

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO121919\  
 Data File : PO064803.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 19 Dec 2019 17:23  
 Operator : SM/AJ  
 Sample : K6370-01  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 19 17:40:23 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO121319.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Dec 13 08:19:24 2019  
 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... | 4.185 | 3.459 | 505250  | 573450  | 20.754   | 22.622     |
| 2)                          | SA Decachlor... | 9.705 | 8.378 | 4333816 | 5403239 | 141.211  | 155.585    |
|                             |                 |       |       |         |         |          |            |
| Target Compounds            |                 |       |       |         |         |          |            |
| 10)                         | L2 AR-1221-3    | 0.000 | 3.883 | 0       | 109379  | N.D.     | 154.809 #  |
| 11)                         | L3 AR-1232-1    | 0.000 | 3.883 | 0       | 109379  | N.D.     | 97.833 #   |
| 20)                         | L4 AR-1242-5    | 6.265 | 0.000 | 24573   | 0       | 35.260   | N.D. #     |
| 24)                         | L5 AR-1248-4    | 6.180 | 0.000 | 24654   | 0       | 18.905   | N.D. #     |
| 25)                         | L5 AR-1248-5    | 6.265 | 0.000 | 24573   | 0       | 19.748   | N.D. #     |
| 26)                         | L6 AR-1254-1    | 6.180 | 0.000 | 24654   | 0       | 19.359   | N.D. #     |
| 27)                         | L6 AR-1254-2    | 6.399 | 0.000 | 25316   | 0       | 12.171   | N.D. #     |
| 28)                         | L6 AR-1254-3    | 6.761 | 5.860 | 39396   | 71130   | 16.499   | 22.898 #   |
| 29)                         | L6 AR-1254-4    | 7.011 | 6.054 | 685943  | 873423  | 366.826  | 425.224    |
| 30)                         | L6 AR-1254-5    | 7.453 | 6.480 | 62059   | 1130949 | 29.496   | 378.892 #  |
| 31)                         | L7 AR-1260-1    | 6.919 | 5.988 | 81631   | 113823  | 53.135   | 61.643     |
| 32)                         | L7 AR-1260-2    | 7.167 | 6.187 | 1624866 | 2138219 | 823.134  | 919.029    |
| 33)                         | L7 AR-1260-3    | 7.532 | 6.308 | 58812   | 149099  | 39.140   | 70.419 #   |
| 34)                         | L7 AR-1260-4    | 7.775 | 6.791 | 294036  | 346070  | 159.178  | 183.699    |
| 35)                         | L7 AR-1260-5    | 8.020 | 7.035 | 4210178 | 514656  | 1128.218 | 109.734 #  |
| 36)                         | L8 AR-1262-1    | 7.532 | 6.600 | 58812   | 2112406 | 25.576   | 1841.277 # |
| 37)                         | L8 AR-1262-2    | 8.020 | 7.035 | 4210178 | 514656  | 969.947  | 94.185 #   |
| 38)                         | L8 AR-1262-3    | 8.347 | 7.317 | 1222791 | 1844803 | 420.205  | 885.727 #  |
| 39)                         | L8 AR-1262-4    | 8.414 | 7.379 | 464568  | 1090765 | 214.648  | 273.988 #  |
| 40)                         | L8 AR-1262-5    | 9.032 | 7.872 | 108757  | 9843    | 74.144   | 5.645 #    |
| 41)                         | L9 AR-1268-1    | 8.347 | 7.317 | 1222791 | 1844803 | 236.605  | 288.497    |
| 42)                         | L9 AR-1268-2    | 8.414 | 7.379 | 464568  | 1090765 | 98.793   | 187.145 #  |
| 43)                         | L9 AR-1268-3    | 8.640 | 7.583 | 3151911 | 5510532 | 817.630  | 1153.644 # |
| 44)                         | L9 AR-1268-4    | 9.032 | 7.872 | 108757  | 9843    | 64.690   | 4.890 #    |
| 45)                         | L9 AR-1268-5    | 9.404 | 8.144 | 7187792 | 9116158 | 605.705  | 630.165    |
| -----                       |                 |       |       |         |         |          |            |

