

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR031419\  
 Data File : PR036189.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 Mar 2019 18:14  
 Operator : SM\SJ  
 Sample : K1882-08  
 Misc :  
 ALS Vial : 74 Sample Multiplier: 1

Instrument :  
 ECD\_R  
 ClientSampleId :

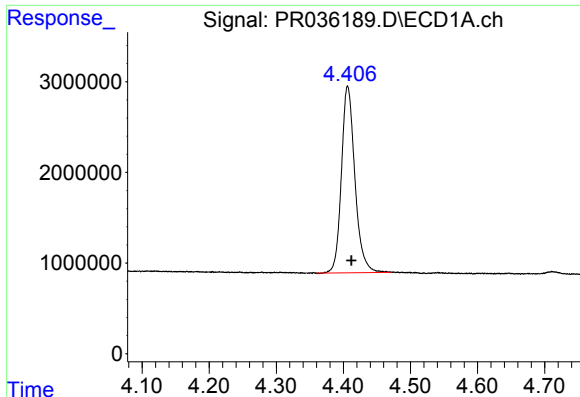
Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 15 00:41:59 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR030119.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Thu Mar 07 10:54:32 2019  
 Response via : Initial Calibration  
 Integrator: 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... | 4.406  | 3.481 | 28729527 | 91094328 | 18.077   | 17.345    |
| 2)                          | SA Decachlor... | 10.064 | 8.350 | 22755952 | 80234538 | 14.229   | 12.224    |
| Target Compounds            |                 |        |       |          |          |          |           |
| 3)                          | L1 AR-1016-1    | 5.569  | 4.534 | 4887306  | 25774281 | 91.345   | 138.522 # |
| 4)                          | L1 AR-1016-2    | 5.599  | 4.582 | 6901342  | 14208163 | 78.970   | 49.001 #  |
| 5)                          | L1 AR-1016-3    | 5.660  | 4.725 | 2686864  | 28664509 | 50.786   | 187.270 # |
| 6)                          | L1 AR-1016-4    | 5.747  | 4.763 | 8565993  | 51352173 | 199.134  | 426.930 # |
| 7)                          | L1 AR-1016-5    | 6.042  | 4.971 | 22647192 | 77693357 | 504.921  | 479.163   |
| 9)                          | L2 AR-1221-2    | 0.000  | 3.773 | 0        | 1875929  | N.D.     | 36.641 #  |
| 10)                         | L2 AR-1221-3    | 0.000  | 3.888 | 0        | 9761749  | N.D.     | 54.765 #  |
| 11)                         | L3 AR-1232-1    | 0.000  | 3.888 | 0        | 9761749  | N.D.     | 99.830 #  |
| 12)                         | L3 AR-1232-2    | 5.302  | 4.582 | 17262076 | 14208163 | 1028.045 | 121.133 # |
| 13)                         | L3 AR-1232-3    | 5.599  | 4.725 | 6901342  | 28664509 | 196.471  | 483.575 # |
| 14)                         | L3 AR-1232-4    | 5.747  | 4.802 | 8565993  | 51045768 | 500.603  | 996.145 # |
| 15)                         | L3 AR-1232-5    | 5.838  | 4.971 | 18085751 | 77693357 | 1294.037 | 1329.962  |
| 16)                         | L4 AR-1242-1    | 5.569  | 4.534 | 4887306  | 25774281 | 111.541  | 173.236 # |
| 17)                         | L4 AR-1242-2    | 5.599  | 4.582 | 6901342  | 14208163 | 100.755  | 60.757 #  |
| 18)                         | L4 AR-1242-3    | 5.660  | 4.725 | 2686864  | 28664509 | 64.288   | 238.586 # |
| 19)                         | L4 AR-1242-4    | 5.747  | 4.802 | 8565993  | 51045768 | 249.341  | 446.196 # |
| 20)                         | L4 AR-1242-5    | 6.481  | 5.314 | 11090822 | 48851010 | 269.852  | 276.799   |
| 21)                         | L5 AR-1248-1    | 5.569  | 4.534 | 4887306  | 25774281 | 139.373  | 214.089 # |
| 22)                         | L5 AR-1248-2    | 5.838  | 4.763 | 18085751 | 51352173 | 344.375  | 311.812   |
| 23)                         | L5 AR-1248-3    | 6.042  | 4.802 | 22647192 | 51045768 | 381.894  | 301.633   |
| 24)                         | L5 AR-1248-4    | 6.442  | 4.971 | 11721906 | 77693357 | 169.339  | 332.298 # |
| 25)                         | L5 AR-1248-5    | 6.481  | 5.354 | 11090822 | 42133802 | 167.379  | 178.084   |
| 26)                         | L6 AR-1254-1    | 6.415  | 5.314 | 7801161  | 48851010 | 124.320  | 164.698 # |
| 27)                         | L6 AR-1254-2    | 6.639  | 5.457 | 9466832  | 8900297  | 103.968  | 34.145 #  |
| 28)                         | L6 AR-1254-3    | 6.998  | 5.853 | 3647075  | 15019416 | 35.027   | 33.866    |
| 29)                         | L6 AR-1254-4    | 0.000  | 6.080 | 0        | 2961651  | N.D.     | 9.450 #   |
| 31)                         | L7 AR-1260-1    | 0.000  | 5.994 | 0        | 8696334  | N.D.     | 23.880 #  |
| 32)                         | L7 AR-1260-2    | 0.000  | 6.158 | 0        | 4065818  | N.D.     | 7.783 #   |
| 45)                         | L9 AR-1268-5    | 0.000  | 8.122 | 0        | 3524309  | N.D.     | 1.324 #   |
| -----                       |                 |        |       |          |          |          |           |

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

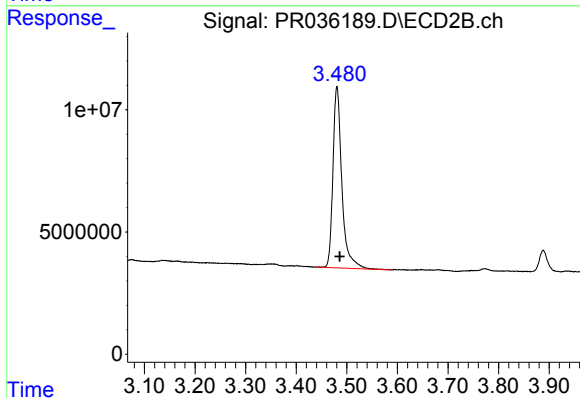




#1 Tetrachloro-m-xylene

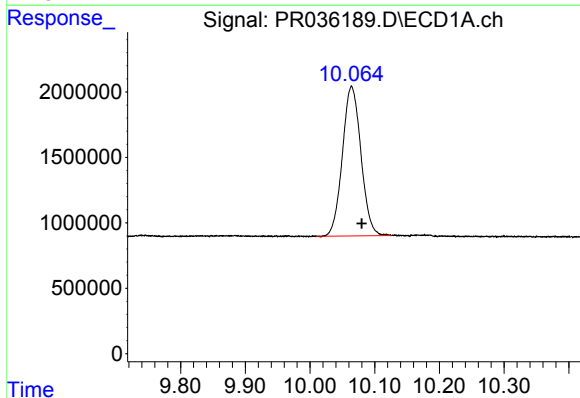
R.T.: 4.406 min  
Delta R.T.: -0.006 min  
Response: 28729527  
Conc: 18.08 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



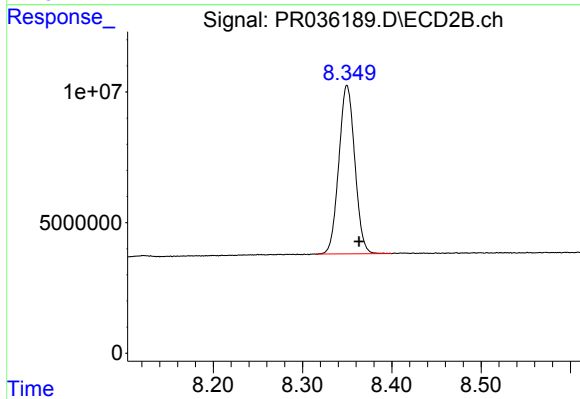
#1 Tetrachloro-m-xylene

R.T.: 3.481 min  
Delta R.T.: -0.005 min  
Response: 91094328  
Conc: 17.34 ng/ml



