

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR060719\  
 Data File : PR038561.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 07 Jun 2019 19:43  
 Operator : SM\MA  
 Sample : K3153-05  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 ECD\_R  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 07 23:40:15 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR060519.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Thu Jun 06 01:26:25 2019  
 Response via : Initial Calibration  
 Integrator: ChemStation

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... | 3.774 | 4.622  | 64677360 | 206.6E6  | 30.348 | 29.206    |
| 2)                          | SA Decachlor... | 8.733 | 10.373 | 48059774 | 145.0E6  | 19.234 | 23.558    |
|                             |                 |       |        |          |          |        |           |
| Target Compounds            |                 |       |        |          |          |        |           |
| 3)                          | L1 AR-1016-1    | 0.000 | 5.806  | 0        | 2065960  | N.D.   | 7.709 #   |
| 4)                          | L1 AR-1016-2    | 0.000 | 5.806  | 0        | 2065960  | N.D.   | 5.389 #   |
| 5)                          | L1 AR-1016-3    | 0.000 | 5.806  | 0        | 2065960  | N.D.   | 9.062 #   |
| 6)                          | L1 AR-1016-4    | 0.000 | 5.937  | 0        | 13771931 | N.D.   | 73.007 #  |
| 7)                          | L1 AR-1016-5    | 5.248 | 6.214  | 2171220  | 12092208 | 31.780 | 64.800 #  |
| 9)                          | L2 AR-1221-2    | 0.000 | 4.928  | 0        | 3239212  | N.D.   | 35.192 #  |
| 10)                         | L2 AR-1221-3    | 4.201 | 4.928  | 2776370  | 3239212  | 28.176 | 10.846 #  |
| 11)                         | L3 AR-1232-1    | 4.201 | 4.928  | 2776370  | 3239212  | 39.085 | 15.202 #  |
| 13)                         | L3 AR-1232-3    | 0.000 | 5.806  | 0        | 2065960  | N.D.   | 8.337 #   |
| 14)                         | L3 AR-1232-4    | 0.000 | 5.937  | 0        | 13771931 | N.D.   | 113.894 # |
| 15)                         | L3 AR-1232-5    | 5.248 | 6.060  | 2171220  | 2565281  | 53.335 | 29.553 #  |
| 16)                         | L4 AR-1242-1    | 0.000 | 5.806  | 0        | 2065960  | N.D.   | 5.832 #   |
| 17)                         | L4 AR-1242-2    | 0.000 | 5.806  | 0        | 2065960  | N.D.   | 4.058 #   |
| 18)                         | L4 AR-1242-3    | 0.000 | 5.806  | 0        | 2065960  | N.D.   | 6.867 #   |
| 19)                         | L4 AR-1242-4    | 0.000 | 5.937  | 0        | 13771931 | N.D.   | 54.806 #  |
| 20)                         | L4 AR-1242-5    | 5.644 | 6.665  | 7182189  | 10484625 | 61.326 | 36.320 #  |
| 21)                         | L5 AR-1248-1    | 0.000 | 5.806  | 0        | 2065960  | N.D.   | 7.399 #   |
| 22)                         | L5 AR-1248-2    | 0.000 | 6.060  | 0        | 2565281  | N.D.   | 7.027 #   |
| 23)                         | L5 AR-1248-3    | 0.000 | 6.214  | 0        | 12092208 | N.D.   | 28.470 #  |
| 24)                         | L5 AR-1248-4    | 5.248 | 6.639  | 2171220  | 12330199 | 14.394 | 24.432 #  |
| 25)                         | L5 AR-1248-5    | 5.644 | 6.665  | 7182189  | 10484625 | 44.344 | 21.955 #  |
| 26)                         | L6 AR-1254-1    | 5.644 | 6.615  | 7182189  | 10984501 | 32.499 | 23.614 #  |
| 27)                         | L6 AR-1254-2    | 5.782 | 6.854  | 1898128  | 20359110 | 10.013 | 30.679 #  |
| 28)                         | L6 AR-1254-3    | 6.178 | 7.215  | 350651   | 10407757 | 1.114  | 13.743 #  |
| 29)                         | L6 AR-1254-4    | 0.000 | 7.472  | 0        | 8454361  | N.D.   | 14.671 #  |
| 30)                         | L6 AR-1254-5    | 6.816 | 7.898  | 1371728  | 5660190  | 4.834  | 9.283 #   |
| 32)                         | L7 AR-1260-2    | 6.490 | 7.617  | 1482275  | 28706531 | 8.691  | 70.831 #  |
| -----                       |                 |       |        |          |          |        |           |

