

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO111518\  
 Data File : PO051568.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 15 Nov 2018 17:04  
 Operator : SM/SJ  
 Sample : J5883-02DL 5X  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 15 17:23:24 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO111318.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Thu Nov 15 08:04:19 2018  
 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... | 4.307 | 3.299 | 8577546  | 3216606  | 2.686    | 2.921     |
| 2)                          | SA Decachlor... | 9.951 | 8.054 | 3761544  | 1552090  | 1.960    | 1.872     |
| Target Compounds            |                 |       |       |          |          |          |           |
| 5)                          | L1 AR-1016-3    | 0.000 | 4.550 | 0        | 1593419  | N.D.     | 69.626 #  |
| 6)                          | L1 AR-1016-4    | 0.000 | 4.550 | 0        | 1593419  | N.D.     | 90.346 #  |
| 7)                          | L1 AR-1016-5    | 5.954 | 4.749 | 4715414  | 2401123  | 101.853  | 105.470   |
| 10)                         | L2 AR-1221-3    | 0.000 | 3.704 | 0        | 1022874  | N.D.     | 39.986 #  |
| 11)                         | L3 AR-1232-1    | 0.000 | 3.704 | 0        | 1022874  | N.D.     | 54.923 #  |
| 13)                         | L3 AR-1232-3    | 0.000 | 4.550 | 0        | 1593419  | N.D.     | 333.897 # |
| 14)                         | L3 AR-1232-4    | 5.751 | 4.587 | 3485821  | 1077181  | 148.261  | 198.826 # |
| 15)                         | L3 AR-1232-5    | 5.795 | 4.785 | 2323853  | 818094   | 149.543  | 237.243 # |
| 18)                         | L4 AR-1242-3    | 0.000 | 4.550 | 0        | 1593419  | N.D.     | 113.495 # |
| 19)                         | L4 AR-1242-4    | 5.751 | 4.587 | 3485821  | 1077181  | 78.177   | 181.826 # |
| 20)                         | L4 AR-1242-5    | 6.395 | 5.121 | 10913936 | 4860718  | 255.967  | 283.982   |
| 22)                         | L5 AR-1248-2    | 5.795 | 4.587 | 2323853  | 1077181  | 39.315   | 37.954    |
| 23)                         | L5 AR-1248-3    | 5.994 | 4.587 | 1546772  | 1077181  | 62.401   | 107.788 # |
| 24)                         | L5 AR-1248-4    | 6.395 | 4.785 | 10913936 | 818094   | 138.520  | 71.679 #  |
| 25)                         | L5 AR-1248-5    | 6.395 | 5.173 | 10913936 | 1730452  | 138.520  | 60.385 #  |
| 26)                         | L6 AR-1254-1    | 6.357 | 5.121 | 10186346 | 4860718  | 262.478  | 100.520 # |
| 27)                         | L6 AR-1254-2    | 6.595 | 5.277 | 12411478 | 9480621  | 105.707  | 232.097 # |
| 28)                         | L6 AR-1254-3    | 6.913 | 5.657 | 28175867 | 2054576  | 230.273  | 31.065 #  |
| 29)                         | L6 AR-1254-4    | 7.237 | 5.862 | 3257609  | 4575344  | 33.094   | 591.616 # |
| 30)                         | L6 AR-1254-5    | 7.616 | 6.271 | 79971289 | 7345464  | 4693.275 | 127.467 # |
| 31)                         | L7 AR-1260-1    | 7.074 | 5.733 | 14853008 | 9353018  | 166.755  | 216.710 # |
| 32)                         | L7 AR-1260-2    | 7.330 | 5.918 | 41188484 | 13593142 | 324.349  | 239.048 # |
| 33)                         | L7 AR-1260-3    | 7.675 | 6.059 | 7027195  | 8351244  | 80.853   | 165.943 # |
| 34)                         | L7 AR-1260-4    | 7.905 | 6.514 | 21725802 | 2330770  | 247.213  | 67.901 #  |
| 35)                         | L7 AR-1260-5    | 8.224 | 6.756 | 10252978 | 3730455  | 49.794   | 38.241    |
| 36)                         | L8 AR-1262-1    | 7.746 | 6.271 | 1726347  | 7345464  | 12.038   | 109.519 # |
| 37)                         | L8 AR-1262-2    | 8.224 | 6.756 | 10252978 | 3730455  | 41.063   | 30.315 #  |
| 38)                         | L8 AR-1262-3    | 8.541 | 7.089 | 6353919  | 5109536  | 40.331   | 101.548 # |
| 39)                         | L8 AR-1262-4    | 0.000 | 7.089 | 0        | 5109536  | N.D.     | 57.765 #  |
| 41)                         | L9 AR-1268-1    | 8.541 | 7.089 | 6353919  | 5109536  | 17.795   | 28.872 #  |
| 42)                         | L9 AR-1268-2    | 0.000 | 7.089 | 0        | 5109536  | N.D.     | 32.078 #  |
| -----                       |                 |       |       |          |          |          |           |

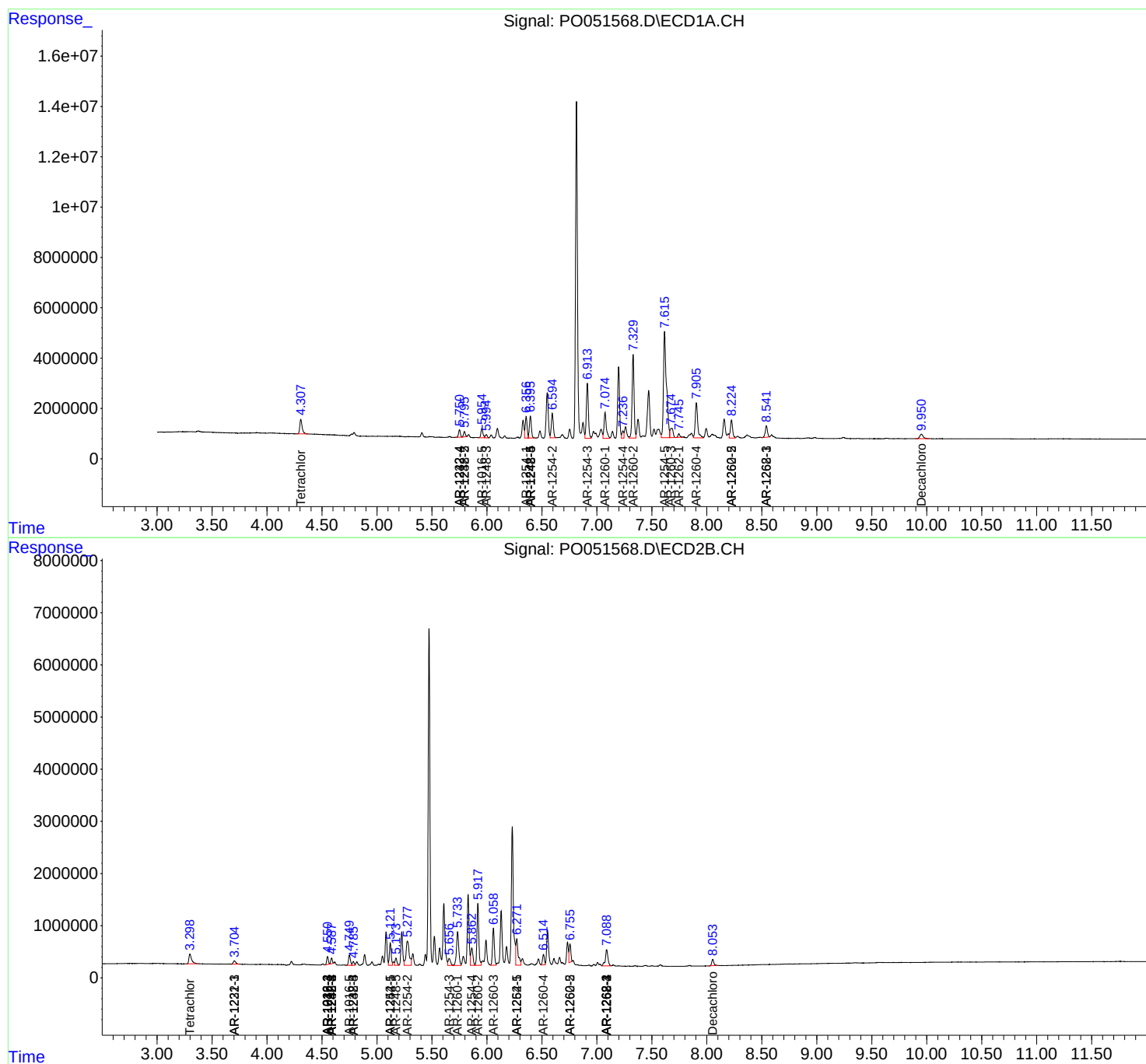
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

