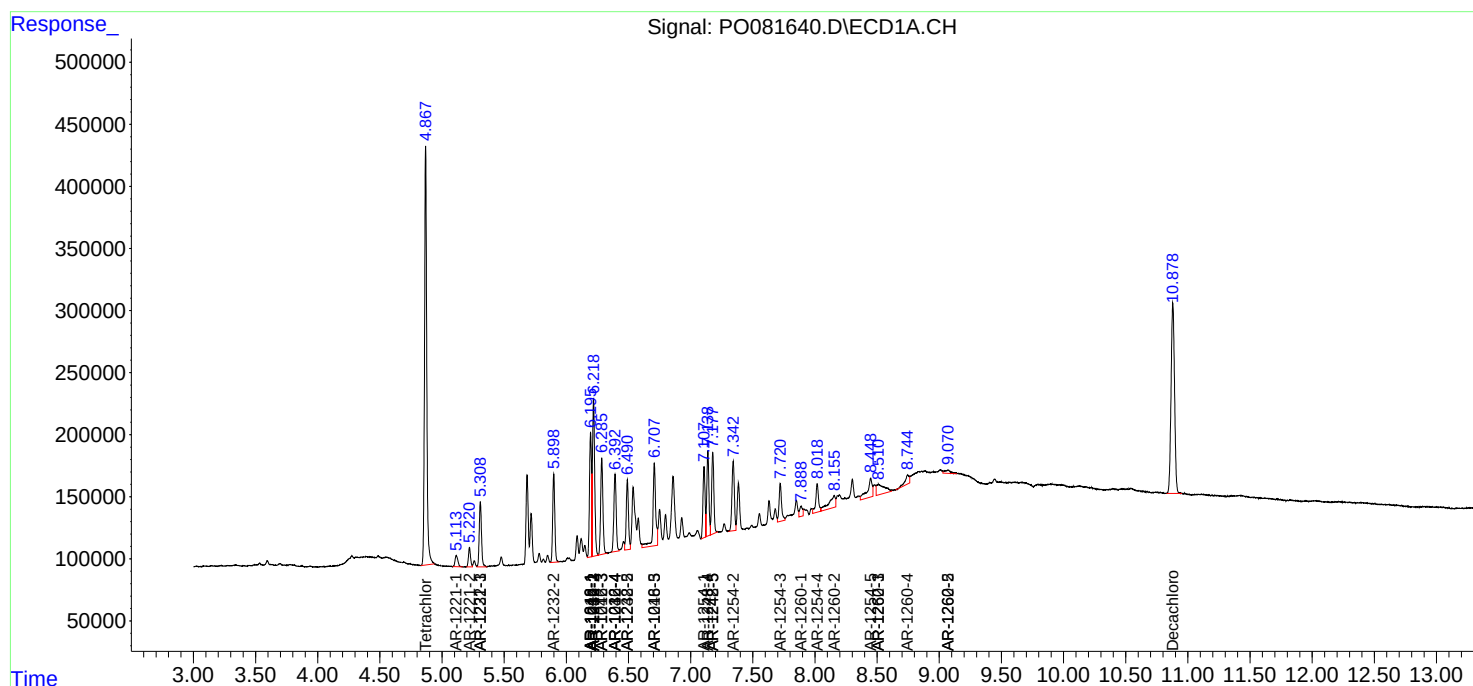
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

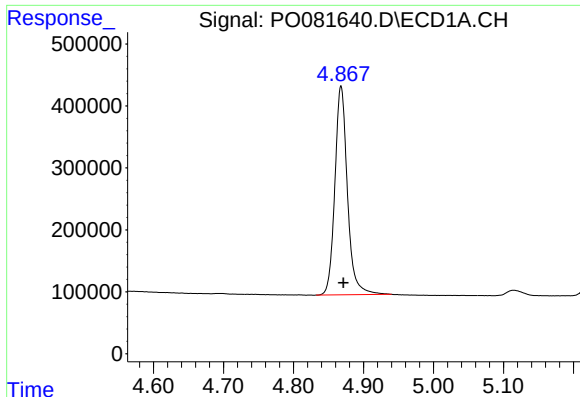
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO092921\  
Data File : PO081640.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 29 Sep 2021 18:01  
Operator : AJ\MA  
Sample : AR1242CCC500  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 30 01:47:26 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO092321.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Sep 24 02:21:54 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

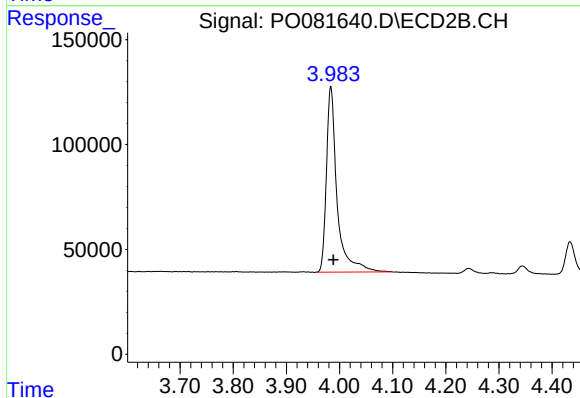




#1 Tetrachloro-m-xylene

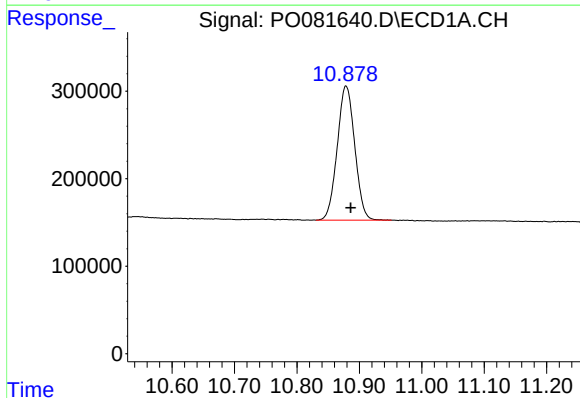
R.T.: 4.868 min  
Delta R.T.: -0.003 min  
Response: 4205612  
Conc: 47.16 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



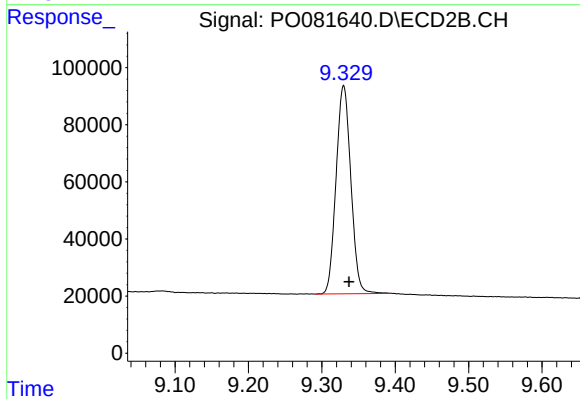
#1 Tetrachloro-m-xylene

R.T.: 3.984 min  
Delta R.T.: -0.005 min  
Response: 1232408  
Conc: 46.26 ng/ml



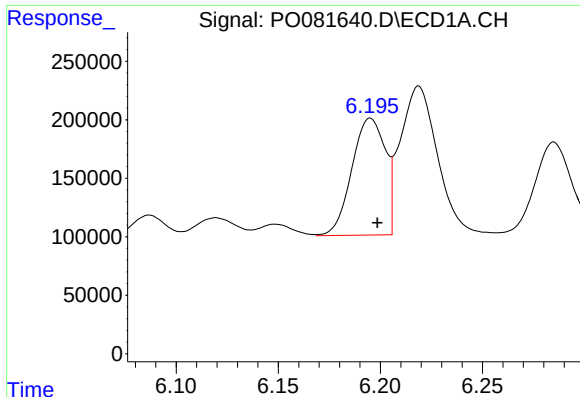
#2 Decachlorobiphenyl

R.T.: 10.879 min  
Delta R.T.: -0.007 min  
Response: 2984175  
Conc: 40.06 ng/ml



#2 Decachlorobiphenyl

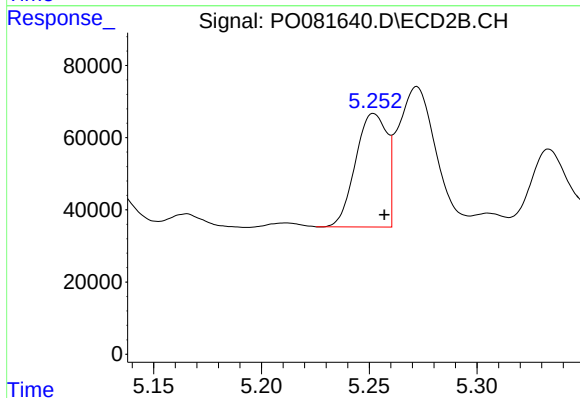
R.T.: 9.330 min  
Delta R.T.: -0.007 min  
Response: 1018667  
Conc: 43.87 ng/ml



