

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_0\Data\PO102721\  
 Data File : PO082274.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 28 Oct 2021 3:06  
 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 28 03:50:55 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_0\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... | 4.978  | 3.973 | 4084876 | 1470433 | 50.554   | 49.838   |
| 2)                          | SA Decachlor... | 11.095 | 9.296 | 3009639 | 1391963 | 54.150   | 54.651   |
|                             |                 |        |       |         |         |          |          |
| Target Compounds            |                 |        |       |         |         |          |          |
| 3)                          | L1 AR-1016-1    | 6.312  | 5.234 | 972245  | 457498  | 384.118  | 377.389  |
| 4)                          | L1 AR-1016-2    | 6.335  | 5.254 | 1372902 | 618818  | 379.982  | 374.029  |
| 5)                          | L1 AR-1016-3    | 6.401  | 5.445 | 845445  | 339084  | 396.573  | 380.998  |
| 6)                          | L1 AR-1016-4    | 6.510  | 5.498 | 686026  | 286678  | 390.327  | 394.612  |
| 7)                          | L1 AR-1016-5    | 6.827  | 5.727 | 709141  | 355301  | 415.549  | 398.734  |
| 8)                          | L2 AR-1221-1    | 5.225  | 4.231 | 123671  | 48829   | 143.103  | 132.253  |
| 9)                          | L2 AR-1221-2    | 5.332  | 4.330 | 163000  | 69596   | 253.651  | 248.501  |
| 10)                         | L2 AR-1221-3    | 5.419  | 4.420 | 554253  | 251990  | 271.957  | 298.865  |
| 11)                         | L3 AR-1232-1    | 5.419  | 4.420 | 554253  | 251990  | 367.500  | 382.875  |
| 12)                         | L3 AR-1232-2    | 6.014  | 5.254 | 729218  | 618818  | 890.069  | 866.153  |
| 13)                         | L3 AR-1232-3    | 6.335  | 5.445 | 1372902 | 339084  | 929.042  | 894.655  |
| 14)                         | L3 AR-1232-4    | 6.510  | 5.543 | 686026  | 329318  | 968.959  | 938.421  |
| 15)                         | L3 AR-1232-5    | 6.609  | 5.727 | 577795  | 355301  | 1138.720 | 935.675  |
| 16)                         | L4 AR-1242-1    | 6.312  | 5.234 | 972245  | 457498  | 512.158  | 499.803  |
| 17)                         | L4 AR-1242-2    | 6.335  | 5.254 | 1372902 | 618818  | 511.519  | 504.297  |
| 18)                         | L4 AR-1242-3    | 6.401  | 5.445 | 845445  | 339084  | 522.702  | 503.998  |
| 19)                         | L4 AR-1242-4    | 6.510  | 5.543 | 686026  | 329318  | 537.325  | 490.590  |
| 20)                         | L4 AR-1242-5    | 7.299  | 6.108 | 707440  | 488097  | 556.216  | 568.053  |
| 21)                         | L5 AR-1248-1    | 6.312  | 5.234 | 972245  | 457498  | 653.316  | 626.285  |
| 22)                         | L5 AR-1248-2    | 6.609  | 5.498 | 577795  | 286678  | 297.142  | 298.117  |
| 23)                         | L5 AR-1248-3    | 6.827  | 5.543 | 709141  | 329318  | 326.449  | 334.154  |
| 24)                         | L5 AR-1248-4    | 7.259  | 5.727 | 697122  | 355301  | 295.478  | 309.102  |
| 25)                         | L5 AR-1248-5    | 7.299  | 6.151 | 707440  | 379639  | 317.454  | 349.442  |
| 26)                         | L6 AR-1254-1    | 7.229  | 6.108 | 660059  | 488097  | 275.611  | 293.089  |
| 27)                         | L6 AR-1254-2    | 7.464  | 6.269 | 643593  | 146305  | 176.440  | 97.995 # |
| 28)                         | L6 AR-1254-3    | 7.844  | 6.689 | 337176  | 194698  | 93.173   | 86.946   |
| 29)                         | L6 AR-1254-4    | 8.143  | 6.930 | 248096  | 134018  | 92.066   | 91.249   |
| 30)                         | L6 AR-1254-5    | 8.575  | 7.361 | 111050  | 75620   | 38.129   | 36.721   |
| 31)                         | L7 AR-1260-1    | 8.013  | 6.834 | 117534  | 107217  | 41.644   | 64.770 # |
| 32)                         | L7 AR-1260-2    | 8.280  | 7.026 | 103316  | 34772   | 31.056   | 17.336 # |
| 33)                         | L7 AR-1260-3    | 8.640  | 7.179 | 12848   | 45660   | 5.700    | 24.102 # |
| 34)                         | L7 AR-1260-4    | 8.875  | 0.000 | 30948   | 0       | 11.690   | N.D. #   |
| 35)                         | L7 AR-1260-5    | 9.214  | 0.000 | 27566   | 0       | 5.032    | N.D. #   |
| 36)                         | L8 AR-1262-1    | 8.640  | 7.361 | 12848   | 75620   | 3.756    | 68.552 # |
| 37)                         | L8 AR-1262-2    | 9.214  | 0.000 | 27566   | 0       | 4.390    | N.D. #   |
| -----                       |                 |        |       |         |         |          |          |

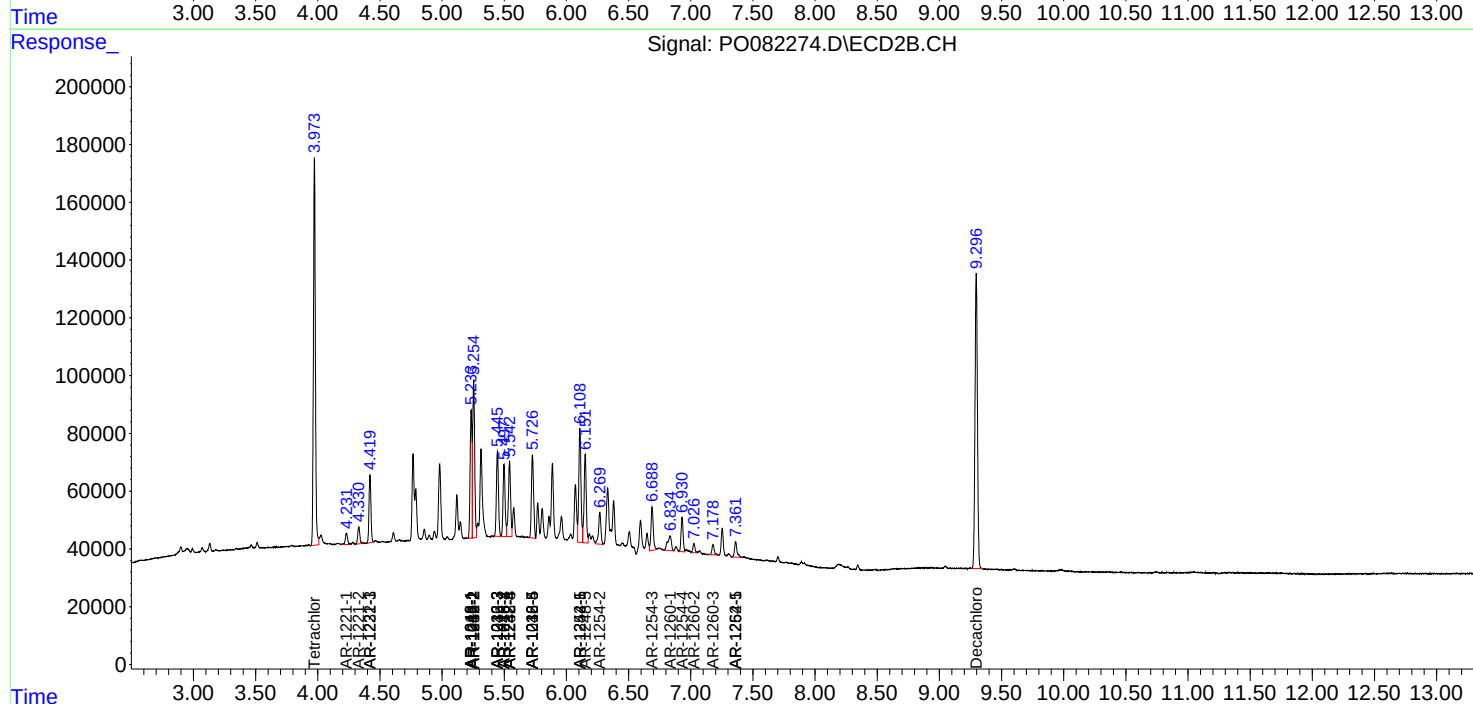
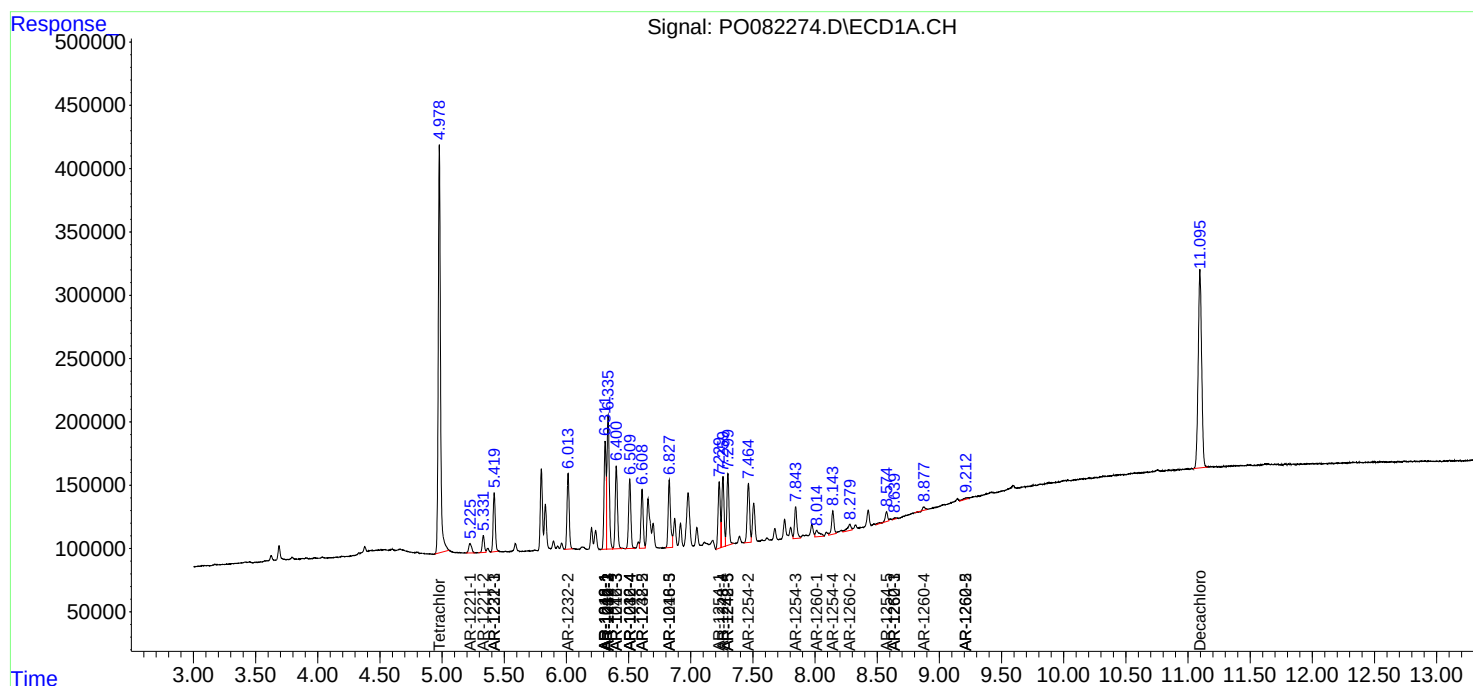
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

