

Data Path : P:\HPCHEM1\ECD\_O\Data\PO022418\  
 Data File : PO042606.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 23 Feb 2018 15:10  
 Operator : SM/UA  
 Sample : J1548-01  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 23 15:27:49 2018  
 Quant Method : P:\HPCHEM1\ECD\_O\methods\PO022118.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Thu Feb 22 07:18:56 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

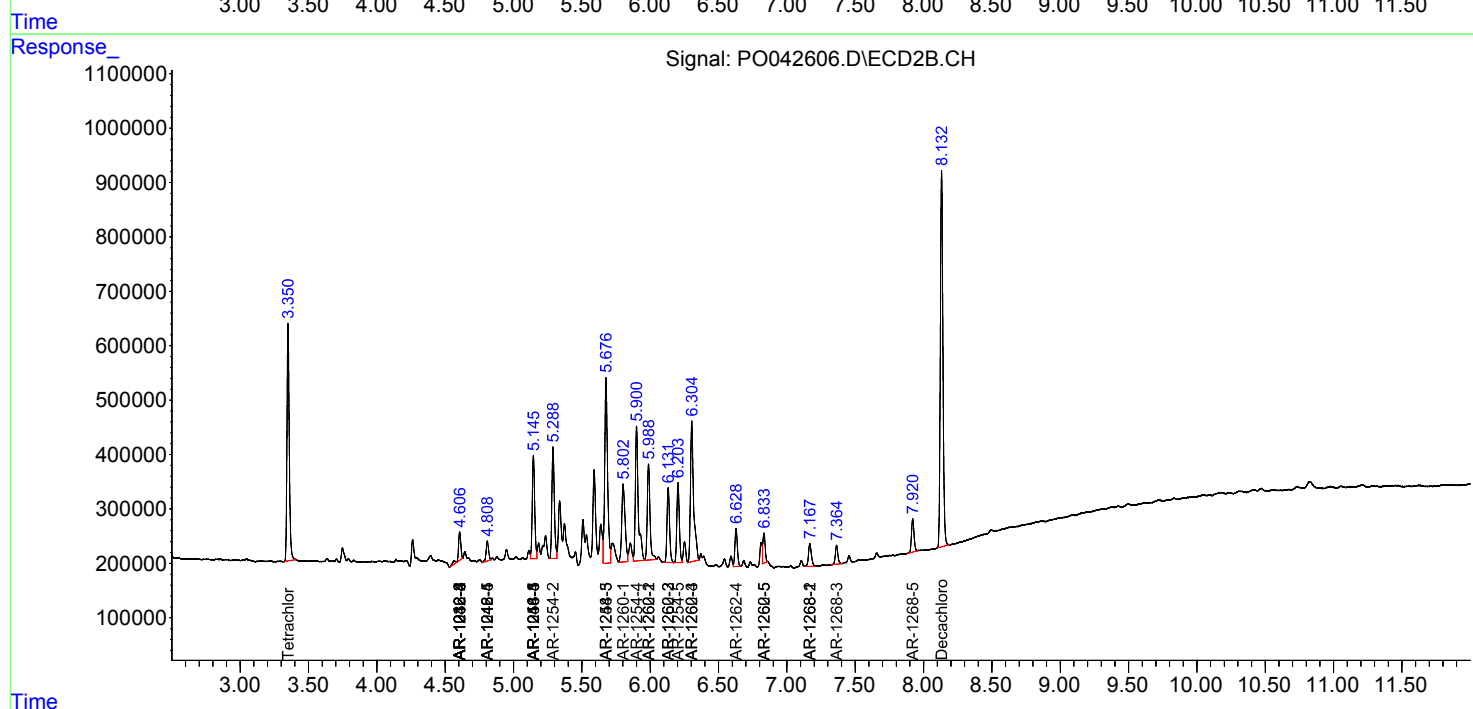
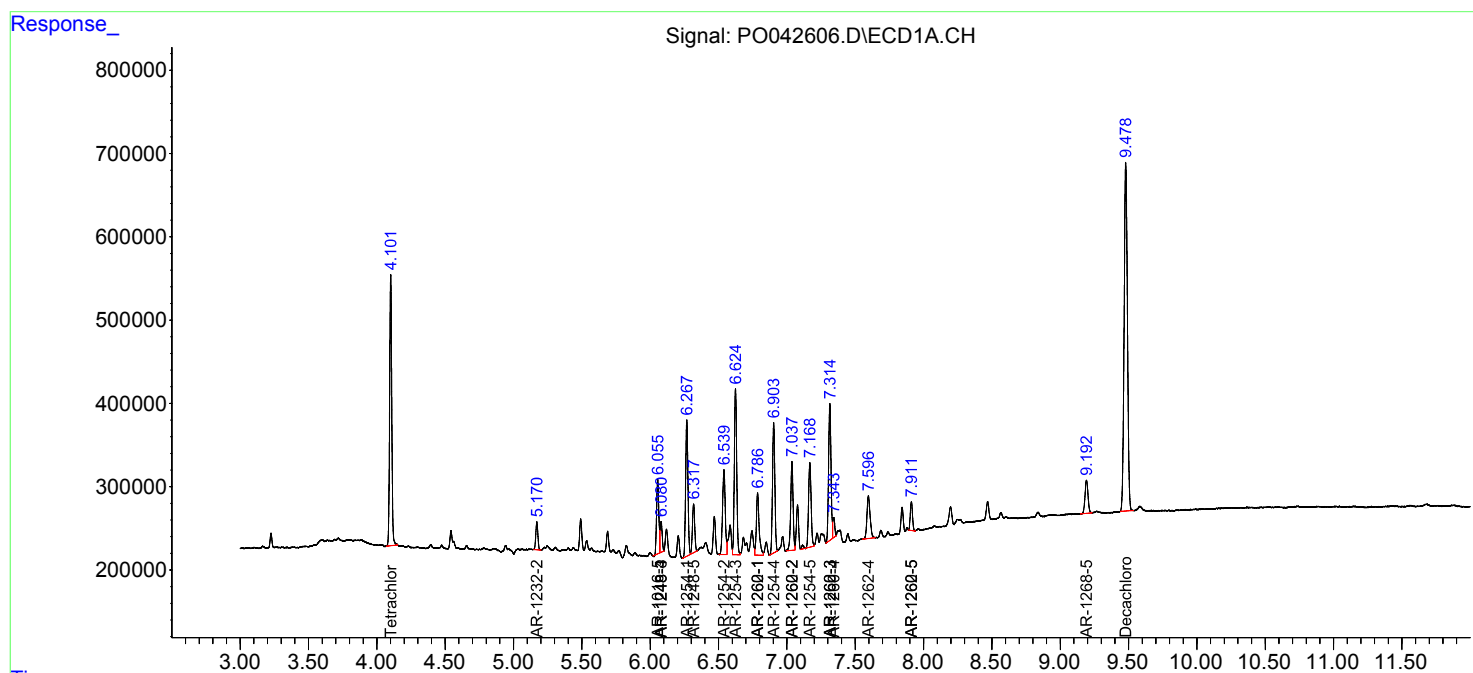
|                             | Compound        | RT#1  | RT#2  | Resp#1  | Resp#2  | ng/ml   | ng/ml     |
|-----------------------------|-----------------|-------|-------|---------|---------|---------|-----------|
| -----                       |                 |       |       |         |         |         |           |
| System Monitoring Compounds |                 |       |       |         |         |         |           |
| 1)                          | SA Tetrachlo... | 4.101 | 3.350 | 3485108 | 5066629 | 14.069  | 13.711    |
| 2)                          | SA Decachlor... | 9.479 | 8.132 | 7031929 | 9071782 | 27.824  | 23.525    |
|                             |                 |       |       |         |         |         |           |
| Target Compounds            |                 |       |       |         |         |         |           |
| 4)                          | L1 AR-1016-2    | 0.000 | 4.606 | 0       | 659355  | N.D.    | 80.468 #  |
| 5)                          | L1 AR-1016-3    | 0.000 | 4.606 | 0       | 659355  | N.D.    | 63.464 #  |
| 6)                          | L1 AR-1016-4    | 0.000 | 4.808 | 0       | 451267  | N.D.    | 40.636 #  |
| 7)                          | L1 AR-1016-5    | 6.055 | 5.146 | 1007434 | 2329406 | 139.944 | 220.371 # |
| 12)                         | L3 AR-1232-2    | 5.171 | 0.000 | 352761  | 0       | 109.520 | N.D. #    |
| 14)                         | L3 AR-1232-4    | 0.000 | 4.606 | 0       | 659355  | N.D.    | 170.117 # |
| 15)                         | L3 AR-1232-5    | 0.000 | 4.606 | 0       | 659355  | N.D.    | 243.071 # |
| 18)                         | L4 AR-1242-3    | 0.000 | 4.606 | 0       | 659355  | N.D.    | 103.832 # |
| 19)                         | L4 AR-1242-4    | 0.000 | 4.606 | 0       | 659355  | N.D.    | 109.908 # |
| 20)                         | L4 AR-1242-5    | 0.000 | 4.808 | 0       | 451267  | N.D.    | 70.403 #  |
| 21)                         | L5 AR-1248-1    | 0.000 | 4.808 | 0       | 451267  | N.D.    | 35.631 #  |
| 23)                         | L5 AR-1248-3    | 6.080 | 5.146 | 378390  | 2329406 | 38.712  | 133.450 # |
| 24)                         | L5 AR-1248-4    | 6.080 | 5.146 | 378390  | 2329406 | 40.392  | 196.709 # |
| 25)                         | L5 AR-1248-5    | 6.318 | 5.676 | 676789  | 4974315 | 107.758 | 579.100 # |
| 26)                         | L6 AR-1254-1    | 6.268 | 5.146 | 1932486 | 2329406 | 127.891 | 109.064   |
| 27)                         | L6 AR-1254-2    | 6.540 | 5.289 | 1397147 | 2581584 | 152.656 | 137.083   |
| 28)                         | L6 AR-1254-3    | 6.624 | 5.676 | 2408449 | 4974315 | 147.000 | 158.936   |
| 29)                         | L6 AR-1254-4    | 6.904 | 5.900 | 1876510 | 3737883 | 136.760 | 147.367   |
| 30)                         | L6 AR-1254-5    | 7.168 | 6.204 | 1366136 | 1865226 | 138.169 | 126.276   |
| 31)                         | L7 AR-1260-1    | 6.786 | 5.802 | 1045399 | 2417048 | 75.987  | 100.117 # |
| 32)                         | L7 AR-1260-2    | 7.037 | 5.988 | 1291766 | 2451512 | 70.620  | 72.979    |
| 33)                         | L7 AR-1260-3    | 7.314 | 6.132 | 2018995 | 1775719 | 97.167  | 62.379 #  |
| 34)                         | L7 AR-1260-4    | 7.343 | 6.304 | 229968  | 4112570 | 15.537  | 120.295 # |
| 35)                         | L7 AR-1260-5    | 7.911 | 6.833 | 386456  | 657173  | 11.432  | 9.711     |
| 36)                         | L8 AR-1262-1    | 6.786 | 5.988 | 1045399 | 2451512 | 110.352 | 108.433   |
| 37)                         | L8 AR-1262-2    | 7.037 | 6.132 | 1291766 | 1775719 | 104.923 | 86.667    |
| 38)                         | L8 AR-1262-3    | 7.314 | 6.304 | 2018995 | 4112570 | 176.873 | 109.578 # |
| 39)                         | L8 AR-1262-4    | 7.596 | 6.628 | 816045  | 877259  | 51.869  | 30.531 #  |
| 40)                         | L8 AR-1262-5    | 7.911 | 6.833 | 386456  | 657173  | 11.285  | 9.697     |
| 41)                         | L9 AR-1268-1    | 0.000 | 7.168 | 0       | 619890  | N.D.    | 7.322 #   |
| 42)                         | L9 AR-1268-2    | 0.000 | 7.168 | 0       | 619890  | N.D.    | 8.236 #   |
| 43)                         | L9 AR-1268-3    | 0.000 | 7.364 | 0       | 445376  | N.D.    | 6.964 #   |
| 45)                         | L9 AR-1268-5    | 9.192 | 7.921 | 602769  | 787011  | 6.005   | 4.388 #   |
| -----                       |                 |       |       |         |         |         |           |

