

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR073020\  
 Data File : PR046624.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 30 Jul 2020 13:58  
 Operator : AJ\MA  
 Sample : L3483-01  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 ECD\_R  
 ClientSampleId :  
 S-1

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 31 04:33:28 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR072820.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Jul 29 03:56:12 2020  
 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... | 4.765  | 3.995 | 38776974 | 242.7E6  | 24.504  | 24.254    |
| 2)                          | SA Decachlor... | 10.767 | 9.127 | 51819419 | 372.2E6  | 23.387  | 24.691    |
| Target Compounds            |                 |        |       |          |          |         |           |
| 3)                          | L1 AR-1016-1    | 5.953  | 5.092 | 1858001  | 11283144 | 27.263  | 24.691    |
| 4)                          | L1 AR-1016-2    | 5.978  | 5.112 | 2478173  | 13094823 | 25.585  | 20.546    |
| 6)                          | L1 AR-1016-4    | 0.000  | 5.331 | 0        | 19934571 | N.D.    | 73.841 #  |
| 7)                          | L1 AR-1016-5    | 6.436  | 5.548 | 3515503  | 21564199 | 70.955  | 59.430    |
| 12)                         | L3 AR-1232-2    | 0.000  | 5.112 | 0        | 13094823 | N.D.    | 61.834 #  |
| 13)                         | L3 AR-1232-3    | 5.978  | 0.000 | 2478173  | 0        | 77.551  | N.D. #    |
| 14)                         | L3 AR-1232-4    | 0.000  | 5.374 | 0        | 14686410 | N.D.    | 143.238 # |
| 15)                         | L3 AR-1232-5    | 6.226  | 5.548 | 2787358  | 21564199 | 230.939 | 176.835   |
| 16)                         | L4 AR-1242-1    | 5.953  | 5.092 | 1858001  | 11283144 | 43.491  | 39.727    |
| 17)                         | L4 AR-1242-2    | 5.978  | 5.112 | 2478173  | 13094823 | 41.467  | 33.269    |
| 19)                         | L4 AR-1242-4    | 0.000  | 5.374 | 0        | 14686410 | N.D.    | 69.820 #  |
| 20)                         | L4 AR-1242-5    | 6.882  | 5.903 | 6602042  | 52636629 | 169.837 | 169.601   |
| 21)                         | L5 AR-1248-1    | 5.953  | 5.092 | 1858001  | 11283144 | 50.636  | 47.399    |
| 22)                         | L5 AR-1248-2    | 6.226  | 5.331 | 2787358  | 19934571 | 55.271  | 62.700    |
| 23)                         | L5 AR-1248-3    | 6.436  | 5.374 | 3515503  | 14686410 | 60.230  | 44.764 #  |
| 24)                         | L5 AR-1248-4    | 6.843  | 5.548 | 5970707  | 21564199 | 81.964  | 50.725 #  |
| 25)                         | L5 AR-1248-5    | 6.882  | 5.946 | 6602042  | 34715871 | 94.947  | 76.546    |
| 26)                         | L6 AR-1254-1    | 6.814  | 5.903 | 4935147  | 52636629 | 63.316  | 70.294    |
| 27)                         | L6 AR-1254-2    | 7.039  | 6.051 | 8336615  | 24669489 | 66.877  | 36.864 #  |
| 28)                         | L6 AR-1254-3    | 7.406  | 6.460 | 6069863  | 55102561 | 44.197  | 46.719    |
| 29)                         | L6 AR-1254-4    | 7.693  | 6.688 | 4285102  | 28063833 | 40.471  | 35.525    |
| 30)                         | L6 AR-1254-5    | 8.116  | 7.109 | 5625570  | 35892706 | 49.486  | 33.589 #  |
| 31)                         | L7 AR-1260-1    | 7.565  | 6.591 | 3171969  | 31385520 | 32.238  | 40.767 #  |
| 32)                         | L7 AR-1260-2    | 7.823  | 6.778 | 5436174  | 27010509 | 45.269  | 27.871 #  |
| 33)                         | L7 AR-1260-3    | 8.187  | 6.935 | 3821736  | 24300690 | 42.085  | 27.280 #  |
| 34)                         | L7 AR-1260-4    | 8.431  | 7.410 | 4376339  | 22271689 | 41.778  | 30.047 #  |
| 35)                         | L7 AR-1260-5    | 8.779  | 7.651 | 7575705  | 59725449 | 33.672  | 31.683    |
| 36)                         | L8 AR-1262-1    | 8.187  | 7.109 | 3821736  | 35892706 | 31.005  | 67.834 #  |
| 37)                         | L8 AR-1262-2    | 8.779  | 7.651 | 7575705  | 59725449 | 31.840  | 29.139    |
| 38)                         | L8 AR-1262-3    | 9.113  | 7.938 | 4087674  | 30530326 | 39.433  | 37.565    |
| 39)                         | L8 AR-1262-4    | 9.214  | 8.002 | 4845745  | 50221044 | 39.596  | 34.711    |
| 40)                         | L8 AR-1262-5    | 9.943  | 8.523 | 3166024  | 26150044 | 34.413  | 38.481    |
| 41)                         | L9 AR-1268-1    | 9.113  | 7.938 | 4087674  | 30530326 | 14.083  | 13.061    |
| 42)                         | L9 AR-1268-2    | 9.214  | 8.002 | 4845745  | 50221044 | 17.917  | 22.713 #  |
| 44)                         | L9 AR-1268-4    | 9.943  | 8.523 | 3166024  | 26150044 | 30.387  | 34.058    |
| 45)                         | L9 AR-1268-5    | 10.397 | 8.844 | 3429392  | 24097252 | 4.256   | 4.343     |
| -----                       |                 |        |       |          |          |         |           |

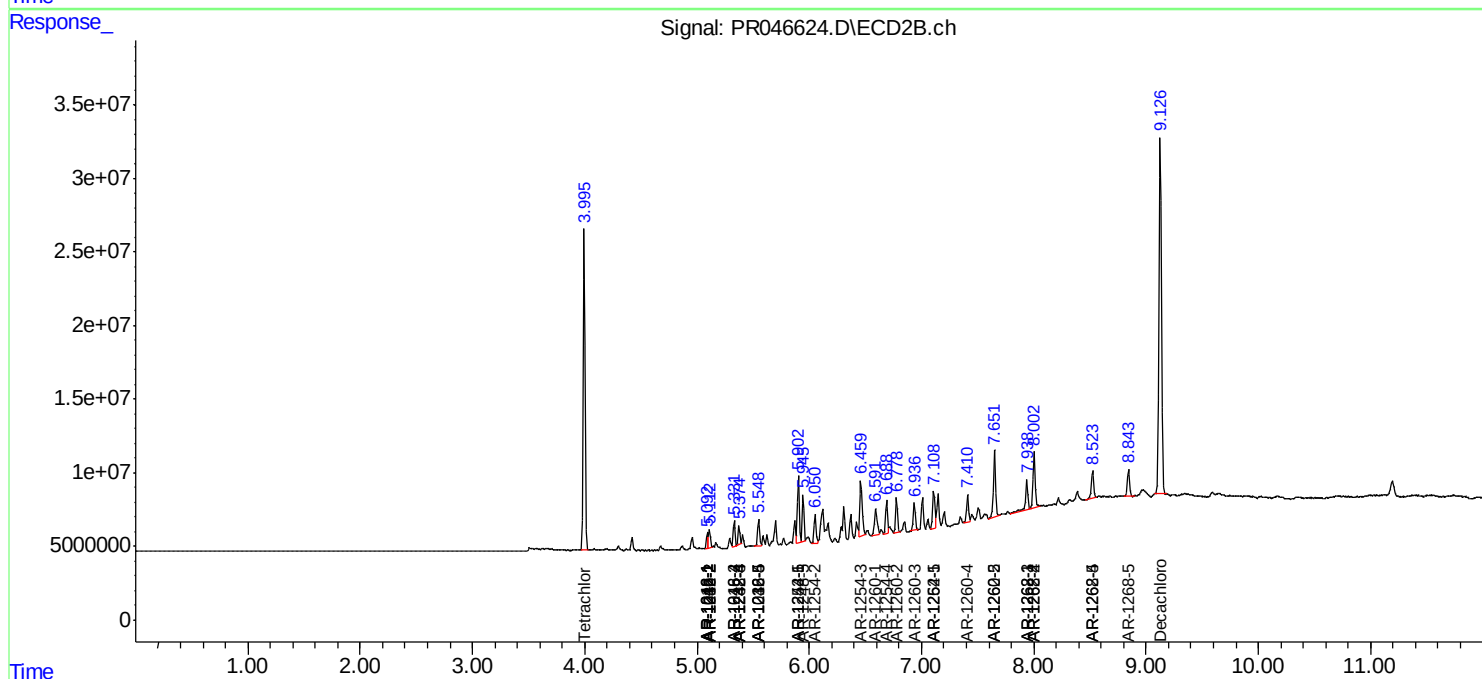
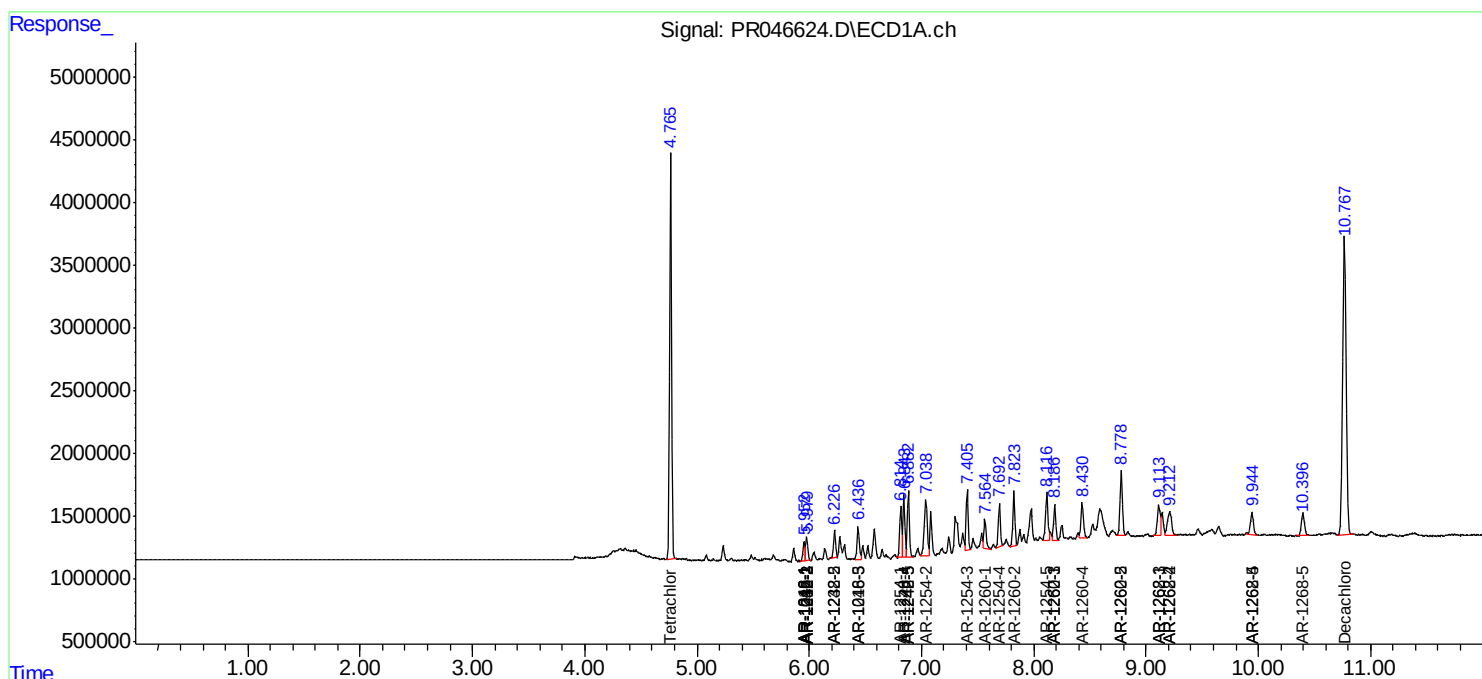
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