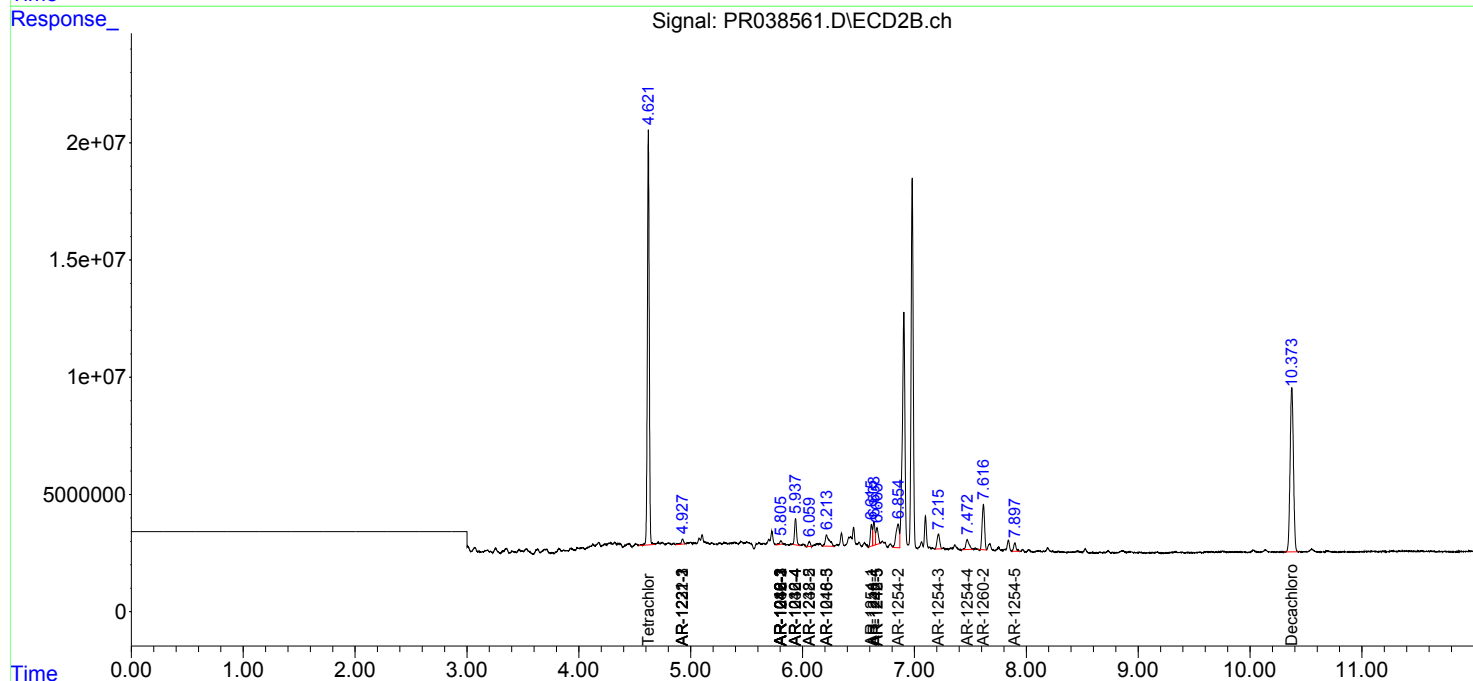
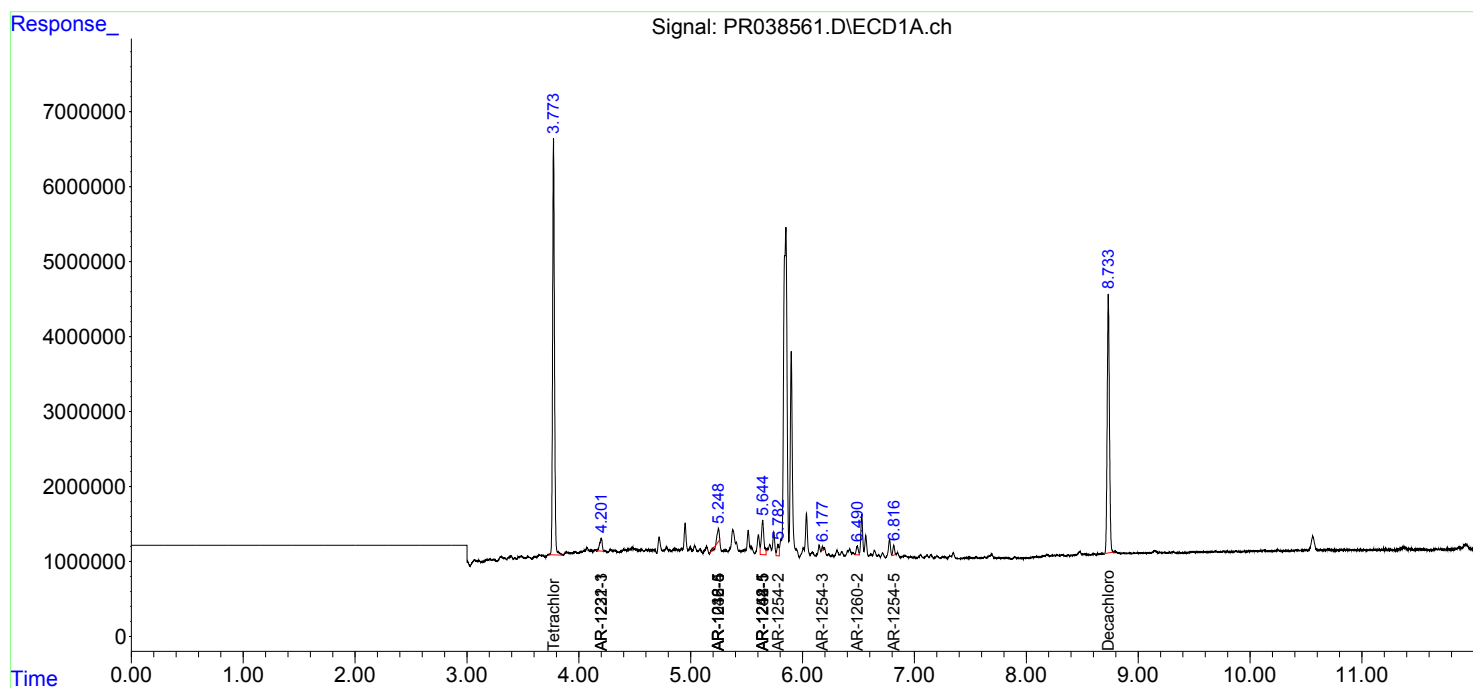
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

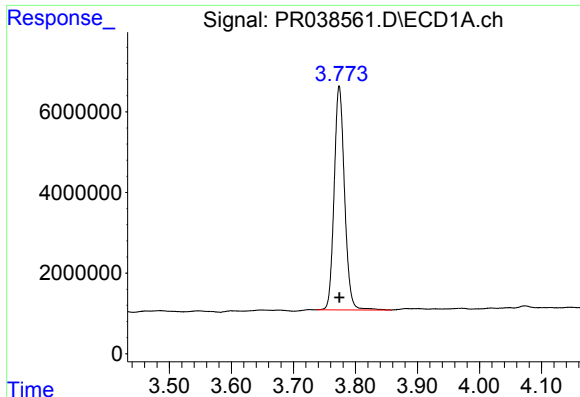
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR060719\  
Data File : PR038561.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 07 Jun 2019 19:43  
Operator : SM\MA  
Sample : K3153-05  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
ECD\_R  
ClientSampled :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 07 23:40:15 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR060519.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Thu Jun 06 01:26:25 2019  
Response via : Initial Calibration  
Integrator: ChemStation

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

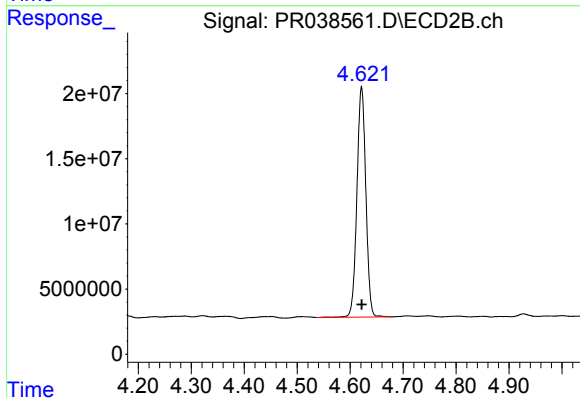




#1 Tetrachloro-m-xylene

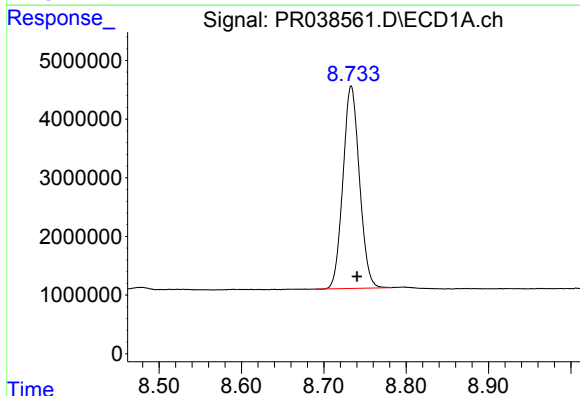
R.T.: 3.774 min  
Delta R.T.: 0.000 min  
Response: 64677360  
Conc: 30.35 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



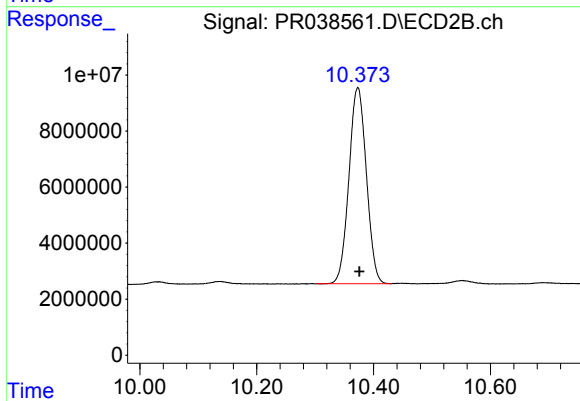
#1 Tetrachloro-m-xylene

R.T.: 4.622 min  
Delta R.T.: 0.000 min  
Response: 206608855  
Conc: 29.21 ng/ml