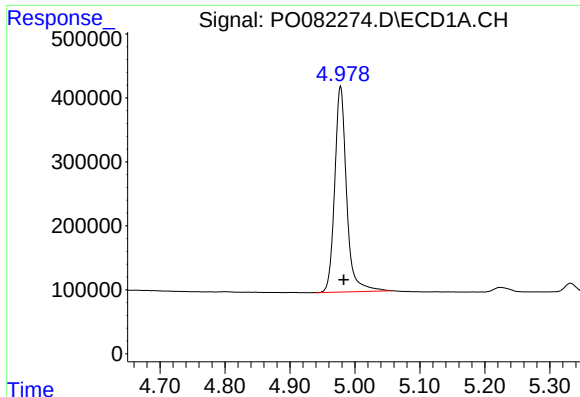
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO102721\  
Data File : PO082274.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 28 Oct 2021 3:06  
Operator : AJ\MA  
Sample : AR1242CCC500  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 28 03:50:55 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

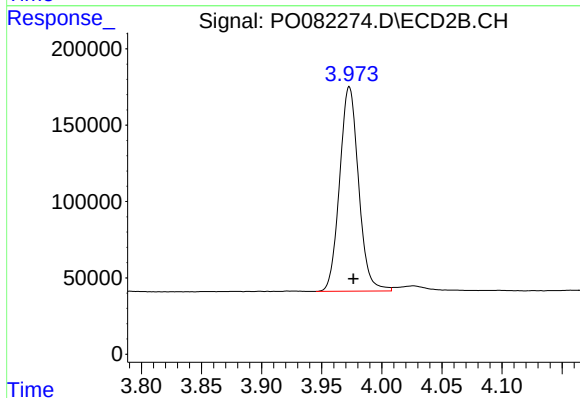




#1 Tetrachloro-m-xylene

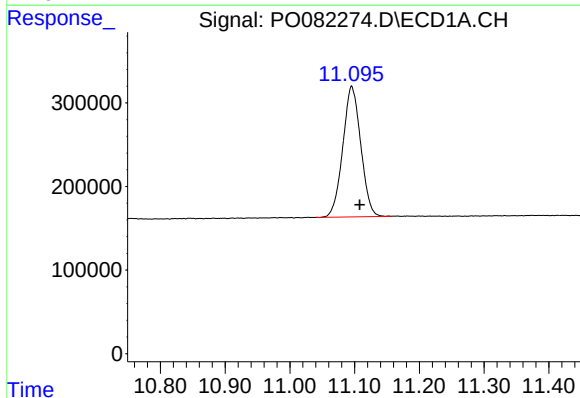
R.T.: 4.978 min  
Delta R.T.: -0.005 min  
Response: 4084876  
Conc: 50.55 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



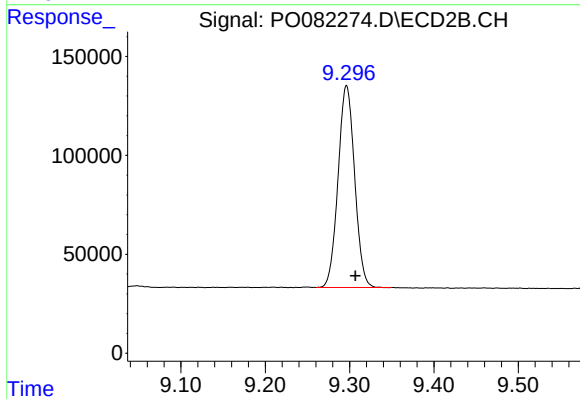
#1 Tetrachloro-m-xylene

R.T.: 3.973 min  
Delta R.T.: -0.003 min  
Response: 1470433  
Conc: 49.84 ng/ml



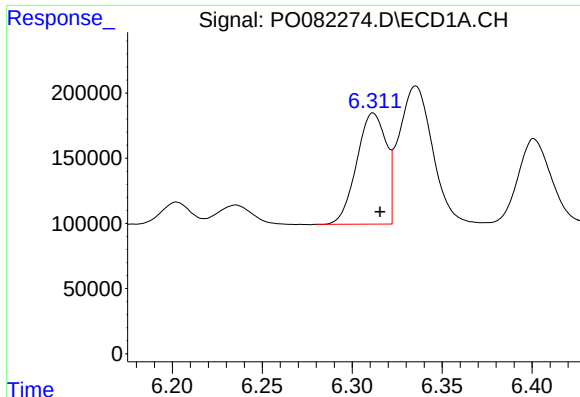
#2 Decachlorobiphenyl

R.T.: 11.095 min  
Delta R.T.: -0.013 min  
Response: 3009639  
Conc: 54.15 ng/ml



#2 Decachlorobiphenyl

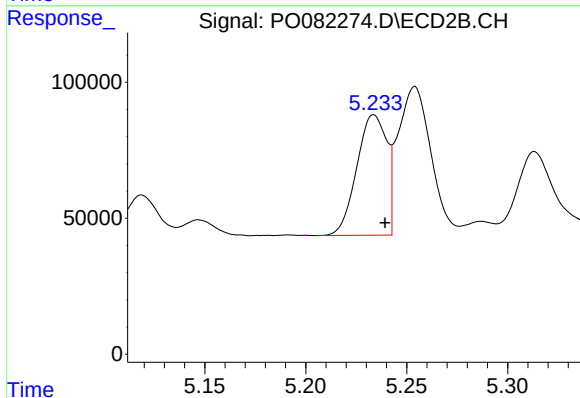
R.T.: 9.296 min  
Delta R.T.: -0.010 min  
Response: 1391963  
Conc: 54.65 ng/ml



#3 AR-1016-1

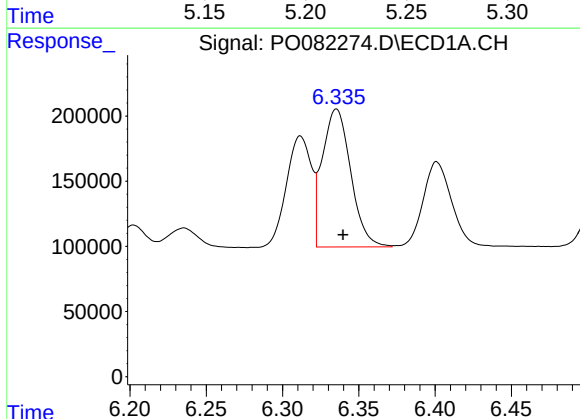
R.T.: 6.312 min  
Delta R.T.: -0.004 min  
Response: 972245  
Conc: 384.12 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



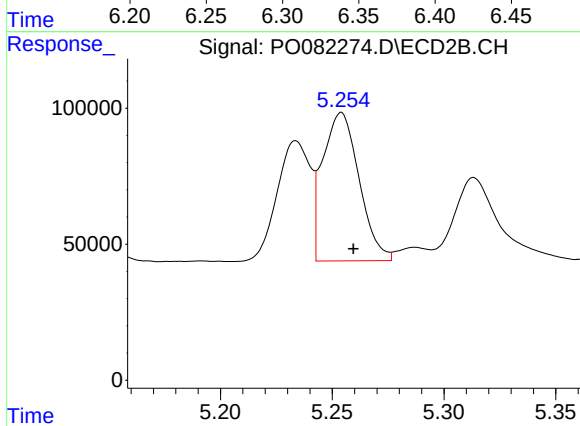
#3 AR-1016-1

R.T.: 5.234 min  
Delta R.T.: -0.006 min  
Response: 457498  
Conc: 377.39 ng/ml



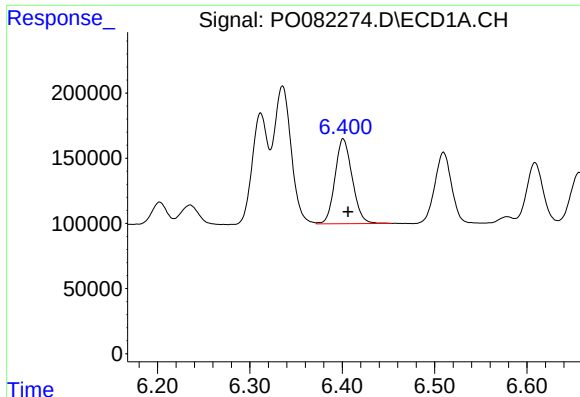
#4 AR-1016-2

R.T.: 6.335 min  
Delta R.T.: -0.004 min  
Response: 1372902  
Conc: 379.98 ng/ml