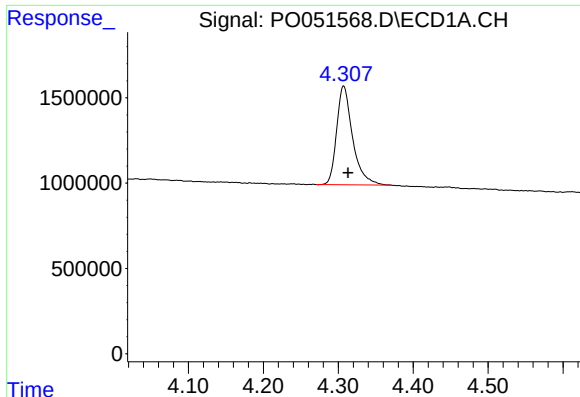
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO111518\  
Data File : P0051568.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 15 Nov 2018 17:04  
Operator : SM/SJ  
Sample : J5883-02DL 5X  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 15 17:23:24 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO111318.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Thu Nov 15 08:04:19 2018  
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

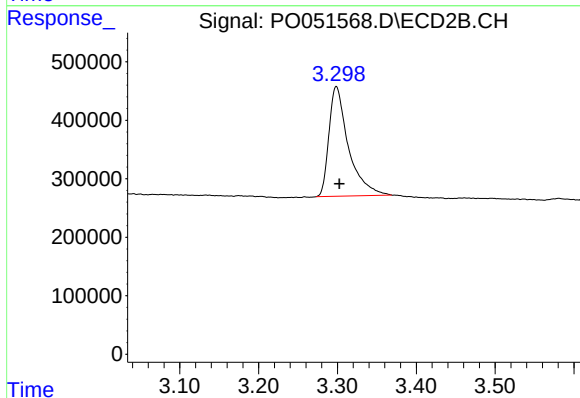




#1 Tetrachloro-m-xylene

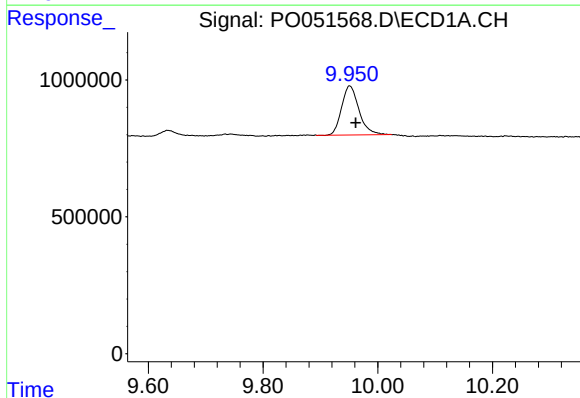
R.T.: 4.307 min  
Delta R.T.: -0.006 min  
Response: 8577546  
Conc: 2.69 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



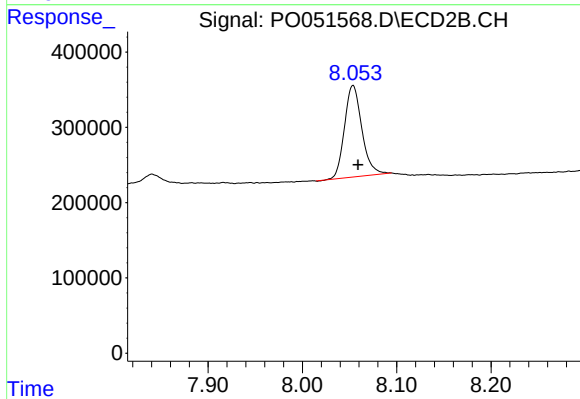
#1 Tetrachloro-m-xylene

R.T.: 3.299 min  
Delta R.T.: -0.004 min  
Response: 3216606  
Conc: 2.92 ng/ml



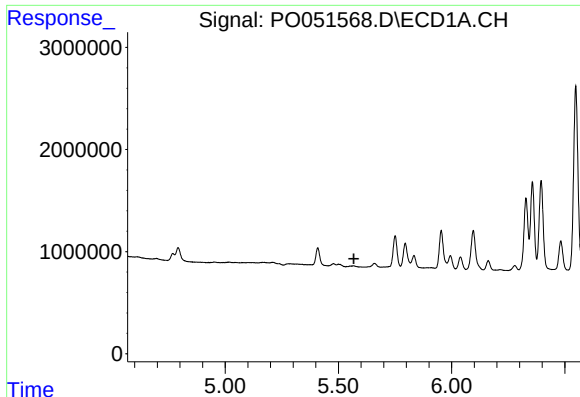
#2 Decachlorobiphenyl

R.T.: 9.951 min  
Delta R.T.: -0.011 min  
Response: 3761544  
Conc: 1.96 ng/ml



#2 Decachlorobiphenyl

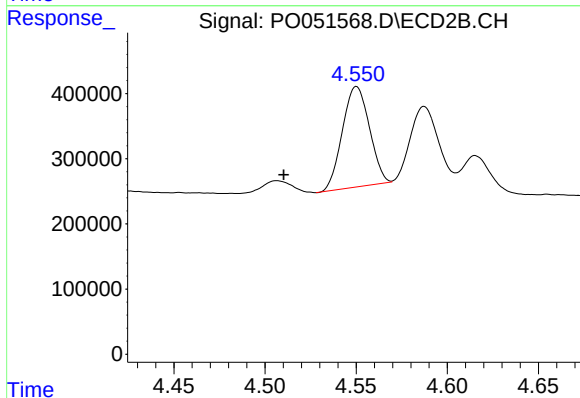
R.T.: 8.054 min  
Delta R.T.: -0.006 min  
Response: 1552090  
Conc: 1.87 ng/ml



#5 AR-1016-3

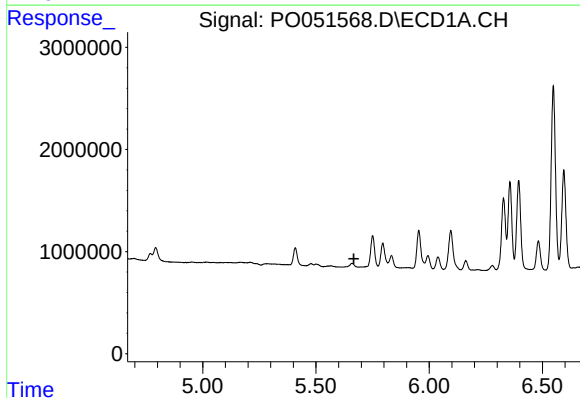
R.T.: 0.000 min  
Exp R.T.: 5.568 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



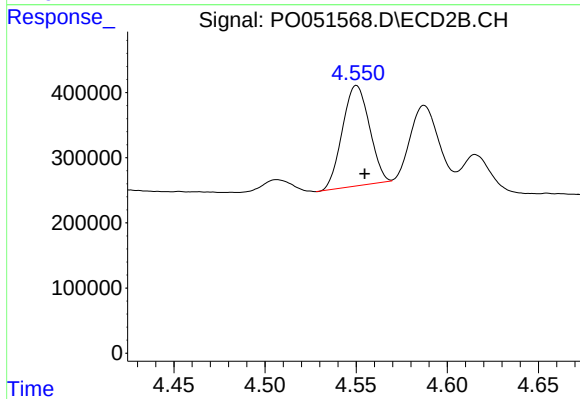
#5 AR-1016-3

R.T.: 4.550 min  
Delta R.T.: 0.040 min  
Response: 1593419  
Conc: 69.63 ng/ml



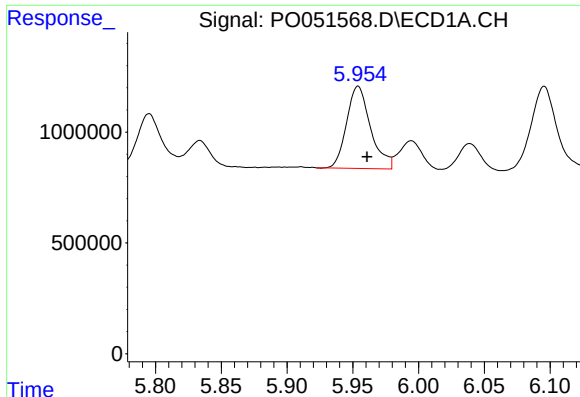
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T.: 5.667 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

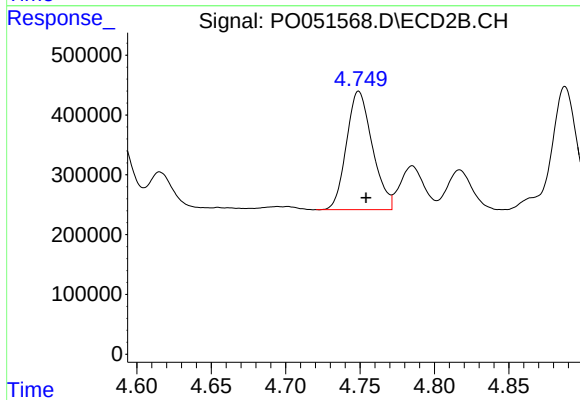
R.T.: 4.550 min  
Delta R.T.: -0.005 min  
Response: 1593419  
Conc: 90.35 ng/ml