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

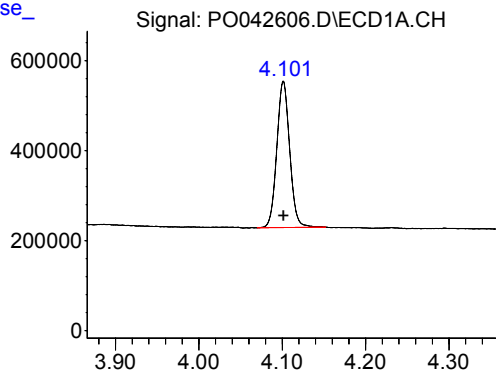
Data Path : P:\HPCHEM1\ECD\_O\Data\PO022418\  
Data File : PO042606.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 23 Feb 2018 15:10  
Operator : SM/UA  
Sample : J1548-01  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 23 15:27:49 2018  
Quant Method : P:\HPCHEM1\ECD\_O\methods\PO022118.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Thu Feb 22 07:18:56 2018  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Response\_

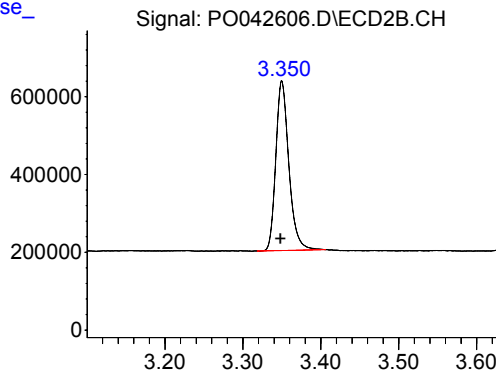


#1 Tetrachloro-m-xylene

R.T.: 4.101 min  
Delta R.T.: 0.000 min  
Response: 3485108  
Conc: 14.07 ng/ml

Time

Response\_

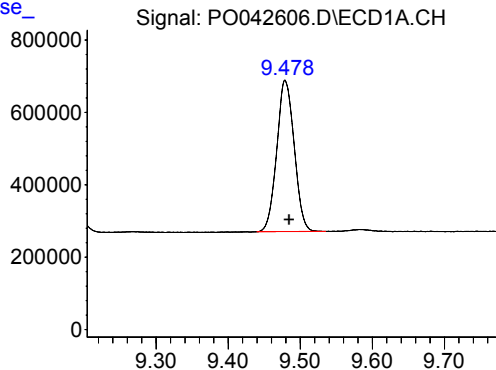


#1 Tetrachloro-m-xylene

R.T.: 3.350 min  
Delta R.T.: 0.002 min  
Response: 5066629  
Conc: 13.71 ng/ml

Time

Response\_

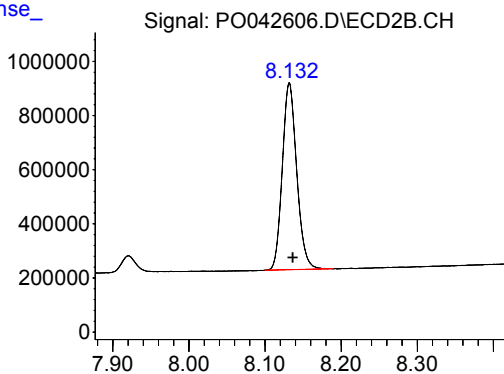


#2 Decachlorobiphenyl

R.T.: 9.479 min  
Delta R.T.: -0.005 min  
Response: 7031929  
Conc: 27.82 ng/ml

Time

Response\_



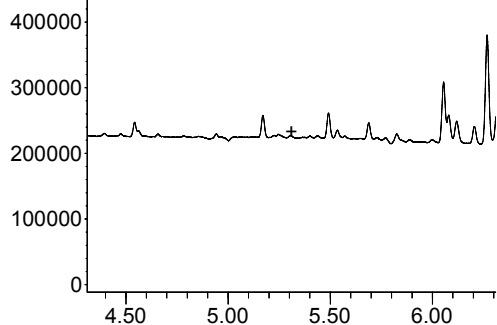
#2 Decachlorobiphenyl

R.T.: 8.132 min  
Delta R.T.: -0.004 min  
Response: 9071782  
Conc: 23.53 ng/ml

Time

Response\_

Signal: PO042606.D\ECD1A.CH



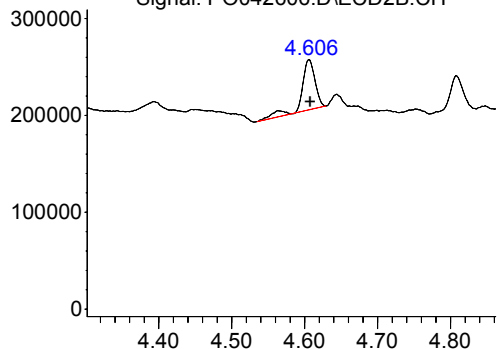
#4 AR-1016-2

R.T.: 0.000 min  
Exp R.T. : 5.310 min  
Response: 0  
Conc: N.D.