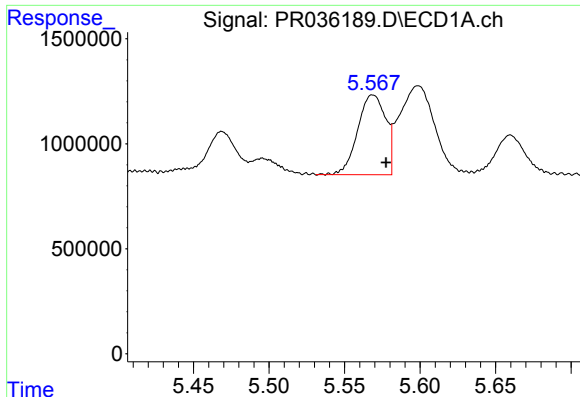
#2 Decachlorobiphenyl

R.T.: 10.064 min  
Delta R.T.: -0.016 min  
Response: 22755952  
Conc: 14.23 ng/ml



#2 Decachlorobiphenyl

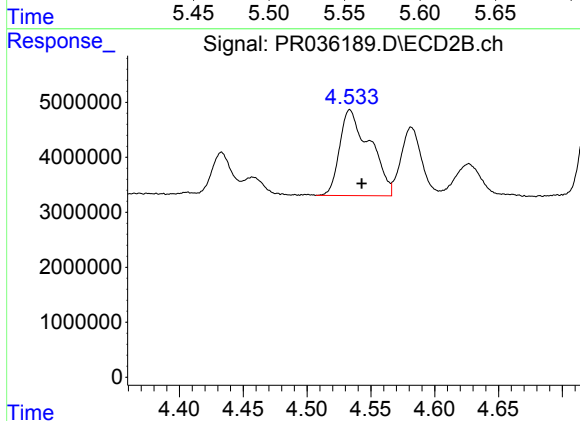
R.T.: 8.350 min  
Delta R.T.: -0.013 min  
Response: 80234538  
Conc: 12.22 ng/ml



#3 AR-1016-1

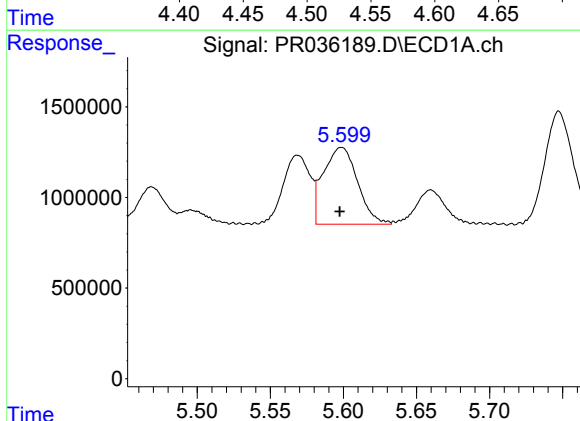
R.T.: 5.569 min  
Delta R.T.: -0.009 min  
Response: 4887306  
Conc: 91.35 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



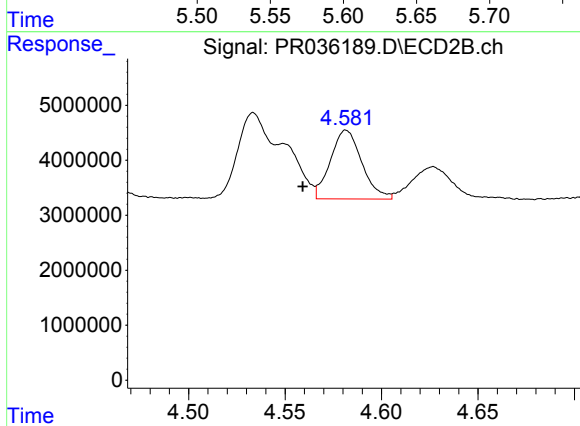
#3 AR-1016-1

R.T.: 4.534 min  
Delta R.T.: -0.009 min  
Response: 25774281  
Conc: 138.52 ng/ml



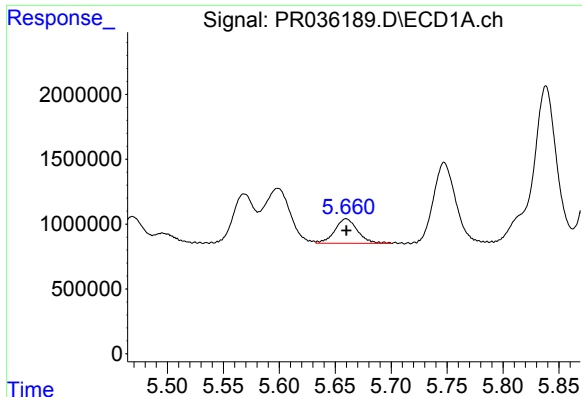
#4 AR-1016-2

R.T.: 5.599 min  
Delta R.T.: 0.001 min  
Response: 6901342  
Conc: 78.97 ng/ml



#4 AR-1016-2

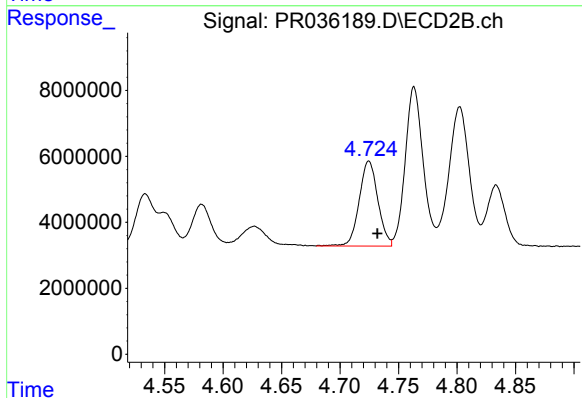
R.T.: 4.582 min  
Delta R.T.: 0.022 min  
Response: 14208163  
Conc: 49.00 ng/ml



#5 AR-1016-3

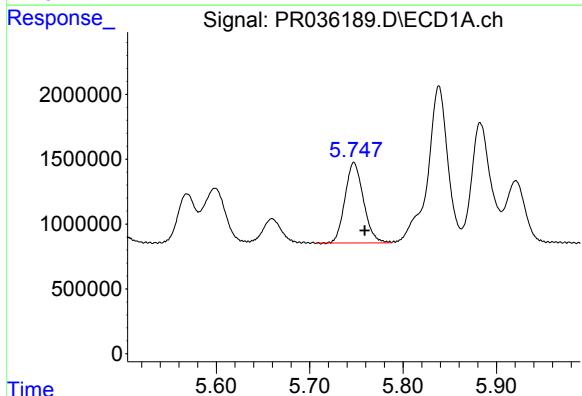
R.T.: 5.660 min  
Delta R.T.: 0.000 min  
Response: 2686864  
Conc: 50.79 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



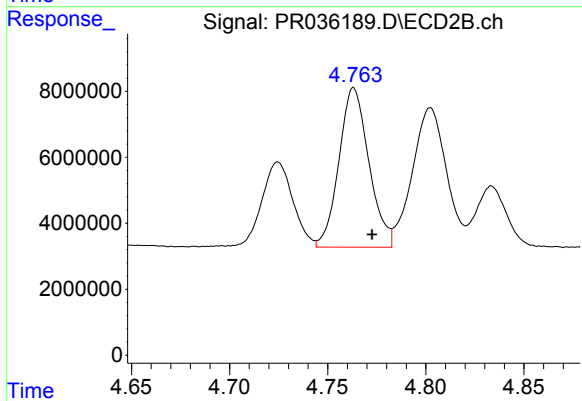
#5 AR-1016-3

R.T.: 4.725 min  
Delta R.T.: -0.007 min  
Response: 28664509  
Conc: 187.27 ng/ml