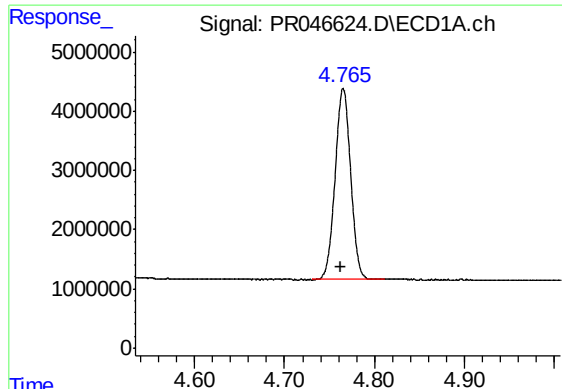
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR073020\  
Data File : PR046624.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 30 Jul 2020 13:58  
Operator : AJ\MA  
Sample : L3483-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
ECD\_R  
ClientSampled :  
S-1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 31 04:33:28 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR072820.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Jul 29 03:56:12 2020  
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

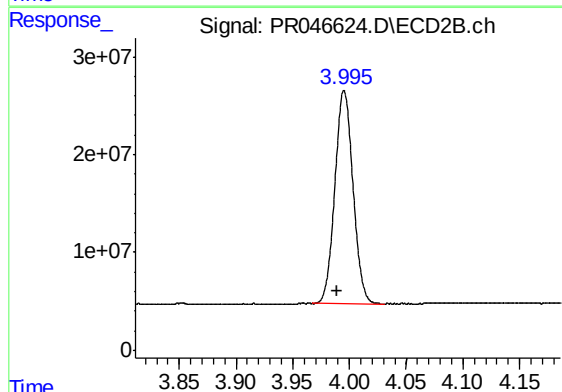




#1 Tetrachloro-m-xylene

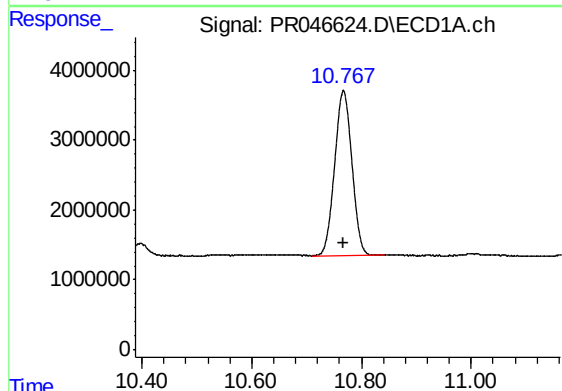
R.T.: 4.765 min  
Delta R.T.: 0.002 min  
Response: 38776974  
Conc: 24.50 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
S-1



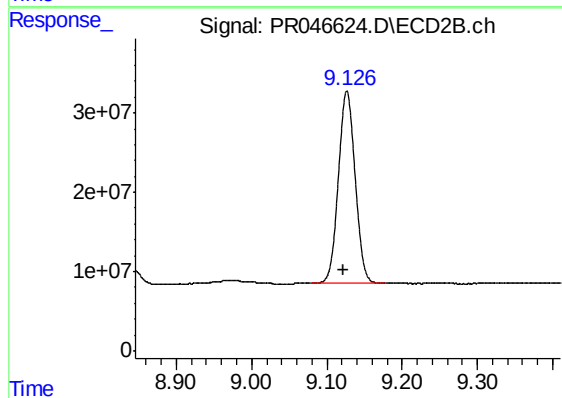
#1 Tetrachloro-m-xylene

R.T.: 3.995 min  
Delta R.T.: 0.006 min  
Response: 242657598  
Conc: 24.25 ng/ml



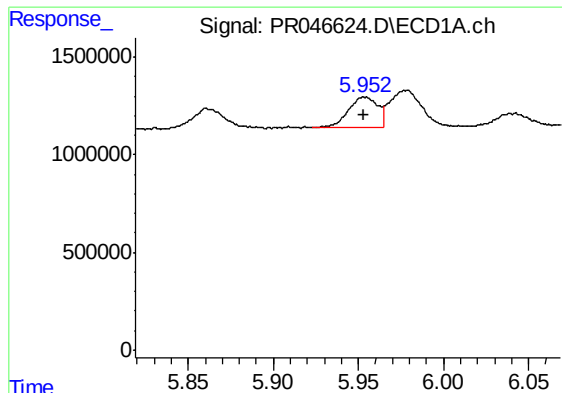
#2 Decachlorobiphenyl

R.T.: 10.767 min  
Delta R.T.: 0.000 min  
Response: 51819419  
Conc: 23.39 ng/ml



#2 Decachlorobiphenyl

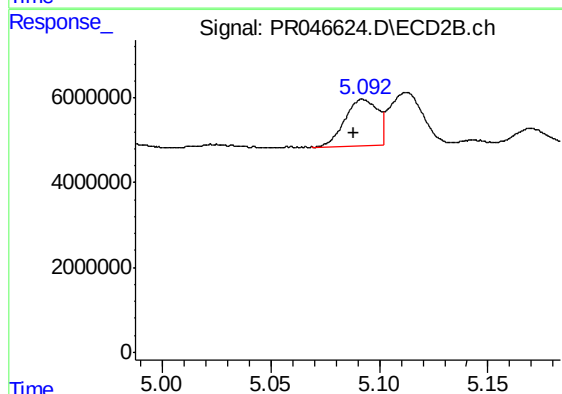
R.T.: 9.127 min  
Delta R.T.: 0.005 min  
Response: 372165354  
Conc: 24.69 ng/ml



#3 AR-1016-1

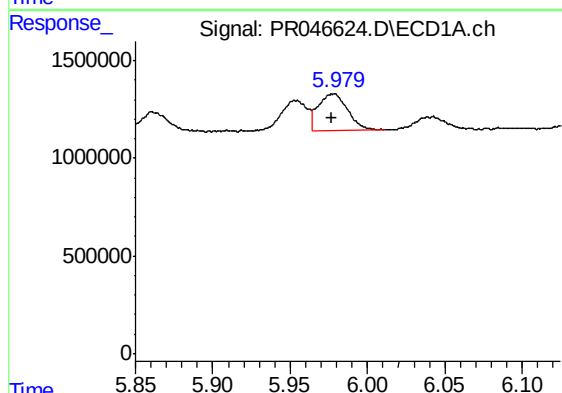
R.T.: 5.953 min  
Delta R.T.: 0.000 min  
Response: 1858001  
Conc: 27.26 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
S-1



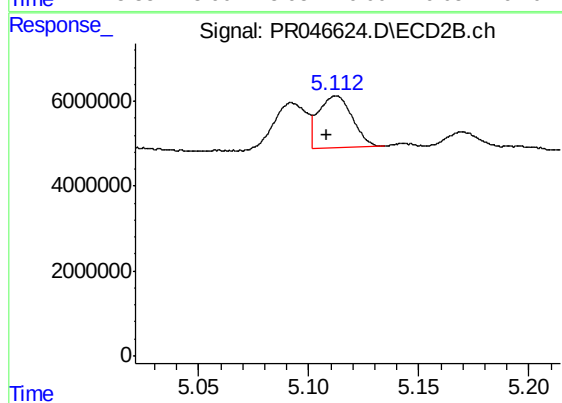
#3 AR-1016-1

R.T.: 5.092 min  
Delta R.T.: 0.004 min  
Response: 11283144  
Conc: 24.69 ng/ml



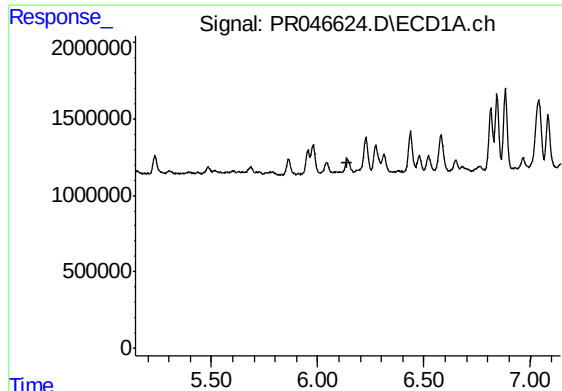
#4 AR-1016-2

R.T.: 5.978 min  
Delta R.T.: 0.001 min  
Response: 2478173  
Conc: 25.59 ng/ml



#4 AR-1016-2

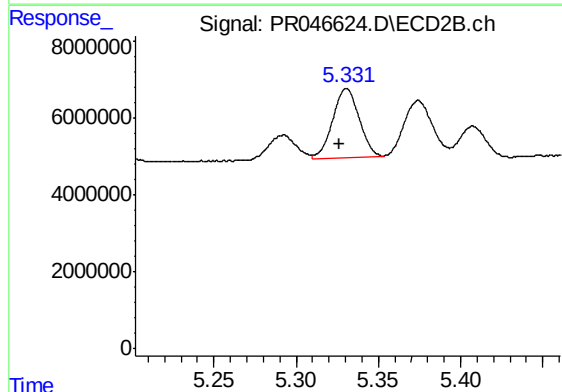
R.T.: 5.112 min  
Delta R.T.: 0.004 min  
Response: 13094823  
Conc: 20.55 ng/ml