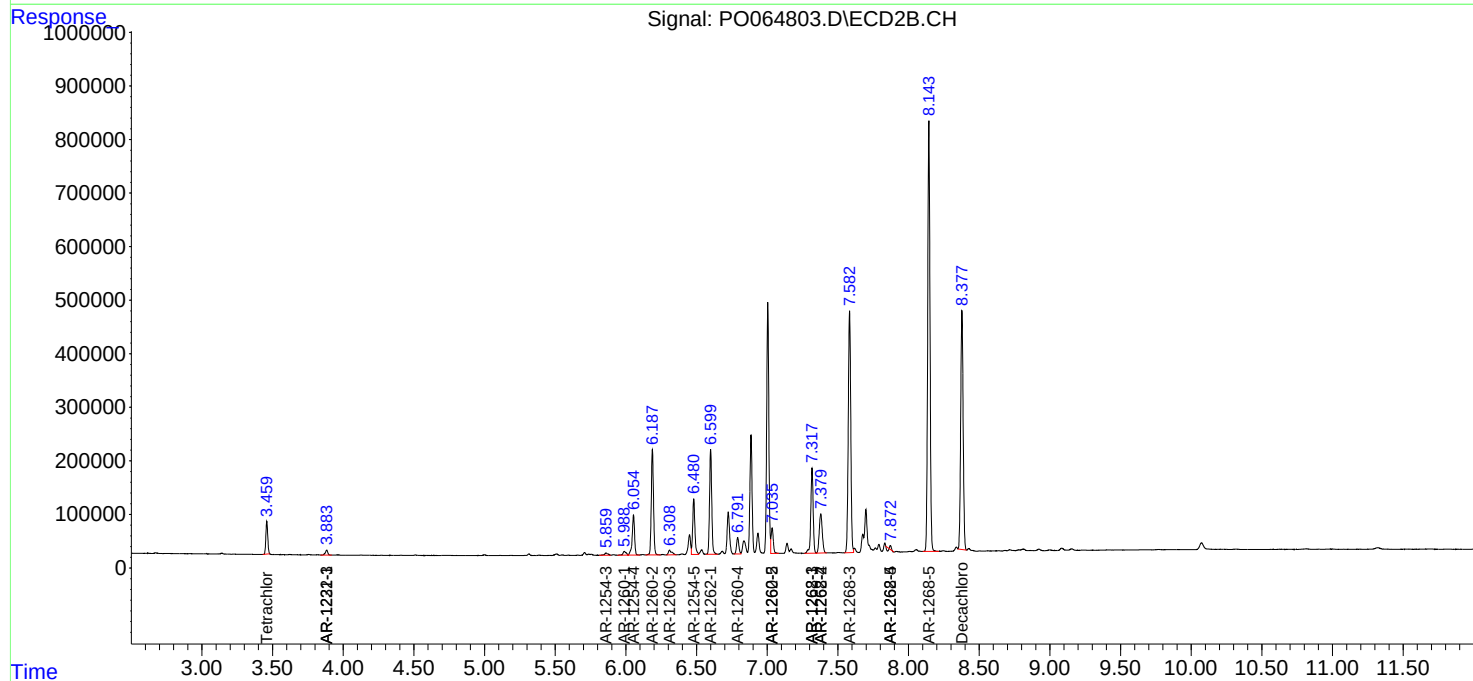
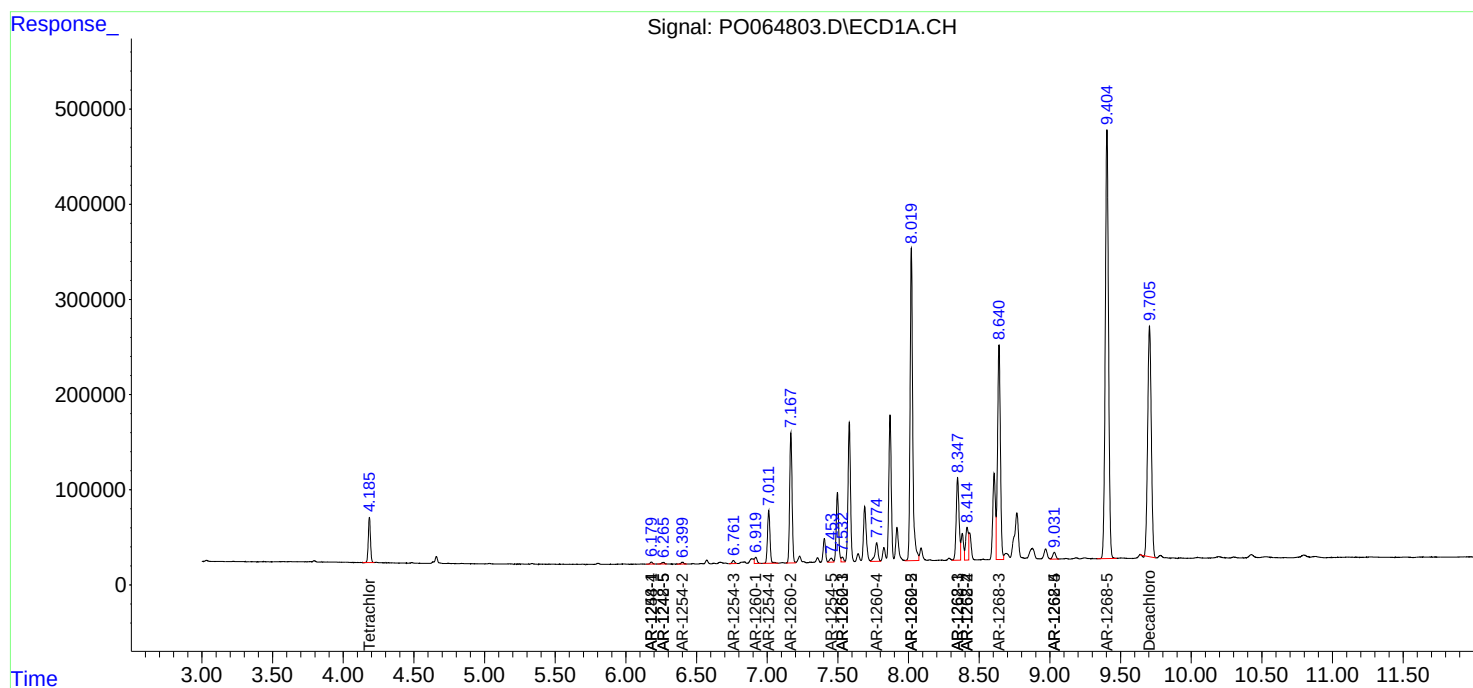
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