#4 AR-1016-2

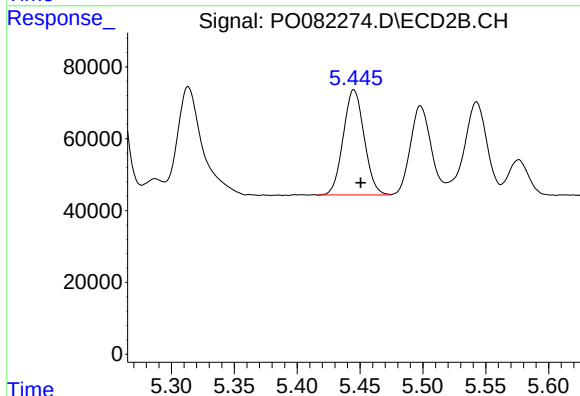
R.T.: 5.254 min  
Delta R.T.: -0.005 min  
Response: 618818  
Conc: 374.03 ng/ml



#5 AR-1016-3

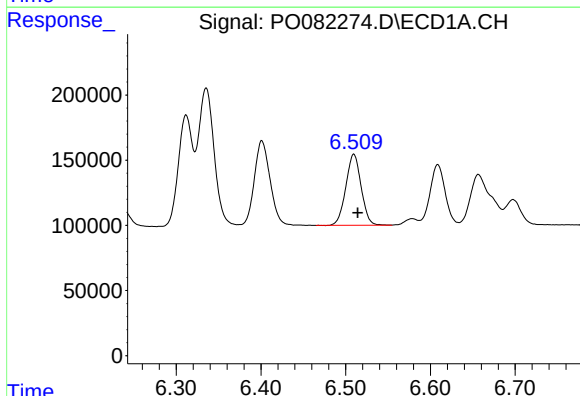
R.T.: 6.401 min  
Delta R.T.: -0.005 min  
Response: 845445  
Conc: 396.57 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



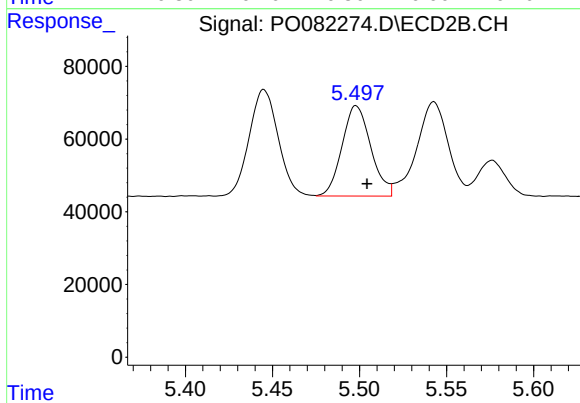
#5 AR-1016-3

R.T.: 5.445 min  
Delta R.T.: -0.005 min  
Response: 339084  
Conc: 381.00 ng/ml



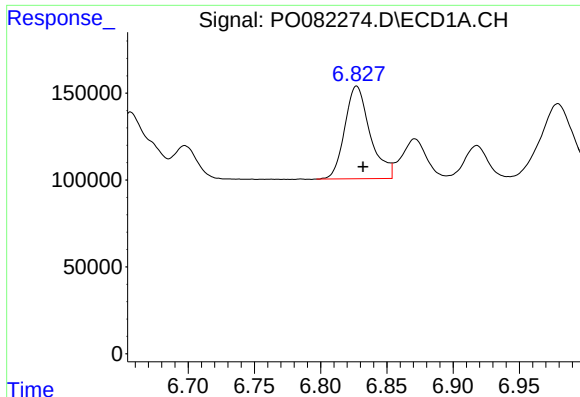
#6 AR-1016-4

R.T.: 6.510 min  
Delta R.T.: -0.005 min  
Response: 686026  
Conc: 390.33 ng/ml



#6 AR-1016-4

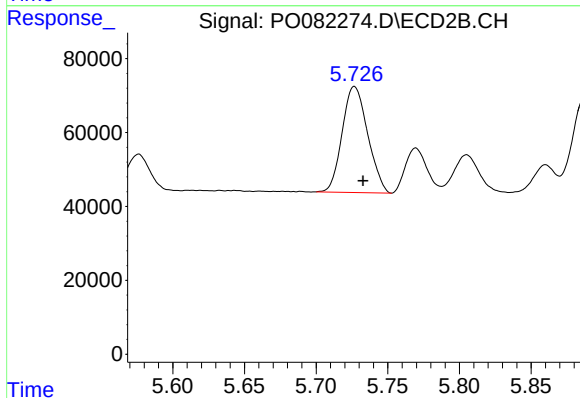
R.T.: 5.498 min  
Delta R.T.: -0.006 min  
Response: 286678  
Conc: 394.61 ng/ml



#7 AR-1016-5

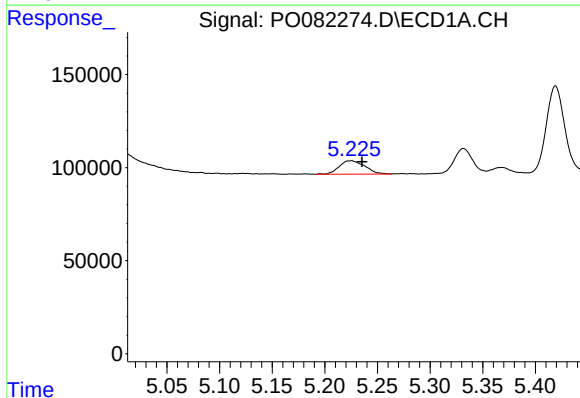
R.T.: 6.827 min  
Delta R.T.: -0.005 min  
Response: 709141  
Conc: 415.55 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



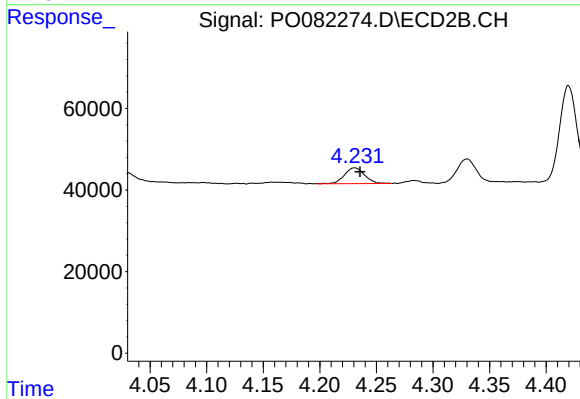
#7 AR-1016-5

R.T.: 5.727 min  
Delta R.T.: -0.006 min  
Response: 355301  
Conc: 398.73 ng/ml



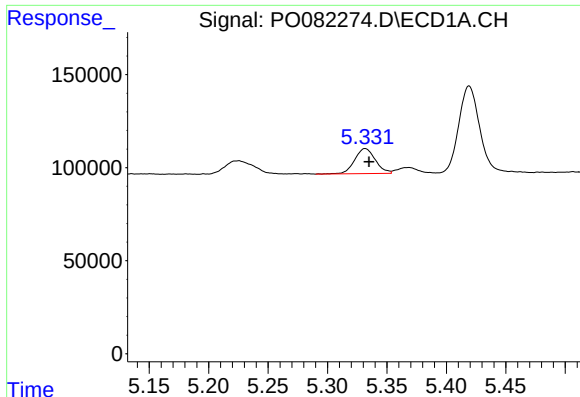
#8 AR-1221-1

R.T.: 5.225 min  
Delta R.T.: -0.010 min  
Response: 123671  
Conc: 143.10 ng/ml



#8 AR-1221-1

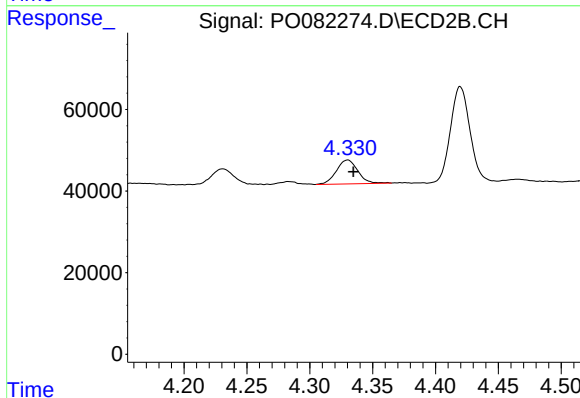
R.T.: 4.231 min  
Delta R.T.: -0.004 min  
Response: 48829  
Conc: 132.25 ng/ml



#9 AR-1221-2

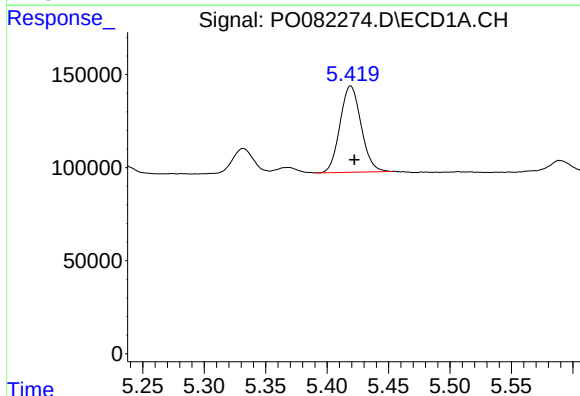
R.T.: 5.332 min  
Delta R.T.: -0.003 min  
Response: 163000  
Conc: 253.65 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