#6 AR-1016-4

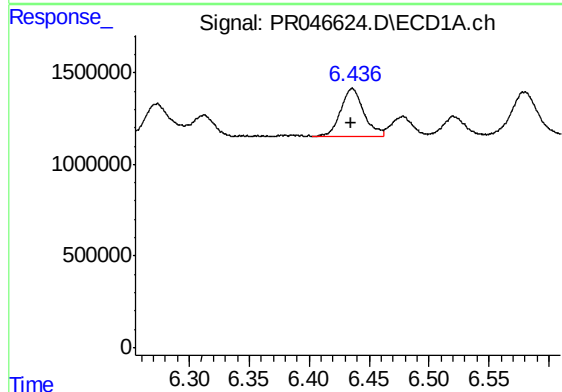
R.T.: 0.000 min  
Exp R.T.: 6.142 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
S-1



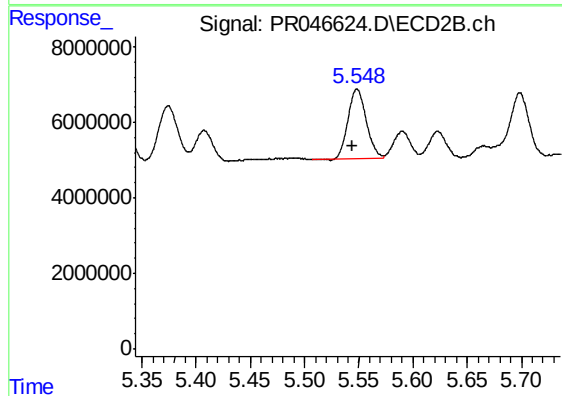
#6 AR-1016-4

R.T.: 5.331 min  
Delta R.T.: 0.004 min  
Response: 19934571  
Conc: 73.84 ng/ml



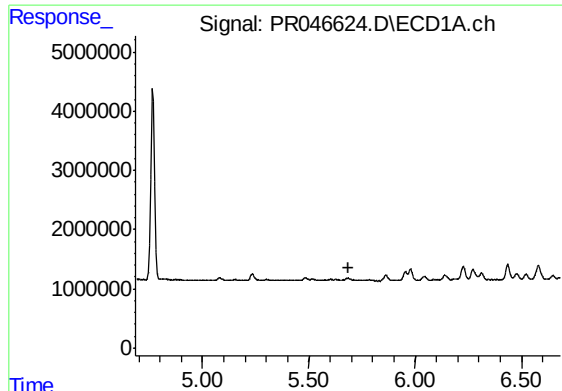
#7 AR-1016-5

R.T.: 6.436 min  
Delta R.T.: 0.000 min  
Response: 3515503  
Conc: 70.96 ng/ml



#7 AR-1016-5

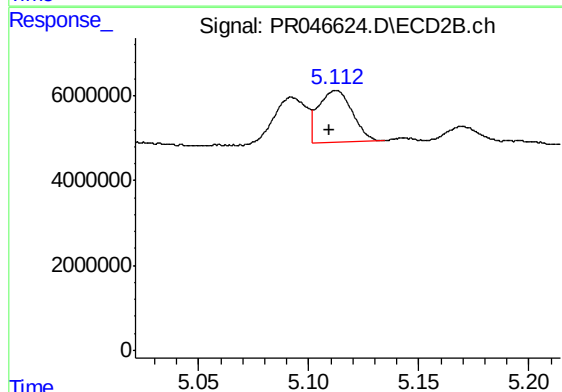
R.T.: 5.548 min  
Delta R.T.: 0.004 min  
Response: 21564199  
Conc: 59.43 ng/ml



#12 AR-1232-2

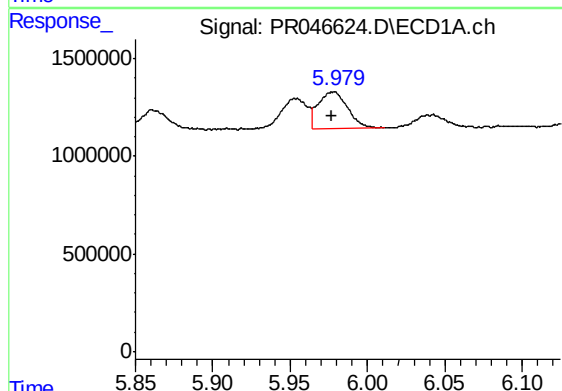
R.T.: 0.000 min  
Exp R.T. : 5.684 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
S-1



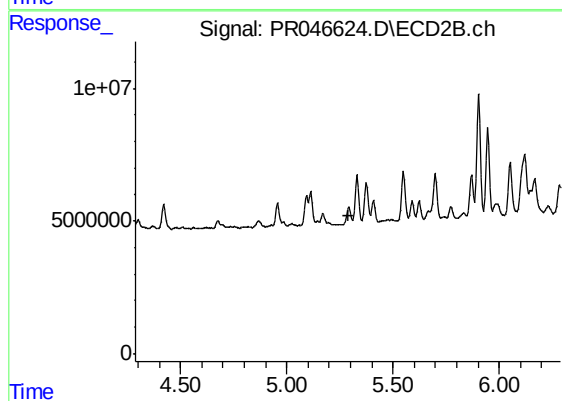
#12 AR-1232-2

R.T.: 5.112 min  
Delta R.T.: 0.003 min  
Response: 13094823  
Conc: 61.83 ng/ml



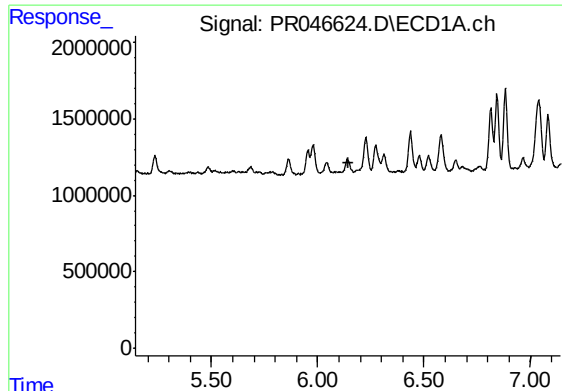
#13 AR-1232-3

R.T.: 5.978 min  
Delta R.T.: 0.001 min  
Response: 2478173  
Conc: 77.55 ng/ml



#13 AR-1232-3

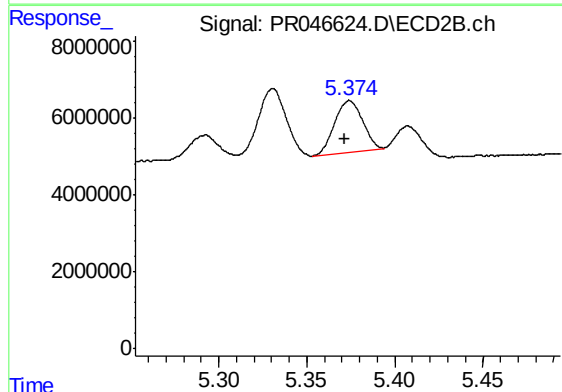
R.T.: 0.000 min  
Exp R.T. : 5.288 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

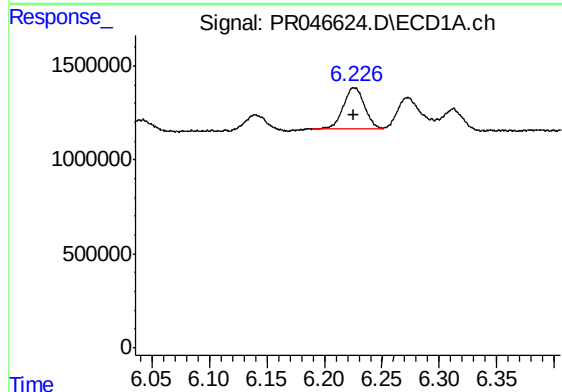
R.T.: 0.000 min  
Exp R.T.: 6.142 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
S-1



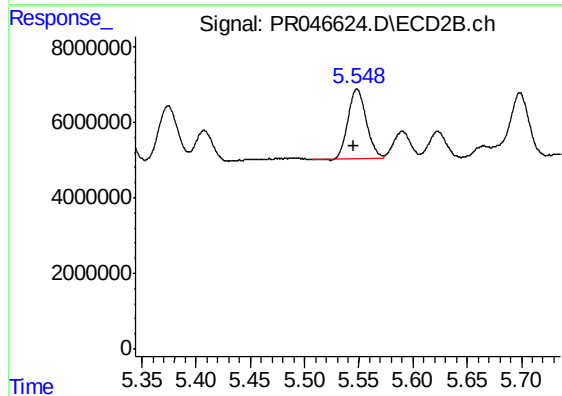
#14 AR-1232-4

R.T.: 5.374 min  
Delta R.T.: 0.003 min  
Response: 14686410  
Conc: 143.24 ng/ml