#7 AR-1016-5

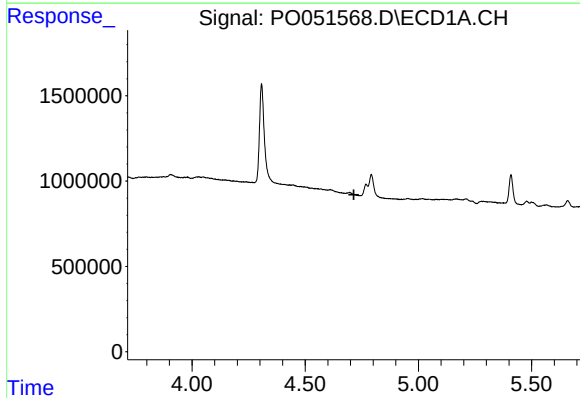
R.T.: 5.954 min  
Delta R.T.: -0.007 min  
Response: 4715414  
Conc: 101.85 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



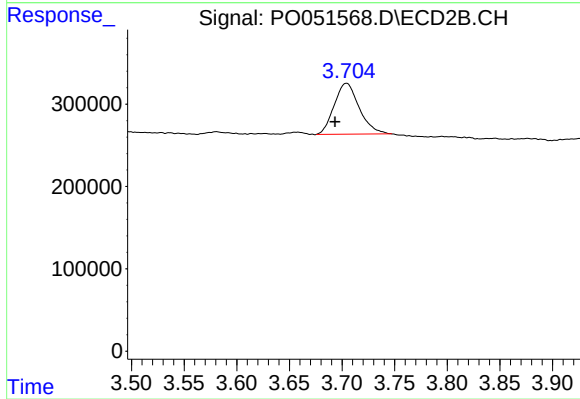
#7 AR-1016-5

R.T.: 4.749 min  
Delta R.T.: -0.005 min  
Response: 2401123  
Conc: 105.47 ng/ml



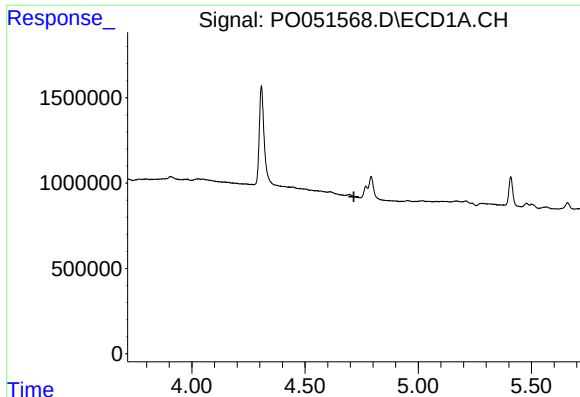
#10 AR-1221-3

R.T.: 0.000 min  
Exp R.T. : 4.715 min  
Response: 0  
Conc: N.D.



#10 AR-1221-3

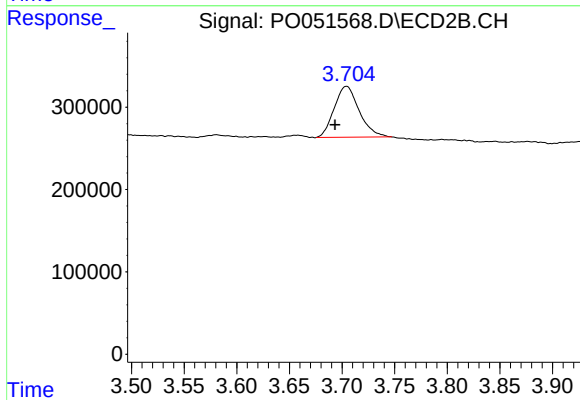
R.T.: 3.704 min  
Delta R.T.: 0.011 min  
Response: 1022874  
Conc: 39.99 ng/ml



#11 AR-1232-1

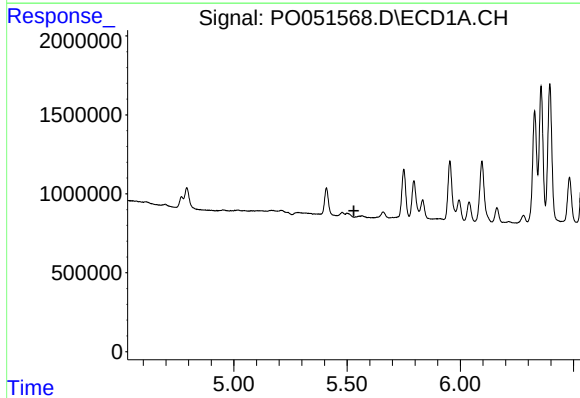
R.T.: 0.000 min  
Exp R.T. : 4.716 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



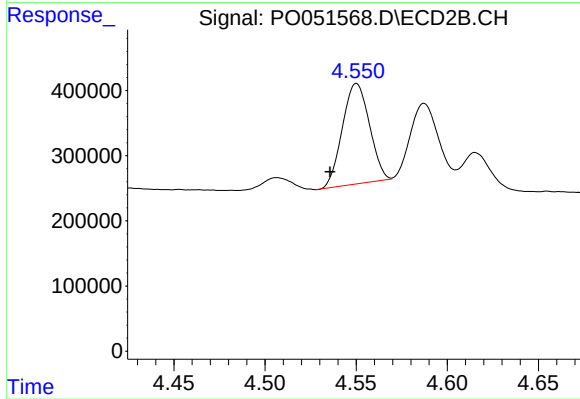
#11 AR-1232-1

R.T.: 3.704 min  
Delta R.T.: 0.011 min  
Response: 1022874  
Conc: 54.92 ng/ml



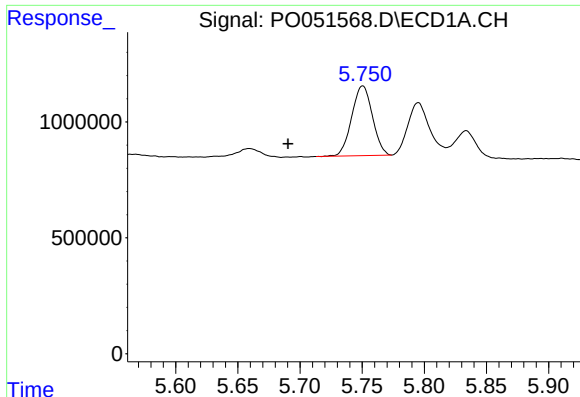
#13 AR-1232-3

R.T.: 0.000 min  
Exp R.T. : 5.530 min  
Response: 0  
Conc: N.D.



#13 AR-1232-3

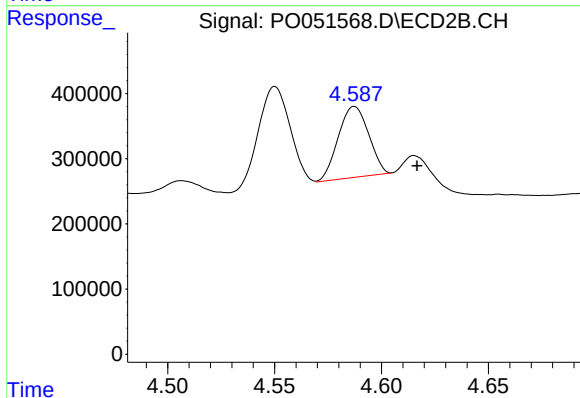
R.T.: 4.550 min  
Delta R.T.: 0.015 min  
Response: 1593419  
Conc: 333.90 ng/ml



#14 AR-1232-4

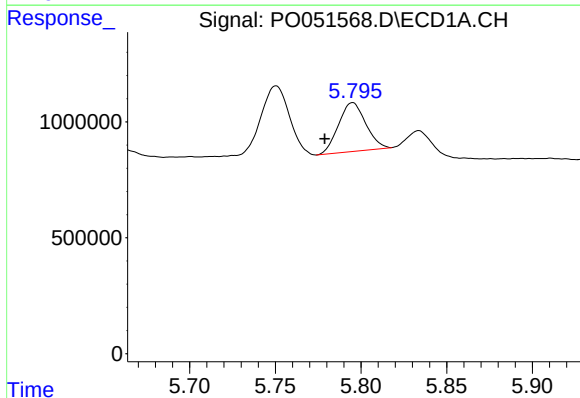
R.T.: 5.751 min  
Delta R.T.: 0.060 min  
Response: 3485821  
Conc: 148.26 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



