

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO102621\  
 Data File : PO082162.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 26 Oct 2021 10:08  
 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: Oct 27 02:25:34 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO101821.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Oct 19 04:37:47 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... | 4.981  | 3.974 | 4068598 | 1463158 | 50.352   | 49.591   |
| 2)                          | SA Decachlor... | 11.106 | 9.304 | 2893275 | 1315621 | 52.057   | 51.654   |
| Target Compounds            |                 |        |       |         |         |          |          |
| 3)                          | L1 AR-1016-1    | 6.316  | 5.236 | 965713  | 453292  | 381.537  | 373.919  |
| 4)                          | L1 AR-1016-2    | 6.340  | 5.256 | 1353708 | 604864  | 374.669  | 365.595  |
| 5)                          | L1 AR-1016-3    | 6.406  | 5.447 | 842379  | 336843  | 395.135  | 378.480  |
| 6)                          | L1 AR-1016-4    | 6.514  | 5.501 | 671911  | 283592  | 382.297  | 390.365  |
| 7)                          | L1 AR-1016-5    | 6.833  | 5.729 | 697084  | 365996  | 408.484  | 410.737  |
| 8)                          | L2 AR-1221-1    | 5.229  | 4.231 | 127991  | 46648   | 148.102  | 126.346  |
| 9)                          | L2 AR-1221-2    | 5.336  | 4.332 | 162840  | 66159   | 253.402  | 236.226  |
| 10)                         | L2 AR-1221-3    | 5.423  | 4.421 | 557630  | 243935  | 273.614  | 289.311  |
| 11)                         | L3 AR-1232-1    | 5.423  | 4.421 | 557630  | 243935  | 369.739  | 370.636  |
| 12)                         | L3 AR-1232-2    | 6.018  | 5.256 | 725205  | 604864  | 885.171  | 846.623  |
| 13)                         | L3 AR-1232-3    | 6.340  | 5.447 | 1353708 | 336843  | 916.053  | 888.742  |
| 14)                         | L3 AR-1232-4    | 6.514  | 5.545 | 671911  | 332798  | 949.024  | 948.338  |
| 15)                         | L3 AR-1232-5    | 6.614  | 5.729 | 565525  | 365996  | 1114.538 | 963.841  |
| 16)                         | L4 AR-1242-1    | 6.316  | 5.236 | 965713  | 453292  | 508.717  | 495.208  |
| 17)                         | L4 AR-1242-2    | 6.340  | 5.256 | 1353708 | 604864  | 504.368  | 492.926  |
| 18)                         | L4 AR-1242-3    | 6.406  | 5.447 | 842379  | 336843  | 520.807  | 500.667  |
| 19)                         | L4 AR-1242-4    | 6.514  | 5.545 | 671911  | 332798  | 526.270  | 495.774  |
| 20)                         | L4 AR-1242-5    | 7.304  | 6.111 | 653815  | 452305  | 514.053  | 526.398  |
| 21)                         | L5 AR-1248-1    | 6.316  | 5.236 | 965713  | 453292  | 648.927  | 620.527  |
| 22)                         | L5 AR-1248-2    | 6.614  | 5.501 | 565525  | 283592  | 290.832  | 294.908  |
| 23)                         | L5 AR-1248-3    | 6.833  | 5.545 | 697084  | 332798  | 320.899  | 337.685  |
| 24)                         | L5 AR-1248-4    | 7.265  | 5.729 | 638416  | 365996  | 270.596  | 318.407  |
| 25)                         | L5 AR-1248-5    | 7.304  | 6.154 | 653815  | 345778  | 293.390  | 318.274  |
| 26)                         | L6 AR-1254-1    | 7.234  | 6.111 | 536722  | 452305  | 224.111  | 271.596  |
| 27)                         | L6 AR-1254-2    | 7.470  | 6.271 | 625406  | 138423  | 171.454  | 92.716 # |
| 28)                         | L6 AR-1254-3    | 7.850  | 6.693 | 285829  | 176070  | 78.984   | 78.627   |
| 29)                         | L6 AR-1254-4    | 8.149  | 6.934 | 203481  | 122833  | 75.509   | 83.634   |
| 30)                         | L6 AR-1254-5    | 8.582  | 7.365 | 91999   | 76279   | 31.588   | 37.041   |
| 31)                         | L7 AR-1260-1    | 8.019  | 6.838 | 49341   | 109098  | 17.482   | 65.906 # |
| 32)                         | L7 AR-1260-2    | 8.287  | 7.031 | 75809   | 34343   | 22.788   | 17.122   |
| 33)                         | L7 AR-1260-3    | 0.000  | 7.183 | 0       | 42020   | N.D.     | 22.181 # |
| 34)                         | L7 AR-1260-4    | 8.880  | 0.000 | 42344   | 0       | 15.995   | N.D. #   |
| 36)                         | L8 AR-1262-1    | 0.000  | 7.365 | 0       | 76279   | N.D.     | 69.149 # |
| 38)                         | L8 AR-1262-3    | 9.534  | 0.000 | 7871    | 0       | 2.862    | N.D. #   |
| 41)                         | L9 AR-1268-1    | 9.534  | 0.000 | 7871    | 0       | 1.054    | N.D. #   |
| 45)                         | L9 AR-1268-5    | 10.761 | 0.000 | 13539   | 0       | 0.673    | N.D. #   |
| -----                       |                 |        |       |         |         |          |          |

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

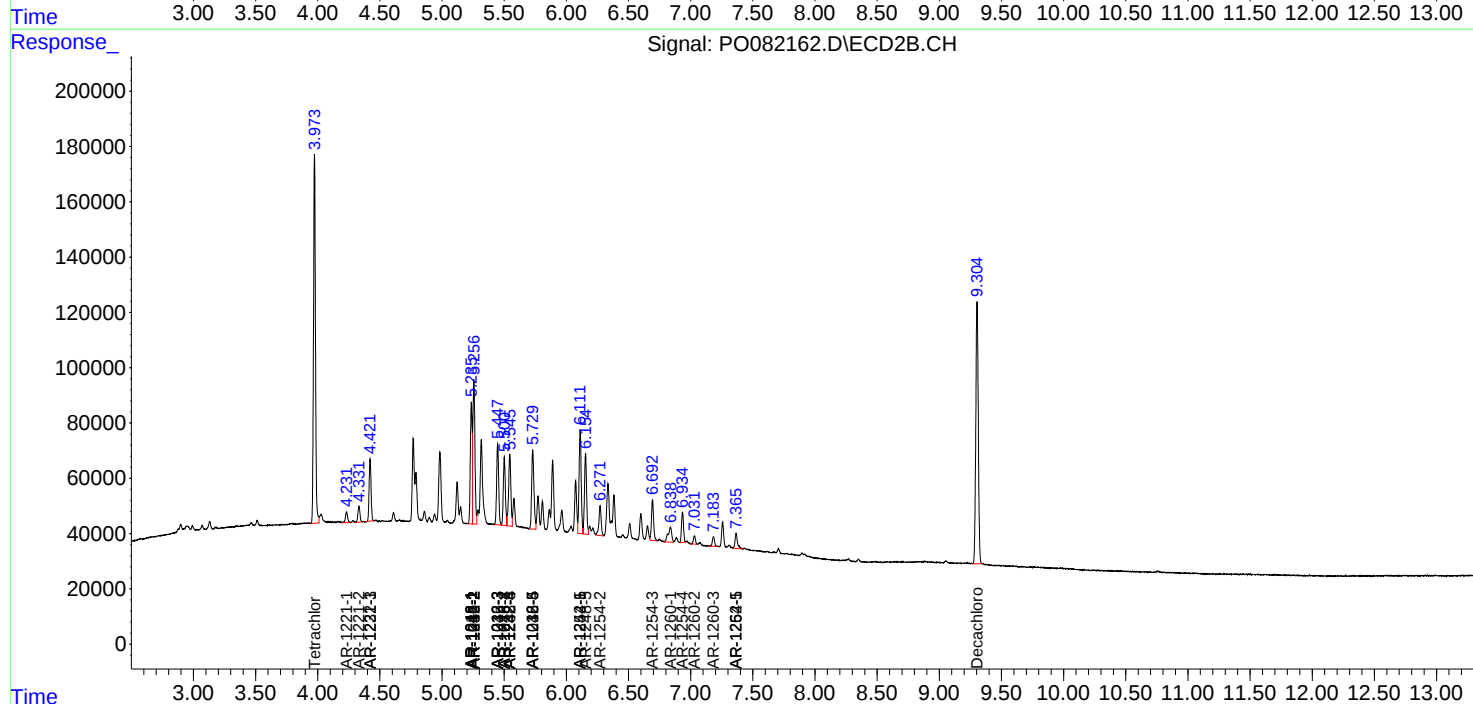
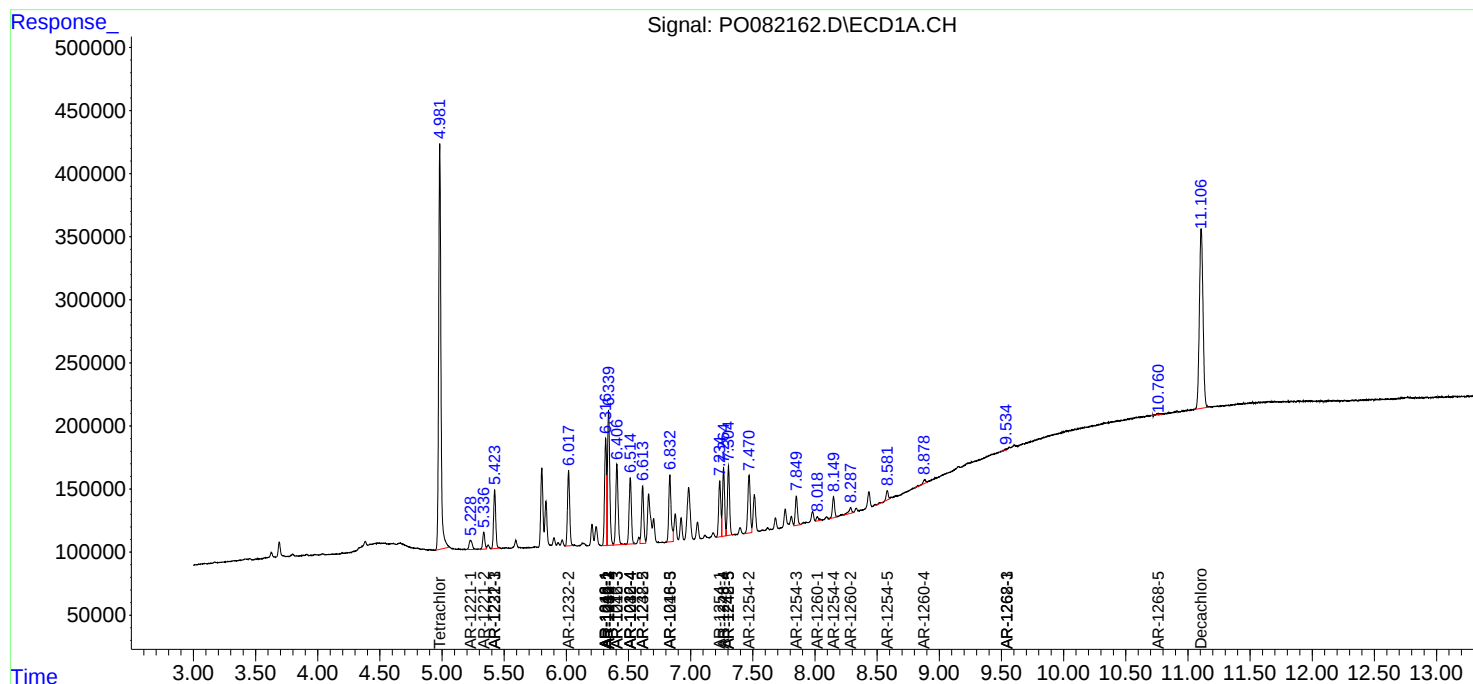
Instrument :  
ECD\_O  
ClientSampleId :