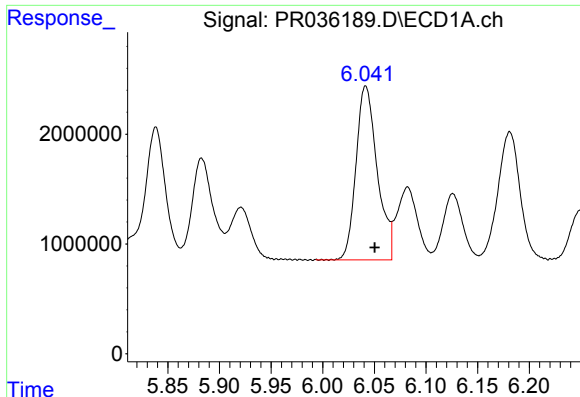
#6 AR-1016-4

R.T.: 5.747 min  
Delta R.T.: -0.012 min  
Response: 8565993  
Conc: 199.13 ng/ml



#6 AR-1016-4

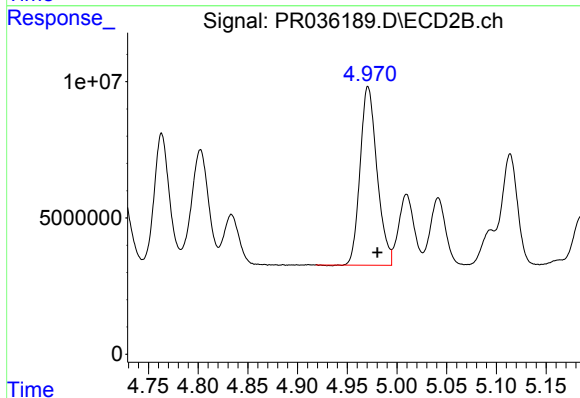
R.T.: 4.763 min  
Delta R.T.: -0.009 min  
Response: 51352173  
Conc: 426.93 ng/ml



#7 AR-1016-5

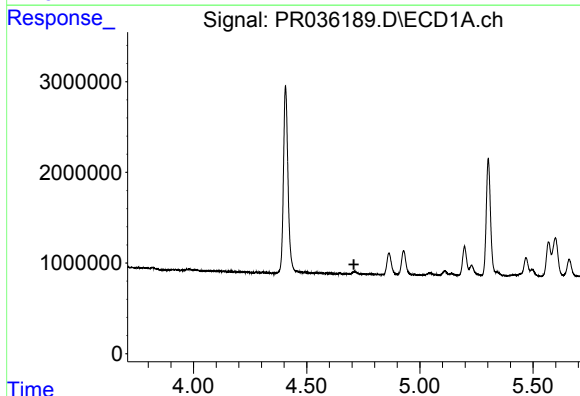
R.T.: 6.042 min  
Delta R.T.: -0.009 min  
Response: 22647192  
Conc: 504.92 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



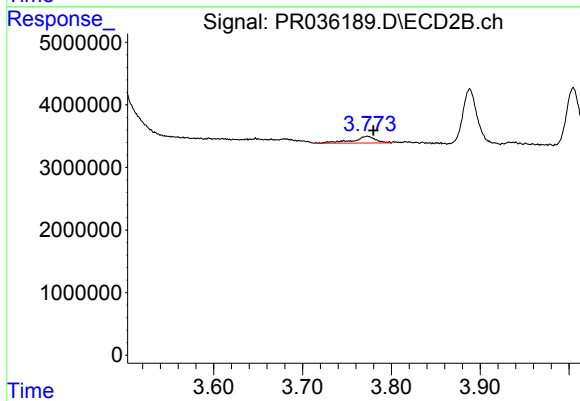
#7 AR-1016-5

R.T.: 4.971 min  
Delta R.T.: -0.009 min  
Response: 77693357  
Conc: 479.16 ng/ml



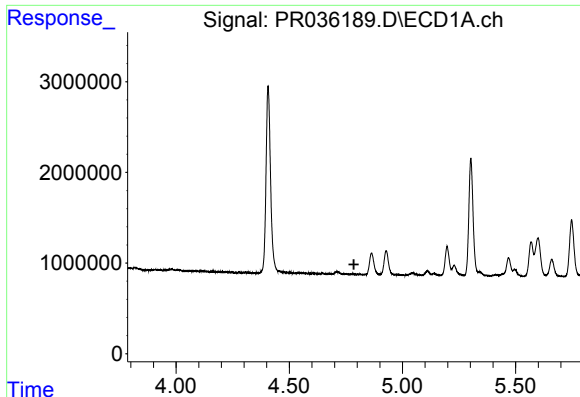
#9 AR-1221-2

R.T.: 0.000 min  
Exp R.T. : 4.709 min  
Response: 0  
Conc: N.D.



#9 AR-1221-2

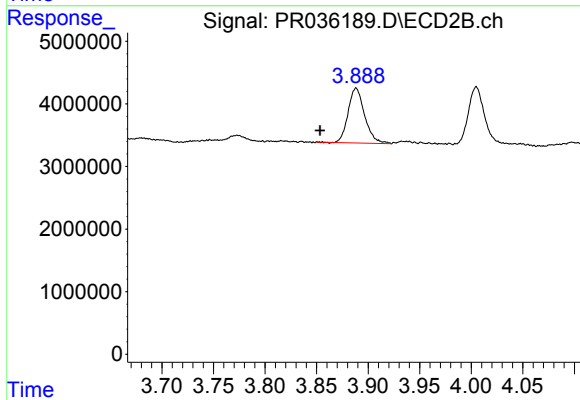
R.T.: 3.773 min  
Delta R.T.: -0.006 min  
Response: 1875929  
Conc: 36.64 ng/ml



#10 AR-1221-3

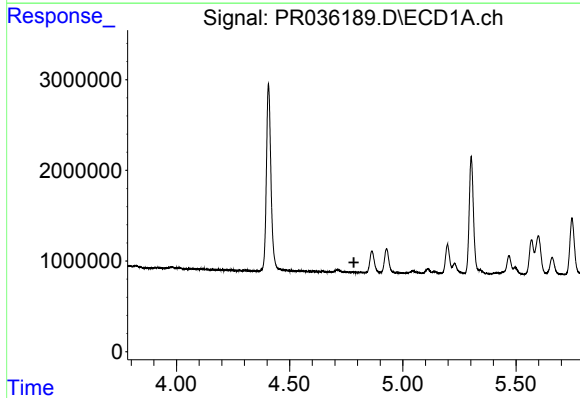
R.T.: 0.000 min  
Exp R.T.: 4.786 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :



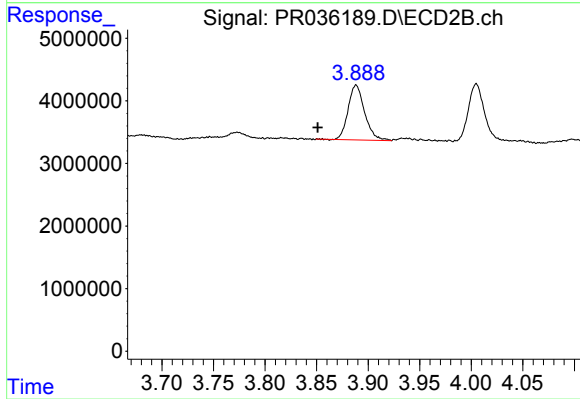
#10 AR-1221-3

R.T.: 3.888 min  
Delta R.T.: 0.035 min  
Response: 9761749  
Conc: 54.76 ng/ml



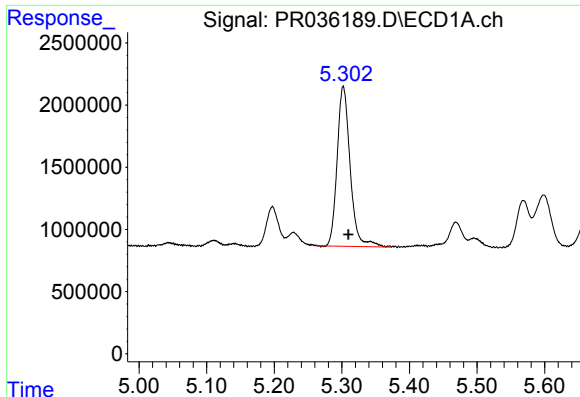
#11 AR-1232-1

R.T.: 0.000 min  
Exp R.T.: 4.784 min  
Response: 0  
Conc: N.D.



