

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO101620\  
 Data File : PO072454.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 16 Oct 2020 22:18  
 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: Oct 17 06:26:51 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO101420.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Oct 14 17:47:24 2020  
 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... | 4.322  | 3.504 | 4543738 | 2163184 | 53.570   | 51.355     |
| 2)                          | SA Decachlor... | 9.924  | 8.672 | 5122531 | 2382271 | 46.440   | 46.083     |
| Target Compounds            |                 |        |       |         |         |          |            |
| 3)                          | L1 AR-1016-1    | 5.624  | 4.723 | 46893   | 26888   | 14.227   | 15.635     |
| 4)                          | L1 AR-1016-2    | 5.648  | 4.740 | 62361   | 19345   | 13.344   | 7.875 #    |
| 6)                          | L1 AR-1016-4    | 0.000  | 4.984 | 0       | 568573  | N.D.     | 539.992 #  |
| 7)                          | L1 AR-1016-5    | 6.123  | 5.203 | 629596  | 356447  | 310.055  | 270.685    |
| 9)                          | L2 AR-1221-2    | 4.666  | 3.843 | 66079   | 31258   | 104.377  | 81.649     |
| 12)                         | L3 AR-1232-2    | 5.331  | 4.740 | 1287    | 19345   | 1.352    | 18.648 #   |
| 13)                         | L3 AR-1232-3    | 5.648  | 0.000 | 62361   | 0       | 31.826   | N.D. #     |
| 14)                         | L3 AR-1232-4    | 0.000  | 5.024 | 0       | 173226  | N.D.     | 393.438 #  |
| 15)                         | L3 AR-1232-5    | 5.912  | 5.203 | 1107099 | 356447  | 1846.299 | 697.699 #  |
| 16)                         | L4 AR-1242-1    | 5.624  | 4.723 | 46893   | 26888   | 19.255   | 20.802     |
| 17)                         | L4 AR-1242-2    | 5.648  | 4.740 | 62361   | 19345   | 17.716   | 10.564 #   |
| 19)                         | L4 AR-1242-4    | 0.000  | 5.024 | 0       | 173226  | N.D.     | 195.563 #  |
| 20)                         | L4 AR-1242-5    | 6.585  | 5.576 | 690220  | 1424987 | 296.080  | 1037.922 # |
| 21)                         | L5 AR-1248-1    | 5.624  | 4.723 | 46893   | 26888   | 25.084   | 26.435     |
| 22)                         | L5 AR-1248-2    | 5.912  | 4.984 | 1107099 | 568573  | 442.491  | 398.755    |
| 23)                         | L5 AR-1248-3    | 6.123  | 5.024 | 629596  | 173226  | 217.312  | 128.985 #  |
| 24)                         | L5 AR-1248-4    | 6.548  | 5.203 | 1229200 | 356447  | 277.962  | 212.259    |
| 25)                         | L5 AR-1248-5    | 6.585  | 5.618 | 690220  | 208029  | 175.576  | 112.629 #  |
| 26)                         | L6 AR-1254-1    | 6.515  | 5.576 | 2115513 | 1424987 | 500.781  | 515.517    |
| 27)                         | L6 AR-1254-2    | 6.742  | 5.737 | 3499453 | 1258833 | 539.963  | 517.768    |
| 28)                         | L6 AR-1254-3    | 7.118  | 6.145 | 3695122 | 1984212 | 543.658  | 515.637    |
| 29)                         | L6 AR-1254-4    | 7.413  | 6.386 | 3449849 | 1362939 | 520.476  | 507.564    |
| 30)                         | L6 AR-1254-5    | 7.834  | 6.807 | 3240074 | 1849204 | 505.811  | 504.597    |
| 31)                         | L7 AR-1260-1    | 7.280  | 6.282 | 1619312 | 1013875 | 332.288  | 396.321    |
| 32)                         | L7 AR-1260-2    | 7.546  | 6.482 | 2036292 | 864015  | 265.393  | 267.950    |
| 33)                         | L7 AR-1260-3    | 7.892  | 6.623 | 420851  | 836641  | 65.668   | 278.763 #  |
| 34)                         | L7 AR-1260-4    | 8.126  | 7.103 | 1191852 | 95813   | 195.833  | 36.341 #   |
| 35)                         | L7 AR-1260-5    | 8.445  | 7.355 | 477730  | 239922  | 32.885   | 36.723     |
| 36)                         | L8 AR-1262-1    | 7.892  | 6.807 | 420851  | 1849204 | 44.376   | 969.132 #  |
| 37)                         | L8 AR-1262-2    | 8.445  | 7.355 | 477730  | 239922  | 29.890   | 35.921     |
| 38)                         | L8 AR-1262-3    | 8.736f | 0.000 | 363037  | 0       | 51.953   | N.D. #     |
| 39)                         | L8 AR-1262-4    | 8.780  | 7.692 | 183731  | 229295  | 45.975   | 44.491     |
| 41)                         | L9 AR-1268-1    | 8.736f | 0.000 | 363037  | 0       | 18.857   | N.D. #     |
| 42)                         | L9 AR-1268-2    | 8.780  | 7.692 | 183731  | 229295  | 11.129   | 31.515 #   |
| 45)                         | L9 AR-1268-5    | 0.000  | 8.459 | 0       | 19187   | N.D.     | 0.998 #    |
| -----                       |                 |        |       |         |         |          |            |

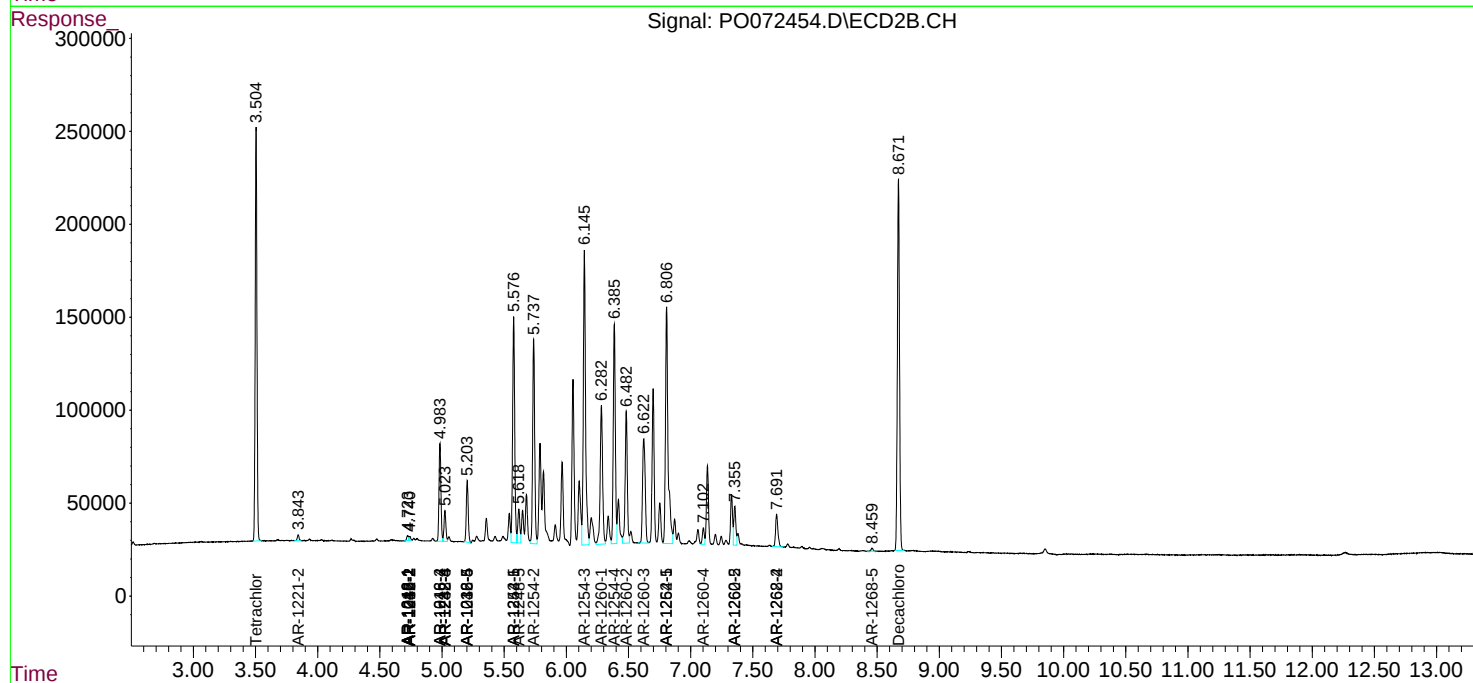
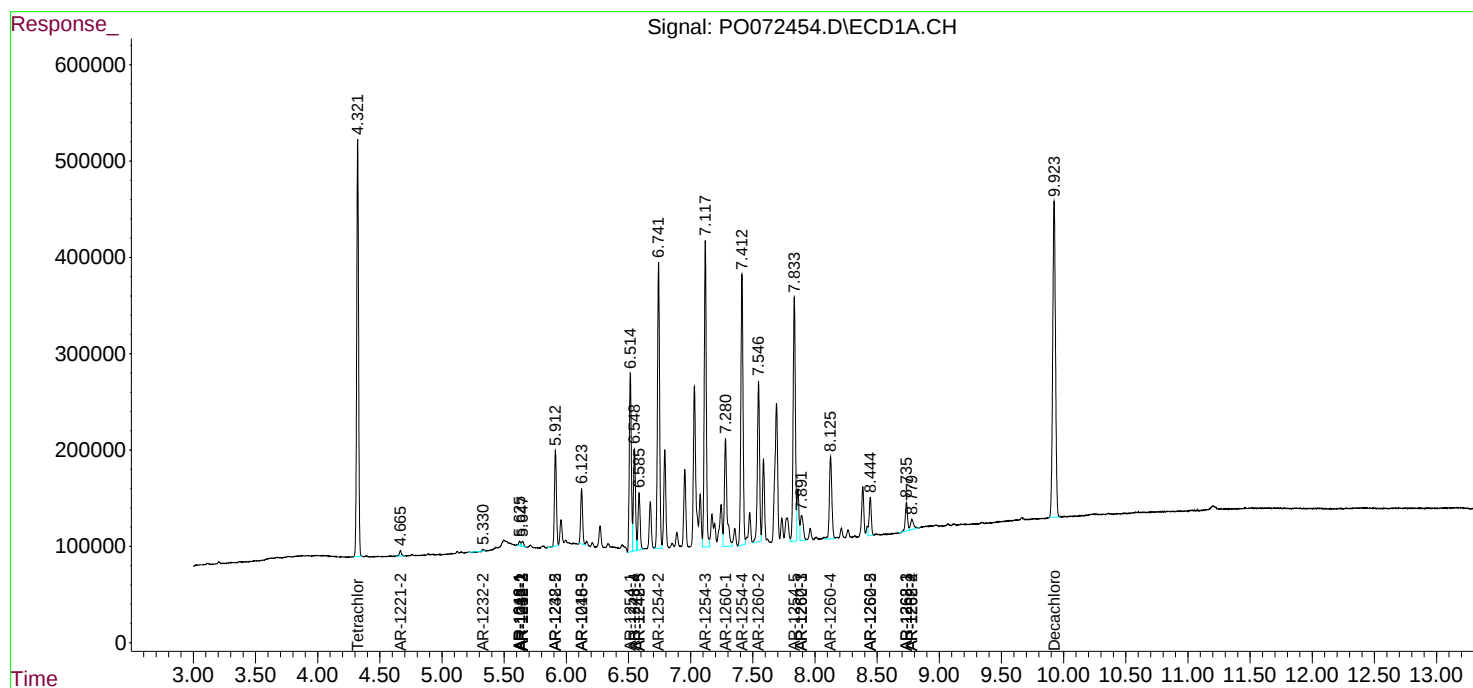
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