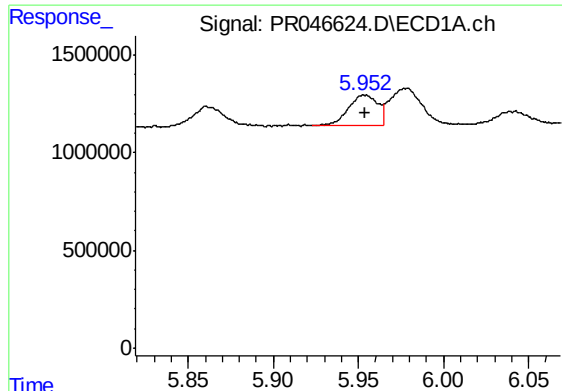
#15 AR-1232-5

R.T.: 6.226 min  
Delta R.T.: 0.000 min  
Response: 2787358  
Conc: 230.94 ng/ml



#15 AR-1232-5

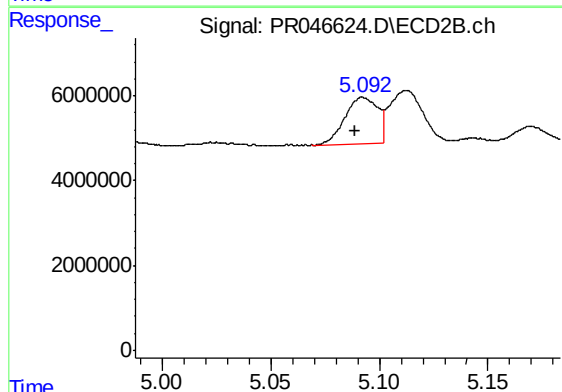
R.T.: 5.548 min  
Delta R.T.: 0.003 min  
Response: 21564199  
Conc: 176.84 ng/ml



#16 AR-1242-1

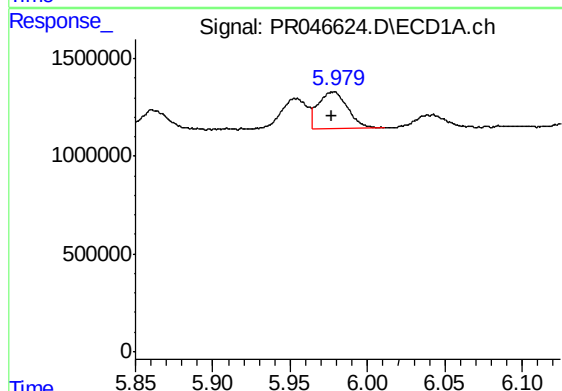
R.T.: 5.953 min  
Delta R.T.: 0.000 min  
Response: 1858001  
Conc: 43.49 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
S-1



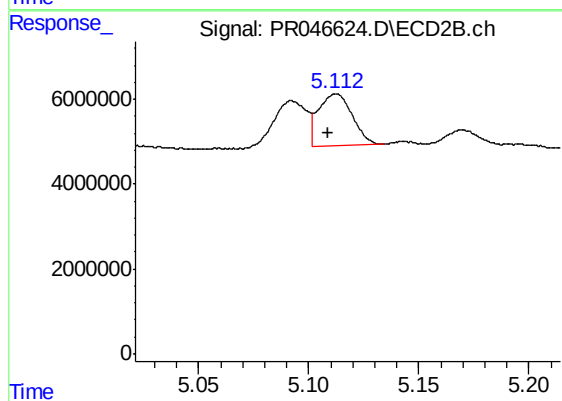
#16 AR-1242-1

R.T.: 5.092 min  
Delta R.T.: 0.004 min  
Response: 11283144  
Conc: 39.73 ng/ml



#17 AR-1242-2

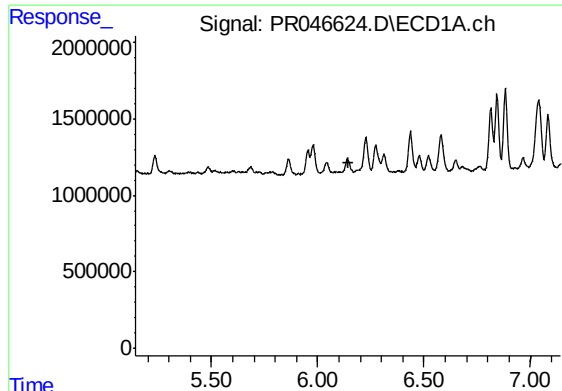
R.T.: 5.978 min  
Delta R.T.: 0.000 min  
Response: 2478173  
Conc: 41.47 ng/ml



#17 AR-1242-2

R.T.: 5.112 min  
Delta R.T.: 0.004 min  
Response: 13094823  
Conc: 33.27 ng/ml

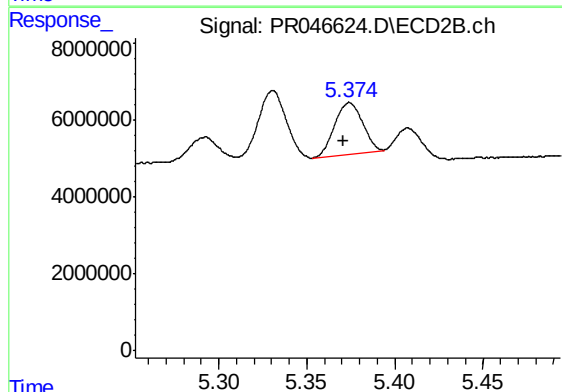




#19 AR-1242-4

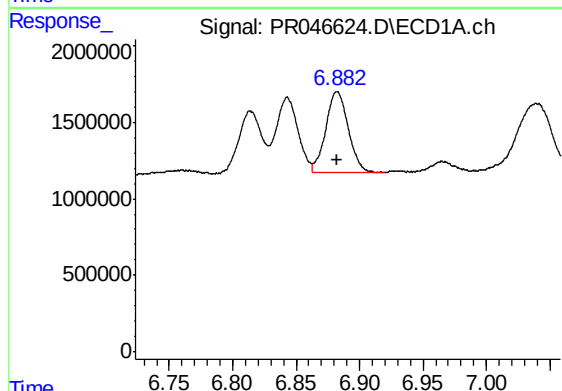
R.T.: 0.000 min  
Exp R.T.: 6.142 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
S-1



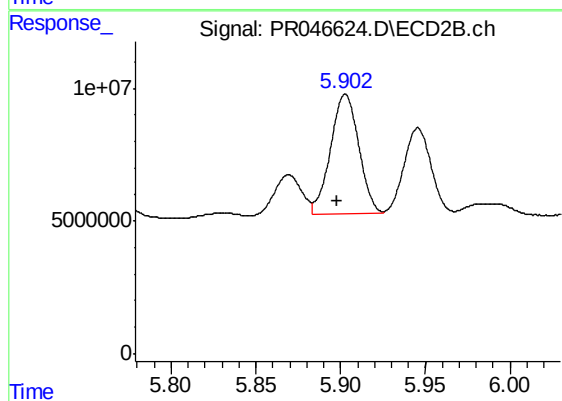
#19 AR-1242-4

R.T.: 5.374 min  
Delta R.T.: 0.003 min  
Response: 14686410  
Conc: 69.82 ng/ml



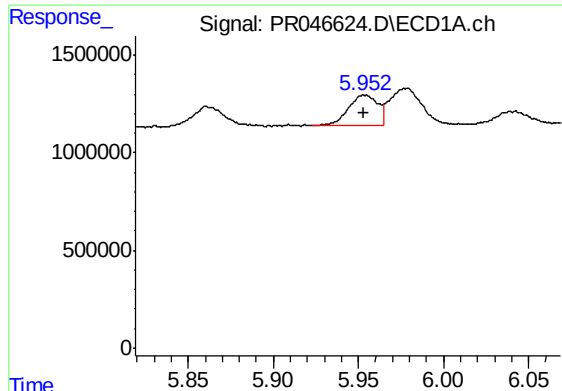
#20 AR-1242-5

R.T.: 6.882 min  
Delta R.T.: 0.000 min  
Response: 6602042  
Conc: 169.84 ng/ml



#20 AR-1242-5

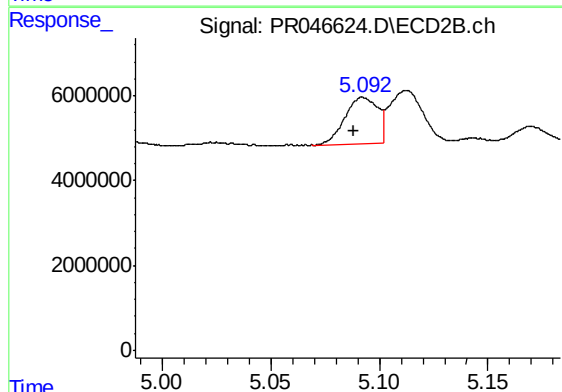
R.T.: 5.903 min  
Delta R.T.: 0.005 min  
Response: 52636629  
Conc: 169.60 ng/ml



#21 AR-1248-1

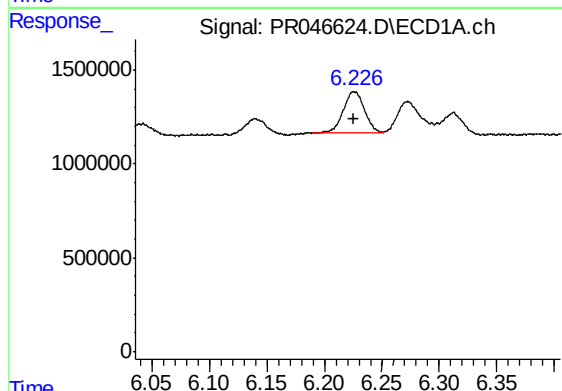
R.T.: 5.953 min  
Delta R.T.: 0.000 min  
Response: 1858001  
Conc: 50.64 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
S-1