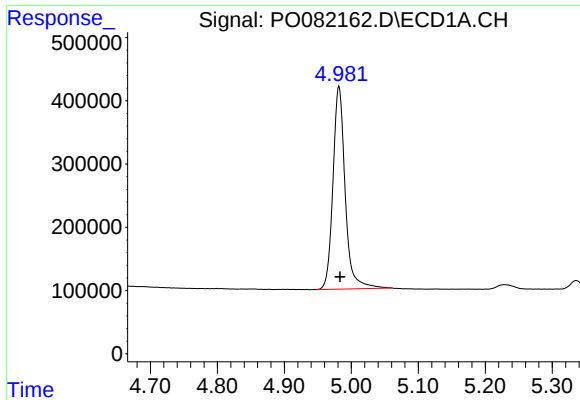
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO102621\  
Data File : P0082162.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 26 Oct 2021 10:08  
Operator : AJ\MA  
Sample : AR1242CCC500  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampled :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 27 02:25:34 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO101821.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Oct 19 04:37:47 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

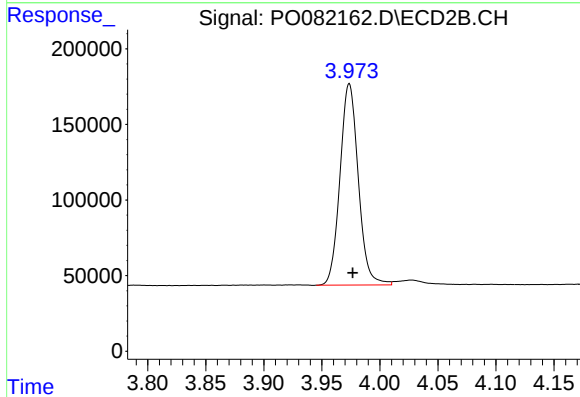




#1 Tetrachloro-m-xylene

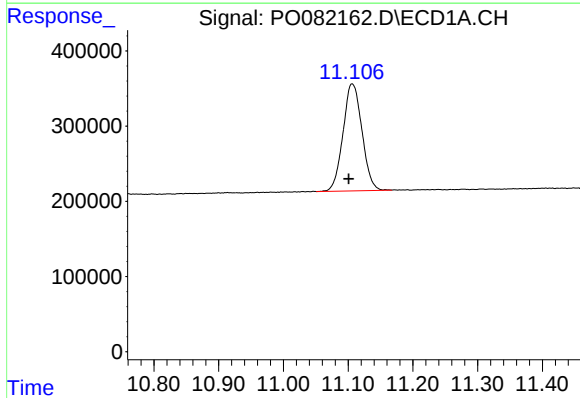
R.T.: 4.981 min  
Delta R.T.: -0.002 min  
Response: 4068598  
Conc: 50.35 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



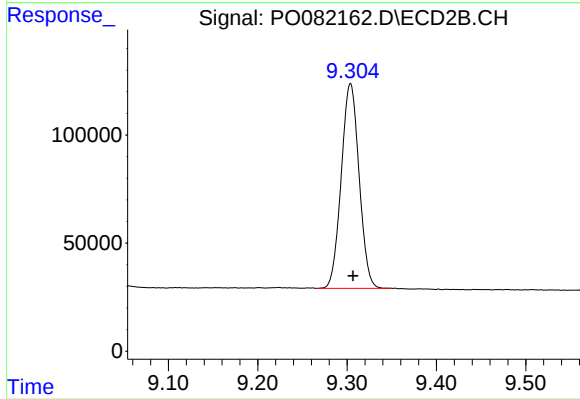
#1 Tetrachloro-m-xylene

R.T.: 3.974 min  
Delta R.T.: -0.003 min  
Response: 1463158  
Conc: 49.59 ng/ml



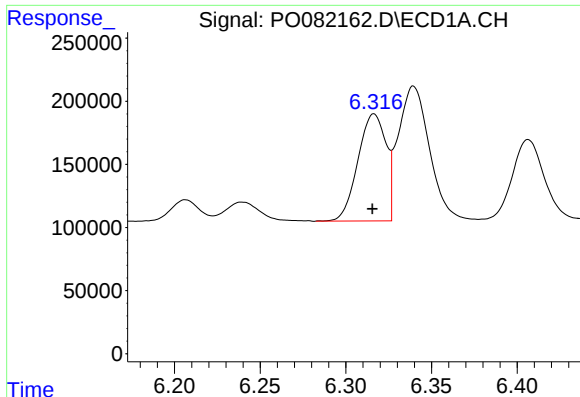
#2 Decachlorobiphenyl

R.T.: 11.106 min  
Delta R.T.: 0.005 min  
Response: 2893275  
Conc: 52.06 ng/ml



#2 Decachlorobiphenyl

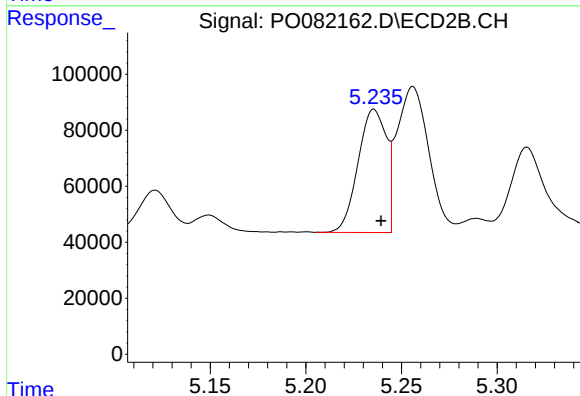
R.T.: 9.304 min  
Delta R.T.: -0.003 min  
Response: 1315621  
Conc: 51.65 ng/ml



#3 AR-1016-1

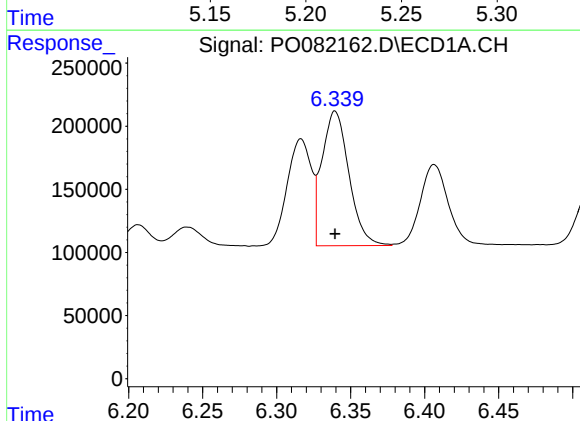
R.T.: 6.316 min  
Delta R.T.: 0.000 min  
Response: 965713  
Conc: 381.54 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



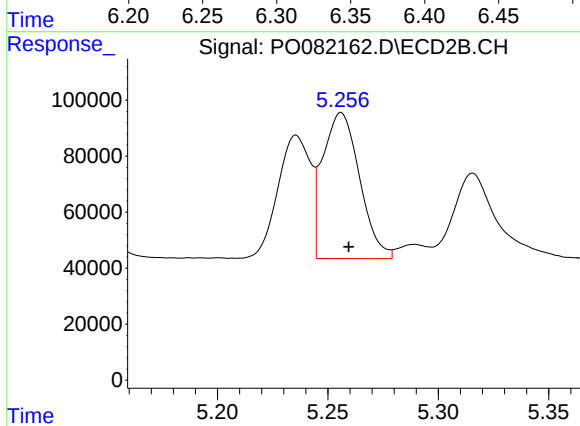
#3 AR-1016-1

R.T.: 5.236 min  
Delta R.T.: -0.004 min  
Response: 453292  
Conc: 373.92 ng/ml



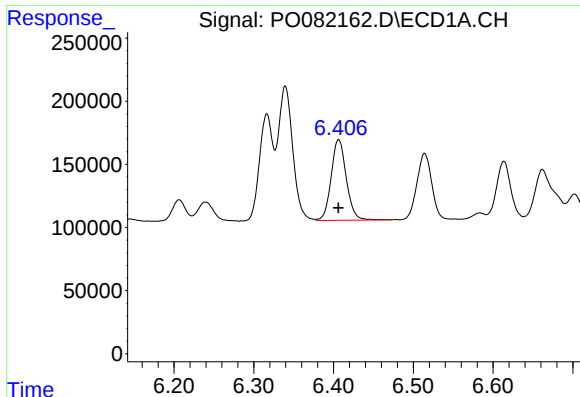
#4 AR-1016-2

R.T.: 6.340 min  
Delta R.T.: 0.000 min  
Response: 1353708  
Conc: 374.67 ng/ml



#4 AR-1016-2

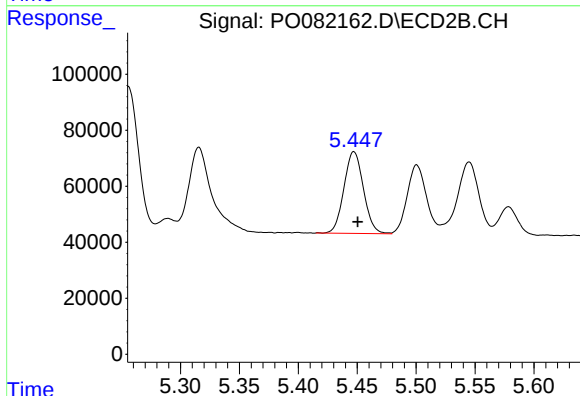
R.T.: 5.256 min  
Delta R.T.: -0.003 min  
Response: 604864  
Conc: 365.60 ng/ml