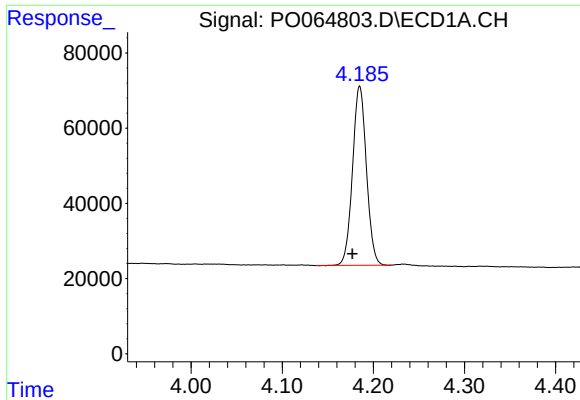
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO121919\  
Data File : P0064803.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 19 Dec 2019 17:23  
Operator : SM/AJ  
Sample : K6370-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 19 17:40:23 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO121319.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Dec 13 08:19:24 2019  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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

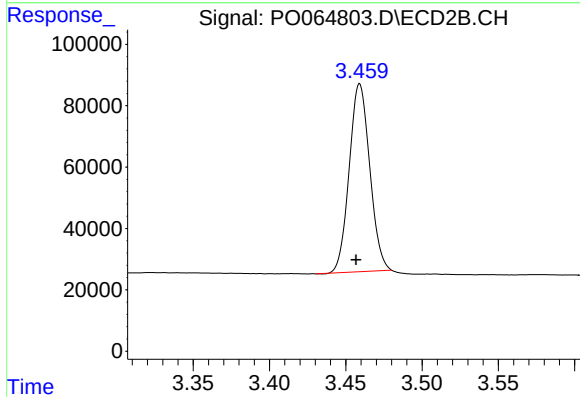




#1 Tetrachloro-m-xylene

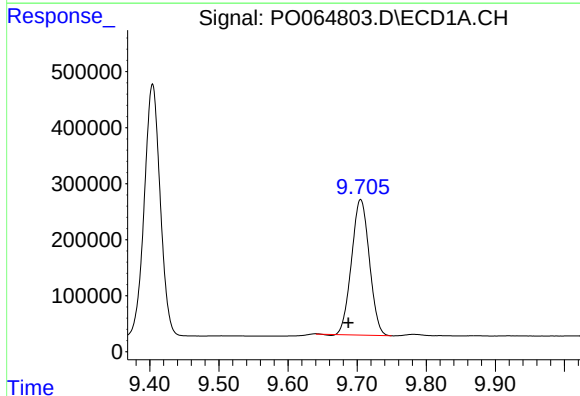
R.T.: 4.185 min  
Delta R.T.: 0.008 min  
Response: 505250  
Conc: 20.75 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



