

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO122021\  
 Data File : PO083887.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 20 Dec 2021 20:55  
 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 21 00:53:01 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  | 3.941 | 5032551 | 1532404 | 52.825   | 52.241   |
| 2)                          | SA Decachlor... | 11.005 | 9.236 | 3762598 | 1543455 | 54.933   | 54.968   |
| Target Compounds            |                 |        |       |         |         |          |          |
| 3)                          | L1 AR-1016-1    | 6.266  | 5.195 | 1245536 | 475988  | 391.366  | 386.844  |
| 4)                          | L1 AR-1016-2    | 6.290  | 5.214 | 1750938 | 658067  | 384.741  | 383.225  |
| 5)                          | L1 AR-1016-3    | 6.356  | 5.405 | 1072922 | 363264  | 394.445  | 399.107  |
| 6)                          | L1 AR-1016-4    | 6.464  | 5.458 | 876856  | 296483  | 394.868  | 401.363  |
| 7)                          | L1 AR-1016-5    | 6.781  | 5.686 | 874316  | 376716  | 411.733  | 415.481  |
| 8)                          | L2 AR-1221-1    | 5.184  | 4.197 | 147087  | 47040   | 145.865  | 136.024  |
| 9)                          | L2 AR-1221-2    | 5.288  | 4.296 | 192905  | 71205   | 269.974  | 271.273  |
| 10)                         | L2 AR-1221-3    | 5.376  | 4.385 | 694581  | 268202  | 302.398  | 314.476  |
| 11)                         | L3 AR-1232-1    | 5.376  | 4.385 | 694581  | 268202  | 356.754  | 360.589  |
| 12)                         | L3 AR-1232-2    | 5.968  | 5.214 | 950018  | 658067  | 932.971  | 918.478  |
| 13)                         | L3 AR-1232-3    | 6.290  | 5.405 | 1750938 | 363264  | 958.718  | 981.260  |
| 14)                         | L3 AR-1232-4    | 6.464  | 5.503 | 876856  | 353913  | 976.686  | 1089.310 |
| 15)                         | L3 AR-1232-5    | 6.563  | 5.686 | 682460  | 376716  | 1130.001 | 1078.039 |
| 16)                         | L4 AR-1242-1    | 6.266  | 5.195 | 1245536 | 475988  | 522.870  | 503.587  |
| 17)                         | L4 AR-1242-2    | 6.290  | 5.214 | 1750938 | 658067  | 514.177  | 502.194  |
| 18)                         | L4 AR-1242-3    | 6.356  | 5.405 | 1072922 | 363264  | 524.242  | 517.192  |
| 19)                         | L4 AR-1242-4    | 6.464  | 5.503 | 876856  | 353913  | 524.985  | 538.864  |
| 20)                         | L4 AR-1242-5    | 7.253  | 6.066 | 873163  | 472115  | 503.802  | 537.464  |
| 21)                         | L5 AR-1248-1    | 6.266  | 5.195 | 1245536 | 475988  | 713.580  | 683.803  |
| 22)                         | L5 AR-1248-2    | 6.563  | 5.458 | 682460  | 296483  | 295.480  | 297.133  |
| 23)                         | L5 AR-1248-3    | 6.781  | 5.503 | 874316  | 353913  | 323.942  | 352.981  |
| 24)                         | L5 AR-1248-4    | 7.213  | 5.686 | 855596  | 376716  | 290.578  | 324.888  |
| 25)                         | L5 AR-1248-5    | 7.253  | 6.109 | 873163  | 389139  | 307.523  | 333.188  |
| 26)                         | L6 AR-1254-1    | 7.181  | 6.066 | 674625  | 472115  | 219.022  | 257.287  |
| 27)                         | L6 AR-1254-2    | 7.418  | 6.227 | 760020  | 119598  | 163.774  | 75.302 # |
| 28)                         | L6 AR-1254-3    | 7.797  | 6.646 | 313900  | 161679  | 67.319   | 67.499   |
| 29)                         | L6 AR-1254-4    | 8.096  | 6.887 | 229349  | 122413  | 67.094   | 72.856   |
| 30)                         | L6 AR-1254-5    | 8.526  | 7.316 | 89025   | 44208   | 24.972   | 20.820   |
| 31)                         | L7 AR-1260-1    | 7.966  | 6.792 | 17273   | 88535   | 5.331    | 52.822 # |
| 32)                         | L7 AR-1260-2    | 8.231  | 6.982 | 71904   | 21522   | 18.564   | 10.423 # |
| 33)                         | L7 AR-1260-3    | 8.599  | 7.133 | 16388   | 29413   | 5.532    | 16.615 # |
| 34)                         | L7 AR-1260-4    | 8.824  | 0.000 | 9285    | 0       | 2.714    | N.D. #   |
| 35)                         | L7 AR-1260-5    | 9.168  | 0.000 | 23562   | 0       | 3.497    | N.D. #   |
| 36)                         | L8 AR-1262-1    | 8.599  | 7.316 | 16388   | 44208   | 4.063    | 40.176 # |
| 37)                         | L8 AR-1262-2    | 9.168  | 0.000 | 23562   | 0       | 3.368    | N.D. #   |
| -----                       |                 |        |       |         |         |          |          |

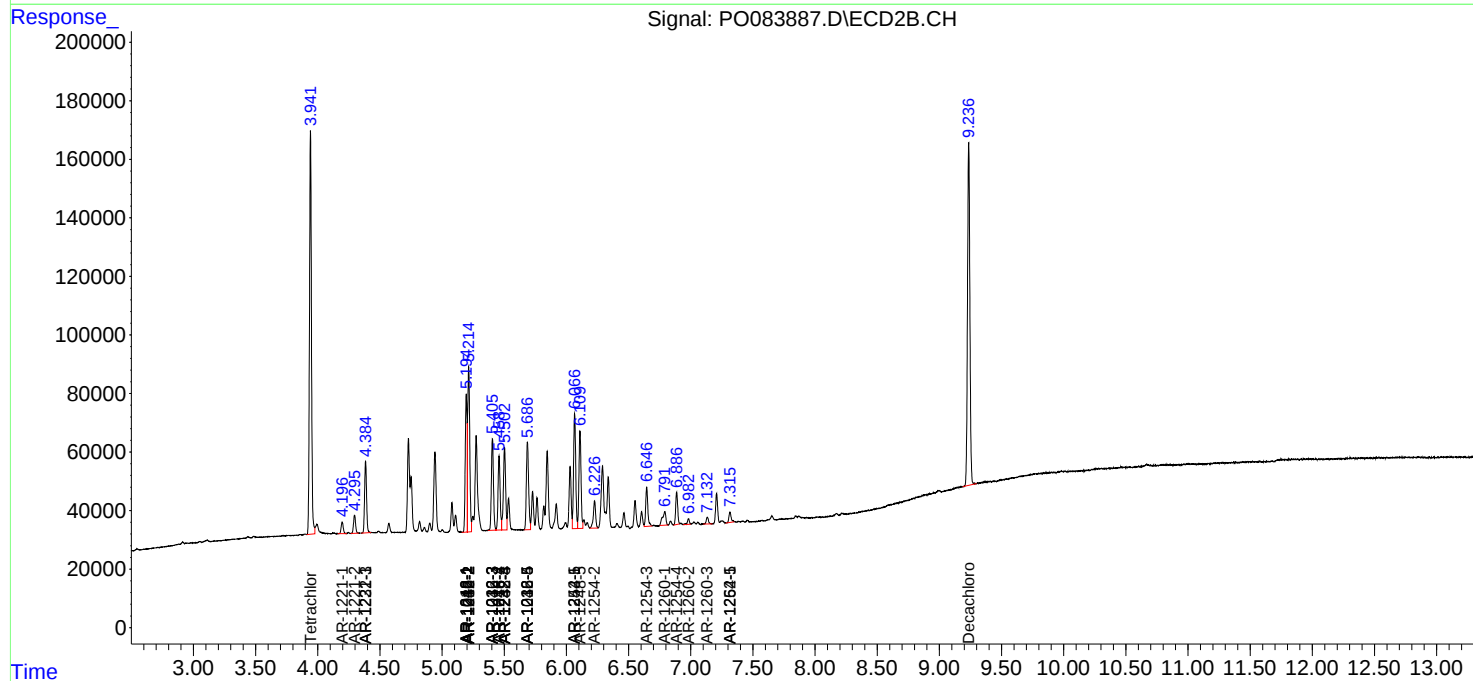
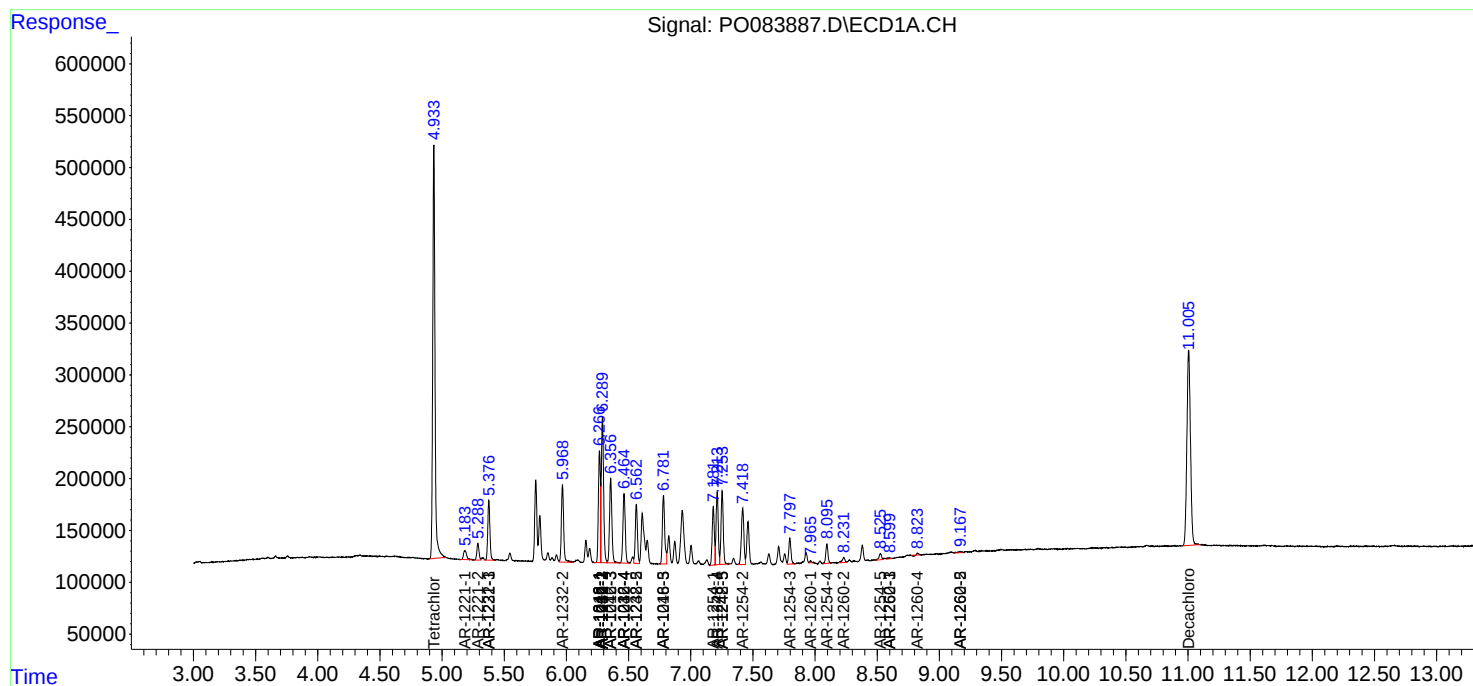
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

