

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO103020\  
 Data File : PO072913.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 30 Oct 2020 14:05  
 Operator : DD\AJ  
 Sample : L4548-18DL 25X  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 31 04:56:38 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO102620.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Oct 30 12:29:20 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... | 4.946  | 4.024  | 334882  | 39630   | 7.263    | 1.131 #   |
| 2)                          | SA Decachlor... | 0.000  | 9.310  | 0       | 46259   | N.D.     | 1.387 #   |
| Target Compounds            |                 |        |        |         |         |          |           |
| 3)                          | L1 AR-1016-1    | 6.282  | 5.278  | 194705  | 143781  | 114.057  | 100.166   |
| 4)                          | L1 AR-1016-2    | 6.305  | 5.299  | 288731  | 205480  | 122.381  | 106.196   |
| 5)                          | L1 AR-1016-3    | 6.372  | 5.488  | 204842  | 107813  | 141.969  | 102.823 # |
| 6)                          | L1 AR-1016-4    | 6.480  | 5.541  | 135922  | 40674   | 115.690  | 46.947 #  |
| 7)                          | L1 AR-1016-5    | 6.796  | 5.769  | 53160   | 47374   | 49.547   | 44.082    |
| 8)                          | L2 AR-1221-1    | 5.209  | 4.282  | 847027  | 588223  | 1246.632 | 1204.527  |
| 9)                          | L2 AR-1221-2    | 5.308  | 4.381  | 553231  | 390225  | 1101.301 | 1071.084  |
| 10)                         | L2 AR-1221-3    | 5.395  | 4.469  | 1869005 | 1324851 | 1207.876 | 1154.463  |
| 11)                         | L3 AR-1232-1    | 5.395  | 4.469  | 1869005 | 1324851 | 1754.380 | 1511.280  |
| 12)                         | L3 AR-1232-2    | 5.986  | 5.299  | 175039  | 205480  | 330.638  | 234.598 # |
| 13)                         | L3 AR-1232-3    | 6.305  | 5.488  | 288731  | 107813  | 279.267  | 229.485   |
| 14)                         | L3 AR-1232-4    | 6.480  | 5.586  | 135922  | 47378   | 264.475  | 111.259 # |
| 15)                         | L3 AR-1232-5    | 6.578  | 5.769  | 52559   | 47374   | 148.499  | 101.534 # |
| 16)                         | L4 AR-1242-1    | 6.282  | 5.278  | 194705  | 143781  | 139.952  | 122.287   |
| 17)                         | L4 AR-1242-2    | 6.305  | 5.299  | 288731  | 205480  | 151.038  | 129.390   |
| 18)                         | L4 AR-1242-3    | 6.372  | 5.488  | 204842  | 107813  | 172.985  | 124.717 # |
| 19)                         | L4 AR-1242-4    | 6.480  | 5.586  | 135922  | 47378   | 140.395  | 57.082 #  |
| 20)                         | L4 AR-1242-5    | 7.265  | 6.147  | 52355   | 44669   | 51.111   | 41.627    |
| 21)                         | L5 AR-1248-1    | 6.282  | 5.278  | 194705  | 143781  | 188.690  | 151.664   |
| 22)                         | L5 AR-1248-2    | 6.578  | 5.541  | 52559   | 40674   | 39.978   | 32.339    |
| 23)                         | L5 AR-1248-3    | 6.796  | 5.586  | 53160   | 47378   | 35.879   | 36.634    |
| 24)                         | L5 AR-1248-4    | 7.226  | 5.769  | 48431   | 47374   | 26.818   | 30.492    |
| 25)                         | L5 AR-1248-5    | 7.265  | 6.190  | 52355   | 36148   | 30.374   | 23.478    |
| 26)                         | L6 AR-1254-1    | 0.000  | 6.147  | 0       | 44669   | N.D.     | 19.846 #  |
| 27)                         | L6 AR-1254-2    | 7.431f | 6.305  | 37030   | 8760    | 13.859   | 4.361 #   |
| 28)                         | L6 AR-1254-3    | 0.000  | 6.724  | 0       | 11133   | N.D.     | 3.504 #   |
| 29)                         | L6 AR-1254-4    | 0.000  | 6.961  | 0       | 7669    | N.D.     | 3.526 #   |
| 31)                         | L7 AR-1260-1    | 0.000  | 6.867  | 0       | 7882    | N.D.     | 3.964 #   |
| 33)                         | L7 AR-1260-3    | 0.000  | 7.206  | 0       | 21911   | N.D.     | 9.941 #   |
| 39)                         | L8 AR-1262-4    | 0.000  | 8.315f | 0       | 5112    | N.D.     | 1.536 #   |
| 42)                         | L9 AR-1268-2    | 0.000  | 8.315f | 0       | 5112    | N.D.     | 1.091 #   |
| 43)                         | L9 AR-1268-3    | 9.789  | 8.518f | 655113  | 44407   | 151.027  | 10.553 #  |
| -----                       |                 |        |        |         |         |          |           |

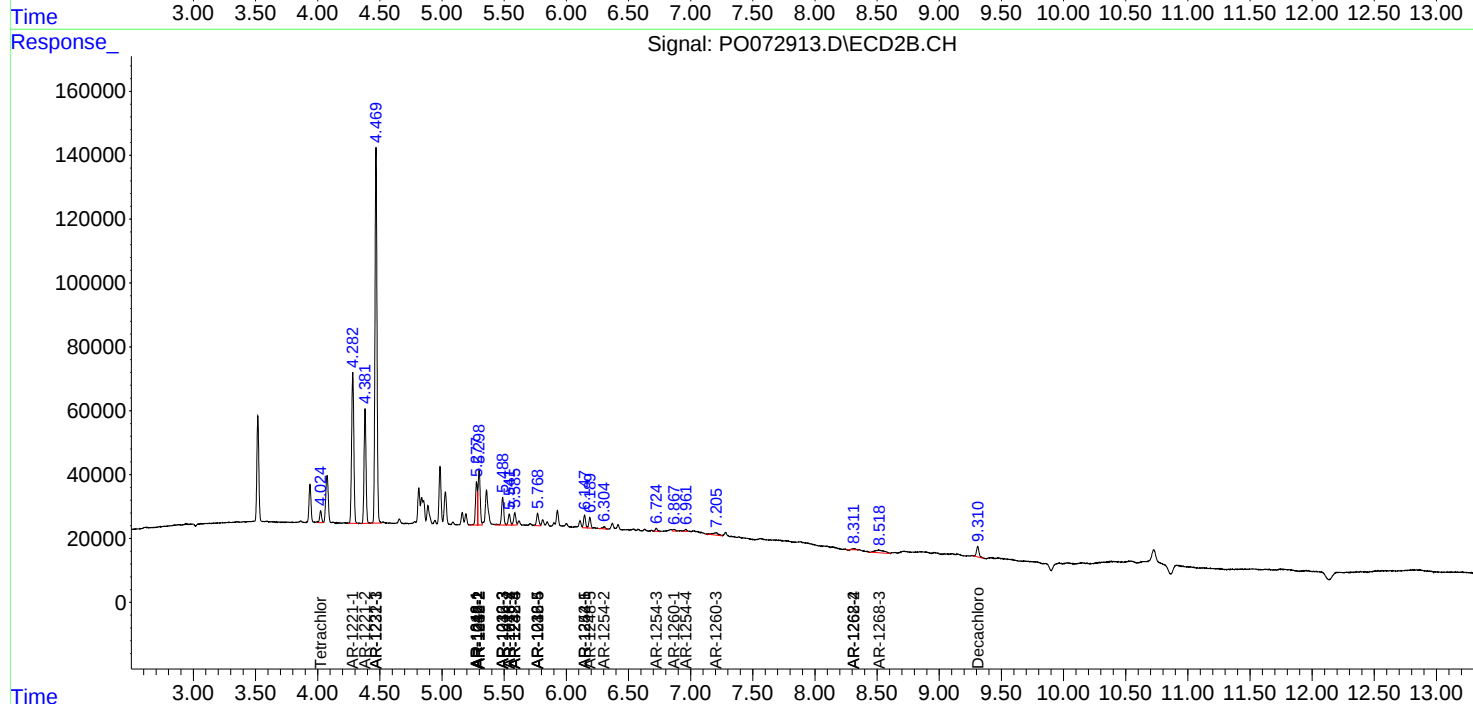
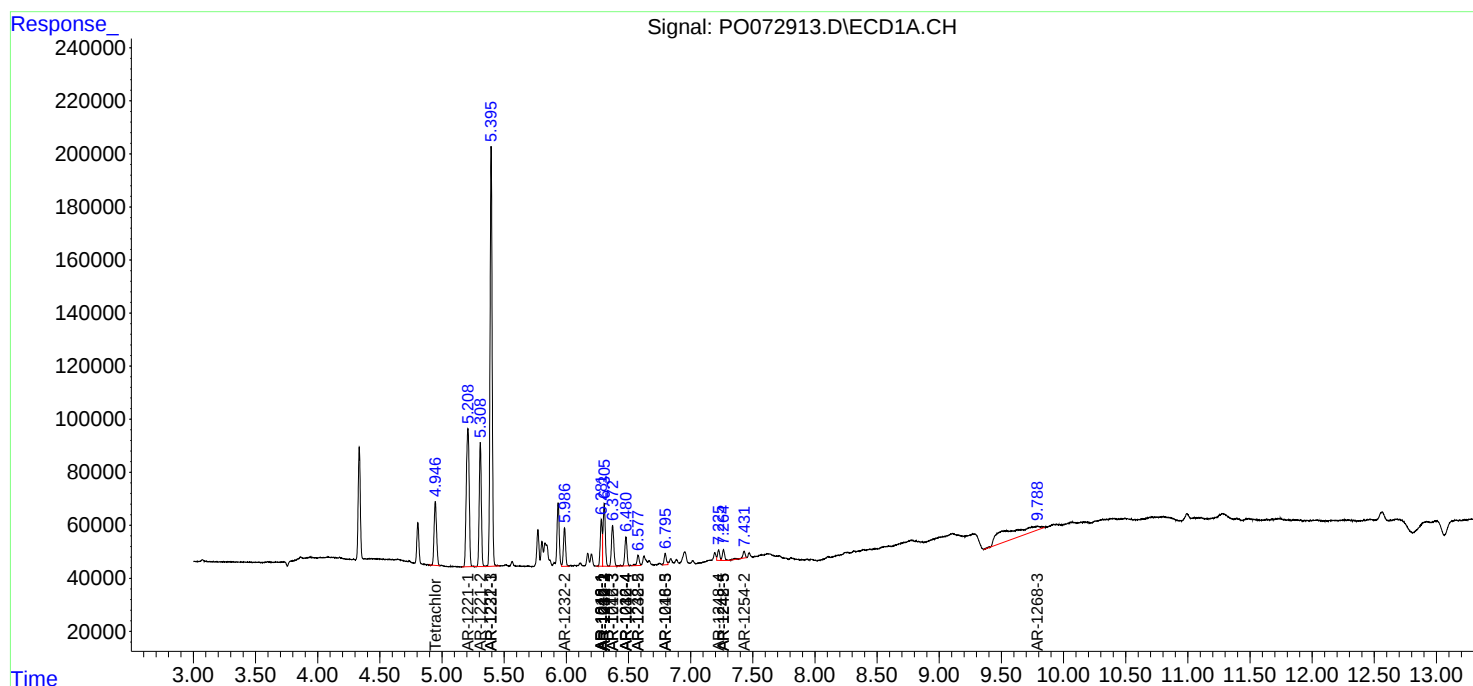
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