#3 AR-1016-1

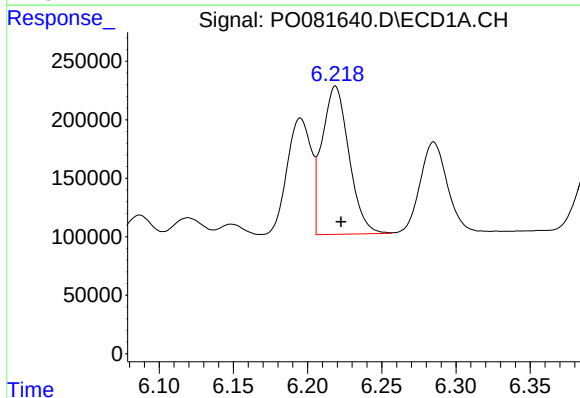
R.T.: 6.195 min  
Delta R.T.: -0.003 min  
Response: 1138026  
Conc: 351.50 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



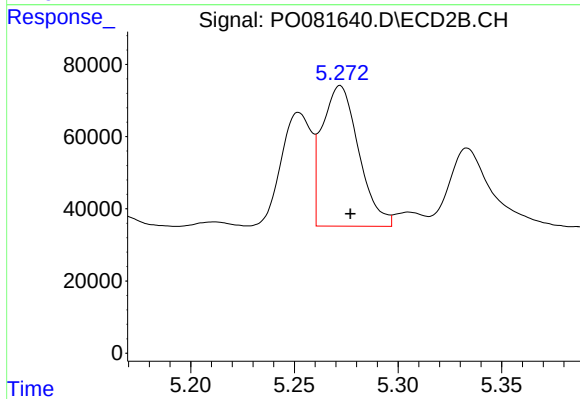
#3 AR-1016-1

R.T.: 5.252 min  
Delta R.T.: -0.005 min  
Response: 319123  
Conc: 354.22 ng/ml



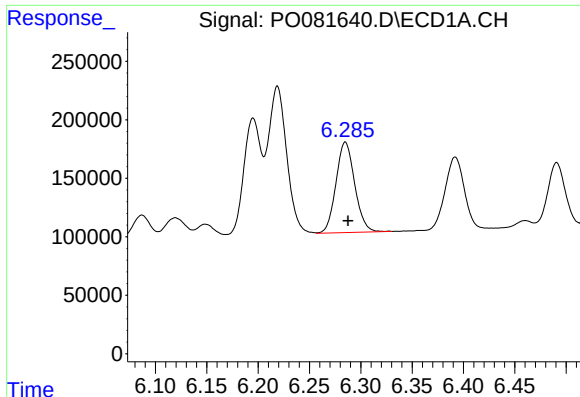
#4 AR-1016-2

R.T.: 6.219 min  
Delta R.T.: -0.004 min  
Response: 1596928  
Conc: 344.51 ng/ml



#4 AR-1016-2

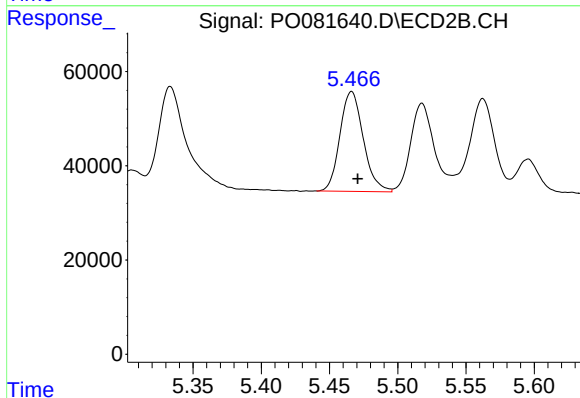
R.T.: 5.272 min  
Delta R.T.: -0.005 min  
Response: 478718  
Conc: 350.56 ng/ml



#5 AR-1016-3

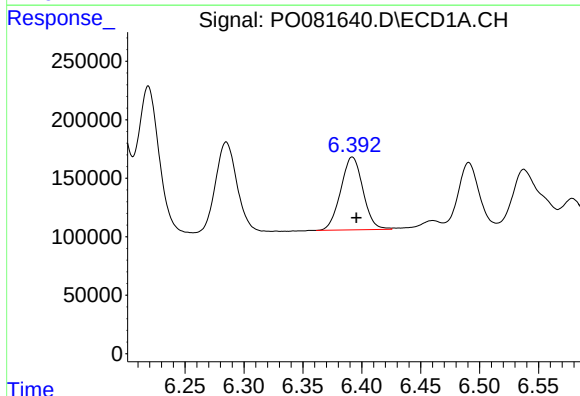
R.T.: 6.285 min  
Delta R.T.: -0.003 min  
Response: 984334  
Conc: 343.81 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



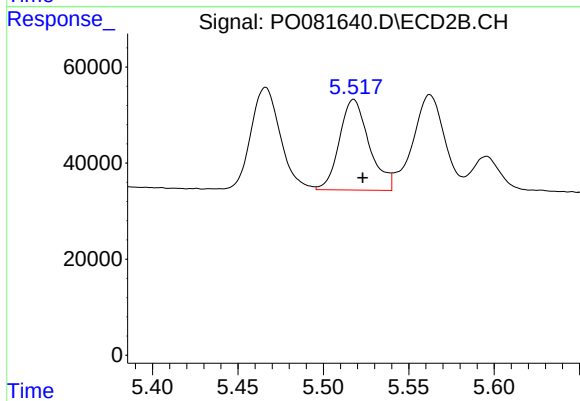
#5 AR-1016-3

R.T.: 5.466 min  
Delta R.T.: -0.005 min  
Response: 252502  
Conc: 356.15 ng/ml



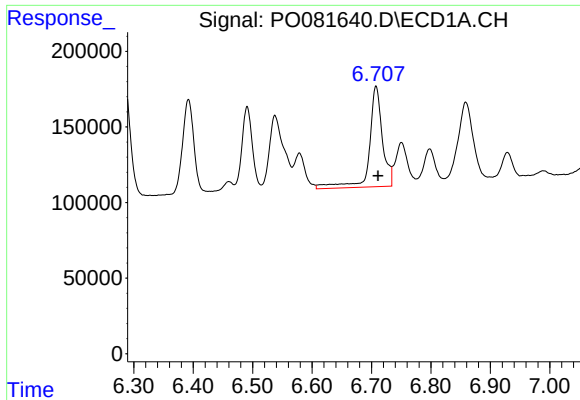
#6 AR-1016-4

R.T.: 6.392 min  
Delta R.T.: -0.003 min  
Response: 818322  
Conc: 355.75 ng/ml



#6 AR-1016-4

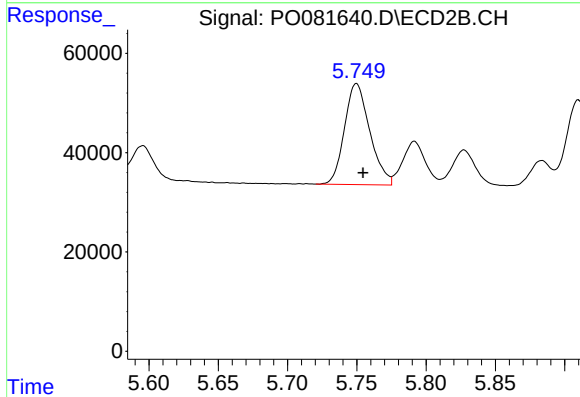
R.T.: 5.518 min  
Delta R.T.: -0.005 min  
Response: 229190  
Conc: 370.00 ng/ml



#7 AR-1016-5

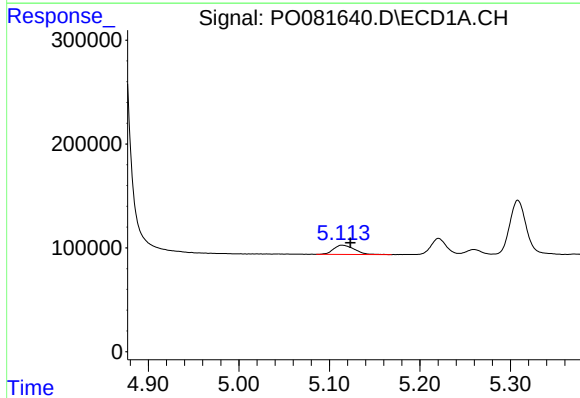
R.T.: 6.708 min  
Delta R.T.: -0.003 min  
Response: 1024191  
Conc: 450.06 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