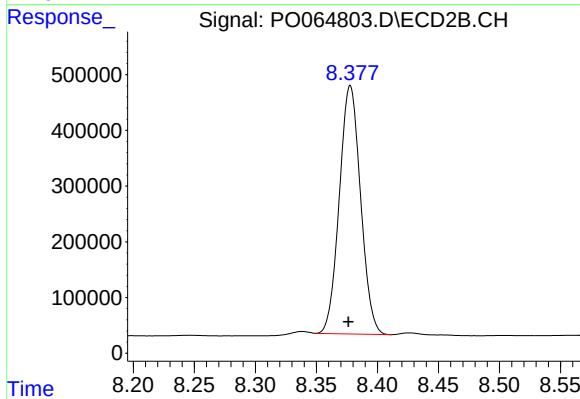
#1 Tetrachloro-m-xylene

R.T.: 3.459 min  
Delta R.T.: 0.003 min  
Response: 573450  
Conc: 22.62 ng/ml



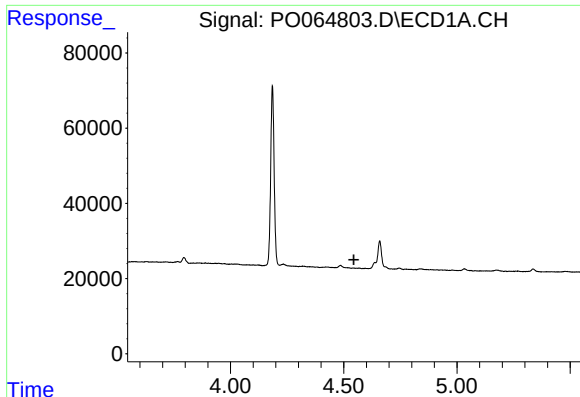
#2 Decachlorobiphenyl

R.T.: 9.705 min  
Delta R.T.: 0.018 min  
Response: 4333816  
Conc: 141.21 ng/ml



#2 Decachlorobiphenyl

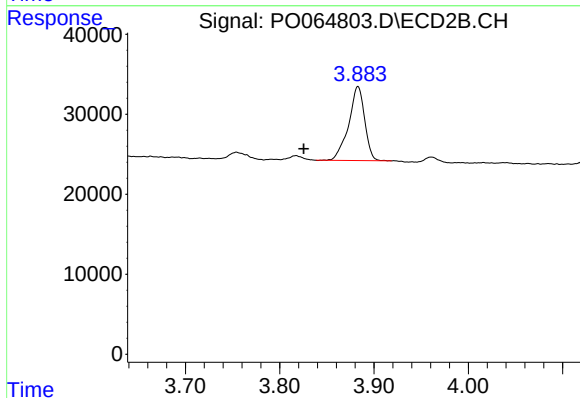
R.T.: 8.378 min  
Delta R.T.: 0.002 min  
Response: 5403239  
Conc: 155.59 ng/ml



#10 AR-1221-3

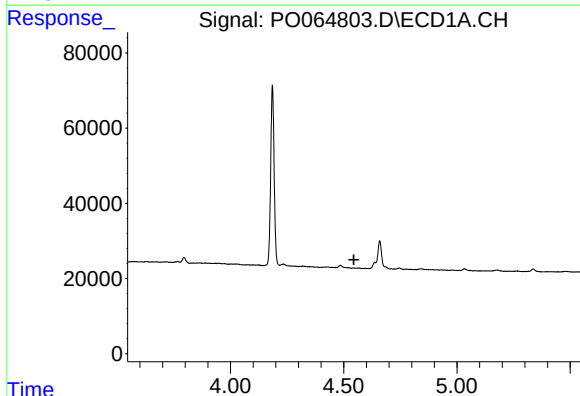
R.T.: 0.000 min  
Exp R.T. : 4.545 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



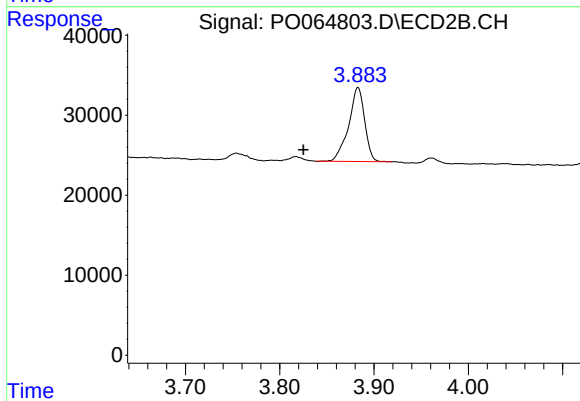
#10 AR-1221-3

R.T.: 3.883 min  
Delta R.T.: 0.058 min  
Response: 109379  
Conc: 154.81 ng/ml



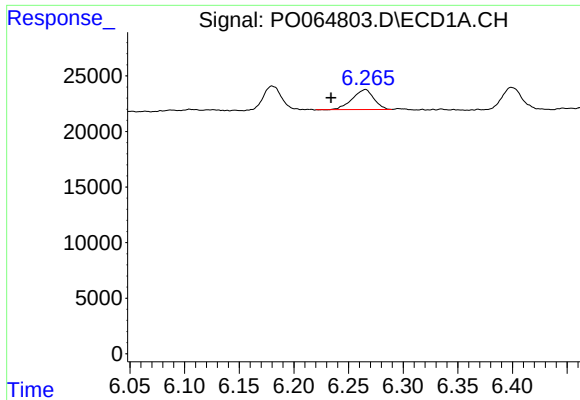
#11 AR-1232-1

R.T.: 0.000 min  
Exp R.T. : 4.545 min  
Response: 0  
Conc: N.D.