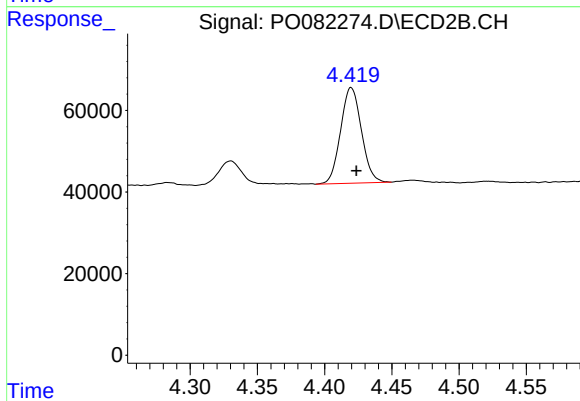
#9 AR-1221-2

R.T.: 4.330 min  
Delta R.T.: -0.005 min  
Response: 69596  
Conc: 248.50 ng/ml



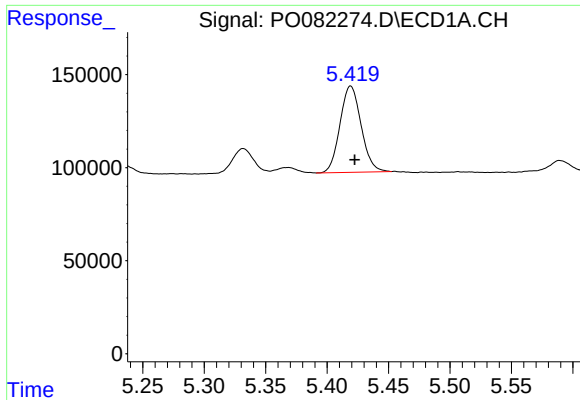
#10 AR-1221-3

R.T.: 5.419 min  
Delta R.T.: -0.003 min  
Response: 554253  
Conc: 271.96 ng/ml



#10 AR-1221-3

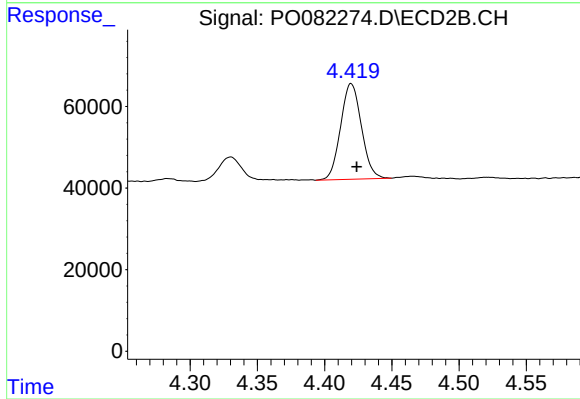
R.T.: 4.420 min  
Delta R.T.: -0.004 min  
Response: 251990  
Conc: 298.86 ng/ml



#11 AR-1232-1

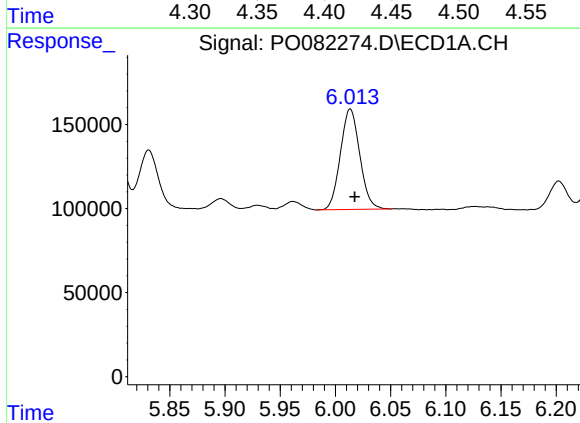
R.T.: 5.419 min  
Delta R.T.: -0.003 min  
Response: 554253  
Conc: 367.50 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



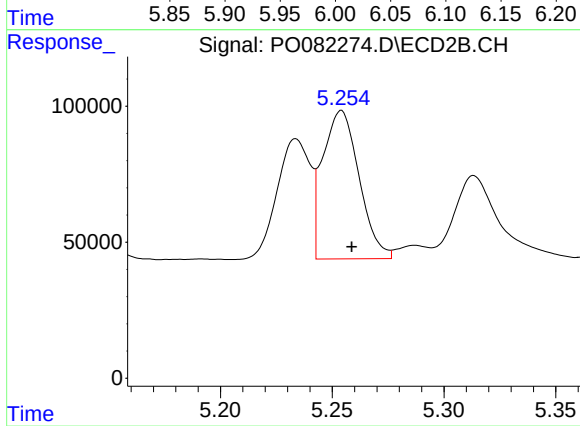
#11 AR-1232-1

R.T.: 4.420 min  
Delta R.T.: -0.004 min  
Response: 251990  
Conc: 382.88 ng/ml



#12 AR-1232-2

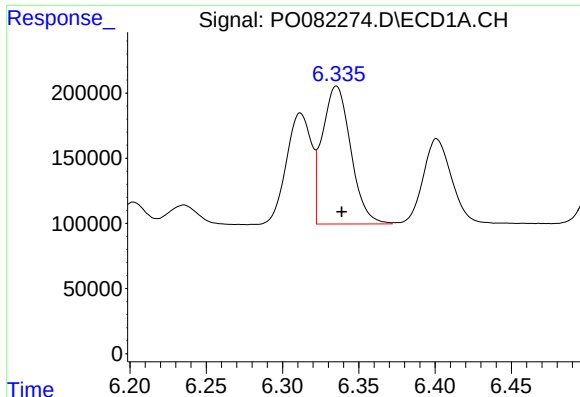
R.T.: 6.014 min  
Delta R.T.: -0.004 min  
Response: 729218  
Conc: 890.07 ng/ml



#12 AR-1232-2

R.T.: 5.254 min  
Delta R.T.: -0.004 min  
Response: 618818  
Conc: 866.15 ng/ml

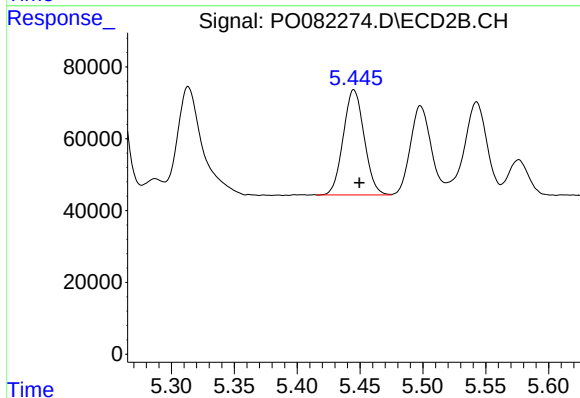




#13 AR-1232-3

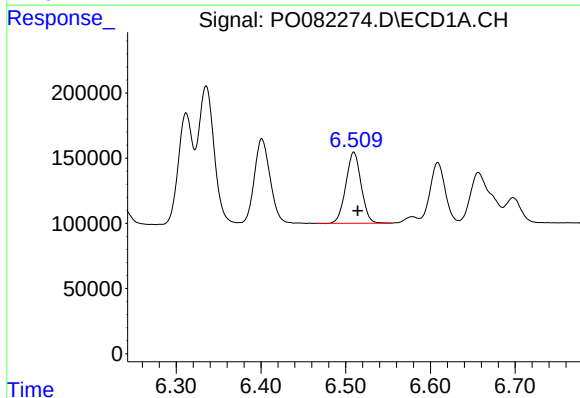
R.T.: 6.335 min  
Delta R.T.: -0.003 min  
Response: 1372902  
Conc: 929.04 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



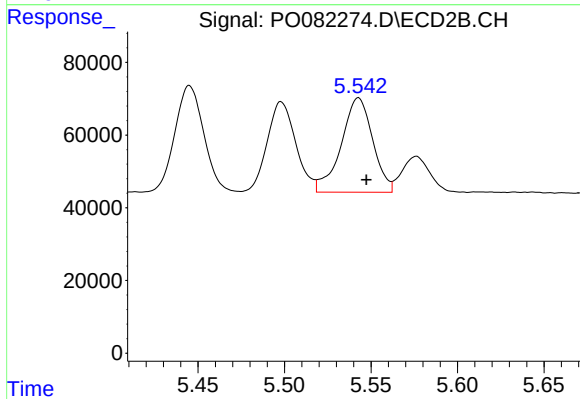
#13 AR-1232-3

R.T.: 5.445 min  
Delta R.T.: -0.004 min  
Response: 339084  
Conc: 894.65 ng/ml



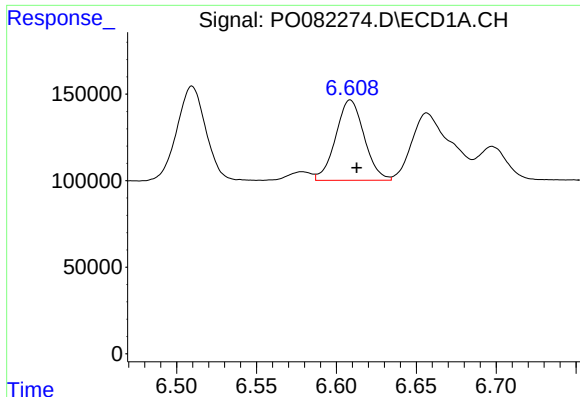
#14 AR-1232-4

R.T.: 6.510 min  
Delta R.T.: -0.005 min  
Response: 686026  
Conc: 968.96 ng/ml



#14 AR-1232-4

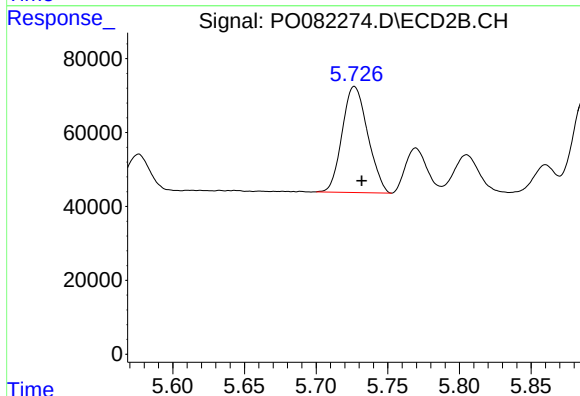
R.T.: 5.543 min  
Delta R.T.: -0.005 min  
Response: 329318  
Conc: 938.42 ng/ml



#15 AR-1232-5

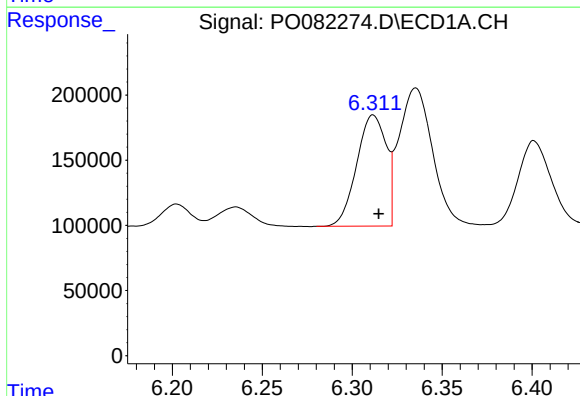
R.T.: 6.609 min  
Delta R.T.: -0.004 min  
Response: 577795  
Conc: 1138.72 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