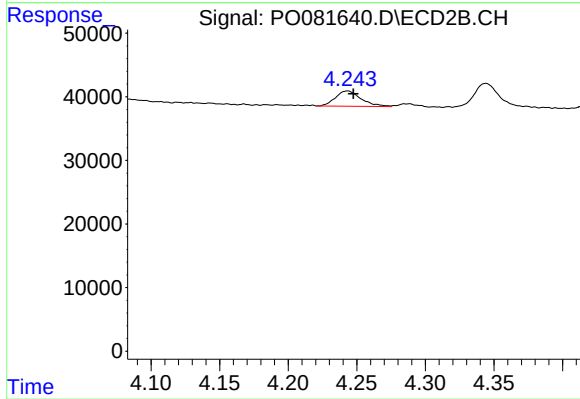
#7 AR-1016-5

R.T.: 5.750 min  
Delta R.T.: -0.005 min  
Response: 258309  
Conc: 365.87 ng/ml



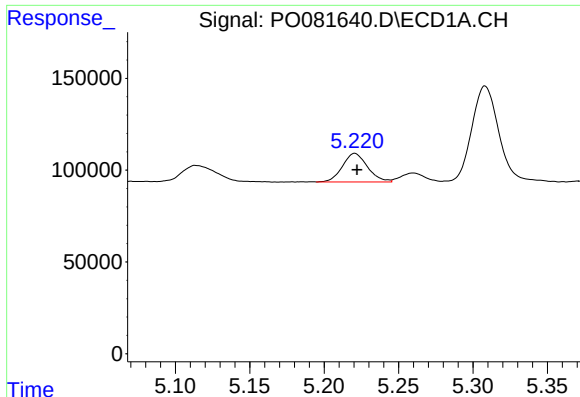
#8 AR-1221-1

R.T.: 5.114 min  
Delta R.T.: -0.009 min  
Response: 142762  
Conc: 130.46 ng/ml



#8 AR-1221-1

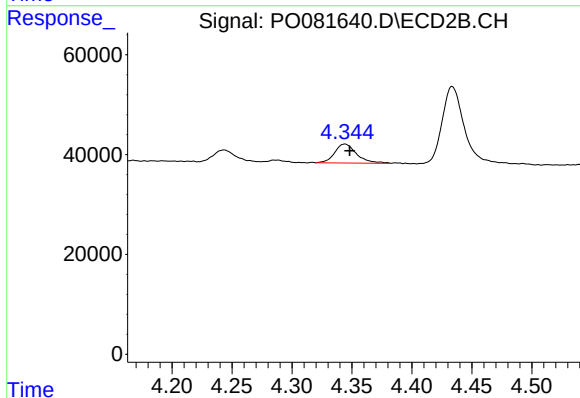
R.T.: 4.243 min  
Delta R.T.: -0.004 min  
Response: 31261  
Conc: 108.68 ng/ml



#9 AR-1221-2

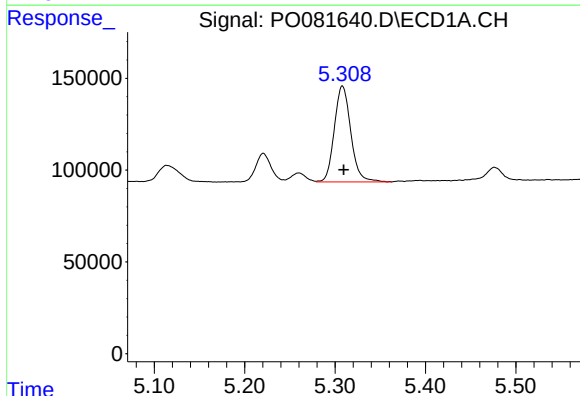
R.T.: 5.221 min  
Delta R.T.: -0.002 min  
Response: 182136  
Conc: 231.00 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



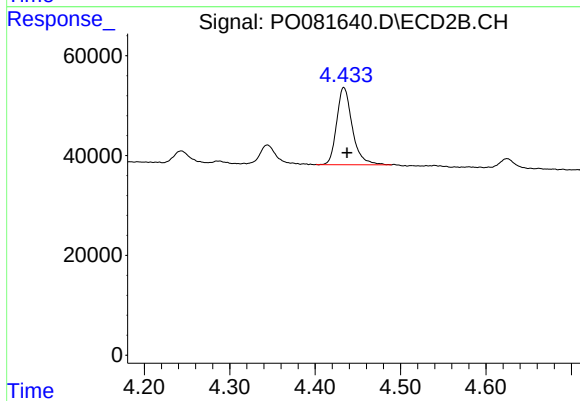
#9 AR-1221-2

R.T.: 4.344 min  
Delta R.T.: -0.004 min  
Response: 48472  
Conc: 201.62 ng/ml



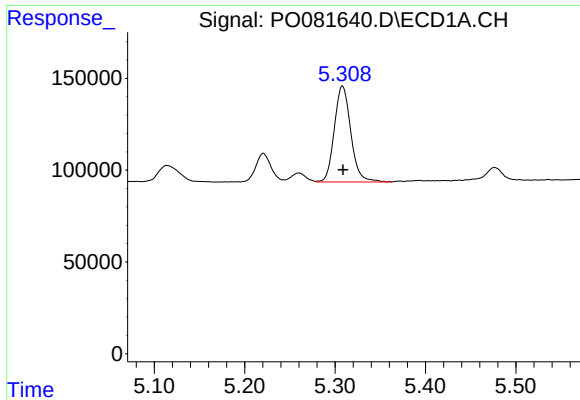
#10 AR-1221-3

R.T.: 5.308 min  
Delta R.T.: -0.001 min  
Response: 662751  
Conc: 263.41 ng/ml



#10 AR-1221-3

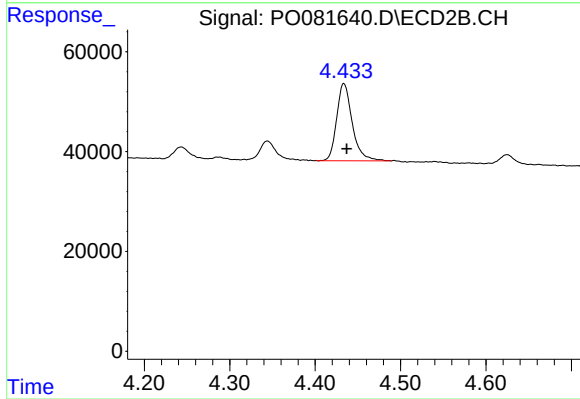
R.T.: 4.434 min  
Delta R.T.: -0.004 min  
Response: 196184  
Conc: 252.84 ng/ml



#11 AR-1232-1

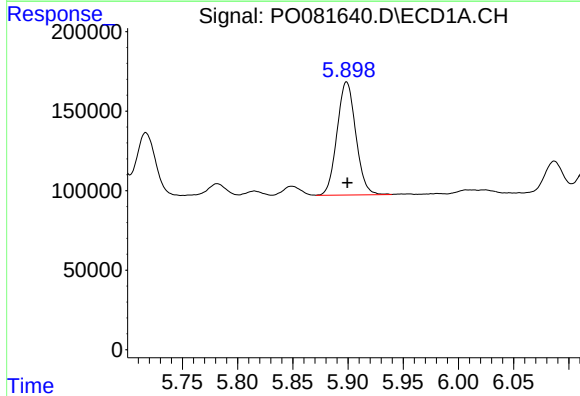
R.T.: 5.308 min  
Delta R.T.: 0.000 min  
Response: 662751  
Conc: 340.04 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



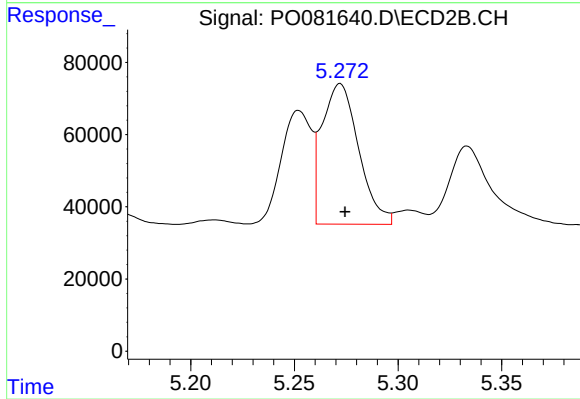
#11 AR-1232-1

R.T.: 4.434 min  
Delta R.T.: -0.003 min  
Response: 196184  
Conc: 327.20 ng/ml



#12 AR-1232-2

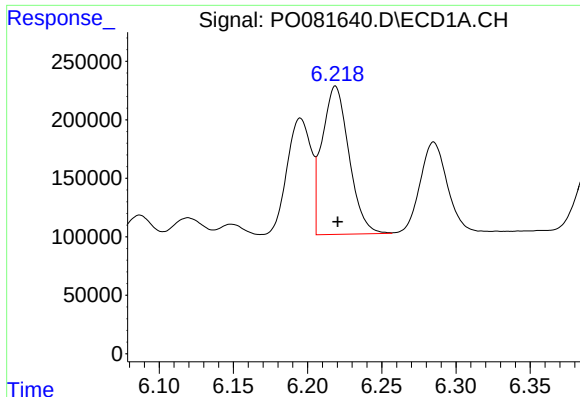
R.T.: 5.899 min  
Delta R.T.: 0.000 min  
Response: 842406  
Conc: 791.91 ng/ml