#11 AR-1232-1

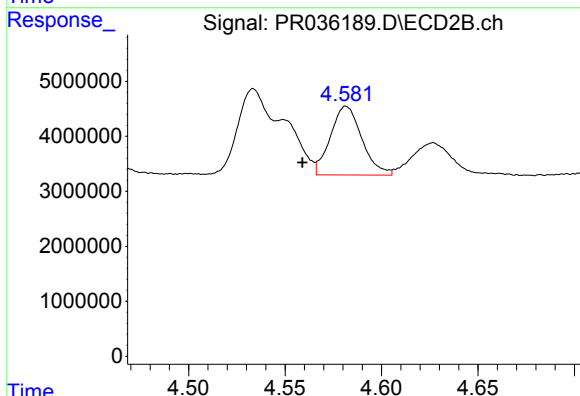
R.T.: 3.888 min  
Delta R.T.: 0.037 min  
Response: 9761749  
Conc: 99.83 ng/ml



#12 AR-1232-2

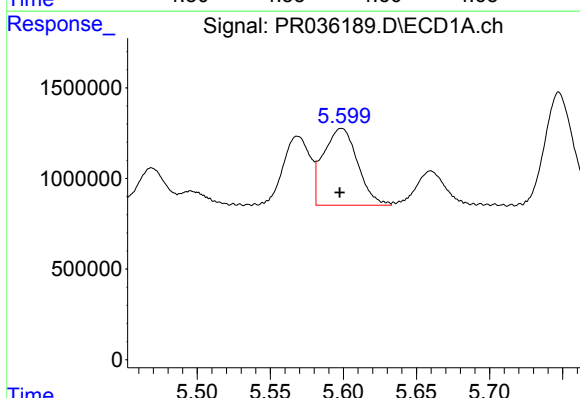
R.T.: 5.302 min  
Delta R.T.: -0.007 min  
Response: 17262076  
Conc: 1028.04 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



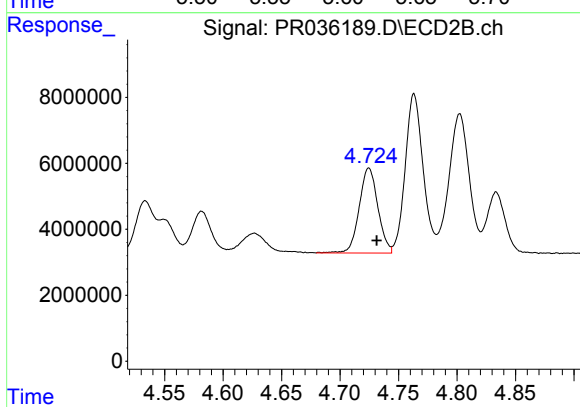
#12 AR-1232-2

R.T.: 4.582 min  
Delta R.T.: 0.023 min  
Response: 14208163  
Conc: 121.13 ng/ml



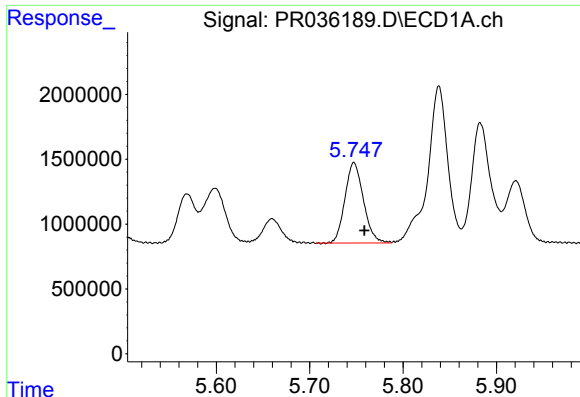
#13 AR-1232-3

R.T.: 5.599 min  
Delta R.T.: 0.001 min  
Response: 6901342  
Conc: 196.47 ng/ml



#13 AR-1232-3

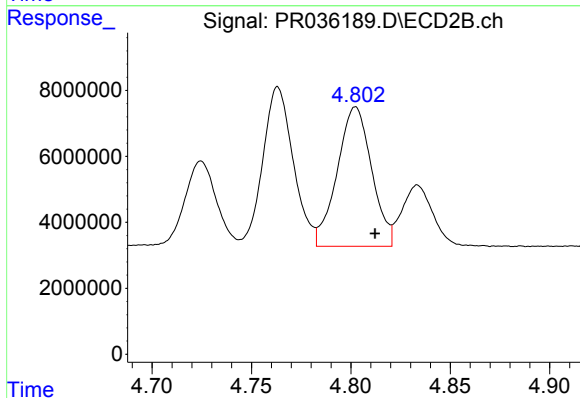
R.T.: 4.725 min  
Delta R.T.: -0.007 min  
Response: 28664509  
Conc: 483.57 ng/ml



#14 AR-1232-4

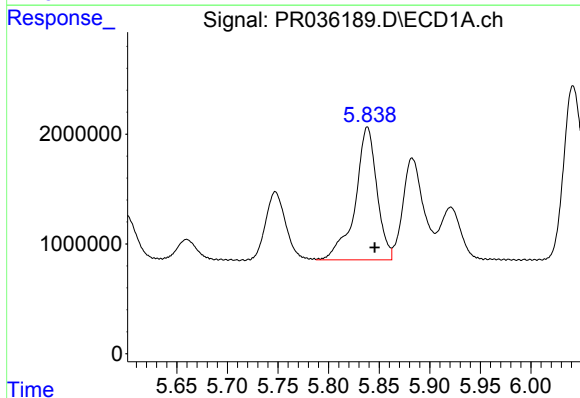
R.T.: 5.747 min  
Delta R.T.: -0.011 min  
Response: 8565993  
Conc: 500.60 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



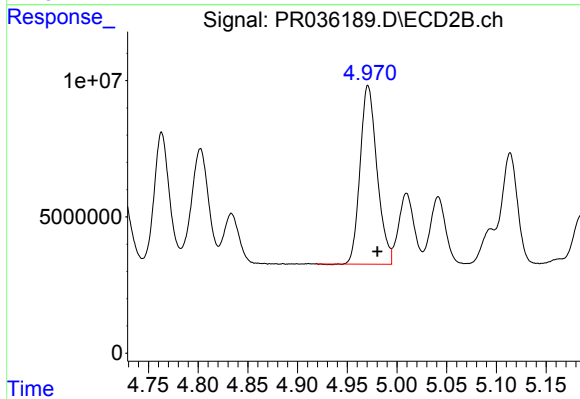
#14 AR-1232-4

R.T.: 4.802 min  
Delta R.T.: -0.010 min  
Response: 51045768  
Conc: 996.15 ng/ml



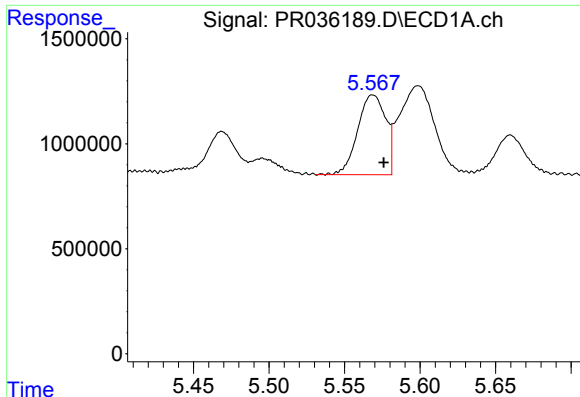
#15 AR-1232-5

R.T.: 5.838 min  
Delta R.T.: -0.007 min  
Response: 18085751  
Conc: 1294.04 ng/ml