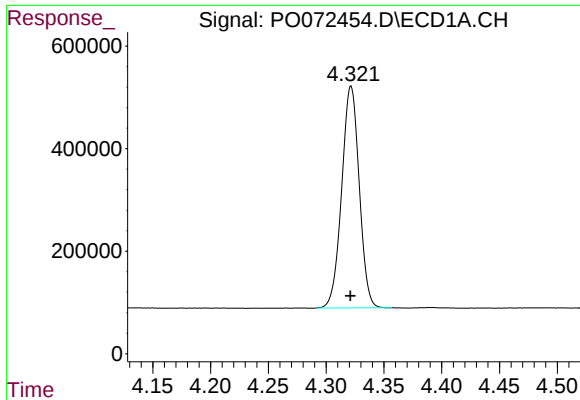
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO101620\  
Data File : PO072454.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 16 Oct 2020 22:18  
Operator : DD\AJ  
Sample : AR1254CCC500  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 17 06:26:51 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO101420.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Oct 14 17:47:24 2020  
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

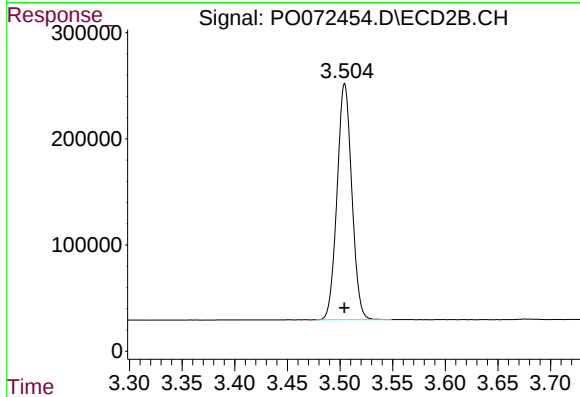




#1 Tetrachloro-m-xylene

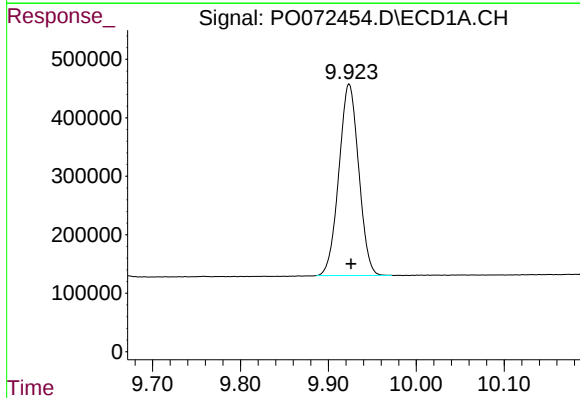
R.T.: 4.322 min  
Delta R.T.: 0.000 min  
Response: 4543738  
Conc: 53.57 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



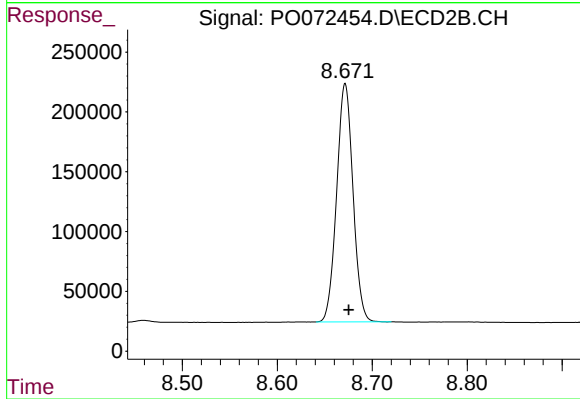
#1 Tetrachloro-m-xylene

R.T.: 3.504 min  
Delta R.T.: 0.000 min  
Response: 2163184  
Conc: 51.36 ng/ml



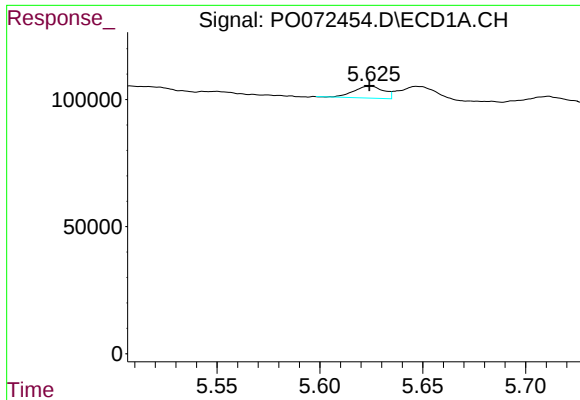
#2 Decachlorobiphenyl

R.T.: 9.924 min  
Delta R.T.: -0.002 min  
Response: 5122531  
Conc: 46.44 ng/ml



#2 Decachlorobiphenyl

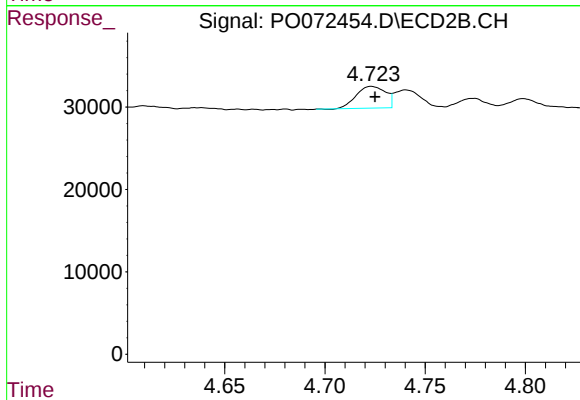
R.T.: 8.672 min  
Delta R.T.: -0.004 min  
Response: 2382271  
Conc: 46.08 ng/ml



#3 AR-1016-1

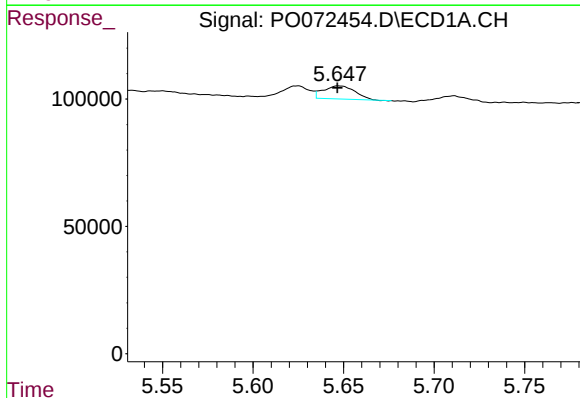
R.T.: 5.624 min  
Delta R.T.: 0.000 min  
Response: 46893  
Conc: 14.23 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



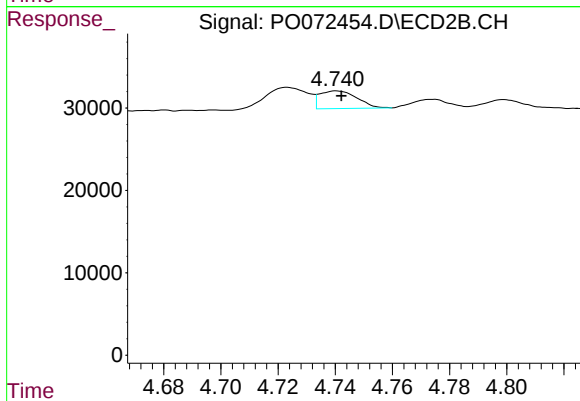
#3 AR-1016-1

R.T.: 4.723 min  
Delta R.T.: -0.002 min  
Response: 26888  
Conc: 15.63 ng/ml



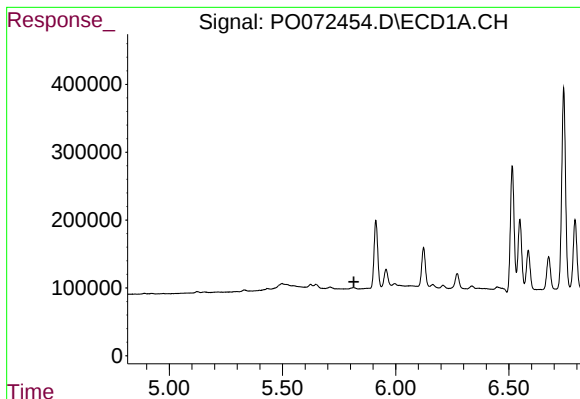
#4 AR-1016-2

R.T.: 5.648 min  
Delta R.T.: 0.000 min  
Response: 62361  
Conc: 13.34 ng/ml



#4 AR-1016-2

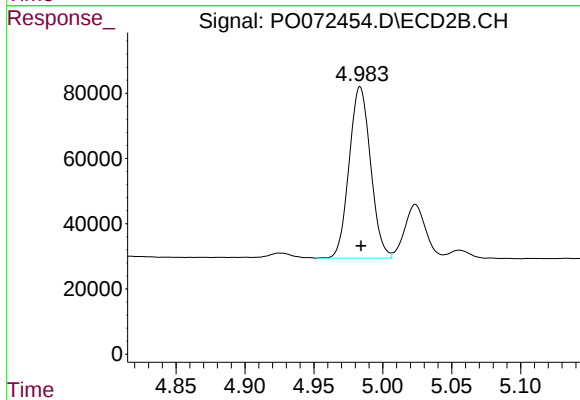
R.T.: 4.740 min  
Delta R.T.: -0.002 min  
Response: 19345  
Conc: 7.88 ng/ml