#12 AR-1232-2

R.T.: 5.272 min  
Delta R.T.: -0.002 min  
Response: 478718  
Conc: 756.51 ng/ml

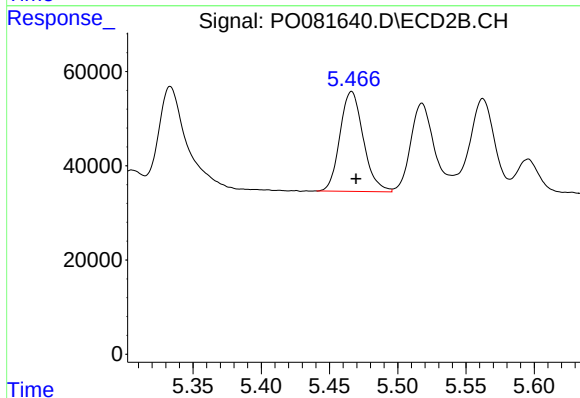




#13 AR-1232-3

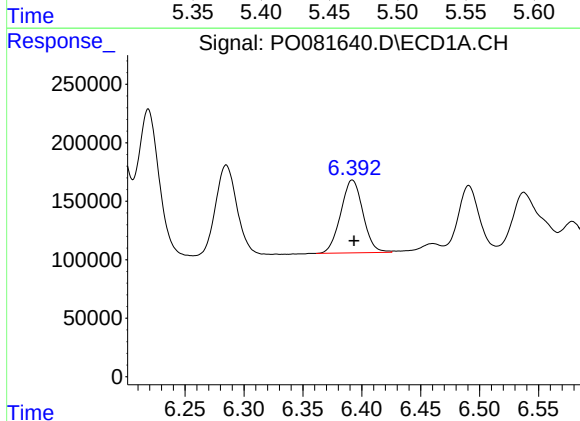
R.T.: 6.219 min  
Delta R.T.: -0.001 min  
Response: 1596928  
Conc: 792.19 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



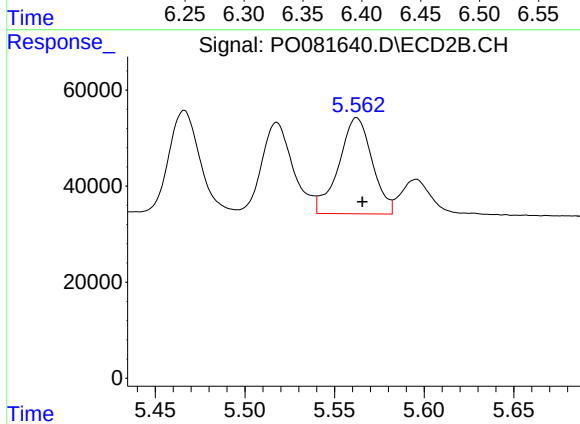
#13 AR-1232-3

R.T.: 5.466 min  
Delta R.T.: -0.003 min  
Response: 252502  
Conc: 795.21 ng/ml



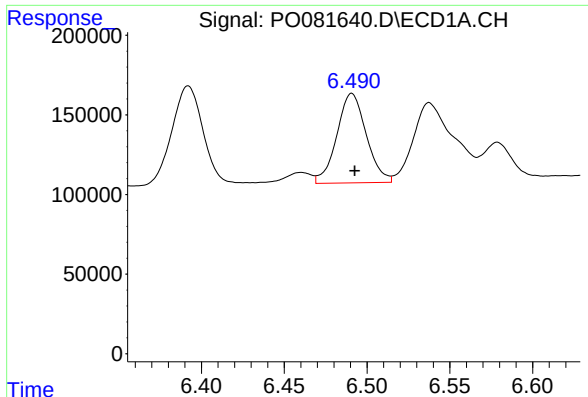
#14 AR-1232-4

R.T.: 6.392 min  
Delta R.T.: -0.002 min  
Response: 818322  
Conc: 800.82 ng/ml



#14 AR-1232-4

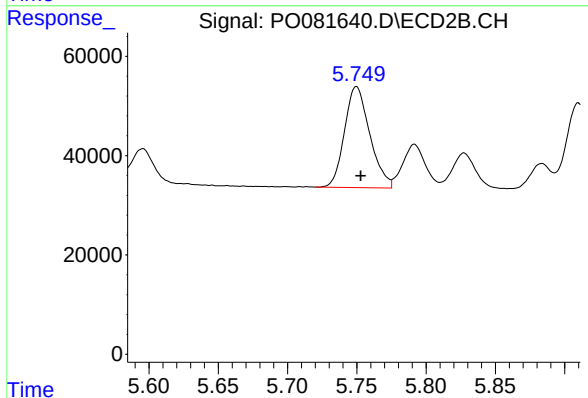
R.T.: 5.562 min  
Delta R.T.: -0.003 min  
Response: 260316  
Conc: 866.28 ng/ml



#15 AR-1232-5

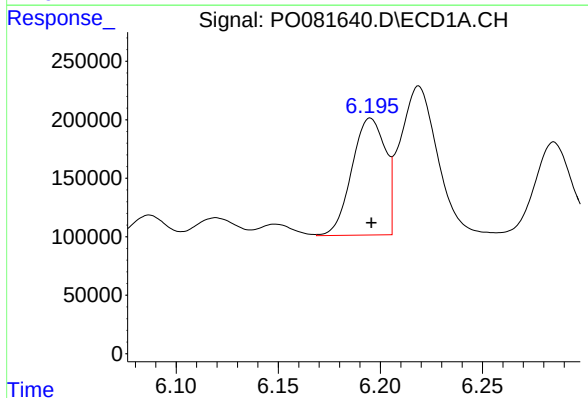
R.T.: 6.491 min  
Delta R.T.: -0.002 min  
Response: 695767  
Conc: 943.63 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



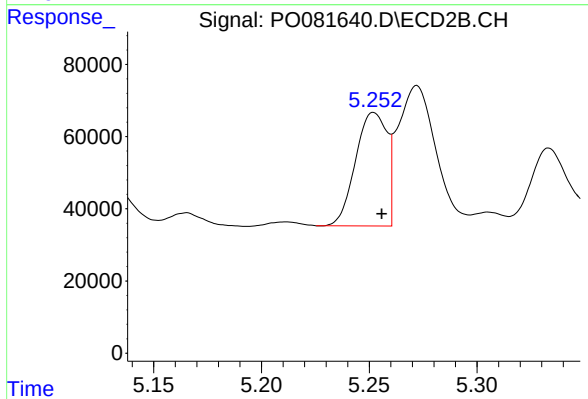
#15 AR-1232-5

R.T.: 5.750 min  
Delta R.T.: -0.003 min  
Response: 258309  
Conc: 812.59 ng/ml



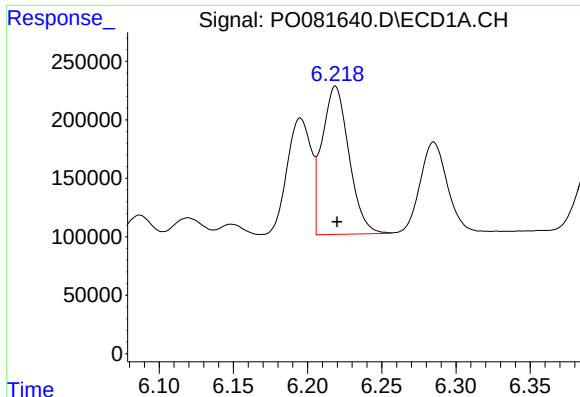
#16 AR-1242-1

R.T.: 6.195 min  
Delta R.T.: 0.000 min  
Response: 1138026  
Conc: 445.63 ng/ml



#16 AR-1242-1

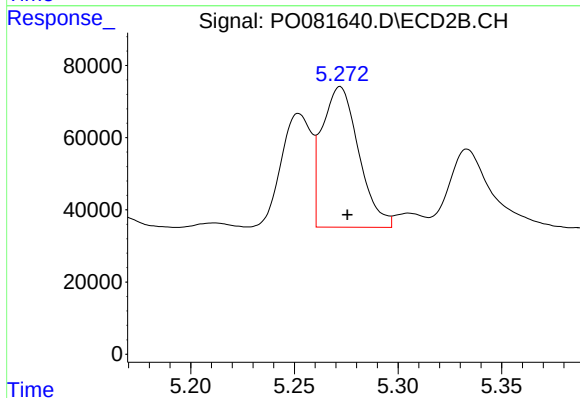
R.T.: 5.252 min  
Delta R.T.: -0.004 min  
Response: 319123  
Conc: 435.01 ng/ml



#17 AR-1242-2

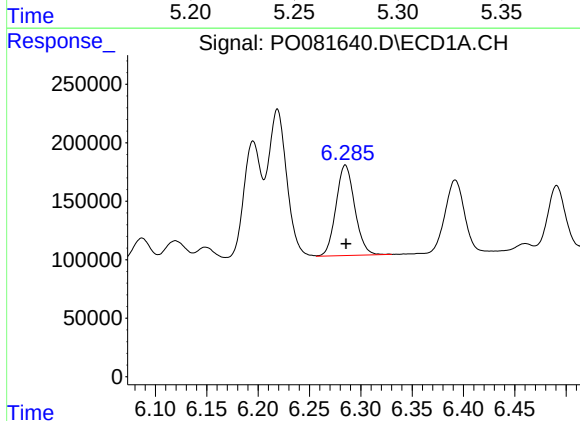
R.T.: 6.219 min  
Delta R.T.: -0.001 min  
Response: 1596928  
Conc: 444.71 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