Time

Response\_

Signal: PO042606.D\ECD2B.CH



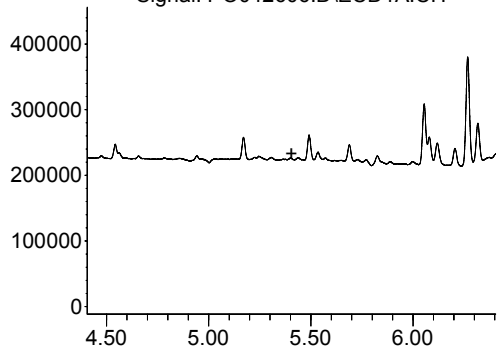
#4 AR-1016-2

R.T.: 4.606 min  
Delta R.T.: -0.001 min  
Response: 659355  
Conc: 80.47 ng/ml

Time

Response\_

Signal: PO042606.D\ECD1A.CH



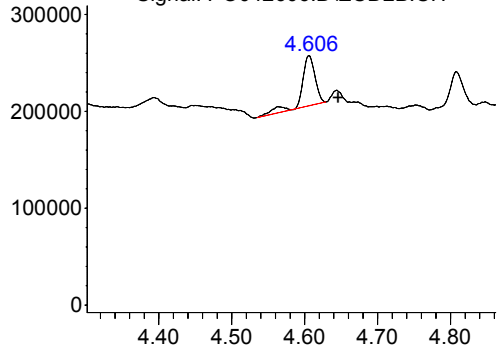
#5 AR-1016-3

R.T.: 0.000 min  
Exp R.T. : 5.405 min  
Response: 0  
Conc: N.D.

Time

Response\_

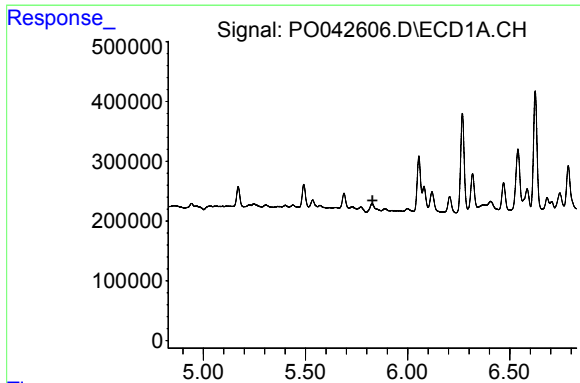
Signal: PO042606.D\ECD2B.CH



#5 AR-1016-3

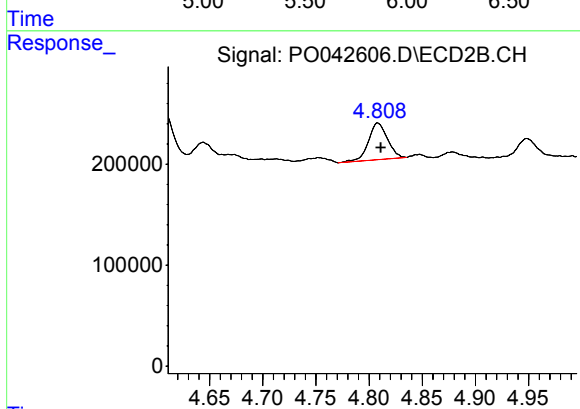
R.T.: 4.606 min  
Delta R.T.: -0.040 min  
Response: 659355  
Conc: 63.46 ng/ml

Time



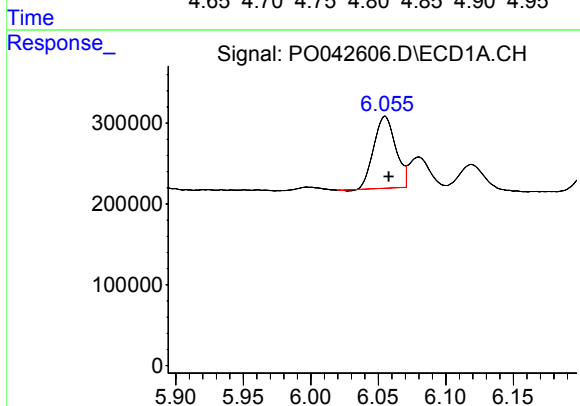
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T.: 5.827 min  
Response: 0  
Conc: N.D.



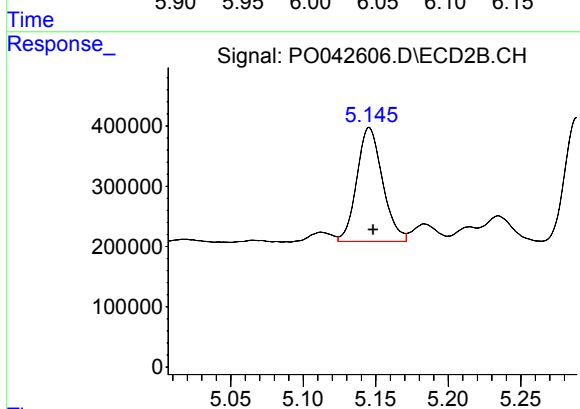
#6 AR-1016-4

R.T.: 4.808 min  
Delta R.T.: -0.003 min  
Response: 451267  
Conc: 40.64 ng/ml



#7 AR-1016-5

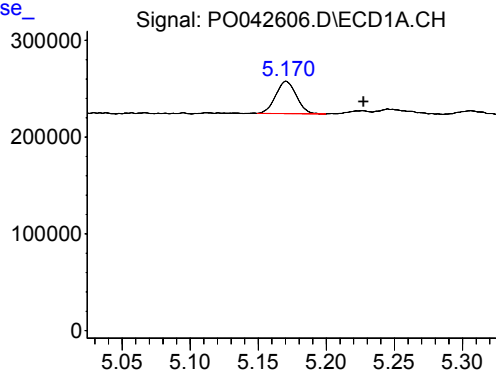
R.T.: 6.055 min  
Delta R.T.: -0.002 min  
Response: 1007434  
Conc: 139.94 ng/ml



#7 AR-1016-5

R.T.: 5.146 min  
Delta R.T.: -0.002 min  
Response: 2329406  
Conc: 220.37 ng/ml

Response\_

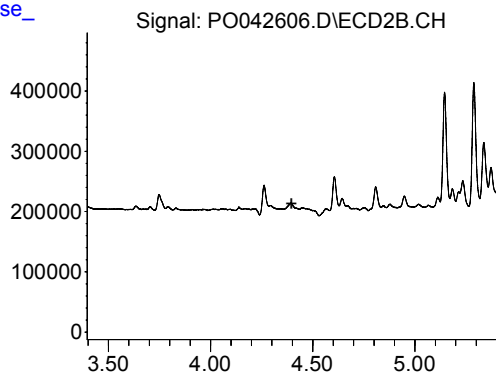


#12 AR-1232-2

R.T.: 5.171 min  
Delta R.T.: -0.057 min  
Response: 352761  
Conc: 109.52 ng/ml

Time

Response\_

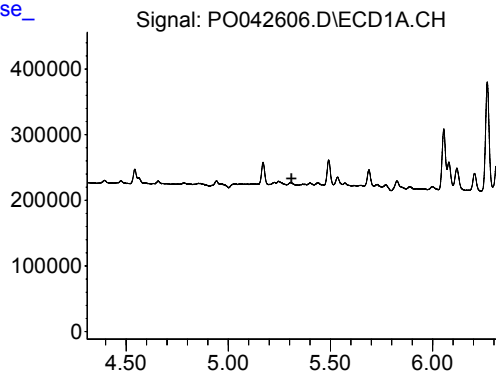


#12 AR-1232-2

R.T.: 0.000 min  
Exp R.T. : 4.396 min  
Response: 0  
Conc: N.D.

Time

Response\_

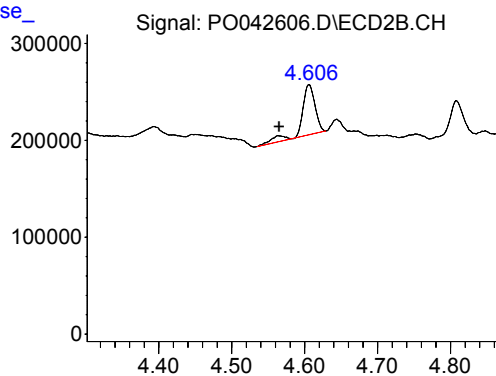


#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T. : 5.309 min  
Response: 0  
Conc: N.D.

Time

Response\_

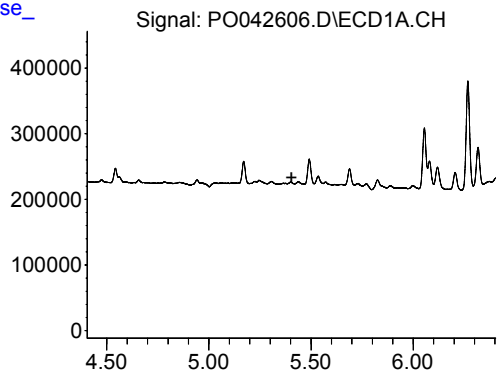


#14 AR-1232-4

R.T.: 4.606 min  
Delta R.T.: 0.041 min  
Response: 659355  
Conc: 170.12 ng/ml

Time

Response\_

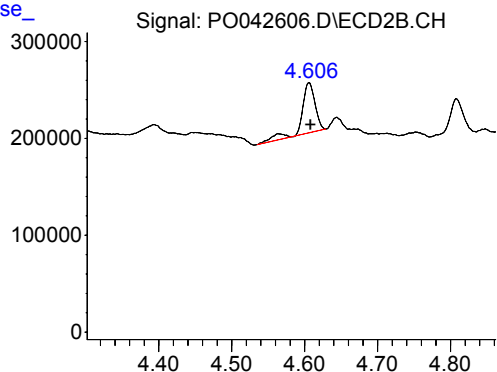


#15 AR-1232-5

R.T.: 0.000 min  
Exp R.T. : 5.404 min  
Response: 0  
Conc: N.D.