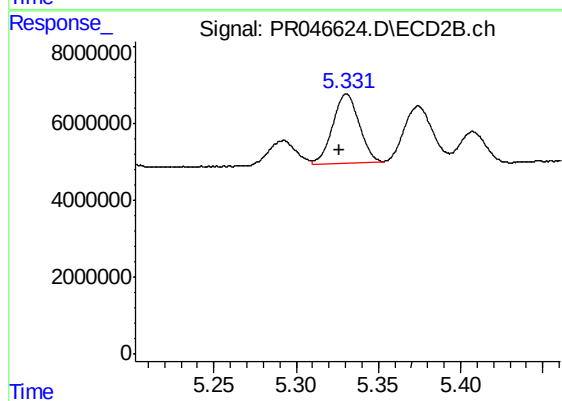
#21 AR-1248-1

R.T.: 5.092 min  
Delta R.T.: 0.004 min  
Response: 11283144  
Conc: 47.40 ng/ml



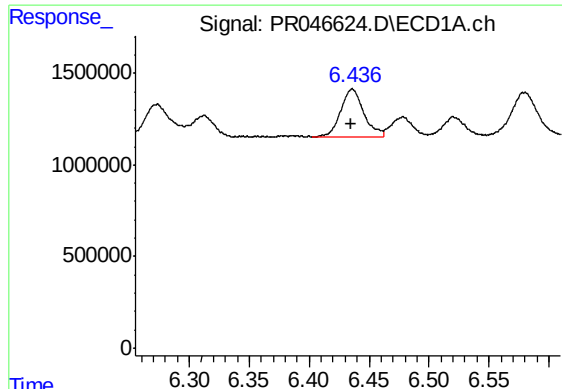
#22 AR-1248-2

R.T.: 6.226 min  
Delta R.T.: 0.000 min  
Response: 2787358  
Conc: 55.27 ng/ml



#22 AR-1248-2

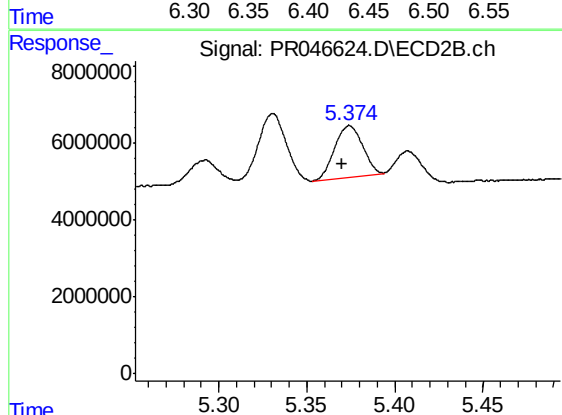
R.T.: 5.331 min  
Delta R.T.: 0.004 min  
Response: 19934571  
Conc: 62.70 ng/ml



#23 AR-1248-3

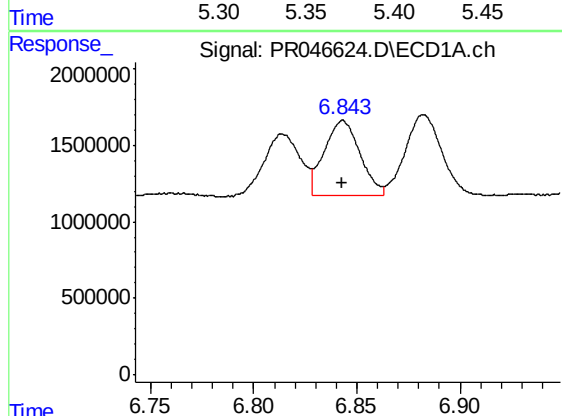
R.T.: 6.436 min  
Delta R.T.: 0.001 min  
Response: 3515503  
Conc: 60.23 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
S-1



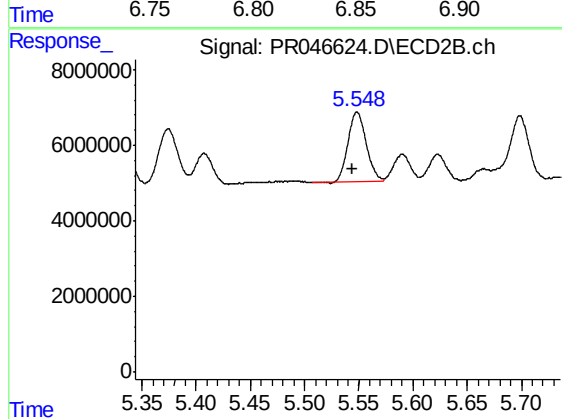
#23 AR-1248-3

R.T.: 5.374 min  
Delta R.T.: 0.004 min  
Response: 14686410  
Conc: 44.76 ng/ml



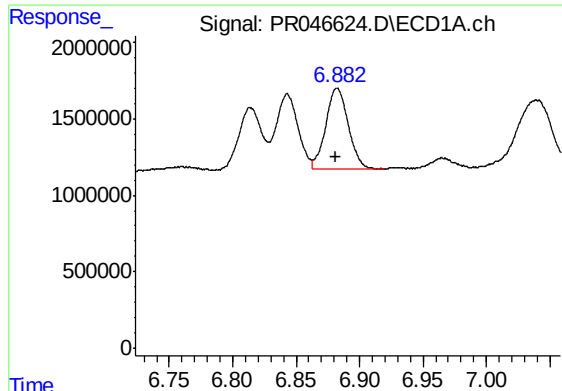
#24 AR-1248-4

R.T.: 6.843 min  
Delta R.T.: 0.000 min  
Response: 5970707  
Conc: 81.96 ng/ml



#24 AR-1248-4

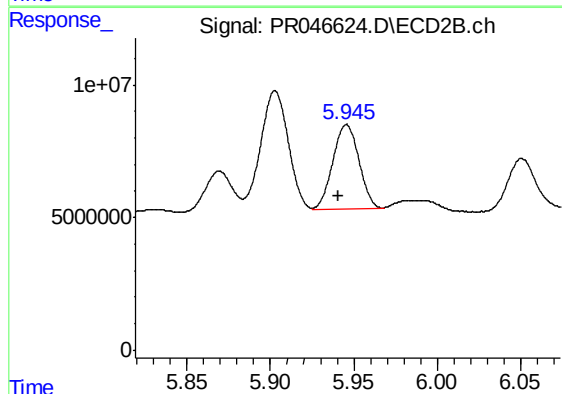
R.T.: 5.548 min  
Delta R.T.: 0.004 min  
Response: 21564199  
Conc: 50.72 ng/ml



#25 AR-1248-5

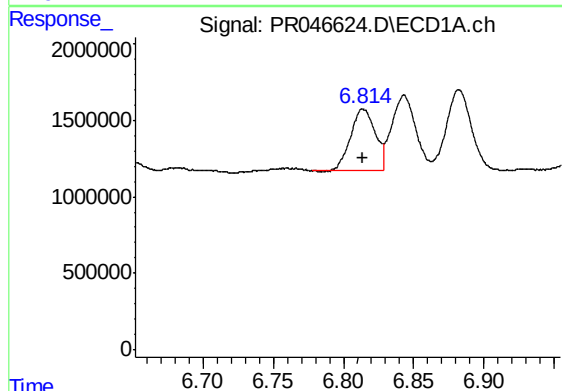
R.T.: 6.882 min  
Delta R.T.: 0.000 min  
Response: 6602042  
Conc: 94.95 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
S-1



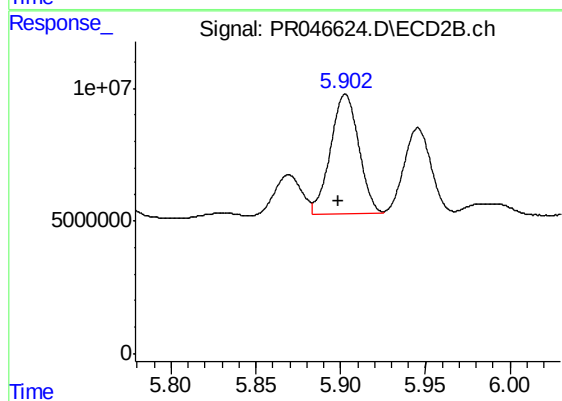
#25 AR-1248-5

R.T.: 5.946 min  
Delta R.T.: 0.005 min  
Response: 34715871  
Conc: 76.55 ng/ml



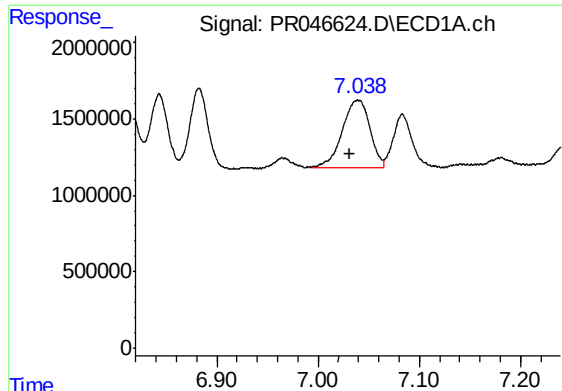
#26 AR-1254-1

R.T.: 6.814 min  
Delta R.T.: 0.000 min  
Response: 4935147  
Conc: 63.32 ng/ml



#26 AR-1254-1

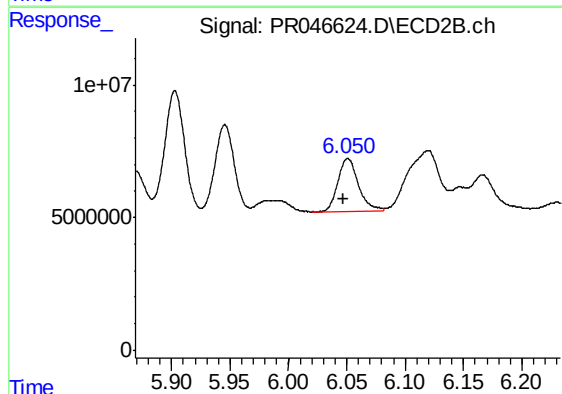
R.T.: 5.903 min  
Delta R.T.: 0.004 min  
Response: 52636629  
Conc: 70.29 ng/ml



#27 AR-1254-2

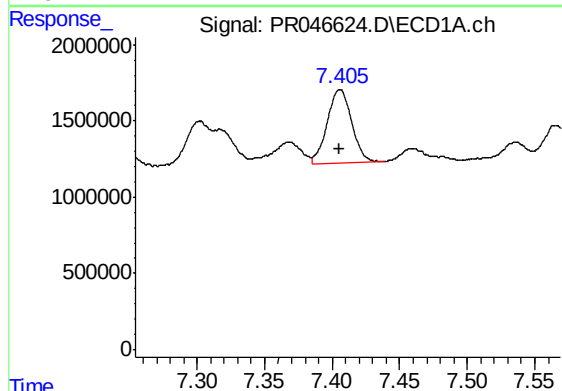
R.T.: 7.039 min  
Delta R.T.: 0.008 min  
Response: 8336615  
Conc: 66.88 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
S-1