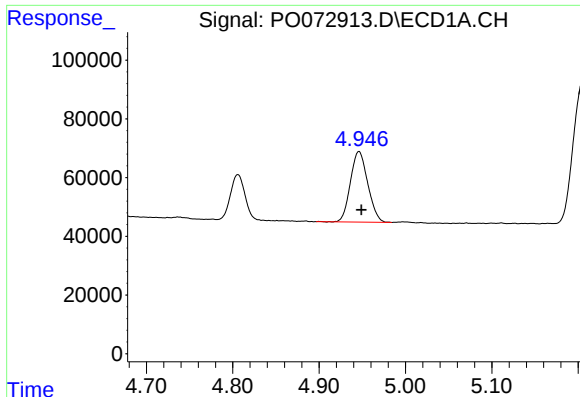
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_0\Data\PO103020\  
Data File : PO072913.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 30 Oct 2020 14:05  
Operator : DD\AJ  
Sample : L4548-18DL 25X  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 31 04:56:38 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_0\methods\PO102620.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Oct 30 12:29:20 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

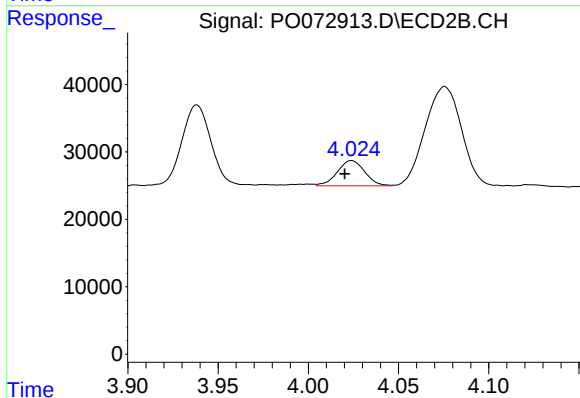




#1 Tetrachloro-m-xylene

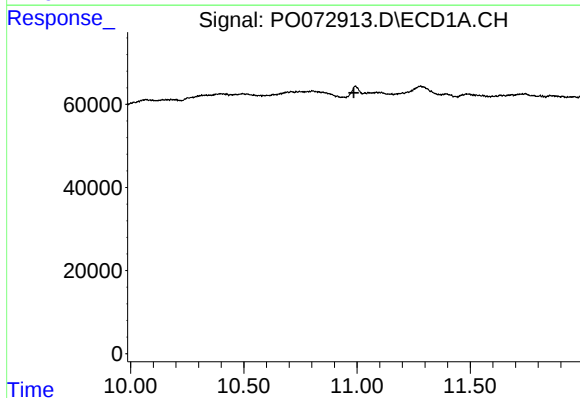
R.T.: 4.946 min  
Delta R.T.: -0.003 min  
Response: 334882  
Conc: 7.26 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



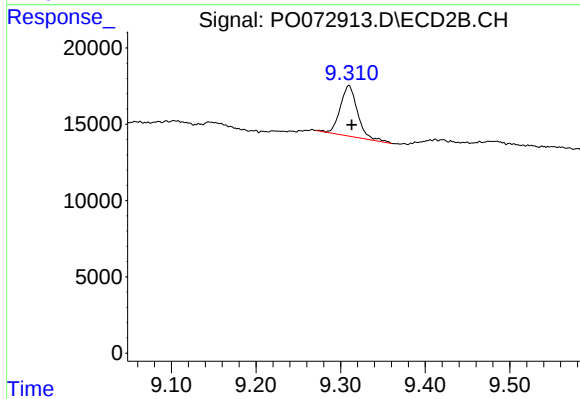
#1 Tetrachloro-m-xylene

R.T.: 4.024 min  
Delta R.T.: 0.004 min  
Response: 39630  
Conc: 1.13 ng/ml



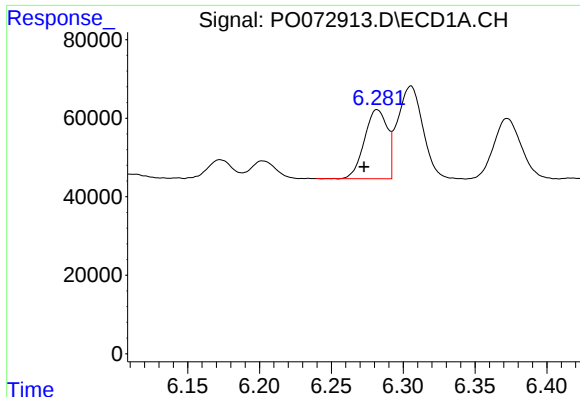
#2 Decachlorobiphenyl

R.T.: 0.000 min  
Exp R.T. : 10.986 min  
Response: 0  
Conc: N.D.



#2 Decachlorobiphenyl

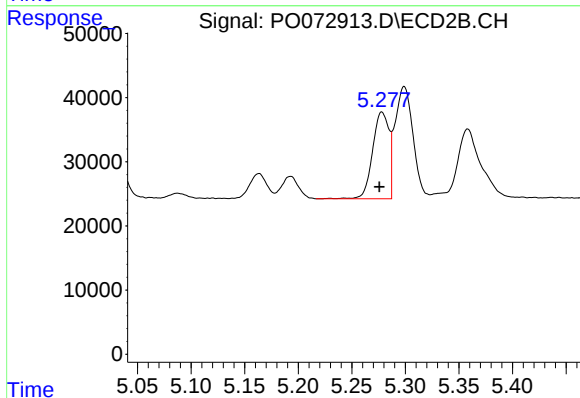
R.T.: 9.310 min  
Delta R.T.: -0.003 min  
Response: 46259  
Conc: 1.39 ng/ml



#3 AR-1016-1

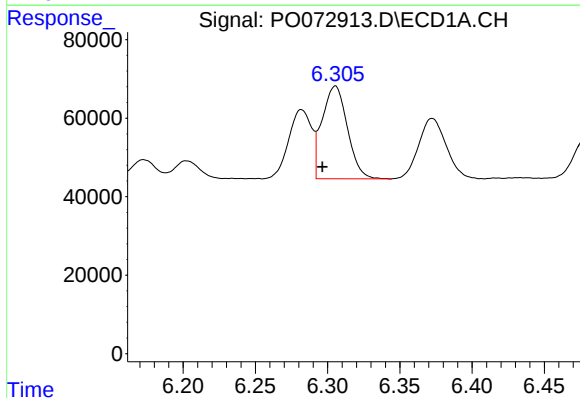
R.T.: 6.282 min  
Delta R.T.: 0.009 min  
Response: 194705  
Conc: 114.06 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