Time

Response\_

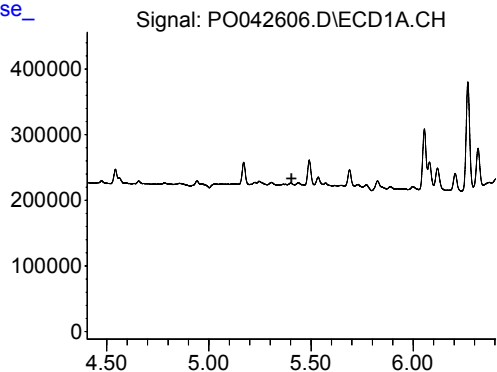


#15 AR-1232-5

R.T.: 4.606 min  
Delta R.T.: -0.002 min  
Response: 659355  
Conc: 243.07 ng/ml

Time

Response\_

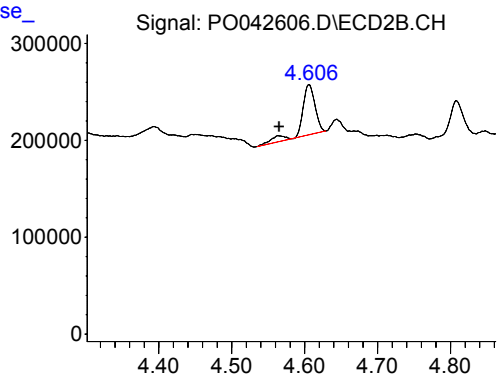


#18 AR-1242-3

R.T.: 0.000 min  
Exp R.T. : 5.404 min  
Response: 0  
Conc: N.D.

Time

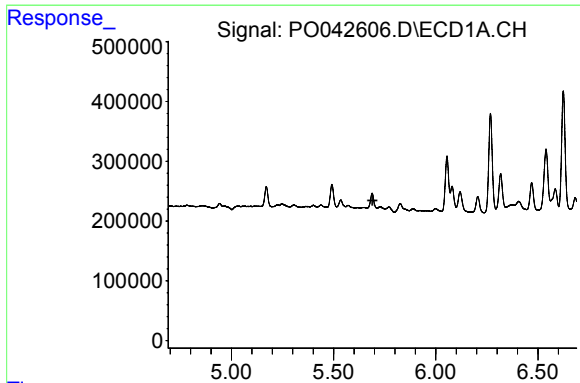
Response\_



#18 AR-1242-3

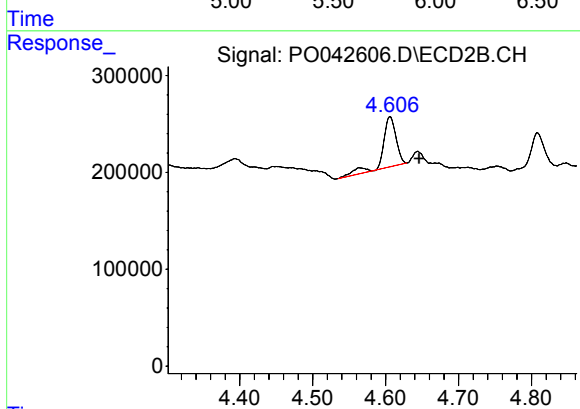
R.T.: 4.606 min  
Delta R.T.: 0.041 min  
Response: 659355  
Conc: 103.83 ng/ml

Time



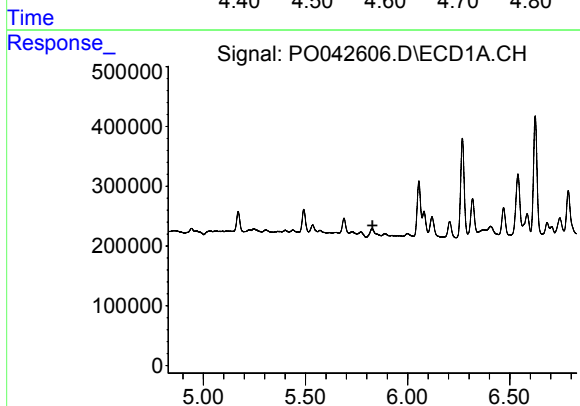
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T.: 5.690 min  
Response: 0  
Conc: N.D.



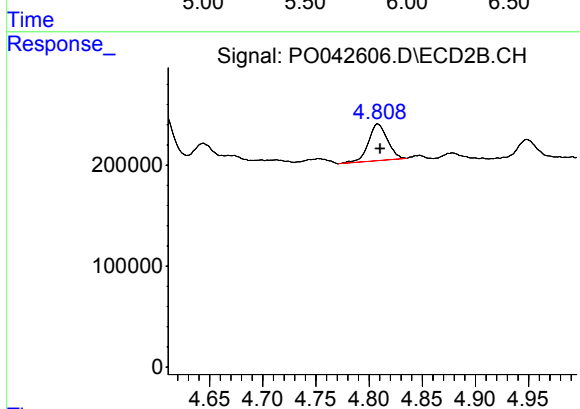
#19 AR-1242-4

R.T.: 4.606 min  
Delta R.T.: -0.040 min  
Response: 659355  
Conc: 109.91 ng/ml



#20 AR-1242-5

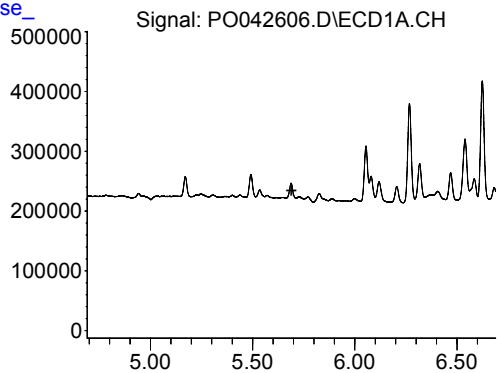
R.T.: 0.000 min  
Exp R.T.: 5.827 min  
Response: 0  
Conc: N.D.



#20 AR-1242-5

R.T.: 4.808 min  
Delta R.T.: -0.002 min  
Response: 451267  
Conc: 70.40 ng/ml

Response\_

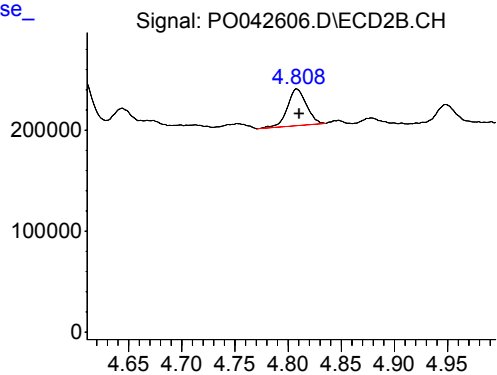


#21 AR-1248-1

R.T.: 0.000 min  
Exp R.T.: 5.690 min  
Response: 0  
Conc: N.D.