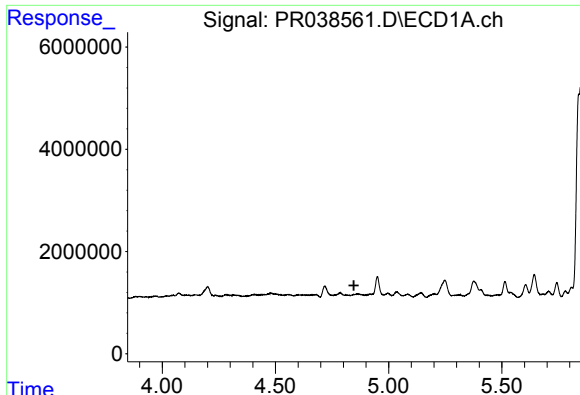
#2 Decachlorobiphenyl

R.T.: 8.733 min  
Delta R.T.: -0.007 min  
Response: 48059774  
Conc: 19.23 ng/ml



#2 Decachlorobiphenyl

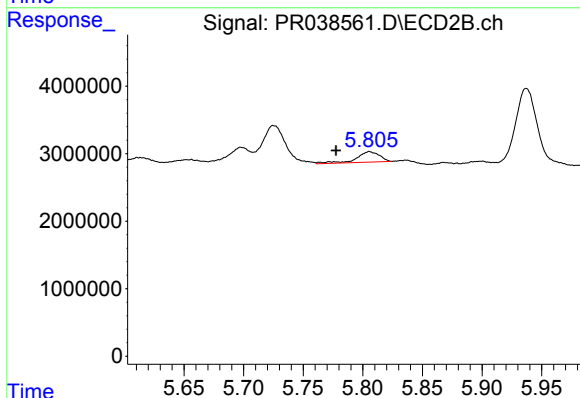
R.T.: 10.373 min  
Delta R.T.: -0.003 min  
Response: 144972058  
Conc: 23.56 ng/ml



#3 AR-1016-1

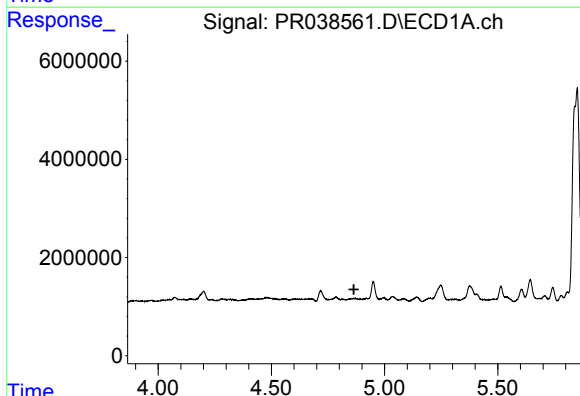
R.T.: 0.000 min  
Exp R.T. : 4.847 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :



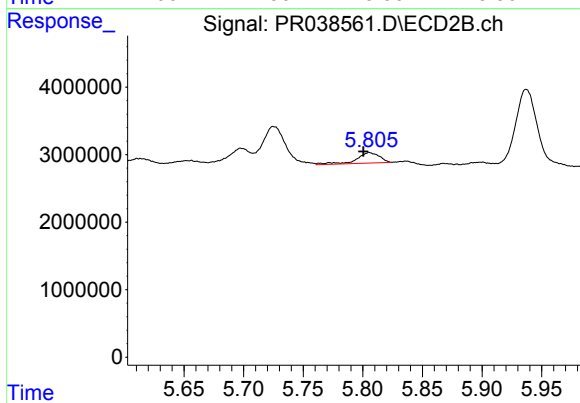
#3 AR-1016-1

R.T.: 5.806 min  
Delta R.T.: 0.028 min  
Response: 2065960  
Conc: 7.71 ng/ml



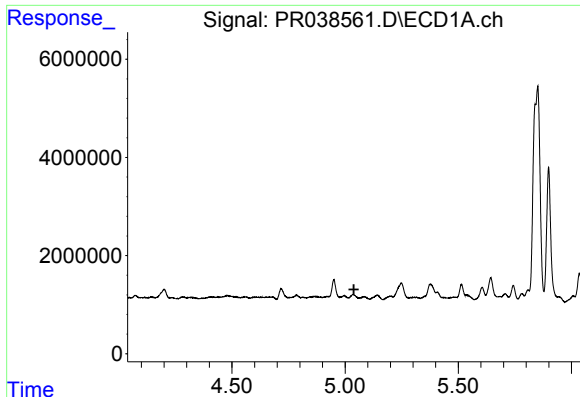
#4 AR-1016-2

R.T.: 0.000 min  
Exp R.T. : 4.864 min  
Response: 0  
Conc: N.D.



#4 AR-1016-2

R.T.: 5.806 min  
Delta R.T.: 0.005 min  
Response: 2065960  
Conc: 5.39 ng/ml



#5 AR-1016-3

R.T.: 0.000 min  
Exp R.T.: 5.039 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :

#5 AR-1016-3

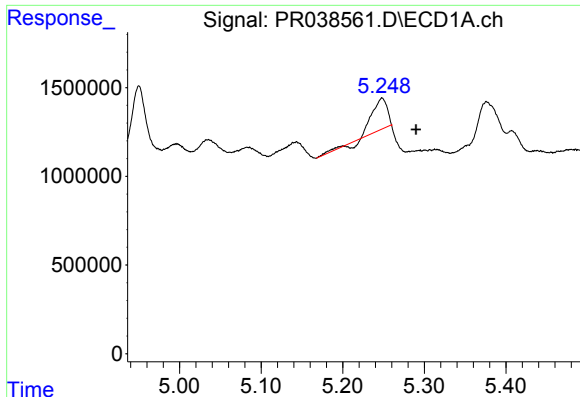
R.T.: 5.806 min  
Delta R.T.: -0.057 min  
Response: 2065960  
Conc: 9.06 ng/ml

#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T.: 5.079 min  
Response: 0  
Conc: N.D.

