

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0031021\  
 Data File : P0076015.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 10 Mar 2021 14:43  
 Operator : DD\AJ  
 Sample : AR1254CCC500  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 10 17:41:49 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0030421.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Mar 05 08:07:39 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... | 4.926  | 3.941  | 3008812 | 2245508 | 50.478   | 50.339    |
| 2)                          | SA Decachlor... | 10.928 | 9.212  | 1820205 | 1812413 | 55.407   | 49.845    |
| Target Compounds            |                 |        |        |         |         |          |           |
| 3)                          | L1 AR-1016-1    | 6.248  | 5.190  | 23862   | 4398    | 13.137   | 2.929 #   |
| 4)                          | L1 AR-1016-2    | 6.276  | 5.190f | 32370   | 4398    | 11.560   | 1.843 #   |
| 6)                          | L1 AR-1016-4    | 0.000  | 5.452  | 0       | 498671  | N.D.     | 475.150 # |
| 7)                          | L1 AR-1016-5    | 6.762  | 5.679  | 321175  | 294496  | 243.920  | 231.579   |
| 9)                          | L2 AR-1221-2    | 5.278  | 4.290  | 36671   | 29841   | 79.957   | 80.121    |
| 12)                         | L3 AR-1232-2    | 0.000  | 5.190f | 0       | 4398    | N.D.     | 4.046 #   |
| 13)                         | L3 AR-1232-3    | 6.276  | 0.000  | 32370   | 0       | 27.768   | N.D. #    |
| 14)                         | L3 AR-1232-4    | 0.000  | 5.495  | 0       | 133053  | N.D.     | 288.596 # |
| 15)                         | L3 AR-1232-5    | 6.544  | 5.679  | 562823  | 294496  | 1408.335 | 589.622 # |
| 16)                         | L4 AR-1242-1    | 6.248  | 5.190  | 23862   | 4398    | 16.392   | 3.698 #   |
| 17)                         | L4 AR-1242-2    | 6.276  | 5.190f | 32370   | 4398    | 14.511   | 2.264 #   |
| 19)                         | L4 AR-1242-4    | 0.000  | 5.495  | 0       | 133053  | N.D.     | 135.617 # |
| 20)                         | L4 AR-1242-5    | 7.233  | 6.058  | 347575  | 1177859 | 324.307  | 996.009 # |
| 21)                         | L5 AR-1248-1    | 6.248  | 5.190  | 23862   | 4398    | 21.891   | 4.766 #   |
| 22)                         | L5 AR-1248-2    | 6.544  | 5.452  | 562823  | 498671  | 358.947  | 348.534   |
| 23)                         | L5 AR-1248-3    | 6.762  | 5.495  | 321175  | 133053  | 178.806  | 90.357 #  |
| 24)                         | L5 AR-1248-4    | 7.191  | 5.679  | 477860  | 294496  | 250.108  | 174.321 # |
| 25)                         | L5 AR-1248-5    | 7.233  | 6.101  | 347575  | 151072  | 183.587  | 90.637 #  |
| 26)                         | L6 AR-1254-1    | 7.160  | 6.058  | 961089  | 1177859 | 462.339  | 452.999   |
| 27)                         | L6 AR-1254-2    | 7.390  | 6.217  | 1485658 | 1034797 | 470.888  | 450.775   |
| 28)                         | L6 AR-1254-3    | 7.773  | 6.635  | 1510337 | 1600138 | 484.100  | 459.911   |
| 29)                         | L6 AR-1254-4    | 8.070  | 6.875  | 1040813 | 992785  | 476.103  | 469.340   |
| 30)                         | L6 AR-1254-5    | 8.498  | 7.302  | 1086195 | 1426630 | 477.199  | 458.926   |
| 31)                         | L7 AR-1260-1    | 7.940  | 6.774  | 607413  | 807020  | 285.555  | 355.592   |
| 32)                         | L7 AR-1260-2    | 8.206  | 6.969  | 638048  | 681439  | 263.170  | 246.234   |
| 33)                         | L7 AR-1260-3    | 8.558f | 7.121  | 135190  | 650037  | 74.365   | 251.263 # |
| 34)                         | L7 AR-1260-4    | 8.794f | 7.604  | 417986  | 66784   | 192.279  | 31.629 #  |
| 35)                         | L7 AR-1260-5    | 9.127  | 7.851  | 139872  | 133062  | 36.738   | 26.520 #  |
| 36)                         | L8 AR-1262-1    | 8.558f | 7.302  | 135190  | 1426630 | 47.487   | 828.855 # |
| 37)                         | L8 AR-1262-2    | 9.127  | 7.851  | 139872  | 133062  | 30.694   | 23.874    |
| 38)                         | L8 AR-1262-3    | 9.458  | 0.000  | 120921  | 0       | 39.990   | N.D. #    |
| 39)                         | L8 AR-1262-4    | 9.509f | 8.197  | 40437   | 161186  | 17.700   | 38.347 #  |
| 41)                         | L9 AR-1268-1    | 9.458  | 0.000  | 120921  | 0       | 23.005   | N.D. #    |
| 42)                         | L9 AR-1268-2    | 0.000  | 8.197  | 0       | 161186  | N.D.     | 27.216 #  |
| -----                       |                 |        |        |         |         |          |           |

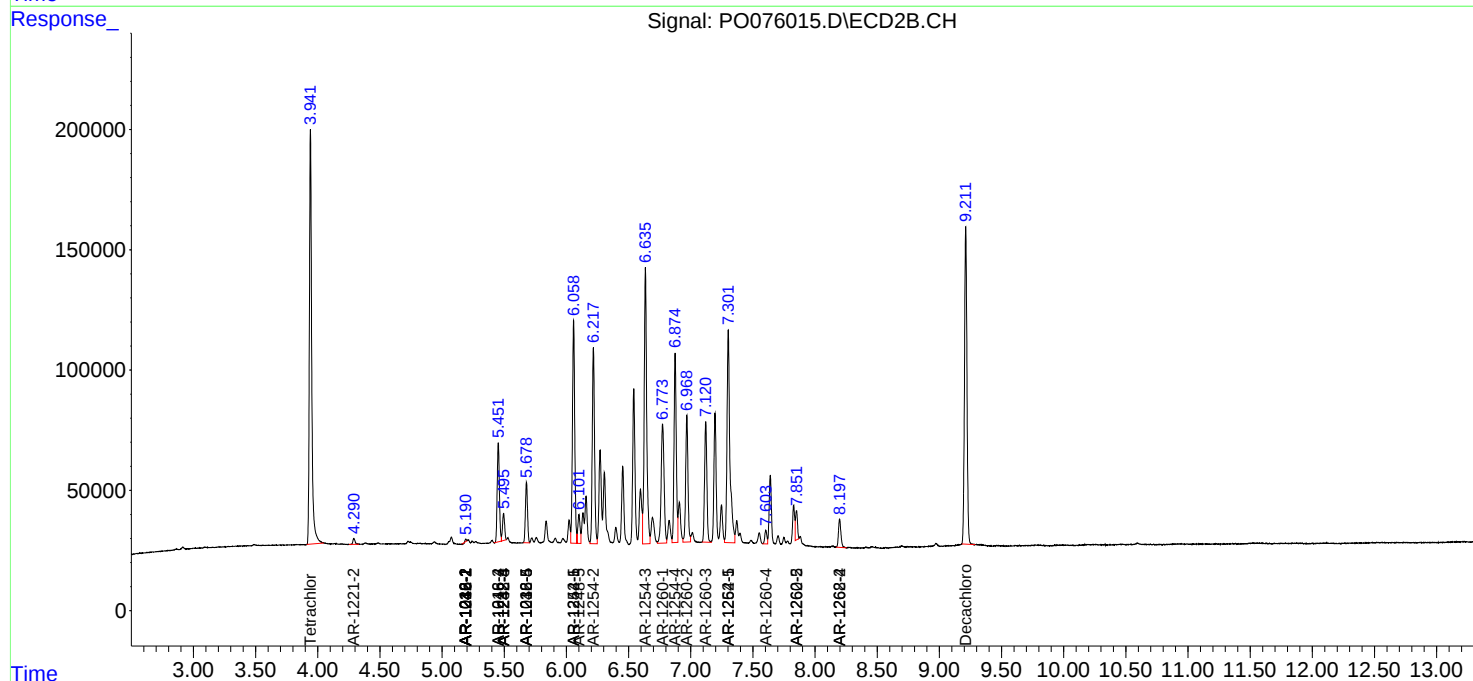
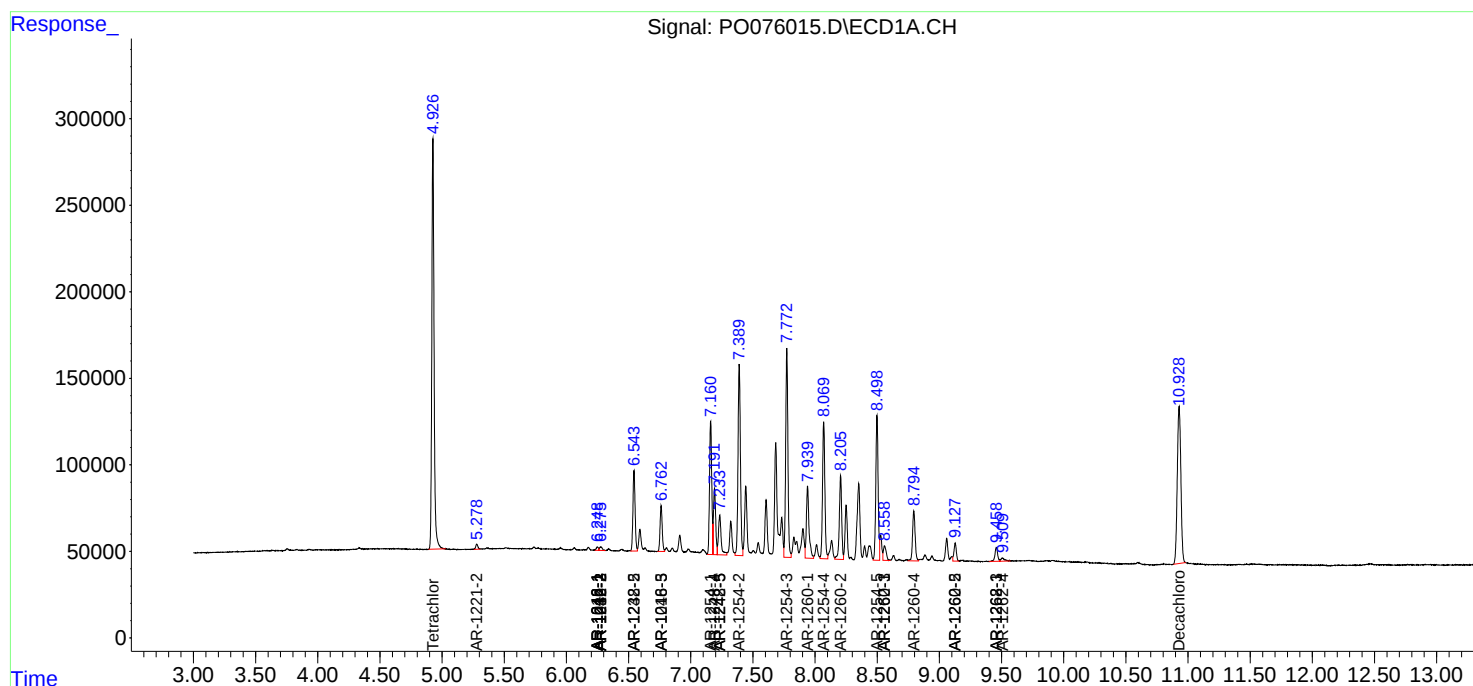
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