#6 AR-1016-4

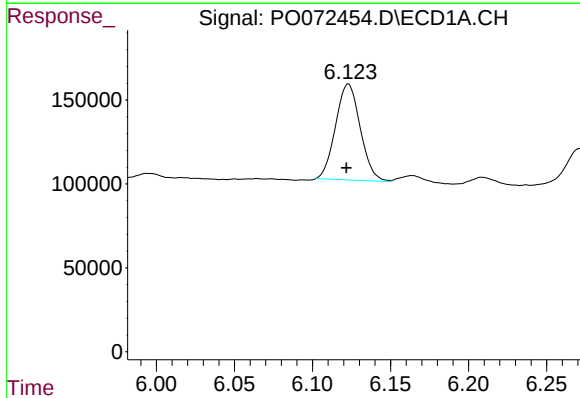
R.T.: 0.000 min  
Exp R.T.: 5.815 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



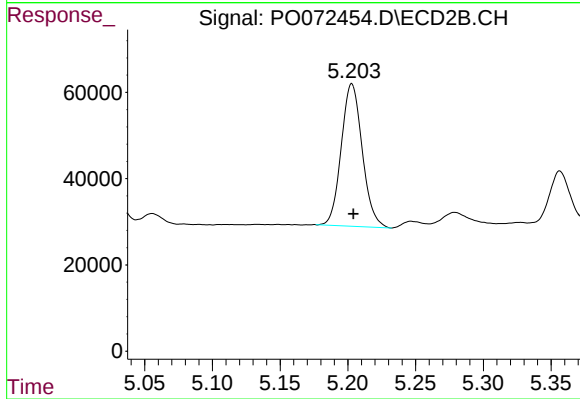
#6 AR-1016-4

R.T.: 4.984 min  
Delta R.T.: 0.000 min  
Response: 568573  
Conc: 539.99 ng/ml



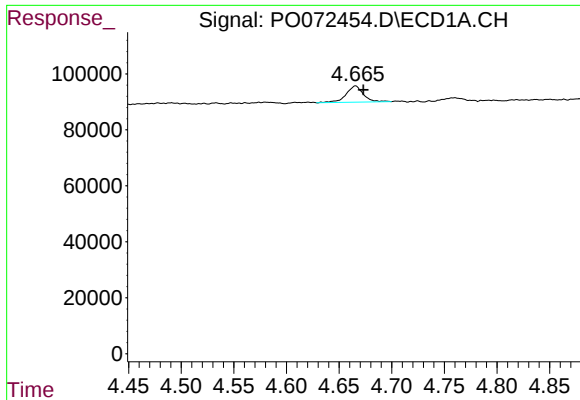
#7 AR-1016-5

R.T.: 6.123 min  
Delta R.T.: 0.001 min  
Response: 629596  
Conc: 310.06 ng/ml



#7 AR-1016-5

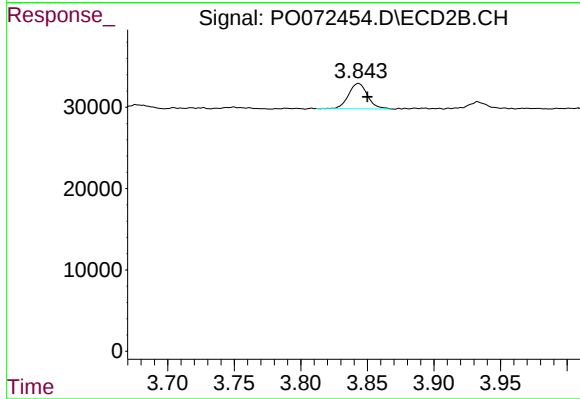
R.T.: 5.203 min  
Delta R.T.: -0.001 min  
Response: 356447  
Conc: 270.68 ng/ml



#9 AR-1221-2

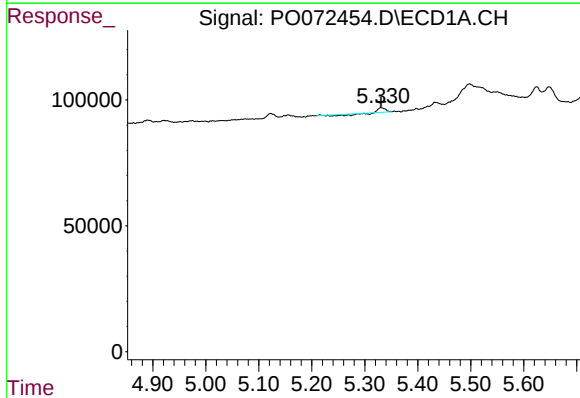
R.T.: 4.666 min  
Delta R.T.: -0.007 min  
Response: 66079  
Conc: 104.38 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



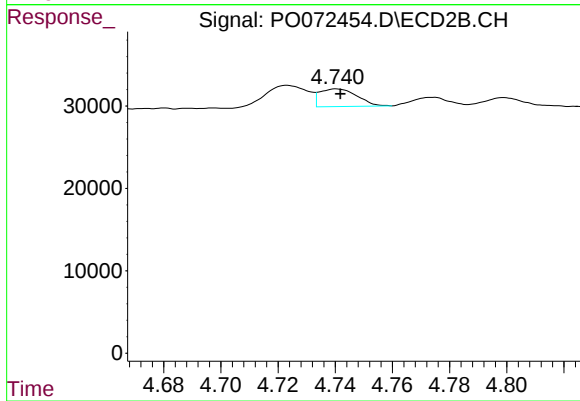
#9 AR-1221-2

R.T.: 3.843 min  
Delta R.T.: -0.007 min  
Response: 31258  
Conc: 81.65 ng/ml



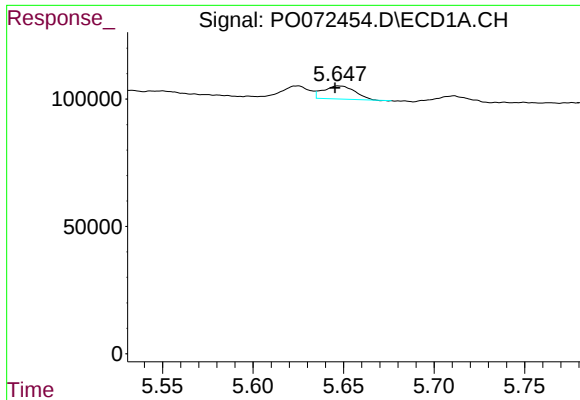
#12 AR-1232-2

R.T.: 5.331 min  
Delta R.T.: 0.000 min  
Response: 1287  
Conc: 1.35 ng/ml



#12 AR-1232-2

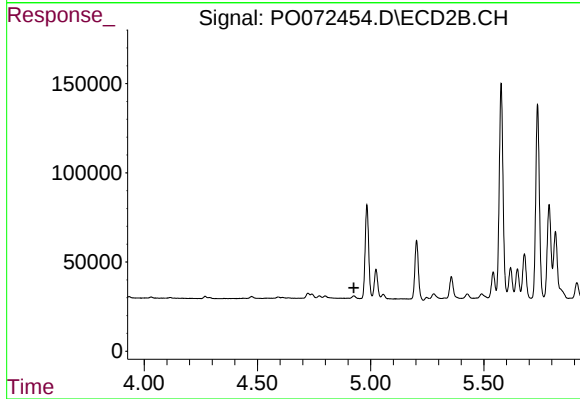
R.T.: 4.740 min  
Delta R.T.: -0.001 min  
Response: 19345  
Conc: 18.65 ng/ml



#13 AR-1232-3

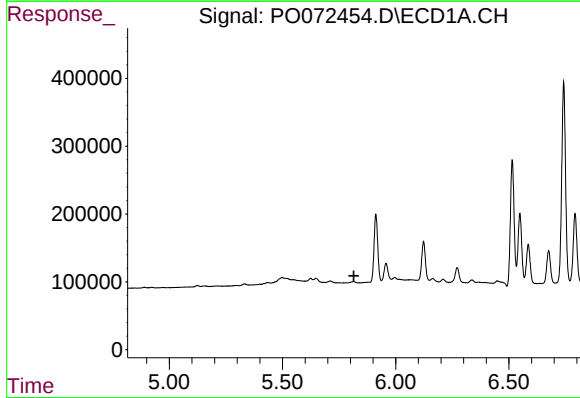
R.T.: 5.648 min  
Delta R.T.: 0.002 min  
Response: 62361  
Conc: 31.83 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



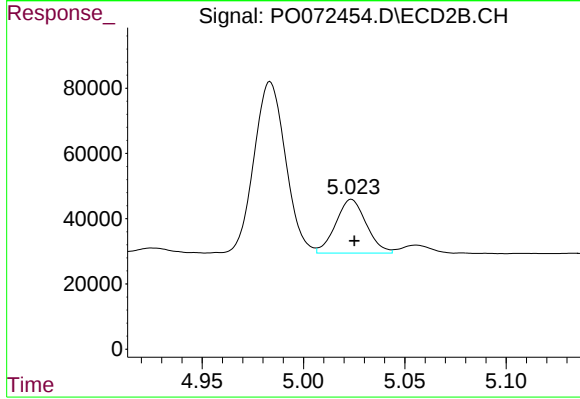
#13 AR-1232-3

R.T.: 0.000 min  
Exp R.T. : 4.926 min  
Response: 0  
Conc: N.D.