#6 AR-1016-4

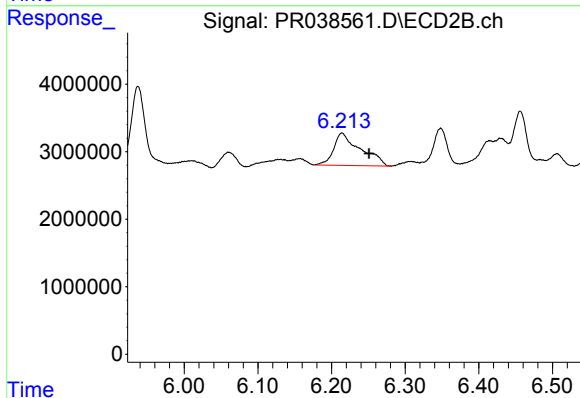
R.T.: 5.937 min  
Delta R.T.: -0.023 min  
Response: 13771931  
Conc: 73.01 ng/ml



#7 AR-1016-5

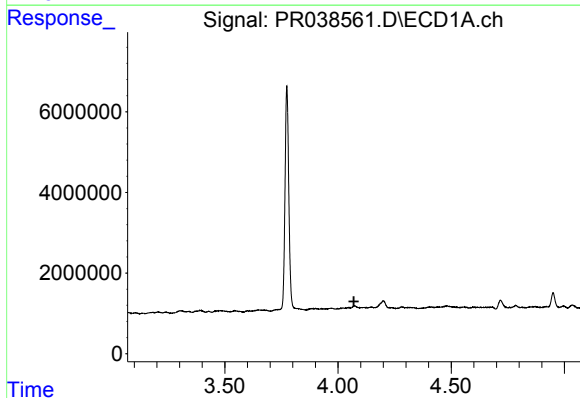
R.T.: 5.248 min  
Delta R.T.: -0.042 min  
Response: 2171220  
Conc: 31.78 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



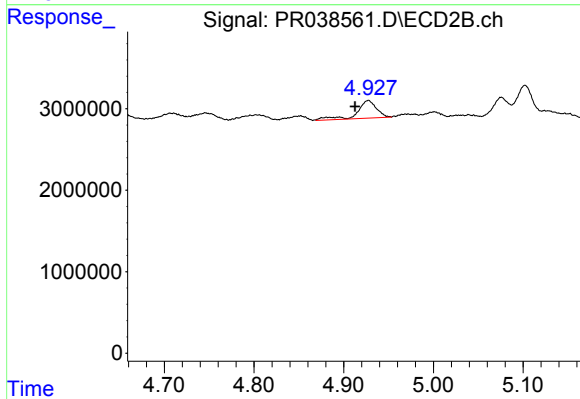
#7 AR-1016-5

R.T.: 6.214 min  
Delta R.T.: -0.037 min  
Response: 12092208  
Conc: 64.80 ng/ml



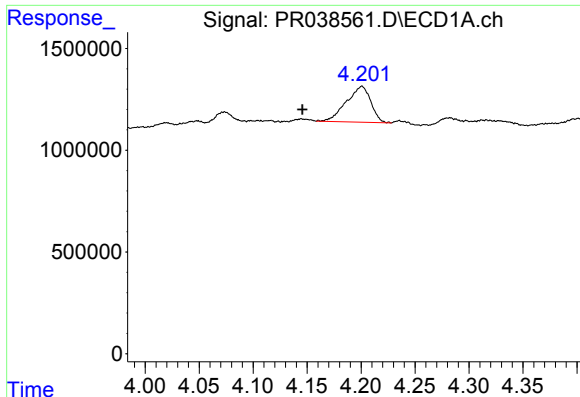
#9 AR-1221-2

R.T.: 0.000 min  
Exp R.T. : 4.070 min  
Response: 0  
Conc: N.D.



#9 AR-1221-2

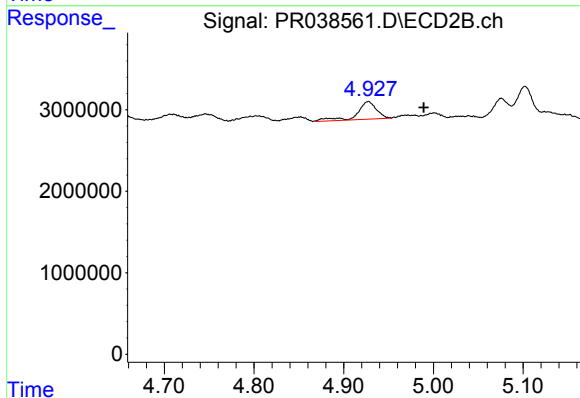
R.T.: 4.928 min  
Delta R.T.: 0.015 min  
Response: 3239212  
Conc: 35.19 ng/ml



#10 AR-1221-3

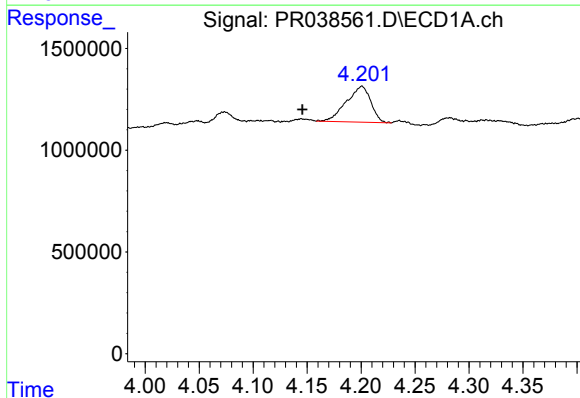
R.T.: 4.201 min  
Delta R.T.: 0.055 min  
Response: 2776370  
Conc: 28.18 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



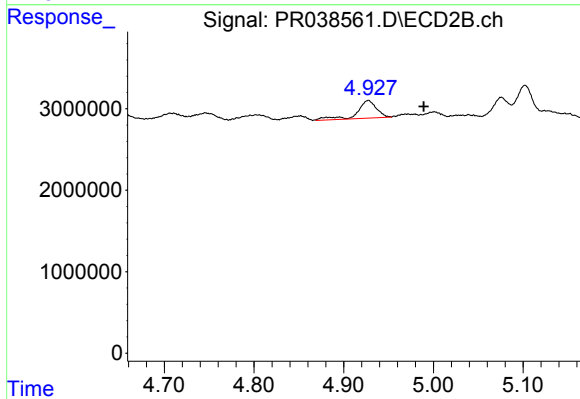
#10 AR-1221-3

R.T.: 4.928 min  
Delta R.T.: -0.061 min  
Response: 3239212  
Conc: 10.85 ng/ml



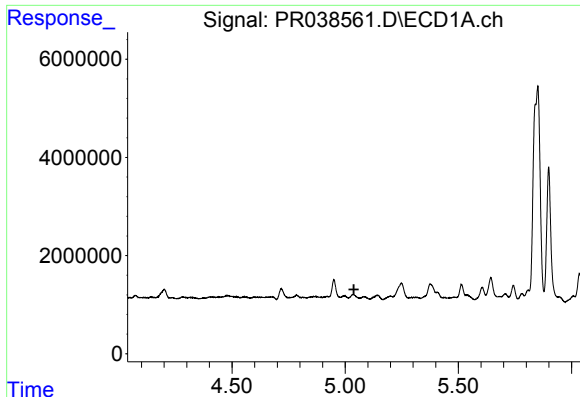
#11 AR-1232-1

R.T.: 4.201 min  
Delta R.T.: 0.055 min  
Response: 2776370  
Conc: 39.08 ng/ml



#11 AR-1232-1

R.T.: 4.928 min  
Delta R.T.: -0.061 min  
Response: 3239212  
Conc: 15.20 ng/ml



#13 AR-1232-3

R.T.: 0.000 min  
Exp R.T.: 5.038 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :

#13 AR-1232-3

R.T.: 5.806 min  
Delta R.T.: 0.005 min  
Response: 2065960  
Conc: 8.34 ng/ml

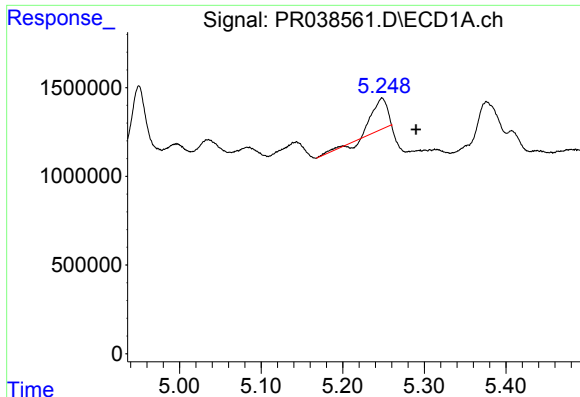
#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T.: 5.120 min  
Response: 0  
Conc: N.D.