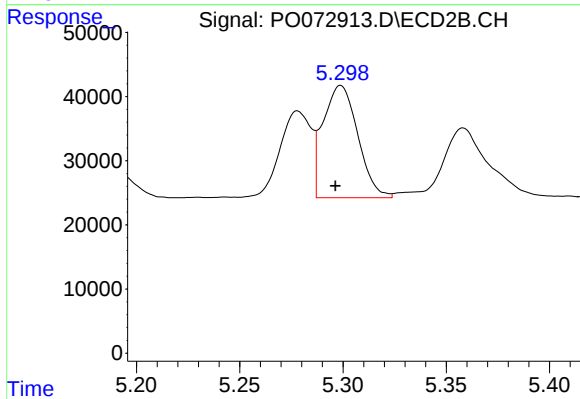
#3 AR-1016-1

R.T.: 5.278 min  
Delta R.T.: 0.002 min  
Response: 143781  
Conc: 100.17 ng/ml



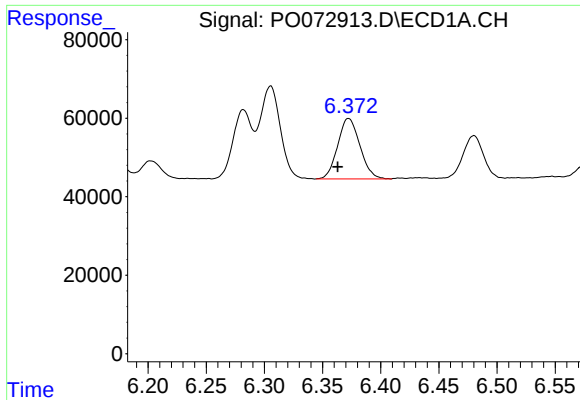
#4 AR-1016-2

R.T.: 6.305 min  
Delta R.T.: 0.009 min  
Response: 288731  
Conc: 122.38 ng/ml



#4 AR-1016-2

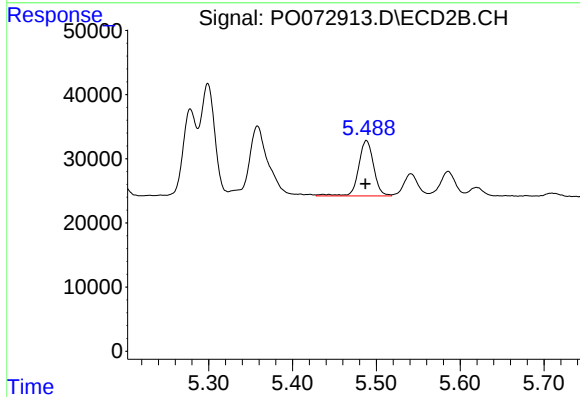
R.T.: 5.299 min  
Delta R.T.: 0.003 min  
Response: 205480  
Conc: 106.20 ng/ml



#5 AR-1016-3

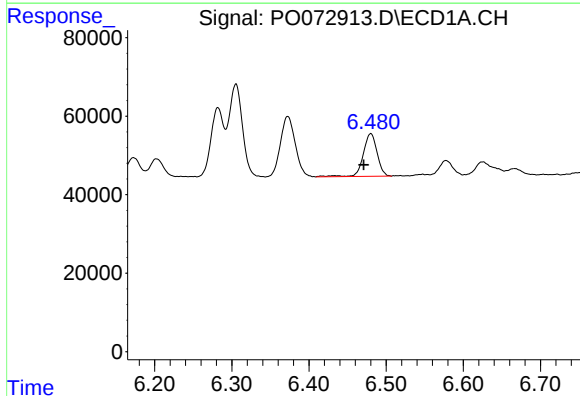
R.T.: 6.372 min  
Delta R.T.: 0.009 min  
Response: 204842  
Conc: 141.97 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



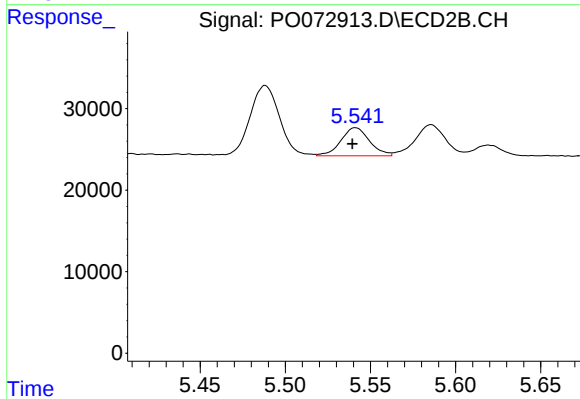
#5 AR-1016-3

R.T.: 5.488 min  
Delta R.T.: 0.001 min  
Response: 107813  
Conc: 102.82 ng/ml



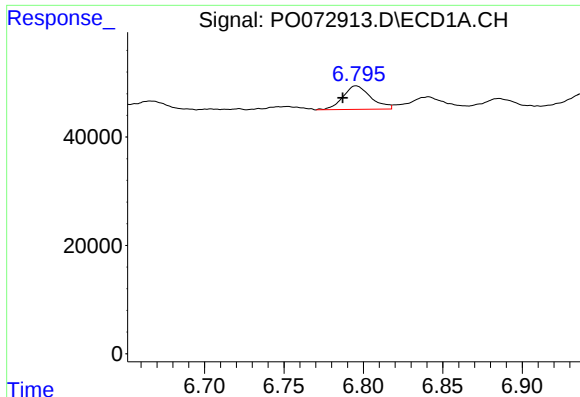
#6 AR-1016-4

R.T.: 6.480 min  
Delta R.T.: 0.009 min  
Response: 135922  
Conc: 115.69 ng/ml



#6 AR-1016-4

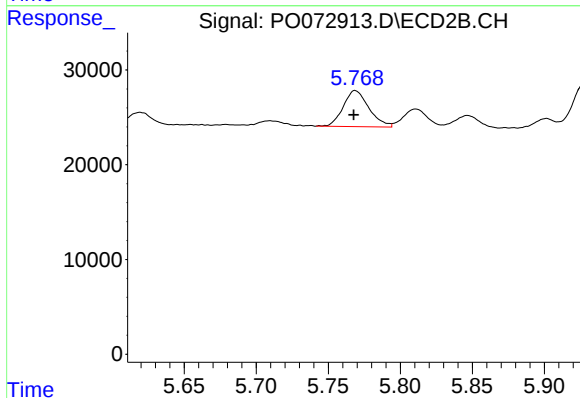
R.T.: 5.541 min  
Delta R.T.: 0.002 min  
Response: 40674  
Conc: 46.95 ng/ml



#7 AR-1016-5

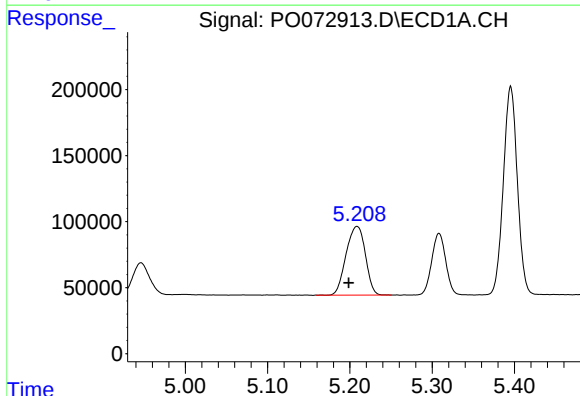
R.T.: 6.796 min  
Delta R.T.: 0.009 min  
Response: 53160  
Conc: 49.55 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



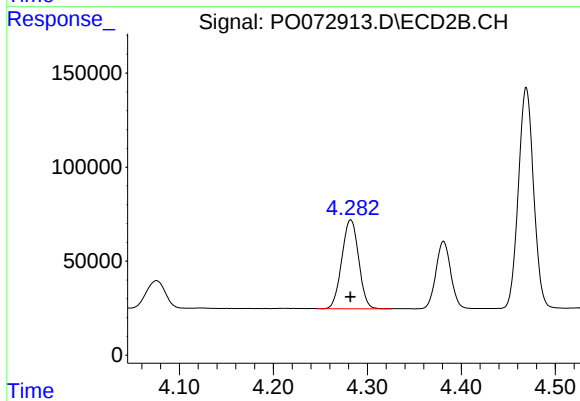
#7 AR-1016-5

R.T.: 5.769 min  
Delta R.T.: 0.001 min  
Response: 47374  
Conc: 44.08 ng/ml



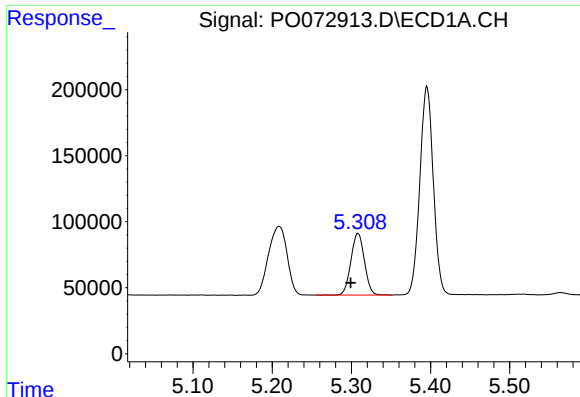
#8 AR-1221-1

R.T.: 5.209 min  
Delta R.T.: 0.010 min  
Response: 847027  
Conc: 1246.63 ng/ml



#8 AR-1221-1

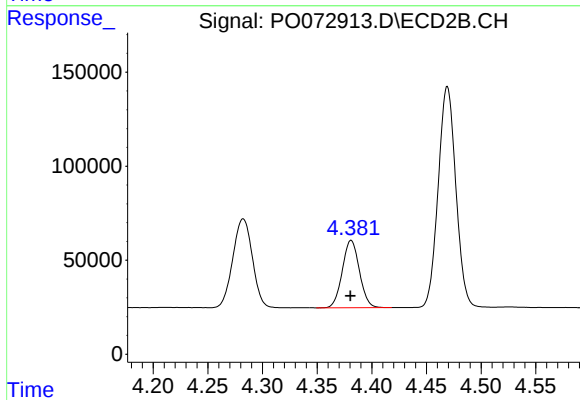
R.T.: 4.282 min  
Delta R.T.: 0.000 min  
Response: 588223  
Conc: 1204.53 ng/ml