#5 AR-1016-3

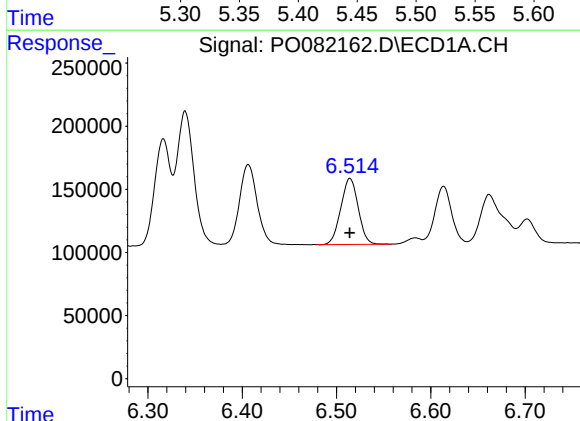
R.T.: 6.406 min  
Delta R.T.: 0.000 min  
Response: 842379  
Conc: 395.13 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



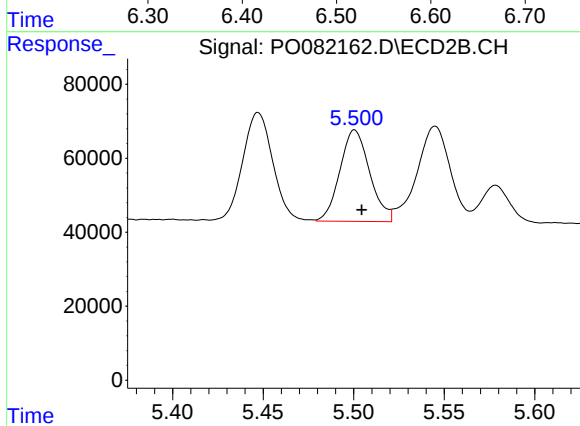
#5 AR-1016-3

R.T.: 5.447 min  
Delta R.T.: -0.003 min  
Response: 336843  
Conc: 378.48 ng/ml



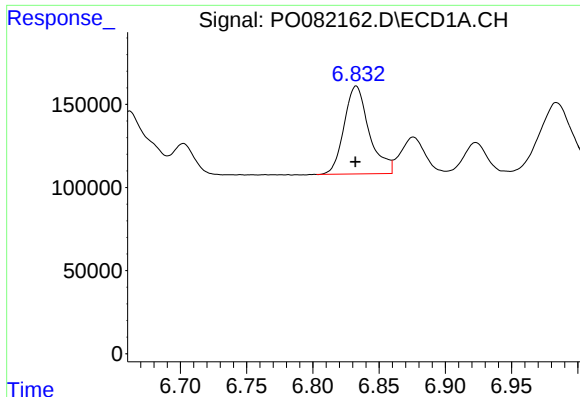
#6 AR-1016-4

R.T.: 6.514 min  
Delta R.T.: 0.000 min  
Response: 671911  
Conc: 382.30 ng/ml



#6 AR-1016-4

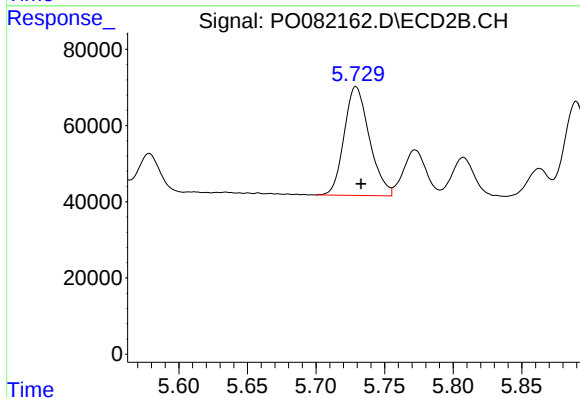
R.T.: 5.501 min  
Delta R.T.: -0.004 min  
Response: 283592  
Conc: 390.36 ng/ml



#7 AR-1016-5

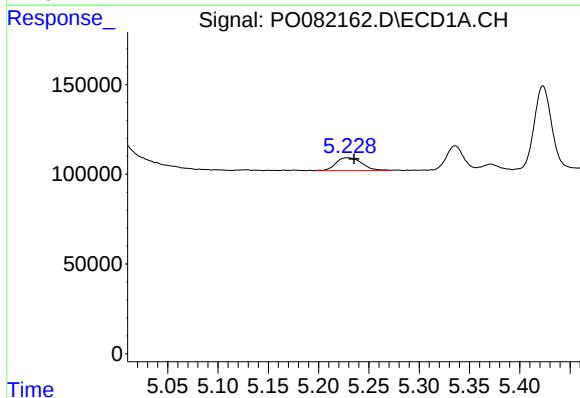
R.T.: 6.833 min  
Delta R.T.: 0.000 min  
Response: 697084  
Conc: 408.48 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



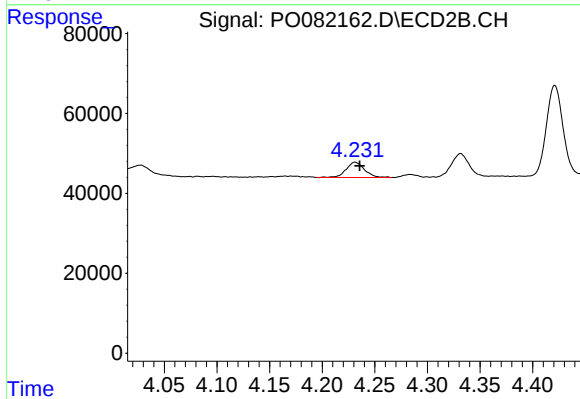
#7 AR-1016-5

R.T.: 5.729 min  
Delta R.T.: -0.004 min  
Response: 365996  
Conc: 410.74 ng/ml



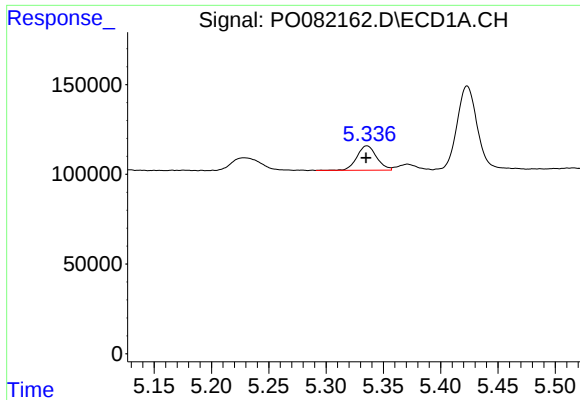
#8 AR-1221-1

R.T.: 5.229 min  
Delta R.T.: -0.007 min  
Response: 127991  
Conc: 148.10 ng/ml



#8 AR-1221-1

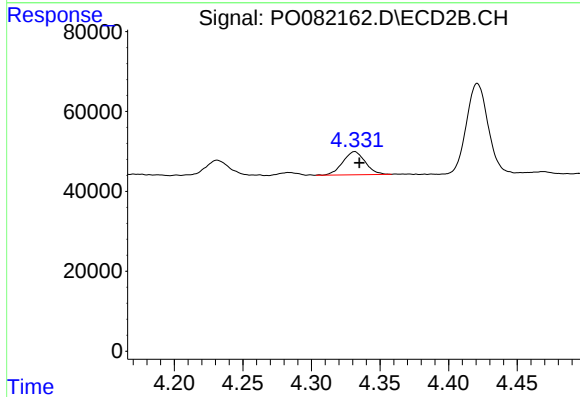
R.T.: 4.231 min  
Delta R.T.: -0.004 min  
Response: 46648  
Conc: 126.35 ng/ml



#9 AR-1221-2

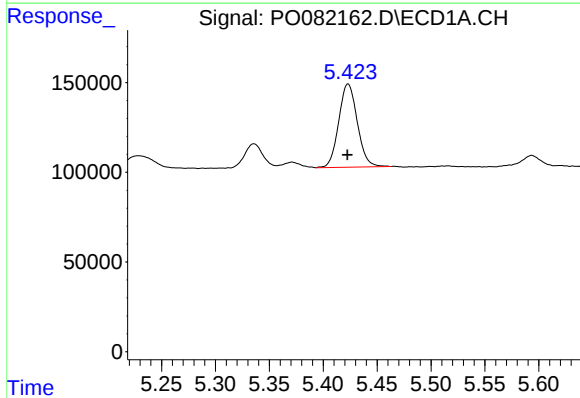
R.T.: 5.336 min  
Delta R.T.: 0.000 min  
Response: 162840  
Conc: 253.40 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