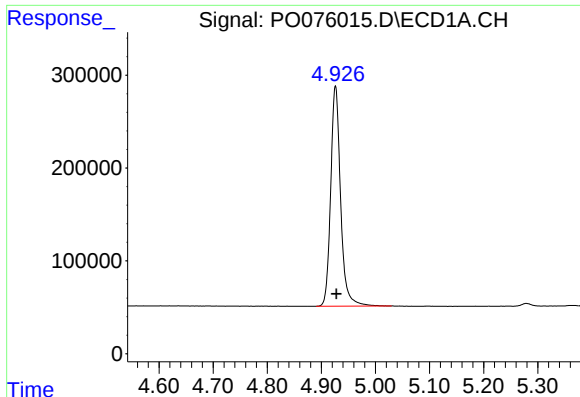
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO031021\  
Data File : PO076015.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 10 Mar 2021 14:43  
Operator : DD\AJ  
Sample : AR1254CCC500  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 10 17:41:49 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO030421.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Mar 05 08:07:39 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

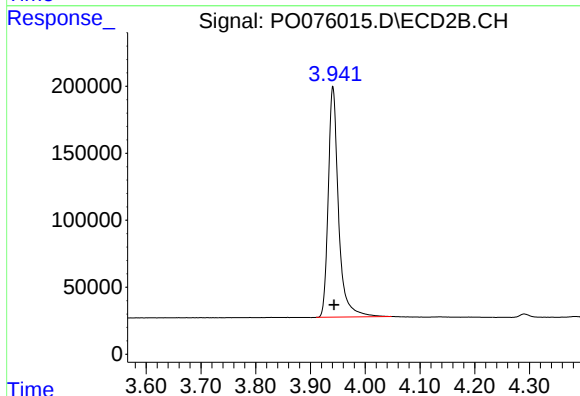




#1 Tetrachloro-m-xylene

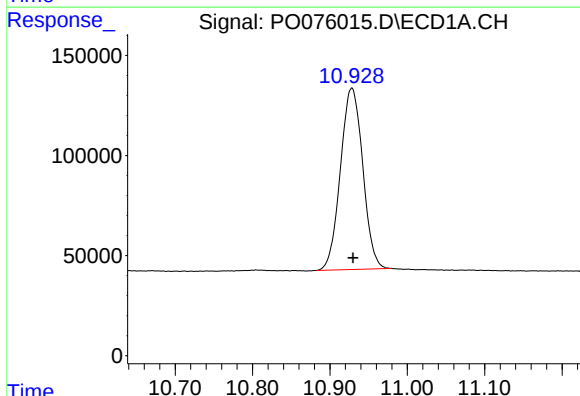
R.T.: 4.926 min  
Delta R.T.: -0.002 min  
Response: 3008812  
Conc: 50.48 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



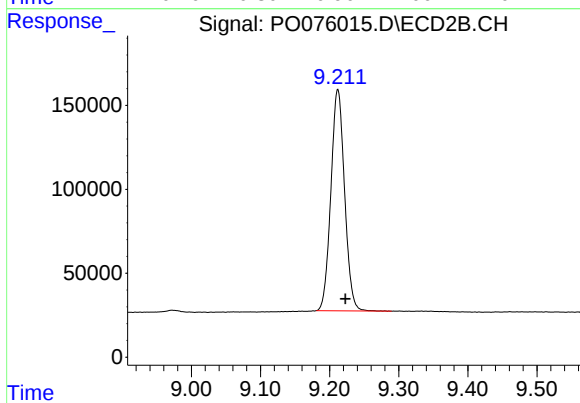
#1 Tetrachloro-m-xylene

R.T.: 3.941 min  
Delta R.T.: -0.002 min  
Response: 2245508  
Conc: 50.34 ng/ml



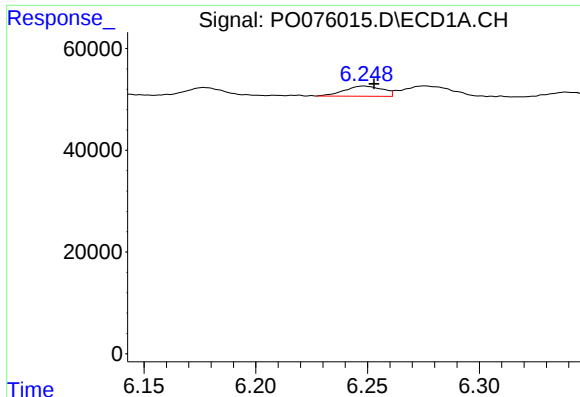
#2 Decachlorobiphenyl

R.T.: 10.928 min  
Delta R.T.: -0.002 min  
Response: 1820205  
Conc: 55.41 ng/ml



#2 Decachlorobiphenyl

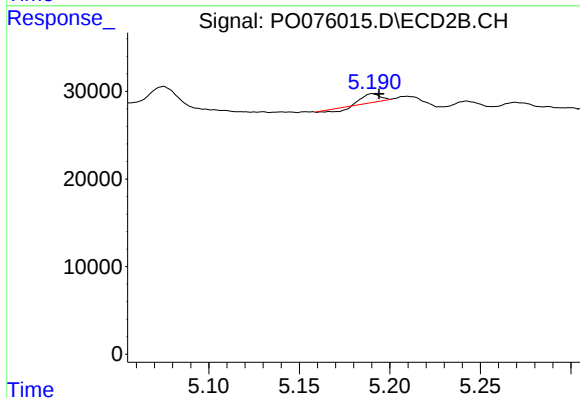
R.T.: 9.212 min  
Delta R.T.: -0.011 min  
Response: 1812413  
Conc: 49.85 ng/ml



#3 AR-1016-1

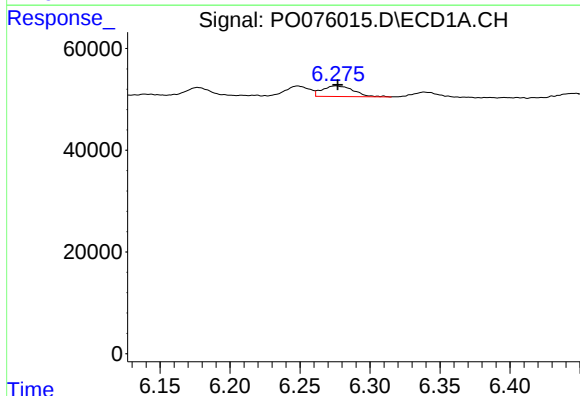
R.T.: 6.248 min  
Delta R.T.: -0.005 min  
Response: 23862  
Conc: 13.14 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



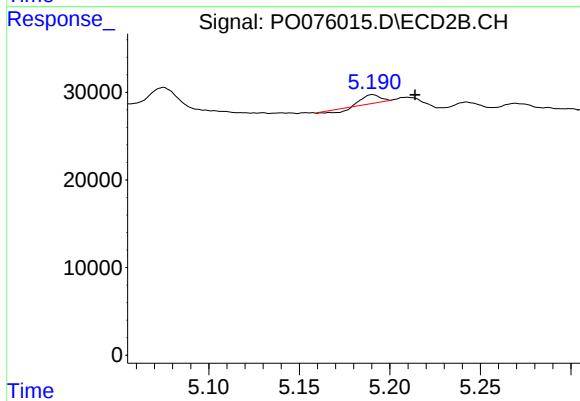
#3 AR-1016-1

R.T.: 5.190 min  
Delta R.T.: -0.004 min  
Response: 4398  
Conc: 2.93 ng/ml



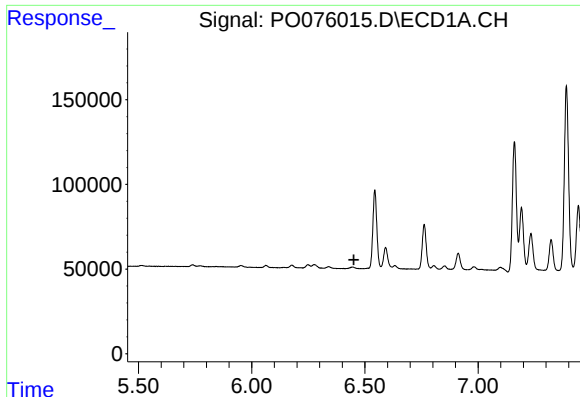
#4 AR-1016-2

R.T.: 6.276 min  
Delta R.T.: -0.001 min  
Response: 32370  
Conc: 11.56 ng/ml



#4 AR-1016-2

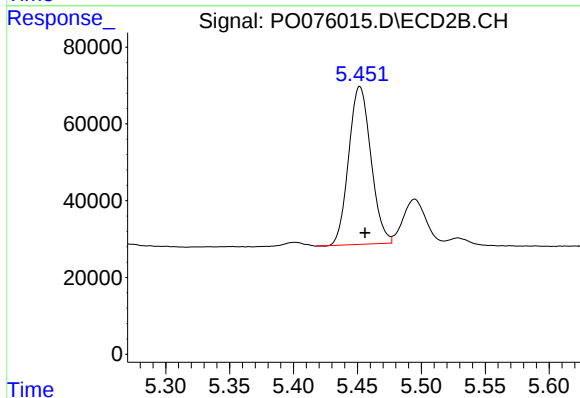
R.T.: 5.190 min  
Delta R.T.: -0.024 min  
Response: 4398  
Conc: 1.84 ng/ml