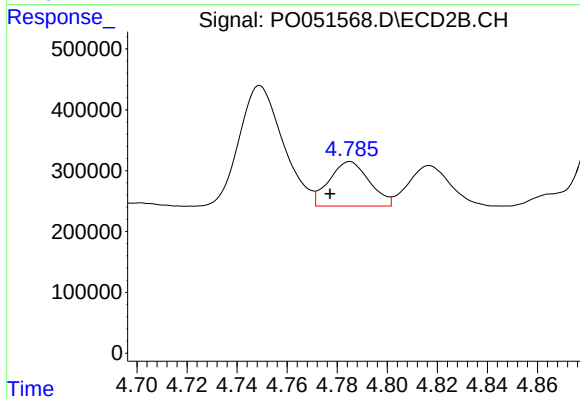
#14 AR-1232-4

R.T.: 4.587 min  
Delta R.T.: -0.029 min  
Response: 1077181  
Conc: 198.83 ng/ml



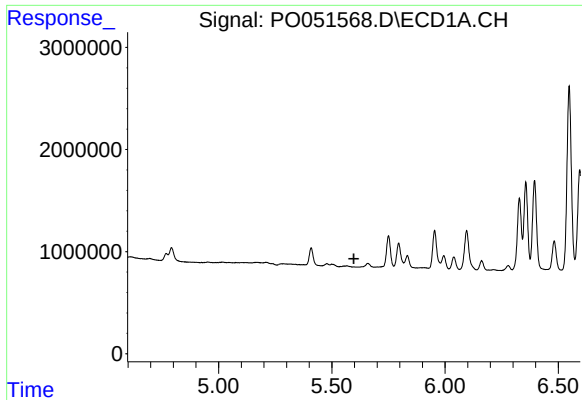
#15 AR-1232-5

R.T.: 5.795 min  
Delta R.T.: 0.016 min  
Response: 2323853  
Conc: 149.54 ng/ml



#15 AR-1232-5

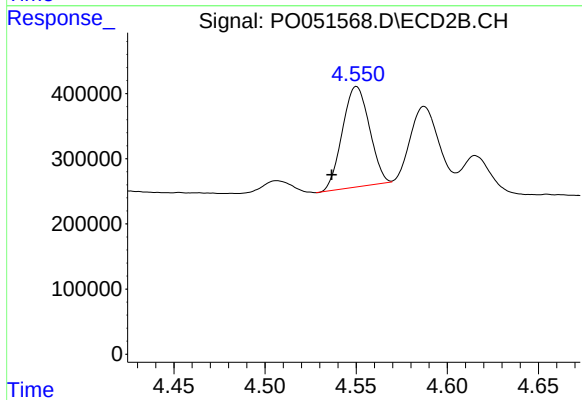
R.T.: 4.785 min  
Delta R.T.: 0.008 min  
Response: 818094  
Conc: 237.24 ng/ml



#18 AR-1242-3

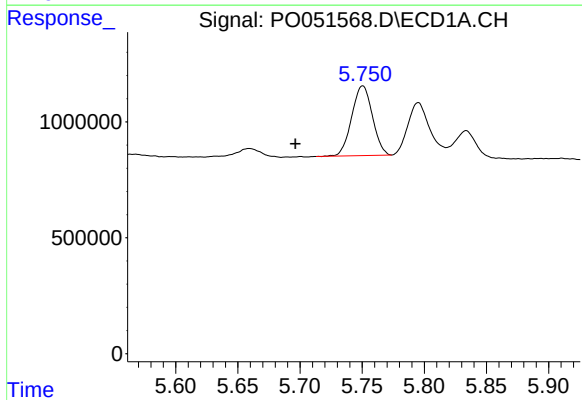
R.T.: 0.000 min  
Exp R.T.: 5.597 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



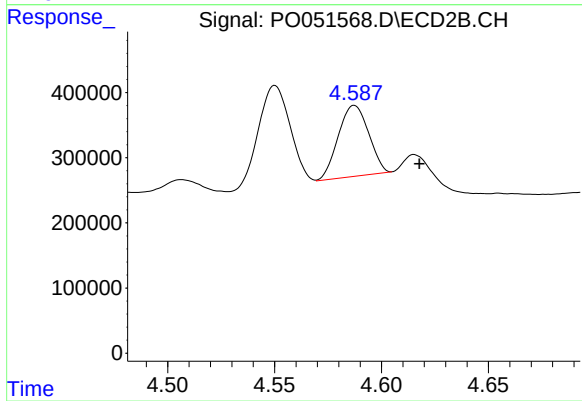
#18 AR-1242-3

R.T.: 4.550 min  
Delta R.T.: 0.014 min  
Response: 1593419  
Conc: 113.50 ng/ml



#19 AR-1242-4

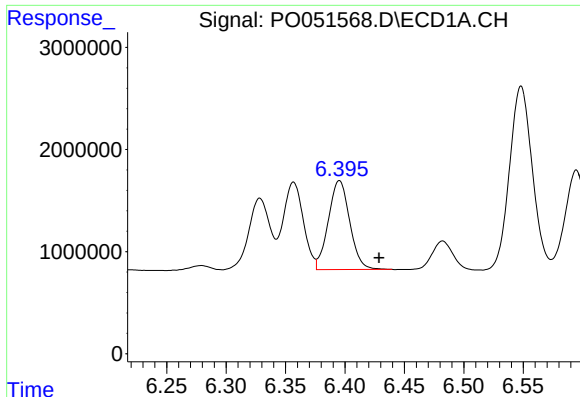
R.T.: 5.751 min  
Delta R.T.: 0.054 min  
Response: 3485821  
Conc: 78.18 ng/ml



#19 AR-1242-4

R.T.: 4.587 min  
Delta R.T.: -0.030 min  
Response: 1077181  
Conc: 181.83 ng/ml

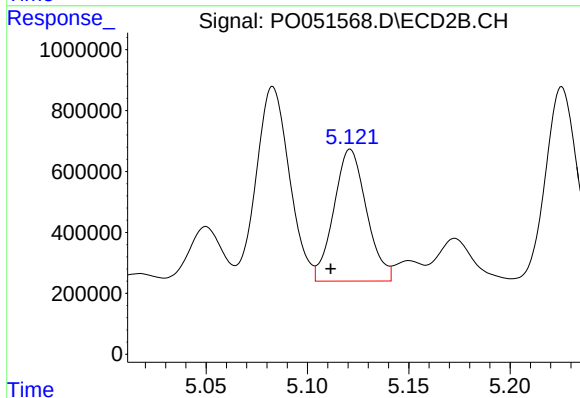




#20 AR-1242-5

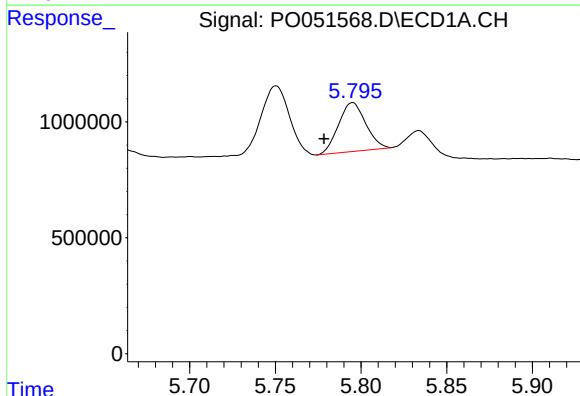
R.T.: 6.395 min  
Delta R.T.: -0.033 min  
Response: 10913936  
Conc: 255.97 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



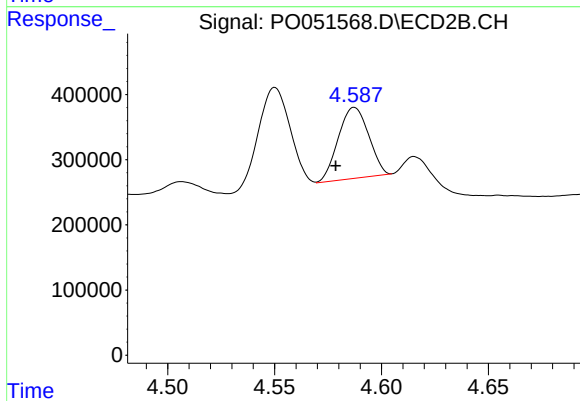
#20 AR-1242-5

R.T.: 5.121 min  
Delta R.T.: 0.010 min  
Response: 4860718  
Conc: 283.98 ng/ml



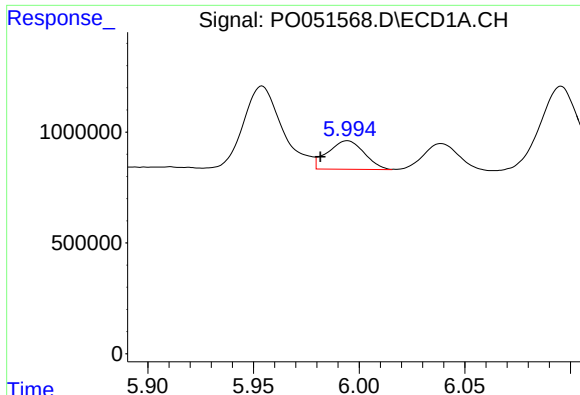
#22 AR-1248-2

R.T.: 5.795 min  
Delta R.T.: 0.017 min  
Response: 2323853  
Conc: 39.32 ng/ml



#22 AR-1248-2

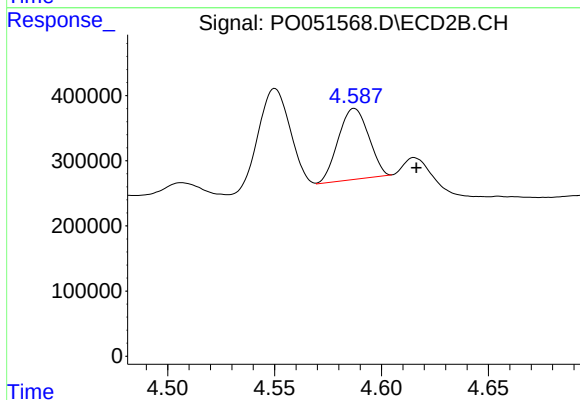
R.T.: 4.587 min  
Delta R.T.: 0.009 min  
Response: 1077181  
Conc: 37.95 ng/ml