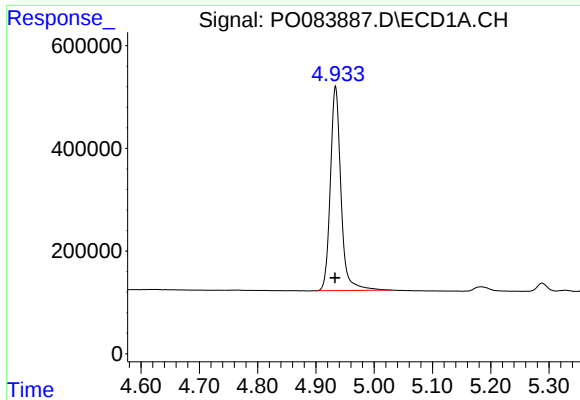
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO122021\  
Data File : PO083887.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 20 Dec 2021 20:55  
Operator : AJ\MA  
Sample : AR1242CCC500  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 21 00:53:01 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

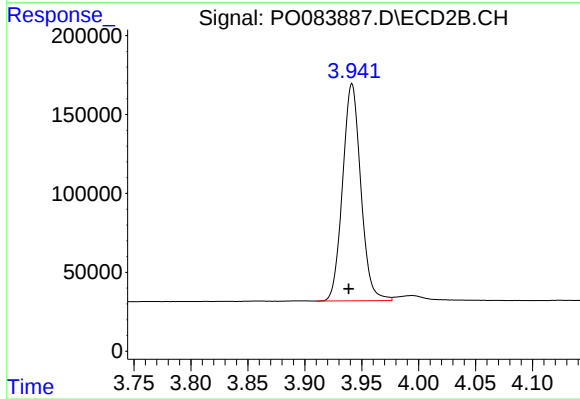




#1 Tetrachloro-m-xylene

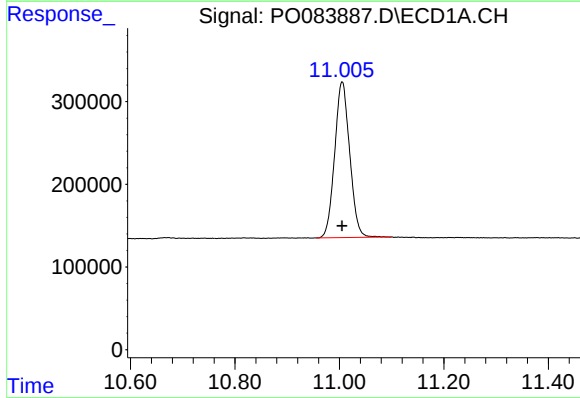
R.T.: 4.934 min  
Delta R.T.: 0.000 min  
Response: 5032551  
Conc: 52.82 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



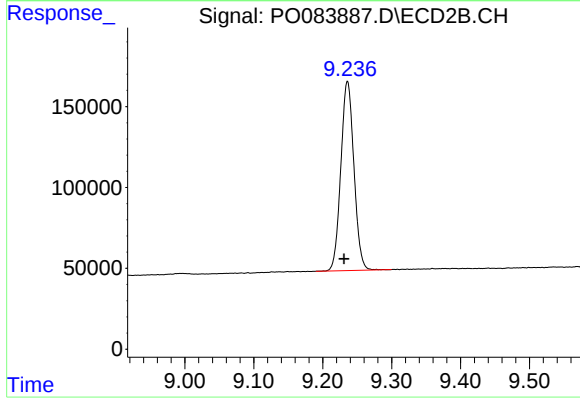
#1 Tetrachloro-m-xylene

R.T.: 3.941 min  
Delta R.T.: 0.003 min  
Response: 1532404  
Conc: 52.24 ng/ml



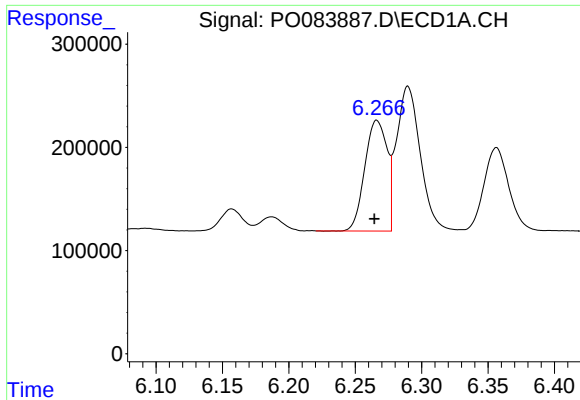
#2 Decachlorobiphenyl

R.T.: 11.005 min  
Delta R.T.: 0.000 min  
Response: 3762598  
Conc: 54.93 ng/ml



#2 Decachlorobiphenyl

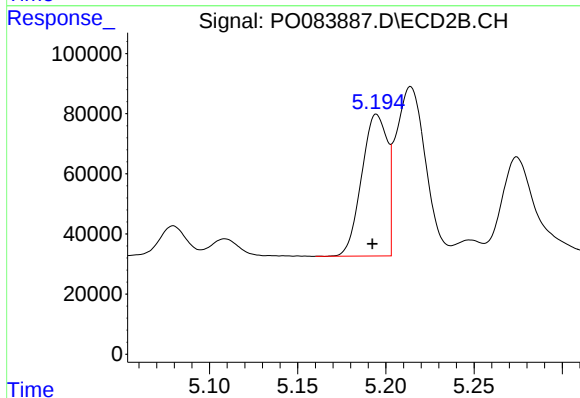
R.T.: 9.236 min  
Delta R.T.: 0.005 min  
Response: 1543455  
Conc: 54.97 ng/ml



#3 AR-1016-1

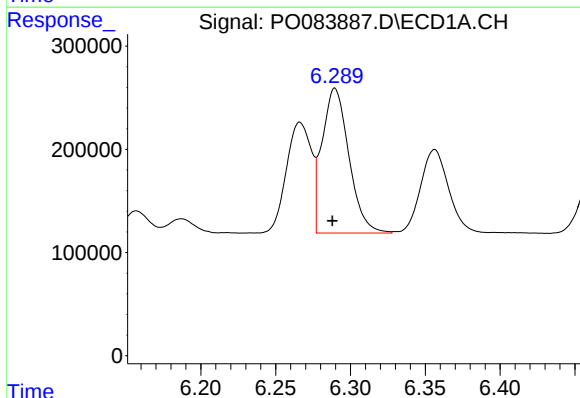
R.T.: 6.266 min  
Delta R.T.: 0.002 min  
Response: 1245536  
Conc: 391.37 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



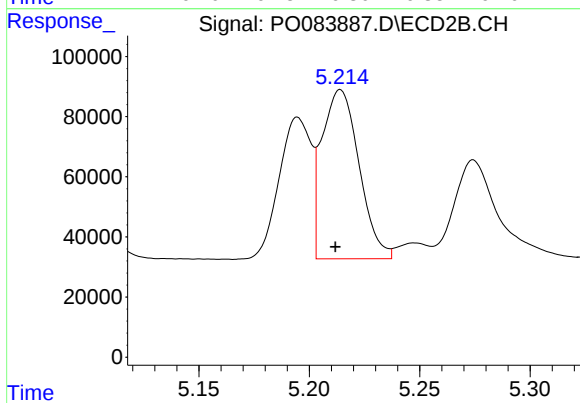
#3 AR-1016-1

R.T.: 5.195 min  
Delta R.T.: 0.002 min  
Response: 475988  
Conc: 386.84 ng/ml



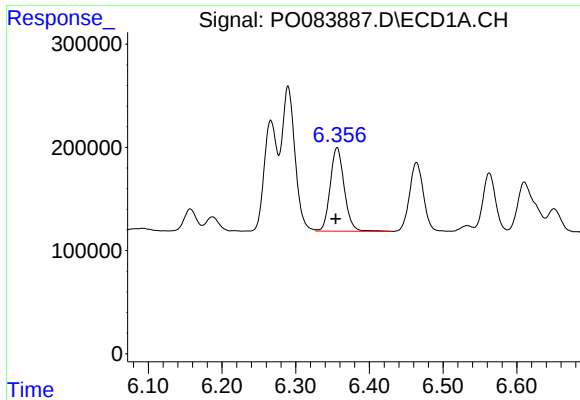
#4 AR-1016-2

R.T.: 6.290 min  
Delta R.T.: 0.002 min  
Response: 1750938  
Conc: 384.74 ng/ml



#4 AR-1016-2

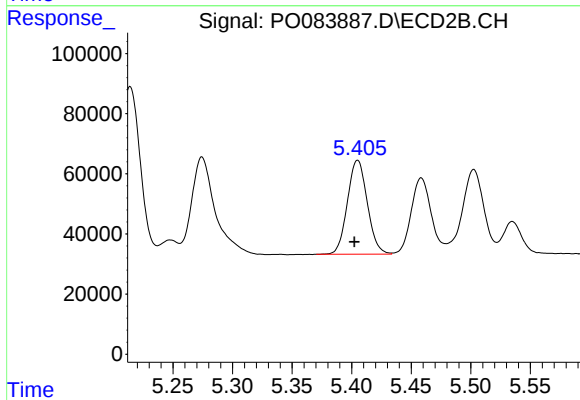
R.T.: 5.214 min  
Delta R.T.: 0.002 min  
Response: 658067  
Conc: 383.22 ng/ml