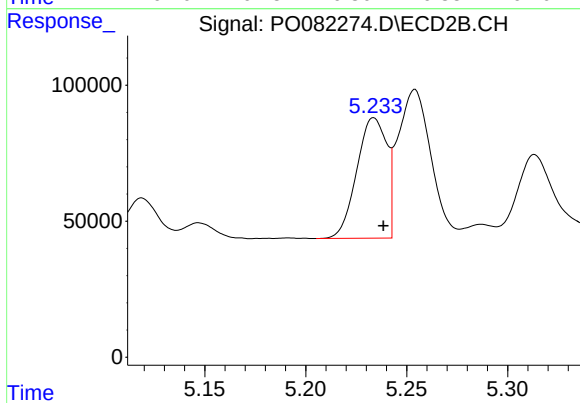
#15 AR-1232-5

R.T.: 5.727 min  
Delta R.T.: -0.005 min  
Response: 355301  
Conc: 935.67 ng/ml



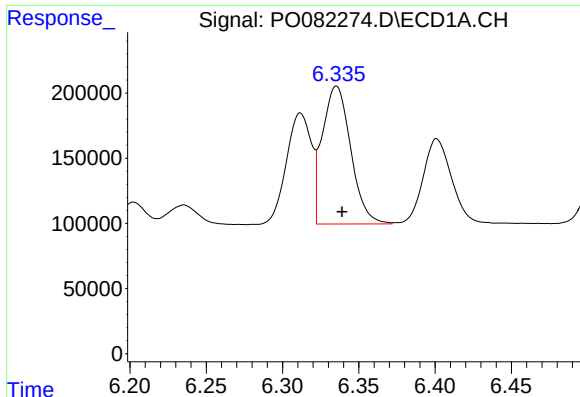
#16 AR-1242-1

R.T.: 6.312 min  
Delta R.T.: -0.003 min  
Response: 972245  
Conc: 512.16 ng/ml



#16 AR-1242-1

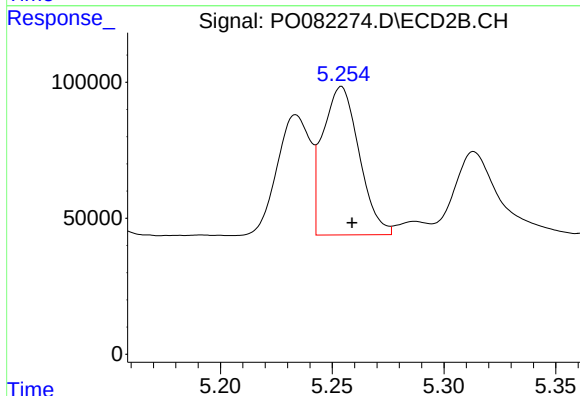
R.T.: 5.234 min  
Delta R.T.: -0.005 min  
Response: 457498  
Conc: 499.80 ng/ml



#17 AR-1242-2

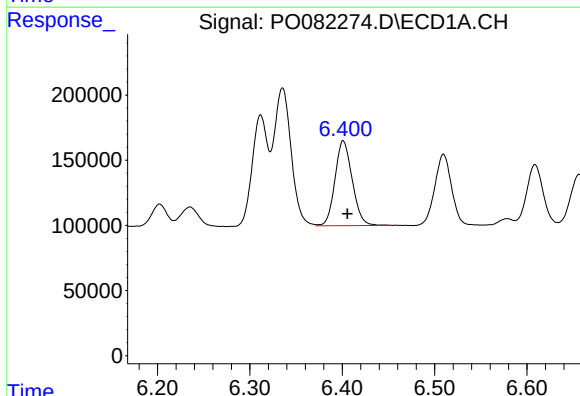
R.T.: 6.335 min  
Delta R.T.: -0.004 min  
Response: 1372902  
Conc: 511.52 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



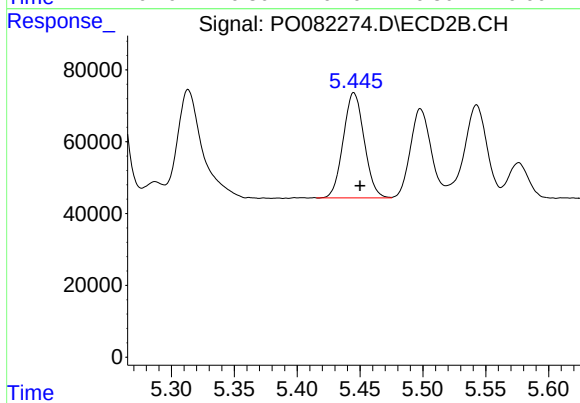
#17 AR-1242-2

R.T.: 5.254 min  
Delta R.T.: -0.005 min  
Response: 618818  
Conc: 504.30 ng/ml



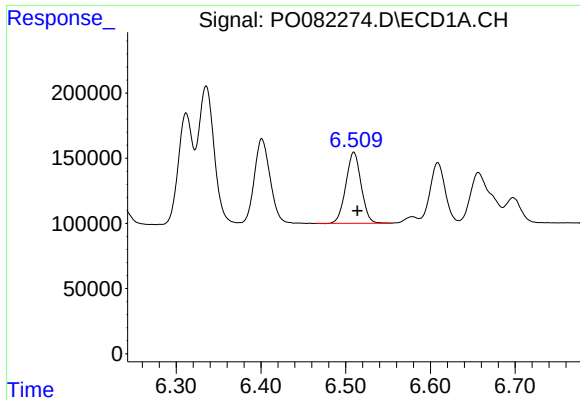
#18 AR-1242-3

R.T.: 6.401 min  
Delta R.T.: -0.005 min  
Response: 845445  
Conc: 522.70 ng/ml



#18 AR-1242-3

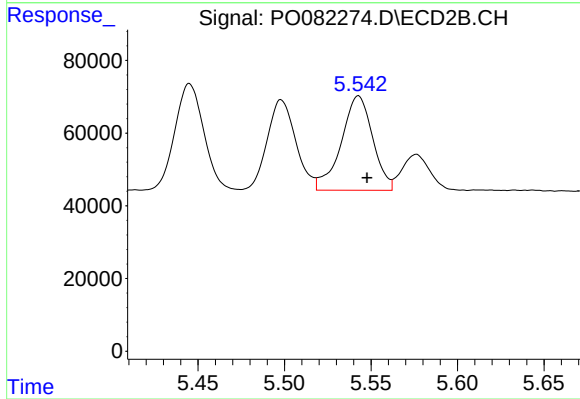
R.T.: 5.445 min  
Delta R.T.: -0.005 min  
Response: 339084  
Conc: 504.00 ng/ml



#19 AR-1242-4

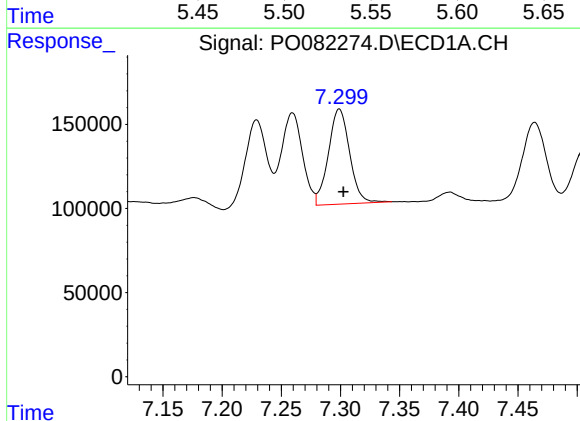
R.T.: 6.510 min  
Delta R.T.: -0.004 min  
Response: 686026  
Conc: 537.32 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



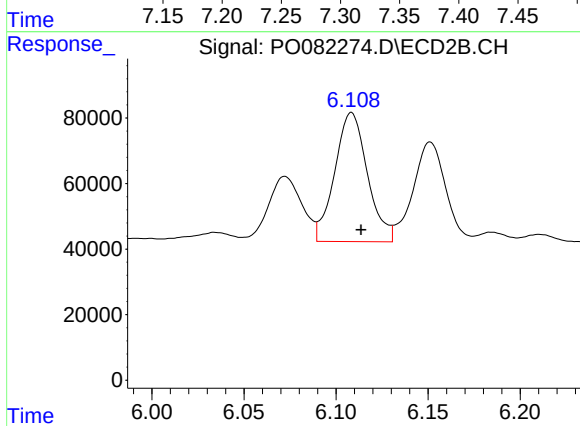
#19 AR-1242-4

R.T.: 5.543 min  
Delta R.T.: -0.005 min  
Response: 329318  
Conc: 490.59 ng/ml



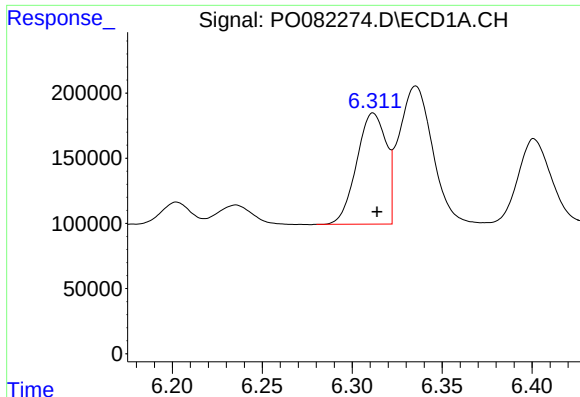
#20 AR-1242-5

R.T.: 7.299 min  
Delta R.T.: -0.003 min  
Response: 707440  
Conc: 556.22 ng/ml



#20 AR-1242-5

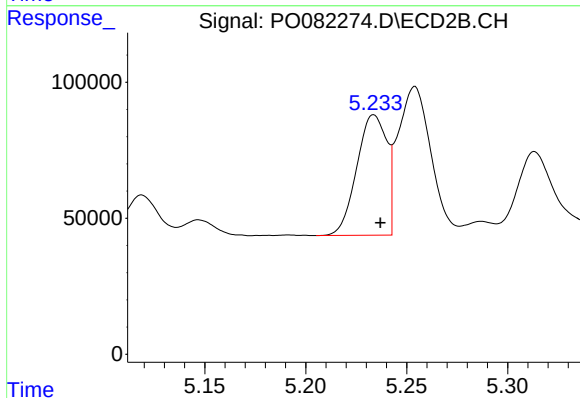
R.T.: 6.108 min  
Delta R.T.: -0.005 min  
Response: 488097  
Conc: 568.05 ng/ml