#6 AR-1016-4

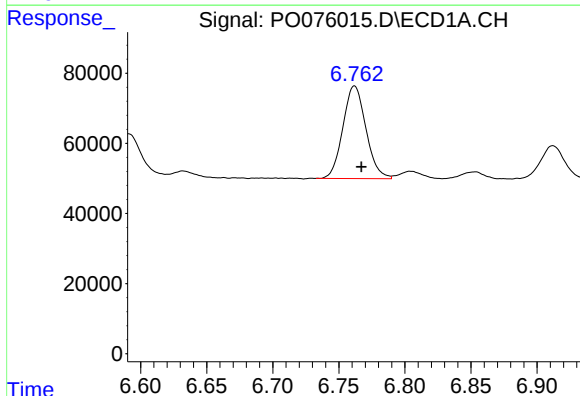
R.T.: 0.000 min  
Exp R.T.: 6.451 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



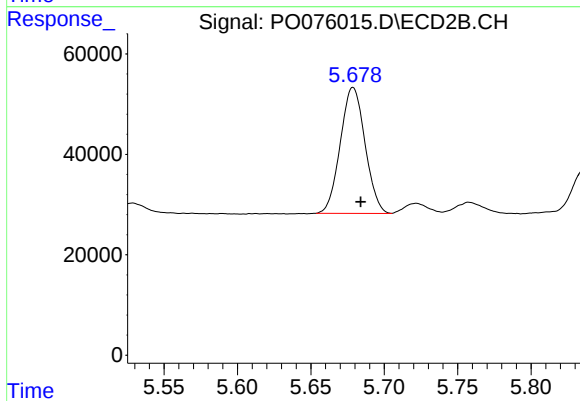
#6 AR-1016-4

R.T.: 5.452 min  
Delta R.T.: -0.004 min  
Response: 498671  
Conc: 475.15 ng/ml



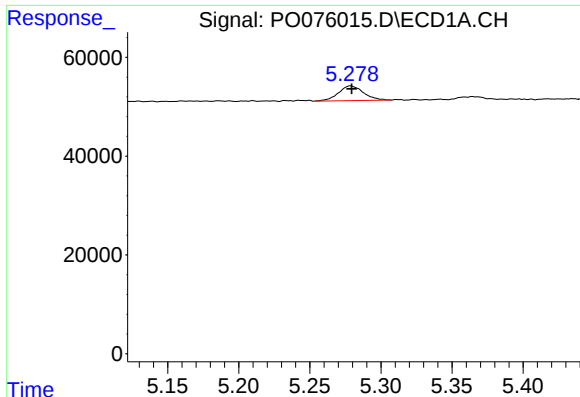
#7 AR-1016-5

R.T.: 6.762 min  
Delta R.T.: -0.005 min  
Response: 321175  
Conc: 243.92 ng/ml



#7 AR-1016-5

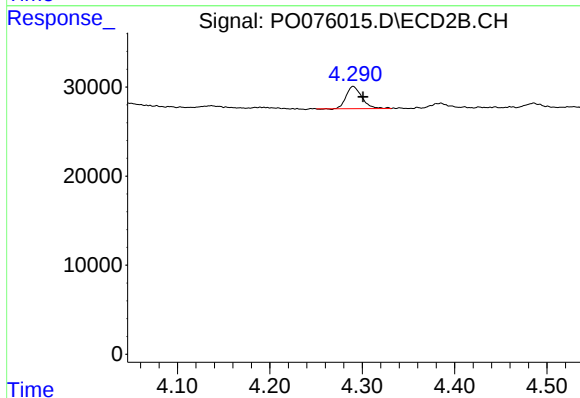
R.T.: 5.679 min  
Delta R.T.: -0.005 min  
Response: 294496  
Conc: 231.58 ng/ml



#9 AR-1221-2

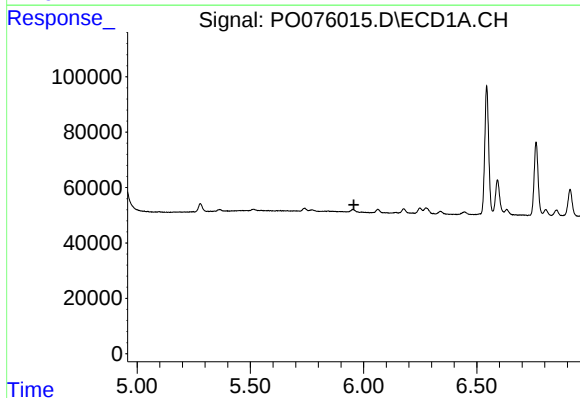
R.T.: 5.278 min  
Delta R.T.: -0.001 min  
Response: 36671  
Conc: 79.96 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



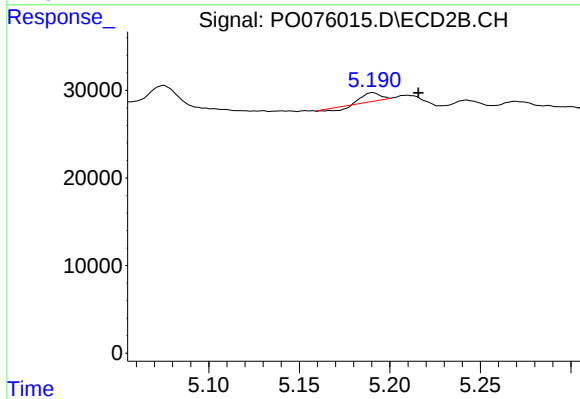
#9 AR-1221-2

R.T.: 4.290 min  
Delta R.T.: -0.011 min  
Response: 29841  
Conc: 80.12 ng/ml



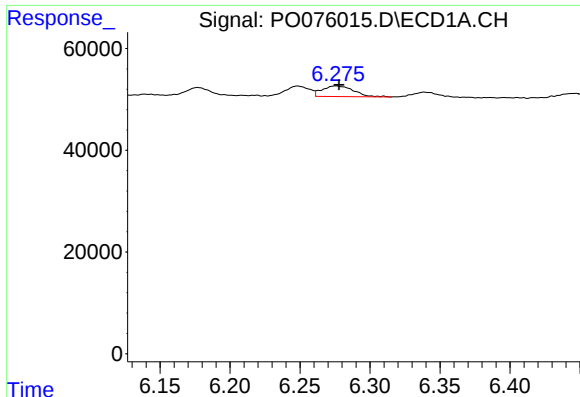
#12 AR-1232-2

R.T.: 0.000 min  
Exp R.T. : 5.957 min  
Response: 0  
Conc: N.D.



#12 AR-1232-2

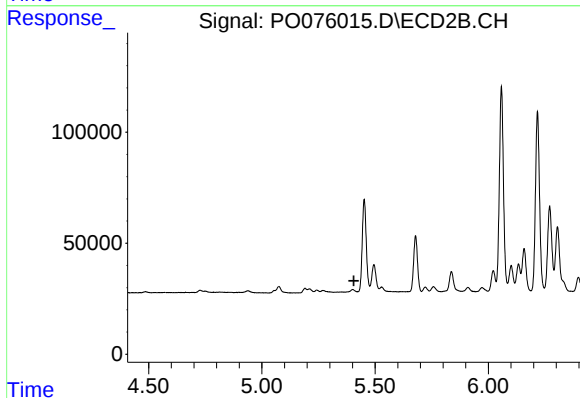
R.T.: 5.190 min  
Delta R.T.: -0.025 min  
Response: 4398  
Conc: 4.05 ng/ml



#13 AR-1232-3

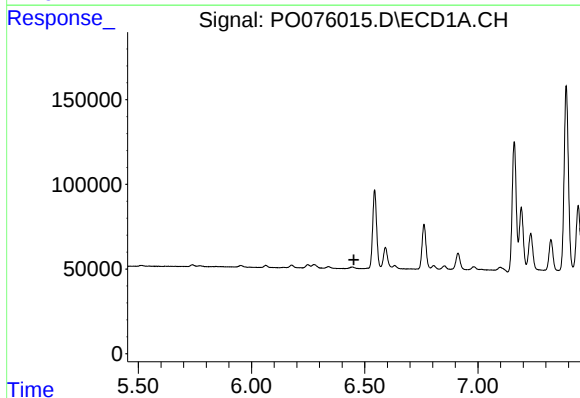
R.T.: 6.276 min  
Delta R.T.: -0.002 min  
Response: 32370  
Conc: 27.77 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



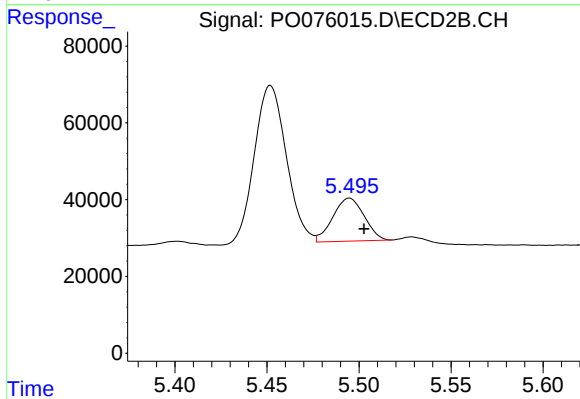
#13 AR-1232-3

R.T.: 0.000 min  
Exp R.T. : 5.406 min  
Response: 0  
Conc: N.D.