#23 AR-1248-3

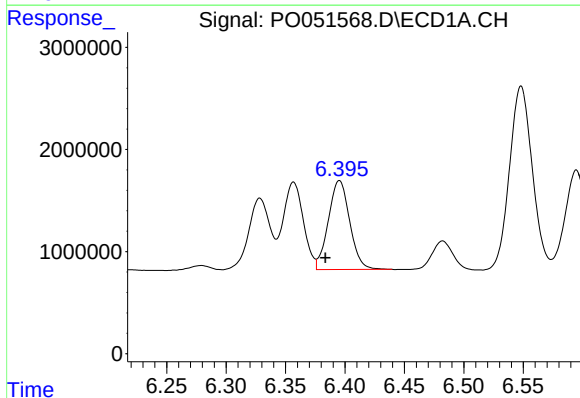
R.T.: 5.994 min  
Delta R.T.: 0.013 min  
Response: 1546772  
Conc: 62.40 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



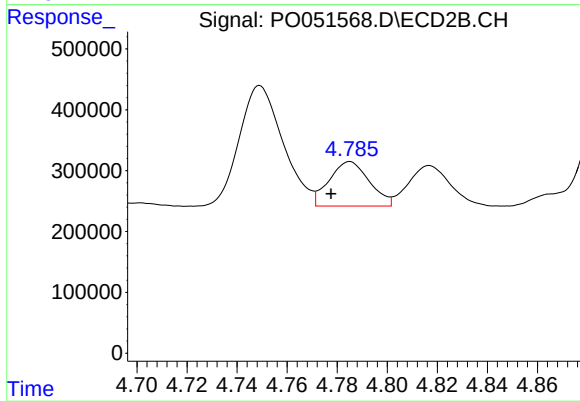
#23 AR-1248-3

R.T.: 4.587 min  
Delta R.T.: -0.029 min  
Response: 1077181  
Conc: 107.79 ng/ml



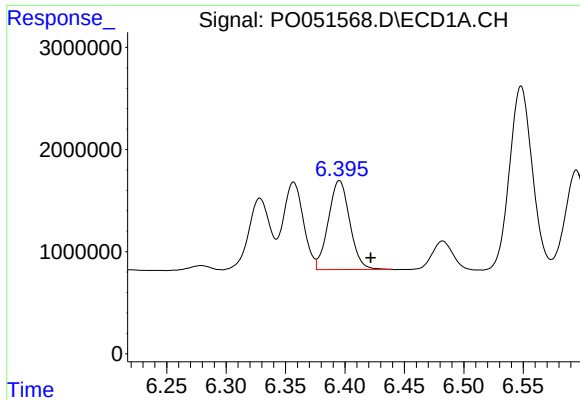
#24 AR-1248-4

R.T.: 6.395 min  
Delta R.T.: 0.012 min  
Response: 10913936  
Conc: 138.52 ng/ml



#24 AR-1248-4

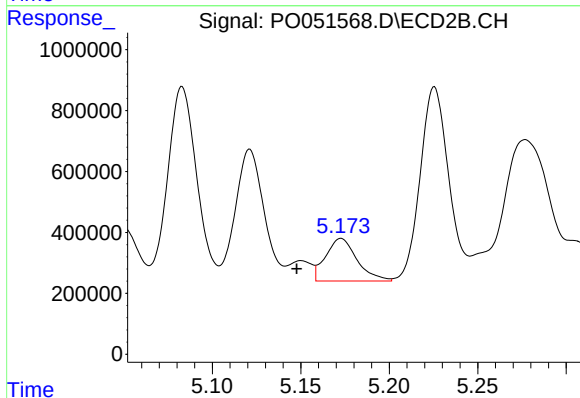
R.T.: 4.785 min  
Delta R.T.: 0.008 min  
Response: 818094  
Conc: 71.68 ng/ml



#25 AR-1248-5

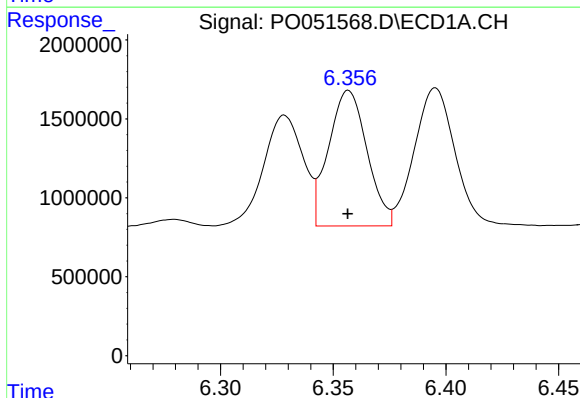
R.T.: 6.395 min  
Delta R.T.: -0.026 min  
Response: 10913936  
Conc: 138.52 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



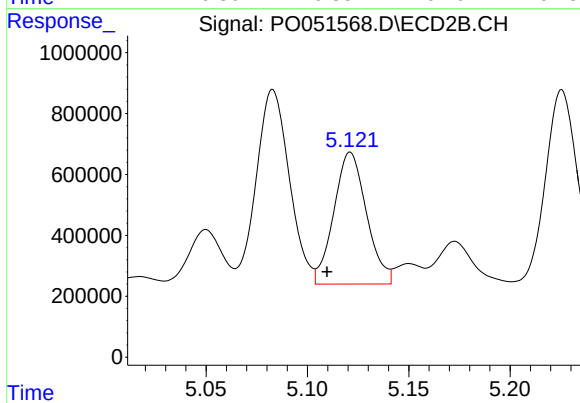
#25 AR-1248-5

R.T.: 5.173 min  
Delta R.T.: 0.025 min  
Response: 1730452  
Conc: 60.39 ng/ml



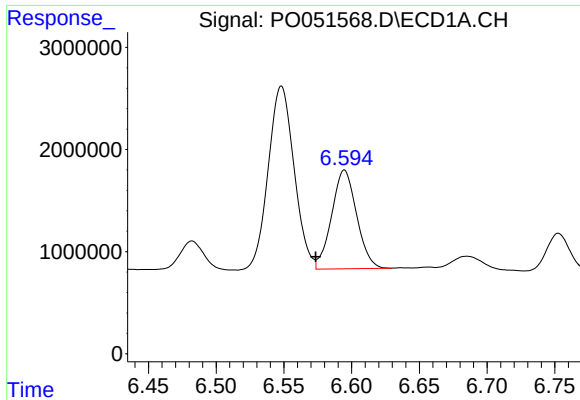
#26 AR-1254-1

R.T.: 6.357 min  
Delta R.T.: 0.000 min  
Response: 10186346  
Conc: 262.48 ng/ml



#26 AR-1254-1

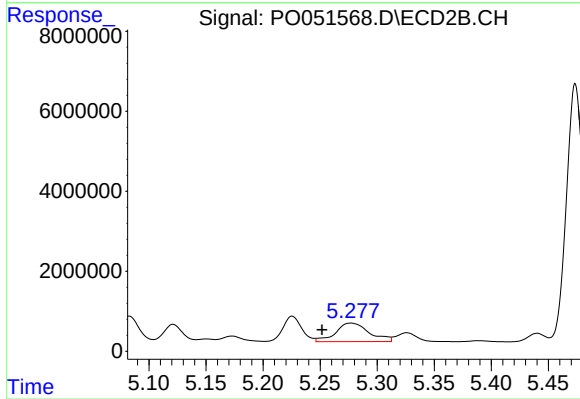
R.T.: 5.121 min  
Delta R.T.: 0.011 min  
Response: 4860718  
Conc: 100.52 ng/ml