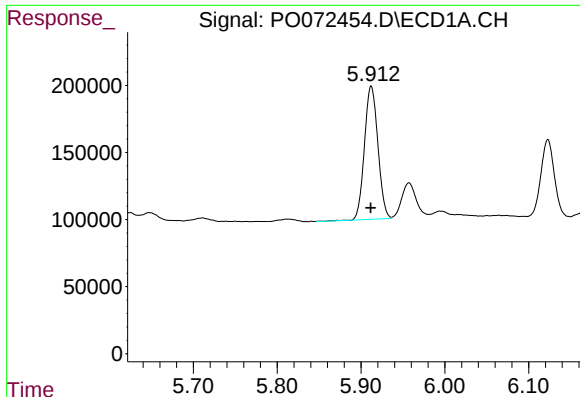
#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T. : 5.815 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

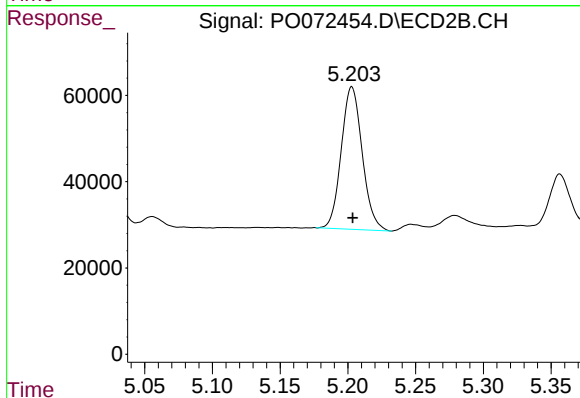
R.T.: 5.024 min  
Delta R.T.: -0.001 min  
Response: 173226  
Conc: 393.44 ng/ml



#15 AR-1232-5

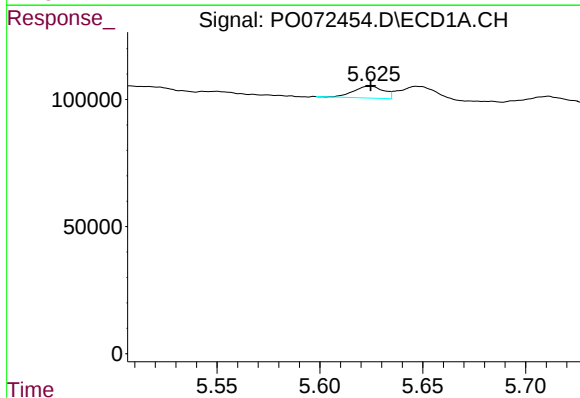
R.T.: 5.912 min  
Delta R.T.: 0.000 min  
Response: 1107099  
Conc: 1846.30 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



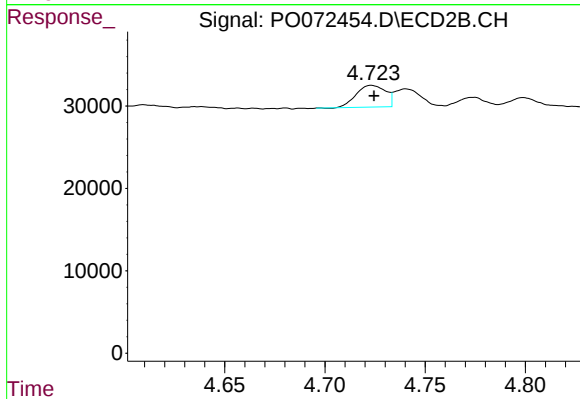
#15 AR-1232-5

R.T.: 5.203 min  
Delta R.T.: 0.000 min  
Response: 356447  
Conc: 697.70 ng/ml



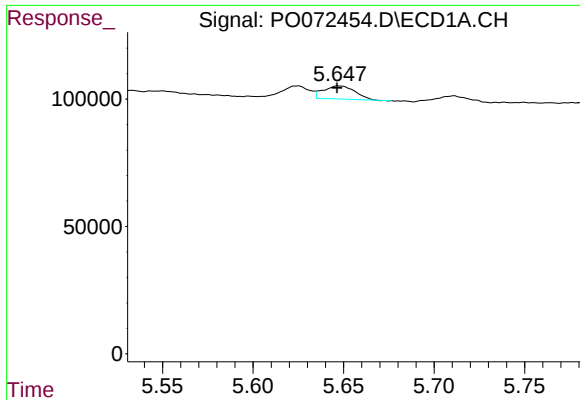
#16 AR-1242-1

R.T.: 5.624 min  
Delta R.T.: 0.000 min  
Response: 46893  
Conc: 19.25 ng/ml



#16 AR-1242-1

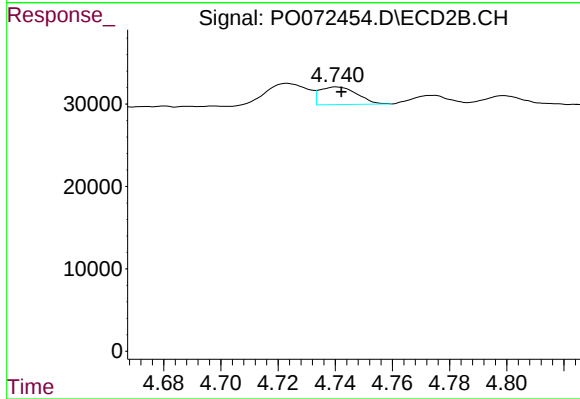
R.T.: 4.723 min  
Delta R.T.: -0.001 min  
Response: 26888  
Conc: 20.80 ng/ml



#17 AR-1242-2

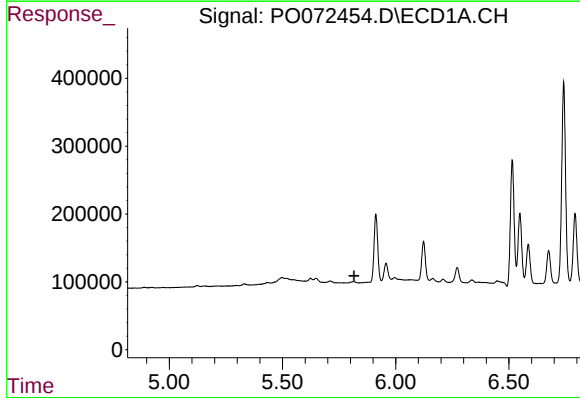
R.T.: 5.648 min  
Delta R.T.: 0.001 min  
Response: 62361  
Conc: 17.72 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



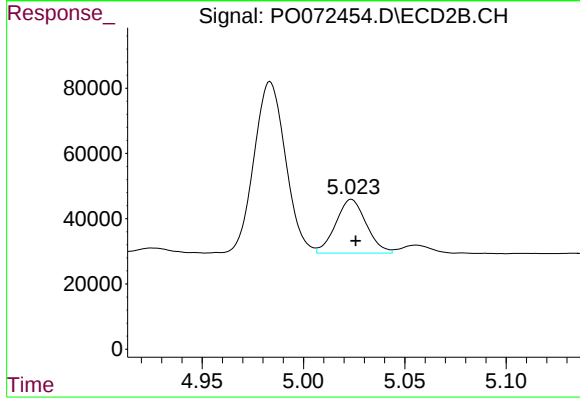
#17 AR-1242-2

R.T.: 4.740 min  
Delta R.T.: -0.002 min  
Response: 19345  
Conc: 10.56 ng/ml



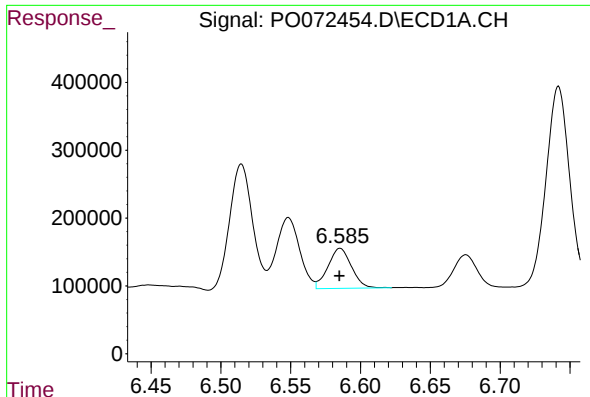
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T. : 5.816 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

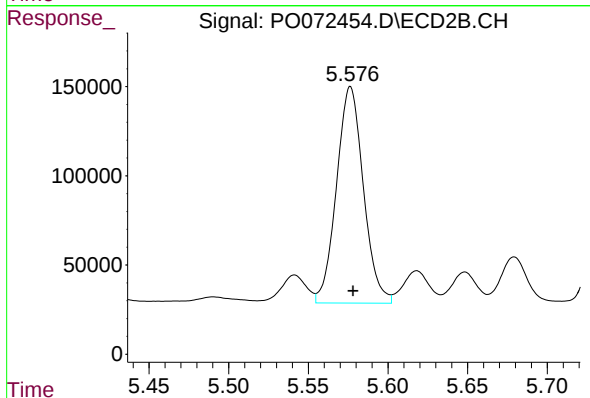
R.T.: 5.024 min  
Delta R.T.: -0.002 min  
Response: 173226  
Conc: 195.56 ng/ml



#20 AR-1242-5

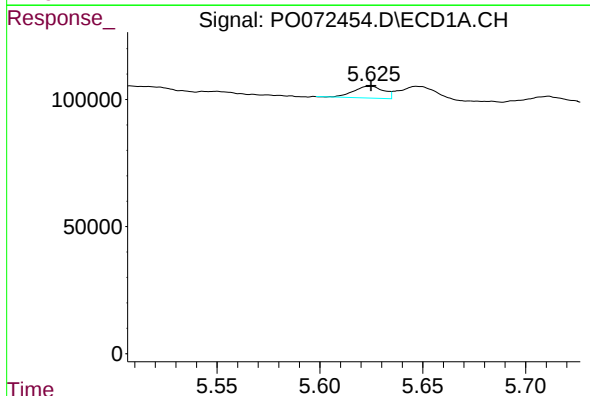
R.T.: 6.585 min  
Delta R.T.: 0.000 min  
Response: 690220  
Conc: 296.08 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