#9 AR-1221-2

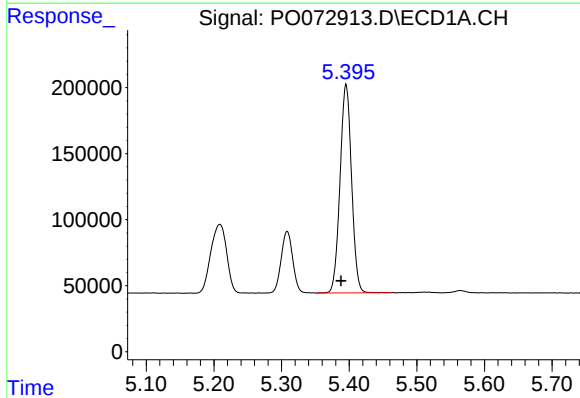
R.T.: 5.308 min  
Delta R.T.: 0.009 min  
Response: 553231  
Conc: 1101.30 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



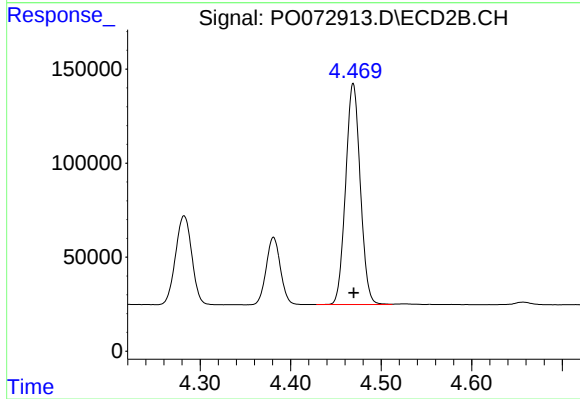
#9 AR-1221-2

R.T.: 4.381 min  
Delta R.T.: 0.000 min  
Response: 390225  
Conc: 1071.08 ng/ml



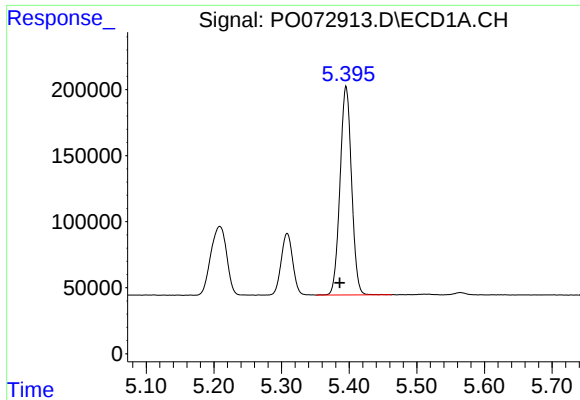
#10 AR-1221-3

R.T.: 5.395 min  
Delta R.T.: 0.007 min  
Response: 1869005  
Conc: 1207.88 ng/ml



#10 AR-1221-3

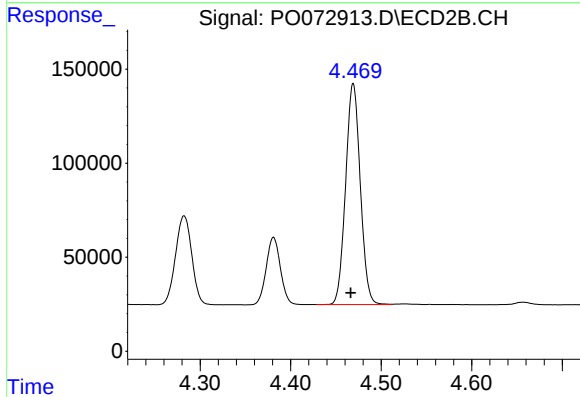
R.T.: 4.469 min  
Delta R.T.: 0.000 min  
Response: 1324851  
Conc: 1154.46 ng/ml



#11 AR-1232-1

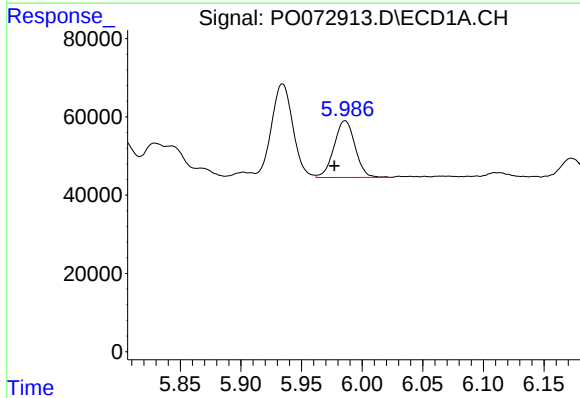
R.T.: 5.395 min  
Delta R.T.: 0.009 min  
Response: 1869005  
Conc: 1754.38 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



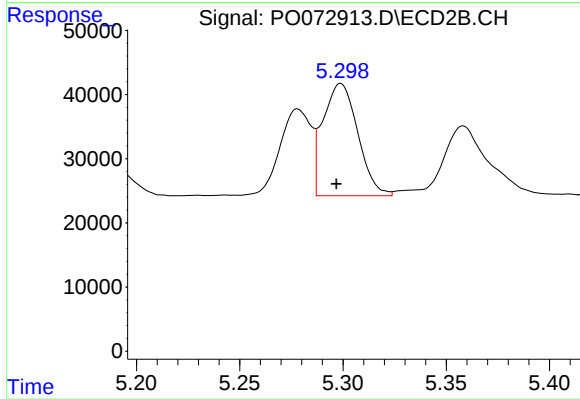
#11 AR-1232-1

R.T.: 4.469 min  
Delta R.T.: 0.003 min  
Response: 1324851  
Conc: 1511.28 ng/ml



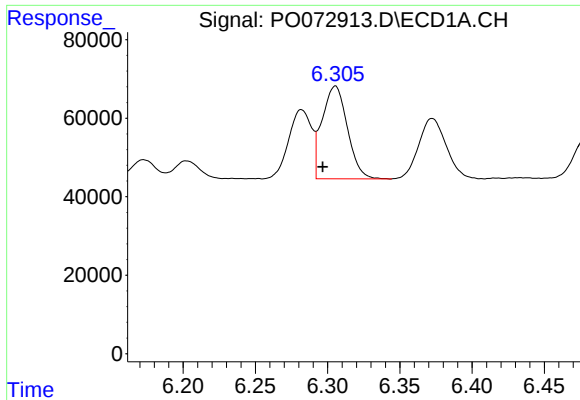
#12 AR-1232-2

R.T.: 5.986 min  
Delta R.T.: 0.009 min  
Response: 175039  
Conc: 330.64 ng/ml



#12 AR-1232-2

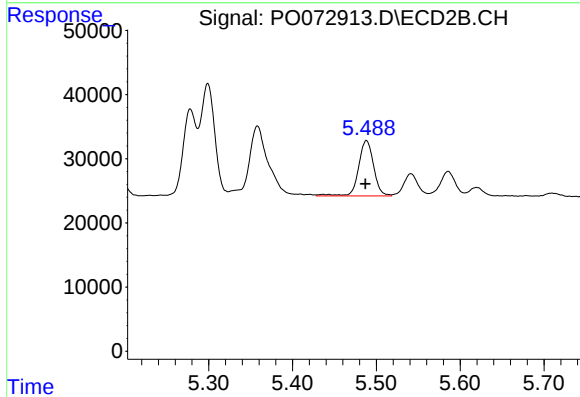
R.T.: 5.299 min  
Delta R.T.: 0.002 min  
Response: 205480  
Conc: 234.60 ng/ml



#13 AR-1232-3

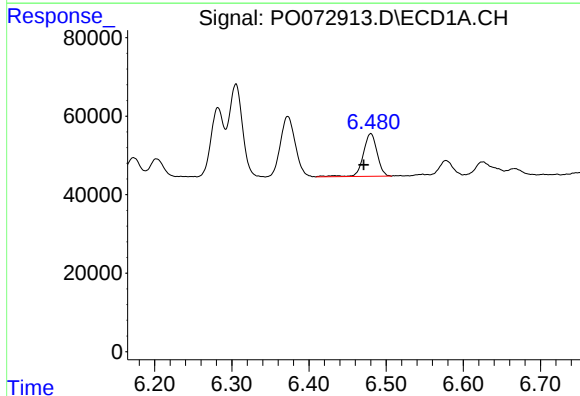
R.T.: 6.305 min  
Delta R.T.: 0.009 min  
Response: 288731  
Conc: 279.27 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