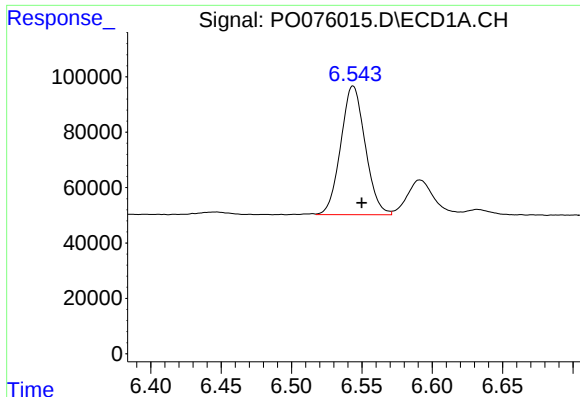
#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T. : 6.452 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

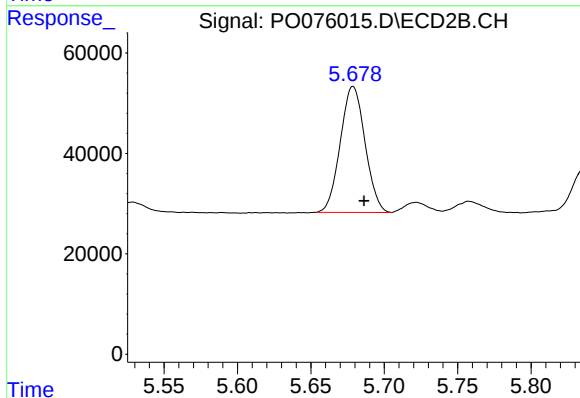
R.T.: 5.495 min  
Delta R.T.: -0.008 min  
Response: 133053  
Conc: 288.60 ng/ml



#15 AR-1232-5

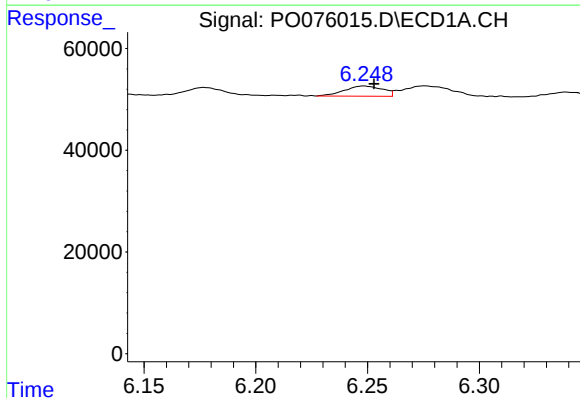
R.T.: 6.544 min  
Delta R.T.: -0.006 min  
Response: 562823  
Conc: 1408.34 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



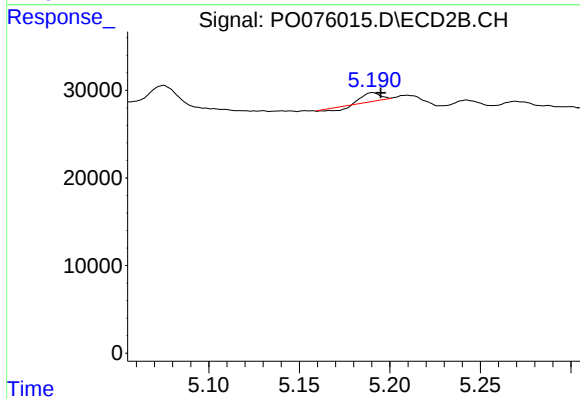
#15 AR-1232-5

R.T.: 5.679 min  
Delta R.T.: -0.007 min  
Response: 294496  
Conc: 589.62 ng/ml



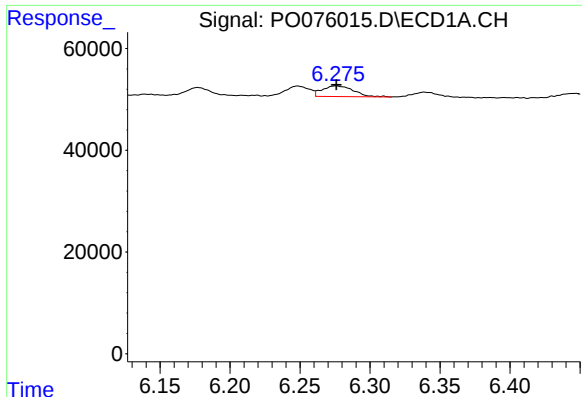
#16 AR-1242-1

R.T.: 6.248 min  
Delta R.T.: -0.005 min  
Response: 23862  
Conc: 16.39 ng/ml



#16 AR-1242-1

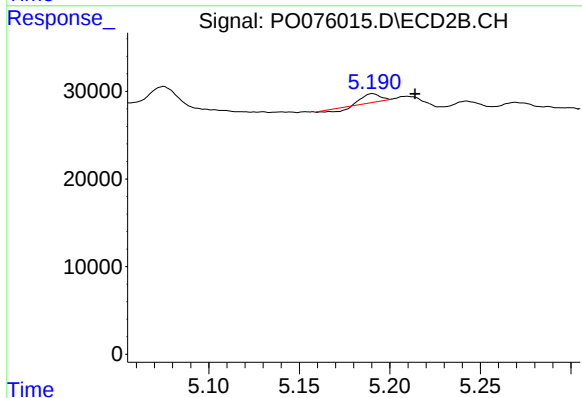
R.T.: 5.190 min  
Delta R.T.: -0.005 min  
Response: 4398  
Conc: 3.70 ng/ml



#17 AR-1242-2

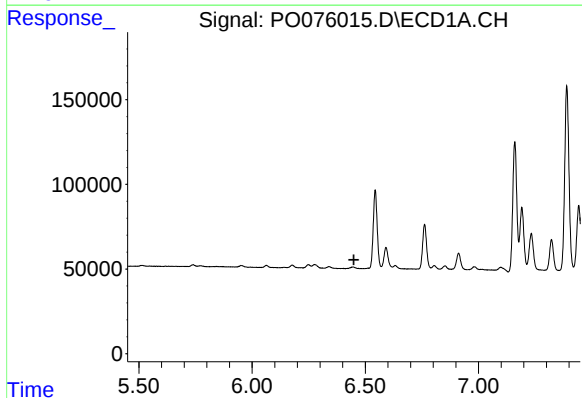
R.T.: 6.276 min  
Delta R.T.: 0.000 min  
Response: 32370  
Conc: 14.51 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



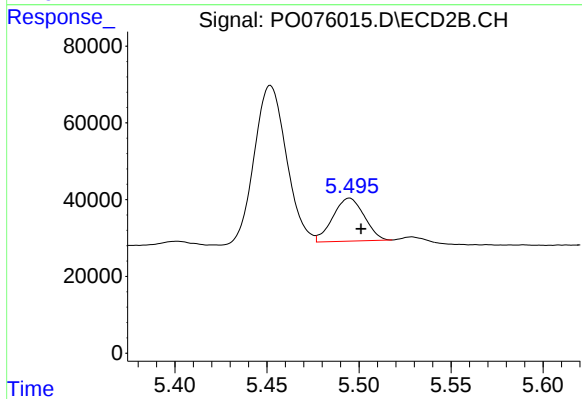
#17 AR-1242-2

R.T.: 5.190 min  
Delta R.T.: -0.024 min  
Response: 4398  
Conc: 2.26 ng/ml



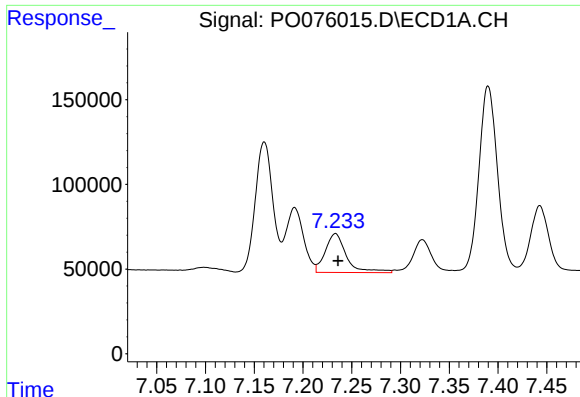
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T. : 6.450 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

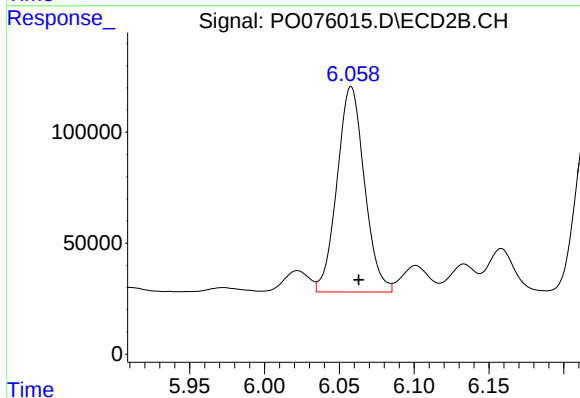
R.T.: 5.495 min  
Delta R.T.: -0.006 min  
Response: 133053  
Conc: 135.62 ng/ml