Time

Response\_

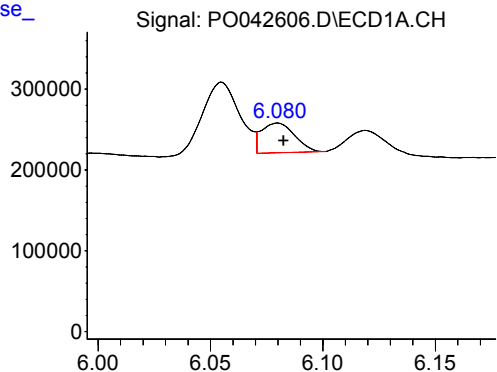


#21 AR-1248-1

R.T.: 4.808 min  
Delta R.T.: -0.002 min  
Response: 451267  
Conc: 35.63 ng/ml

Time

Response\_

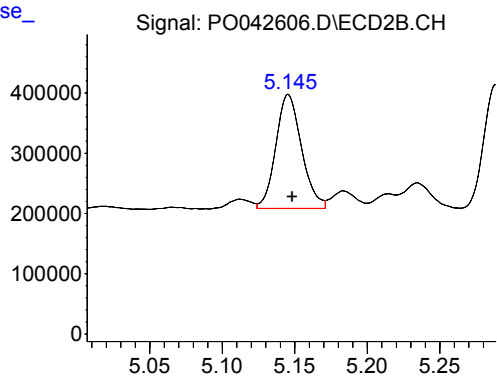


#23 AR-1248-3

R.T.: 6.080 min  
Delta R.T.: -0.002 min  
Response: 378390  
Conc: 38.71 ng/ml

Time

Response\_

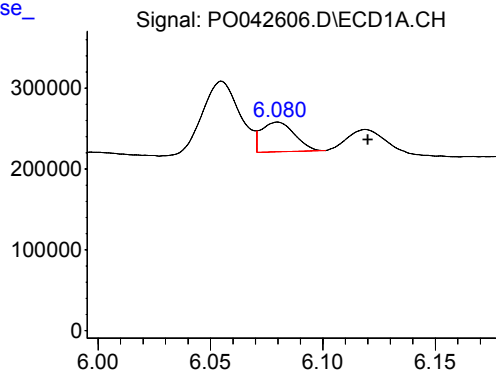


#23 AR-1248-3

R.T.: 5.146 min  
Delta R.T.: -0.003 min  
Response: 2329406  
Conc: 133.45 ng/ml

Time

Response\_

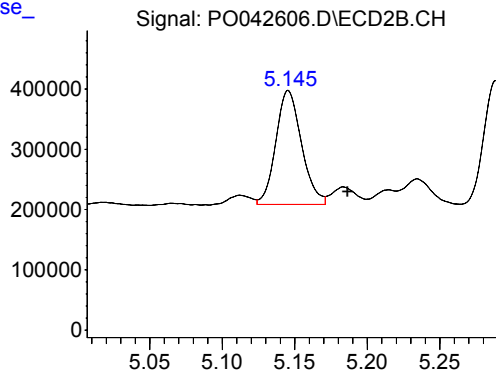


#24 AR-1248-4

R.T.: 6.080 min  
Delta R.T.: -0.040 min  
Response: 378390  
Conc: 40.39 ng/ml

Time

Response\_

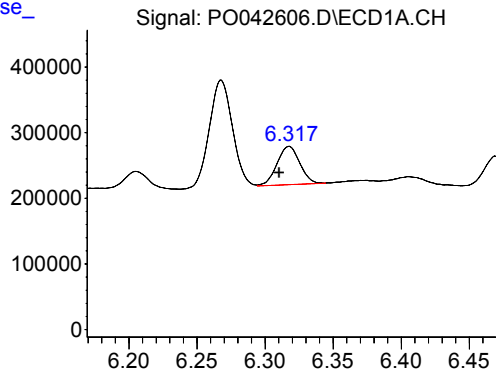


#24 AR-1248-4

R.T.: 5.146 min  
Delta R.T.: -0.041 min  
Response: 2329406  
Conc: 196.71 ng/ml

Time

Response\_

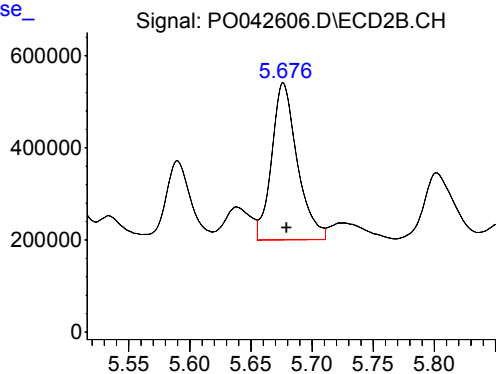


#25 AR-1248-5

R.T.: 6.318 min  
Delta R.T.: 0.007 min  
Response: 676789  
Conc: 107.76 ng/ml

Time

Response\_

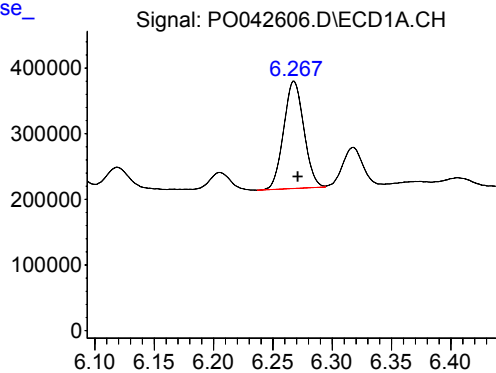


#25 AR-1248-5

R.T.: 5.676 min  
Delta R.T.: -0.002 min  
Response: 4974315  
Conc: 579.10 ng/ml

Time

Response\_

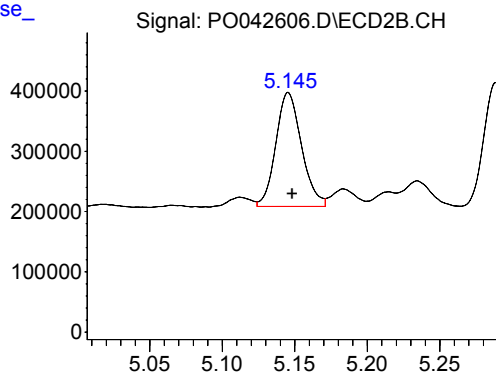


#26 AR-1254-1

R.T.: 6.268 min  
Delta R.T.: -0.003 min  
Response: 1932486  
Conc: 127.89 ng/ml

Time

Response\_

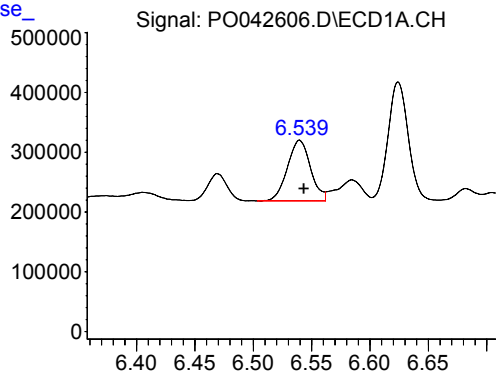


#26 AR-1254-1

R.T.: 5.146 min  
Delta R.T.: -0.003 min  
Response: 2329406  
Conc: 109.06 ng/ml

Time

Response\_

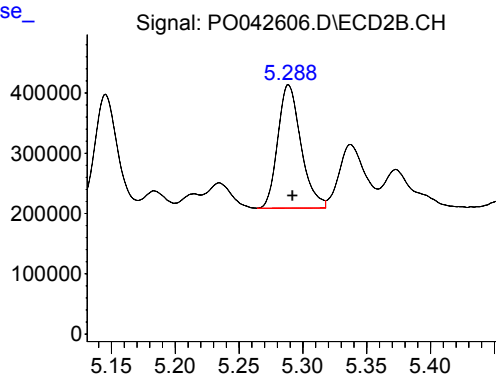


#27 AR-1254-2

R.T.: 6.540 min  
Delta R.T.: -0.003 min  
Response: 1397147  
Conc: 152.66 ng/ml

Time

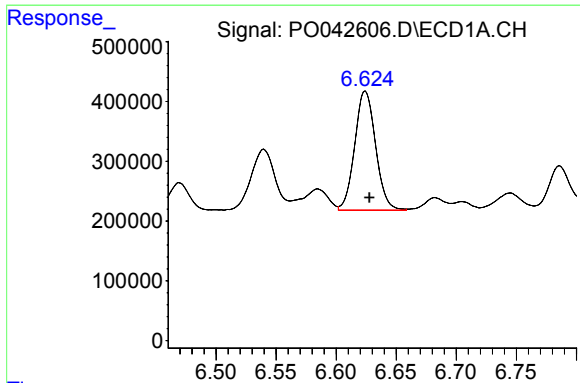
Response\_



#27 AR-1254-2

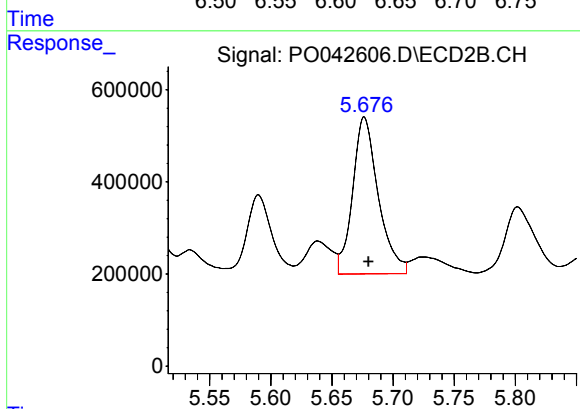
R.T.: 5.289 min  
Delta R.T.: -0.003 min  
Response: 2581584  
Conc: 137.08 ng/ml