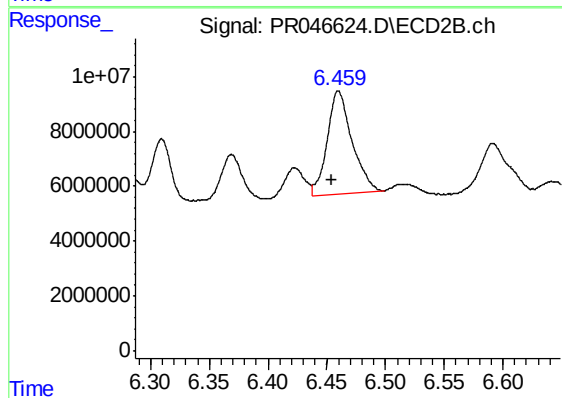
#27 AR-1254-2

R.T.: 6.051 min  
Delta R.T.: 0.004 min  
Response: 24669489  
Conc: 36.86 ng/ml



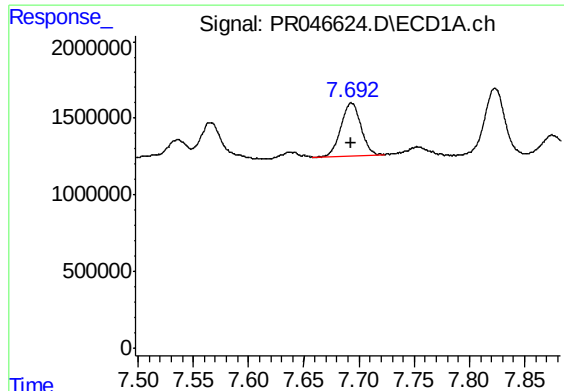
#28 AR-1254-3

R.T.: 7.406 min  
Delta R.T.: 0.000 min  
Response: 6069863  
Conc: 44.20 ng/ml



#28 AR-1254-3

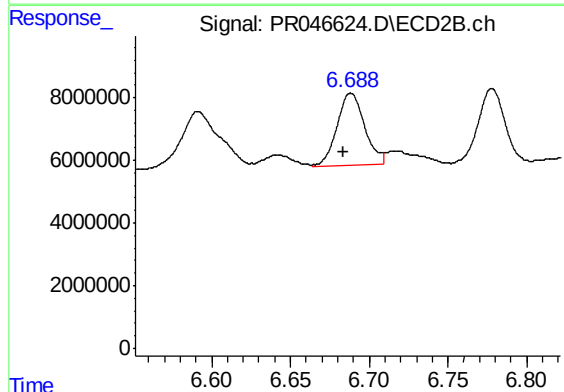
R.T.: 6.460 min  
Delta R.T.: 0.005 min  
Response: 55102561  
Conc: 46.72 ng/ml



#29 AR-1254-4

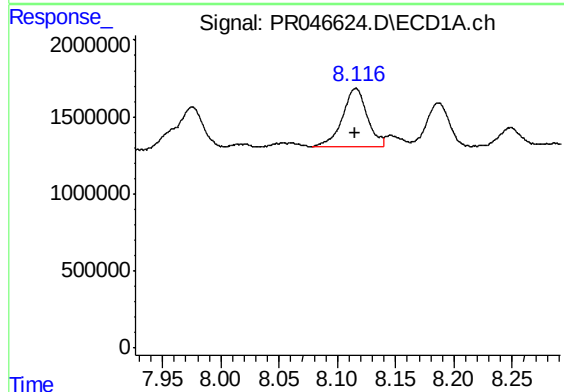
R.T.: 7.693 min  
Delta R.T.: 0.000 min  
Response: 4285102  
Conc: 40.47 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
S-1



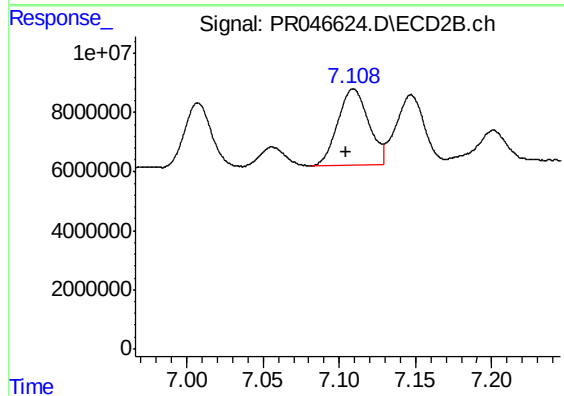
#29 AR-1254-4

R.T.: 6.688 min  
Delta R.T.: 0.005 min  
Response: 28063833  
Conc: 35.53 ng/ml



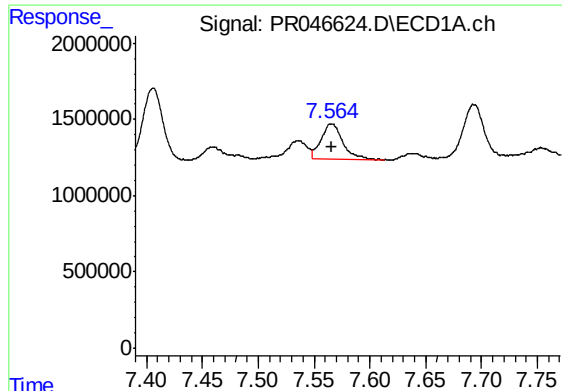
#30 AR-1254-5

R.T.: 8.116 min  
Delta R.T.: 0.001 min  
Response: 5625570  
Conc: 49.49 ng/ml



#30 AR-1254-5

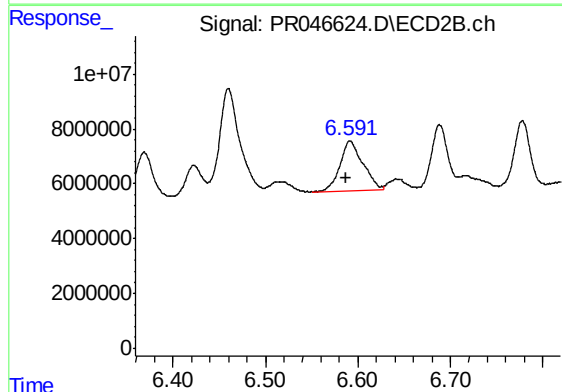
R.T.: 7.109 min  
Delta R.T.: 0.004 min  
Response: 35892706  
Conc: 33.59 ng/ml



#31 AR-1260-1

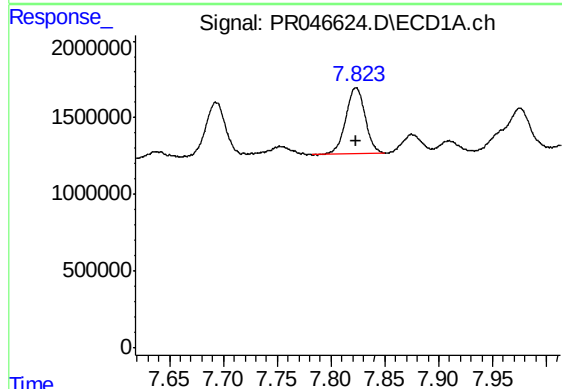
R.T.: 7.565 min  
Delta R.T.: -0.001 min  
Response: 3171969  
Conc: 32.24 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
S-1



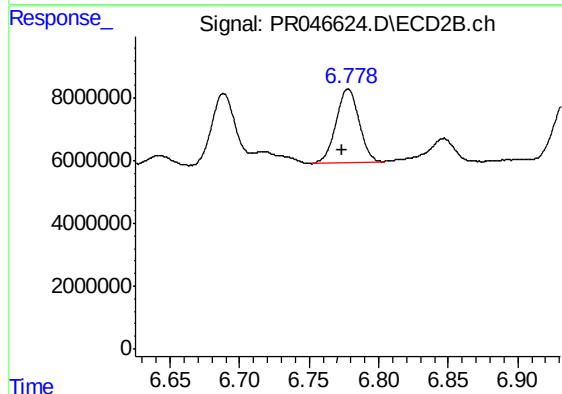
#31 AR-1260-1

R.T.: 6.591 min  
Delta R.T.: 0.005 min  
Response: 31385520  
Conc: 40.77 ng/ml



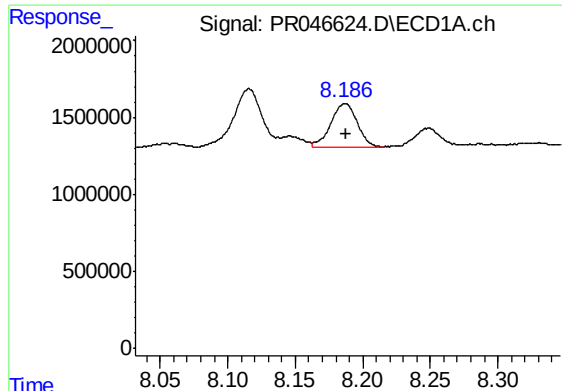
#32 AR-1260-2

R.T.: 7.823 min  
Delta R.T.: 0.000 min  
Response: 5436174  
Conc: 45.27 ng/ml



#32 AR-1260-2

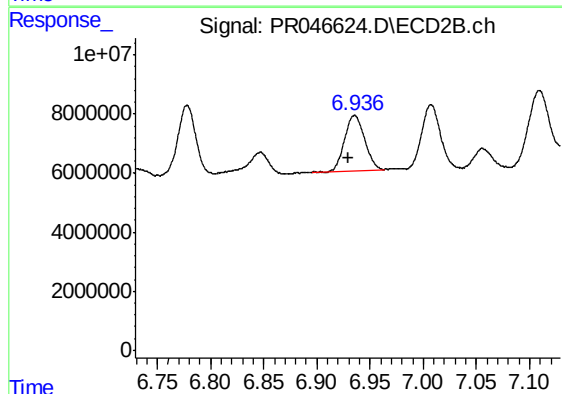
R.T.: 6.778 min  
Delta R.T.: 0.004 min  
Response: 27010509  
Conc: 27.87 ng/ml