#5 AR-1016-3

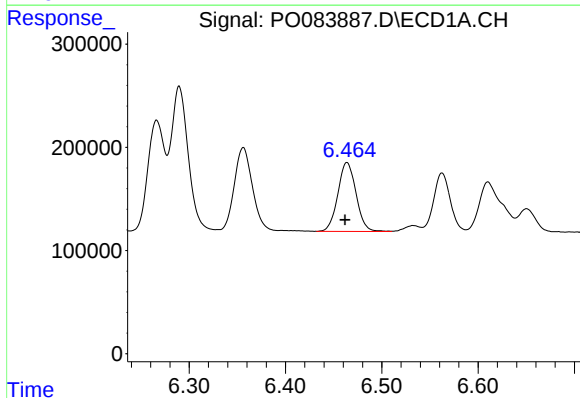
R.T.: 6.356 min  
Delta R.T.: 0.002 min  
Response: 1072922  
Conc: 394.45 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



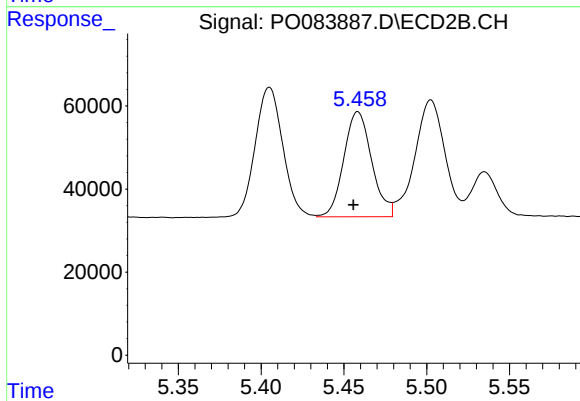
#5 AR-1016-3

R.T.: 5.405 min  
Delta R.T.: 0.003 min  
Response: 363264  
Conc: 399.11 ng/ml



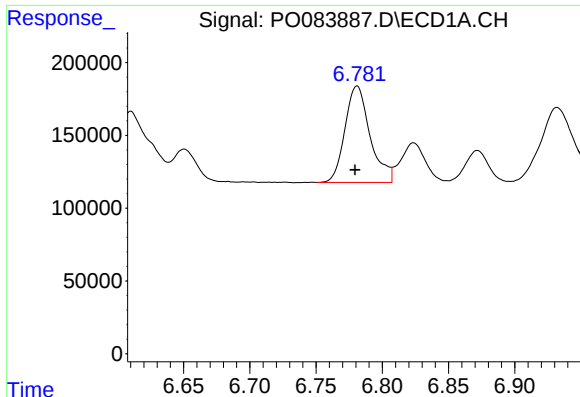
#6 AR-1016-4

R.T.: 6.464 min  
Delta R.T.: 0.002 min  
Response: 876856  
Conc: 394.87 ng/ml



#6 AR-1016-4

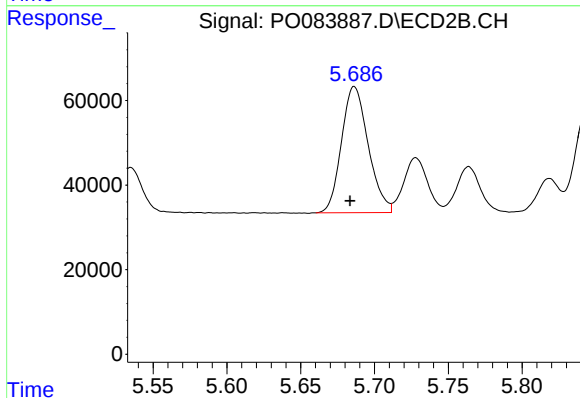
R.T.: 5.458 min  
Delta R.T.: 0.003 min  
Response: 296483  
Conc: 401.36 ng/ml



#7 AR-1016-5

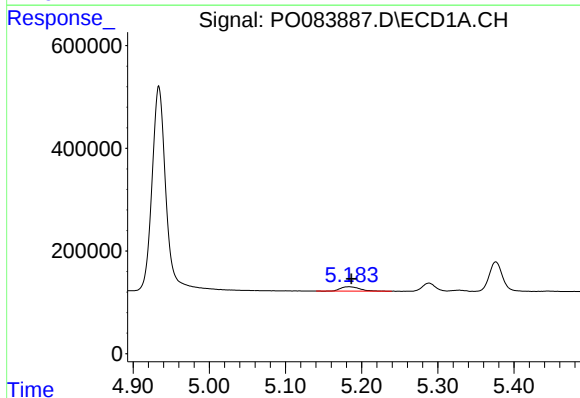
R.T.: 6.781 min  
Delta R.T.: 0.001 min  
Response: 874316  
Conc: 411.73 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



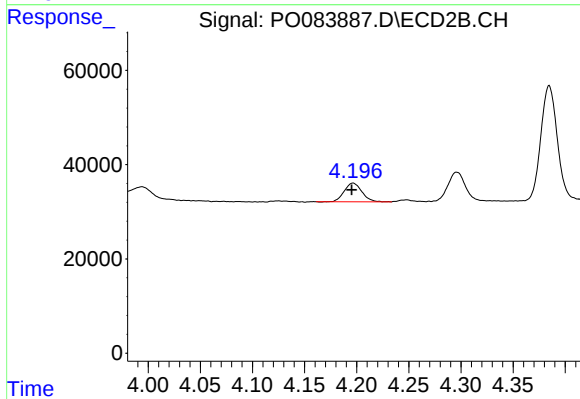
#7 AR-1016-5

R.T.: 5.686 min  
Delta R.T.: 0.003 min  
Response: 376716  
Conc: 415.48 ng/ml



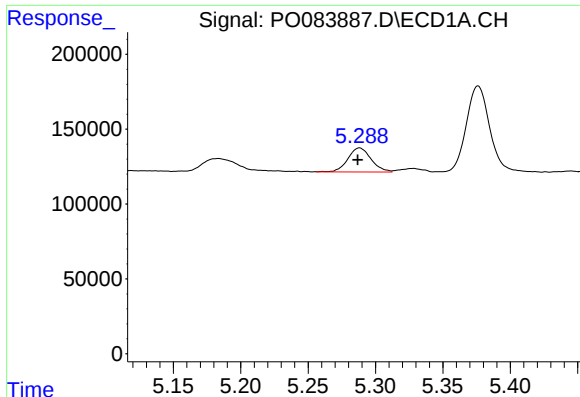
#8 AR-1221-1

R.T.: 5.184 min  
Delta R.T.: -0.003 min  
Response: 147087  
Conc: 145.86 ng/ml



#8 AR-1221-1

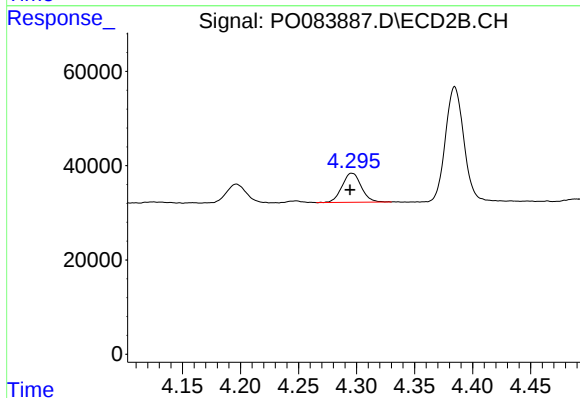
R.T.: 4.197 min  
Delta R.T.: 0.001 min  
Response: 47040  
Conc: 136.02 ng/ml



#9 AR-1221-2

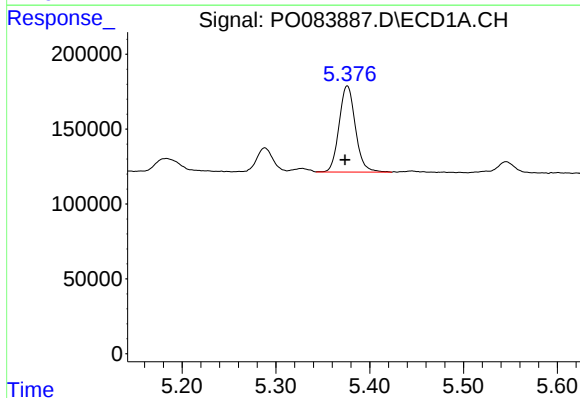
R.T.: 5.288 min  
Delta R.T.: 0.001 min  
Response: 192905  
Conc: 269.97 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