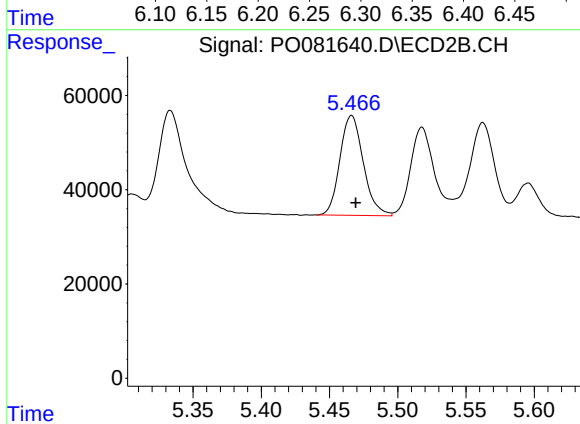
#17 AR-1242-2

R.T.: 5.272 min  
Delta R.T.: -0.003 min  
Response: 478718  
Conc: 434.79 ng/ml



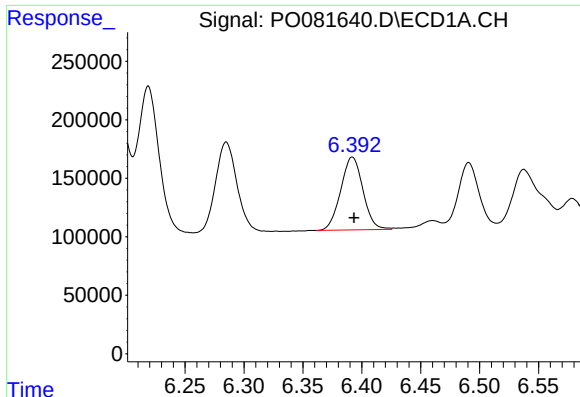
#18 AR-1242-3

R.T.: 6.285 min  
Delta R.T.: 0.000 min  
Response: 984334  
Conc: 431.35 ng/ml



#18 AR-1242-3

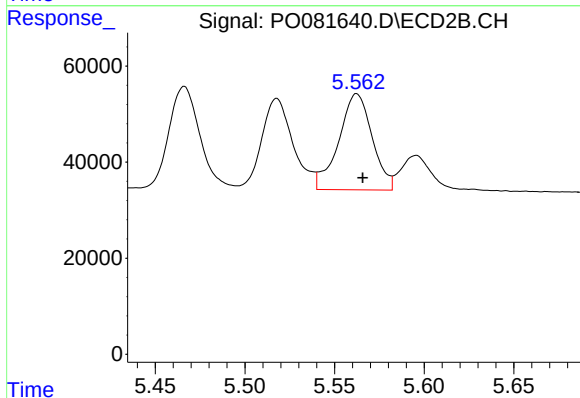
R.T.: 5.466 min  
Delta R.T.: -0.003 min  
Response: 252502  
Conc: 450.41 ng/ml



#19 AR-1242-4

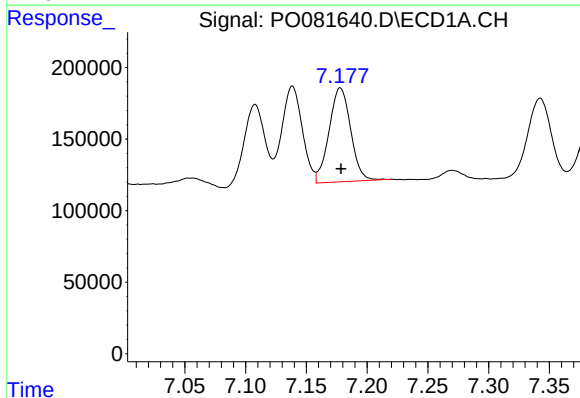
R.T.: 6.392 min  
Delta R.T.: -0.001 min  
Response: 818322  
Conc: 450.61 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



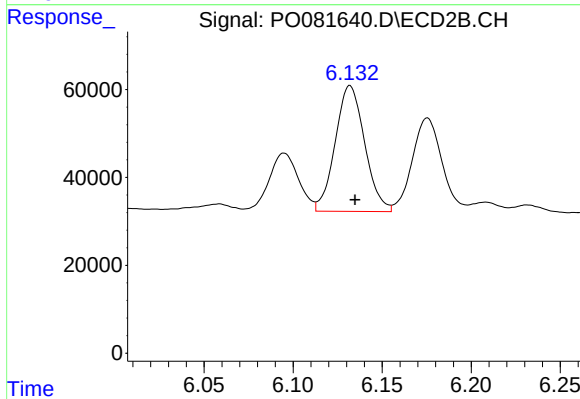
#19 AR-1242-4

R.T.: 5.562 min  
Delta R.T.: -0.003 min  
Response: 260316  
Conc: 453.35 ng/ml



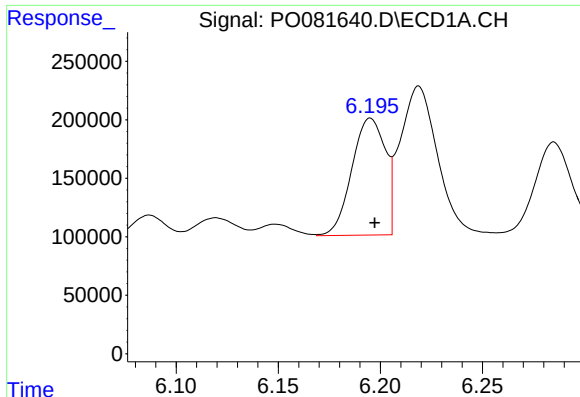
#20 AR-1242-5

R.T.: 7.178 min  
Delta R.T.: 0.000 min  
Response: 818186  
Conc: 414.90 ng/ml



#20 AR-1242-5

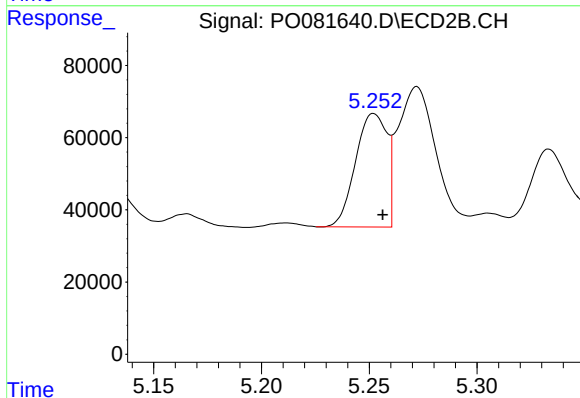
R.T.: 6.132 min  
Delta R.T.: -0.003 min  
Response: 329707  
Conc: 441.21 ng/ml



#21 AR-1248-1

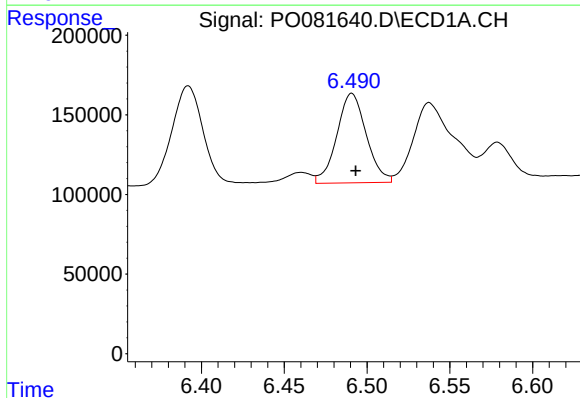
R.T.: 6.195 min  
Delta R.T.: -0.002 min  
Response: 1138026  
Conc: 565.37 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



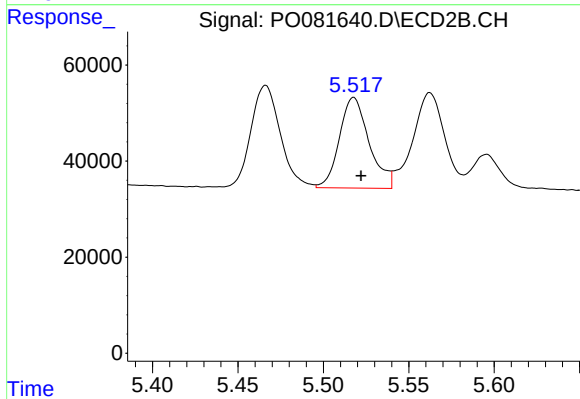
#21 AR-1248-1

R.T.: 5.252 min  
Delta R.T.: -0.004 min  
Response: 319123  
Conc: 533.23 ng/ml



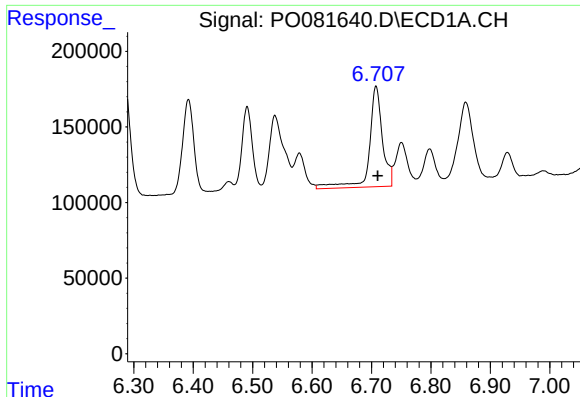
#22 AR-1248-2

R.T.: 6.491 min  
Delta R.T.: -0.002 min  
Response: 695767  
Conc: 263.80 ng/ml



#22 AR-1248-2

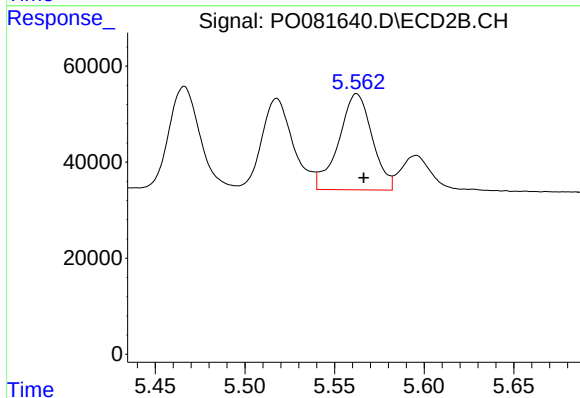
R.T.: 5.518 min  
Delta R.T.: -0.004 min  
Response: 229190  
Conc: 258.28 ng/ml