#20 AR-1242-5

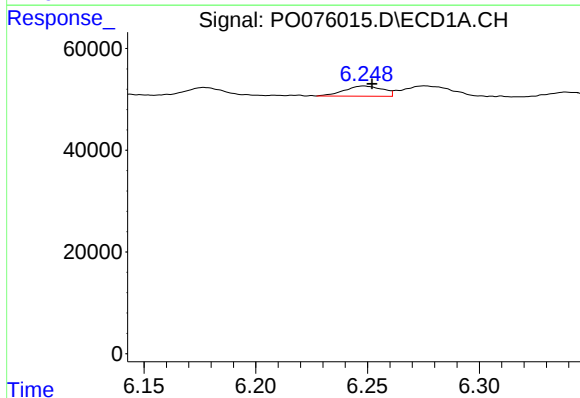
R.T.: 7.233 min  
Delta R.T.: -0.003 min  
Response: 347575  
Conc: 324.31 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



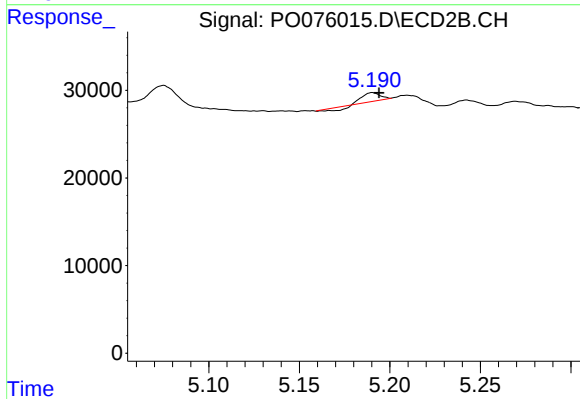
#20 AR-1242-5

R.T.: 6.058 min  
Delta R.T.: -0.005 min  
Response: 1177859  
Conc: 996.01 ng/ml



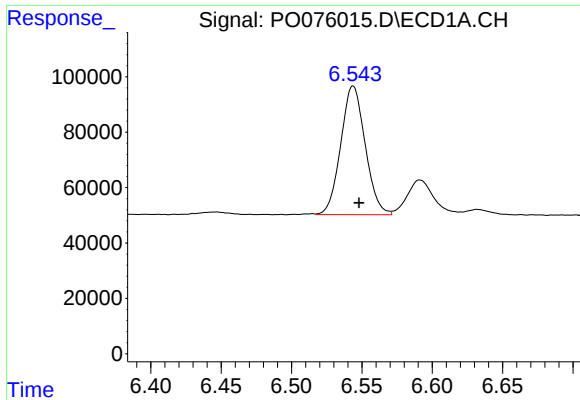
#21 AR-1248-1

R.T.: 6.248 min  
Delta R.T.: -0.004 min  
Response: 23862  
Conc: 21.89 ng/ml



#21 AR-1248-1

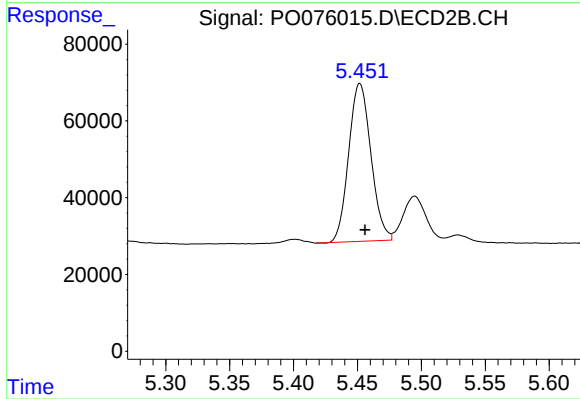
R.T.: 5.190 min  
Delta R.T.: -0.004 min  
Response: 4398  
Conc: 4.77 ng/ml



#22 AR-1248-2

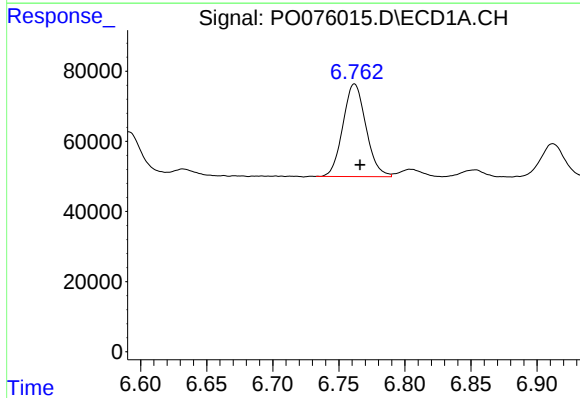
R.T.: 6.544 min  
Delta R.T.: -0.004 min  
Response: 562823  
Conc: 358.95 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



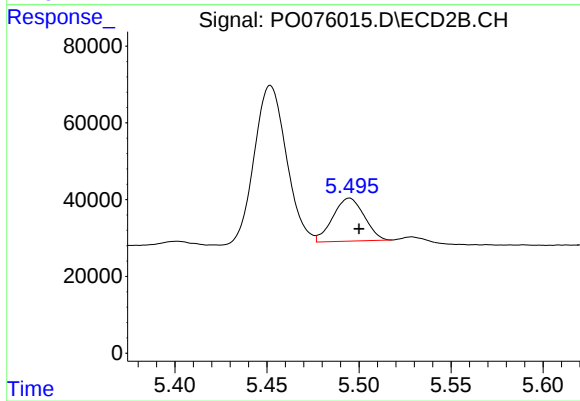
#22 AR-1248-2

R.T.: 5.452 min  
Delta R.T.: -0.004 min  
Response: 498671  
Conc: 348.53 ng/ml



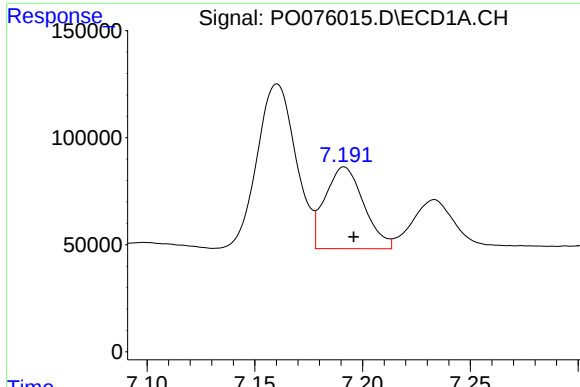
#23 AR-1248-3

R.T.: 6.762 min  
Delta R.T.: -0.004 min  
Response: 321175  
Conc: 178.81 ng/ml



#23 AR-1248-3

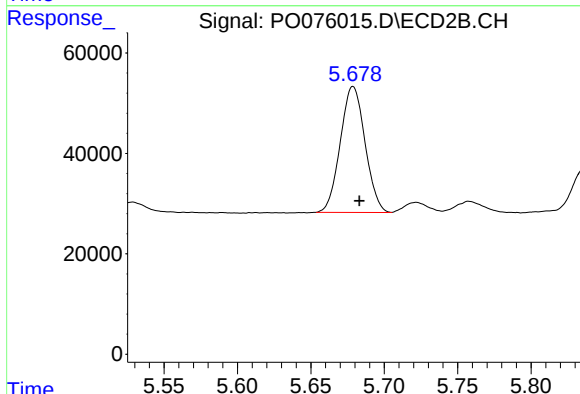
R.T.: 5.495 min  
Delta R.T.: -0.005 min  
Response: 133053  
Conc: 90.36 ng/ml



#24 AR-1248-4

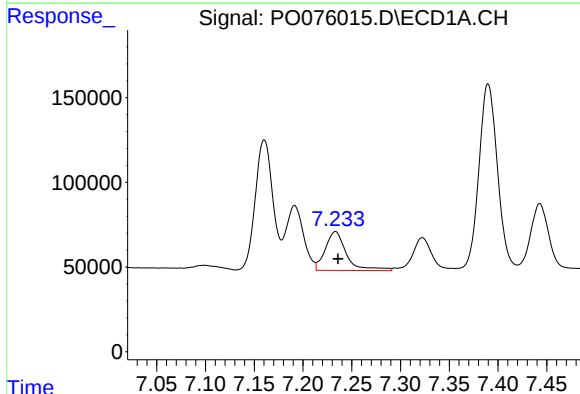
R.T.: 7.191 min  
Delta R.T.: -0.005 min  
Response: 477860  
Conc: 250.11 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



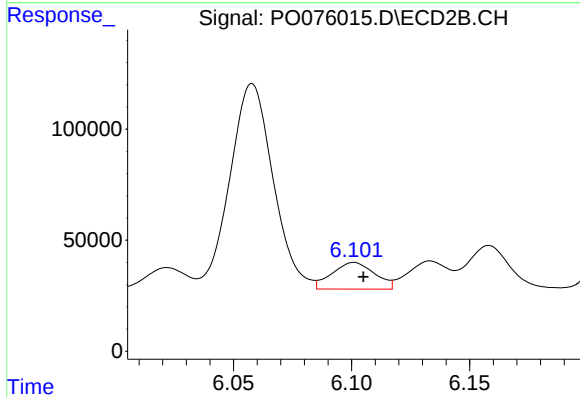
#24 AR-1248-4

R.T.: 5.679 min  
Delta R.T.: -0.004 min  
Response: 294496  
Conc: 174.32 ng/ml



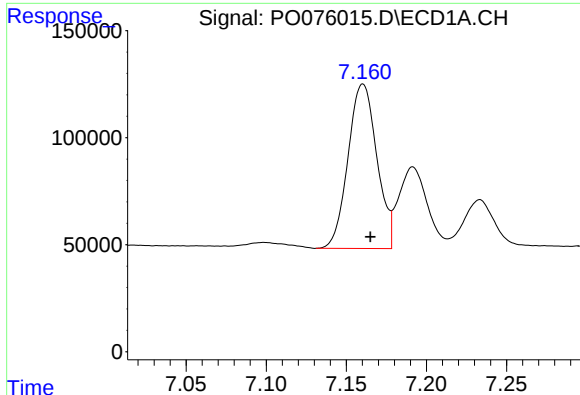
#25 AR-1248-5

R.T.: 7.233 min  
Delta R.T.: -0.003 min  
Response: 347575  
Conc: 183.59 ng/ml



#25 AR-1248-5

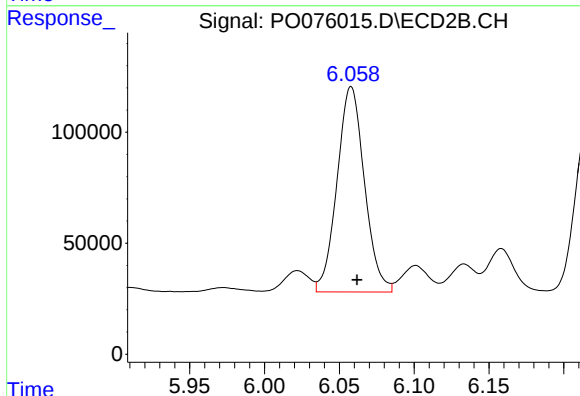
R.T.: 6.101 min  
Delta R.T.: -0.004 min  
Response: 151072  
Conc: 90.64 ng/ml