#21 AR-1248-1

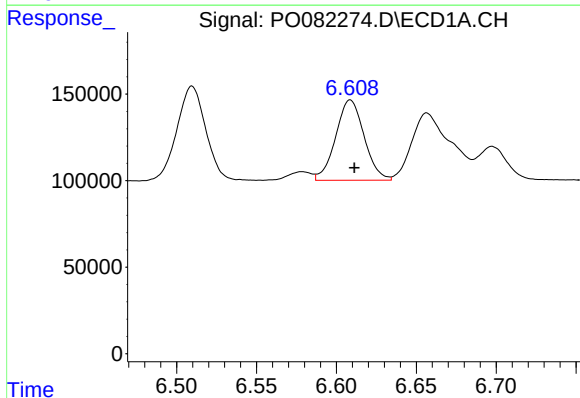
R.T.: 6.312 min  
Delta R.T.: -0.002 min  
Response: 972245  
Conc: 653.32 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



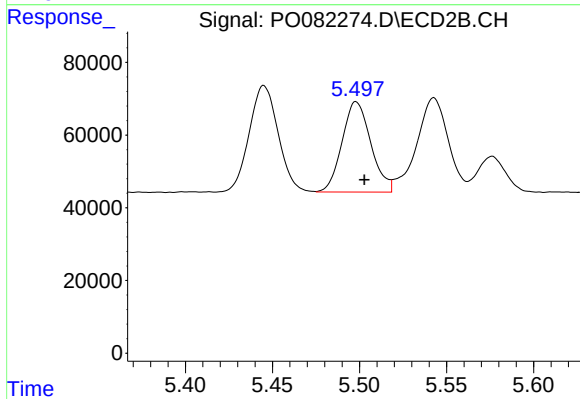
#21 AR-1248-1

R.T.: 5.234 min  
Delta R.T.: -0.003 min  
Response: 457498  
Conc: 626.29 ng/ml



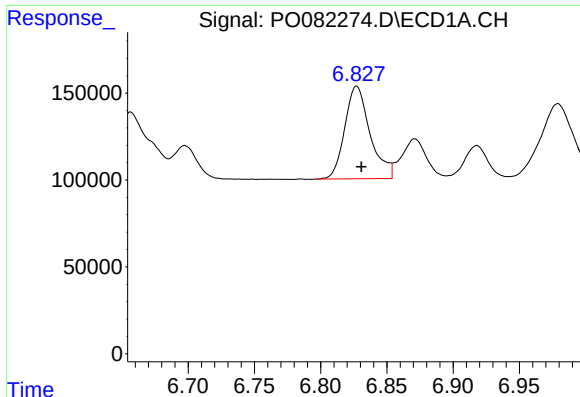
#22 AR-1248-2

R.T.: 6.609 min  
Delta R.T.: -0.003 min  
Response: 577795  
Conc: 297.14 ng/ml



#22 AR-1248-2

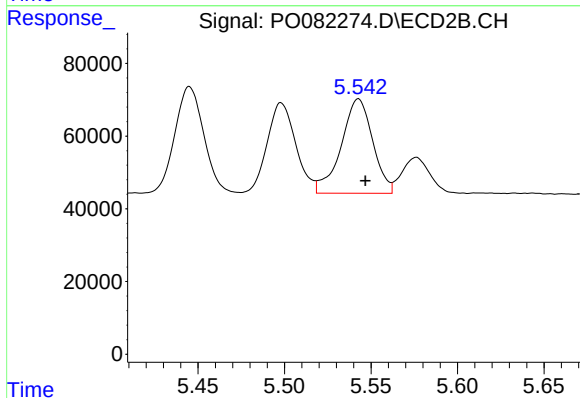
R.T.: 5.498 min  
Delta R.T.: -0.005 min  
Response: 286678  
Conc: 298.12 ng/ml



#23 AR-1248-3

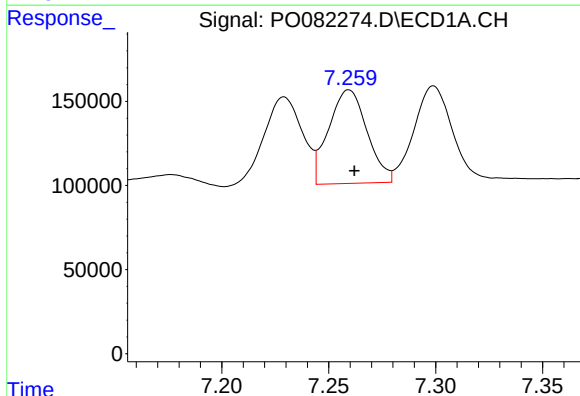
R.T.: 6.827 min  
Delta R.T.: -0.003 min  
Response: 709141  
Conc: 326.45 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



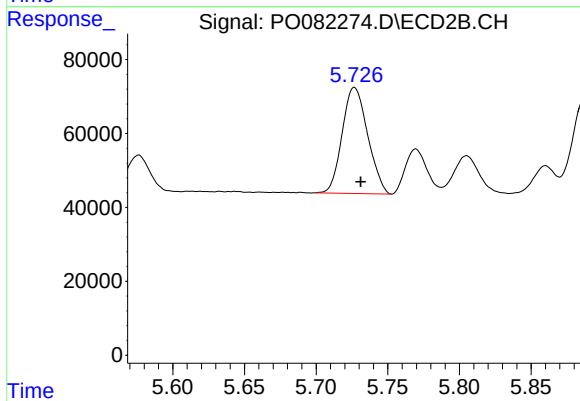
#23 AR-1248-3

R.T.: 5.543 min  
Delta R.T.: -0.004 min  
Response: 329318  
Conc: 334.15 ng/ml



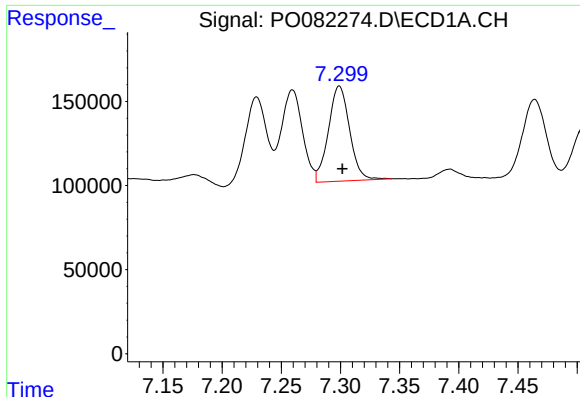
#24 AR-1248-4

R.T.: 7.259 min  
Delta R.T.: -0.003 min  
Response: 697122  
Conc: 295.48 ng/ml



#24 AR-1248-4

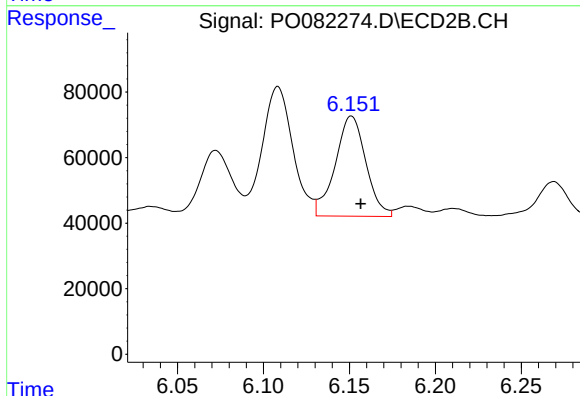
R.T.: 5.727 min  
Delta R.T.: -0.004 min  
Response: 355301  
Conc: 309.10 ng/ml



#25 AR-1248-5

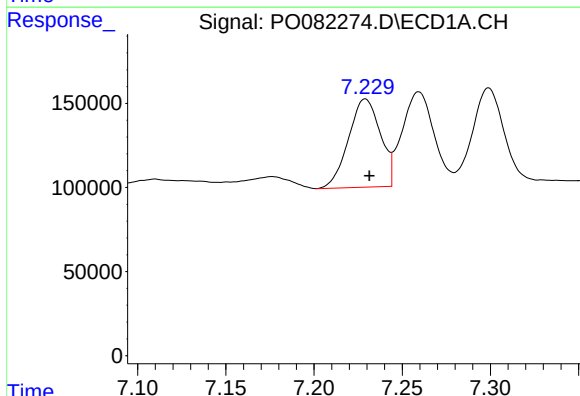
R.T.: 7.299 min  
Delta R.T.: -0.003 min  
Response: 707440  
Conc: 317.45 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