#14 AR-1232-4

R.T.: 5.937 min  
Delta R.T.: -0.024 min  
Response: 13771931  
Conc: 113.89 ng/ml

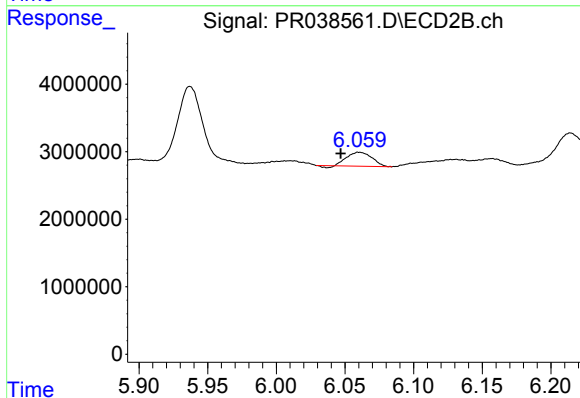




#15 AR-1232-5

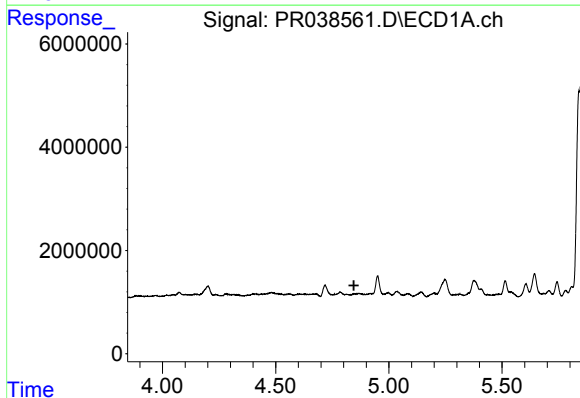
R.T.: 5.248 min  
Delta R.T.: -0.042 min  
Response: 2171220  
Conc: 53.34 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



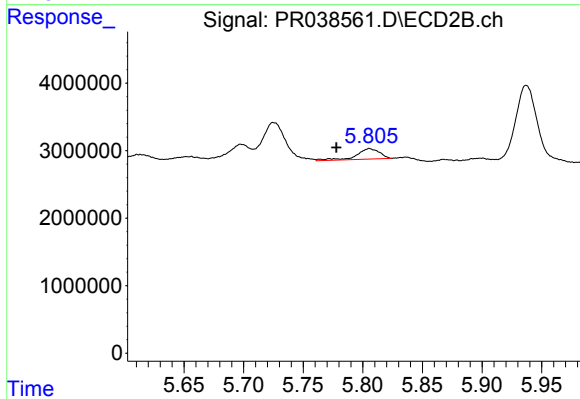
#15 AR-1232-5

R.T.: 6.060 min  
Delta R.T.: 0.013 min  
Response: 2565281  
Conc: 29.55 ng/ml



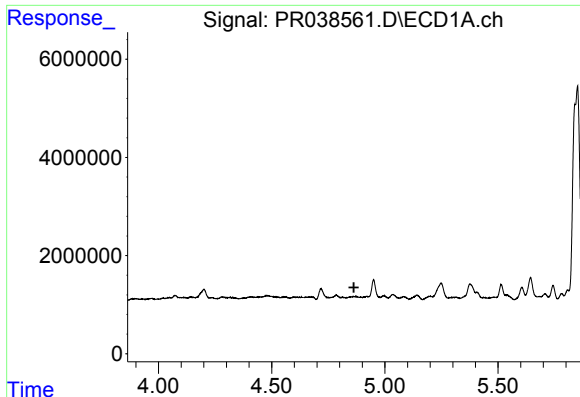
#16 AR-1242-1

R.T.: 0.000 min  
Exp R.T. : 4.846 min  
Response: 0  
Conc: N.D.



#16 AR-1242-1

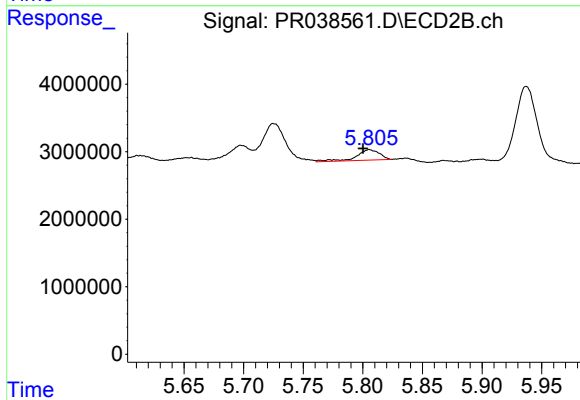
R.T.: 5.806 min  
Delta R.T.: 0.028 min  
Response: 2065960  
Conc: 5.83 ng/ml



#17 AR-1242-2

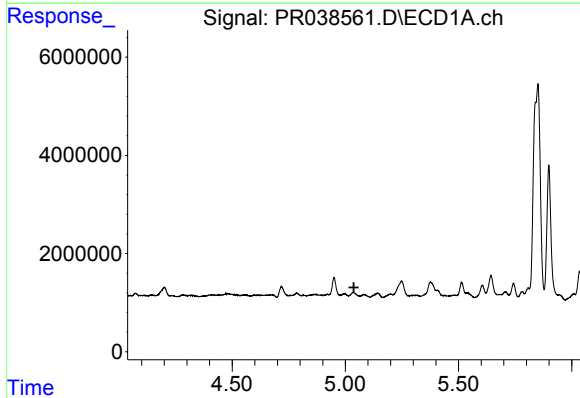
R.T.: 0.000 min  
Exp R.T. : 4.863 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :



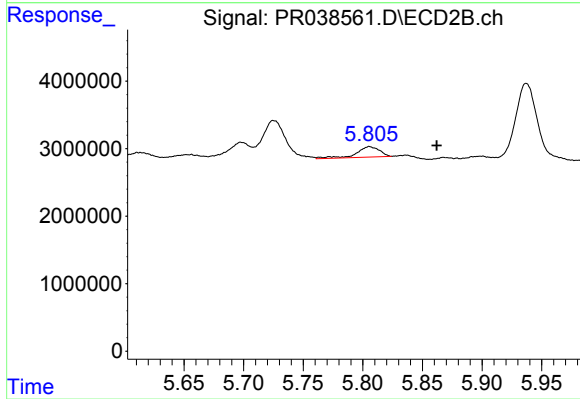
#17 AR-1242-2

R.T.: 5.806 min  
Delta R.T.: 0.005 min  
Response: 2065960  
Conc: 4.06 ng/ml



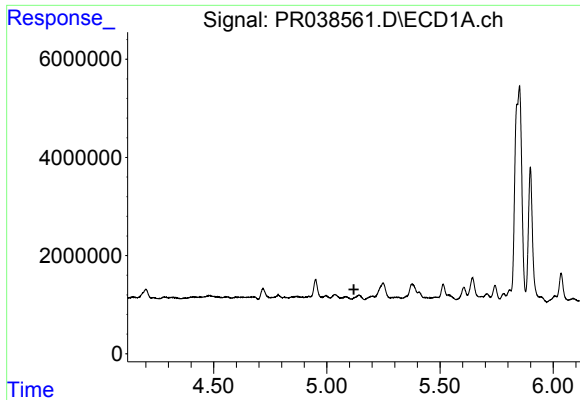
#18 AR-1242-3

R.T.: 0.000 min  
Exp R.T. : 5.038 min  
Response: 0  
Conc: N.D.