#26 AR-1254-1

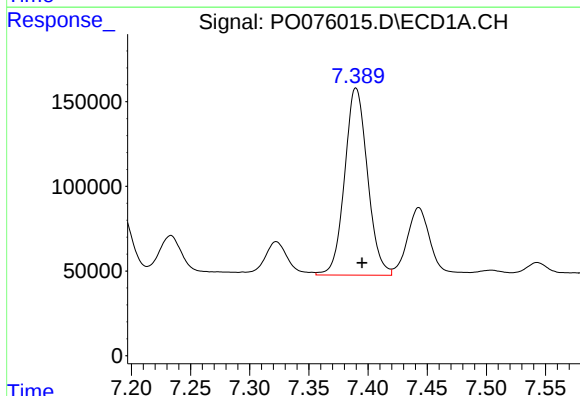
R.T.: 7.160 min  
Delta R.T.: -0.005 min  
Response: 961089  
Conc: 462.34 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



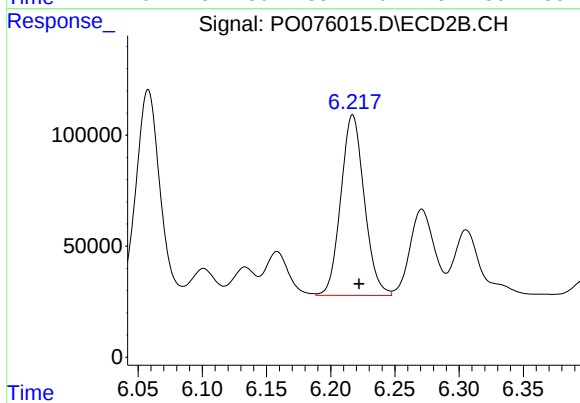
#26 AR-1254-1

R.T.: 6.058 min  
Delta R.T.: -0.004 min  
Response: 1177859  
Conc: 453.00 ng/ml



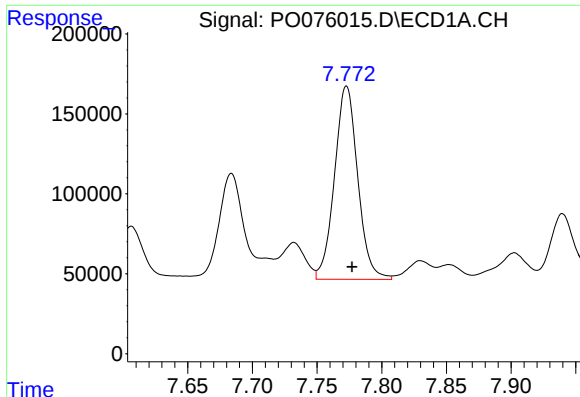
#27 AR-1254-2

R.T.: 7.390 min  
Delta R.T.: -0.005 min  
Response: 1485658  
Conc: 470.89 ng/ml



#27 AR-1254-2

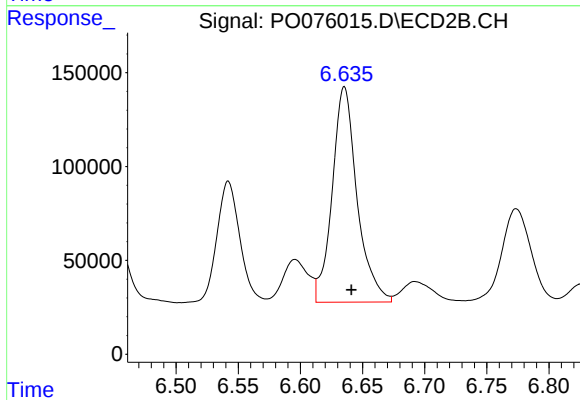
R.T.: 6.217 min  
Delta R.T.: -0.005 min  
Response: 1034797  
Conc: 450.78 ng/ml



#28 AR-1254-3

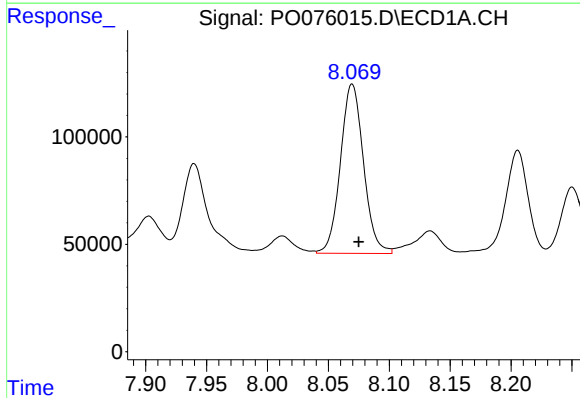
R.T.: 7.773 min  
Delta R.T.: -0.004 min  
Response: 1510337  
Conc: 484.10 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



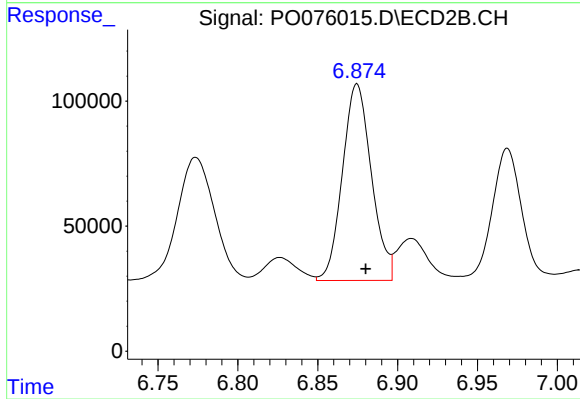
#28 AR-1254-3

R.T.: 6.635 min  
Delta R.T.: -0.006 min  
Response: 1600138  
Conc: 459.91 ng/ml



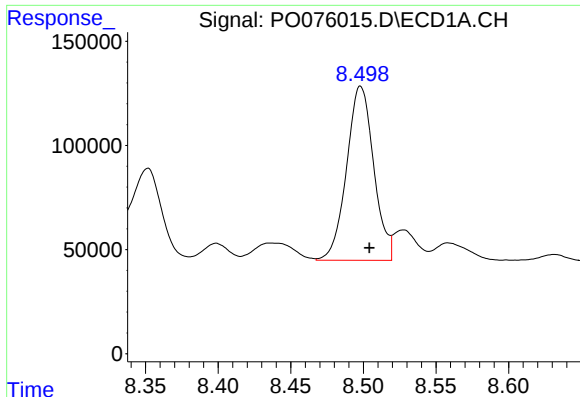
#29 AR-1254-4

R.T.: 8.070 min  
Delta R.T.: -0.005 min  
Response: 1040813  
Conc: 476.10 ng/ml



#29 AR-1254-4

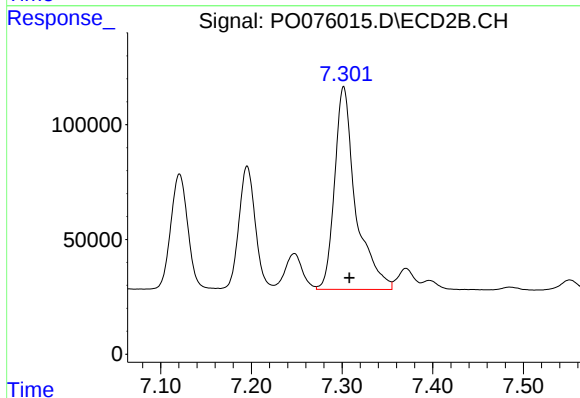
R.T.: 6.875 min  
Delta R.T.: -0.005 min  
Response: 992785  
Conc: 469.34 ng/ml



#30 AR-1254-5

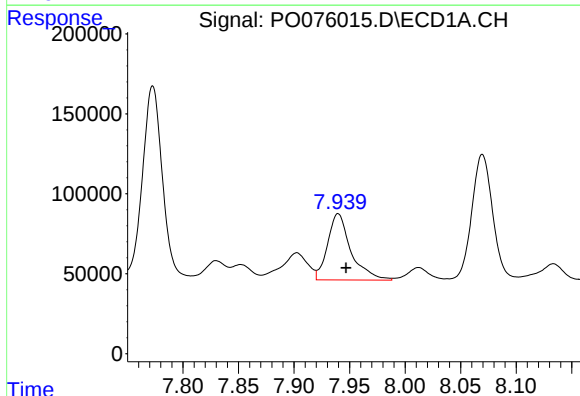
R.T.: 8.498 min  
Delta R.T.: -0.006 min  
Response: 1086195  
Conc: 477.20 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