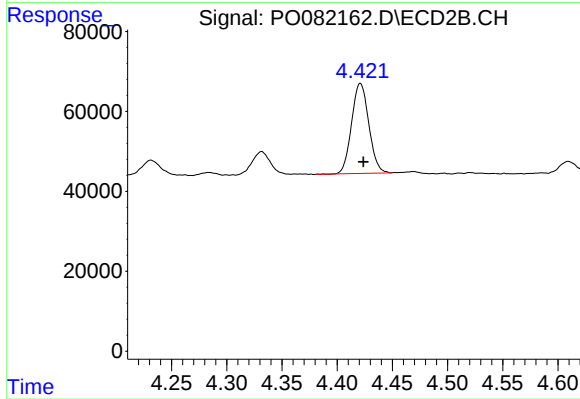
#9 AR-1221-2

R.T.: 4.332 min  
Delta R.T.: -0.003 min  
Response: 66159  
Conc: 236.23 ng/ml



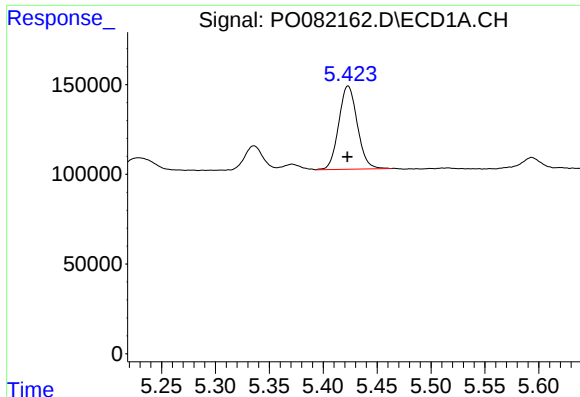
#10 AR-1221-3

R.T.: 5.423 min  
Delta R.T.: 0.000 min  
Response: 557630  
Conc: 273.61 ng/ml



#10 AR-1221-3

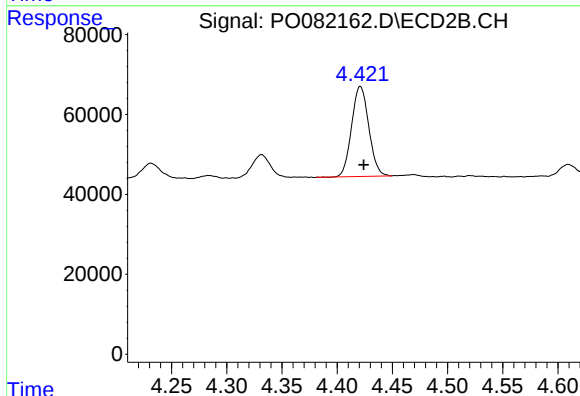
R.T.: 4.421 min  
Delta R.T.: -0.003 min  
Response: 243935  
Conc: 289.31 ng/ml



#11 AR-1232-1

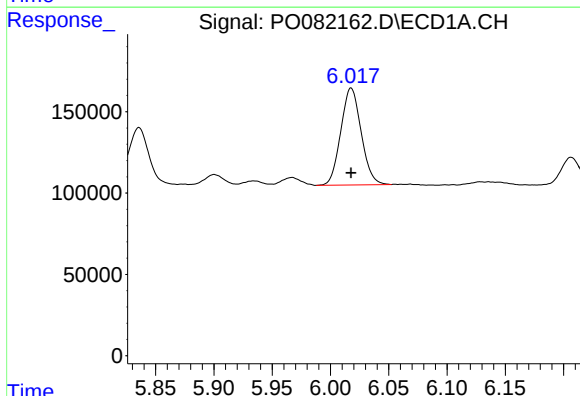
R.T.: 5.423 min  
Delta R.T.: 0.000 min  
Response: 557630  
Conc: 369.74 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



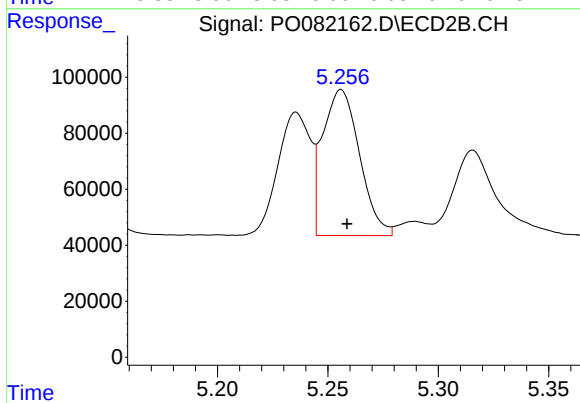
#11 AR-1232-1

R.T.: 4.421 min  
Delta R.T.: -0.003 min  
Response: 243935  
Conc: 370.64 ng/ml



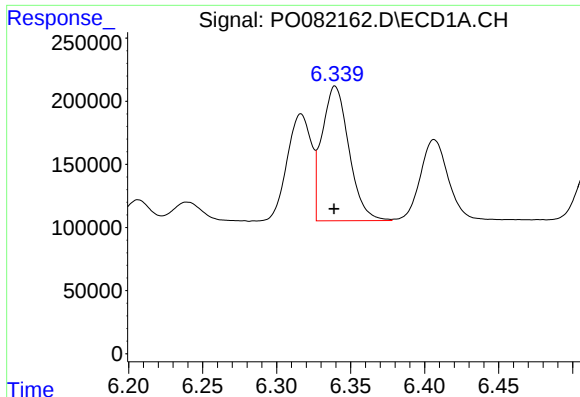
#12 AR-1232-2

R.T.: 6.018 min  
Delta R.T.: 0.000 min  
Response: 725205  
Conc: 885.17 ng/ml



#12 AR-1232-2

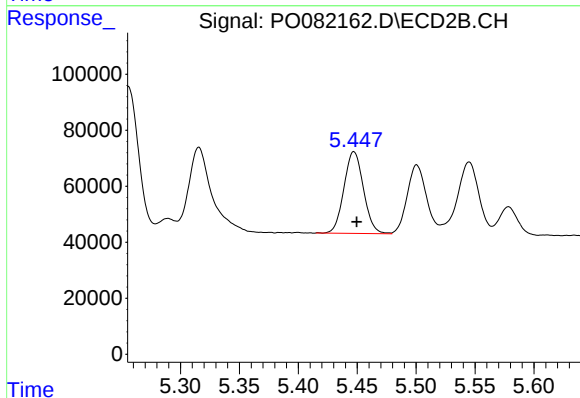
R.T.: 5.256 min  
Delta R.T.: -0.003 min  
Response: 604864  
Conc: 846.62 ng/ml



#13 AR-1232-3

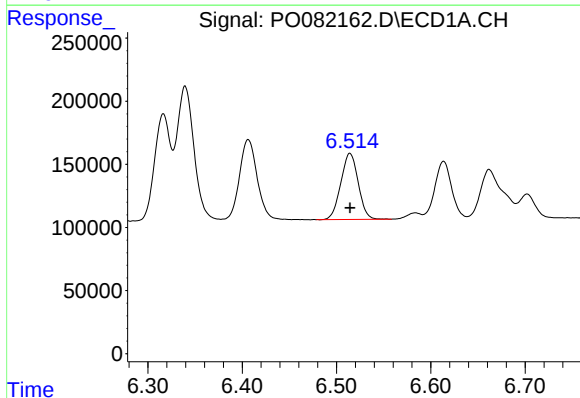
R.T.: 6.340 min  
Delta R.T.: 0.000 min  
Response: 1353708  
Conc: 916.05 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



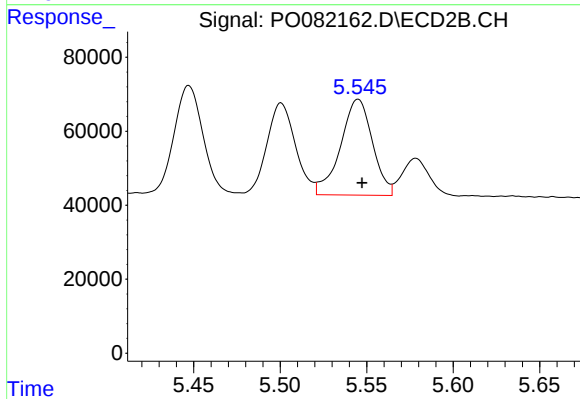
#13 AR-1232-3

R.T.: 5.447 min  
Delta R.T.: -0.002 min  
Response: 336843  
Conc: 888.74 ng/ml



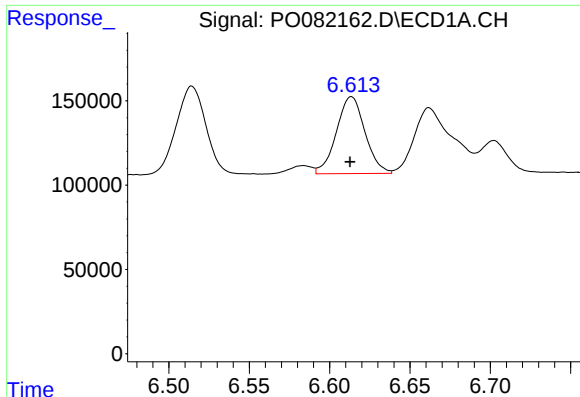
#14 AR-1232-4

R.T.: 6.514 min  
Delta R.T.: 0.000 min  
Response: 671911  
Conc: 949.02 ng/ml



#14 AR-1232-4

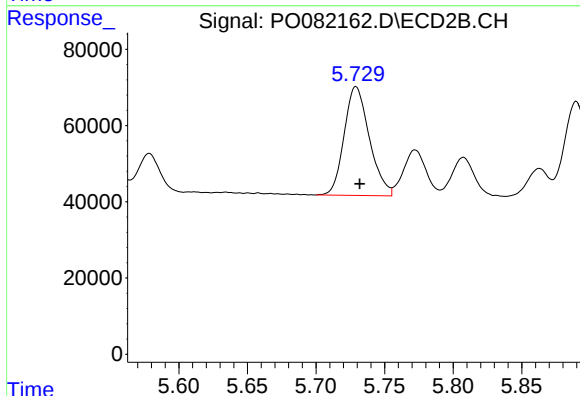
R.T.: 5.545 min  
Delta R.T.: -0.002 min  
Response: 332798  
Conc: 948.34 ng/ml



#15 AR-1232-5

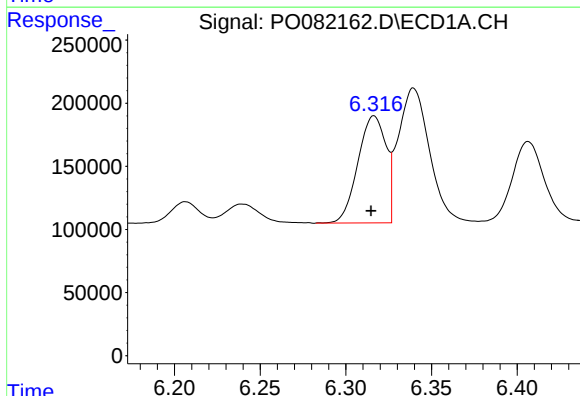
R.T.: 6.614 min  
Delta R.T.: 0.000 min  
Response: 565525  
Conc: 1114.54 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