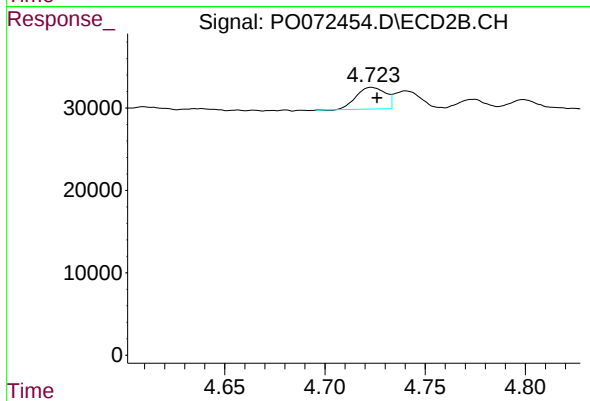
#20 AR-1242-5

R.T.: 5.576 min  
Delta R.T.: -0.002 min  
Response: 1424987  
Conc: 1037.92 ng/ml



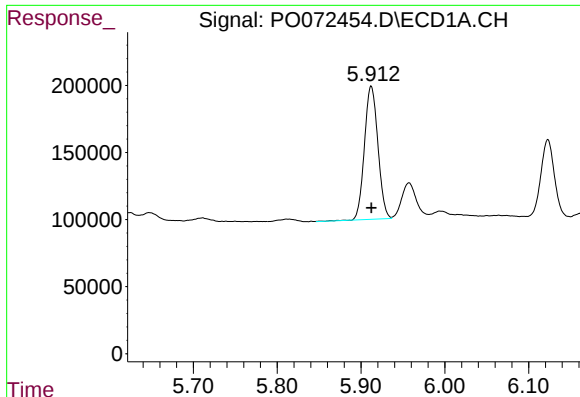
#21 AR-1248-1

R.T.: 5.624 min  
Delta R.T.: 0.000 min  
Response: 46893  
Conc: 25.08 ng/ml



#21 AR-1248-1

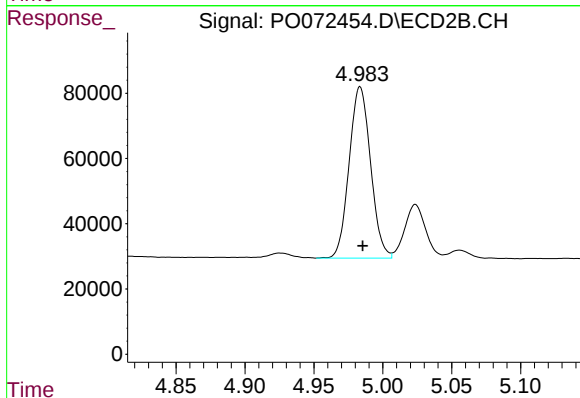
R.T.: 4.723 min  
Delta R.T.: -0.003 min  
Response: 26888  
Conc: 26.44 ng/ml



#22 AR-1248-2

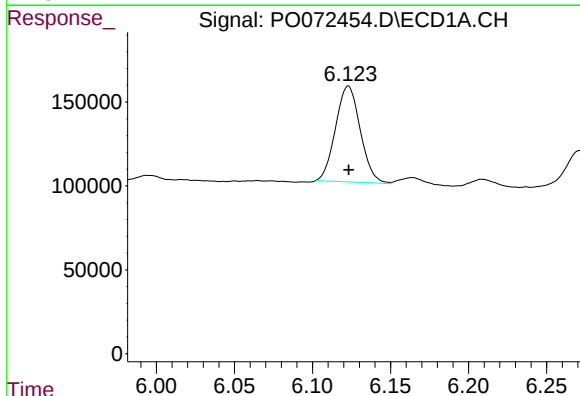
R.T.: 5.912 min  
Delta R.T.: 0.000 min  
Response: 1107099  
Conc: 442.49 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



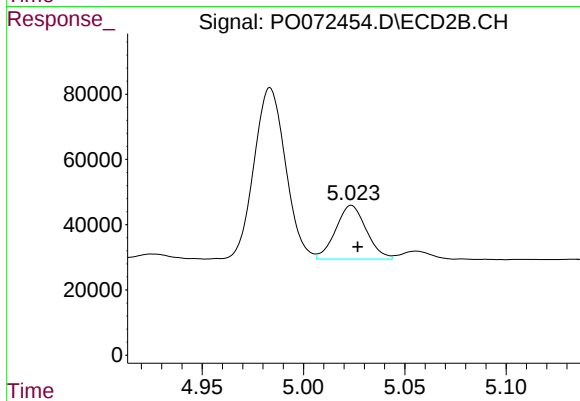
#22 AR-1248-2

R.T.: 4.984 min  
Delta R.T.: -0.002 min  
Response: 568573  
Conc: 398.75 ng/ml



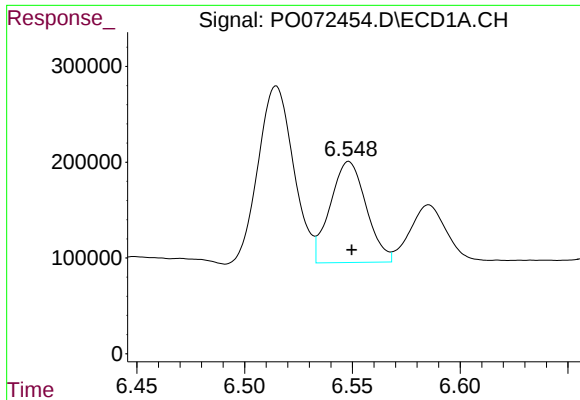
#23 AR-1248-3

R.T.: 6.123 min  
Delta R.T.: 0.000 min  
Response: 629596  
Conc: 217.31 ng/ml



#23 AR-1248-3

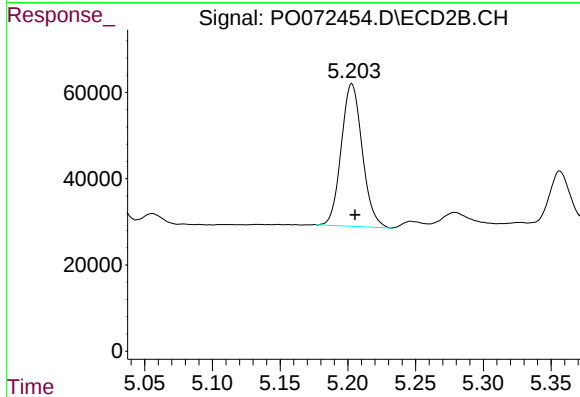
R.T.: 5.024 min  
Delta R.T.: -0.003 min  
Response: 173226  
Conc: 128.99 ng/ml



#24 AR-1248-4

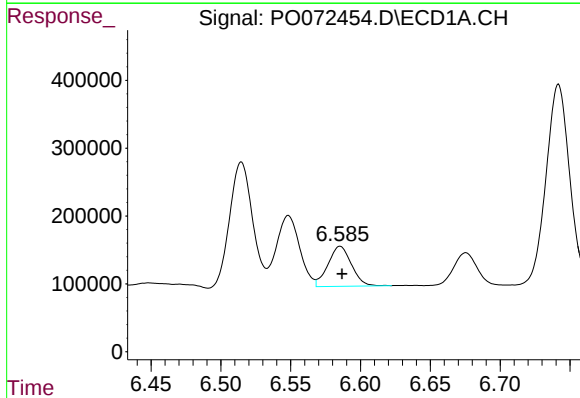
R.T.: 6.548 min  
Delta R.T.: -0.001 min  
Response: 1229200  
Conc: 277.96 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



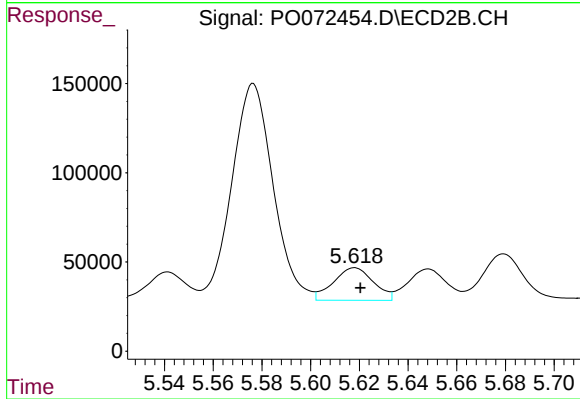
#24 AR-1248-4

R.T.: 5.203 min  
Delta R.T.: -0.002 min  
Response: 356447  
Conc: 212.26 ng/ml



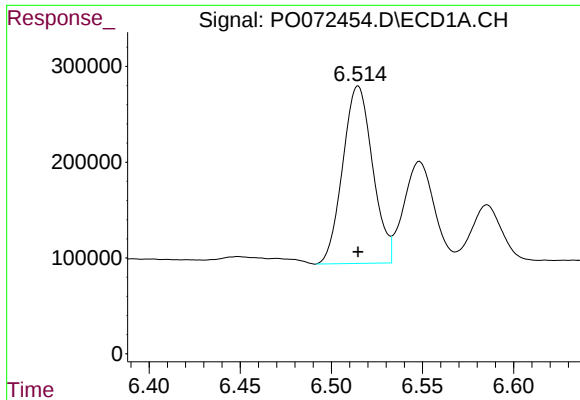
#25 AR-1248-5

R.T.: 6.585 min  
Delta R.T.: -0.001 min  
Response: 690220  
Conc: 175.58 ng/ml



#25 AR-1248-5

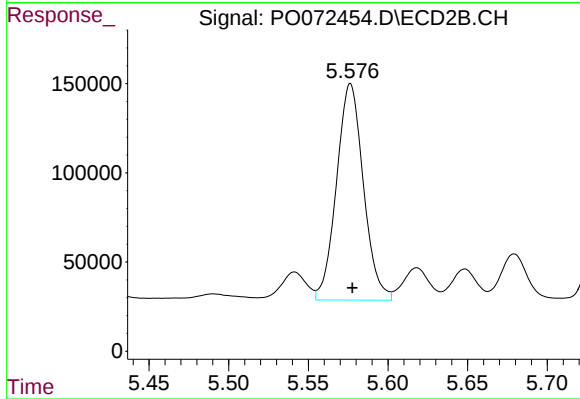
R.T.: 5.618 min  
Delta R.T.: -0.002 min  
Response: 208029  
Conc: 112.63 ng/ml