#23 AR-1248-3

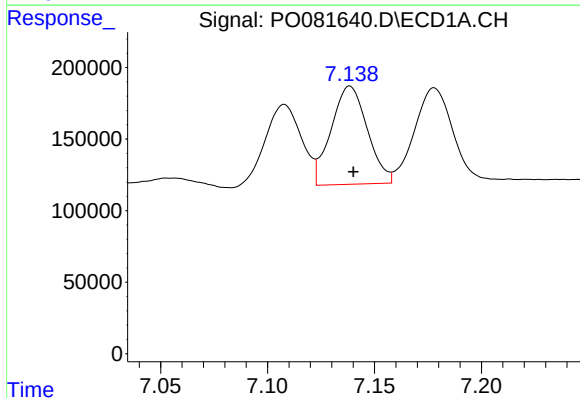
R.T.: 6.708 min  
Delta R.T.: -0.003 min  
Response: 1024191  
Conc: 327.23 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



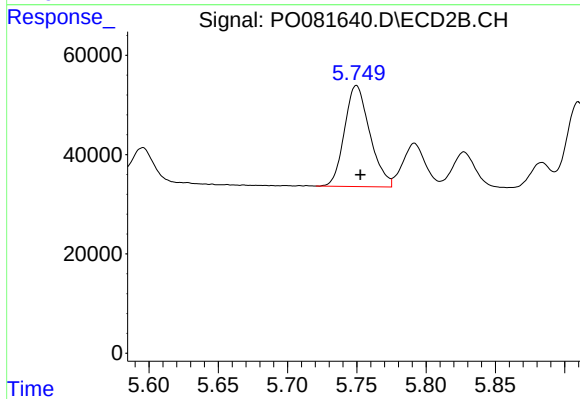
#23 AR-1248-3

R.T.: 5.562 min  
Delta R.T.: -0.004 min  
Response: 260316  
Conc: 297.75 ng/ml



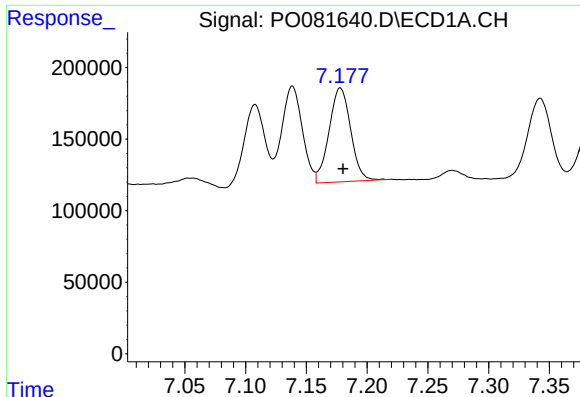
#24 AR-1248-4

R.T.: 7.139 min  
Delta R.T.: -0.002 min  
Response: 811921  
Conc: 235.74 ng/ml



#24 AR-1248-4

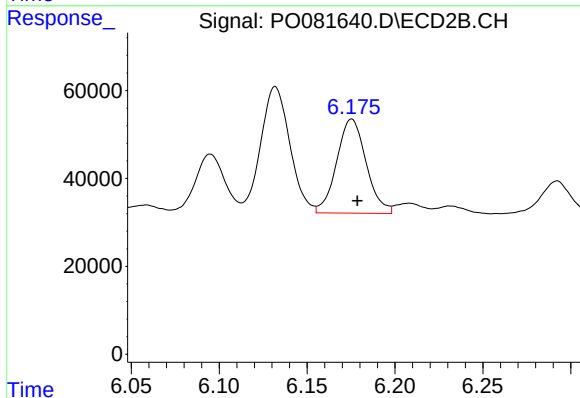
R.T.: 5.750 min  
Delta R.T.: -0.003 min  
Response: 258309  
Conc: 254.23 ng/ml



#25 AR-1248-5

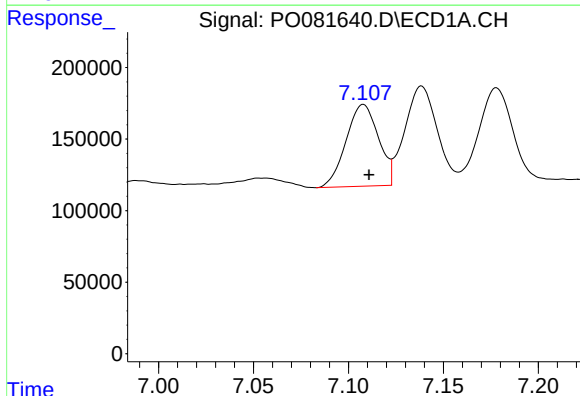
R.T.: 7.178 min  
Delta R.T.: -0.002 min  
Response: 818186  
Conc: 242.01 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



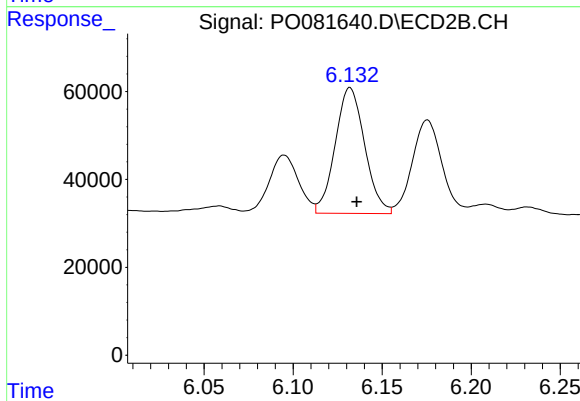
#25 AR-1248-5

R.T.: 6.175 min  
Delta R.T.: -0.003 min  
Response: 249866  
Conc: 258.90 ng/ml



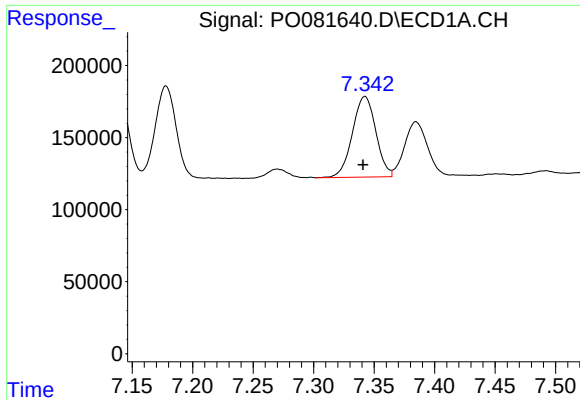
#26 AR-1254-1

R.T.: 7.108 min  
Delta R.T.: -0.003 min  
Response: 679544  
Conc: 189.53 ng/ml



#26 AR-1254-1

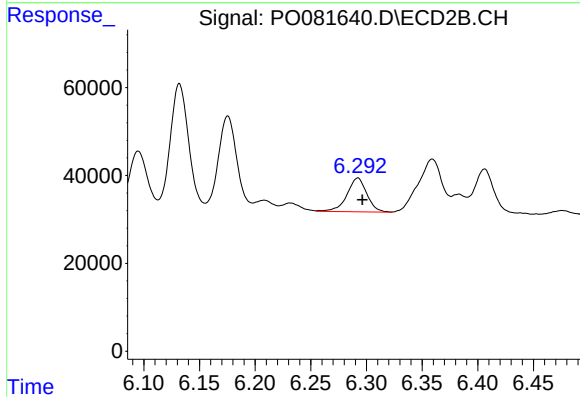
R.T.: 6.132 min  
Delta R.T.: -0.004 min  
Response: 329707  
Conc: 215.32 ng/ml



#27 AR-1254-2

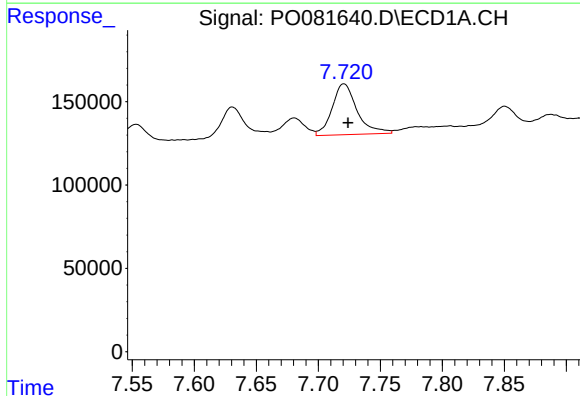
R.T.: 7.342 min  
Delta R.T.: 0.002 min  
Response: 755641  
Conc: 137.04 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