#27 AR-1254-2

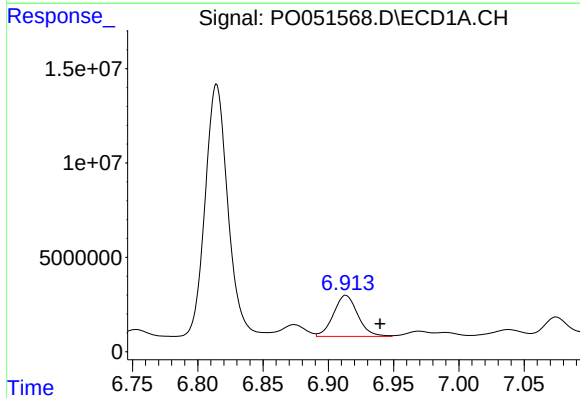
R.T.: 6.595 min  
Delta R.T.: 0.021 min  
Response: 12411478  
Conc: 105.71 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



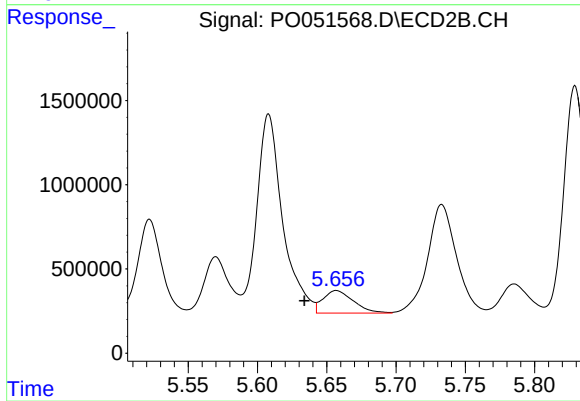
#27 AR-1254-2

R.T.: 5.277 min  
Delta R.T.: 0.025 min  
Response: 9480621  
Conc: 232.10 ng/ml



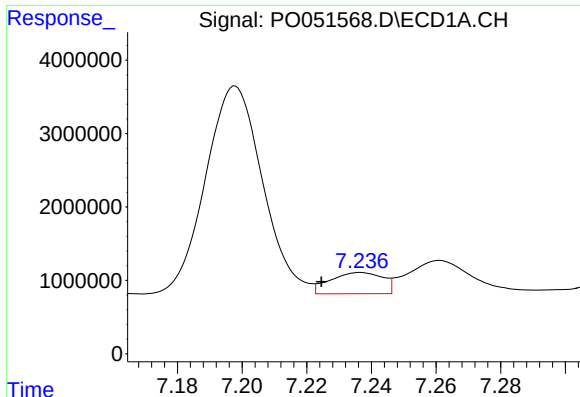
#28 AR-1254-3

R.T.: 6.913 min  
Delta R.T.: -0.026 min  
Response: 28175867  
Conc: 230.27 ng/ml



#28 AR-1254-3

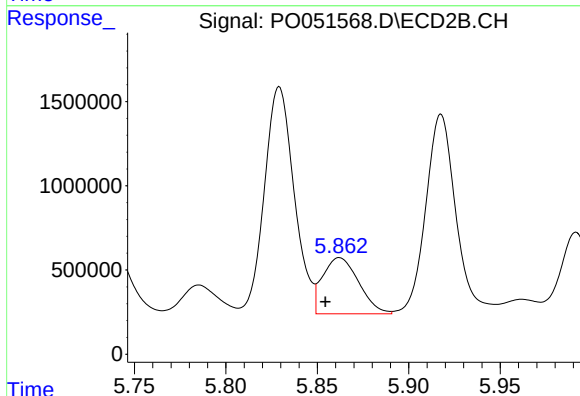
R.T.: 5.657 min  
Delta R.T.: 0.023 min  
Response: 2054576  
Conc: 31.06 ng/ml



#29 AR-1254-4

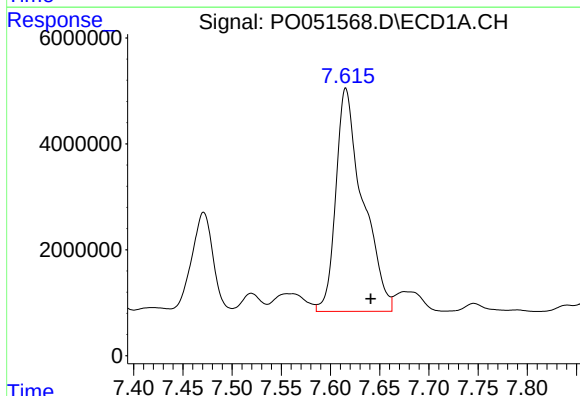
R.T.: 7.237 min  
Delta R.T.: 0.012 min  
Response: 3257609  
Conc: 33.09 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



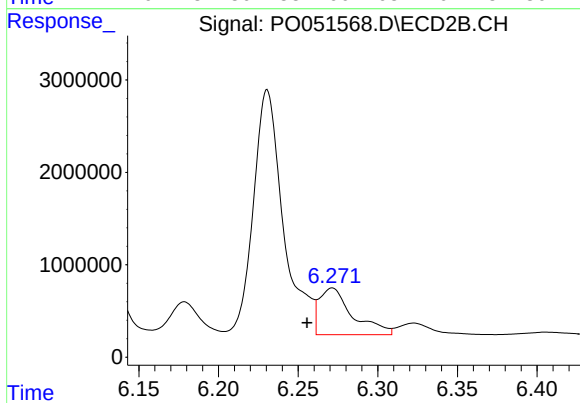
#29 AR-1254-4

R.T.: 5.862 min  
Delta R.T.: 0.008 min  
Response: 4575344  
Conc: 591.62 ng/ml



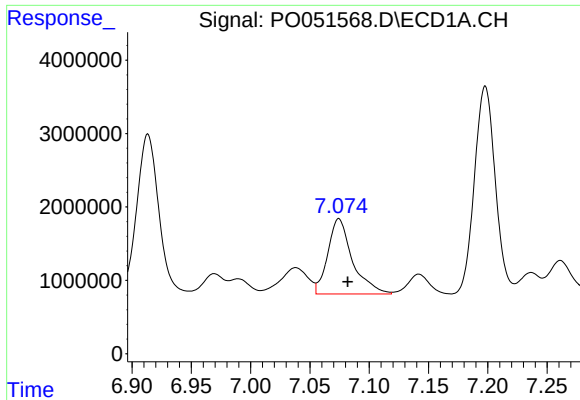
#30 AR-1254-5

R.T.: 7.616 min  
Delta R.T.: -0.025 min  
Response: 79971289  
Conc: 4693.28 ng/ml



#30 AR-1254-5

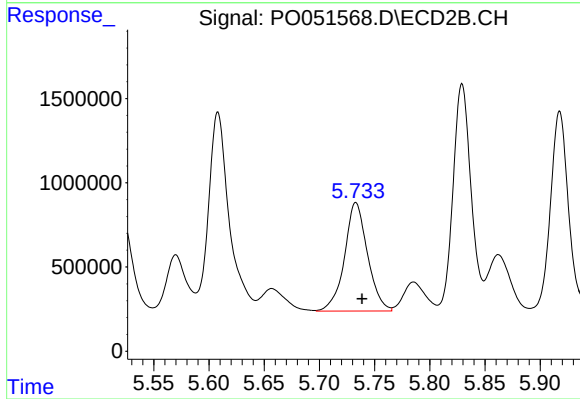
R.T.: 6.271 min  
Delta R.T.: 0.016 min  
Response: 7345464  
Conc: 127.47 ng/ml



#31 AR-1260-1

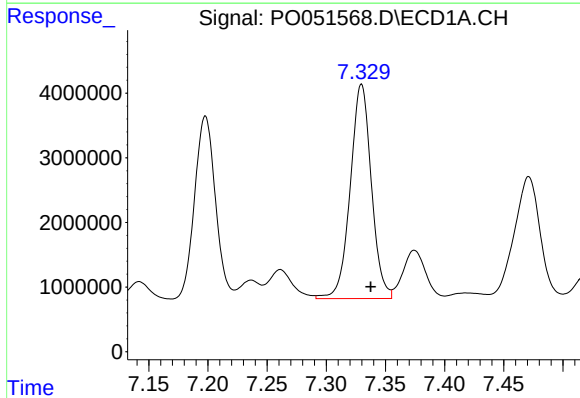
R.T.: 7.074 min  
Delta R.T.: -0.008 min  
Response: 14853008  
Conc: 166.75 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