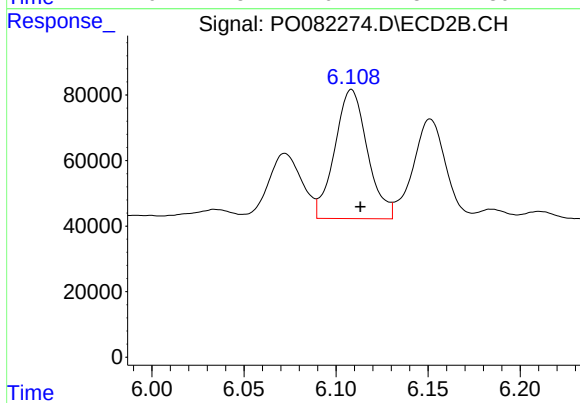
#25 AR-1248-5

R.T.: 6.151 min  
Delta R.T.: -0.005 min  
Response: 379639  
Conc: 349.44 ng/ml



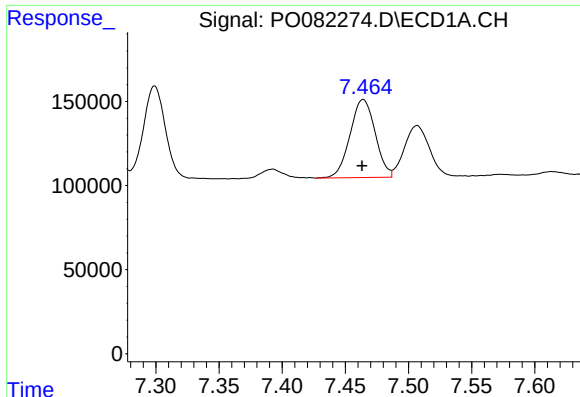
#26 AR-1254-1

R.T.: 7.229 min  
Delta R.T.: -0.002 min  
Response: 660059  
Conc: 275.61 ng/ml



#26 AR-1254-1

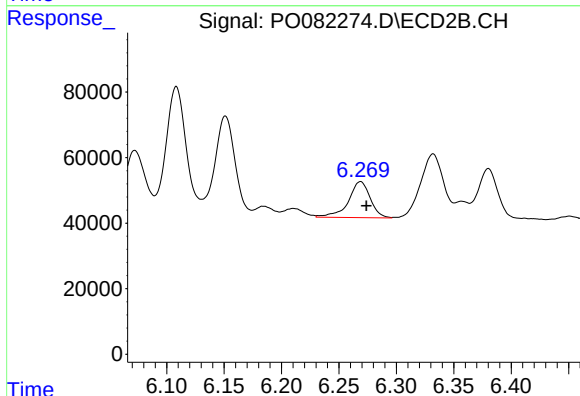
R.T.: 6.108 min  
Delta R.T.: -0.005 min  
Response: 488097  
Conc: 293.09 ng/ml



#27 AR-1254-2

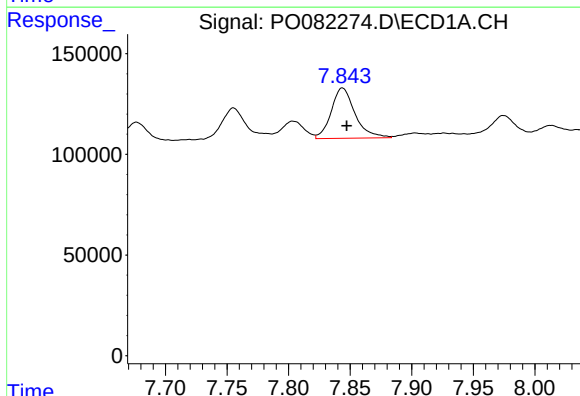
R.T.: 7.464 min  
Delta R.T.: 0.000 min  
Response: 643593  
Conc: 176.44 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



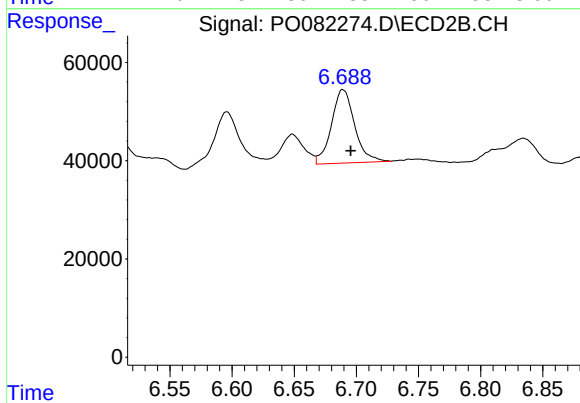
#27 AR-1254-2

R.T.: 6.269 min  
Delta R.T.: -0.005 min  
Response: 146305  
Conc: 97.99 ng/ml



#28 AR-1254-3

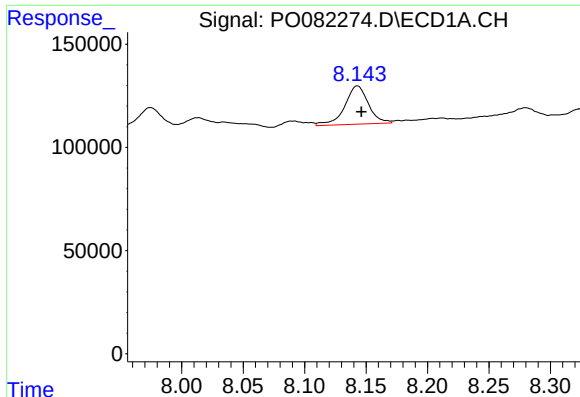
R.T.: 7.844 min  
Delta R.T.: -0.004 min  
Response: 337176  
Conc: 93.17 ng/ml



#28 AR-1254-3

R.T.: 6.689 min  
Delta R.T.: -0.006 min  
Response: 194698  
Conc: 86.95 ng/ml

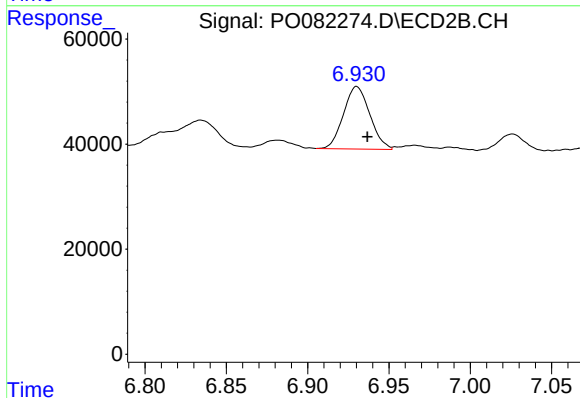




#29 AR-1254-4

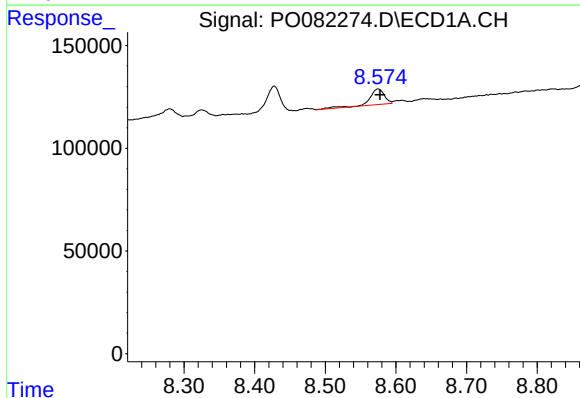
R.T.: 8.143 min  
Delta R.T.: -0.003 min  
Response: 248096  
Conc: 92.07 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



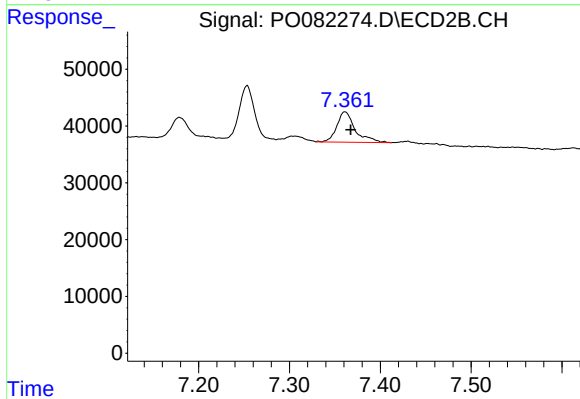
#29 AR-1254-4

R.T.: 6.930 min  
Delta R.T.: -0.006 min  
Response: 134018  
Conc: 91.25 ng/ml



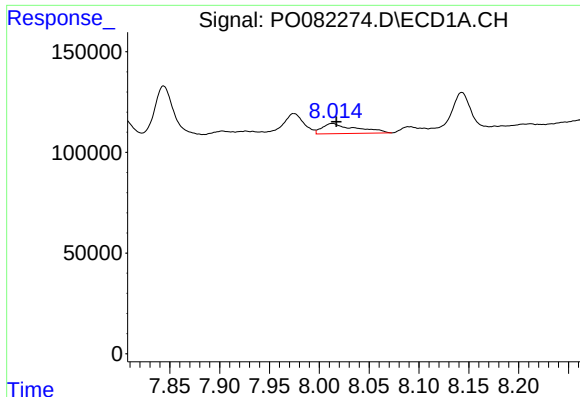
#30 AR-1254-5

R.T.: 8.575 min  
Delta R.T.: -0.002 min  
Response: 111050  
Conc: 38.13 ng/ml



#30 AR-1254-5

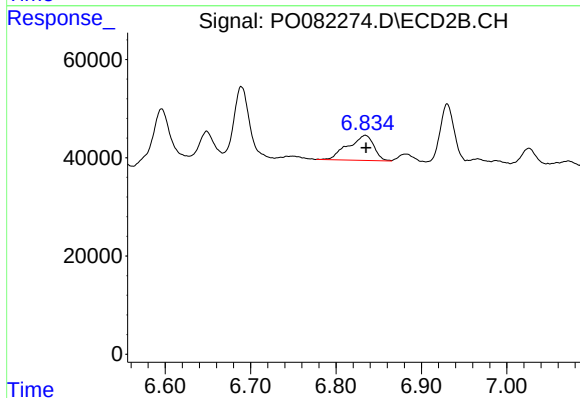
R.T.: 7.361 min  
Delta R.T.: -0.006 min  
Response: 75620  
Conc: 36.72 ng/ml



#31 AR-1260-1

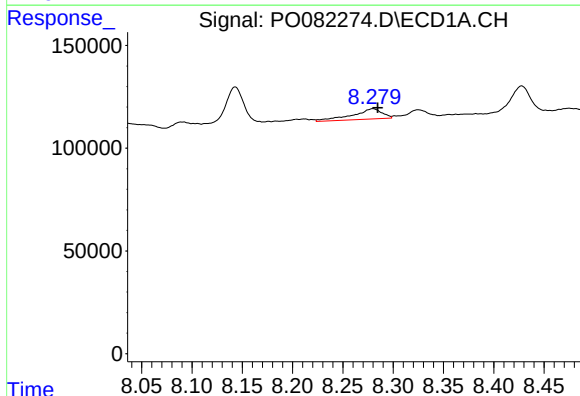
R.T.: 8.013 min  
Delta R.T.: -0.004 min  
Response: 117534  
Conc: 41.64 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