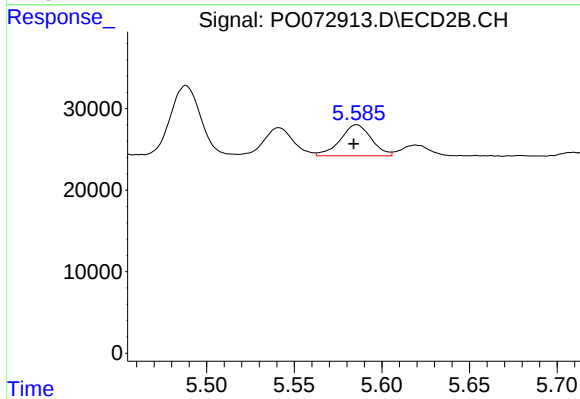
#13 AR-1232-3

R.T.: 5.488 min  
Delta R.T.: 0.001 min  
Response: 107813  
Conc: 229.49 ng/ml



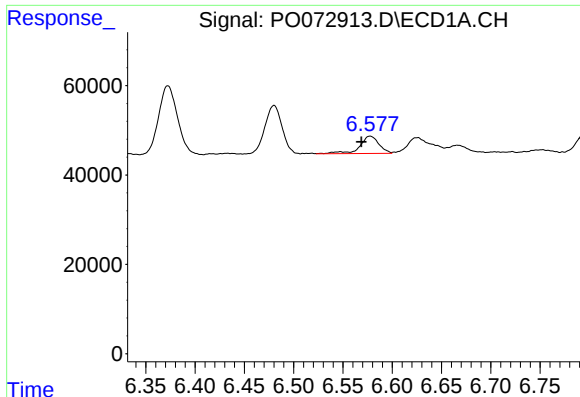
#14 AR-1232-4

R.T.: 6.480 min  
Delta R.T.: 0.009 min  
Response: 135922  
Conc: 264.47 ng/ml



#14 AR-1232-4

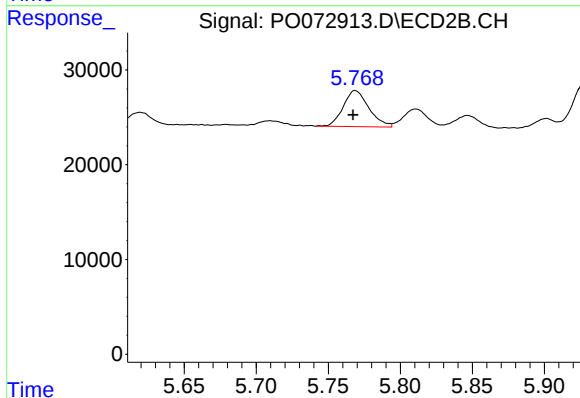
R.T.: 5.586 min  
Delta R.T.: 0.002 min  
Response: 47378  
Conc: 111.26 ng/ml



#15 AR-1232-5

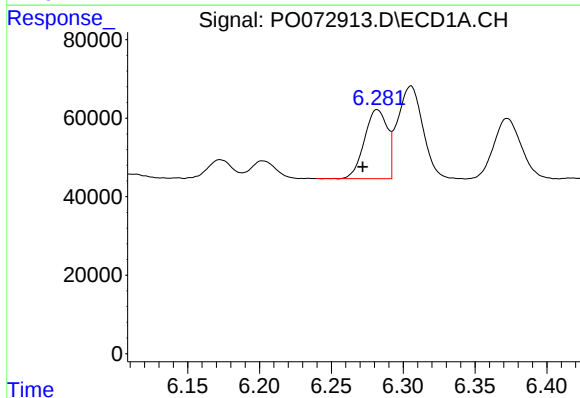
R.T.: 6.578 min  
Delta R.T.: 0.009 min  
Response: 52559  
Conc: 148.50 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



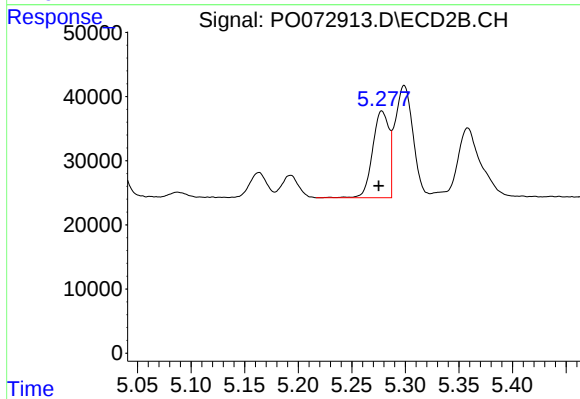
#15 AR-1232-5

R.T.: 5.769 min  
Delta R.T.: 0.002 min  
Response: 47374  
Conc: 101.53 ng/ml



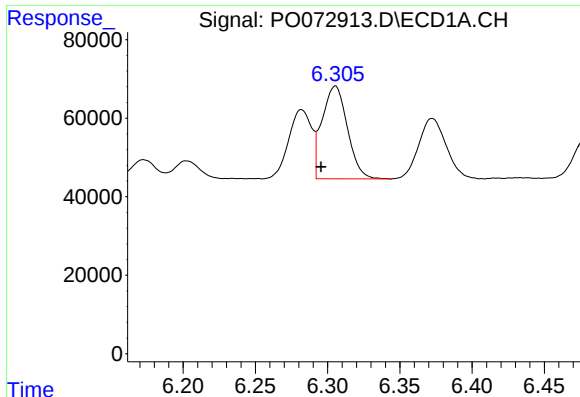
#16 AR-1242-1

R.T.: 6.282 min  
Delta R.T.: 0.010 min  
Response: 194705  
Conc: 139.95 ng/ml



#16 AR-1242-1

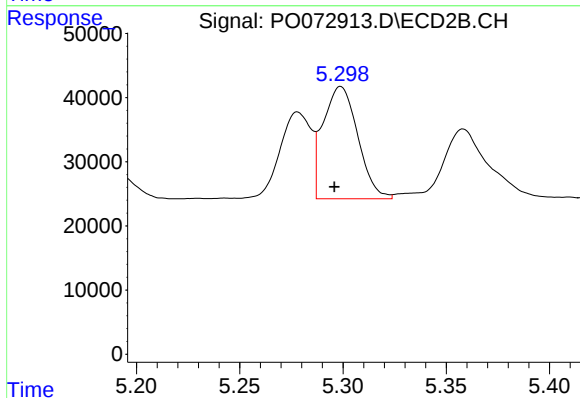
R.T.: 5.278 min  
Delta R.T.: 0.003 min  
Response: 143781  
Conc: 122.29 ng/ml



#17 AR-1242-2

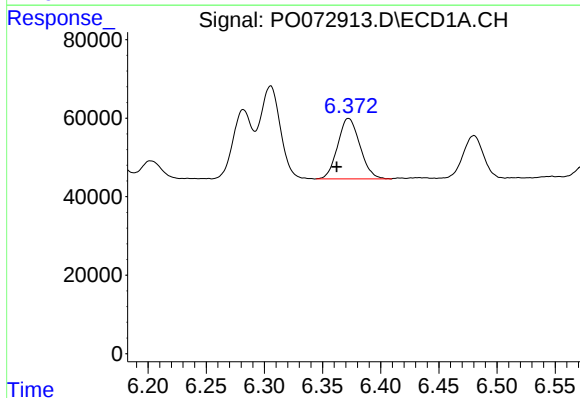
R.T.: 6.305 min  
Delta R.T.: 0.010 min  
Response: 288731  
Conc: 151.04 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



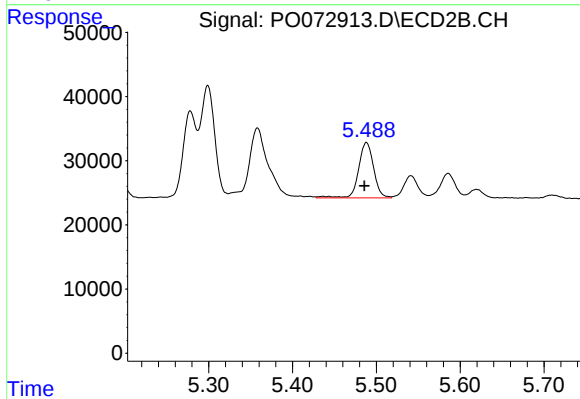
#17 AR-1242-2

R.T.: 5.299 min  
Delta R.T.: 0.003 min  
Response: 205480  
Conc: 129.39 ng/ml



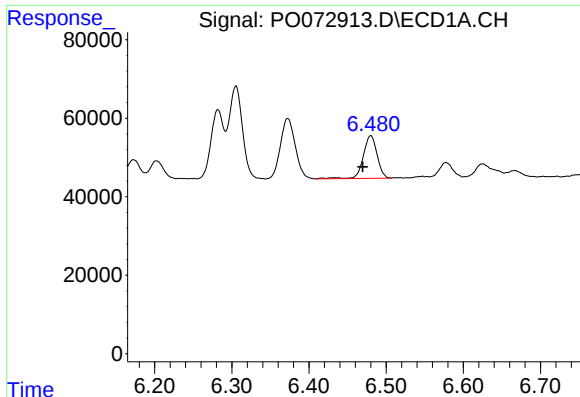
#18 AR-1242-3

R.T.: 6.372 min  
Delta R.T.: 0.010 min  
Response: 204842  
Conc: 172.99 ng/ml



#18 AR-1242-3

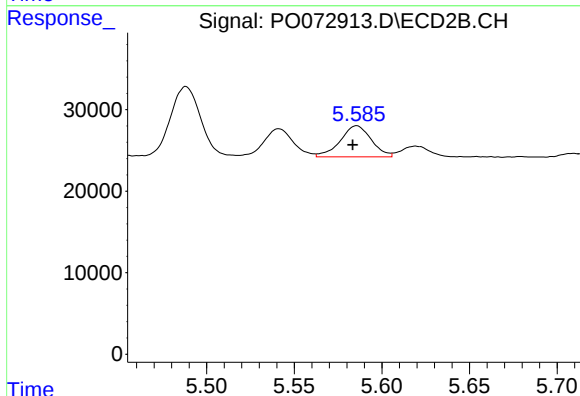
R.T.: 5.488 min  
Delta R.T.: 0.002 min  
Response: 107813  
Conc: 124.72 ng/ml