#15 AR-1232-5

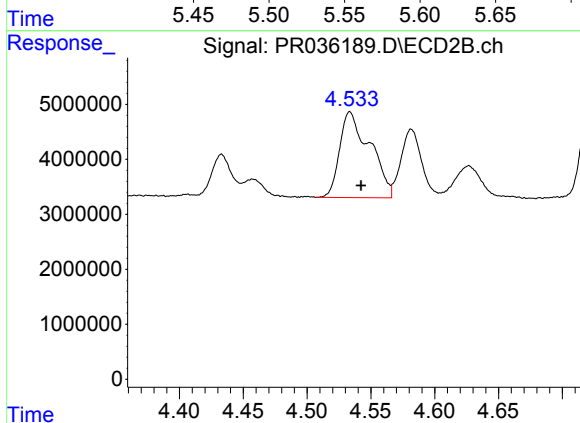
R.T.: 4.971 min  
Delta R.T.: -0.009 min  
Response: 77693357  
Conc: 1329.96 ng/ml



#16 AR-1242-1

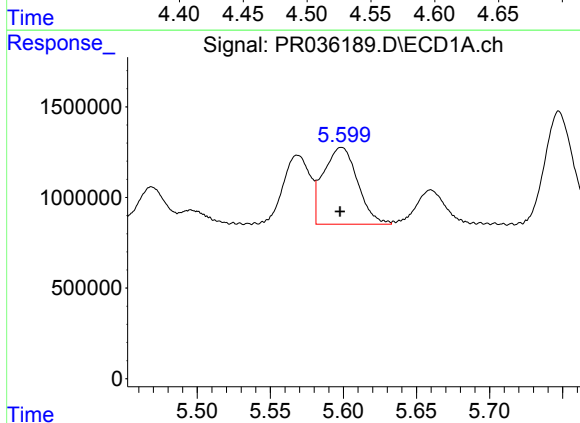
R.T.: 5.569 min  
Delta R.T.: -0.007 min  
Response: 4887306  
Conc: 111.54 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



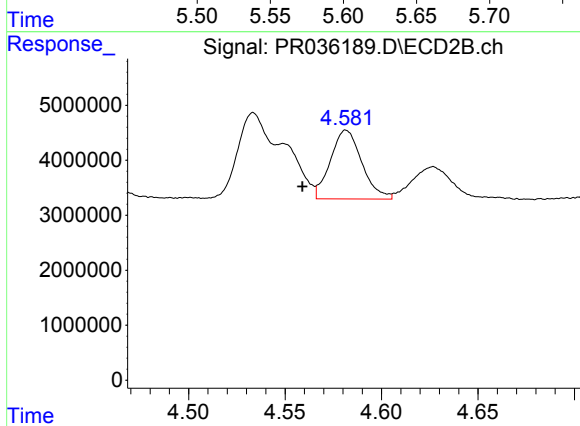
#16 AR-1242-1

R.T.: 4.534 min  
Delta R.T.: -0.009 min  
Response: 25774281  
Conc: 173.24 ng/ml



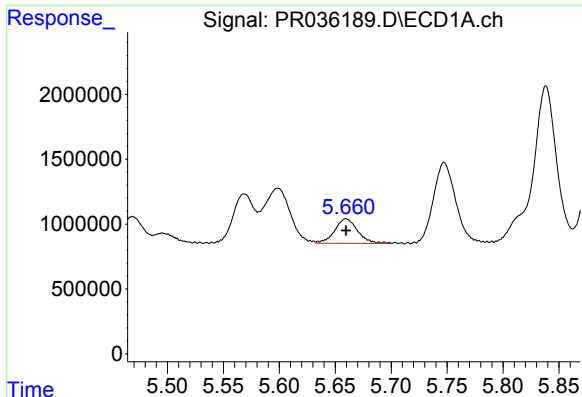
#17 AR-1242-2

R.T.: 5.599 min  
Delta R.T.: 0.000 min  
Response: 6901342  
Conc: 100.76 ng/ml



#17 AR-1242-2

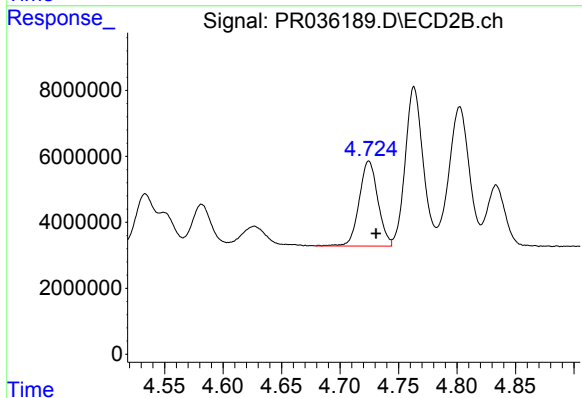
R.T.: 4.582 min  
Delta R.T.: 0.023 min  
Response: 14208163  
Conc: 60.76 ng/ml



#18 AR-1242-3

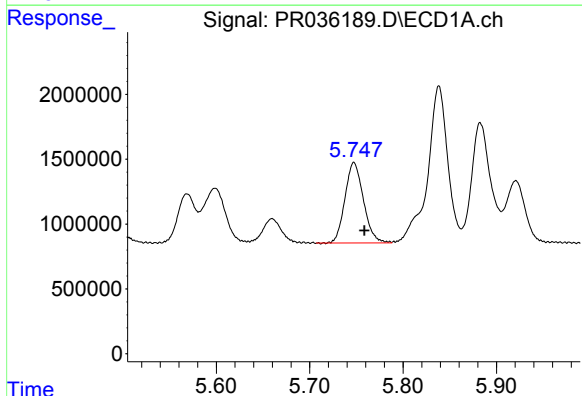
R.T.: 5.660 min  
Delta R.T.: 0.000 min  
Response: 2686864  
Conc: 64.29 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



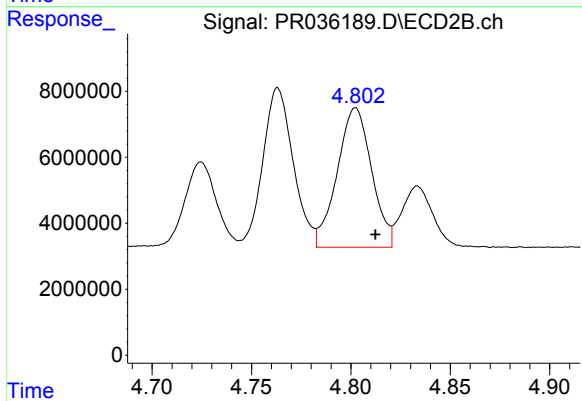
#18 AR-1242-3

R.T.: 4.725 min  
Delta R.T.: -0.006 min  
Response: 28664509  
Conc: 238.59 ng/ml



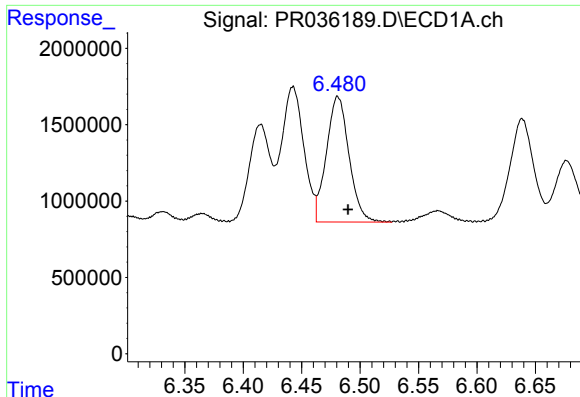
#19 AR-1242-4

R.T.: 5.747 min  
Delta R.T.: -0.011 min  
Response: 8565993  
Conc: 249.34 ng/ml