#26 AR-1254-1

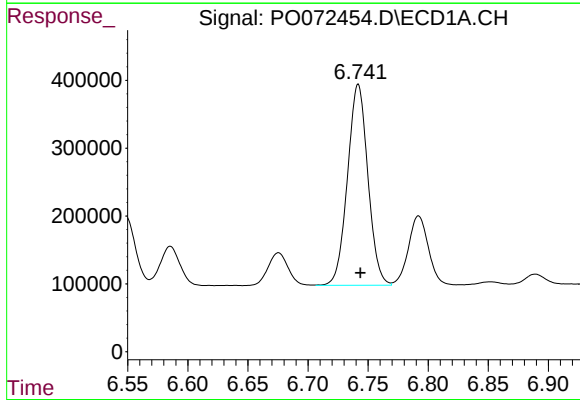
R.T.: 6.515 min  
Delta R.T.: 0.000 min  
Response: 2115513  
Conc: 500.78 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



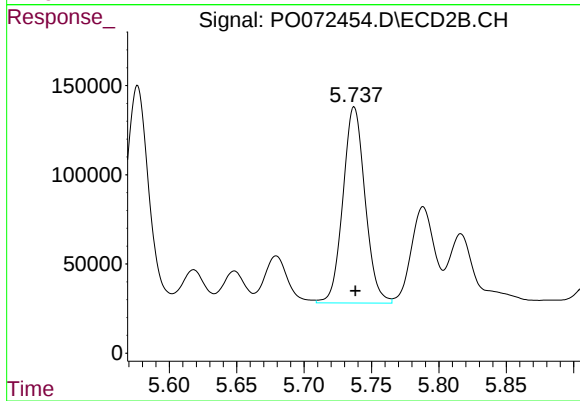
#26 AR-1254-1

R.T.: 5.576 min  
Delta R.T.: -0.001 min  
Response: 1424987  
Conc: 515.52 ng/ml



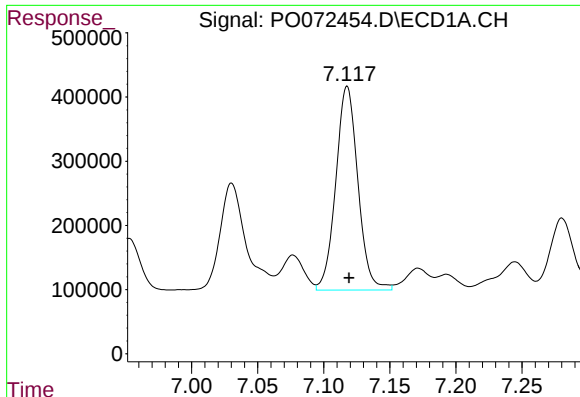
#27 AR-1254-2

R.T.: 6.742 min  
Delta R.T.: -0.002 min  
Response: 3499453  
Conc: 539.96 ng/ml



#27 AR-1254-2

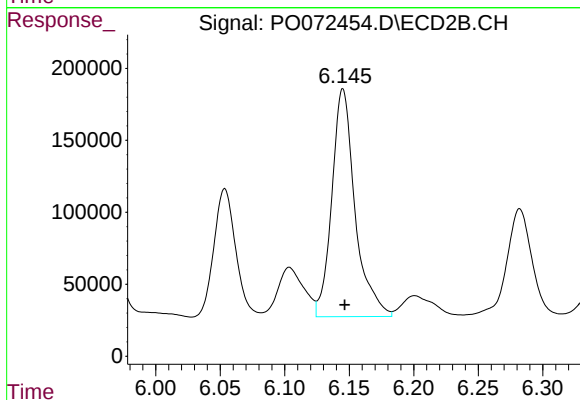
R.T.: 5.737 min  
Delta R.T.: 0.000 min  
Response: 1258833  
Conc: 517.77 ng/ml



#28 AR-1254-3

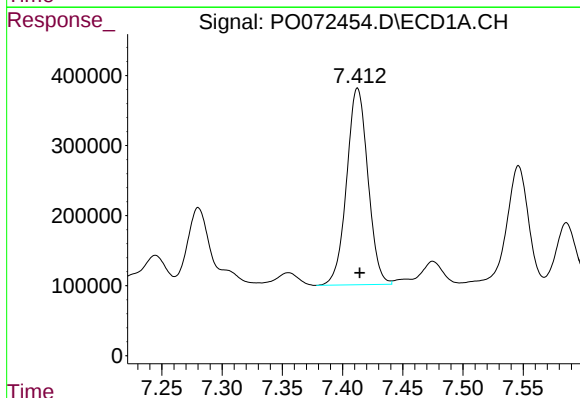
R.T.: 7.118 min  
Delta R.T.: -0.001 min  
Response: 3695122  
Conc: 543.66 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



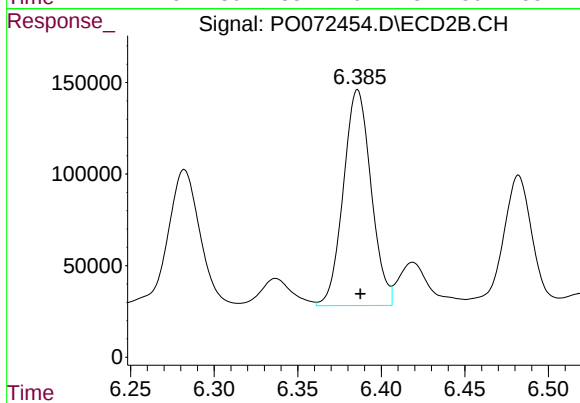
#28 AR-1254-3

R.T.: 6.145 min  
Delta R.T.: -0.001 min  
Response: 1984212  
Conc: 515.64 ng/ml



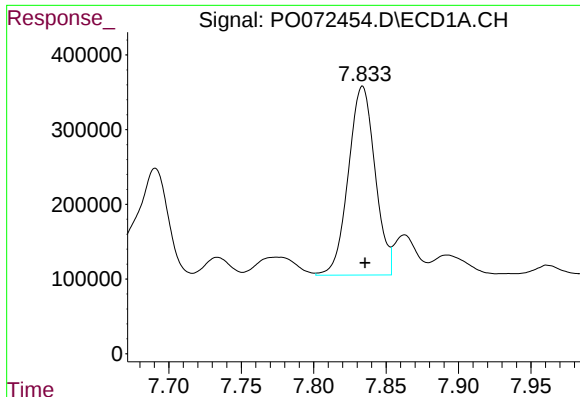
#29 AR-1254-4

R.T.: 7.413 min  
Delta R.T.: -0.002 min  
Response: 3449849  
Conc: 520.48 ng/ml



#29 AR-1254-4

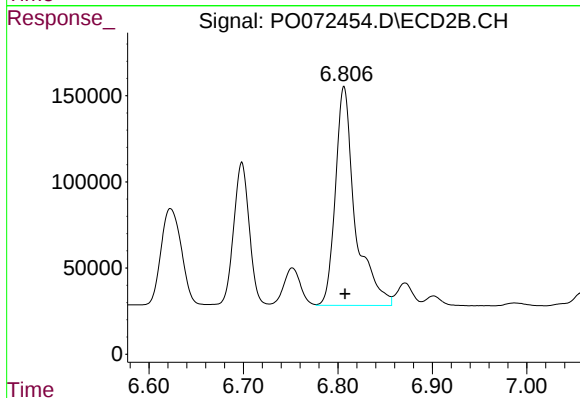
R.T.: 6.386 min  
Delta R.T.: -0.002 min  
Response: 1362939  
Conc: 507.56 ng/ml



#30 AR-1254-5

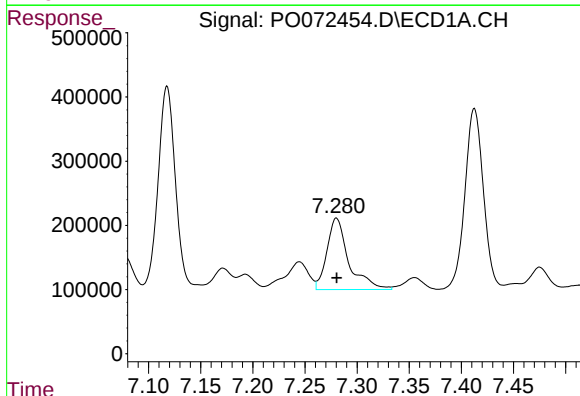
R.T.: 7.834 min  
Delta R.T.: -0.002 min  
Response: 3240074  
Conc: 505.81 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



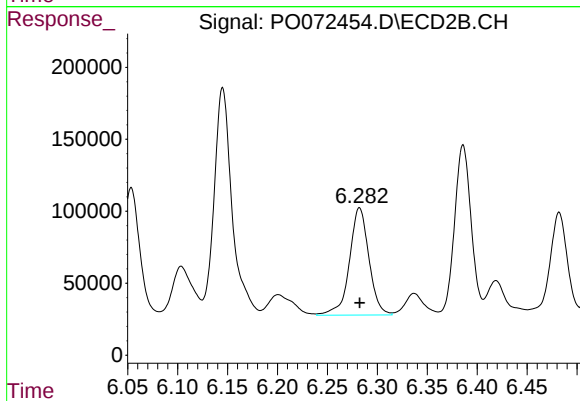
#30 AR-1254-5

R.T.: 6.807 min  
Delta R.T.: -0.001 min  
Response: 1849204  
Conc: 504.60 ng/ml