#11 AR-1232-1

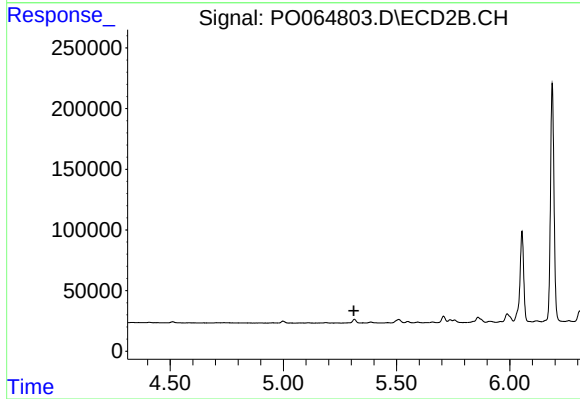
R.T.: 3.883 min  
Delta R.T.: 0.058 min  
Response: 109379  
Conc: 97.83 ng/ml



#20 AR-1242-5

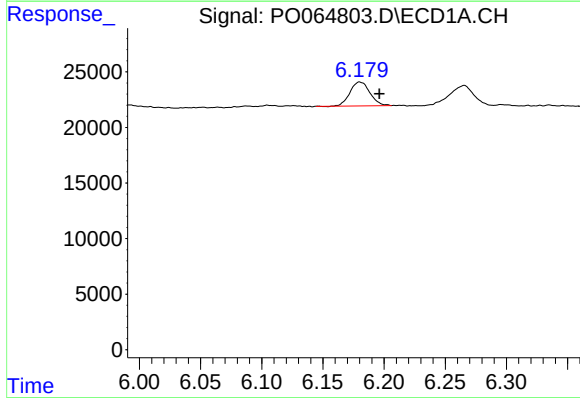
R.T.: 6.265 min  
Delta R.T.: 0.031 min  
Response: 24573  
Conc: 35.26 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



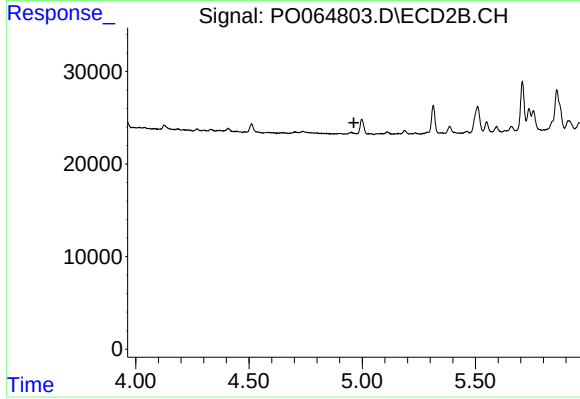
#20 AR-1242-5

R.T.: 0.000 min  
Exp R.T. : 5.312 min  
Response: 0  
Conc: N.D.



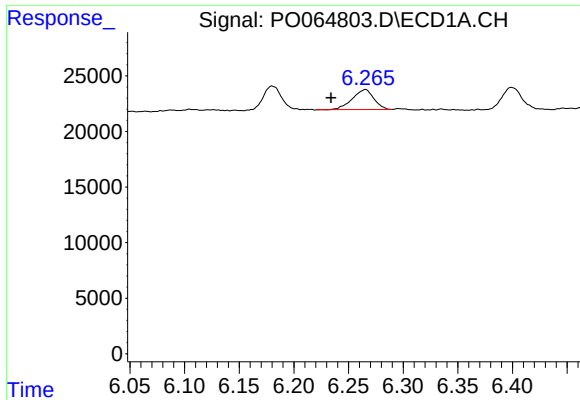
#24 AR-1248-4

R.T.: 6.180 min  
Delta R.T.: -0.016 min  
Response: 24654  
Conc: 18.91 ng/ml



#24 AR-1248-4

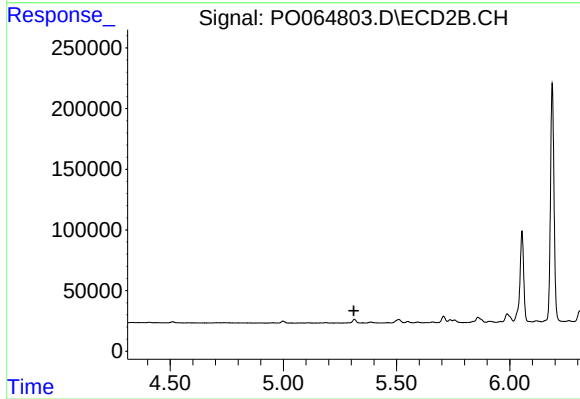
R.T.: 0.000 min  
Exp R.T. : 4.963 min  
Response: 0  
Conc: N.D.