#33 AR-1260-3

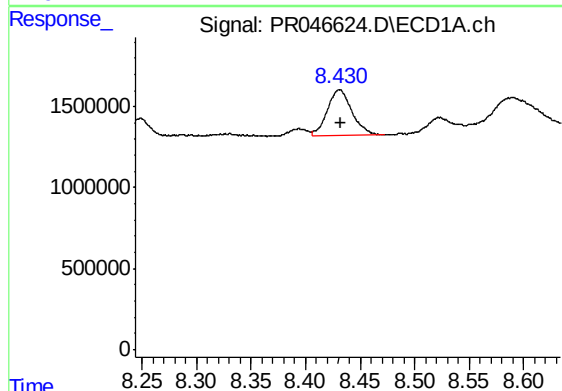
R.T.: 8.187 min  
Delta R.T.: 0.000 min  
Response: 3821736  
Conc: 42.08 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
S-1



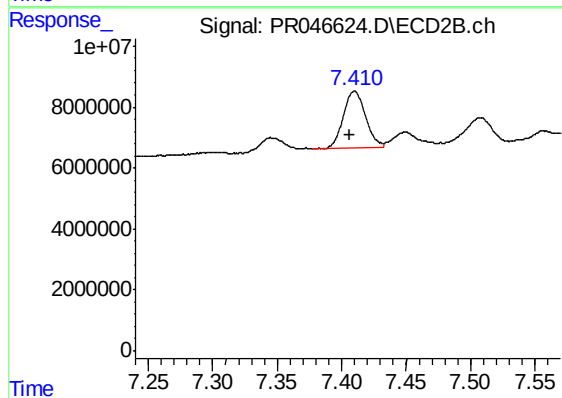
#33 AR-1260-3

R.T.: 6.935 min  
Delta R.T.: 0.005 min  
Response: 24300690  
Conc: 27.28 ng/ml



#34 AR-1260-4

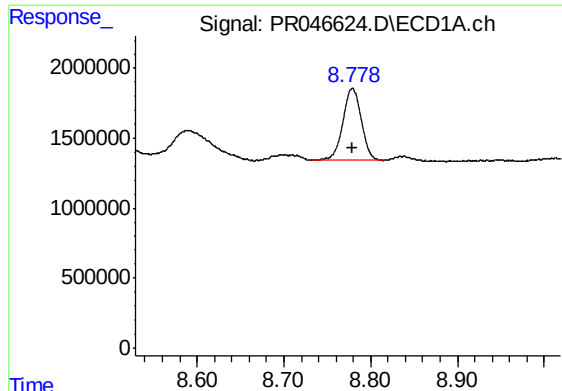
R.T.: 8.431 min  
Delta R.T.: 0.000 min  
Response: 4376339  
Conc: 41.78 ng/ml



#34 AR-1260-4

R.T.: 7.410 min  
Delta R.T.: 0.004 min  
Response: 22271689  
Conc: 30.05 ng/ml

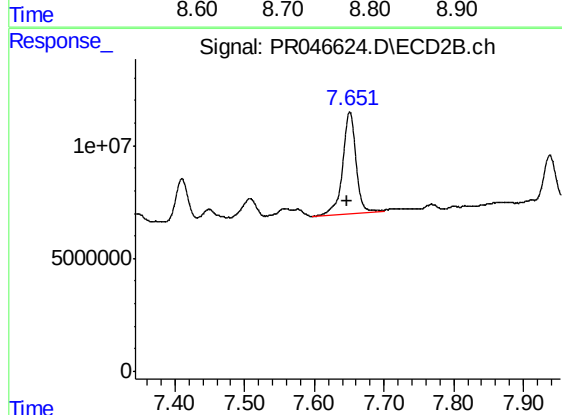




#35 AR-1260-5

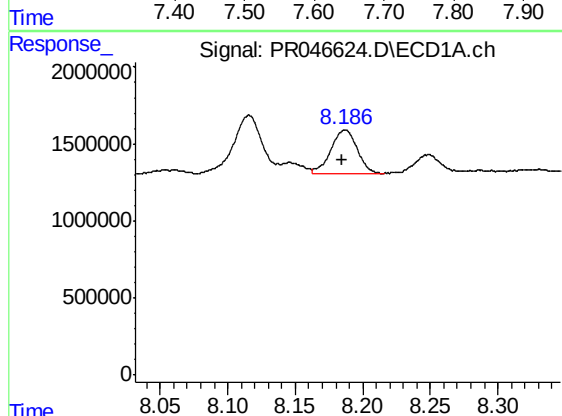
R.T.: 8.779 min  
Delta R.T.: 0.000 min  
Response: 7575705  
Conc: 33.67 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
S-1



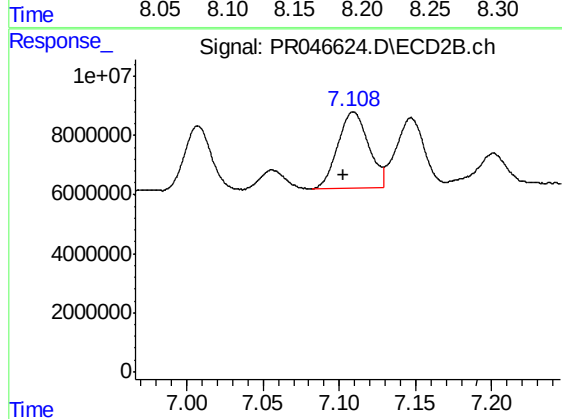
#35 AR-1260-5

R.T.: 7.651 min  
Delta R.T.: 0.004 min  
Response: 59725449  
Conc: 31.68 ng/ml



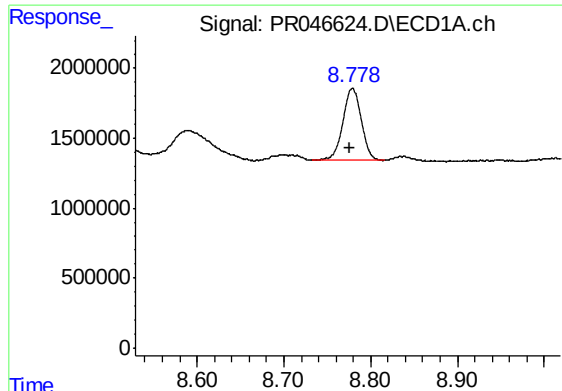
#36 AR-1262-1

R.T.: 8.187 min  
Delta R.T.: 0.002 min  
Response: 3821736  
Conc: 31.01 ng/ml



#36 AR-1262-1

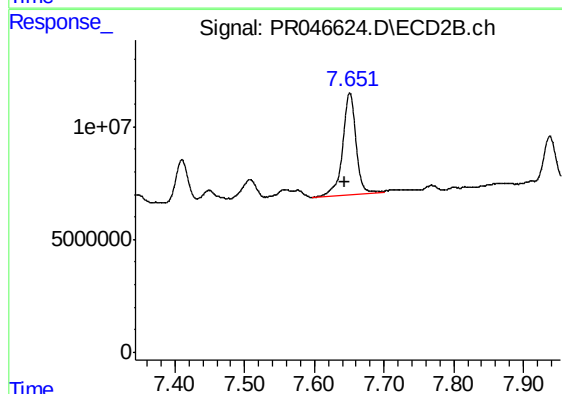
R.T.: 7.109 min  
Delta R.T.: 0.007 min  
Response: 35892706  
Conc: 67.83 ng/ml



#37 AR-1262-2

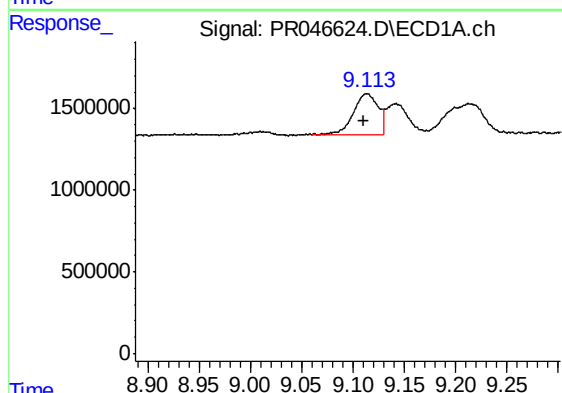
R.T.: 8.779 min  
Delta R.T.: 0.003 min  
Response: 7575705  
Conc: 31.84 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
S-1



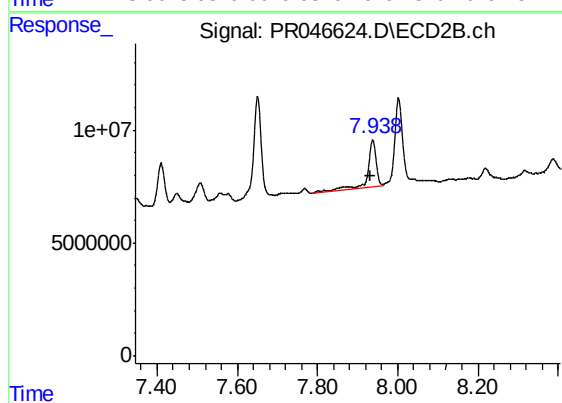
#37 AR-1262-2

R.T.: 7.651 min  
Delta R.T.: 0.007 min  
Response: 59725449  
Conc: 29.14 ng/ml



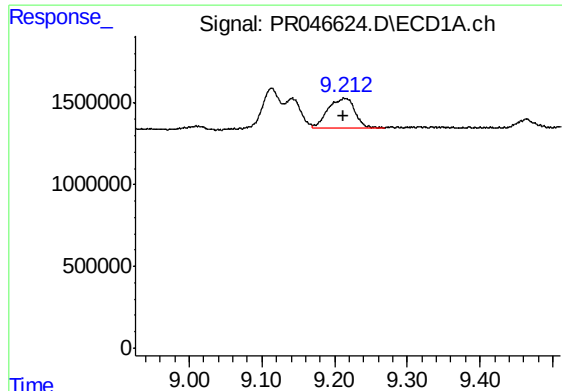
#38 AR-1262-3

R.T.: 9.113 min  
Delta R.T.: 0.003 min  
Response: 4087674  
Conc: 39.43 ng/ml



#38 AR-1262-3

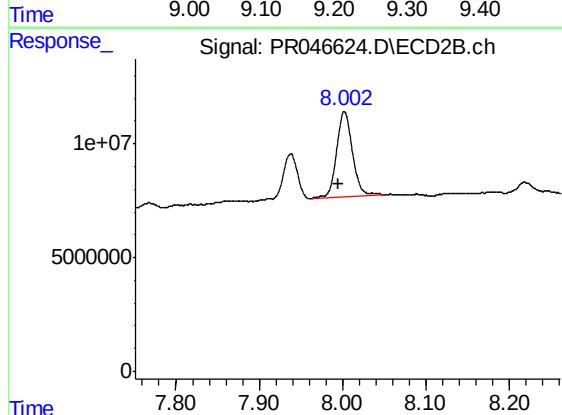
R.T.: 7.938 min  
Delta R.T.: 0.007 min  
Response: 30530326  
Conc: 37.56 ng/ml