Time



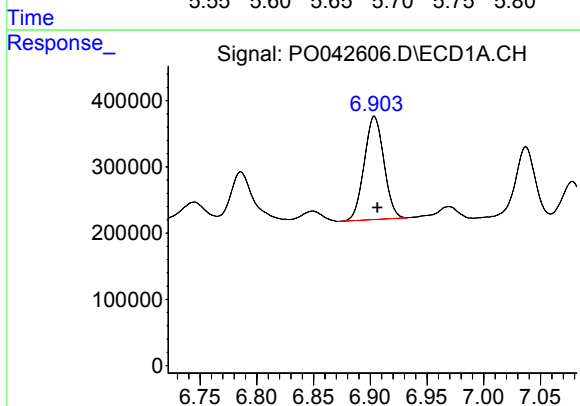
#28 AR-1254-3

R.T.: 6.624 min  
Delta R.T.: -0.003 min  
Response: 2408449  
Conc: 147.00 ng/ml



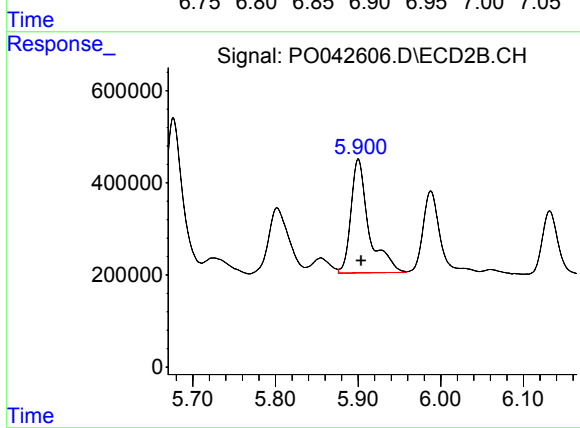
#28 AR-1254-3

R.T.: 5.676 min  
Delta R.T.: -0.003 min  
Response: 4974315  
Conc: 158.94 ng/ml



#29 AR-1254-4

R.T.: 6.904 min  
Delta R.T.: -0.003 min  
Response: 1876510  
Conc: 136.76 ng/ml

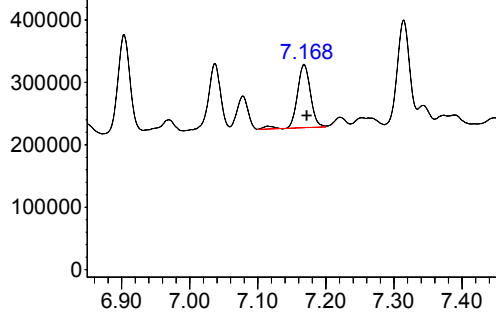


#29 AR-1254-4

R.T.: 5.900 min  
Delta R.T.: -0.003 min  
Response: 3737883  
Conc: 147.37 ng/ml

Response\_

Signal: PO042606.D\ECD1A.CH



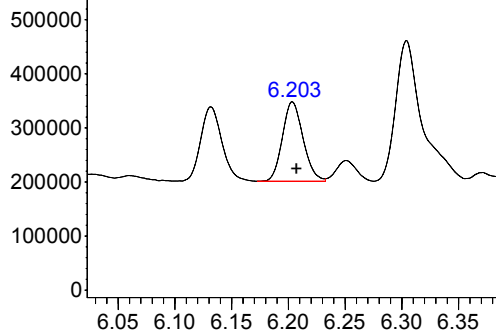
#30 AR-1254-5

R.T.: 7.168 min  
Delta R.T.: -0.004 min  
Response: 1366136  
Conc: 138.17 ng/ml

Time

Response\_

Signal: PO042606.D\ECD2B.CH



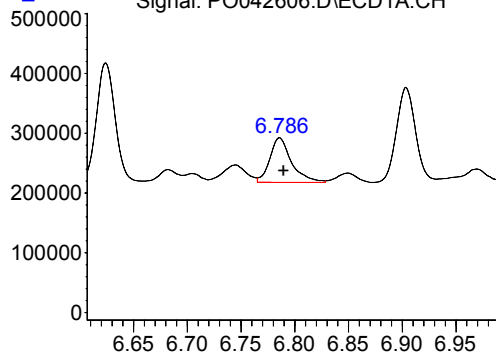
#30 AR-1254-5

R.T.: 6.204 min  
Delta R.T.: -0.003 min  
Response: 1865226  
Conc: 126.28 ng/ml

Time

Response\_

Signal: PO042606.D\ECD1A.CH



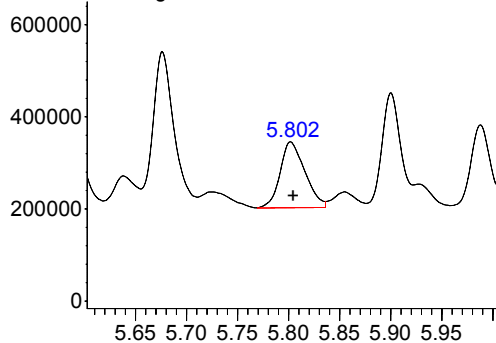
#31 AR-1260-1

R.T.: 6.786 min  
Delta R.T.: -0.003 min  
Response: 1045399  
Conc: 75.99 ng/ml

Time

Response\_

Signal: PO042606.D\ECD2B.CH

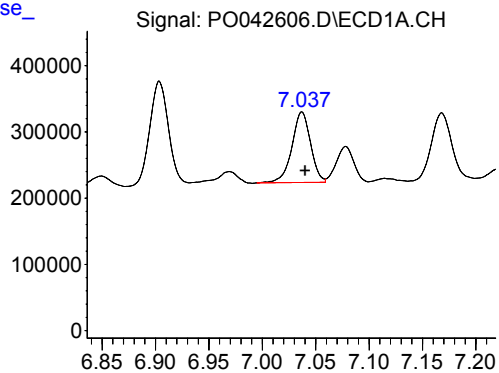


#31 AR-1260-1

R.T.: 5.802 min  
Delta R.T.: -0.002 min  
Response: 2417048  
Conc: 100.12 ng/ml