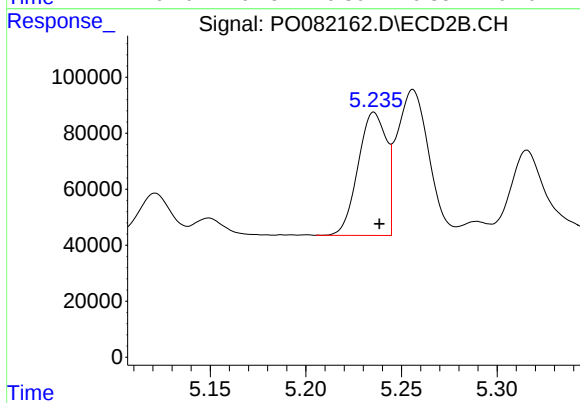
#15 AR-1232-5

R.T.: 5.729 min  
Delta R.T.: -0.003 min  
Response: 365996  
Conc: 963.84 ng/ml



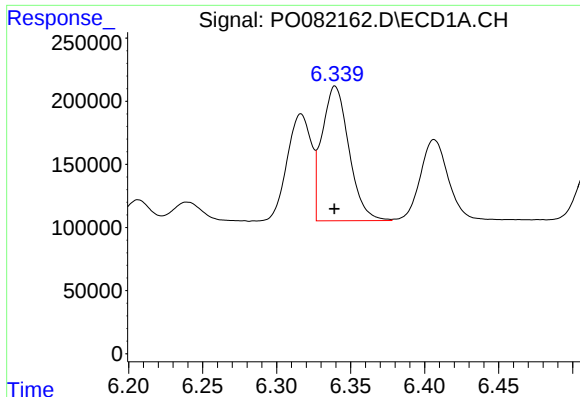
#16 AR-1242-1

R.T.: 6.316 min  
Delta R.T.: 0.002 min  
Response: 965713  
Conc: 508.72 ng/ml



#16 AR-1242-1

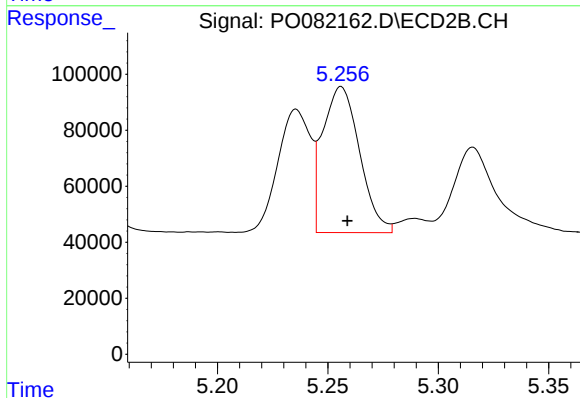
R.T.: 5.236 min  
Delta R.T.: -0.003 min  
Response: 453292  
Conc: 495.21 ng/ml



#17 AR-1242-2

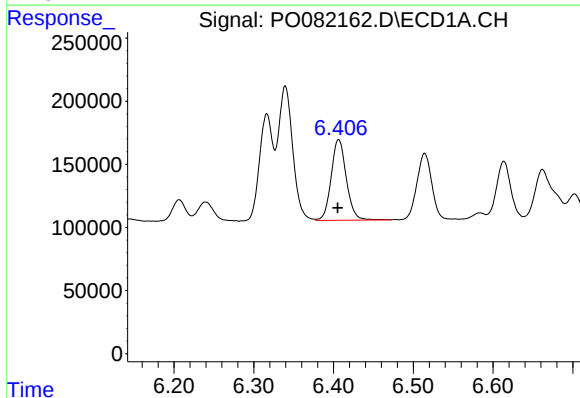
R.T.: 6.340 min  
Delta R.T.: 0.000 min  
Response: 1353708  
Conc: 504.37 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



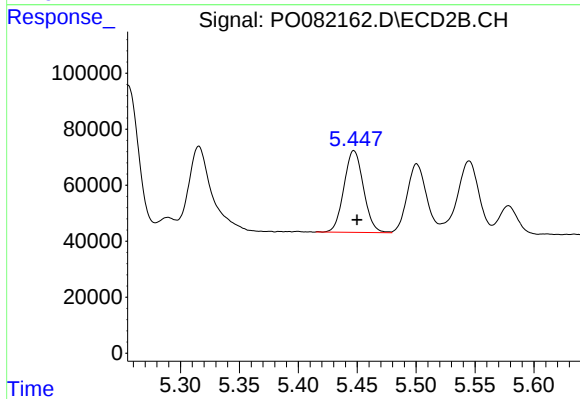
#17 AR-1242-2

R.T.: 5.256 min  
Delta R.T.: -0.003 min  
Response: 604864  
Conc: 492.93 ng/ml



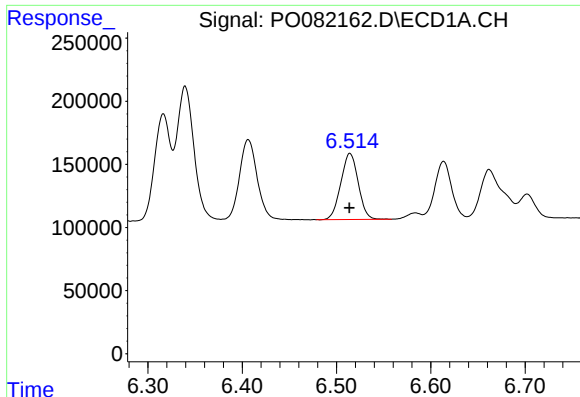
#18 AR-1242-3

R.T.: 6.406 min  
Delta R.T.: 0.000 min  
Response: 842379  
Conc: 520.81 ng/ml



#18 AR-1242-3

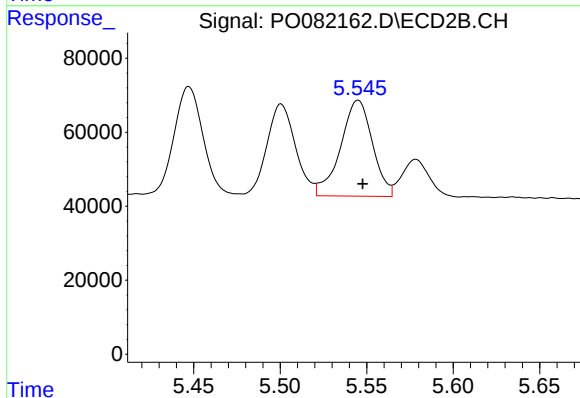
R.T.: 5.447 min  
Delta R.T.: -0.003 min  
Response: 336843  
Conc: 500.67 ng/ml



#19 AR-1242-4

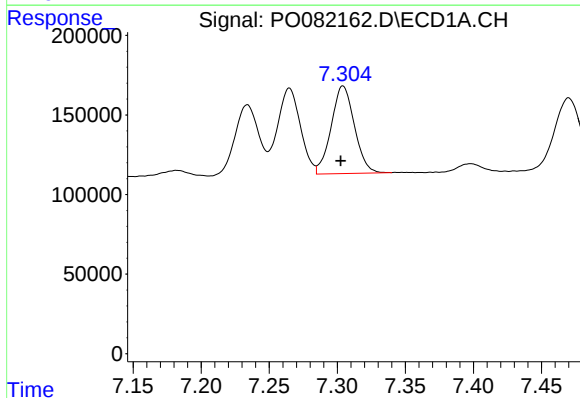
R.T.: 6.514 min  
Delta R.T.: 0.000 min  
Response: 671911  
Conc: 526.27 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



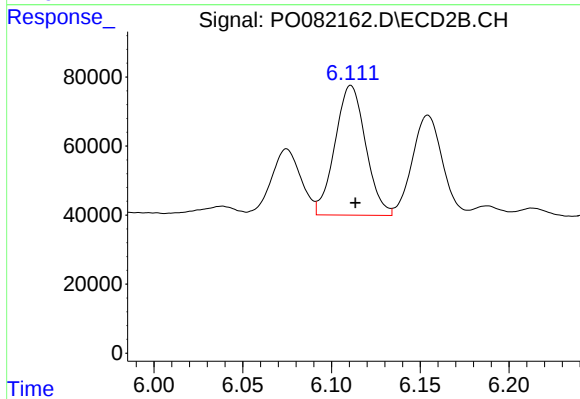
#19 AR-1242-4

R.T.: 5.545 min  
Delta R.T.: -0.003 min  
Response: 332798  
Conc: 495.77 ng/ml



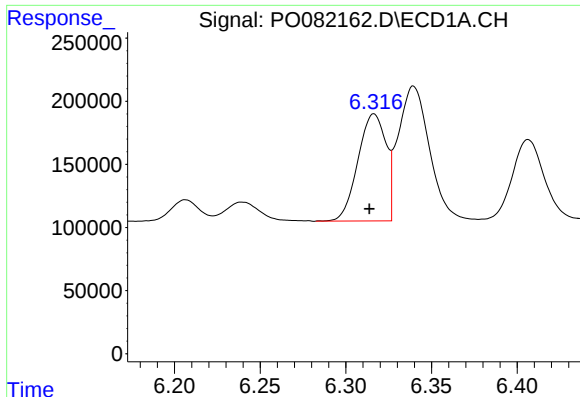
#20 AR-1242-5

R.T.: 7.304 min  
Delta R.T.: 0.002 min  
Response: 653815  
Conc: 514.05 ng/ml



#20 AR-1242-5

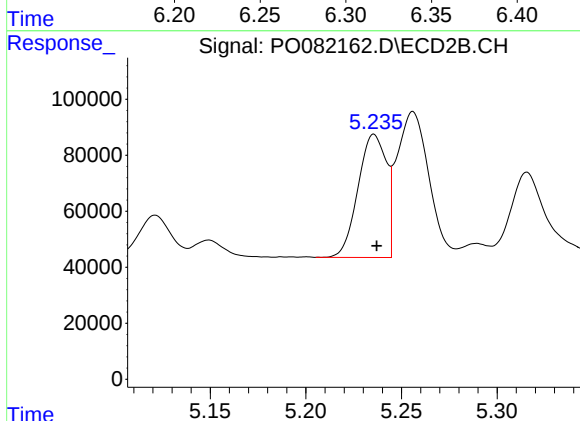
R.T.: 6.111 min  
Delta R.T.: -0.003 min  
Response: 452305  
Conc: 526.40 ng/ml



#21 AR-1248-1

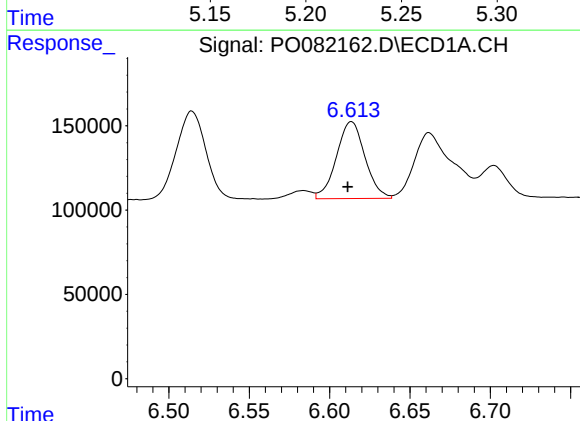
R.T.: 6.316 min  
Delta R.T.: 0.003 min  
Response: 965713  
Conc: 648.93 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