#19 AR-1242-4

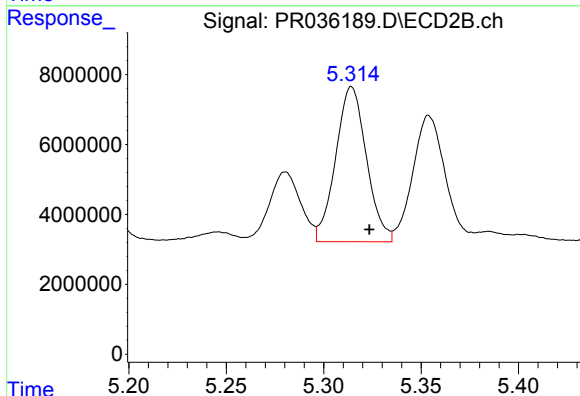
R.T.: 4.802 min  
Delta R.T.: -0.010 min  
Response: 51045768  
Conc: 446.20 ng/ml



#20 AR-1242-5

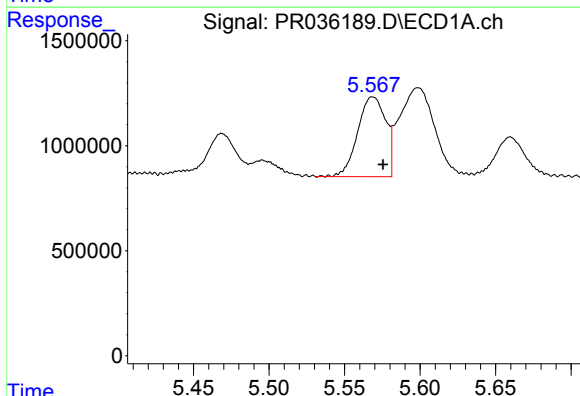
R.T.: 6.481 min  
Delta R.T.: -0.009 min  
Response: 11090822  
Conc: 269.85 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



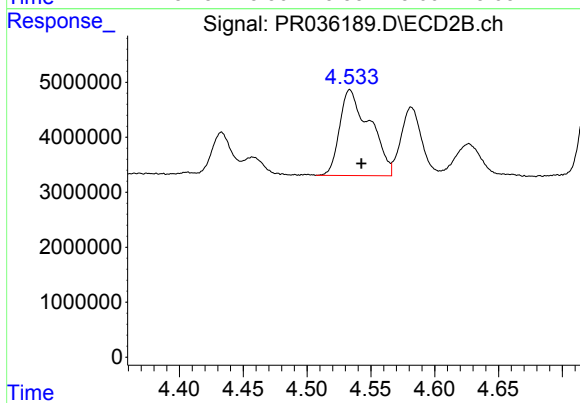
#20 AR-1242-5

R.T.: 5.314 min  
Delta R.T.: -0.009 min  
Response: 48851010  
Conc: 276.80 ng/ml



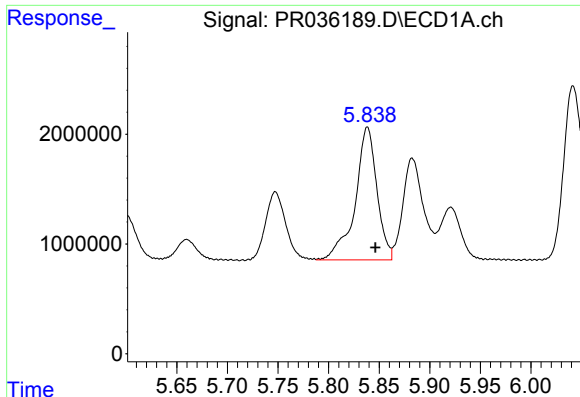
#21 AR-1248-1

R.T.: 5.569 min  
Delta R.T.: -0.007 min  
Response: 4887306  
Conc: 139.37 ng/ml



#21 AR-1248-1

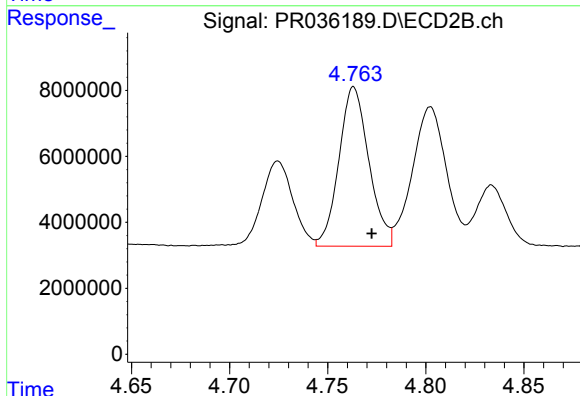
R.T.: 4.534 min  
Delta R.T.: -0.009 min  
Response: 25774281  
Conc: 214.09 ng/ml



#22 AR-1248-2

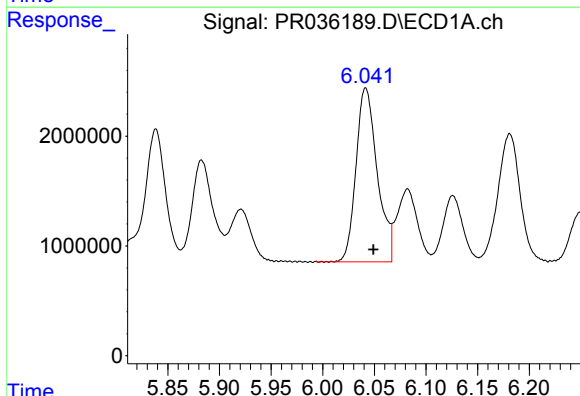
R.T.: 5.838 min  
Delta R.T.: -0.008 min  
Response: 18085751  
Conc: 344.37 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



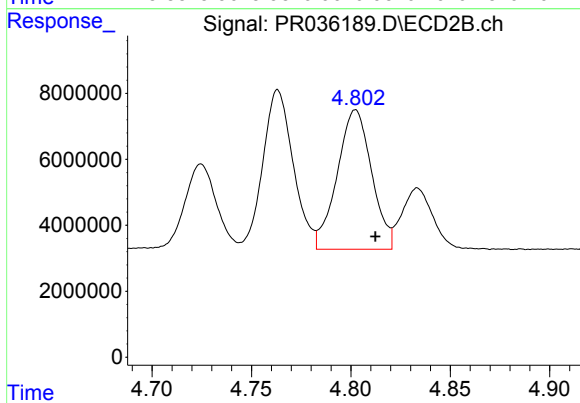
#22 AR-1248-2

R.T.: 4.763 min  
Delta R.T.: -0.009 min  
Response: 51352173  
Conc: 311.81 ng/ml



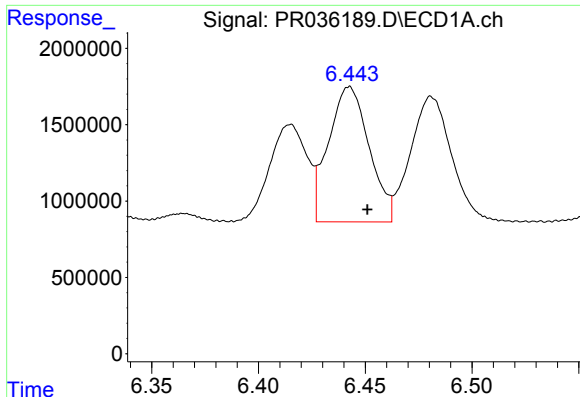
#23 AR-1248-3

R.T.: 6.042 min  
Delta R.T.: -0.007 min  
Response: 22647192  
Conc: 381.89 ng/ml