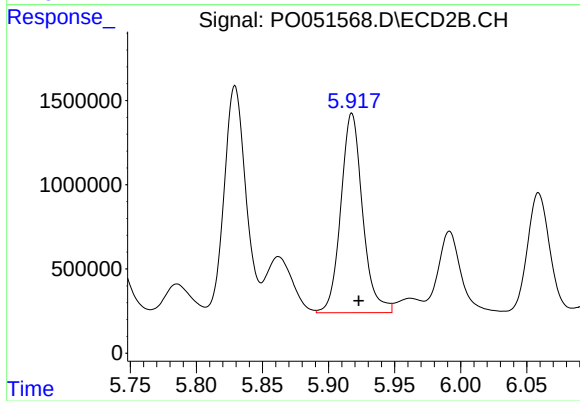
#31 AR-1260-1

R.T.: 5.733 min  
Delta R.T.: -0.006 min  
Response: 9353018  
Conc: 216.71 ng/ml



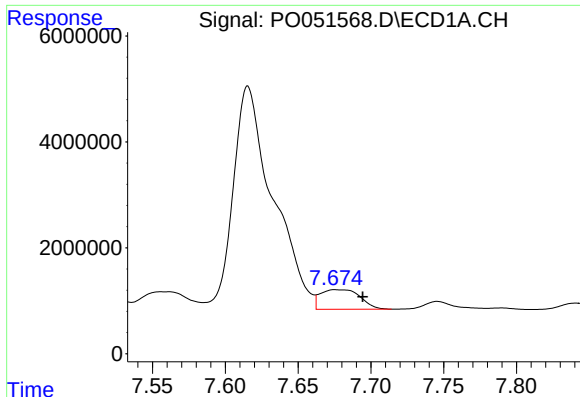
#32 AR-1260-2

R.T.: 7.330 min  
Delta R.T.: -0.008 min  
Response: 41188484  
Conc: 324.35 ng/ml



#32 AR-1260-2

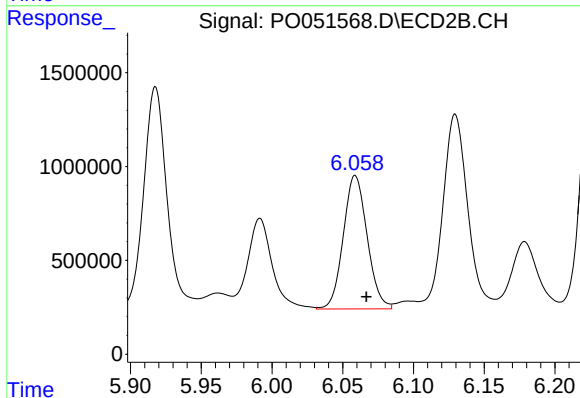
R.T.: 5.918 min  
Delta R.T.: -0.005 min  
Response: 13593142  
Conc: 239.05 ng/ml



#33 AR-1260-3

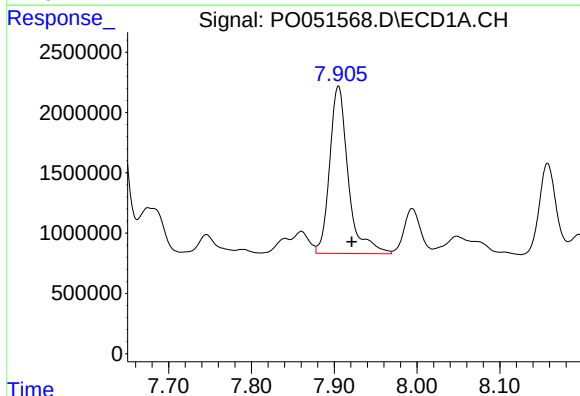
R.T.: 7.675 min  
Delta R.T.: -0.019 min  
Response: 7027195  
Conc: 80.85 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



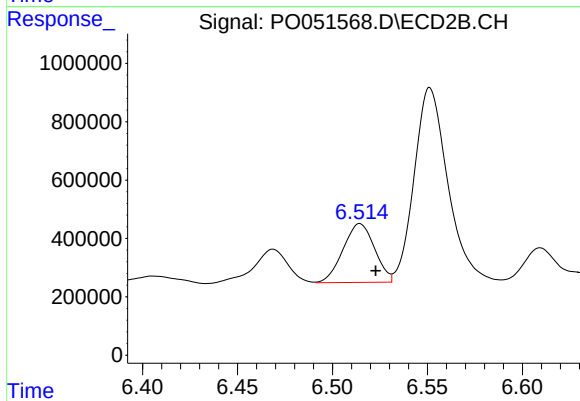
#33 AR-1260-3

R.T.: 6.059 min  
Delta R.T.: -0.008 min  
Response: 8351244  
Conc: 165.94 ng/ml



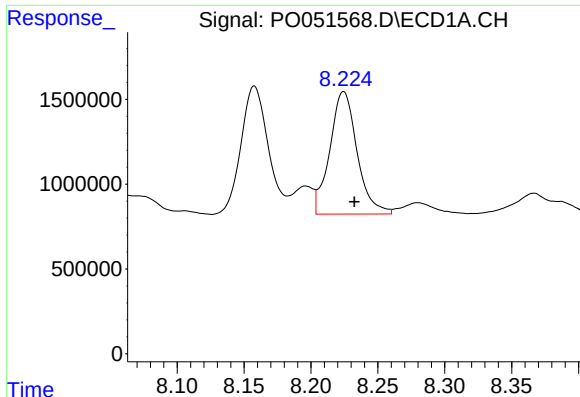
#34 AR-1260-4

R.T.: 7.905 min  
Delta R.T.: -0.016 min  
Response: 21725802  
Conc: 247.21 ng/ml



#34 AR-1260-4

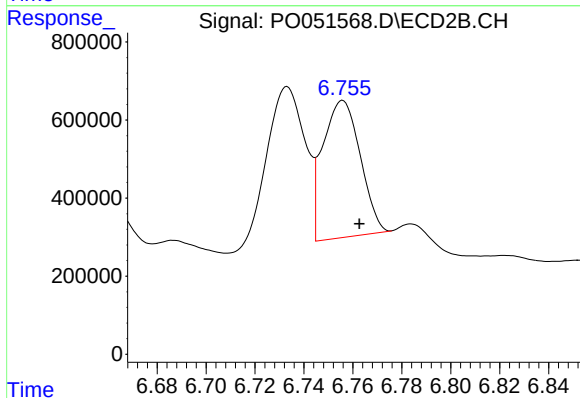
R.T.: 6.514 min  
Delta R.T.: -0.008 min  
Response: 2330770  
Conc: 67.90 ng/ml



#35 AR-1260-5

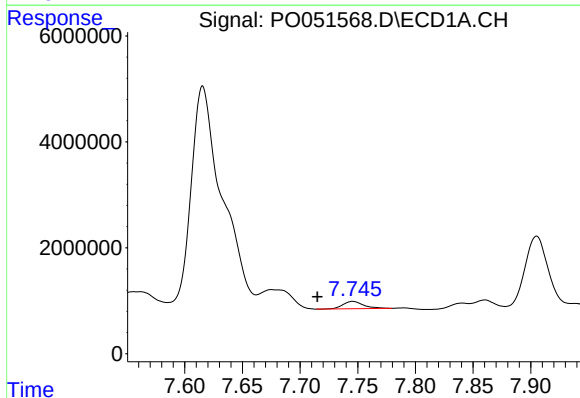
R.T.: 8.224 min  
Delta R.T.: -0.008 min  
Response: 10252978  
Conc: 49.79 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



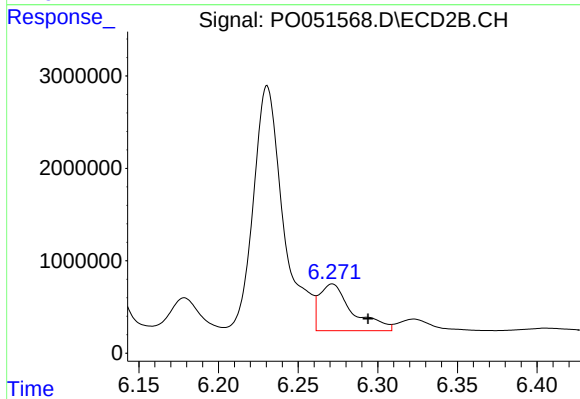
#35 AR-1260-5

R.T.: 6.756 min  
Delta R.T.: -0.007 min  
Response: 3730455  
Conc: 38.24 ng/ml



#36 AR-1262-1

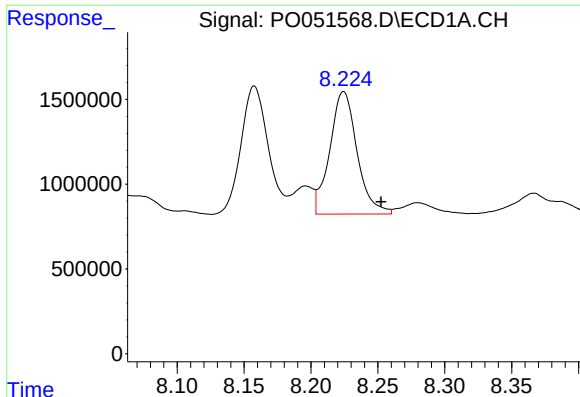
R.T.: 7.746 min  
Delta R.T.: 0.030 min  
Response: 1726347  
Conc: 12.04 ng/ml