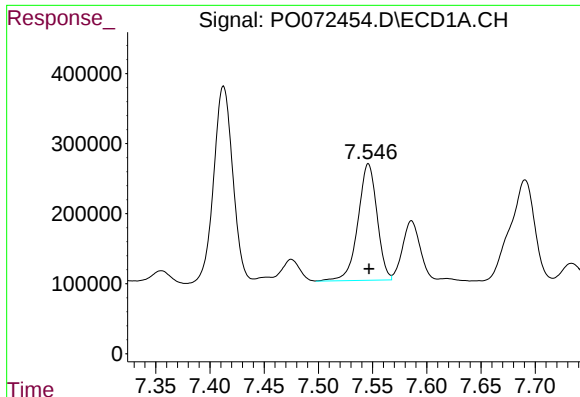
#31 AR-1260-1

R.T.: 7.280 min  
Delta R.T.: 0.000 min  
Response: 1619312  
Conc: 332.29 ng/ml



#31 AR-1260-1

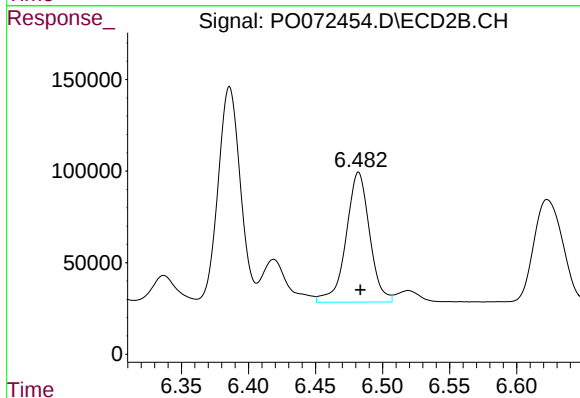
R.T.: 6.282 min  
Delta R.T.: 0.000 min  
Response: 1013875  
Conc: 396.32 ng/ml



#32 AR-1260-2

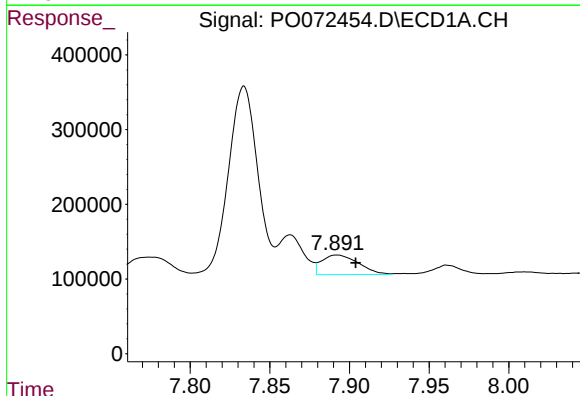
R.T.: 7.546 min  
Delta R.T.: 0.000 min  
Response: 2036292  
Conc: 265.39 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



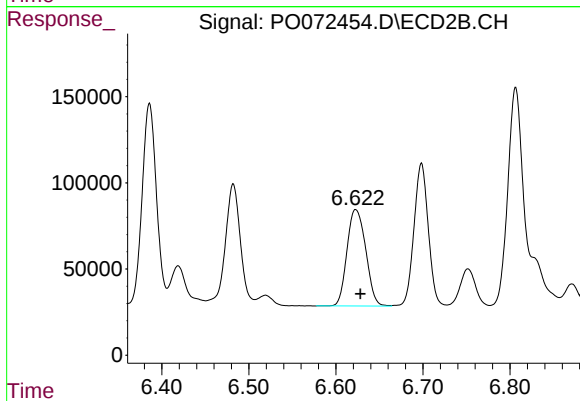
#32 AR-1260-2

R.T.: 6.482 min  
Delta R.T.: -0.001 min  
Response: 864015  
Conc: 267.95 ng/ml



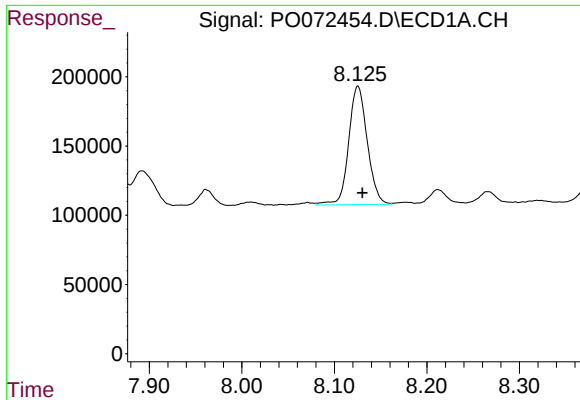
#33 AR-1260-3

R.T.: 7.892 min  
Delta R.T.: -0.012 min  
Response: 420851  
Conc: 65.67 ng/ml



#33 AR-1260-3

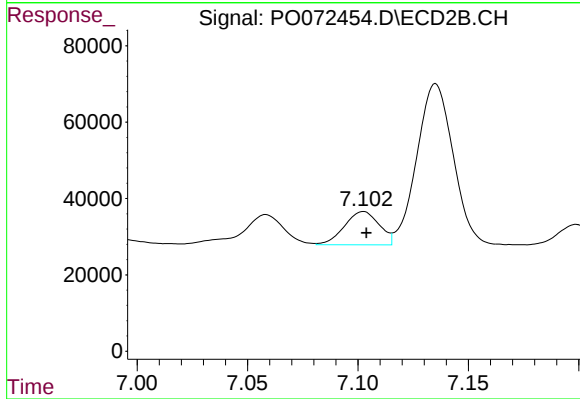
R.T.: 6.623 min  
Delta R.T.: -0.005 min  
Response: 836641  
Conc: 278.76 ng/ml



#34 AR-1260-4

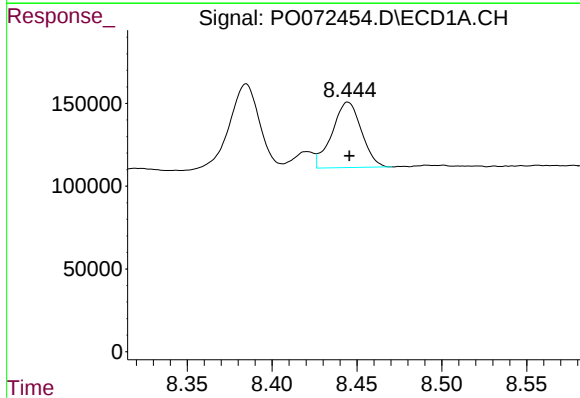
R.T.: 8.126 min  
Delta R.T.: -0.005 min  
Response: 1191852  
Conc: 195.83 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



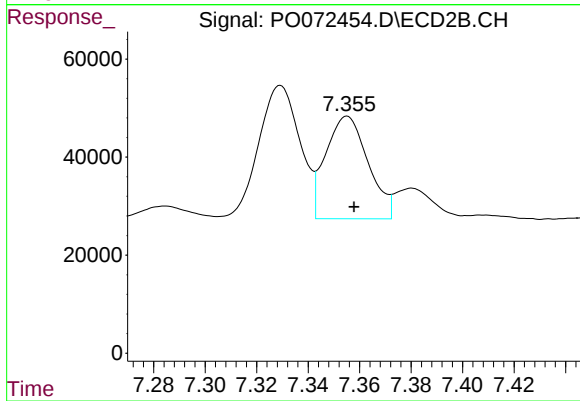
#34 AR-1260-4

R.T.: 7.103 min  
Delta R.T.: -0.001 min  
Response: 95813  
Conc: 36.34 ng/ml



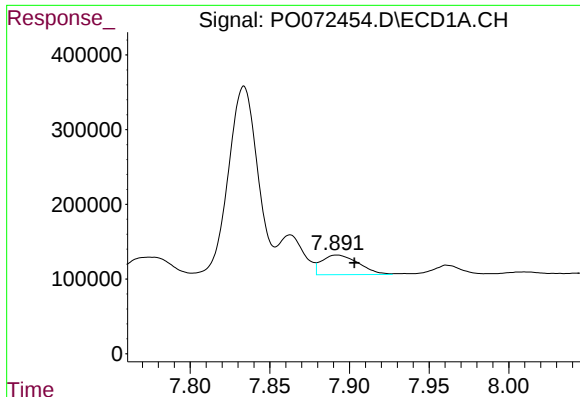
#35 AR-1260-5

R.T.: 8.445 min  
Delta R.T.: 0.000 min  
Response: 477730  
Conc: 32.88 ng/ml



#35 AR-1260-5

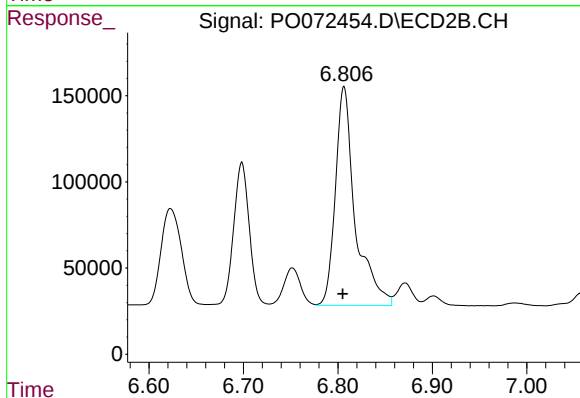
R.T.: 7.355 min  
Delta R.T.: -0.003 min  
Response: 239922  
Conc: 36.72 ng/ml



#36 AR-1262-1

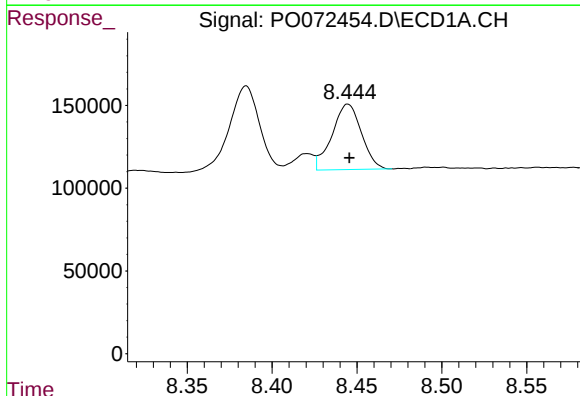
R.T.: 7.892 min  
Delta R.T.: -0.011 min  
Response: 420851  
Conc: 44.38 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