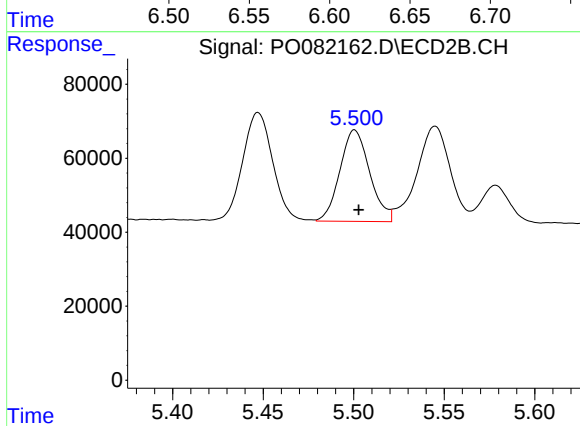
#21 AR-1248-1

R.T.: 5.236 min  
Delta R.T.: -0.001 min  
Response: 453292  
Conc: 620.53 ng/ml



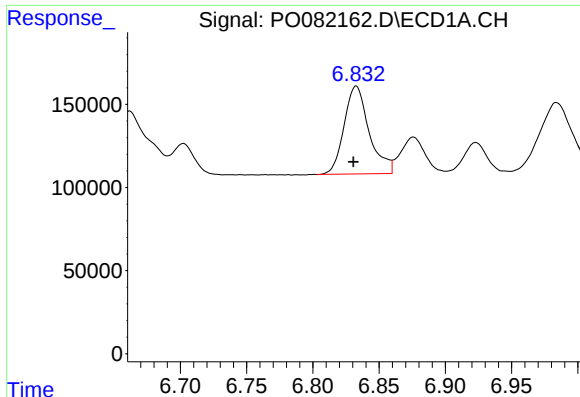
#22 AR-1248-2

R.T.: 6.614 min  
Delta R.T.: 0.002 min  
Response: 565525  
Conc: 290.83 ng/ml



#22 AR-1248-2

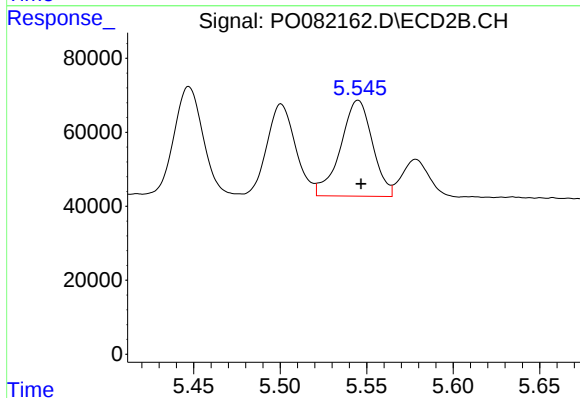
R.T.: 5.501 min  
Delta R.T.: -0.002 min  
Response: 283592  
Conc: 294.91 ng/ml



#23 AR-1248-3

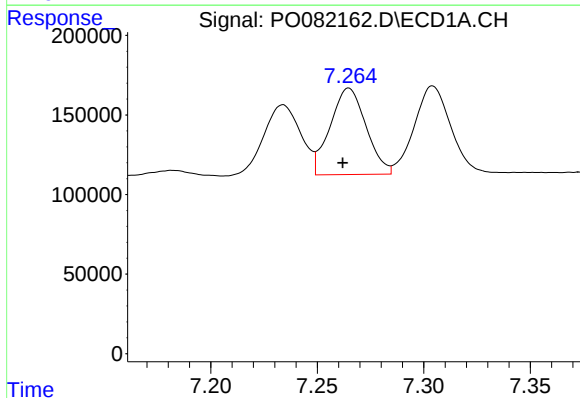
R.T.: 6.833 min  
Delta R.T.: 0.002 min  
Response: 697084  
Conc: 320.90 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



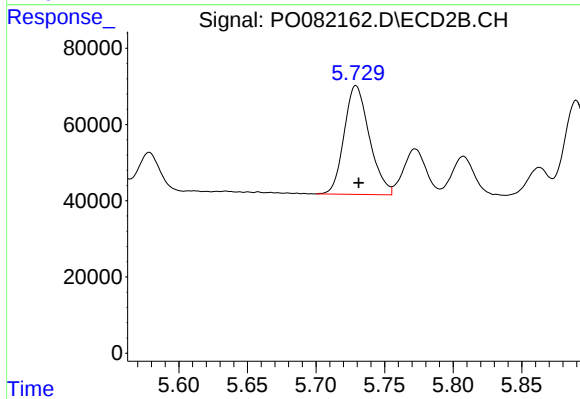
#23 AR-1248-3

R.T.: 5.545 min  
Delta R.T.: -0.002 min  
Response: 332798  
Conc: 337.68 ng/ml



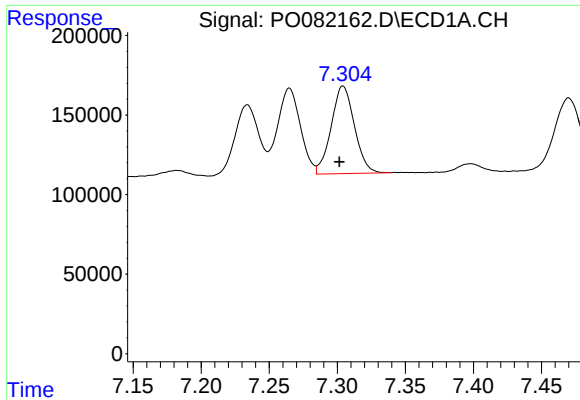
#24 AR-1248-4

R.T.: 7.265 min  
Delta R.T.: 0.003 min  
Response: 638416  
Conc: 270.60 ng/ml



#24 AR-1248-4

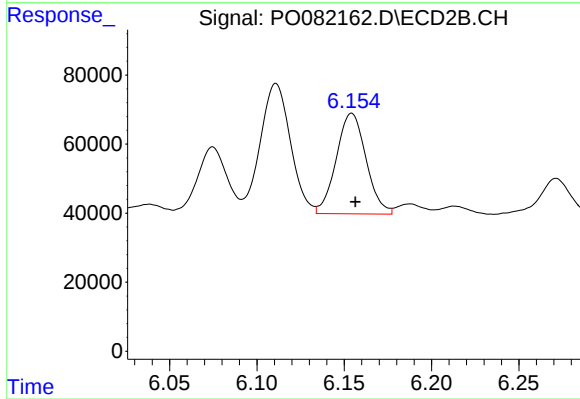
R.T.: 5.729 min  
Delta R.T.: -0.002 min  
Response: 365996  
Conc: 318.41 ng/ml



#25 AR-1248-5

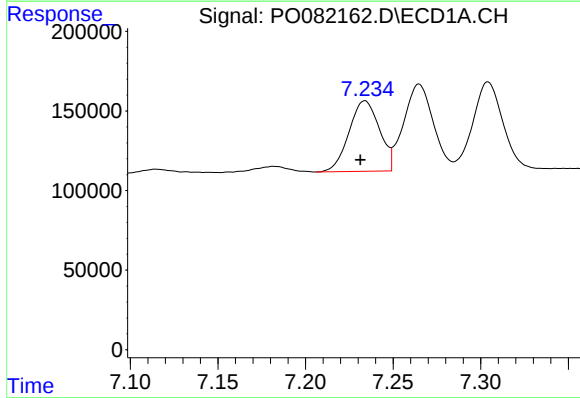
R.T.: 7.304 min  
Delta R.T.: 0.003 min  
Response: 653815  
Conc: 293.39 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



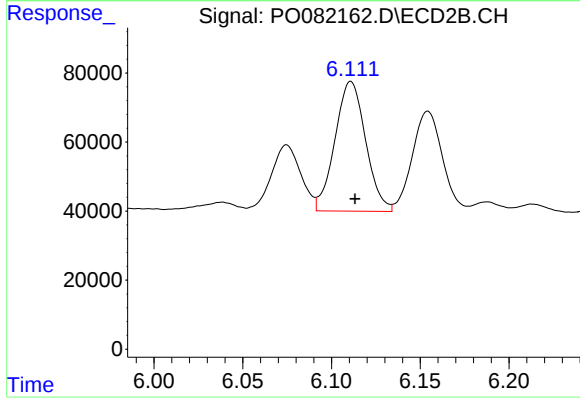
#25 AR-1248-5

R.T.: 6.154 min  
Delta R.T.: -0.002 min  
Response: 345778  
Conc: 318.27 ng/ml



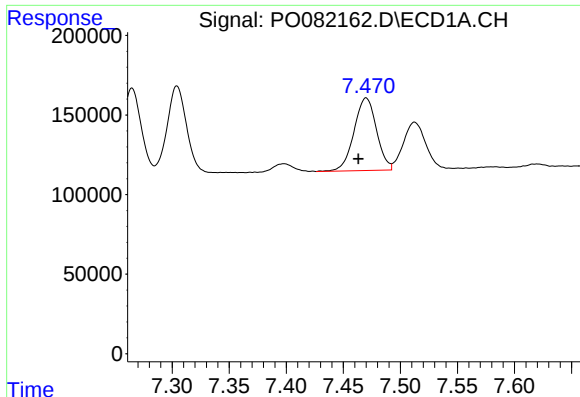
#26 AR-1254-1

R.T.: 7.234 min  
Delta R.T.: 0.003 min  
Response: 536722  
Conc: 224.11 ng/ml



#26 AR-1254-1

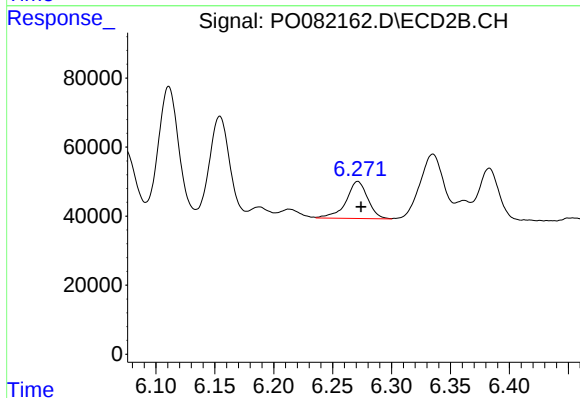
R.T.: 6.111 min  
Delta R.T.: -0.002 min  
Response: 452305  
Conc: 271.60 ng/ml