#23 AR-1248-3

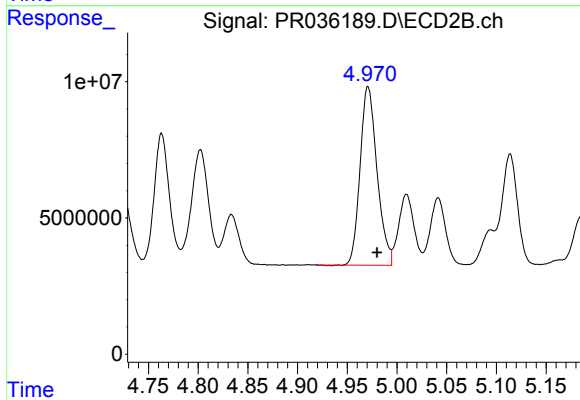
R.T.: 4.802 min  
Delta R.T.: -0.010 min  
Response: 51045768  
Conc: 301.63 ng/ml



#24 AR-1248-4

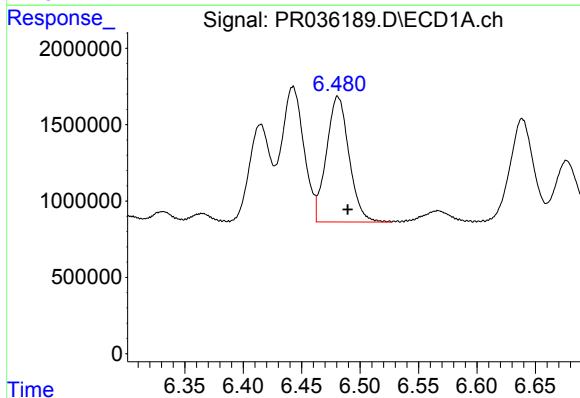
R.T.: 6.442 min  
Delta R.T.: -0.008 min  
Response: 11721906  
Conc: 169.34 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



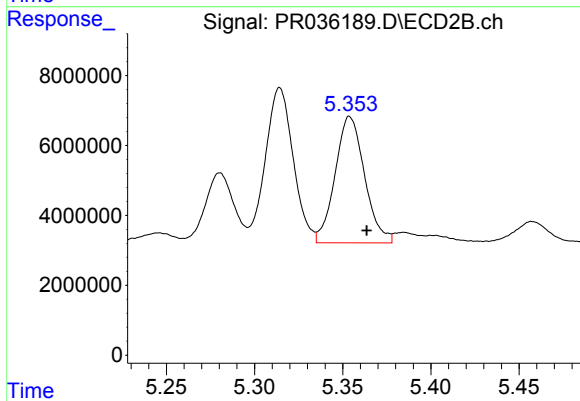
#24 AR-1248-4

R.T.: 4.971 min  
Delta R.T.: -0.009 min  
Response: 77693357  
Conc: 332.30 ng/ml



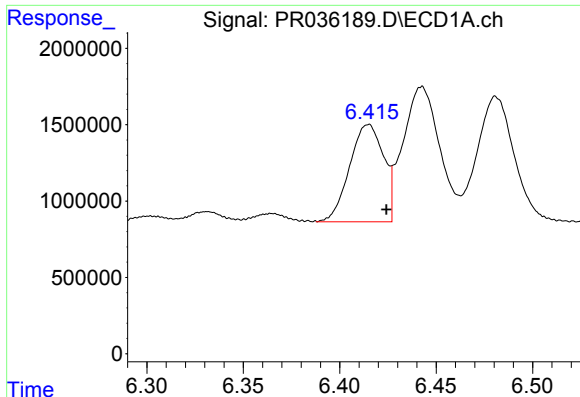
#25 AR-1248-5

R.T.: 6.481 min  
Delta R.T.: -0.008 min  
Response: 11090822  
Conc: 167.38 ng/ml



#25 AR-1248-5

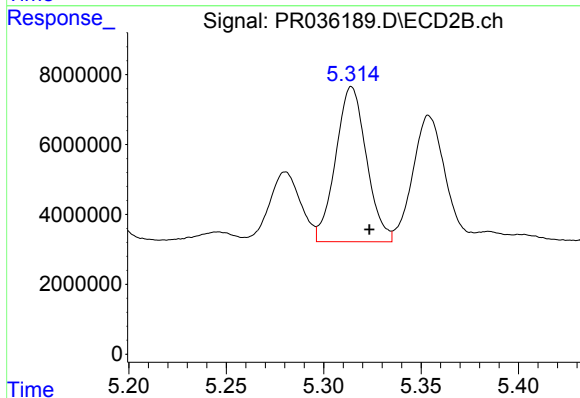
R.T.: 5.354 min  
Delta R.T.: -0.010 min  
Response: 42133802  
Conc: 178.08 ng/ml



#26 AR-1254-1

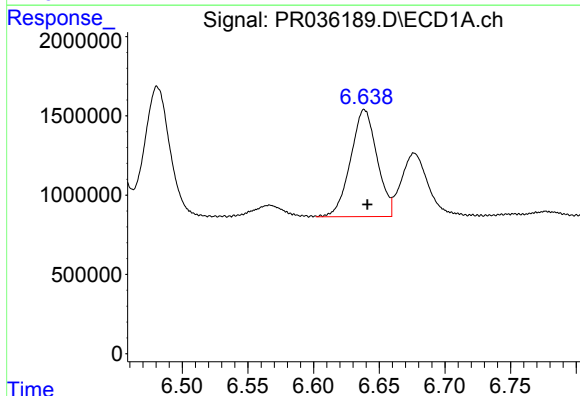
R.T.: 6.415 min  
Delta R.T.: -0.009 min  
Response: 7801161  
Conc: 124.32 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



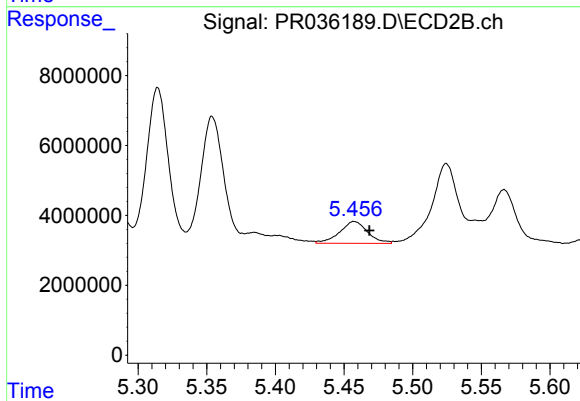
#26 AR-1254-1

R.T.: 5.314 min  
Delta R.T.: -0.009 min  
Response: 48851010  
Conc: 164.70 ng/ml



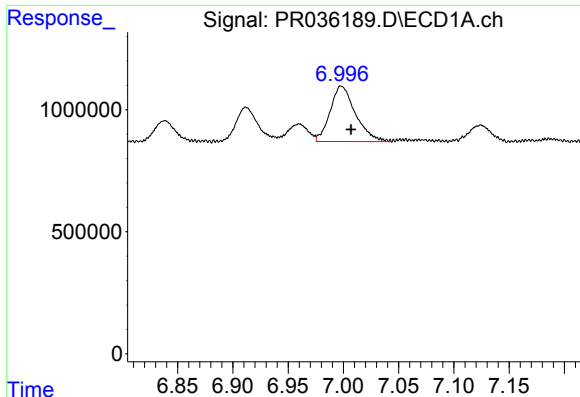
#27 AR-1254-2

R.T.: 6.639 min  
Delta R.T.: -0.002 min  
Response: 9466832  
Conc: 103.97 ng/ml



#27 AR-1254-2

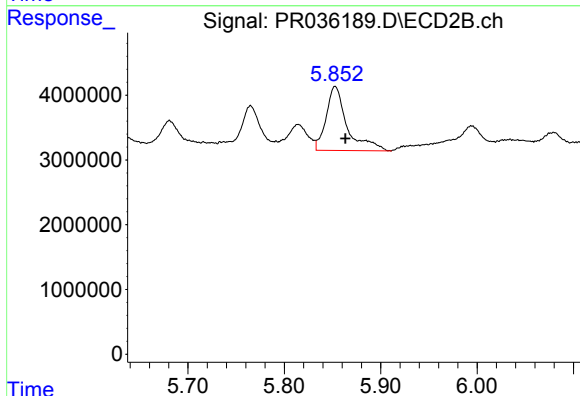
R.T.: 5.457 min  
Delta R.T.: -0.011 min  
Response: 8900297  
Conc: 34.15 ng/ml