Time

Response\_

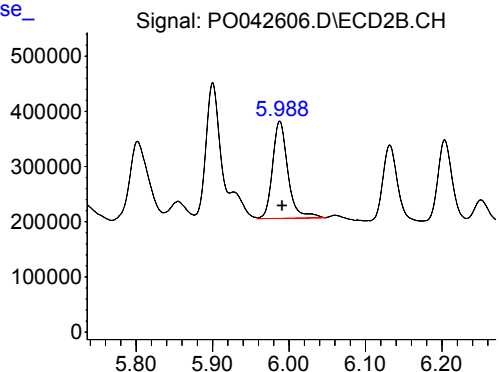


#32 AR-1260-2

R.T.: 7.037 min  
Delta R.T.: -0.003 min  
Response: 1291766  
Conc: 70.62 ng/ml

Time

Response\_

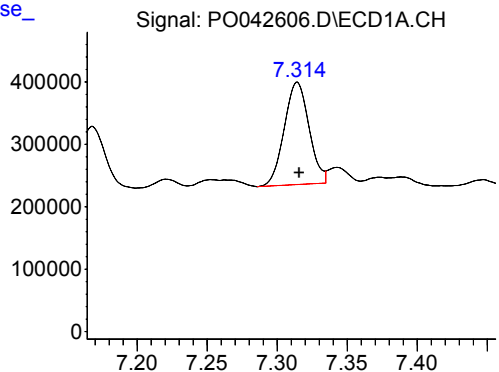


#32 AR-1260-2

R.T.: 5.988 min  
Delta R.T.: -0.003 min  
Response: 2451512  
Conc: 72.98 ng/ml

Time

Response\_

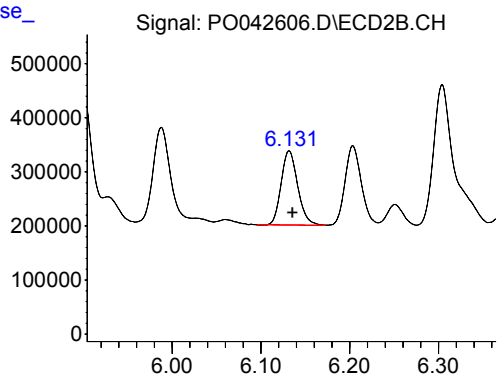


#33 AR-1260-3

R.T.: 7.314 min  
Delta R.T.: -0.001 min  
Response: 2018995  
Conc: 97.17 ng/ml

Time

Response\_



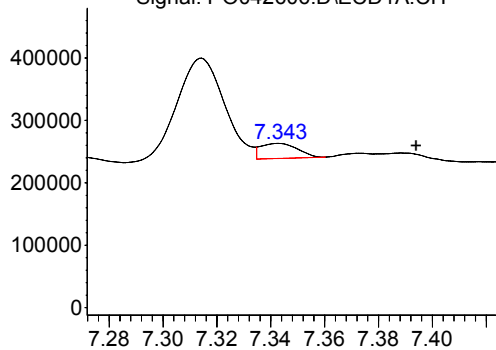
#33 AR-1260-3

R.T.: 6.132 min  
Delta R.T.: -0.004 min  
Response: 1775719  
Conc: 62.38 ng/ml

Time

Response\_

Signal: PO042606.D\ECD1A.CH



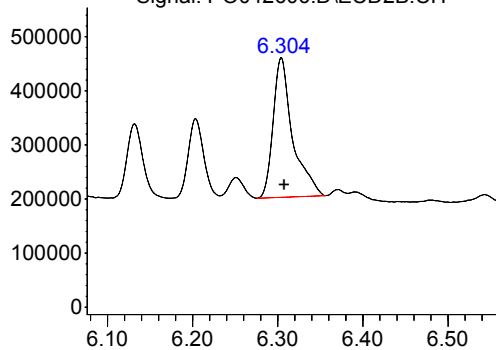
#34 AR-1260-4

R.T.: 7.343 min  
Delta R.T.: -0.051 min  
Response: 229968  
Conc: 15.54 ng/ml

Time

Response\_

Signal: PO042606.D\ECD2B.CH



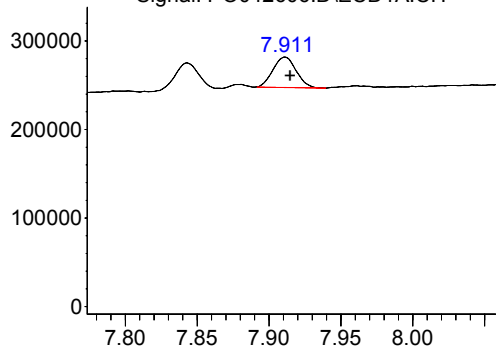
#34 AR-1260-4

R.T.: 6.304 min  
Delta R.T.: -0.003 min  
Response: 4112570  
Conc: 120.30 ng/ml

Time

Response\_

Signal: PO042606.D\ECD1A.CH



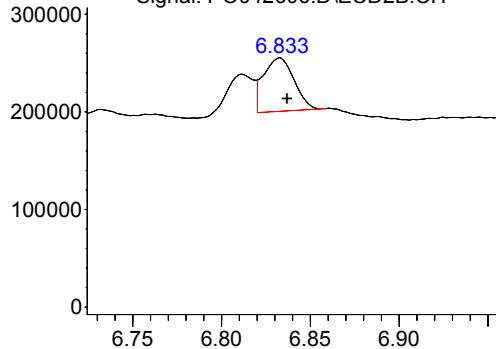
#35 AR-1260-5

R.T.: 7.911 min  
Delta R.T.: -0.003 min  
Response: 386456  
Conc: 11.43 ng/ml

Time

Response\_

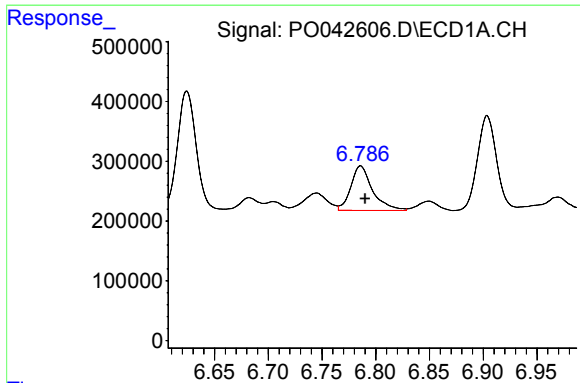
Signal: PO042606.D\ECD2B.CH



#35 AR-1260-5

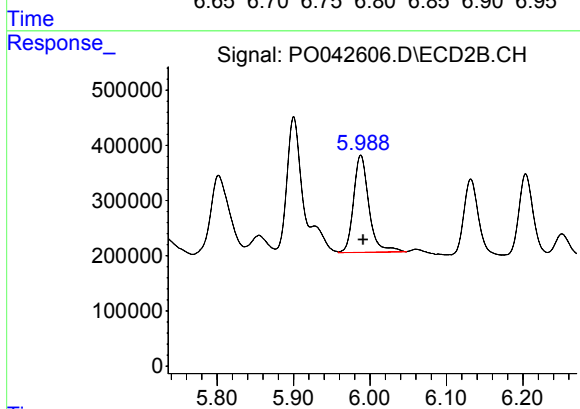
R.T.: 6.833 min  
Delta R.T.: -0.004 min  
Response: 657173  
Conc: 9.71 ng/ml

Time



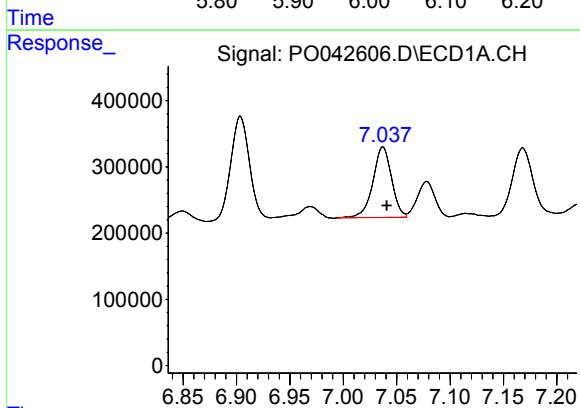
#36 AR-1262-1

R.T.: 6.786 min  
Delta R.T.: -0.004 min  
Response: 1045399  
Conc: 110.35 ng/ml



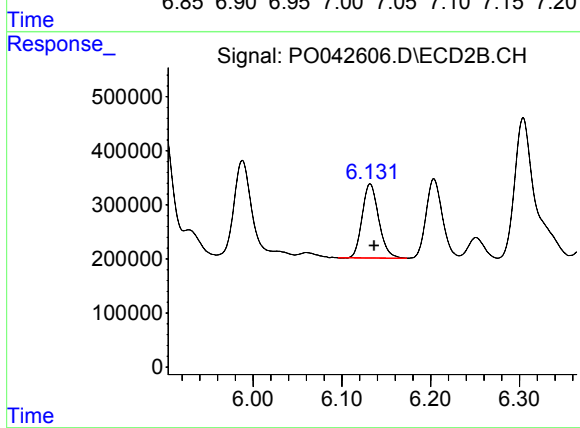
#36 AR-1262-1

R.T.: 5.988 min  
Delta R.T.: -0.003 min  
Response: 2451512  
Conc: 108.43 ng/ml



#37 AR-1262-2

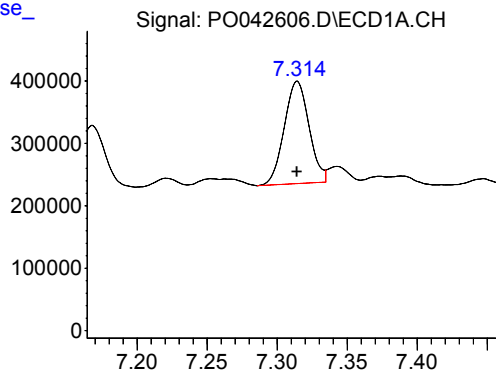
R.T.: 7.037 min  
Delta R.T.: -0.004 min  
Response: 1291766  
Conc: 104.92 ng/ml



#37 AR-1262-2

R.T.: 6.132 min  
Delta R.T.: -0.004 min  
Response: 1775719  
Conc: 86.67 ng/ml

Response\_

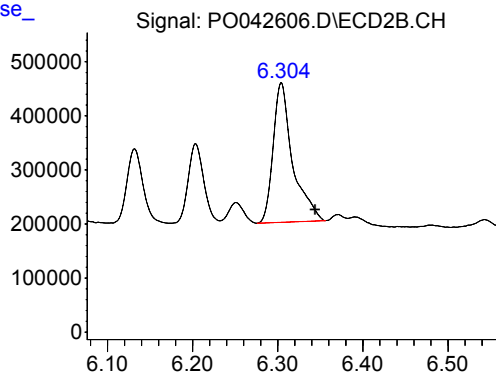


#38 AR-1262-3

R.T.: 7.314 min  
Delta R.T.: 0.000 min  
Response: 2018995  
Conc: 176.87 ng/ml

Time

Response\_

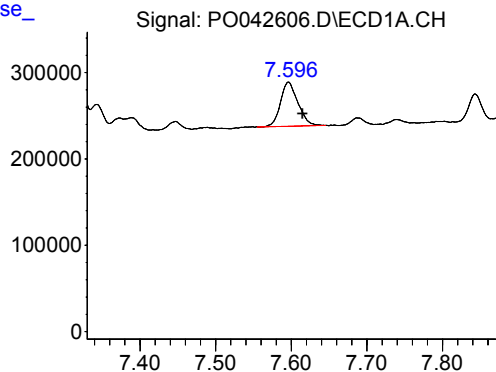


#38 AR-1262-3

R.T.: 6.304 min  
Delta R.T.: -0.039 min  
Response: 4112570  
Conc: 109.58 ng/ml