#18 AR-1242-3

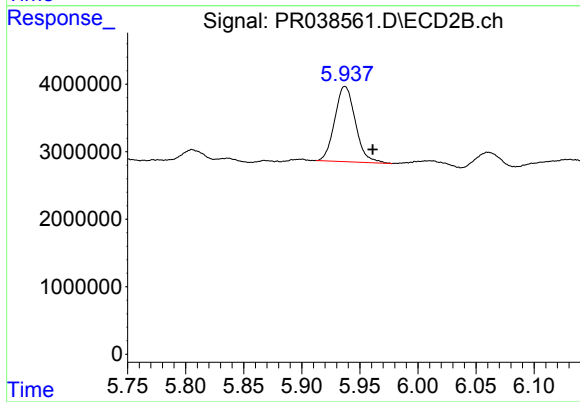
R.T.: 5.806 min  
Delta R.T.: -0.057 min  
Response: 2065960  
Conc: 6.87 ng/ml



#19 AR-1242-4

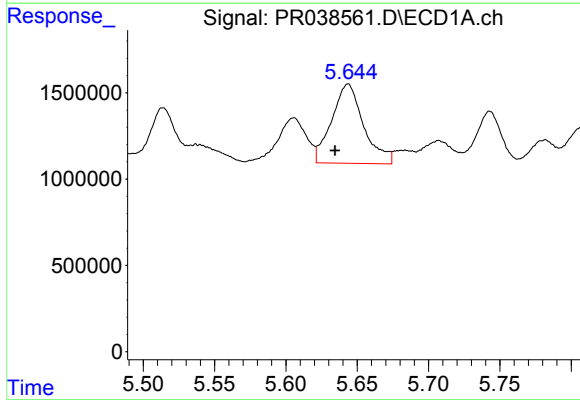
R.T.: 0.000 min  
Exp R.T.: 5.120 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :



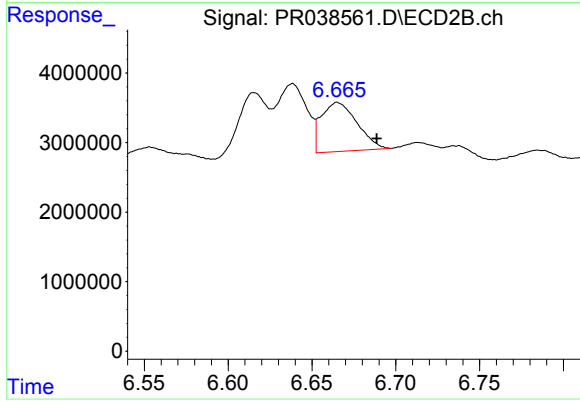
#19 AR-1242-4

R.T.: 5.937 min  
Delta R.T.: -0.024 min  
Response: 13771931  
Conc: 54.81 ng/ml



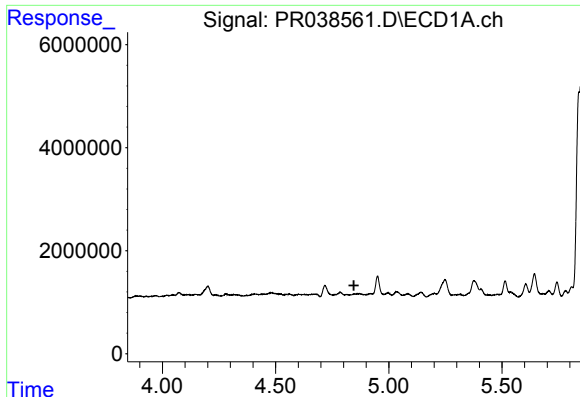
#20 AR-1242-5

R.T.: 5.644 min  
Delta R.T.: 0.009 min  
Response: 7182189  
Conc: 61.33 ng/ml



#20 AR-1242-5

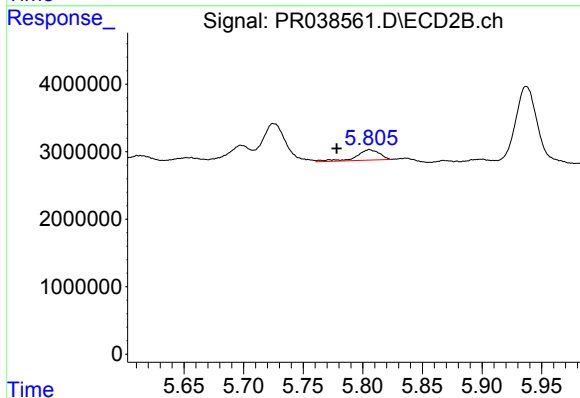
R.T.: 6.665 min  
Delta R.T.: -0.024 min  
Response: 10484625  
Conc: 36.32 ng/ml



#21 AR-1248-1

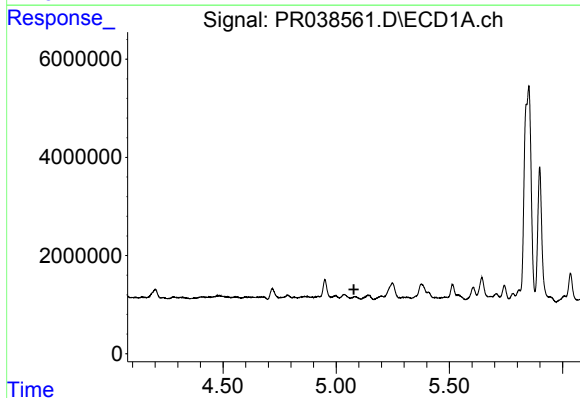
R.T.: 0.000 min  
Exp R.T.: 4.846 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :



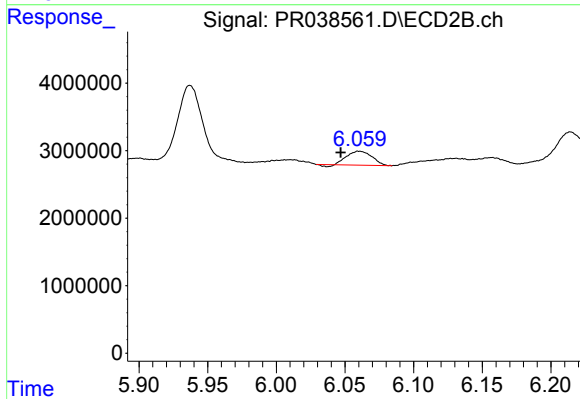
#21 AR-1248-1

R.T.: 5.806 min  
Delta R.T.: 0.027 min  
Response: 2065960  
Conc: 7.40 ng/ml



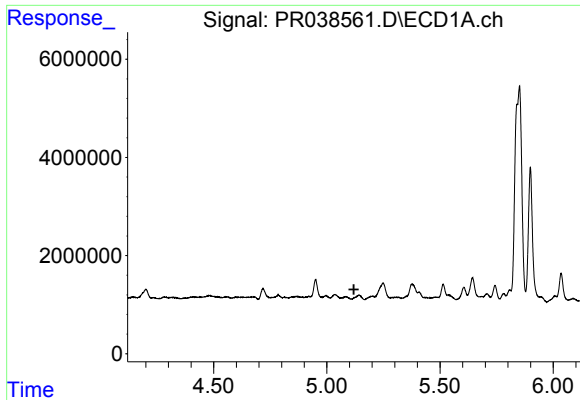
#22 AR-1248-2

R.T.: 0.000 min  
Exp R.T.: 5.078 min  
Response: 0  
Conc: N.D.