#25 AR-1248-5

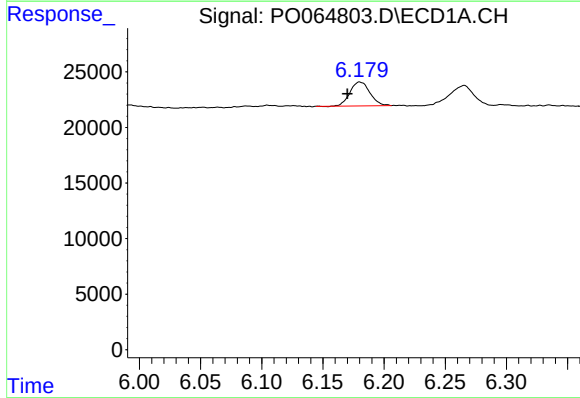
R.T.: 6.265 min  
Delta R.T.: 0.031 min  
Response: 24573  
Conc: 19.75 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



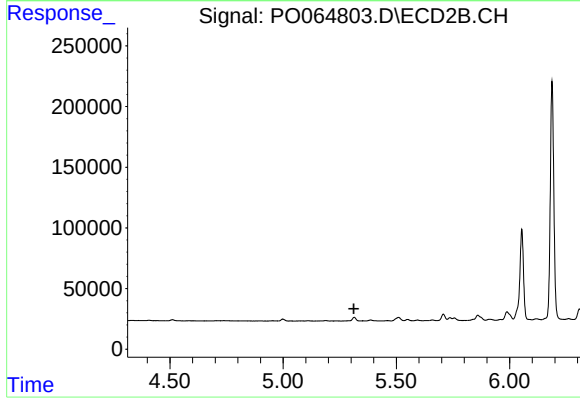
#25 AR-1248-5

R.T.: 0.000 min  
Exp R.T. : 5.311 min  
Response: 0  
Conc: N.D.



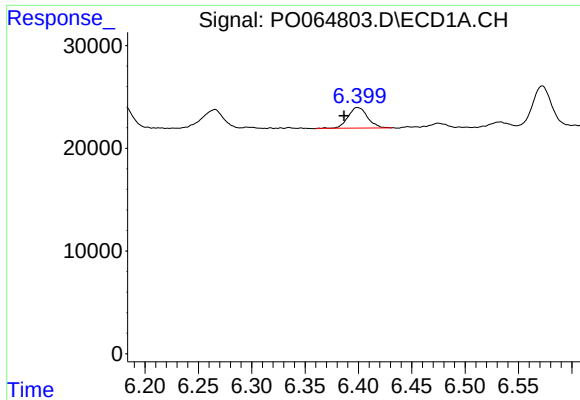
#26 AR-1254-1

R.T.: 6.180 min  
Delta R.T.: 0.010 min  
Response: 24654  
Conc: 19.36 ng/ml



#26 AR-1254-1

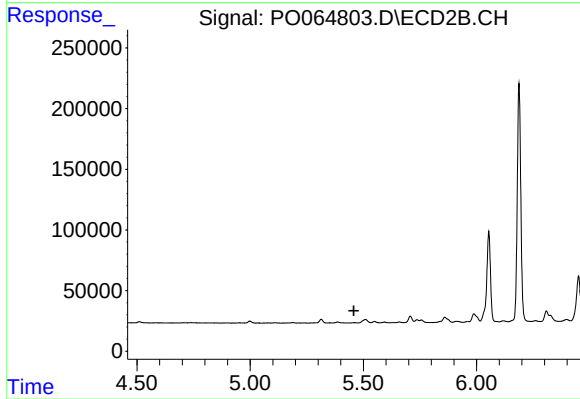
R.T.: 0.000 min  
Exp R.T. : 5.312 min  
Response: 0  
Conc: N.D.