#27 AR-1254-2

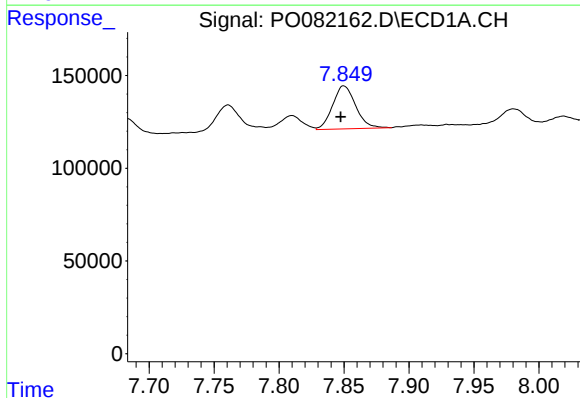
R.T.: 7.470 min  
Delta R.T.: 0.007 min  
Response: 625406  
Conc: 171.45 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



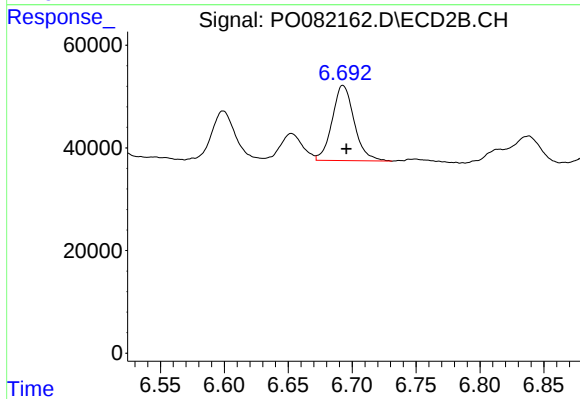
#27 AR-1254-2

R.T.: 6.271 min  
Delta R.T.: -0.003 min  
Response: 138423  
Conc: 92.72 ng/ml



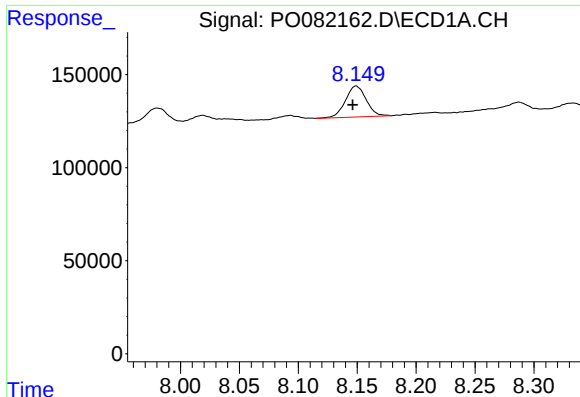
#28 AR-1254-3

R.T.: 7.850 min  
Delta R.T.: 0.003 min  
Response: 285829  
Conc: 78.98 ng/ml



#28 AR-1254-3

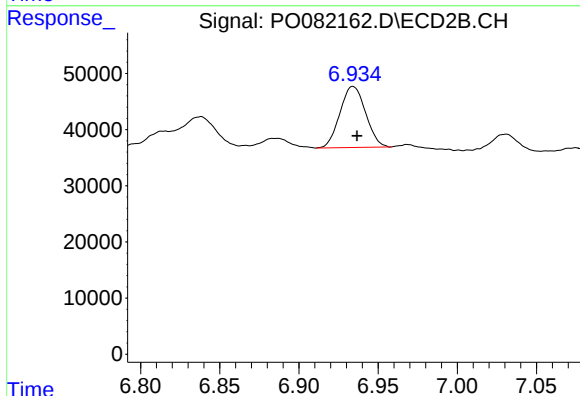
R.T.: 6.693 min  
Delta R.T.: -0.003 min  
Response: 176070  
Conc: 78.63 ng/ml



#29 AR-1254-4

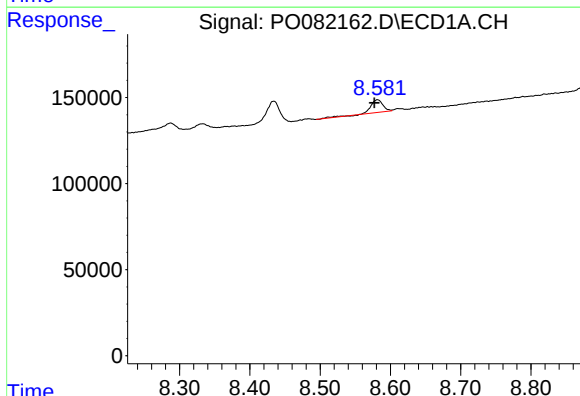
R.T.: 8.149 min  
Delta R.T.: 0.003 min  
Response: 203481  
Conc: 75.51 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



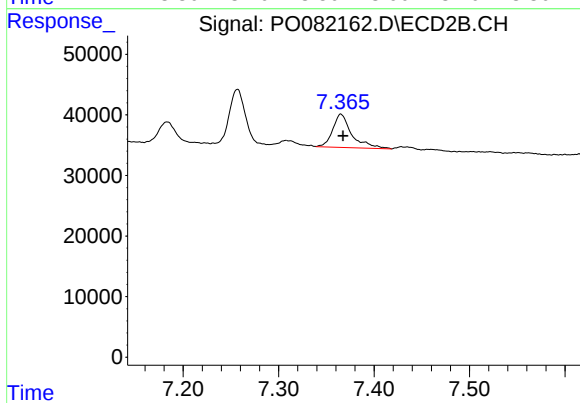
#29 AR-1254-4

R.T.: 6.934 min  
Delta R.T.: -0.002 min  
Response: 122833  
Conc: 83.63 ng/ml



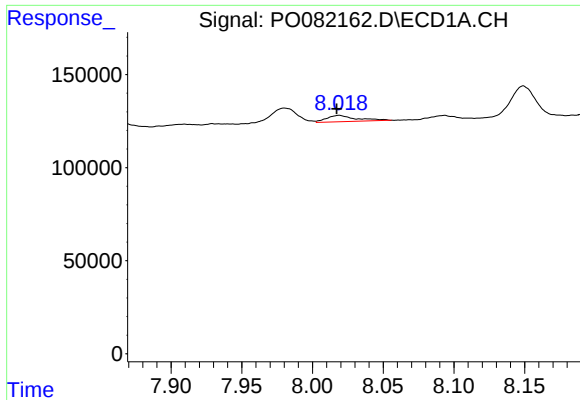
#30 AR-1254-5

R.T.: 8.582 min  
Delta R.T.: 0.004 min  
Response: 91999  
Conc: 31.59 ng/ml



#30 AR-1254-5

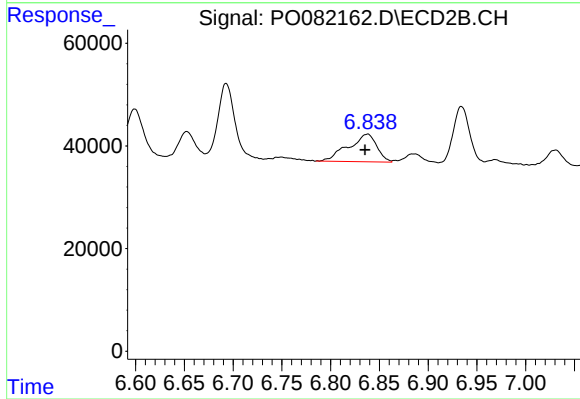
R.T.: 7.365 min  
Delta R.T.: -0.002 min  
Response: 76279  
Conc: 37.04 ng/ml



#31 AR-1260-1

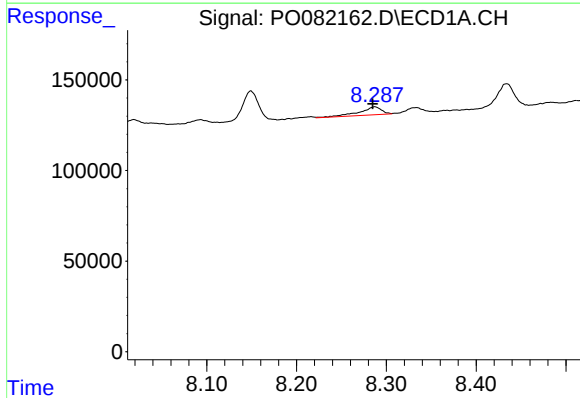
R.T.: 8.019 min  
Delta R.T.: 0.002 min  
Response: 49341  
Conc: 17.48 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



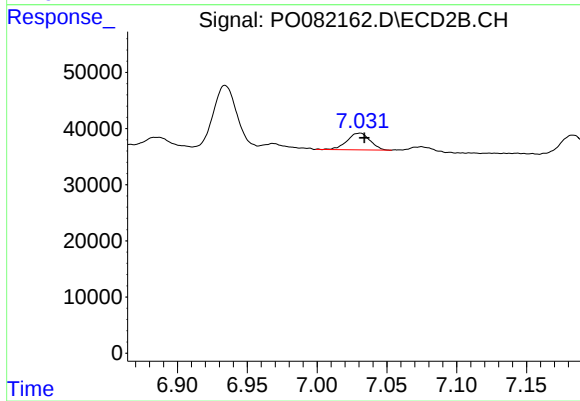
#31 AR-1260-1

R.T.: 6.838 min  
Delta R.T.: 0.003 min  
Response: 109098  
Conc: 65.91 ng/ml



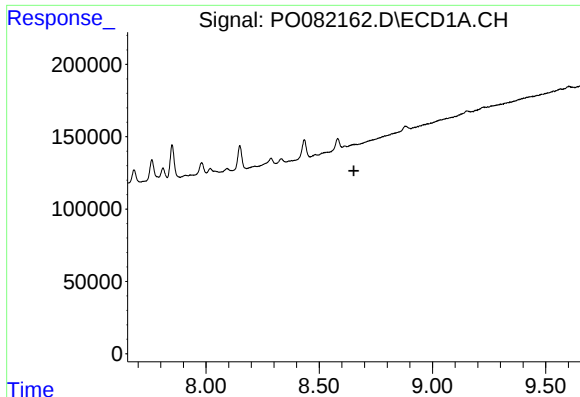
#32 AR-1260-2

R.T.: 8.287 min  
Delta R.T.: 0.003 min  
Response: 75809  
Conc: 22.79 ng/ml



#32 AR-1260-2

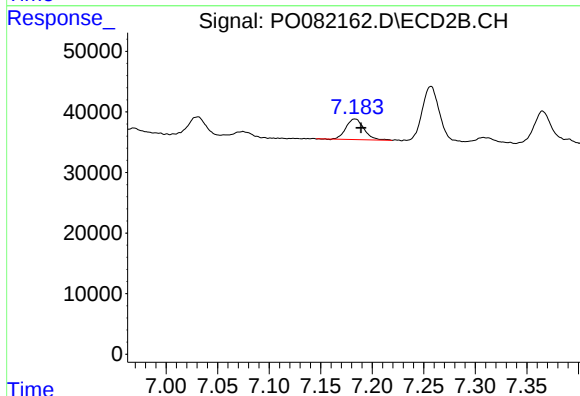
R.T.: 7.031 min  
Delta R.T.: -0.003 min  
Response: 34343  
Conc: 17.12 ng/ml