#39 AR-1262-4

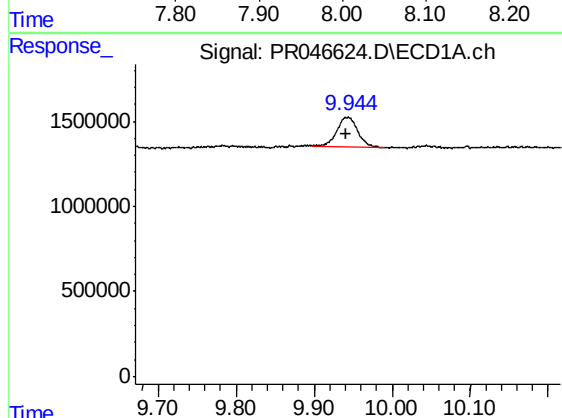
R.T.: 9.214 min  
Delta R.T.: 0.000 min  
Response: 4845745  
Conc: 39.60 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
S-1



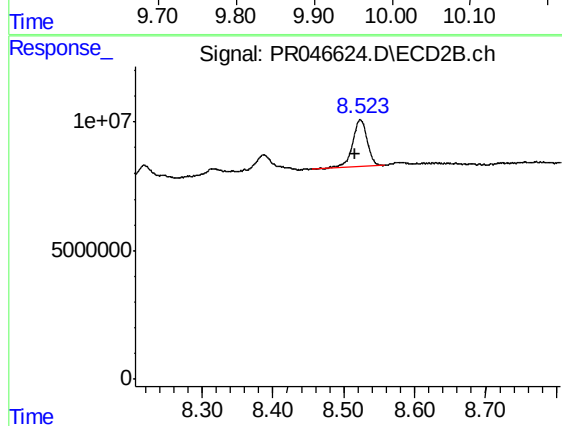
#39 AR-1262-4

R.T.: 8.002 min  
Delta R.T.: 0.007 min  
Response: 50221044  
Conc: 34.71 ng/ml



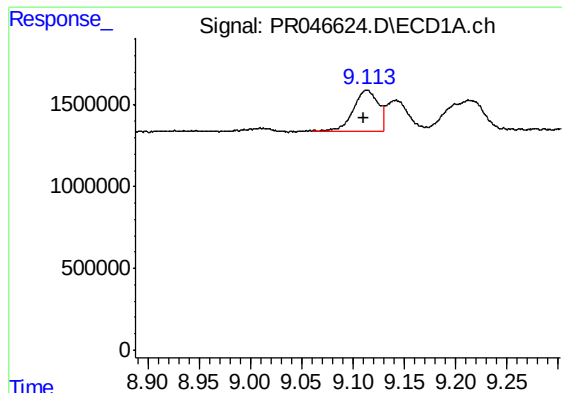
#40 AR-1262-5

R.T.: 9.943 min  
Delta R.T.: 0.003 min  
Response: 3166024  
Conc: 34.41 ng/ml



#40 AR-1262-5

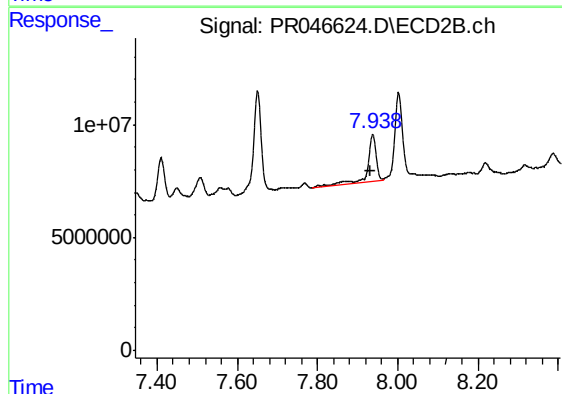
R.T.: 8.523 min  
Delta R.T.: 0.008 min  
Response: 26150044  
Conc: 38.48 ng/ml



#41 AR-1268-1

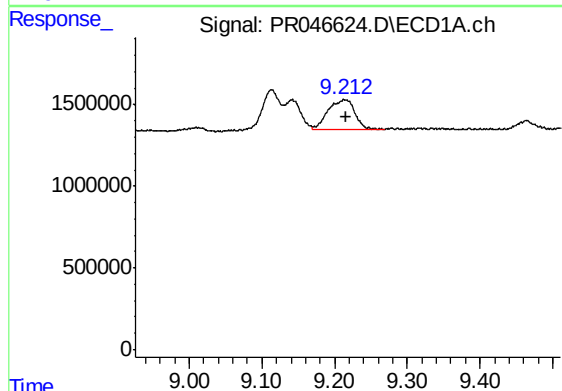
R.T.: 9.113 min  
Delta R.T.: 0.003 min  
Response: 4087674  
Conc: 14.08 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
S-1



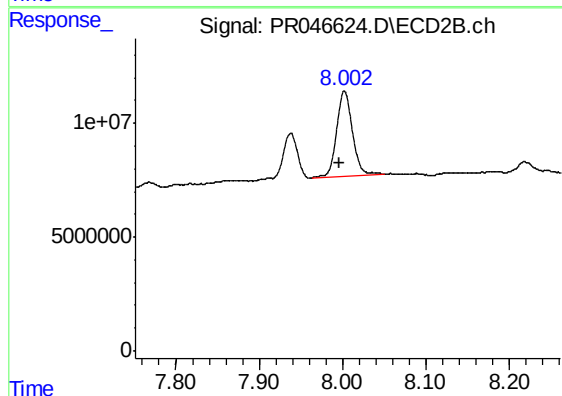
#41 AR-1268-1

R.T.: 7.938 min  
Delta R.T.: 0.007 min  
Response: 30530326  
Conc: 13.06 ng/ml



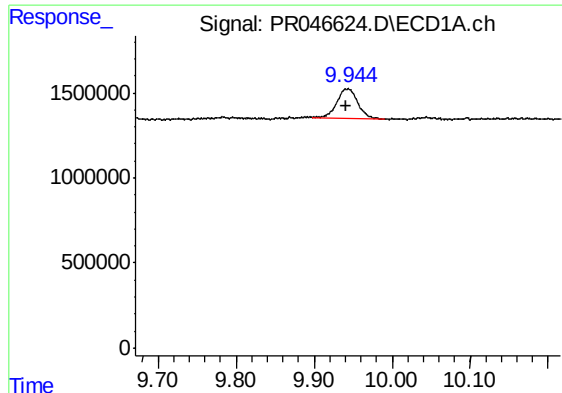
#42 AR-1268-2

R.T.: 9.214 min  
Delta R.T.: -0.002 min  
Response: 4845745  
Conc: 17.92 ng/ml



#42 AR-1268-2

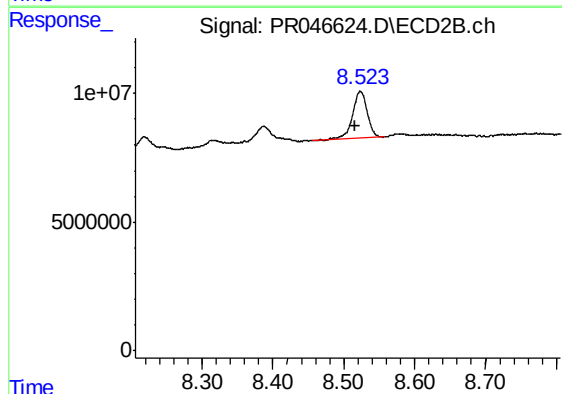
R.T.: 8.002 min  
Delta R.T.: 0.006 min  
Response: 50221044  
Conc: 22.71 ng/ml



#44 AR-1268-4

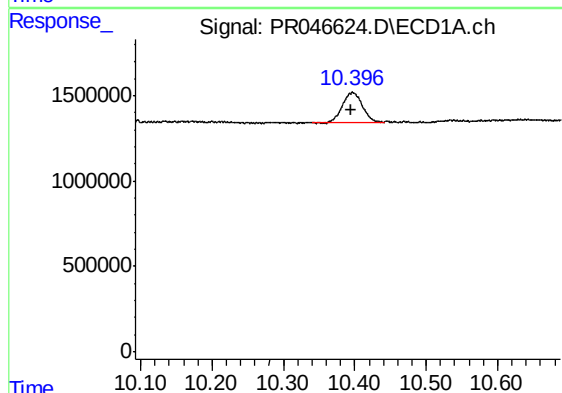
R.T.: 9.943 min  
Delta R.T.: 0.003 min  
Response: 3166024  
Conc: 30.39 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
S-1



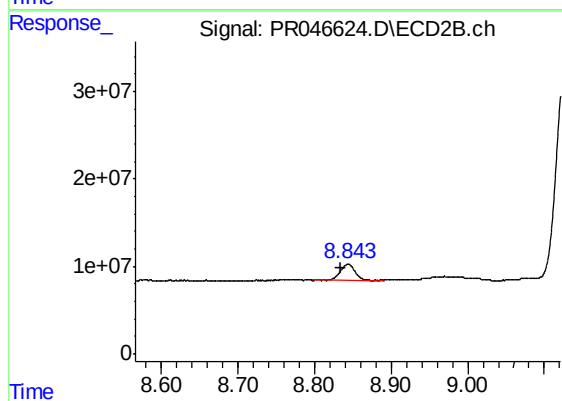
#44 AR-1268-4

R.T.: 8.523 min  
Delta R.T.: 0.008 min  
Response: 26150044  
Conc: 34.06 ng/ml



#45 AR-1268-5

R.T.: 10.397 min  
Delta R.T.: 0.003 min  
Response: 3429392  
Conc: 4.26 ng/ml



#45 AR-1268-5

R.T.: 8.844 min  
Delta R.T.: 0.010 min  
Response: 24097252  
Conc: 4.34 ng/ml