#19 AR-1242-4

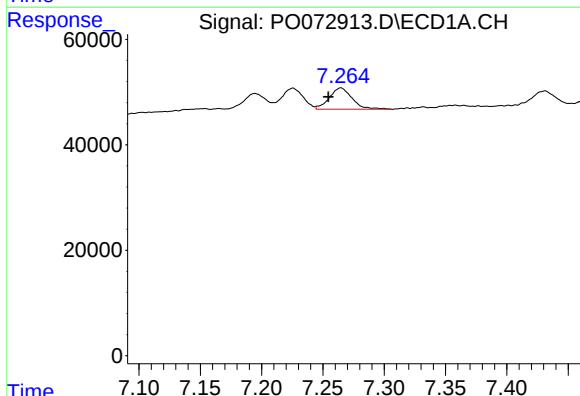
R.T.: 6.480 min  
Delta R.T.: 0.011 min  
Response: 135922  
Conc: 140.39 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



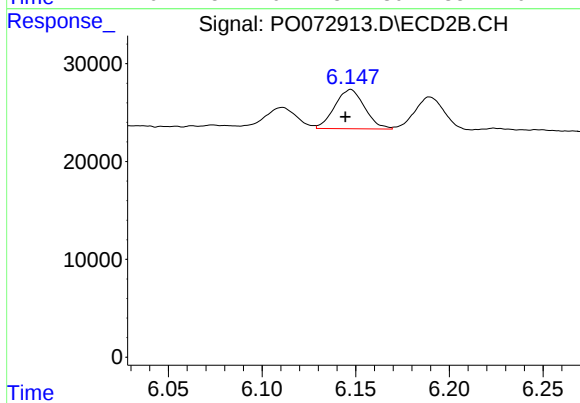
#19 AR-1242-4

R.T.: 5.586 min  
Delta R.T.: 0.002 min  
Response: 47378  
Conc: 57.08 ng/ml



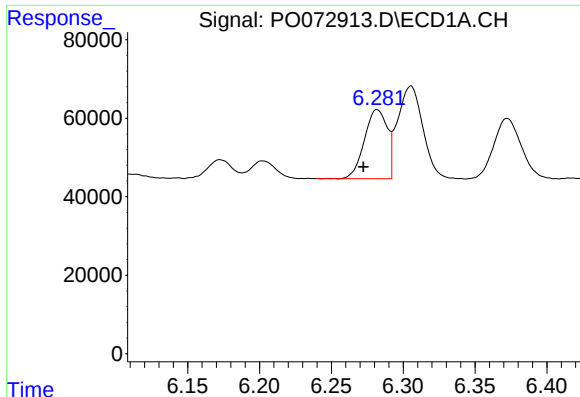
#20 AR-1242-5

R.T.: 7.265 min  
Delta R.T.: 0.010 min  
Response: 52355  
Conc: 51.11 ng/ml



#20 AR-1242-5

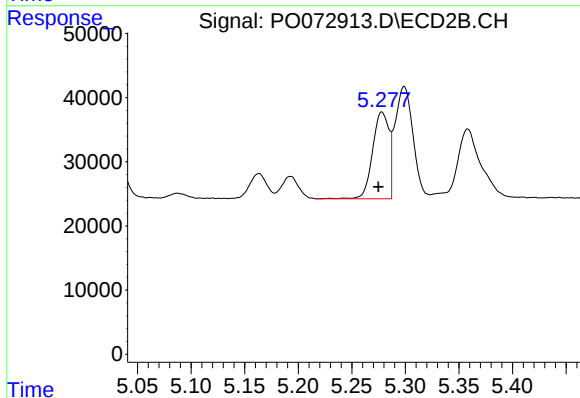
R.T.: 6.147 min  
Delta R.T.: 0.003 min  
Response: 44669  
Conc: 41.63 ng/ml



#21 AR-1248-1

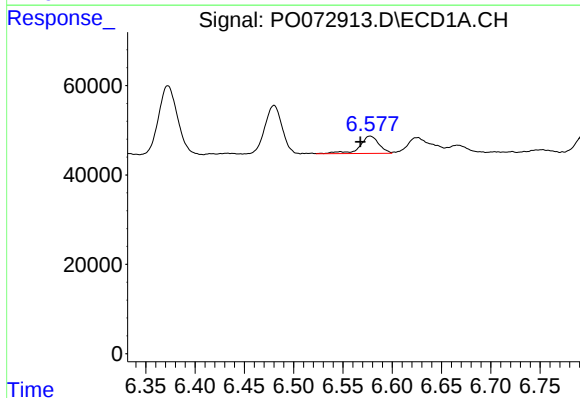
R.T.: 6.282 min  
Delta R.T.: 0.010 min  
Response: 194705  
Conc: 188.69 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



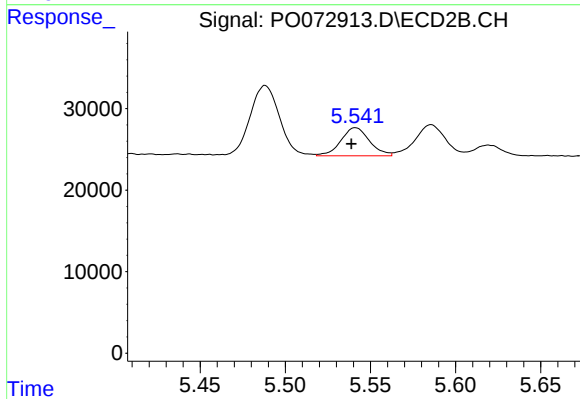
#21 AR-1248-1

R.T.: 5.278 min  
Delta R.T.: 0.003 min  
Response: 143781  
Conc: 151.66 ng/ml



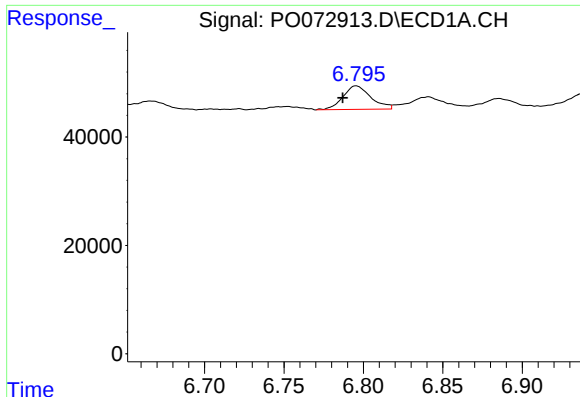
#22 AR-1248-2

R.T.: 6.578 min  
Delta R.T.: 0.010 min  
Response: 52559  
Conc: 39.98 ng/ml



#22 AR-1248-2

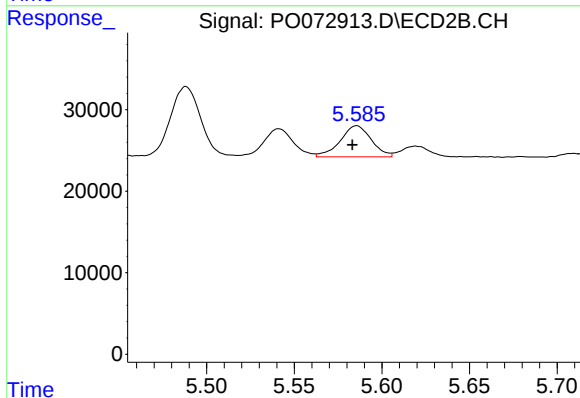
R.T.: 5.541 min  
Delta R.T.: 0.002 min  
Response: 40674  
Conc: 32.34 ng/ml



#23 AR-1248-3

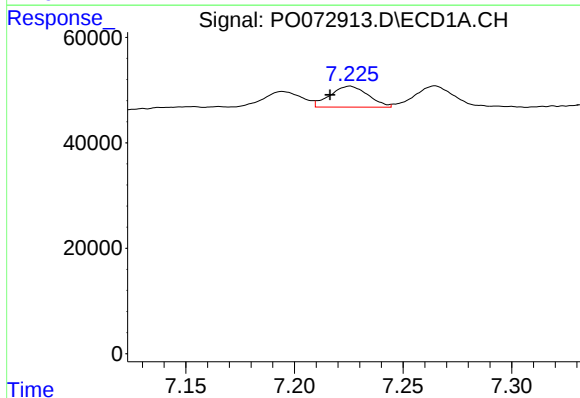
R.T.: 6.796 min  
Delta R.T.: 0.009 min  
Response: 53160  
Conc: 35.88 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