Time

Response\_

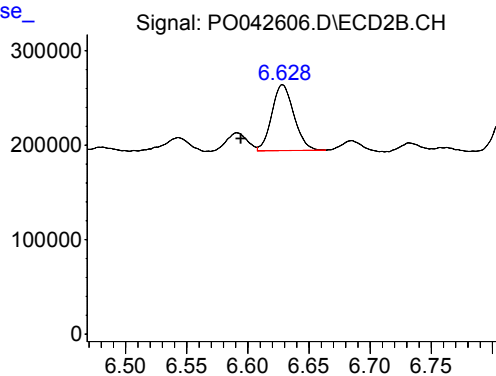


#39 AR-1262-4

R.T.: 7.596 min  
Delta R.T.: -0.018 min  
Response: 816045  
Conc: 51.87 ng/ml

Time

Response\_

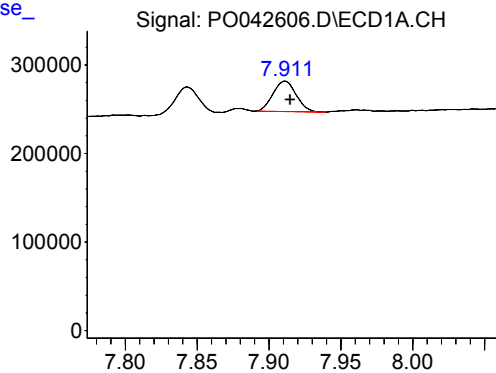


#39 AR-1262-4

R.T.: 6.628 min  
Delta R.T.: 0.034 min  
Response: 877259  
Conc: 30.53 ng/ml

Time

Response\_

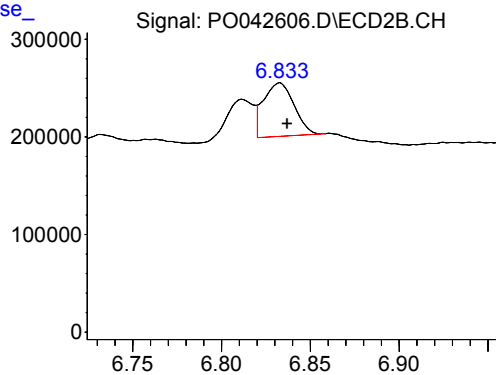


#40 AR-1262-5

R.T.: 7.911 min  
Delta R.T.: -0.003 min  
Response: 386456  
Conc: 11.29 ng/ml

Time

Response\_

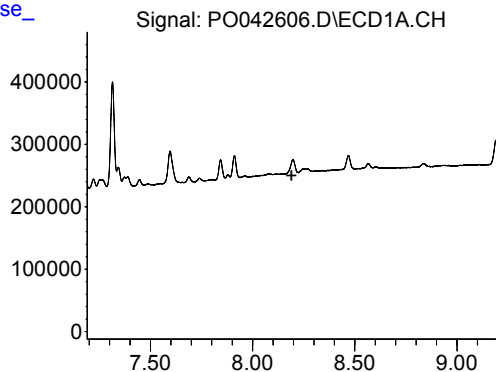


#40 AR-1262-5

R.T.: 6.833 min  
Delta R.T.: -0.004 min  
Response: 657173  
Conc: 9.70 ng/ml

Time

Response\_

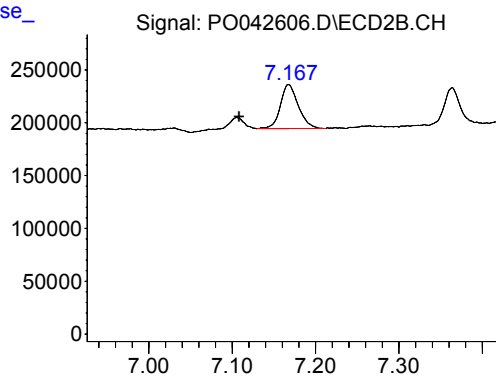


#41 AR-1268-1

R.T.: 0.000 min  
Exp R.T. : 8.190 min  
Response: 0  
Conc: N.D.

Time

Response\_



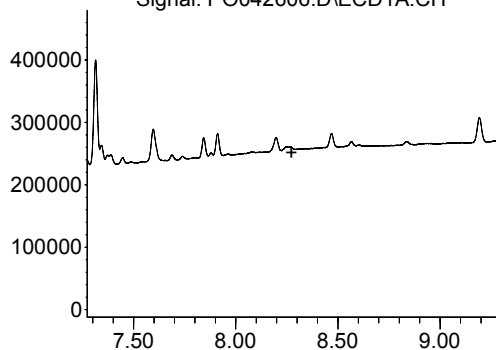
#41 AR-1268-1

R.T.: 7.168 min  
Delta R.T.: 0.060 min  
Response: 619890  
Conc: 7.32 ng/ml

Time

Response\_

Signal: PO042606.D\ECD1A.CH



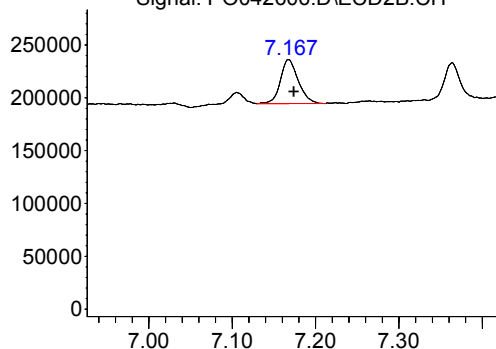
#42 AR-1268-2

R.T.: 0.000 min  
Exp R.T. : 8.272 min  
Response: 0  
Conc: N.D.

Time

Response\_

Signal: PO042606.D\ECD2B.CH



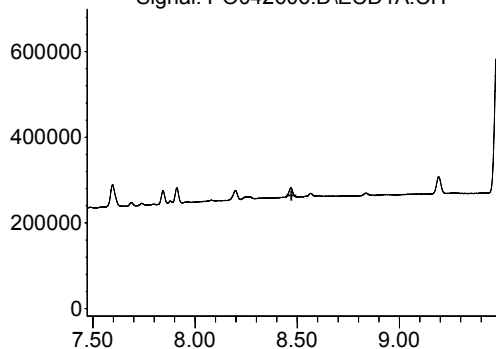
#42 AR-1268-2

R.T.: 7.168 min  
Delta R.T.: -0.006 min  
Response: 619890  
Conc: 8.24 ng/ml

Time

Response\_

Signal: PO042606.D\ECD1A.CH



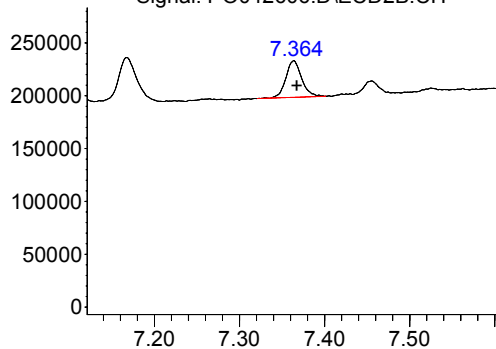
#43 AR-1268-3

R.T.: 0.000 min  
Exp R.T. : 8.472 min  
Response: 0  
Conc: N.D.

Time

Response\_

Signal: PO042606.D\ECD2B.CH



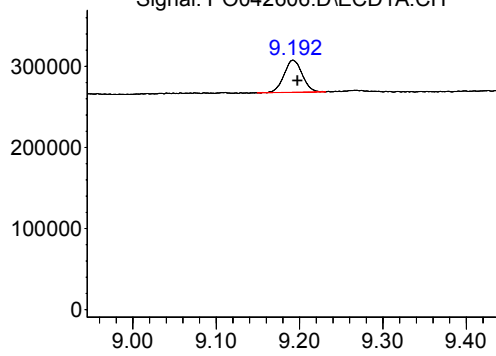
#43 AR-1268-3

R.T.: 7.364 min  
Delta R.T.: -0.003 min  
Response: 445376  
Conc: 6.96 ng/ml

Time

Response\_

Signal: PO042606.D\ECD1A.CH



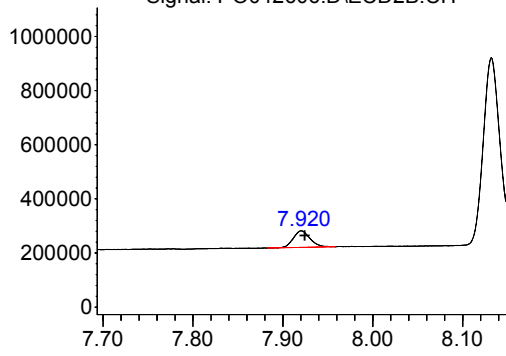
#45 AR-1268-5

R.T.: 9.192 min  
Delta R.T.: -0.005 min  
Response: 602769  
Conc: 6.00 ng/ml

Time

Response\_

Signal: PO042606.D\ECD2B.CH



#45 AR-1268-5

R.T.: 7.921 min  
Delta R.T.: -0.004 min  
Response: 787011  
Conc: 4.39 ng/ml

Time