#22 AR-1248-2

R.T.: 6.060 min  
Delta R.T.: 0.013 min  
Response: 2565281  
Conc: 7.03 ng/ml



#23 AR-1248-3

R.T.: 0.000 min  
Exp R.T.: 5.119 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :

#23 AR-1248-3

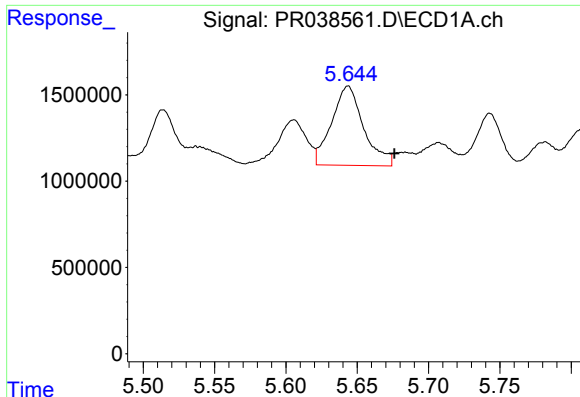
R.T.: 6.214 min  
Delta R.T.: -0.037 min  
Response: 12092208  
Conc: 28.47 ng/ml

#24 AR-1248-4

R.T.: 5.248 min  
Delta R.T.: -0.041 min  
Response: 2171220  
Conc: 14.39 ng/ml

#24 AR-1248-4

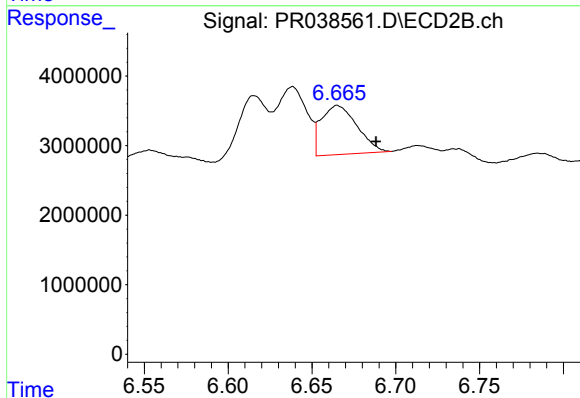
R.T.: 6.639 min  
Delta R.T.: -0.011 min  
Response: 12330199  
Conc: 24.43 ng/ml



#25 AR-1248-5

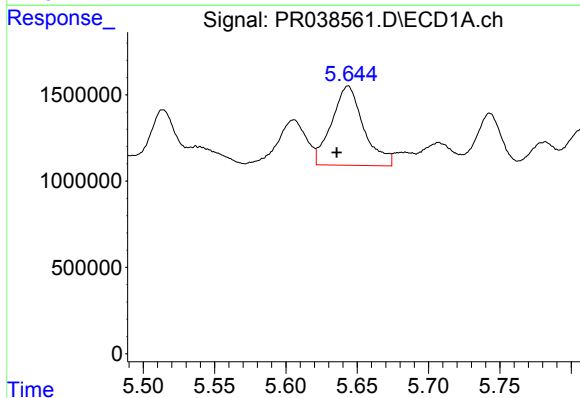
R.T.: 5.644 min  
Delta R.T.: -0.032 min  
Response: 7182189  
Conc: 44.34 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



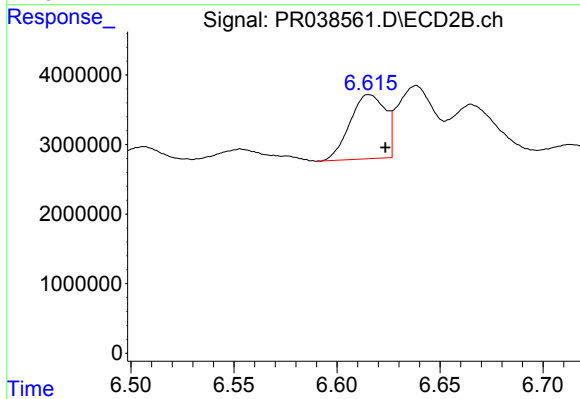
#25 AR-1248-5

R.T.: 6.665 min  
Delta R.T.: -0.023 min  
Response: 10484625  
Conc: 21.95 ng/ml



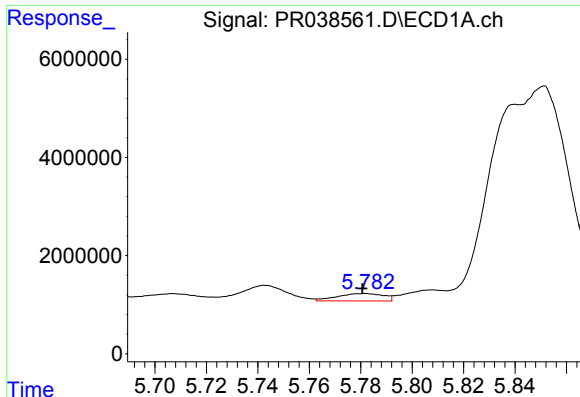
#26 AR-1254-1

R.T.: 5.644 min  
Delta R.T.: 0.008 min  
Response: 7182189  
Conc: 32.50 ng/ml



#26 AR-1254-1

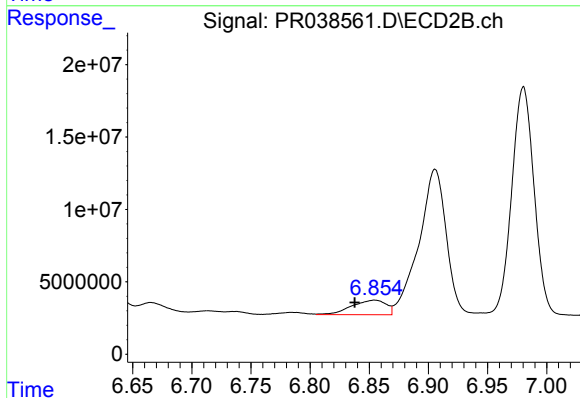
R.T.: 6.615 min  
Delta R.T.: -0.008 min  
Response: 10984501  
Conc: 23.61 ng/ml



#27 AR-1254-2

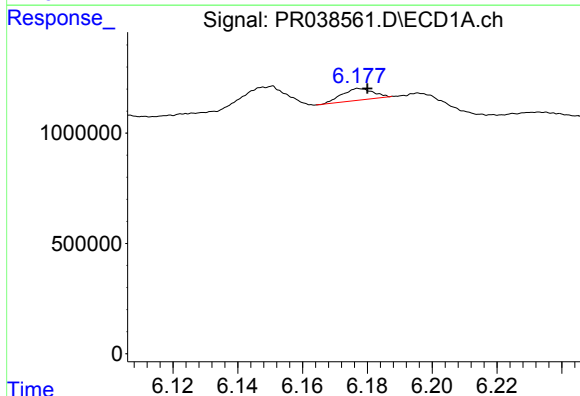
R.T.: 5.782 min  
Delta R.T.: 0.001 min  
Response: 1898128  
Conc: 10.01 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