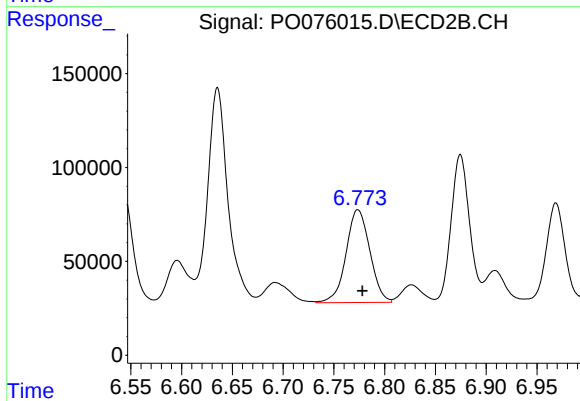
#30 AR-1254-5

R.T.: 7.302 min  
Delta R.T.: -0.006 min  
Response: 1426630  
Conc: 458.93 ng/ml



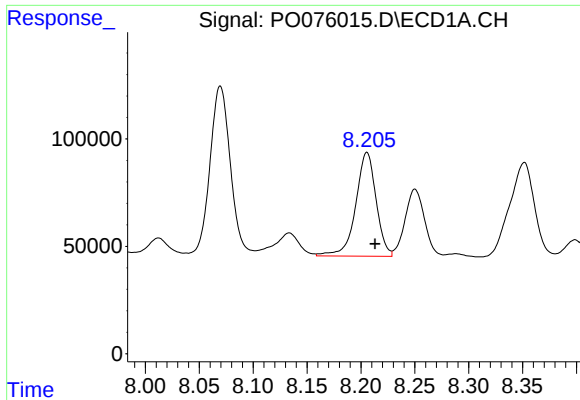
#31 AR-1260-1

R.T.: 7.940 min  
Delta R.T.: -0.007 min  
Response: 607413  
Conc: 285.56 ng/ml



#31 AR-1260-1

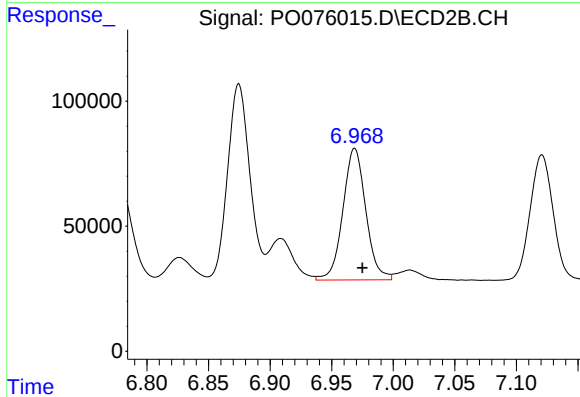
R.T.: 6.774 min  
Delta R.T.: -0.004 min  
Response: 807020  
Conc: 355.59 ng/ml



#32 AR-1260-2

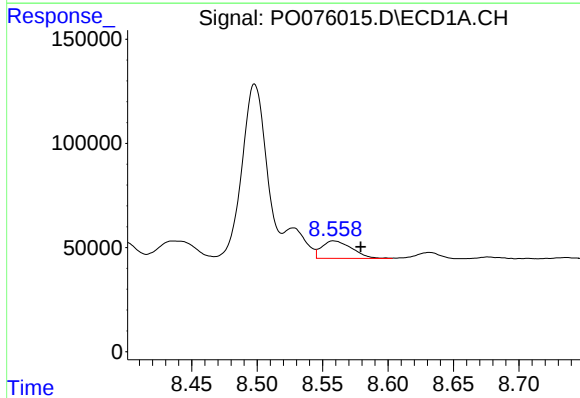
R.T.: 8.206 min  
Delta R.T.: -0.007 min  
Response: 638048  
Conc: 263.17 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



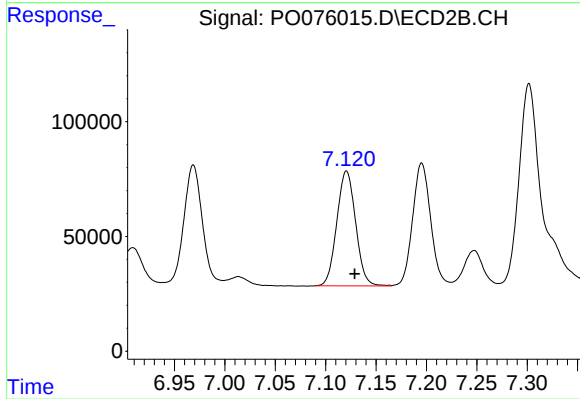
#32 AR-1260-2

R.T.: 6.969 min  
Delta R.T.: -0.006 min  
Response: 681439  
Conc: 246.23 ng/ml



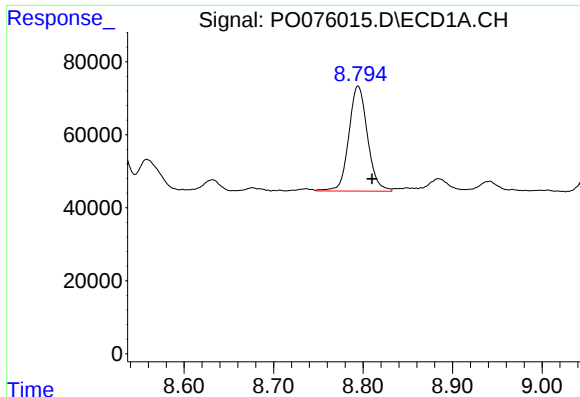
#33 AR-1260-3

R.T.: 8.558 min  
Delta R.T.: -0.021 min  
Response: 135190  
Conc: 74.36 ng/ml



#33 AR-1260-3

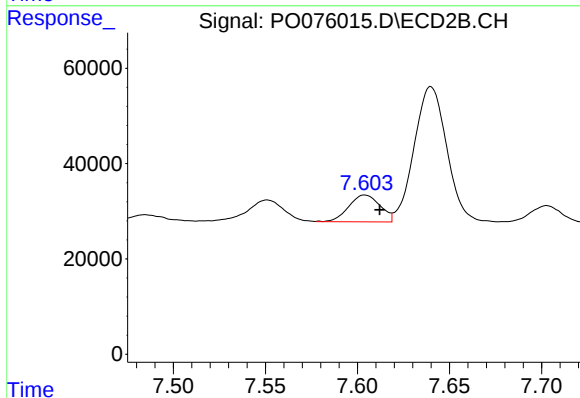
R.T.: 7.121 min  
Delta R.T.: -0.008 min  
Response: 650037  
Conc: 251.26 ng/ml



#34 AR-1260-4

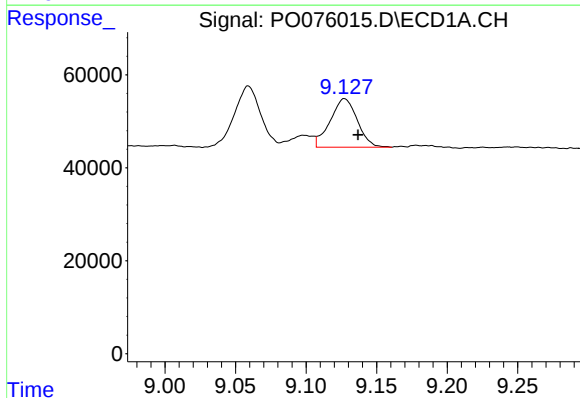
R.T.: 8.794 min  
Delta R.T.: -0.016 min  
Response: 417986  
Conc: 192.28 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



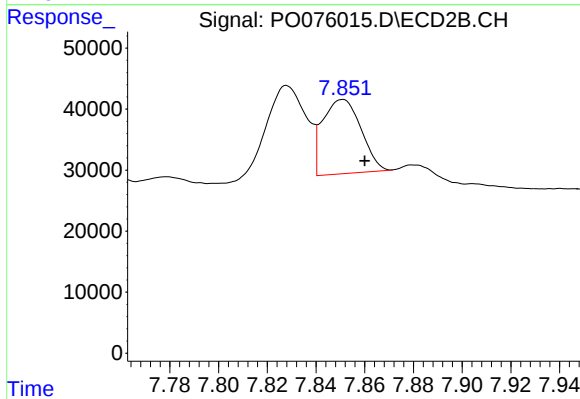
#34 AR-1260-4

R.T.: 7.604 min  
Delta R.T.: -0.008 min  
Response: 66784  
Conc: 31.63 ng/ml



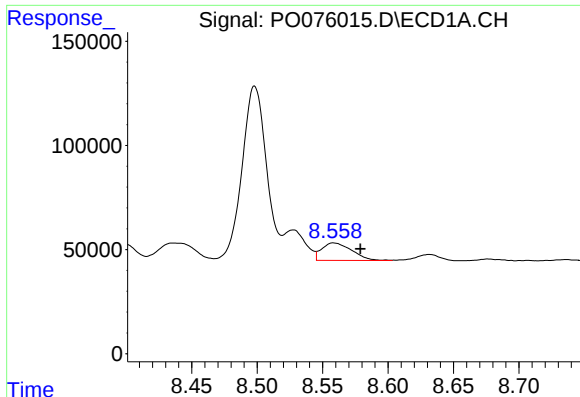
#35 AR-1260-5

R.T.: 9.127 min  
Delta R.T.: -0.010 min  
Response: 139872  
Conc: 36.74 ng/ml



#35 AR-1260-5

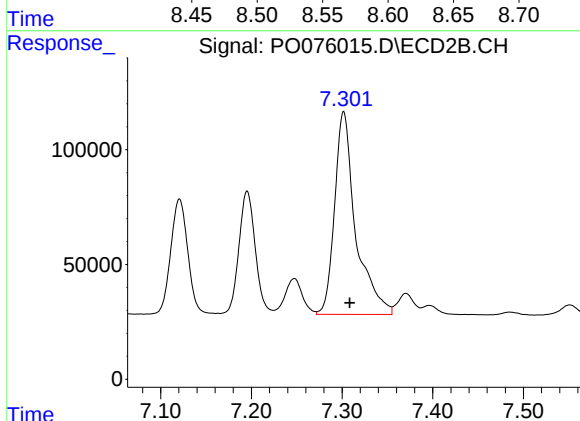
R.T.: 7.851 min  
Delta R.T.: -0.009 min  
Response: 133062  
Conc: 26.52 ng/ml