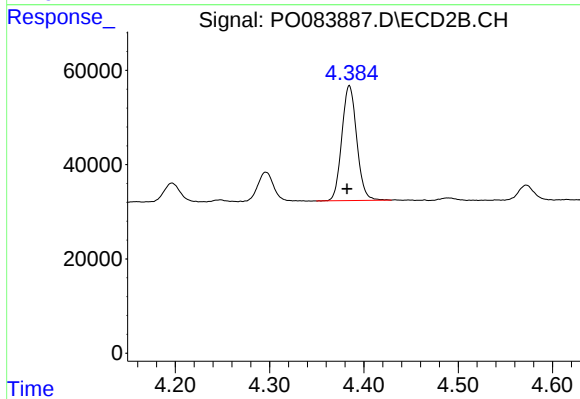
#9 AR-1221-2

R.T.: 4.296 min  
Delta R.T.: 0.002 min  
Response: 71205  
Conc: 271.27 ng/ml



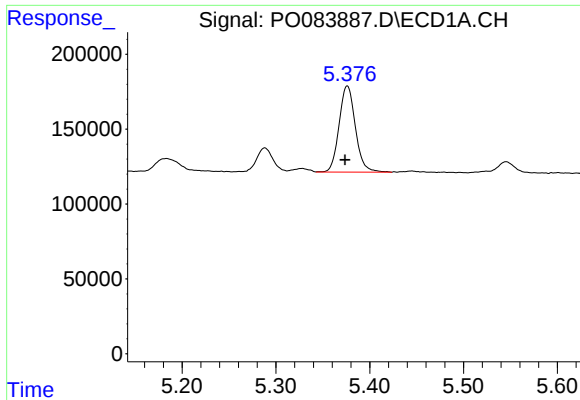
#10 AR-1221-3

R.T.: 5.376 min  
Delta R.T.: 0.002 min  
Response: 694581  
Conc: 302.40 ng/ml



#10 AR-1221-3

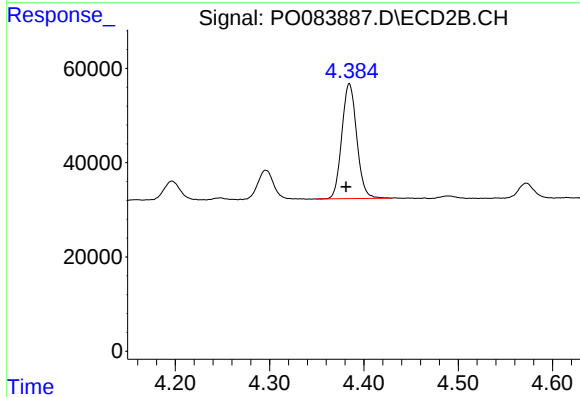
R.T.: 4.385 min  
Delta R.T.: 0.002 min  
Response: 268202  
Conc: 314.48 ng/ml



#11 AR-1232-1

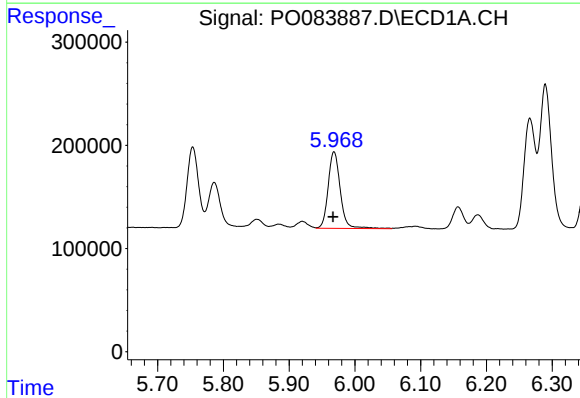
R.T.: 5.376 min  
Delta R.T.: 0.003 min  
Response: 694581  
Conc: 356.75 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



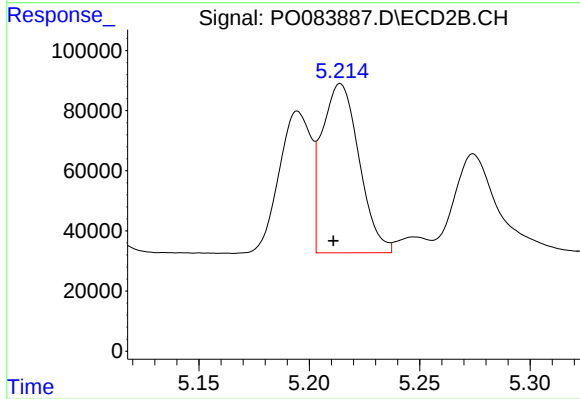
#11 AR-1232-1

R.T.: 4.385 min  
Delta R.T.: 0.003 min  
Response: 268202  
Conc: 360.59 ng/ml



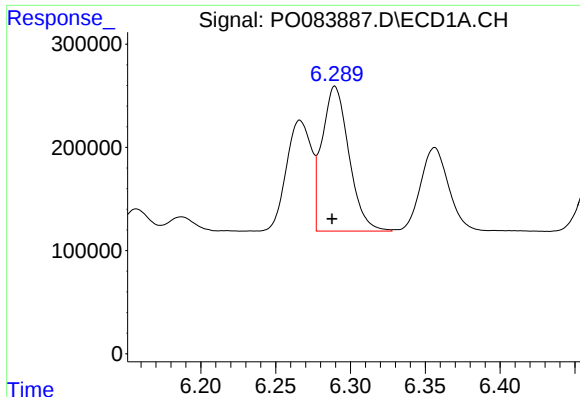
#12 AR-1232-2

R.T.: 5.968 min  
Delta R.T.: 0.002 min  
Response: 950018  
Conc: 932.97 ng/ml



#12 AR-1232-2

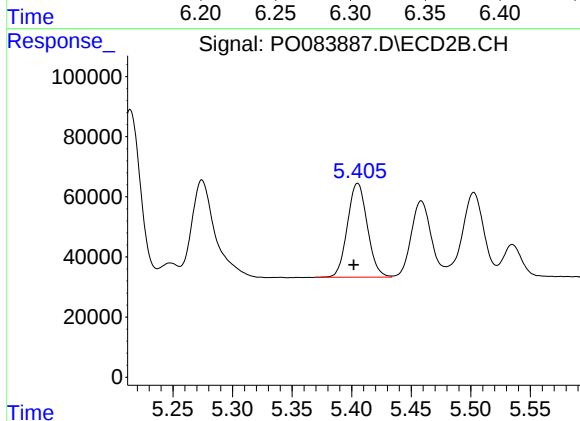
R.T.: 5.214 min  
Delta R.T.: 0.003 min  
Response: 658067  
Conc: 918.48 ng/ml



#13 AR-1232-3

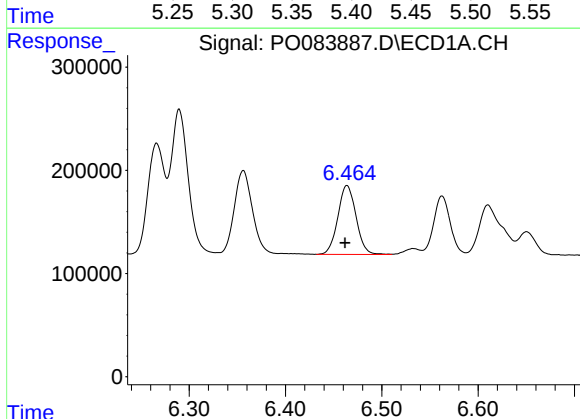
R.T.: 6.290 min  
Delta R.T.: 0.002 min  
Response: 1750938  
Conc: 958.72 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



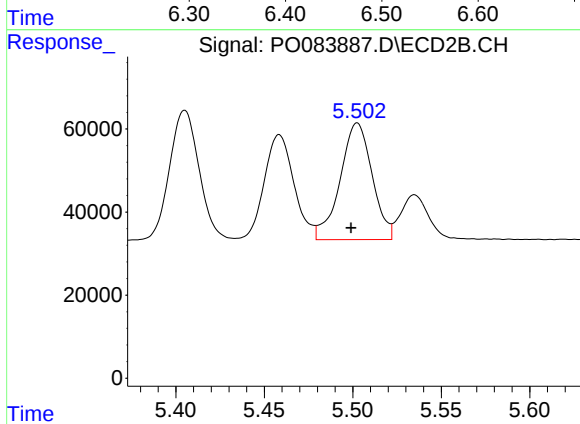
#13 AR-1232-3

R.T.: 5.405 min  
Delta R.T.: 0.003 min  
Response: 363264  
Conc: 981.26 ng/ml



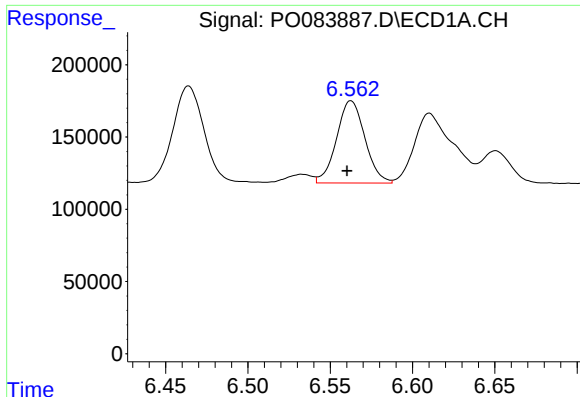
#14 AR-1232-4

R.T.: 6.464 min  
Delta R.T.: 0.002 min  
Response: 876856  
Conc: 976.69 ng/ml



#14 AR-1232-4

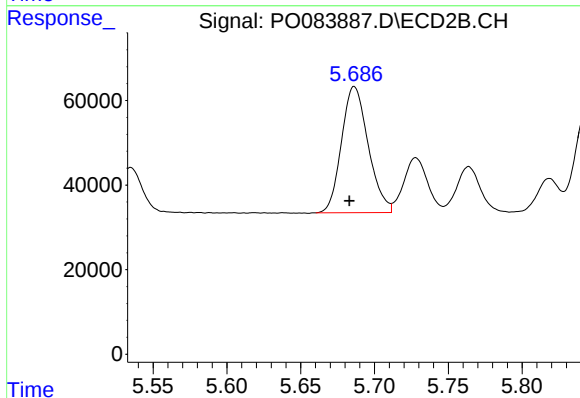
R.T.: 5.503 min  
Delta R.T.: 0.004 min  
Response: 353913  
Conc: 1089.31 ng/ml



#15 AR-1232-5

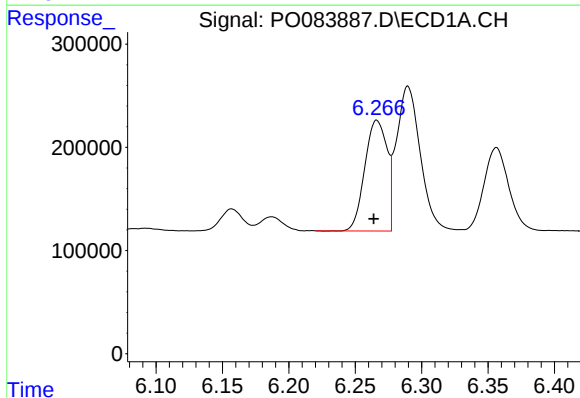
R.T.: 6.563 min  
Delta R.T.: 0.002 min  
Response: 682460  
Conc: 1130.00 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