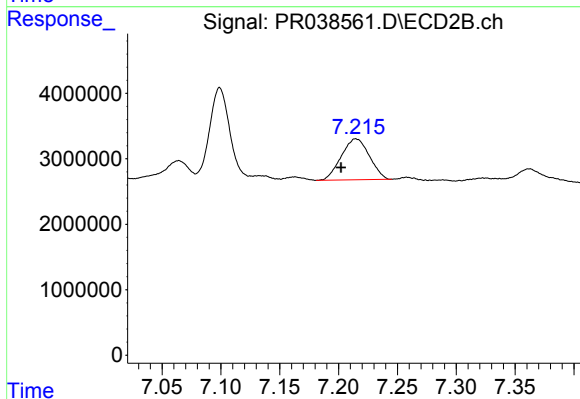
#27 AR-1254-2

R.T.: 6.854 min  
Delta R.T.: 0.017 min  
Response: 20359110  
Conc: 30.68 ng/ml



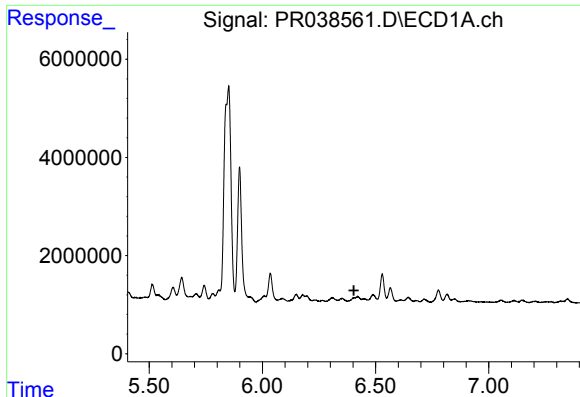
#28 AR-1254-3

R.T.: 6.178 min  
Delta R.T.: -0.002 min  
Response: 350651  
Conc: 1.11 ng/ml



#28 AR-1254-3

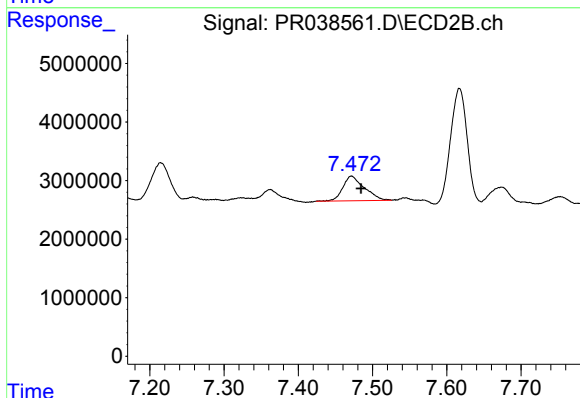
R.T.: 7.215 min  
Delta R.T.: 0.012 min  
Response: 10407757  
Conc: 13.74 ng/ml



#29 AR-1254-4

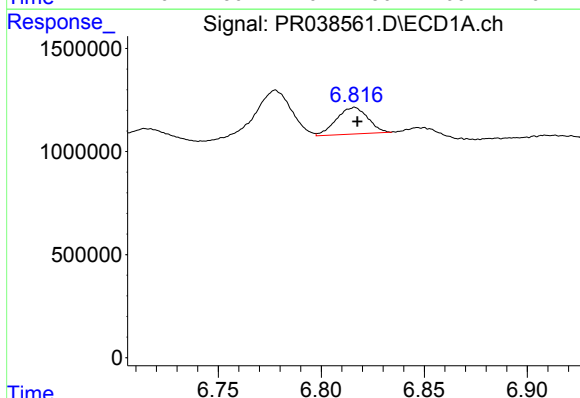
R.T.: 0.000 min  
Exp R.T.: 6.404 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :



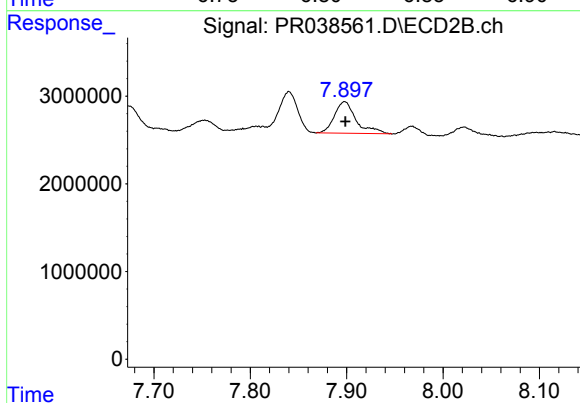
#29 AR-1254-4

R.T.: 7.472 min  
Delta R.T.: -0.013 min  
Response: 8454361  
Conc: 14.67 ng/ml



#30 AR-1254-5

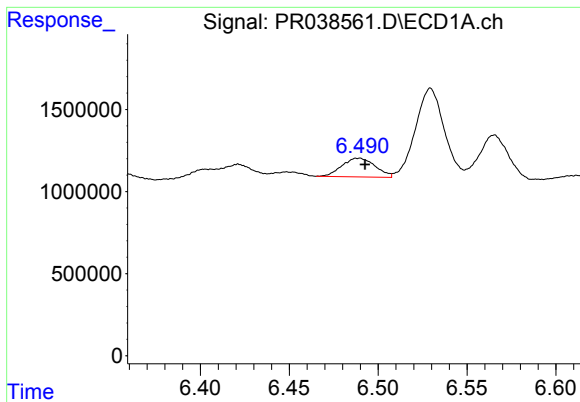
R.T.: 6.816 min  
Delta R.T.: -0.001 min  
Response: 1371728  
Conc: 4.83 ng/ml



#30 AR-1254-5

R.T.: 7.898 min  
Delta R.T.: 0.000 min  
Response: 5660190  
Conc: 9.28 ng/ml

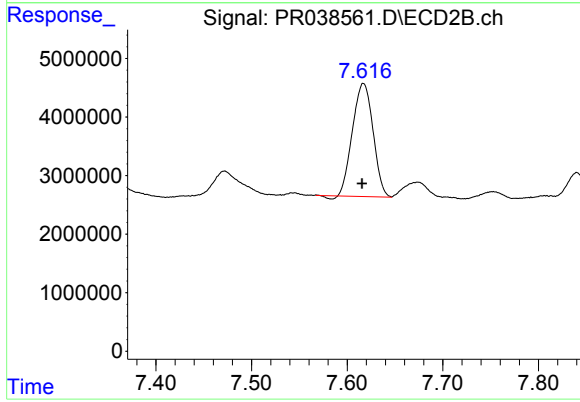




#32 AR-1260-2

R.T.: 6.490 min  
Delta R.T.: -0.003 min  
Response: 1482275  
Conc: 8.69 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



#32 AR-1260-2

R.T.: 7.617 min  
Delta R.T.: 0.002 min  
Response: 28706531  
Conc: 70.83 ng/ml