#36 AR-1262-1

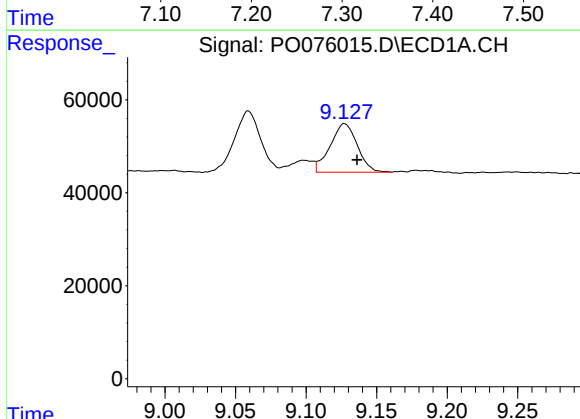
R.T.: 8.558 min  
Delta R.T.: -0.020 min  
Response: 135190  
Conc: 47.49 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



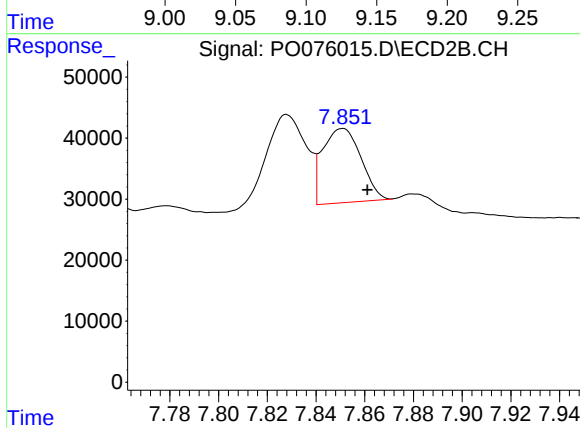
#36 AR-1262-1

R.T.: 7.302 min  
Delta R.T.: -0.007 min  
Response: 1426630  
Conc: 828.86 ng/ml



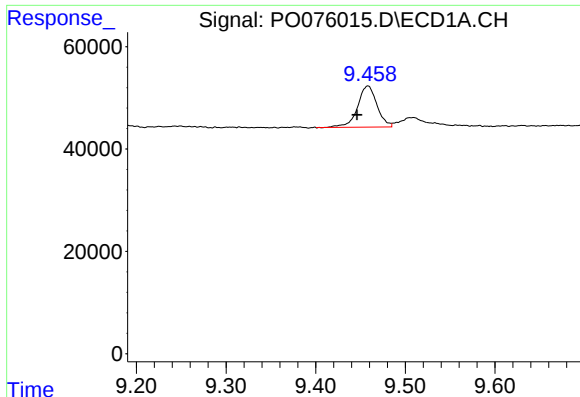
#37 AR-1262-2

R.T.: 9.127 min  
Delta R.T.: -0.009 min  
Response: 139872  
Conc: 30.69 ng/ml



#37 AR-1262-2

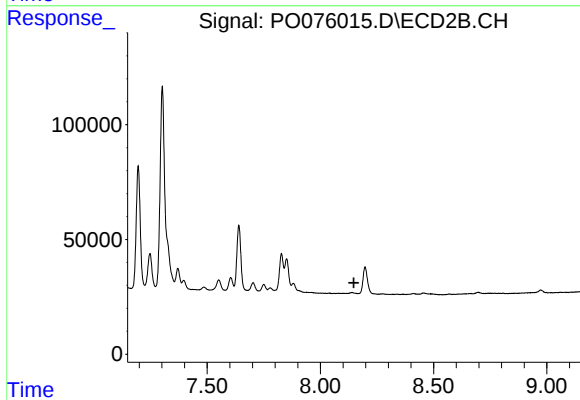
R.T.: 7.851 min  
Delta R.T.: -0.010 min  
Response: 133062  
Conc: 23.87 ng/ml



#38 AR-1262-3

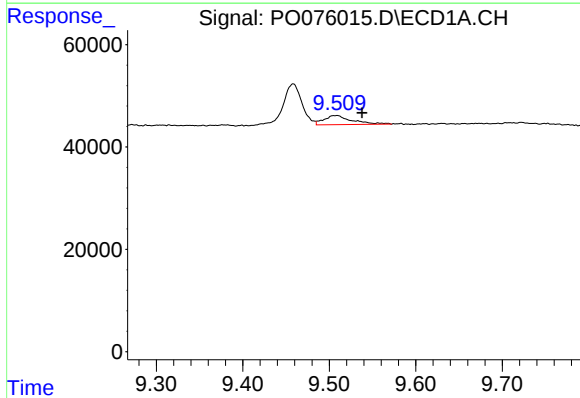
R.T.: 9.458 min  
Delta R.T.: 0.012 min  
Response: 120921  
Conc: 39.99 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



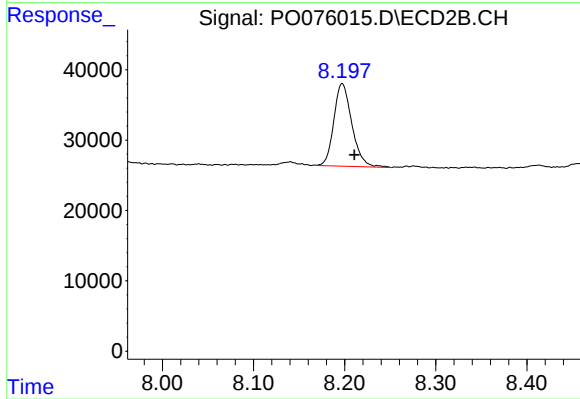
#38 AR-1262-3

R.T.: 0.000 min  
Exp R.T. : 8.148 min  
Response: 0  
Conc: N.D.



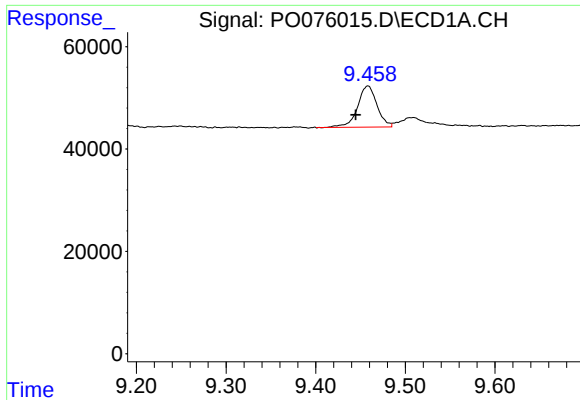
#39 AR-1262-4

R.T.: 9.509 min  
Delta R.T.: -0.029 min  
Response: 40437  
Conc: 17.70 ng/ml



#39 AR-1262-4

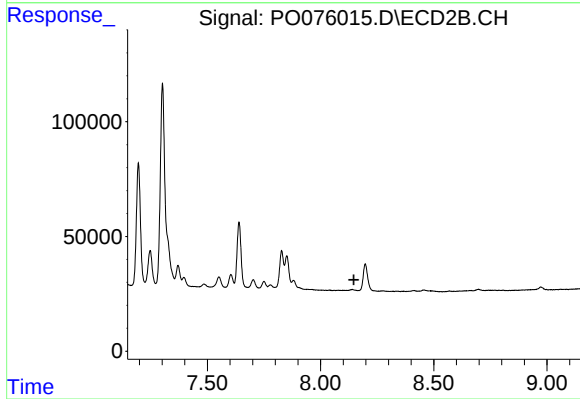
R.T.: 8.197 min  
Delta R.T.: -0.014 min  
Response: 161186  
Conc: 38.35 ng/ml



#41 AR-1268-1

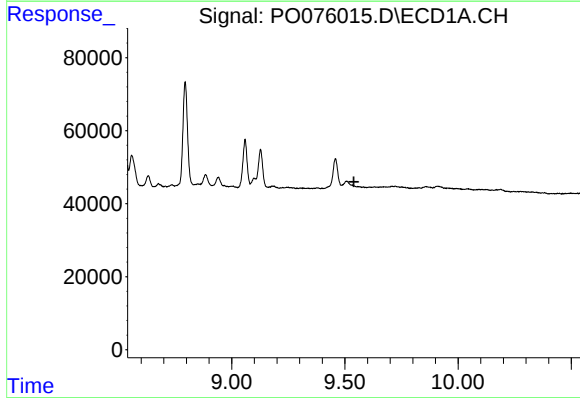
R.T.: 9.458 min  
Delta R.T.: 0.014 min  
Response: 120921  
Conc: 23.01 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



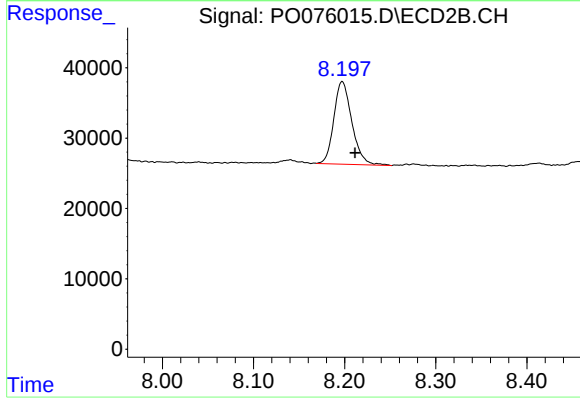
#41 AR-1268-1

R.T.: 0.000 min  
Exp R.T. : 8.147 min  
Response: 0  
Conc: N.D.



#42 AR-1268-2

R.T.: 0.000 min  
Exp R.T. : 9.540 min  
Response: 0  
Conc: N.D.



#42 AR-1268-2

R.T.: 8.197 min  
Delta R.T.: -0.014 min  
Response: 161186  
Conc: 27.22 ng/ml