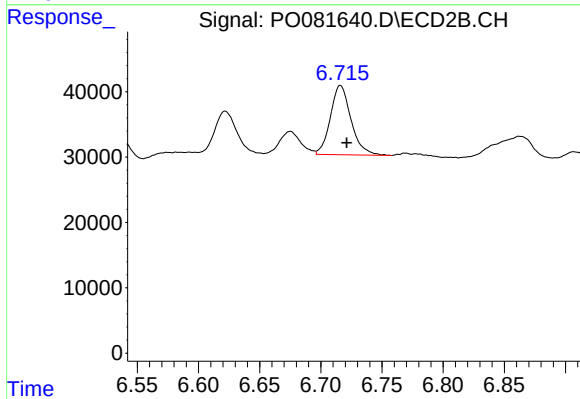
#27 AR-1254-2

R.T.: 6.292 min  
Delta R.T.: -0.004 min  
Response: 95952  
Conc: 70.52 ng/ml



#28 AR-1254-3

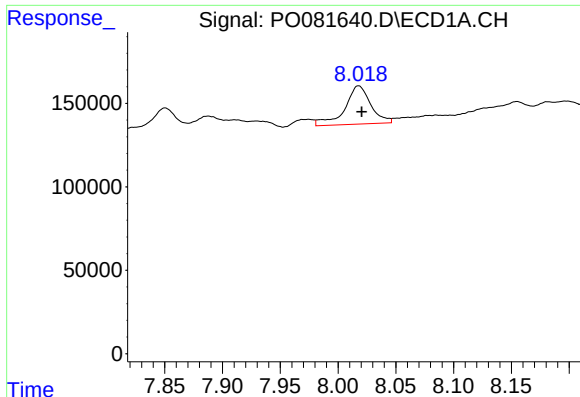
R.T.: 7.721 min  
Delta R.T.: -0.003 min  
Response: 427646  
Conc: 75.79 ng/ml



#28 AR-1254-3

R.T.: 6.716 min  
Delta R.T.: -0.005 min  
Response: 124469  
Conc: 62.57 ng/ml

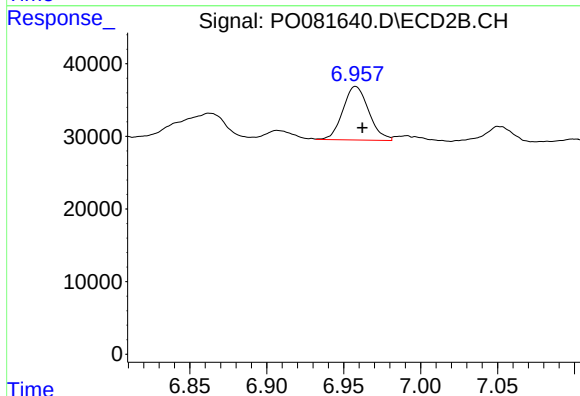




#29 AR-1254-4

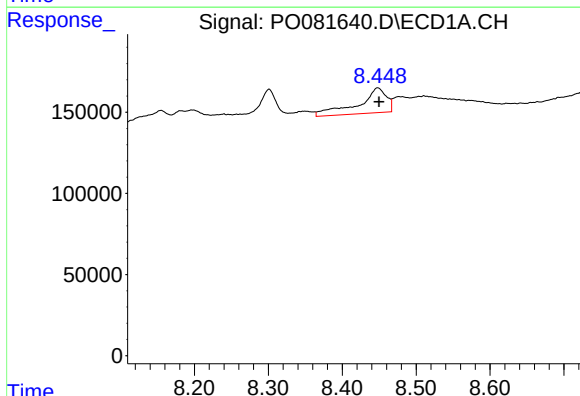
R.T.: 8.018 min  
Delta R.T.: -0.003 min  
Response: 357222  
Conc: 86.87 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



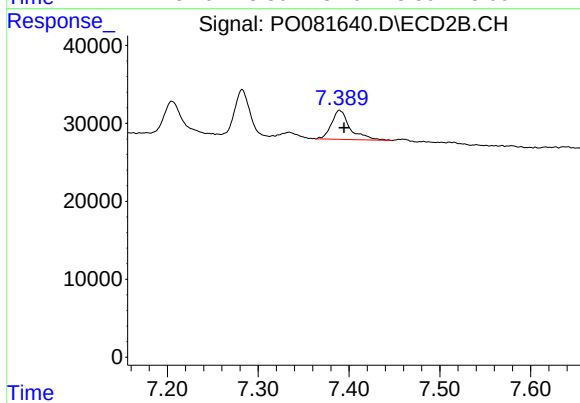
#29 AR-1254-4

R.T.: 6.958 min  
Delta R.T.: -0.004 min  
Response: 86100  
Conc: 68.96 ng/ml



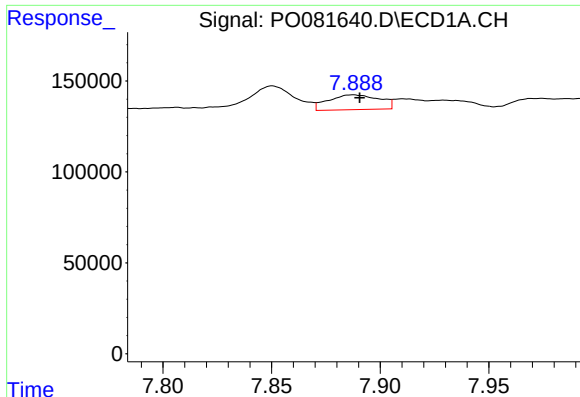
#30 AR-1254-5

R.T.: 8.448 min  
Delta R.T.: -0.002 min  
Response: 409301  
Conc: 88.80 ng/ml



#30 AR-1254-5

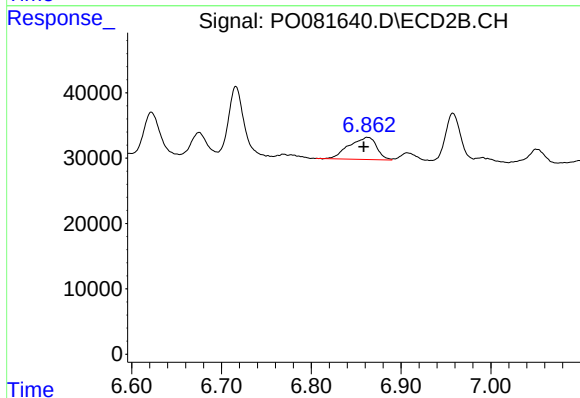
R.T.: 7.390 min  
Delta R.T.: -0.005 min  
Response: 53535  
Conc: 28.64 ng/ml



#31 AR-1260-1

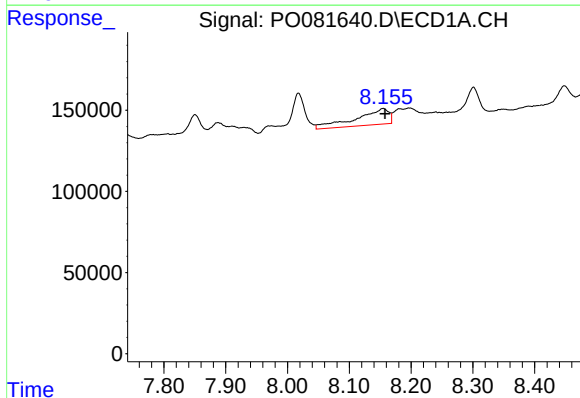
R.T.: 7.888 min  
Delta R.T.: -0.003 min  
Response: 133863  
Conc: 31.67 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



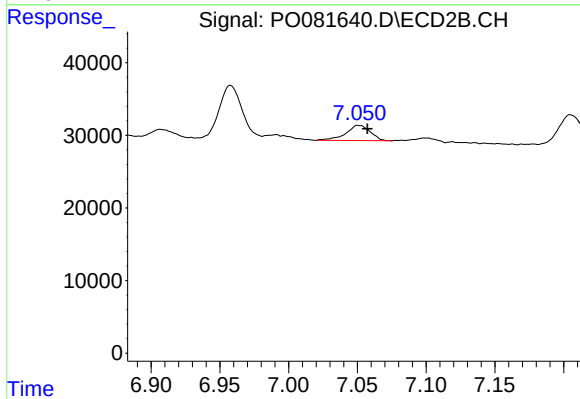
#31 AR-1260-1

R.T.: 6.863 min  
Delta R.T.: 0.004 min  
Response: 72647  
Conc: 52.04 ng/ml



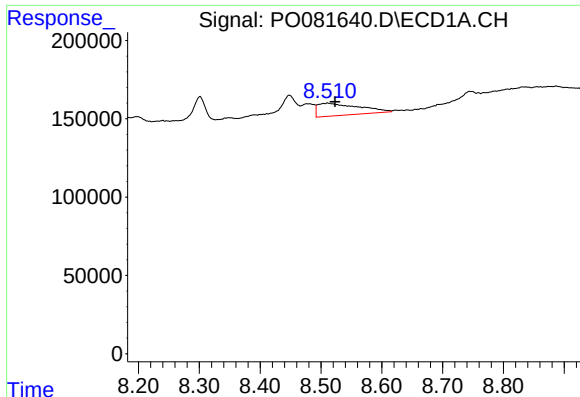
#32 AR-1260-2

R.T.: 8.155 min  
Delta R.T.: -0.003 min  
Response: 364133  
Conc: 70.15 ng/ml



#32 AR-1260-2

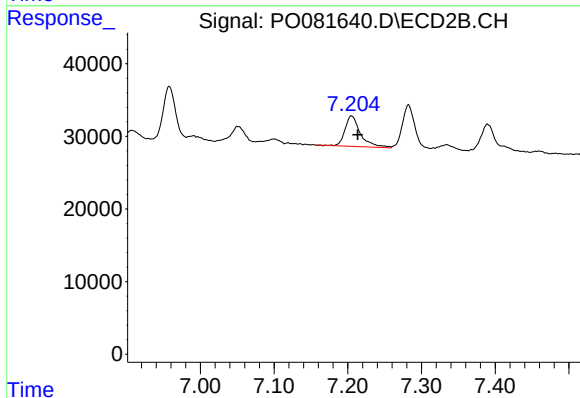
R.T.: 7.051 min  
Delta R.T.: -0.006 min  
Response: 26124  
Conc: 15.98 ng/ml