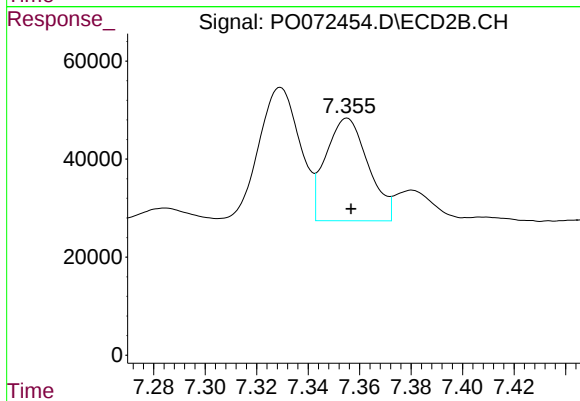
#36 AR-1262-1

R.T.: 6.807 min  
Delta R.T.: 0.001 min  
Response: 1849204  
Conc: 969.13 ng/ml



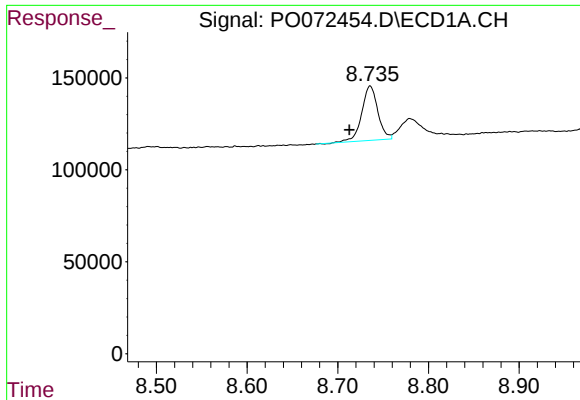
#37 AR-1262-2

R.T.: 8.445 min  
Delta R.T.: 0.000 min  
Response: 477730  
Conc: 29.89 ng/ml



#37 AR-1262-2

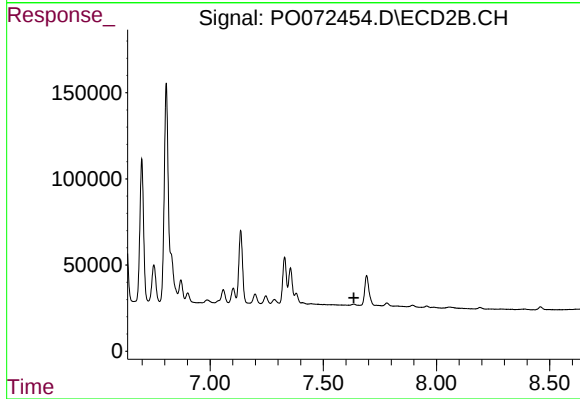
R.T.: 7.355 min  
Delta R.T.: -0.002 min  
Response: 239922  
Conc: 35.92 ng/ml



#38 AR-1262-3

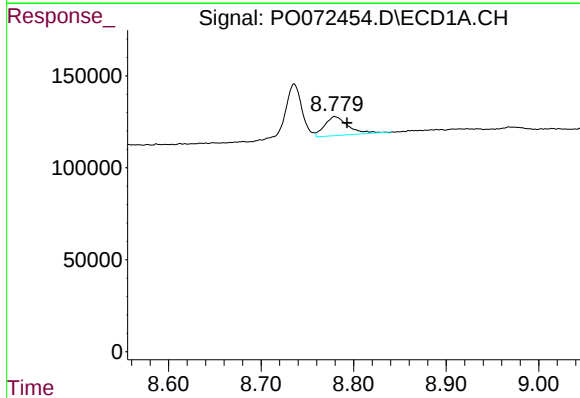
R.T.: 8.736 min  
Delta R.T.: 0.023 min  
Response: 363037  
Conc: 51.95 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



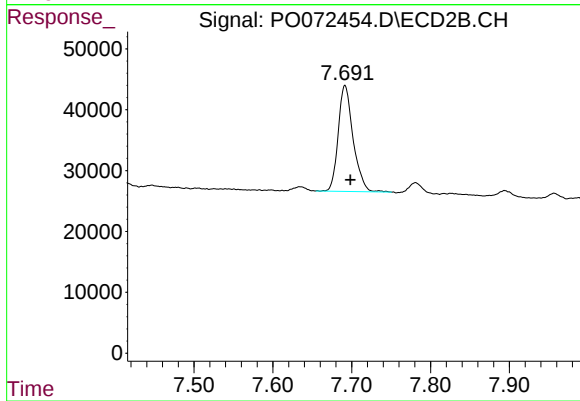
#38 AR-1262-3

R.T.: 0.000 min  
Exp R.T. : 7.635 min  
Response: 0  
Conc: N.D.



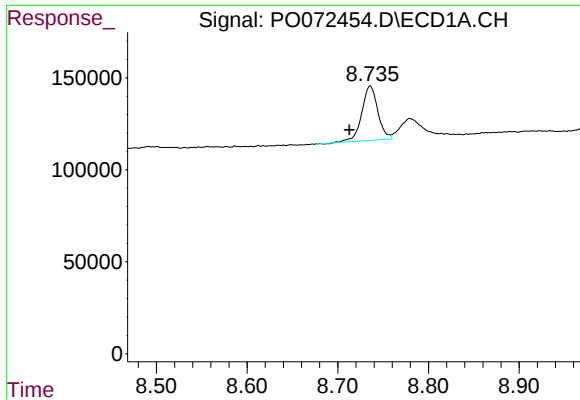
#39 AR-1262-4

R.T.: 8.780 min  
Delta R.T.: -0.013 min  
Response: 183731  
Conc: 45.98 ng/ml



#39 AR-1262-4

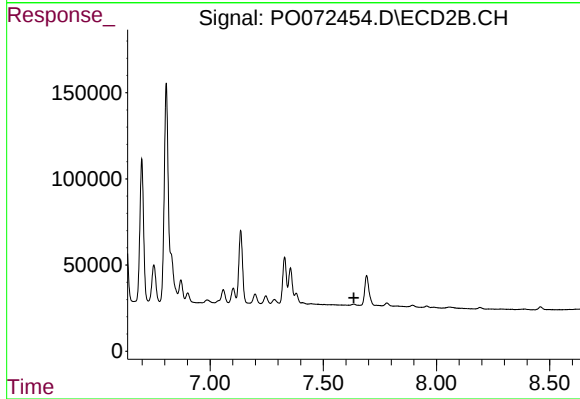
R.T.: 7.692 min  
Delta R.T.: -0.007 min  
Response: 229295  
Conc: 44.49 ng/ml



#41 AR-1268-1

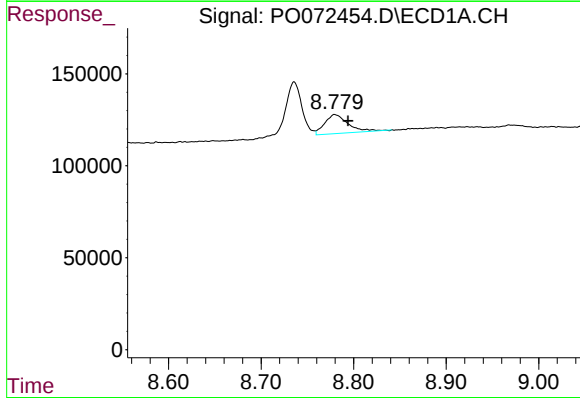
R.T.: 8.736 min  
Delta R.T.: 0.023 min  
Response: 363037  
Conc: 18.86 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



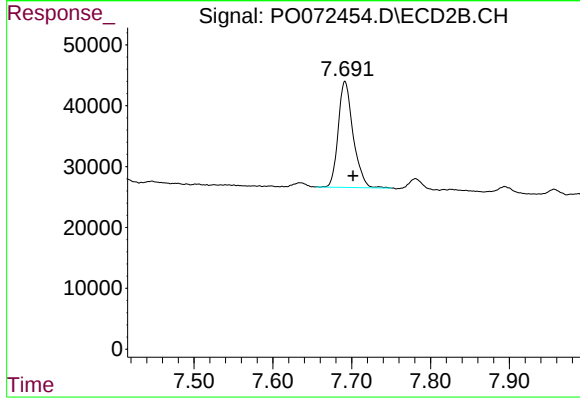
#41 AR-1268-1

R.T.: 0.000 min  
Exp R.T. : 7.635 min  
Response: 0  
Conc: N.D.



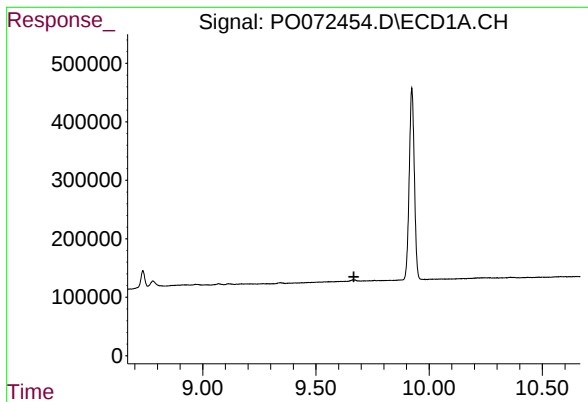
#42 AR-1268-2

R.T.: 8.780 min  
Delta R.T.: -0.014 min  
Response: 183731  
Conc: 11.13 ng/ml



#42 AR-1268-2

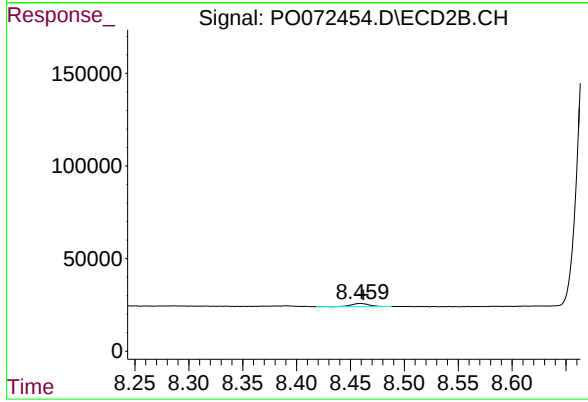
R.T.: 7.692 min  
Delta R.T.: -0.010 min  
Response: 229295  
Conc: 31.51 ng/ml



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T.: 9.668 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



#45 AR-1268-5

R.T.: 8.459 min  
Delta R.T.: -0.003 min  
Response: 19187  
Conc: 1.00 ng/ml