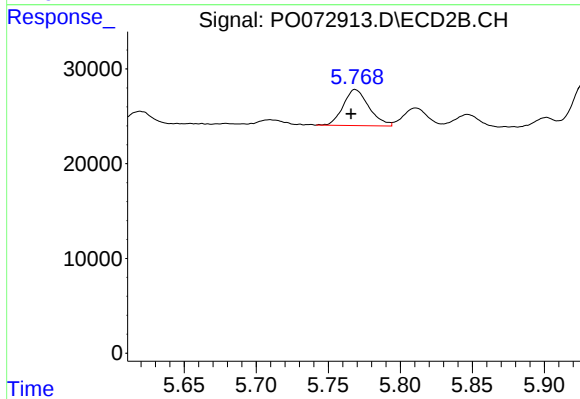
#23 AR-1248-3

R.T.: 5.586 min  
Delta R.T.: 0.002 min  
Response: 47378  
Conc: 36.63 ng/ml



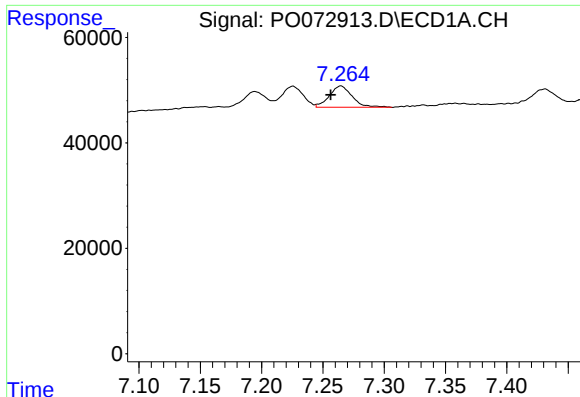
#24 AR-1248-4

R.T.: 7.226 min  
Delta R.T.: 0.009 min  
Response: 48431  
Conc: 26.82 ng/ml



#24 AR-1248-4

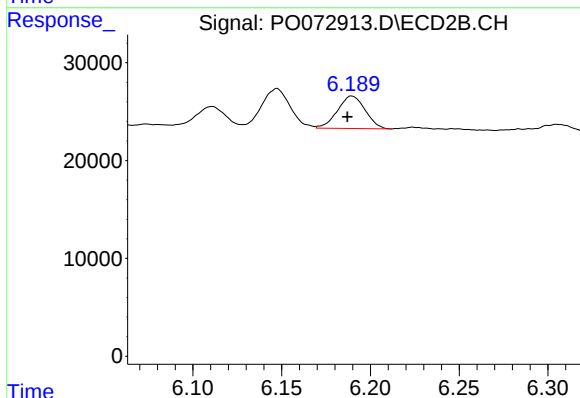
R.T.: 5.769 min  
Delta R.T.: 0.003 min  
Response: 47374  
Conc: 30.49 ng/ml



#25 AR-1248-5

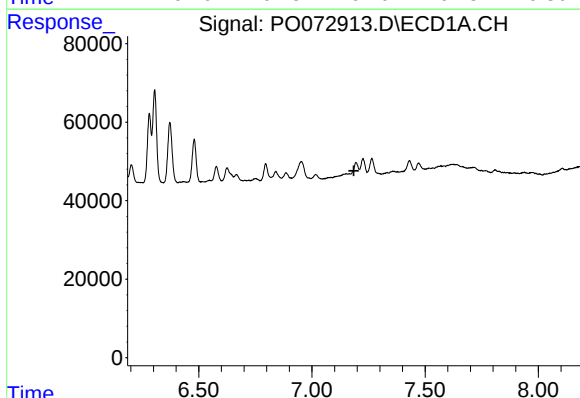
R.T.: 7.265 min  
Delta R.T.: 0.008 min  
Response: 52355  
Conc: 30.37 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



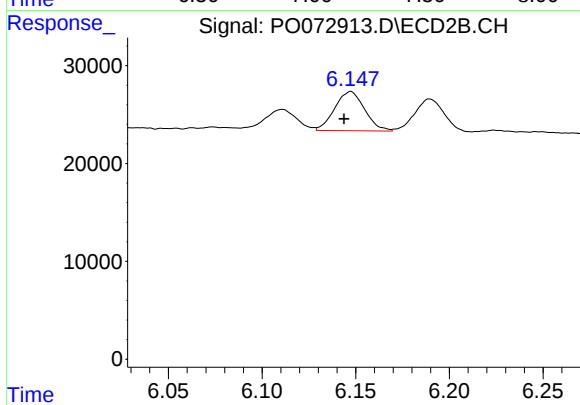
#25 AR-1248-5

R.T.: 6.190 min  
Delta R.T.: 0.003 min  
Response: 36148  
Conc: 23.48 ng/ml



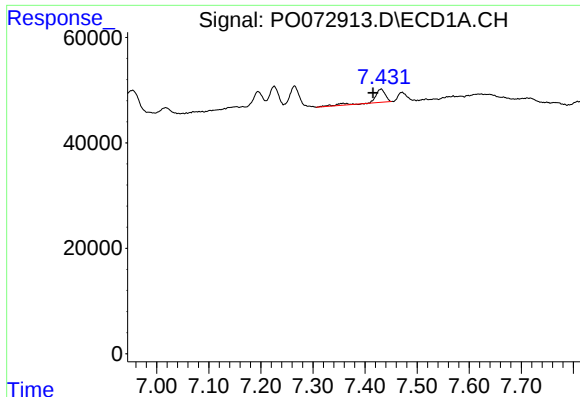
#26 AR-1254-1

R.T.: 0.000 min  
Exp R.T. : 7.185 min  
Response: 0  
Conc: N.D.



#26 AR-1254-1

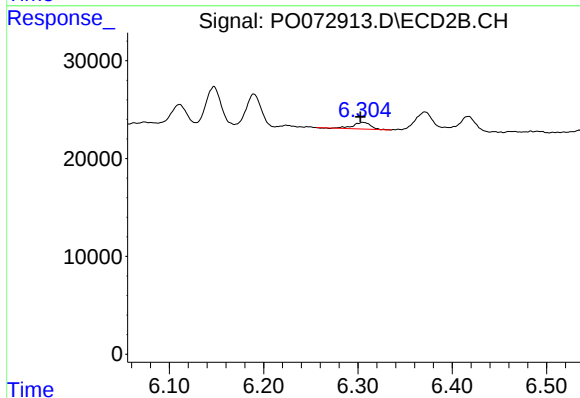
R.T.: 6.147 min  
Delta R.T.: 0.004 min  
Response: 44669  
Conc: 19.85 ng/ml



#27 AR-1254-2

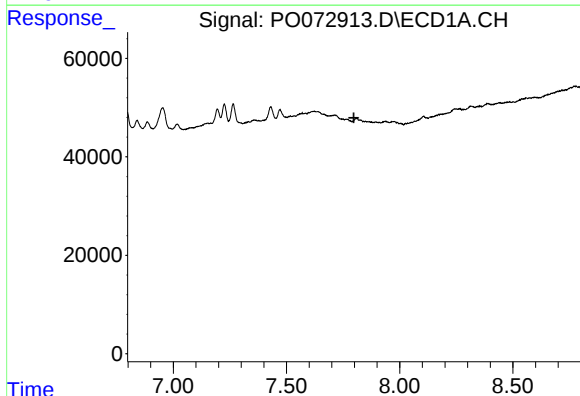
R.T.: 7.431 min  
Delta R.T.: 0.015 min  
Response: 37030  
Conc: 13.86 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



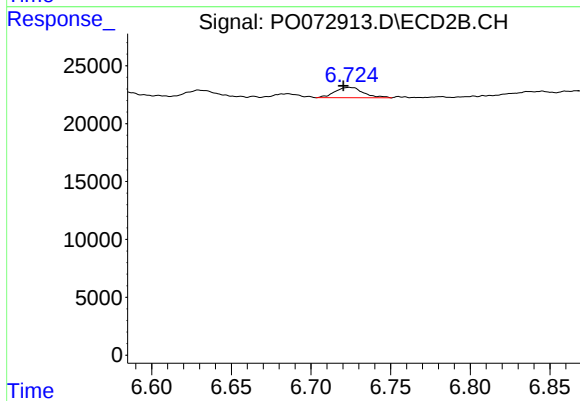
#27 AR-1254-2

R.T.: 6.305 min  
Delta R.T.: 0.003 min  
Response: 8760  
Conc: 4.36 ng/ml



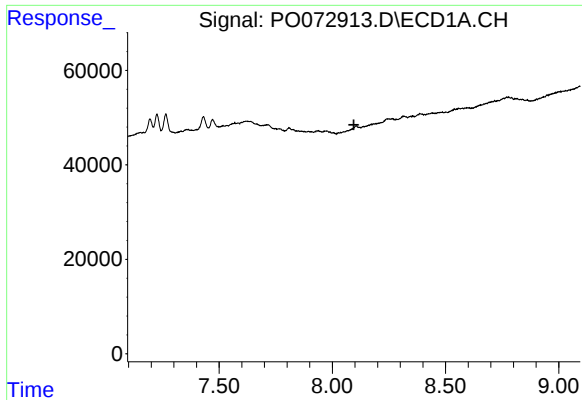
#28 AR-1254-3

R.T.: 0.000 min  
Exp R.T. : 7.798 min  
Response: 0  
Conc: N.D.