#36 AR-1262-1

R.T.: 6.271 min  
Delta R.T.: -0.022 min  
Response: 7345464  
Conc: 109.52 ng/ml

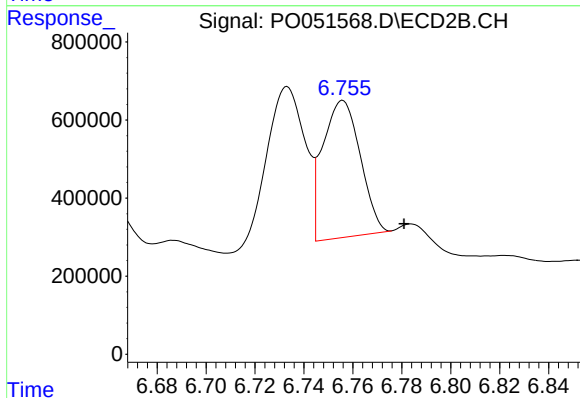




#37 AR-1262-2

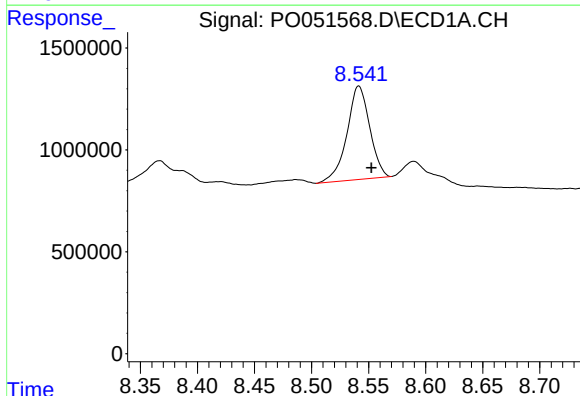
R.T.: 8.224 min  
Delta R.T.: -0.028 min  
Response: 10252978  
Conc: 41.06 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



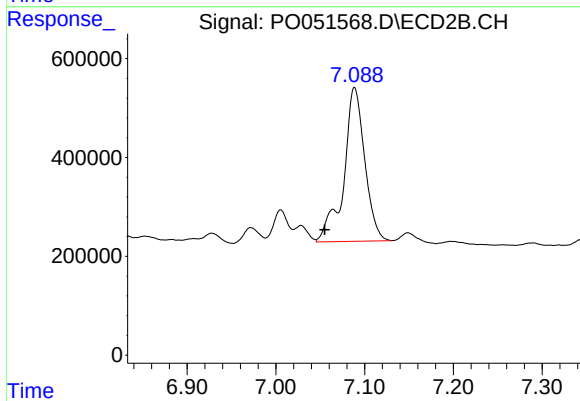
#37 AR-1262-2

R.T.: 6.756 min  
Delta R.T.: -0.025 min  
Response: 3730455  
Conc: 30.32 ng/ml



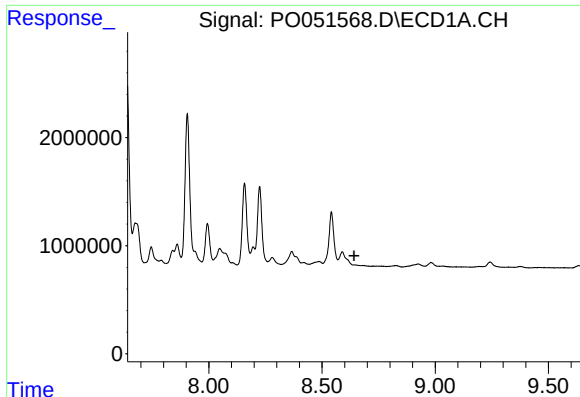
#38 AR-1262-3

R.T.: 8.541 min  
Delta R.T.: -0.011 min  
Response: 6353919  
Conc: 40.33 ng/ml



#38 AR-1262-3

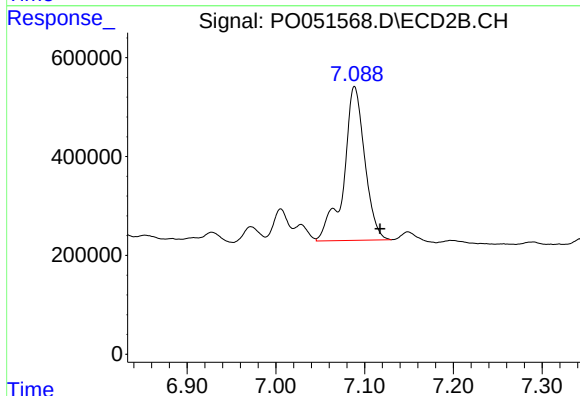
R.T.: 7.089 min  
Delta R.T.: 0.034 min  
Response: 5109536  
Conc: 101.55 ng/ml



#39 AR-1262-4

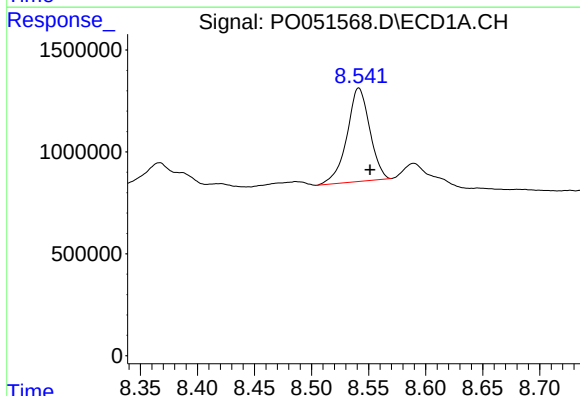
R.T.: 0.000 min  
Exp R.T.: 8.641 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



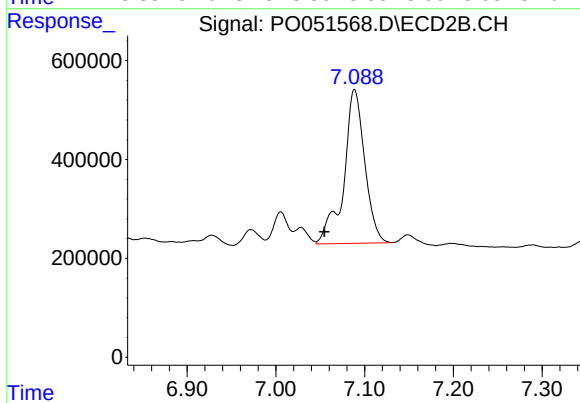
#39 AR-1262-4

R.T.: 7.089 min  
Delta R.T.: -0.029 min  
Response: 5109536  
Conc: 57.76 ng/ml



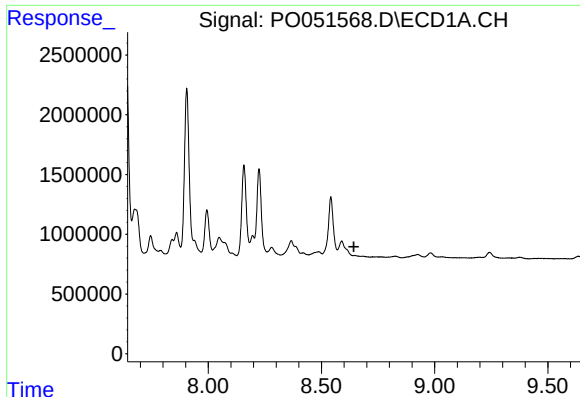
#41 AR-1268-1

R.T.: 8.541 min  
Delta R.T.: -0.010 min  
Response: 6353919  
Conc: 17.79 ng/ml



#41 AR-1268-1

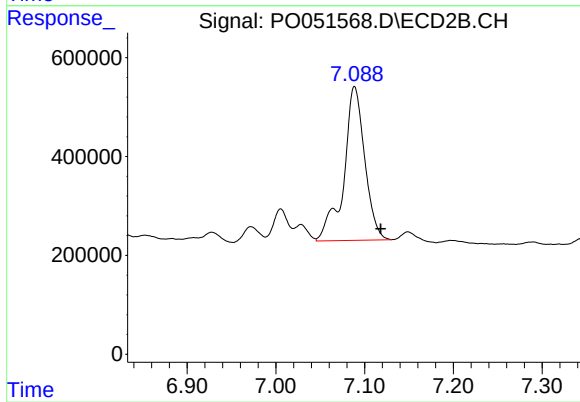
R.T.: 7.089 min  
Delta R.T.: 0.034 min  
Response: 5109536  
Conc: 28.87 ng/ml



#42 AR-1268-2

R.T.: 0.000 min  
Exp R.T.: 8.643 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



#42 AR-1268-2

R.T.: 7.089 min  
Delta R.T.: -0.029 min  
Response: 5109536  
Conc: 32.08 ng/ml