#28 AR-1254-3

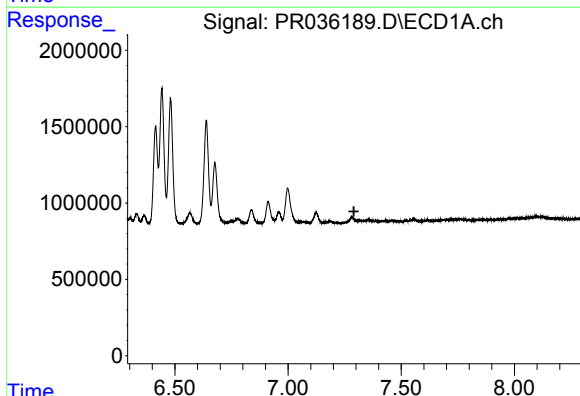
R.T.: 6.998 min  
Delta R.T.: -0.009 min  
Response: 3647075  
Conc: 35.03 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



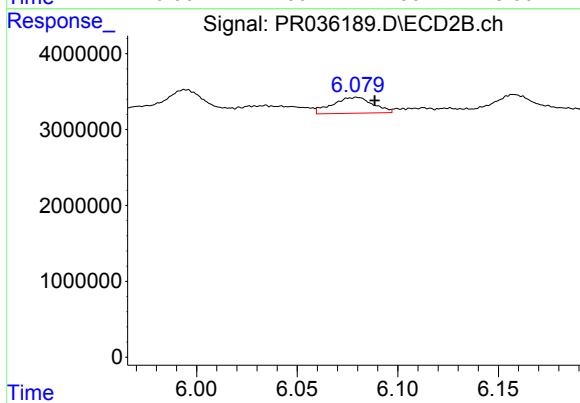
#28 AR-1254-3

R.T.: 5.853 min  
Delta R.T.: -0.011 min  
Response: 15019416  
Conc: 33.87 ng/ml



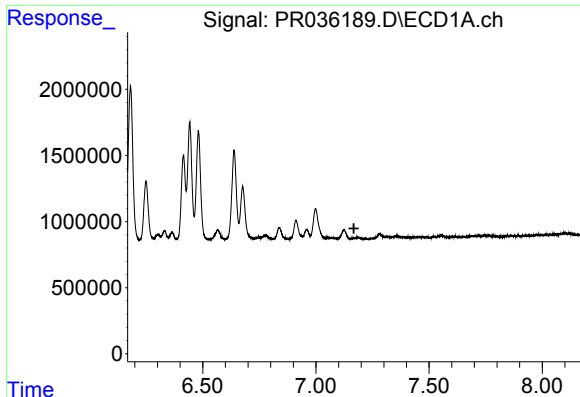
#29 AR-1254-4

R.T.: 0.000 min  
Exp R.T. : 7.291 min  
Response: 0  
Conc: N.D.



#29 AR-1254-4

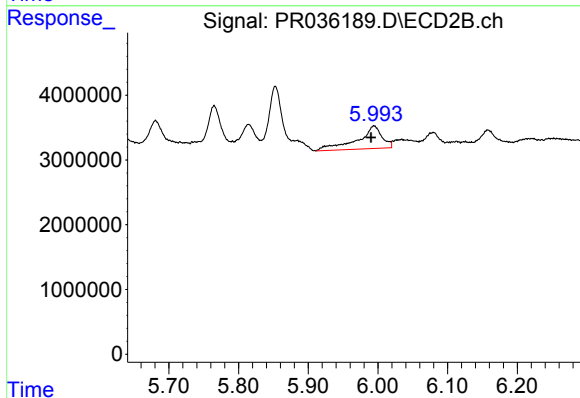
R.T.: 6.080 min  
Delta R.T.: -0.009 min  
Response: 2961651  
Conc: 9.45 ng/ml



#31 AR-1260-1

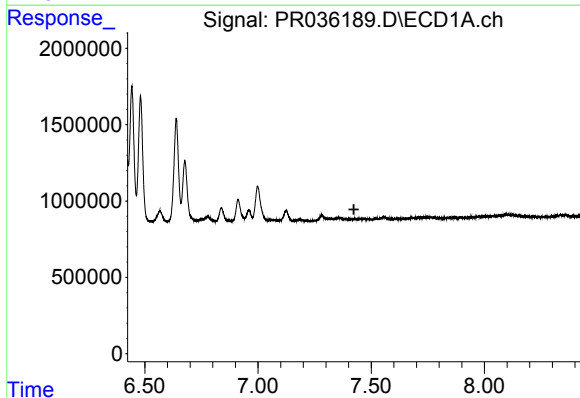
R.T.: 0.000 min  
Exp R.T.: 7.168 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :



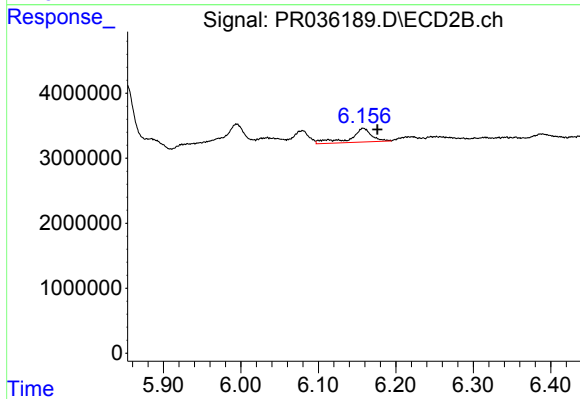
#31 AR-1260-1

R.T.: 5.994 min  
Delta R.T.: 0.004 min  
Response: 8696334  
Conc: 23.88 ng/ml



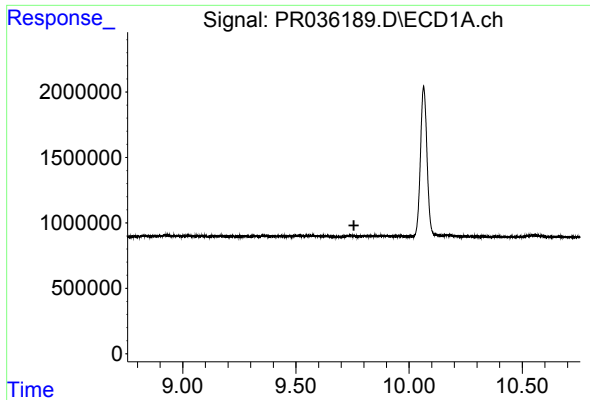
#32 AR-1260-2

R.T.: 0.000 min  
Exp R.T.: 7.424 min  
Response: 0  
Conc: N.D.



#32 AR-1260-2

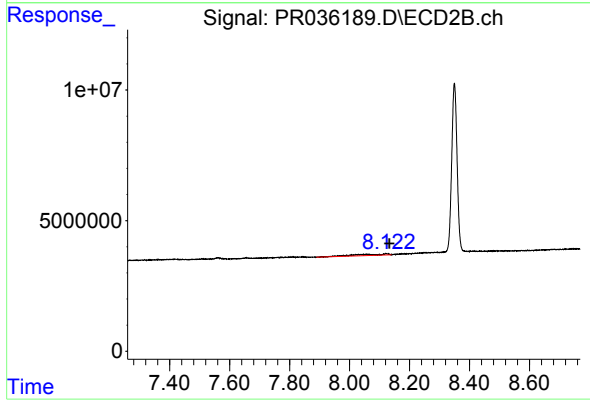
R.T.: 6.158 min  
Delta R.T.: -0.018 min  
Response: 4065818  
Conc: 7.78 ng/ml



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T.: 9.756 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :



#45 AR-1268-5

R.T.: 8.122 min  
Delta R.T.: -0.011 min  
Response: 3524309  
Conc: 1.32 ng/ml