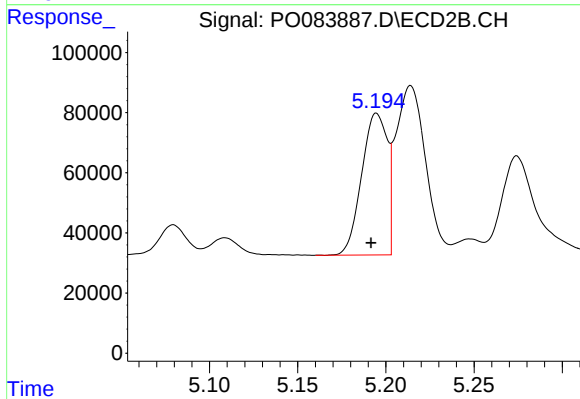
#15 AR-1232-5

R.T.: 5.686 min  
Delta R.T.: 0.003 min  
Response: 376716  
Conc: 1078.04 ng/ml



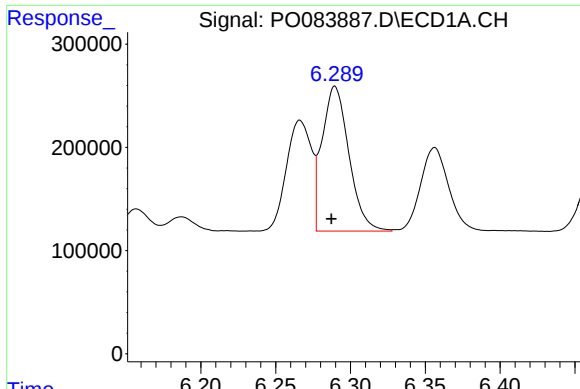
#16 AR-1242-1

R.T.: 6.266 min  
Delta R.T.: 0.002 min  
Response: 1245536  
Conc: 522.87 ng/ml



#16 AR-1242-1

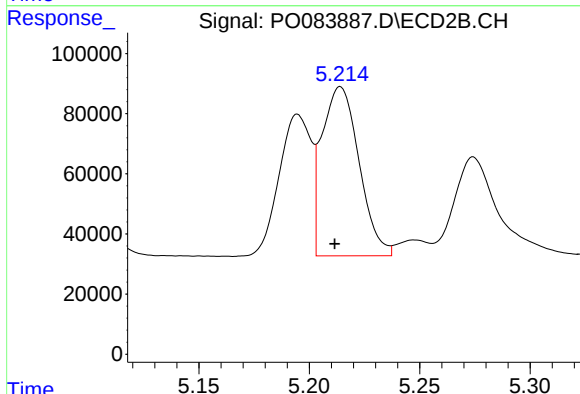
R.T.: 5.195 min  
Delta R.T.: 0.003 min  
Response: 475988  
Conc: 503.59 ng/ml



#17 AR-1242-2

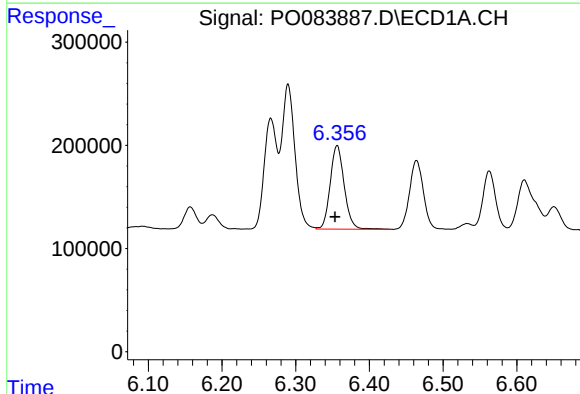
R.T.: 6.290 min  
Delta R.T.: 0.002 min  
Response: 1750938  
Conc: 514.18 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



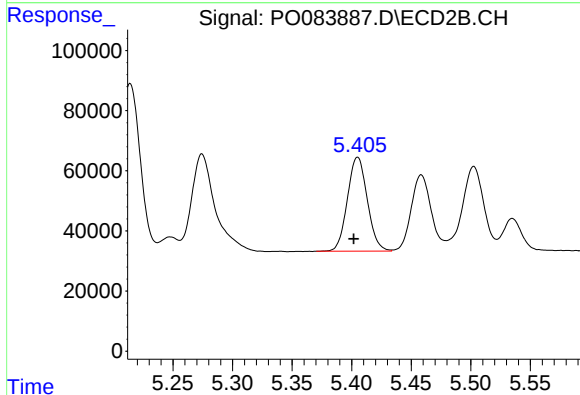
#17 AR-1242-2

R.T.: 5.214 min  
Delta R.T.: 0.002 min  
Response: 658067  
Conc: 502.19 ng/ml



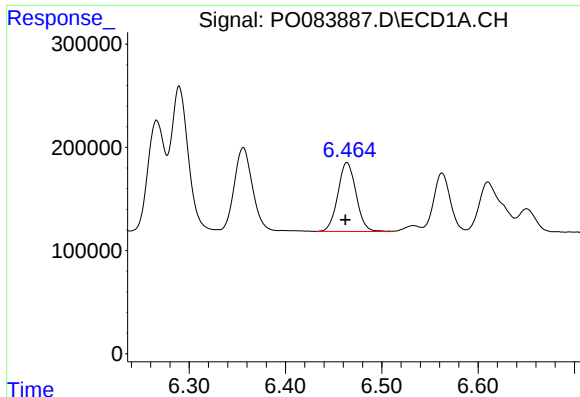
#18 AR-1242-3

R.T.: 6.356 min  
Delta R.T.: 0.003 min  
Response: 1072922  
Conc: 524.24 ng/ml



#18 AR-1242-3

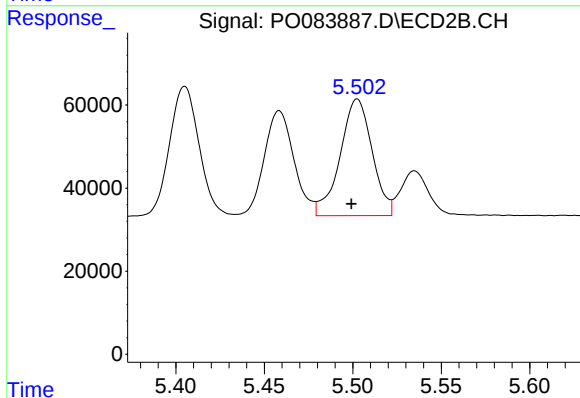
R.T.: 5.405 min  
Delta R.T.: 0.003 min  
Response: 363264  
Conc: 517.19 ng/ml



#19 AR-1242-4

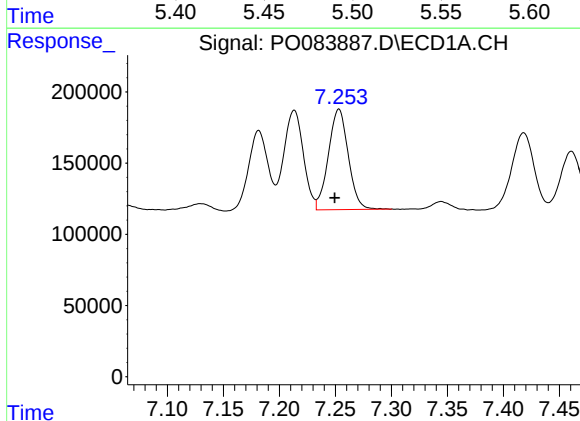
R.T.: 6.464 min  
Delta R.T.: 0.002 min  
Response: 876856  
Conc: 524.98 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



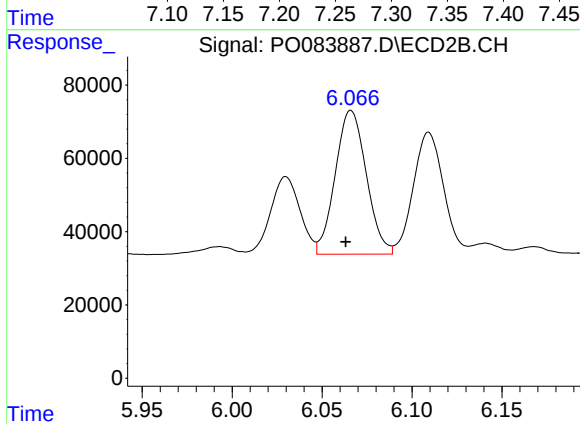
#19 AR-1242-4

R.T.: 5.503 min  
Delta R.T.: 0.003 min  
Response: 353913  
Conc: 538.86 ng/ml



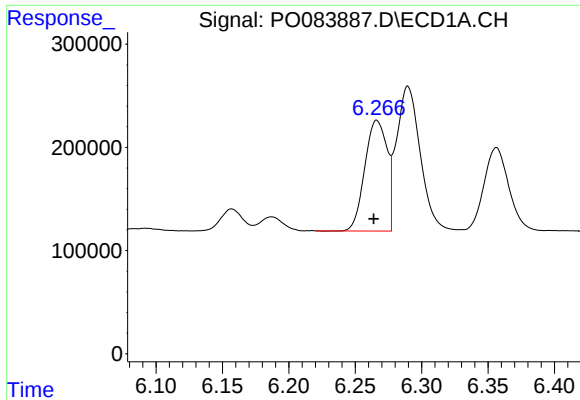
#20 AR-1242-5

R.T.: 7.253 min  
Delta R.T.: 0.004 min  
Response: 873163  
Conc: 503.80 ng/ml



#20 AR-1242-5

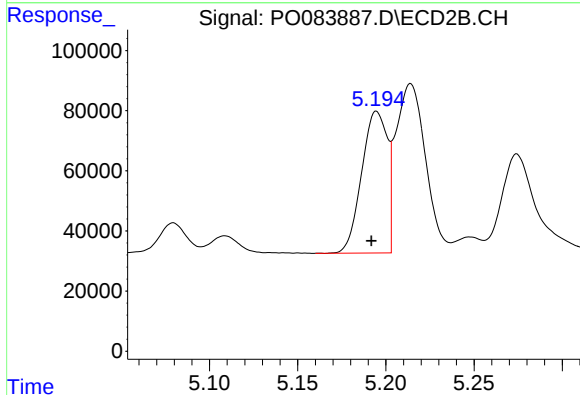
R.T.: 6.066 min  
Delta R.T.: 0.003 min  
Response: 472115  
Conc: 537.46 ng/ml