#28 AR-1254-3

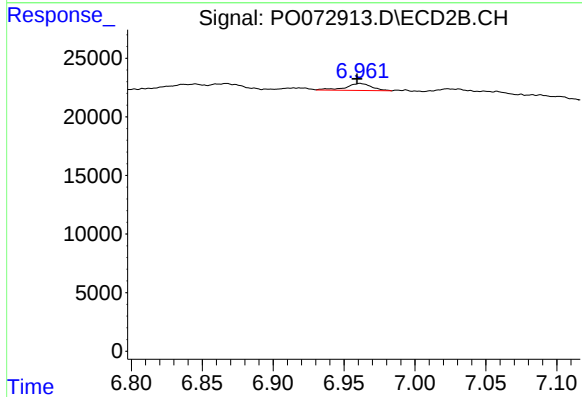
R.T.: 6.724 min  
Delta R.T.: 0.004 min  
Response: 11133  
Conc: 3.50 ng/ml



#29 AR-1254-4

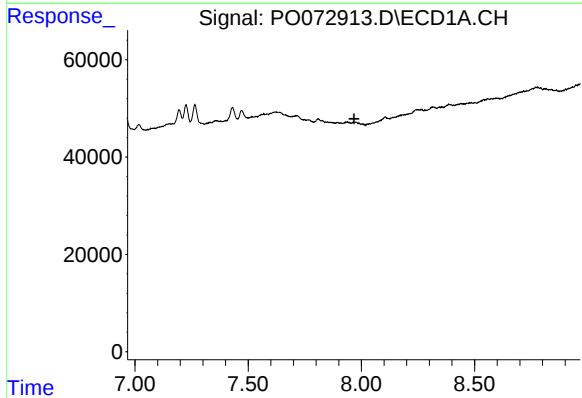
R.T.: 0.000 min  
Exp R.T.: 8.095 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



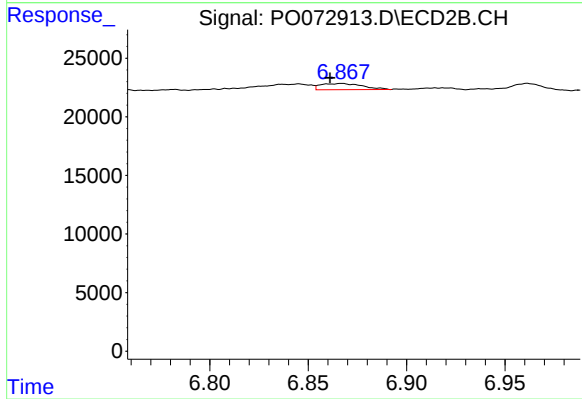
#29 AR-1254-4

R.T.: 6.961 min  
Delta R.T.: 0.002 min  
Response: 7669  
Conc: 3.53 ng/ml



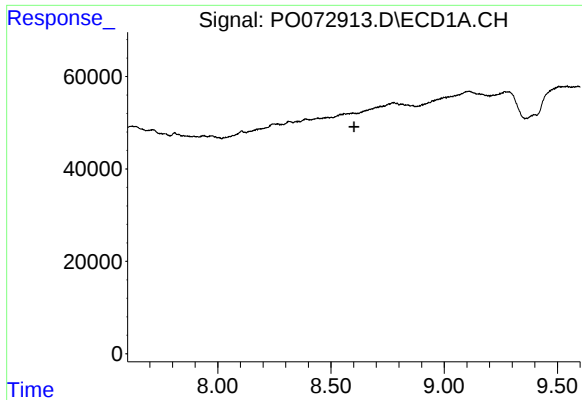
#31 AR-1260-1

R.T.: 0.000 min  
Exp R.T.: 7.967 min  
Response: 0  
Conc: N.D.



#31 AR-1260-1

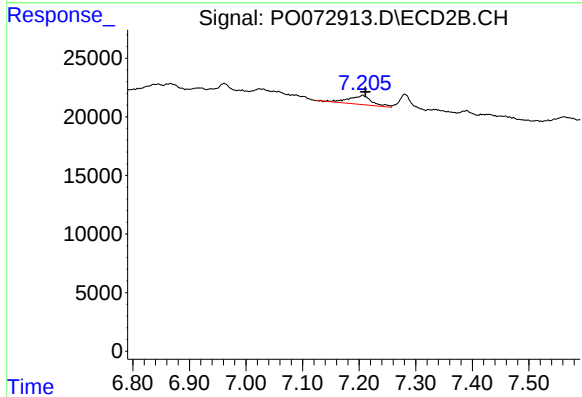
R.T.: 6.867 min  
Delta R.T.: 0.006 min  
Response: 7882  
Conc: 3.96 ng/ml



#33 AR-1260-3

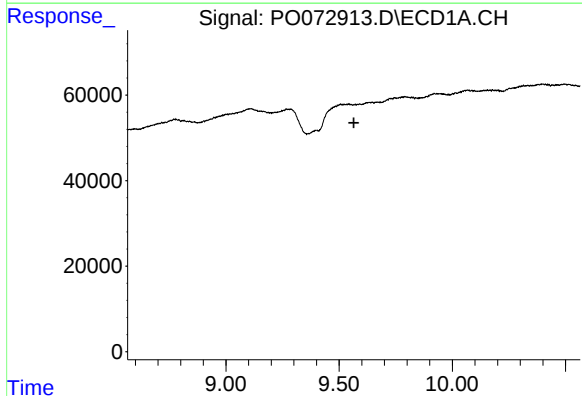
R.T.: 0.000 min  
Exp R.T.: 8.601 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



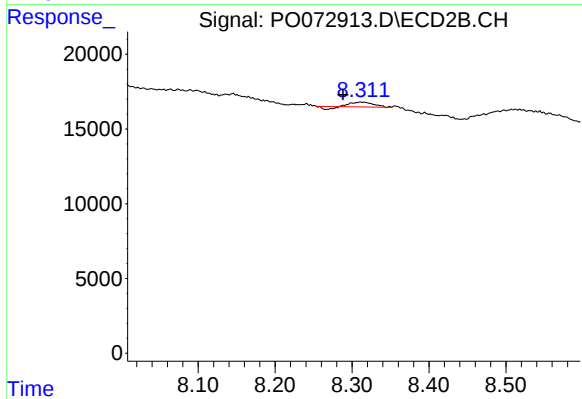
#33 AR-1260-3

R.T.: 7.206 min  
Delta R.T.: -0.005 min  
Response: 21911  
Conc: 9.94 ng/ml



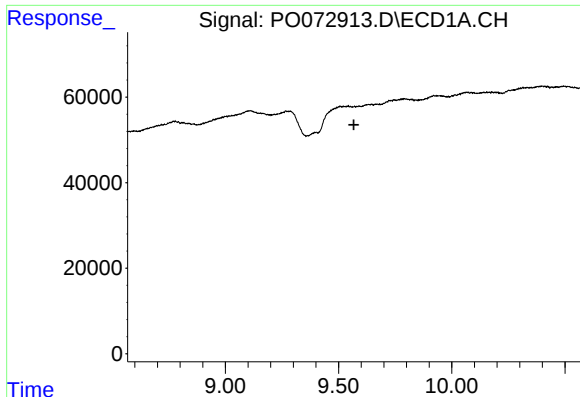
#39 AR-1262-4

R.T.: 0.000 min  
Exp R.T.: 9.565 min  
Response: 0  
Conc: N.D.



#39 AR-1262-4

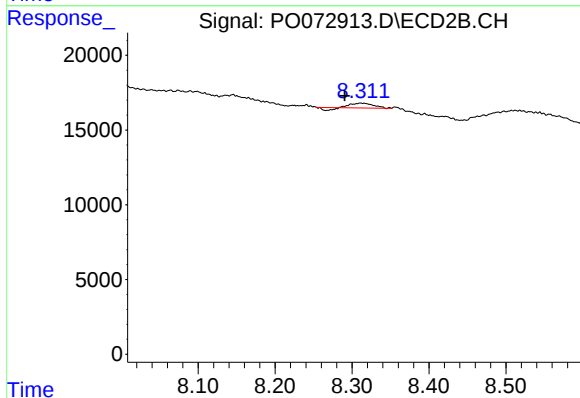
R.T.: 8.315 min  
Delta R.T.: 0.027 min  
Response: 5112  
Conc: 1.54 ng/ml



#42 AR-1268-2

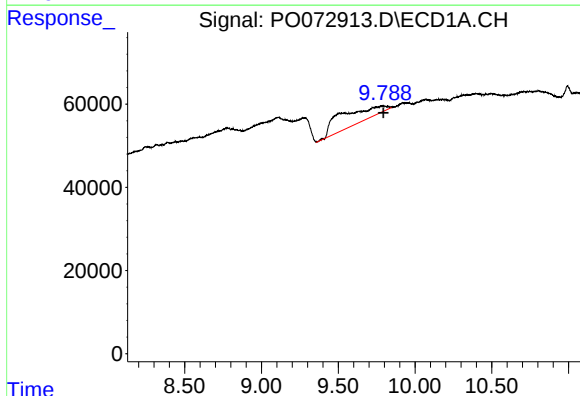
R.T.: 0.000 min  
Exp R.T.: 9.568 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



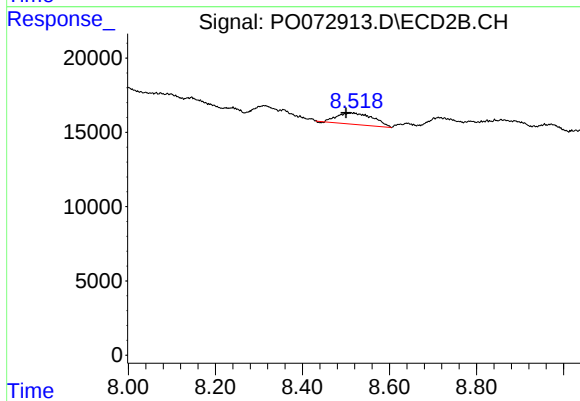
#42 AR-1268-2

R.T.: 8.315 min  
Delta R.T.: 0.025 min  
Response: 5112  
Conc: 1.09 ng/ml



#43 AR-1268-3

R.T.: 9.789 min  
Delta R.T.: -0.006 min  
Response: 655113  
Conc: 151.03 ng/ml



#43 AR-1268-3

R.T.: 8.518 min  
Delta R.T.: 0.018 min  
Response: 44407  
Conc: 10.55 ng/ml