#33 AR-1260-3

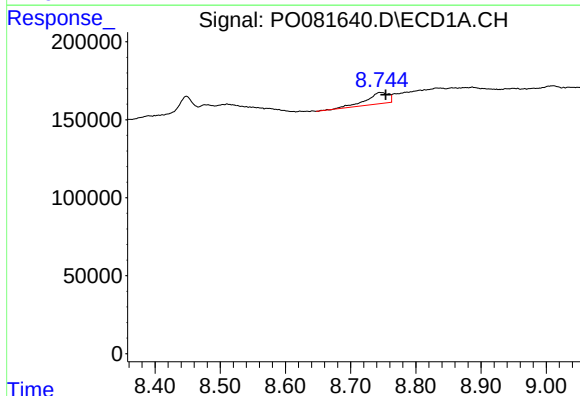
R.T.: 8.511 min  
Delta R.T.: -0.013 min  
Response: 372248  
Conc: 114.88 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



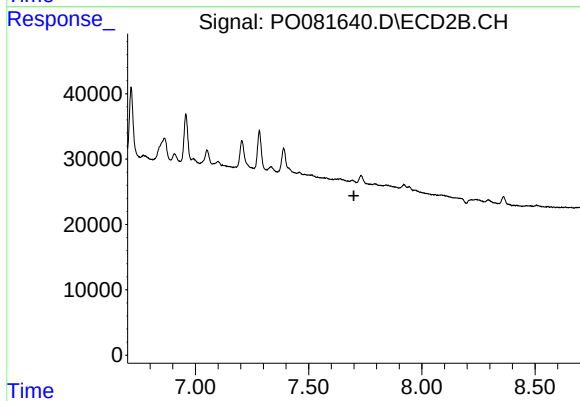
#33 AR-1260-3

R.T.: 7.205 min  
Delta R.T.: -0.009 min  
Response: 61564  
Conc: 37.02 ng/ml



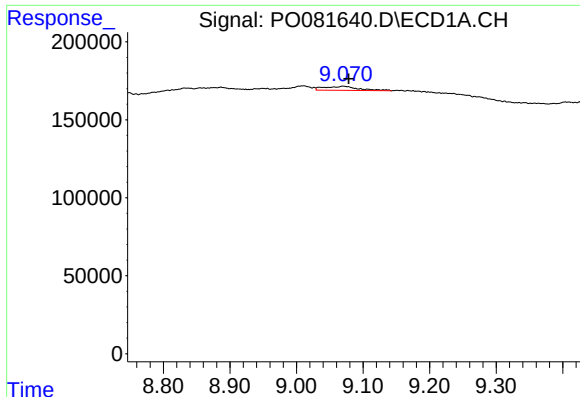
#34 AR-1260-4

R.T.: 8.745 min  
Delta R.T.: -0.010 min  
Response: 174751  
Conc: 43.84 ng/ml



#34 AR-1260-4

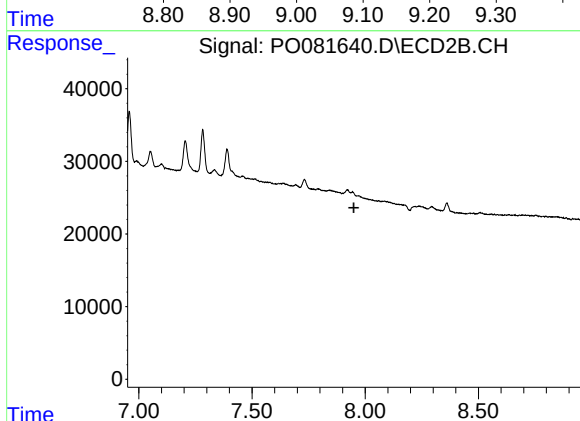
R.T.: 0.000 min  
Exp R.T. : 7.700 min  
Response: 0  
Conc: N.D.



#35 AR-1260-5

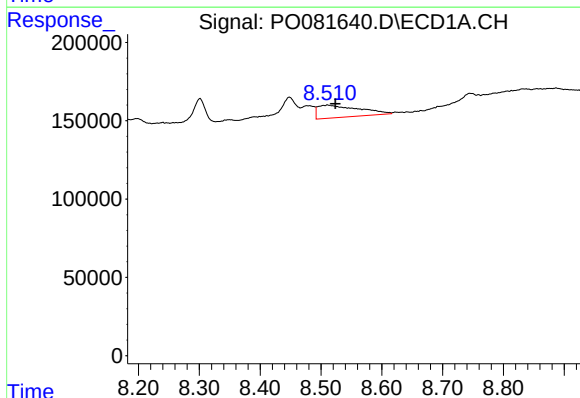
R.T.: 9.070 min  
Delta R.T.: -0.008 min  
Response: 95148  
Conc: 12.84 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



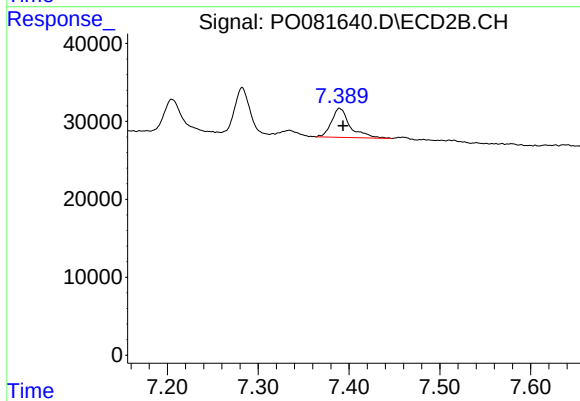
#35 AR-1260-5

R.T.: 0.000 min  
Exp R.T. : 7.950 min  
Response: 0  
Conc: N.D.



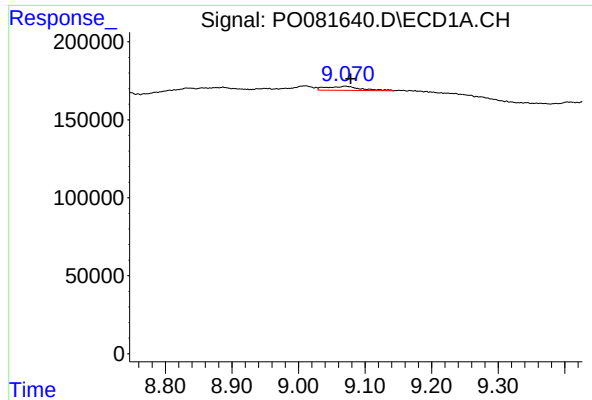
#36 AR-1262-1

R.T.: 8.511 min  
Delta R.T.: -0.013 min  
Response: 372248  
Conc: 71.82 ng/ml



#36 AR-1262-1

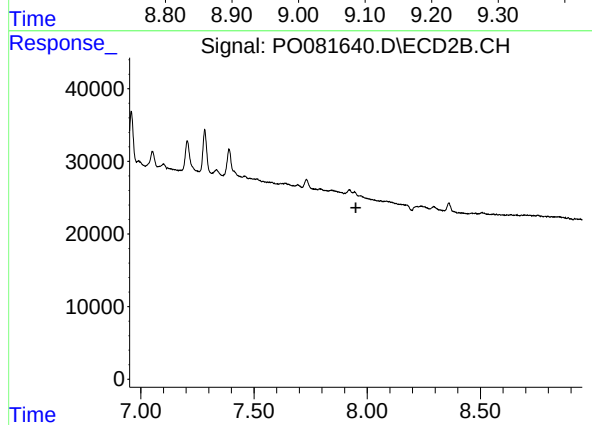
R.T.: 7.390 min  
Delta R.T.: -0.004 min  
Response: 53535  
Conc: 53.78 ng/ml



#37 AR-1262-2

R.T.: 9.070 min  
Delta R.T.: -0.008 min  
Response: 95148  
Conc: 10.67 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



#37 AR-1262-2

R.T.: 0.000 min  
Exp R.T. : 7.950 min  
Response: 0  
Conc: N.D.