#33 AR-1260-3

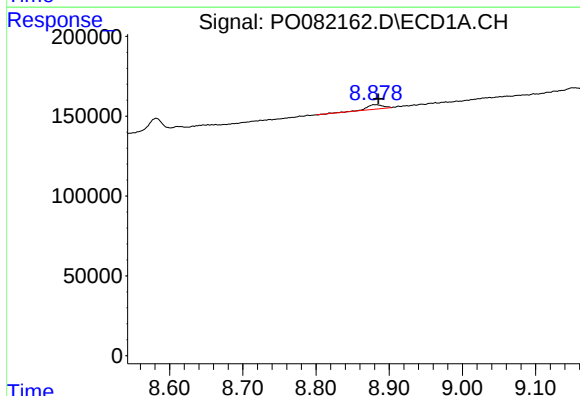
R.T.: 0.000 min  
Exp R.T.: 8.653 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



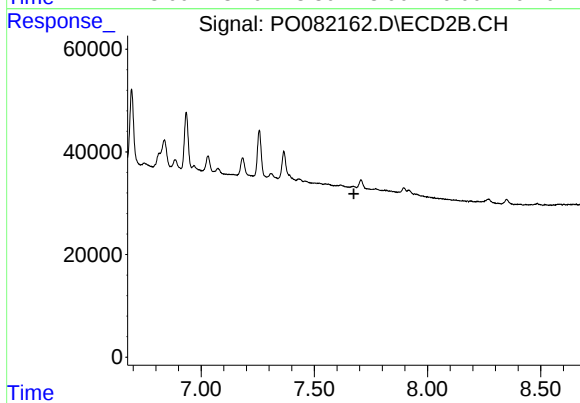
#33 AR-1260-3

R.T.: 7.183 min  
Delta R.T.: -0.006 min  
Response: 42020  
Conc: 22.18 ng/ml



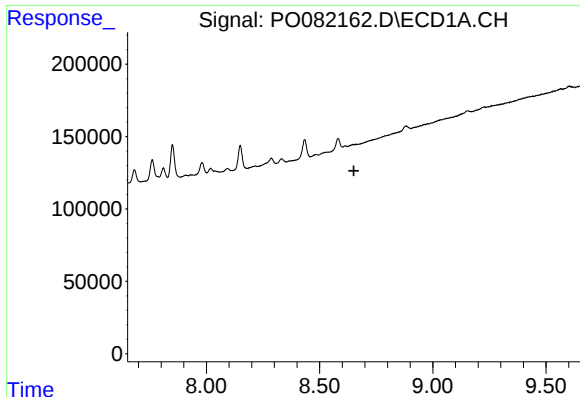
#34 AR-1260-4

R.T.: 8.880 min  
Delta R.T.: -0.005 min  
Response: 42344  
Conc: 15.99 ng/ml



#34 AR-1260-4

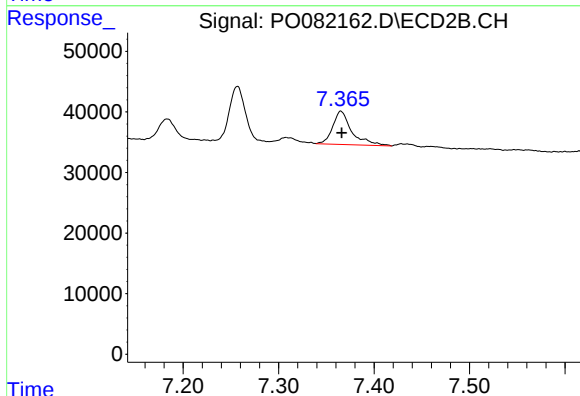
R.T.: 0.000 min  
Exp R.T.: 7.675 min  
Response: 0  
Conc: N.D.



#36 AR-1262-1

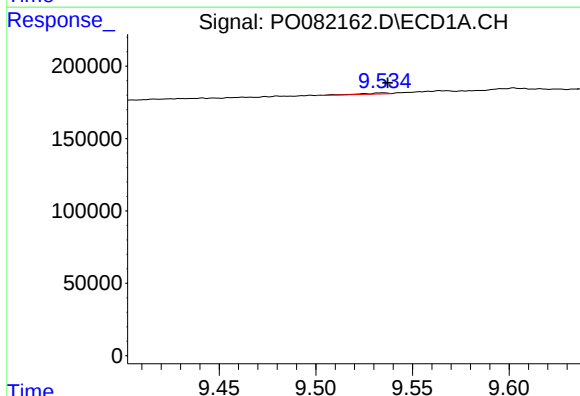
R.T.: 0.000 min  
Exp R.T.: 8.651 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



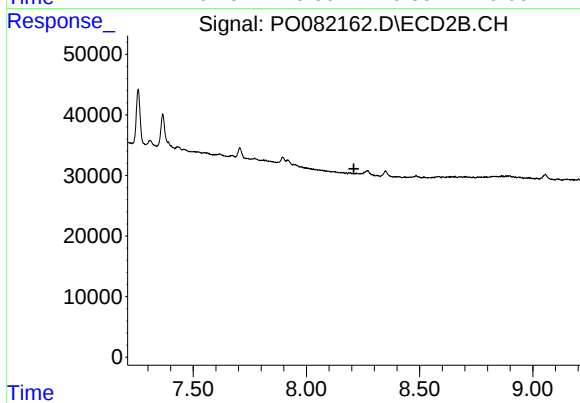
#36 AR-1262-1

R.T.: 7.365 min  
Delta R.T.: 0.000 min  
Response: 76279  
Conc: 69.15 ng/ml



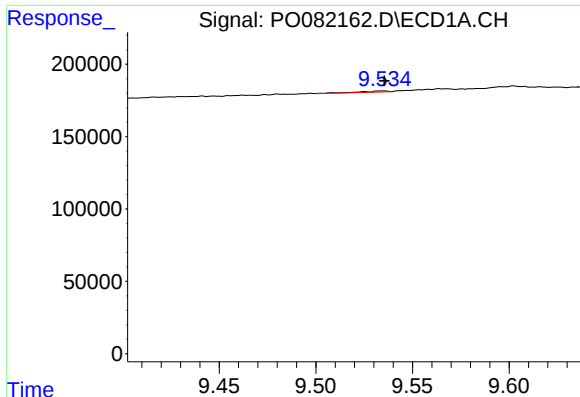
#38 AR-1262-3

R.T.: 9.534 min  
Delta R.T.: -0.003 min  
Response: 7871  
Conc: 2.86 ng/ml



#38 AR-1262-3

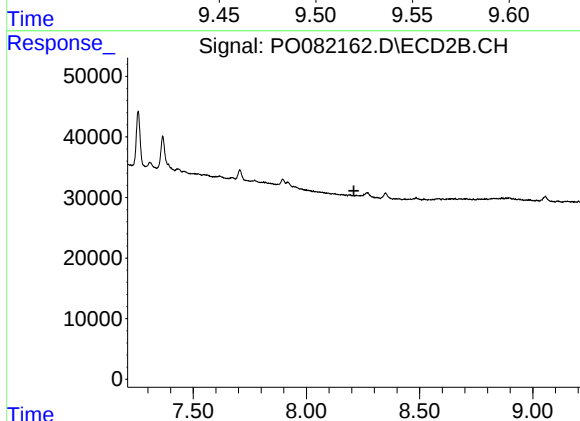
R.T.: 0.000 min  
Exp R.T.: 8.210 min  
Response: 0  
Conc: N.D.



#41 AR-1268-1

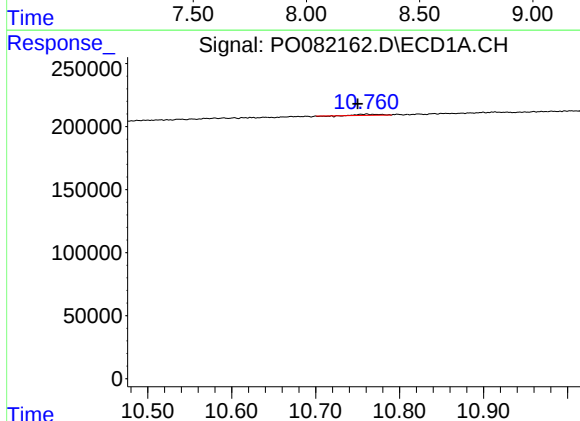
R.T.: 9.534 min  
Delta R.T.: -0.001 min  
Response: 7871  
Conc: 1.05 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



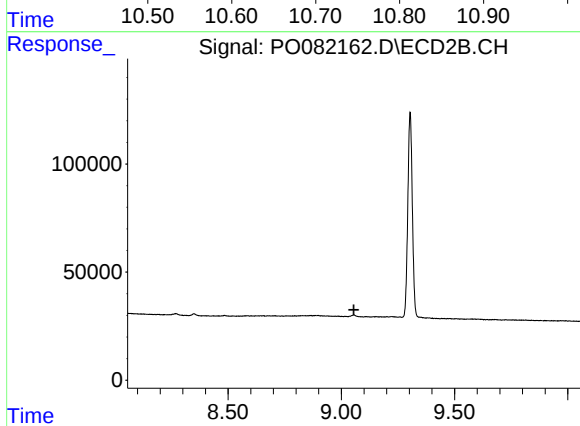
#41 AR-1268-1

R.T.: 0.000 min  
Exp R.T. : 8.210 min  
Response: 0  
Conc: N.D.



#45 AR-1268-5

R.T.: 10.761 min  
Delta R.T.: 0.011 min  
Response: 13539  
Conc: 0.67 ng/ml



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T. : 9.055 min  
Response: 0  
Conc: N.D.