#21 AR-1248-1

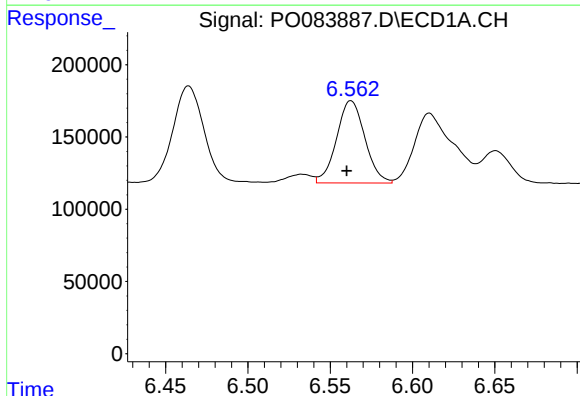
R.T.: 6.266 min  
Delta R.T.: 0.002 min  
Response: 1245536  
Conc: 713.58 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



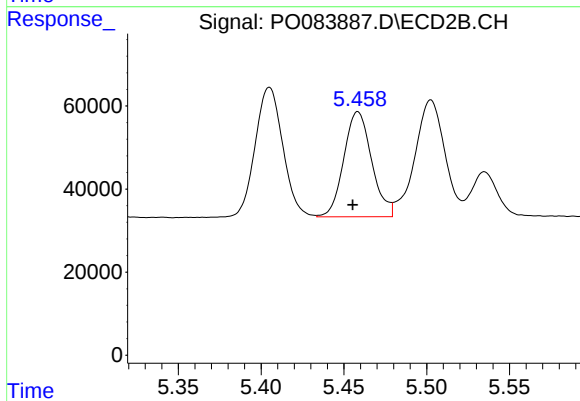
#21 AR-1248-1

R.T.: 5.195 min  
Delta R.T.: 0.003 min  
Response: 475988  
Conc: 683.80 ng/ml



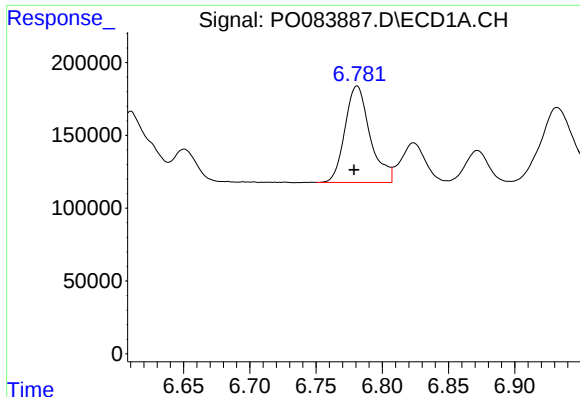
#22 AR-1248-2

R.T.: 6.563 min  
Delta R.T.: 0.002 min  
Response: 682460  
Conc: 295.48 ng/ml



#22 AR-1248-2

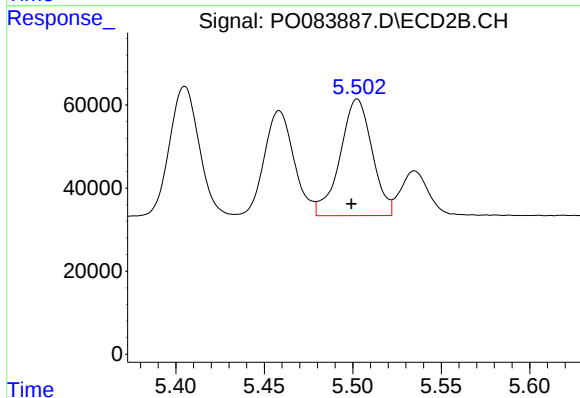
R.T.: 5.458 min  
Delta R.T.: 0.003 min  
Response: 296483  
Conc: 297.13 ng/ml



#23 AR-1248-3

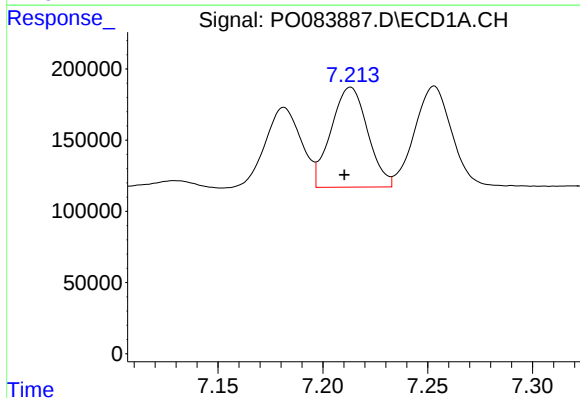
R.T.: 6.781 min  
Delta R.T.: 0.002 min  
Response: 874316  
Conc: 323.94 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



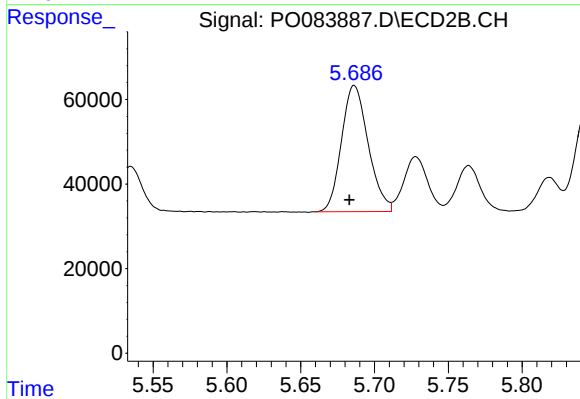
#23 AR-1248-3

R.T.: 5.503 min  
Delta R.T.: 0.003 min  
Response: 353913  
Conc: 352.98 ng/ml



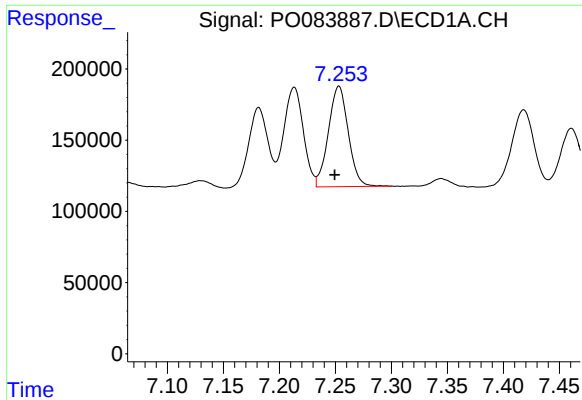
#24 AR-1248-4

R.T.: 7.213 min  
Delta R.T.: 0.003 min  
Response: 855596  
Conc: 290.58 ng/ml



#24 AR-1248-4

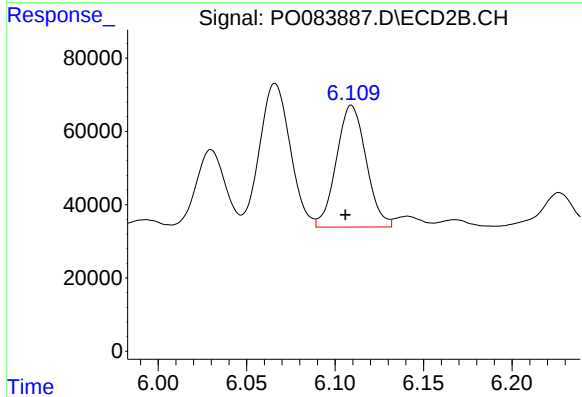
R.T.: 5.686 min  
Delta R.T.: 0.003 min  
Response: 376716  
Conc: 324.89 ng/ml



#25 AR-1248-5

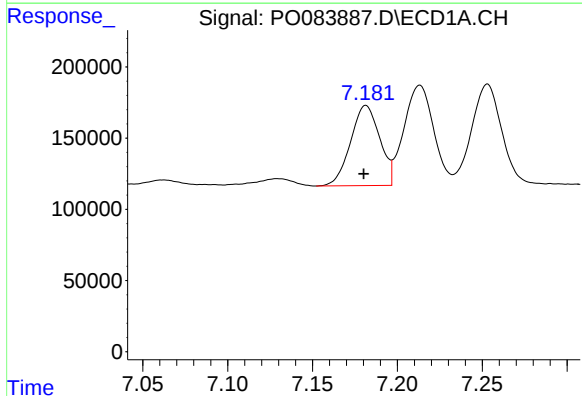
R.T.: 7.253 min  
Delta R.T.: 0.004 min  
Response: 873163  
Conc: 307.52 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



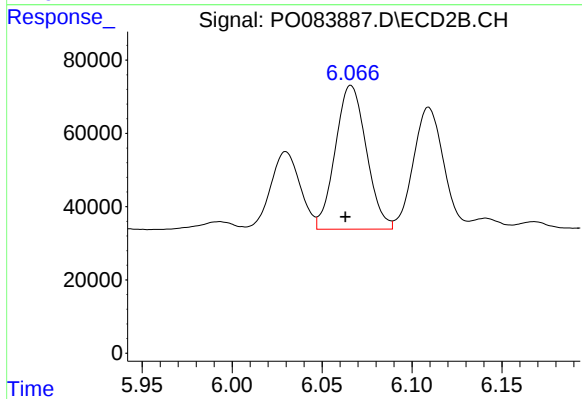
#25 AR-1248-5

R.T.: 6.109 min  
Delta R.T.: 0.004 min  
Response: 389139  
Conc: 333.19 ng/ml



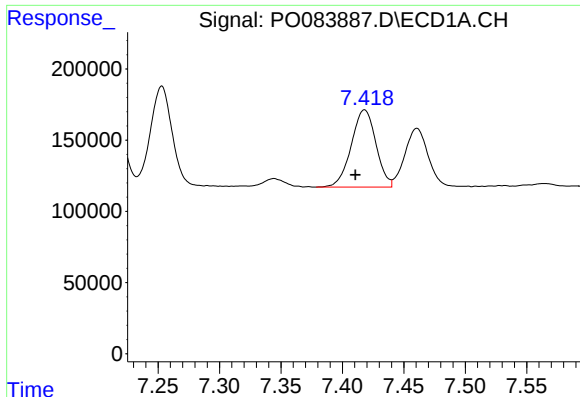
#26 AR-1254-1

R.T.: 7.181 min  
Delta R.T.: 0.001 min  
Response: 674625  
Conc: 219.02 ng/ml



#26 AR-1254-1

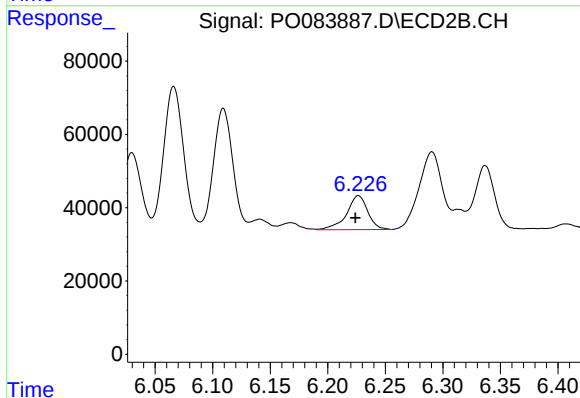
R.T.: 6.066 min  
Delta R.T.: 0.003 min  
Response: 472115  
Conc: 257.29 ng/ml