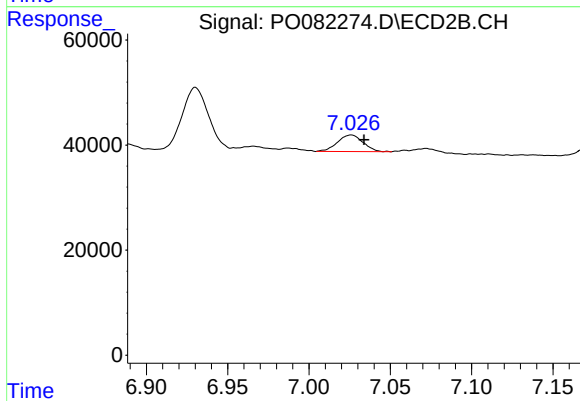
#31 AR-1260-1

R.T.: 6.834 min  
Delta R.T.: 0.000 min  
Response: 107217  
Conc: 64.77 ng/ml



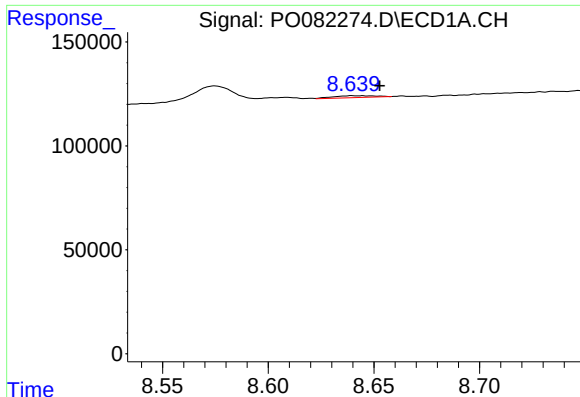
#32 AR-1260-2

R.T.: 8.280 min  
Delta R.T.: -0.005 min  
Response: 103316  
Conc: 31.06 ng/ml



#32 AR-1260-2

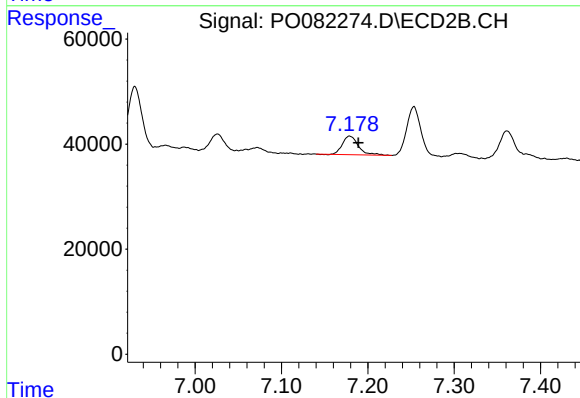
R.T.: 7.026 min  
Delta R.T.: -0.008 min  
Response: 34772  
Conc: 17.34 ng/ml



#33 AR-1260-3

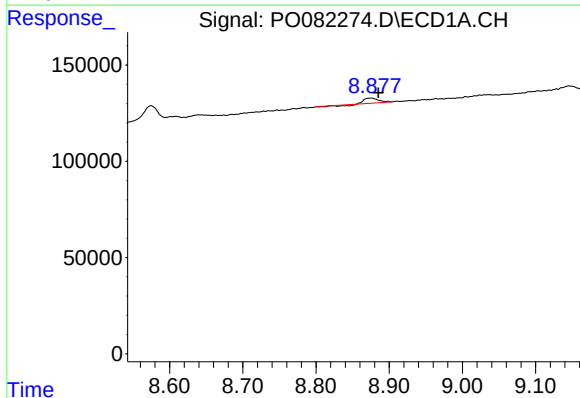
R.T.: 8.640 min  
Delta R.T.: -0.013 min  
Response: 12848  
Conc: 5.70 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



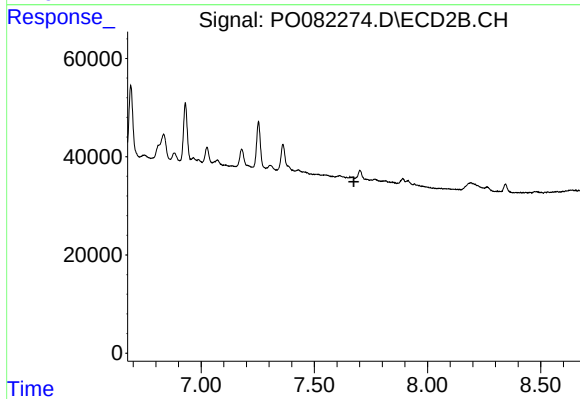
#33 AR-1260-3

R.T.: 7.179 min  
Delta R.T.: -0.010 min  
Response: 45660  
Conc: 24.10 ng/ml



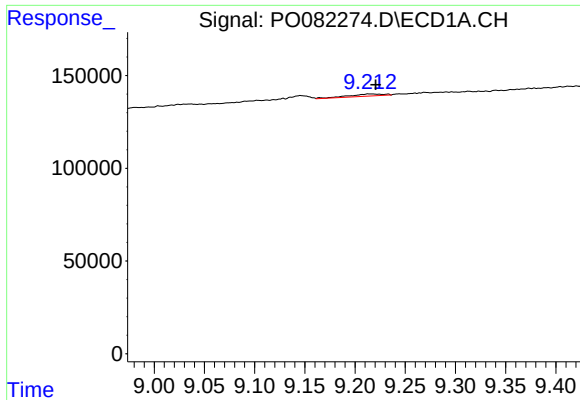
#34 AR-1260-4

R.T.: 8.875 min  
Delta R.T.: -0.010 min  
Response: 30948  
Conc: 11.69 ng/ml



#34 AR-1260-4

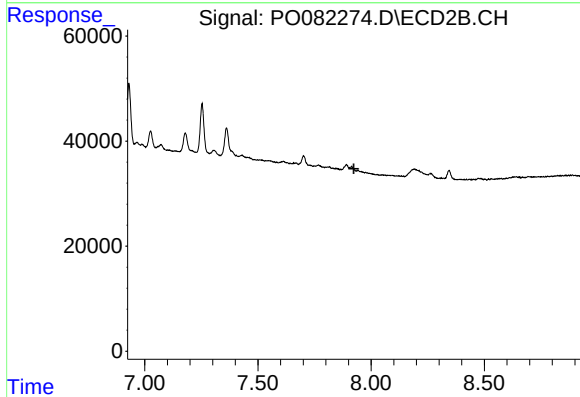
R.T.: 0.000 min  
Exp R.T.: 7.675 min  
Response: 0  
Conc: N.D.



#35 AR-1260-5

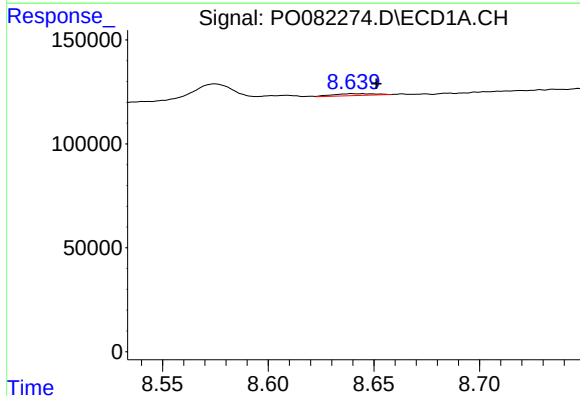
R.T.: 9.214 min  
Delta R.T.: -0.007 min  
Response: 27566  
Conc: 5.03 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



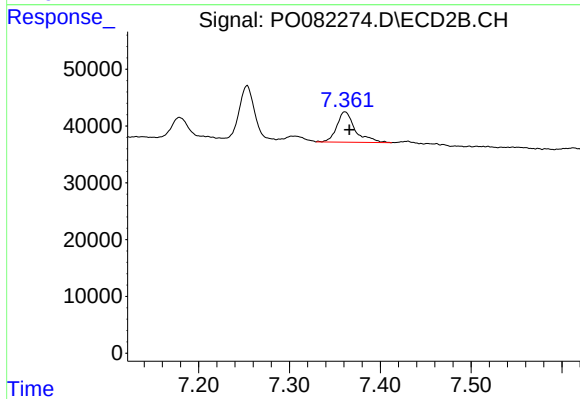
#35 AR-1260-5

R.T.: 0.000 min  
Exp R.T. : 7.924 min  
Response: 0  
Conc: N.D.



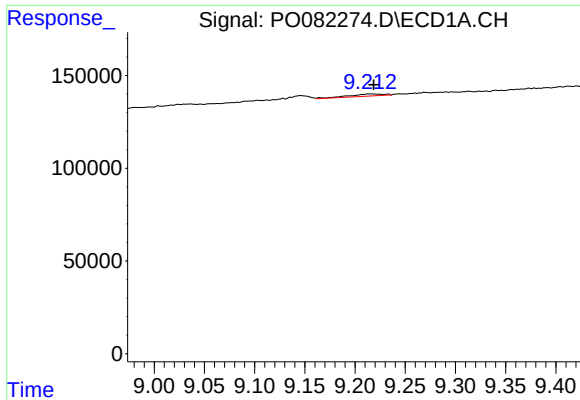
#36 AR-1262-1

R.T.: 8.640 min  
Delta R.T.: -0.011 min  
Response: 12848  
Conc: 3.76 ng/ml



#36 AR-1262-1

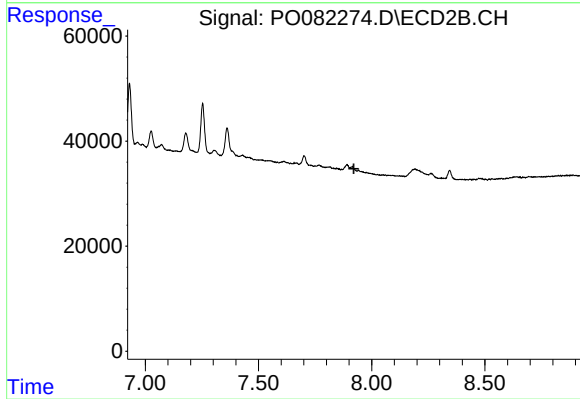
R.T.: 7.361 min  
Delta R.T.: -0.005 min  
Response: 75620  
Conc: 68.55 ng/ml



#37 AR-1262-2

R.T.: 9.214 min  
Delta R.T.: -0.005 min  
Response: 27566  
Conc: 4.39 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



#37 AR-1262-2

R.T.: 0.000 min  
Exp R.T. : 7.921 min  
Response: 0  
Conc: N.D.