#27 AR-1254-2

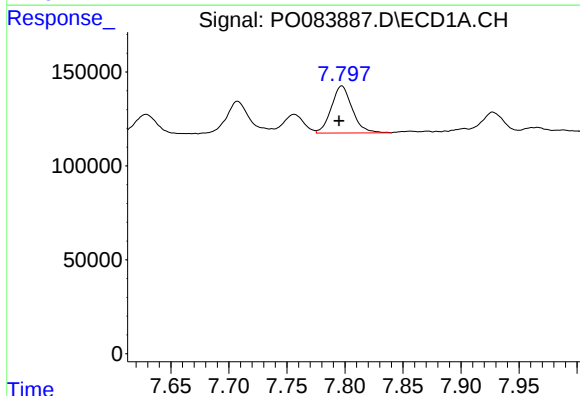
R.T.: 7.418 min  
Delta R.T.: 0.007 min  
Response: 760020  
Conc: 163.77 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



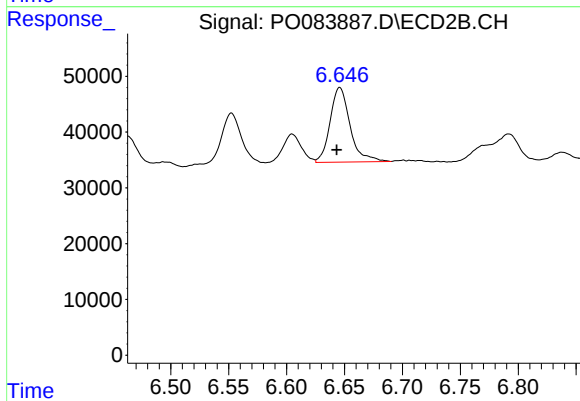
#27 AR-1254-2

R.T.: 6.227 min  
Delta R.T.: 0.003 min  
Response: 119598  
Conc: 75.30 ng/ml



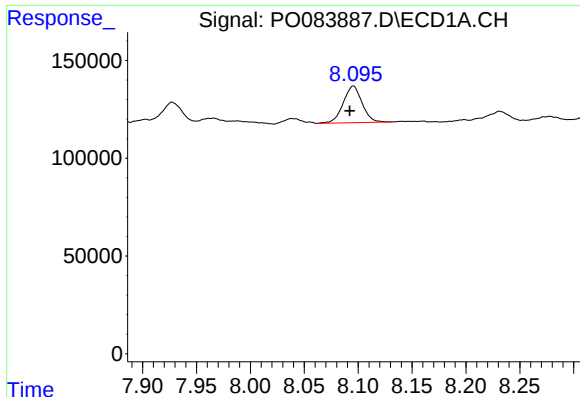
#28 AR-1254-3

R.T.: 7.797 min  
Delta R.T.: 0.002 min  
Response: 313900  
Conc: 67.32 ng/ml



#28 AR-1254-3

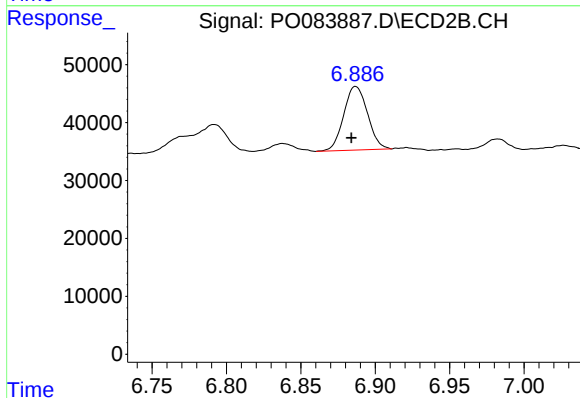
R.T.: 6.646 min  
Delta R.T.: 0.003 min  
Response: 161679  
Conc: 67.50 ng/ml



#29 AR-1254-4

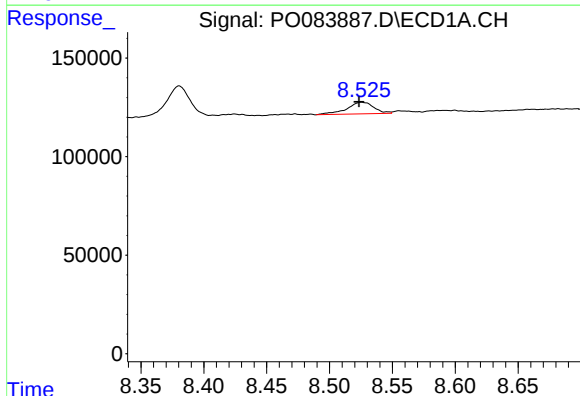
R.T.: 8.096 min  
Delta R.T.: 0.003 min  
Response: 229349  
Conc: 67.09 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



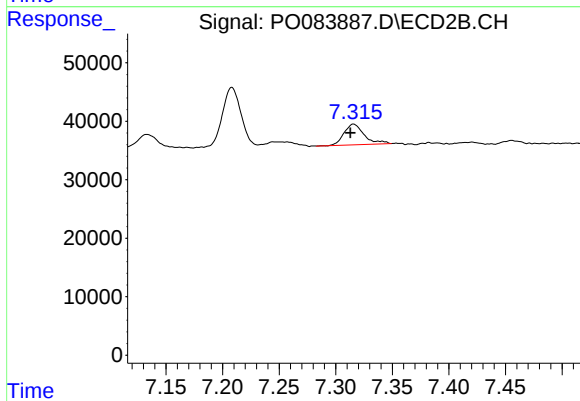
#29 AR-1254-4

R.T.: 6.887 min  
Delta R.T.: 0.003 min  
Response: 122413  
Conc: 72.86 ng/ml



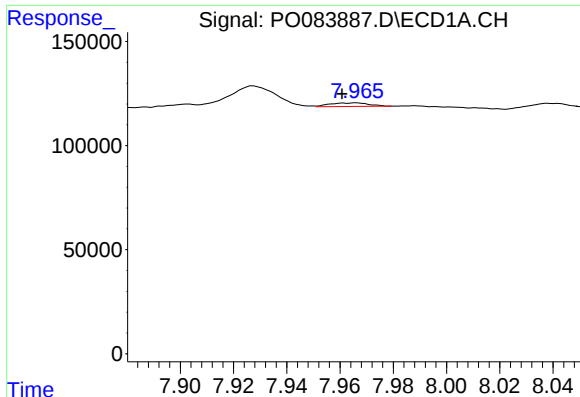
#30 AR-1254-5

R.T.: 8.526 min  
Delta R.T.: 0.002 min  
Response: 89025  
Conc: 24.97 ng/ml



#30 AR-1254-5

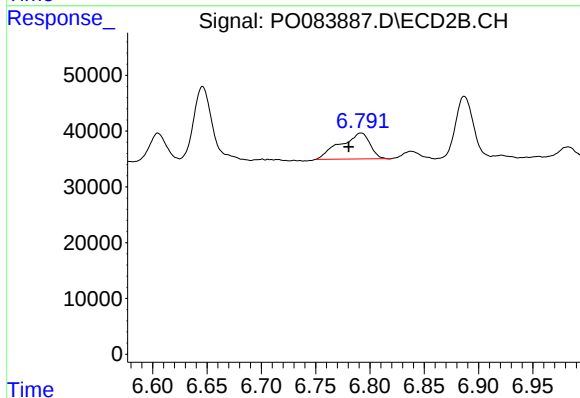
R.T.: 7.316 min  
Delta R.T.: 0.003 min  
Response: 44208  
Conc: 20.82 ng/ml



#31 AR-1260-1

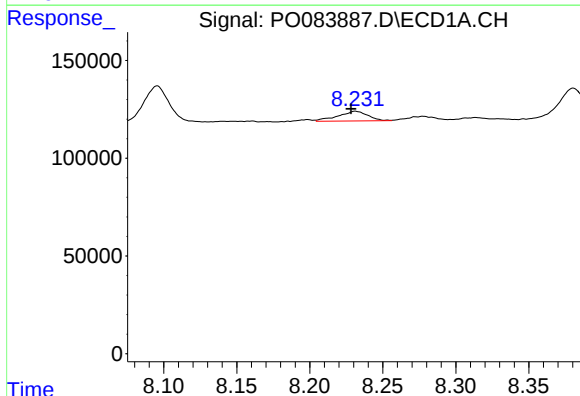
R.T.: 7.966 min  
Delta R.T.: 0.005 min  
Response: 17273  
Conc: 5.33 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



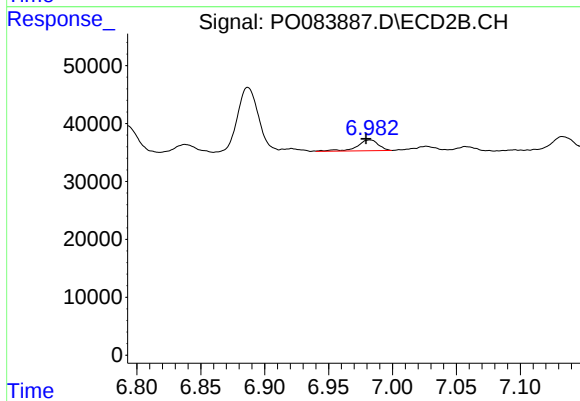
#31 AR-1260-1

R.T.: 6.792 min  
Delta R.T.: 0.011 min  
Response: 88535  
Conc: 52.82 ng/ml



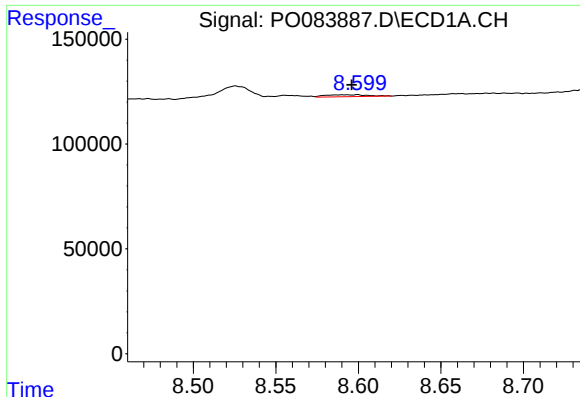
#32 AR-1260-2

R.T.: 8.231 min  
Delta R.T.: 0.003 min  
Response: 71904  
Conc: 18.56 ng/ml



#32 AR-1260-2

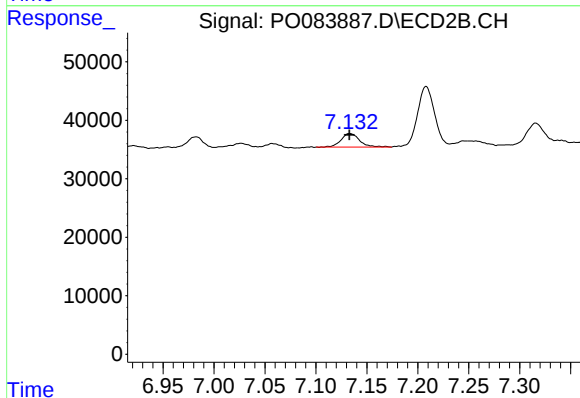
R.T.: 6.982 min  
Delta R.T.: 0.003 min  
Response: 21522  
Conc: 10.42 ng/ml



#33 AR-1260-3

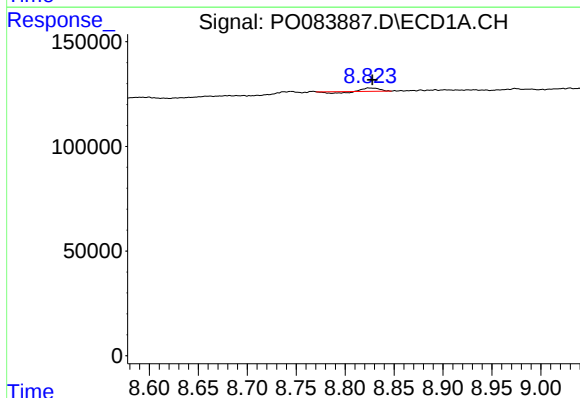
R.T.: 8.599 min  
Delta R.T.: 0.004 min  
Response: 16388  
Conc: 5.53 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



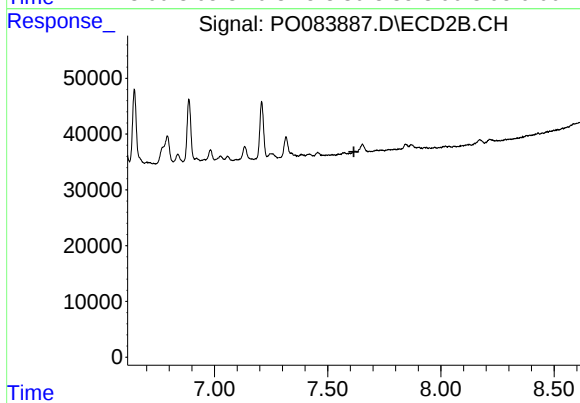
#33 AR-1260-3

R.T.: 7.133 min  
Delta R.T.: 0.000 min  
Response: 29413  
Conc: 16.61 ng/ml



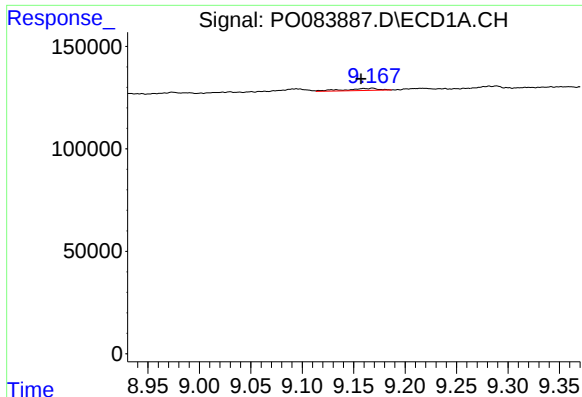
#34 AR-1260-4

R.T.: 8.824 min  
Delta R.T.: -0.004 min  
Response: 9285  
Conc: 2.71 ng/ml



#34 AR-1260-4

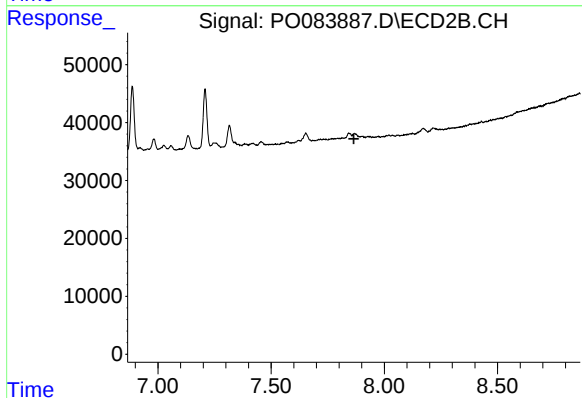
R.T.: 0.000 min  
Exp R.T. : 7.616 min  
Response: 0  
Conc: N.D.



#35 AR-1260-5

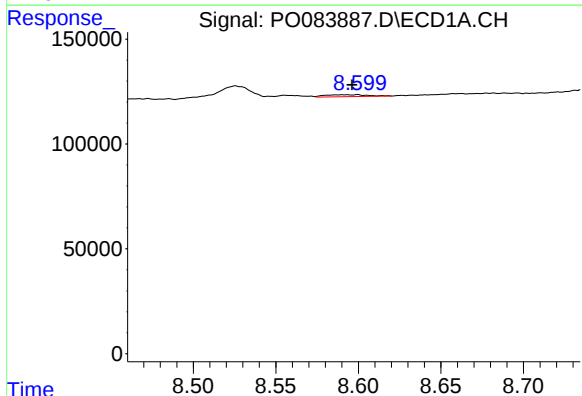
R.T.: 9.168 min  
Delta R.T.: 0.011 min  
Response: 23562  
Conc: 3.50 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



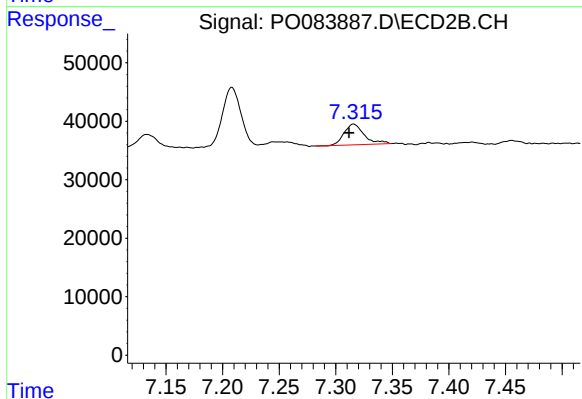
#35 AR-1260-5

R.T.: 0.000 min  
Exp R.T. : 7.866 min  
Response: 0  
Conc: N.D.



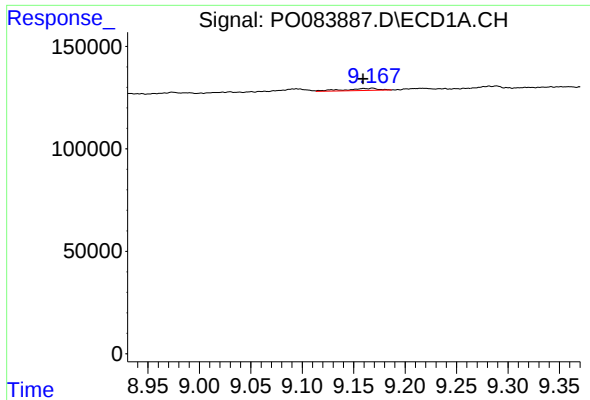
#36 AR-1262-1

R.T.: 8.599 min  
Delta R.T.: 0.003 min  
Response: 16388  
Conc: 4.06 ng/ml



#36 AR-1262-1

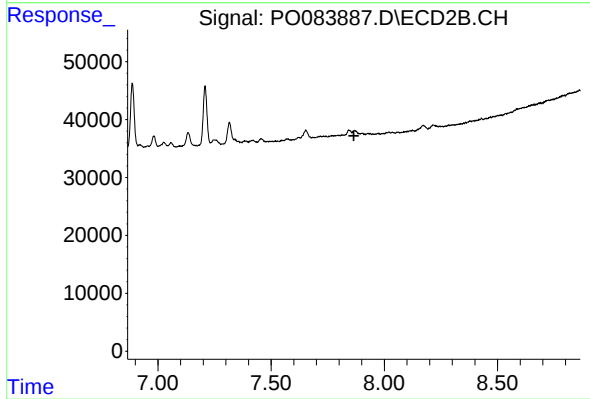
R.T.: 7.316 min  
Delta R.T.: 0.004 min  
Response: 44208  
Conc: 40.18 ng/ml



#37 AR-1262-2

R.T.: 9.168 min  
Delta R.T.: 0.009 min  
Response: 23562  
Conc: 3.37 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



#37 AR-1262-2

R.T.: 0.000 min  
Exp R.T. : 7.866 min  
Response: 0  
Conc: N.D.