#27 AR-1254-2

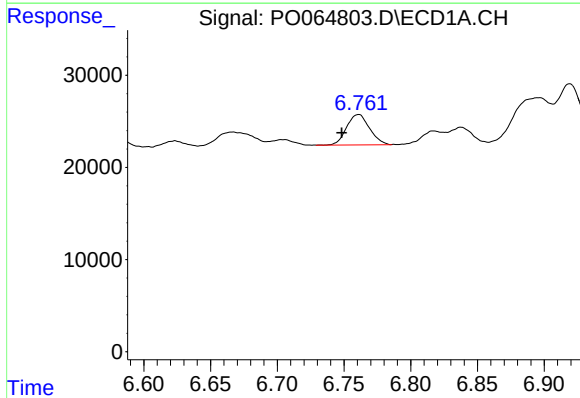
R.T.: 6.399 min  
Delta R.T.: 0.013 min  
Response: 25316  
Conc: 12.17 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



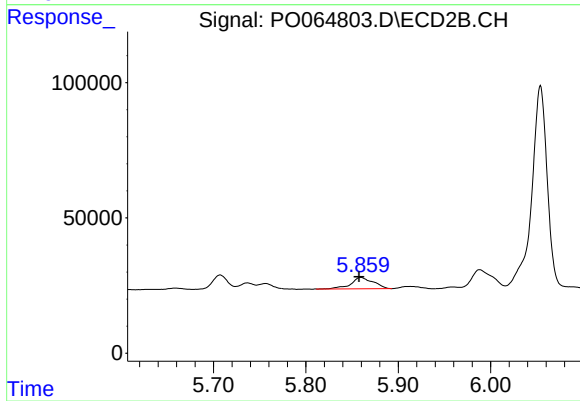
#27 AR-1254-2

R.T.: 0.000 min  
Exp R.T. : 5.459 min  
Response: 0  
Conc: N.D.



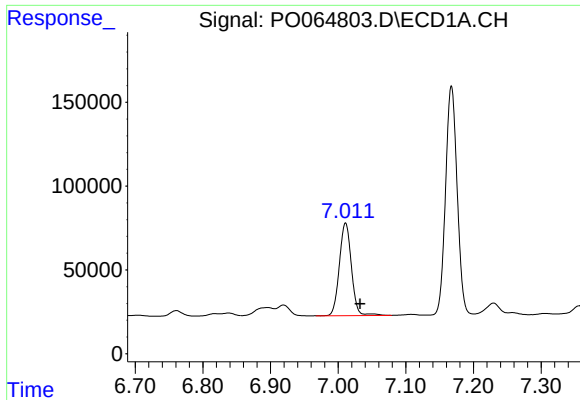
#28 AR-1254-3

R.T.: 6.761 min  
Delta R.T.: 0.013 min  
Response: 39396  
Conc: 16.50 ng/ml



#28 AR-1254-3

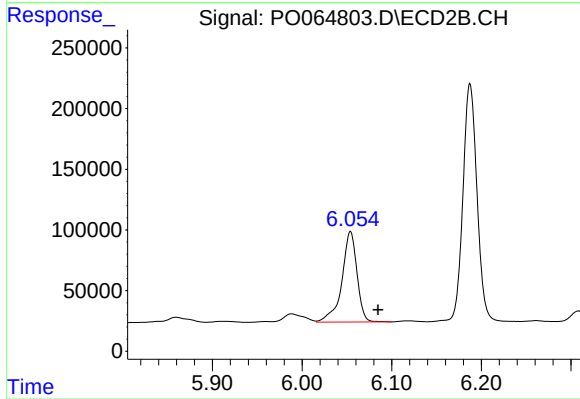
R.T.: 5.860 min  
Delta R.T.: 0.002 min  
Response: 71130  
Conc: 22.90 ng/ml



#29 AR-1254-4

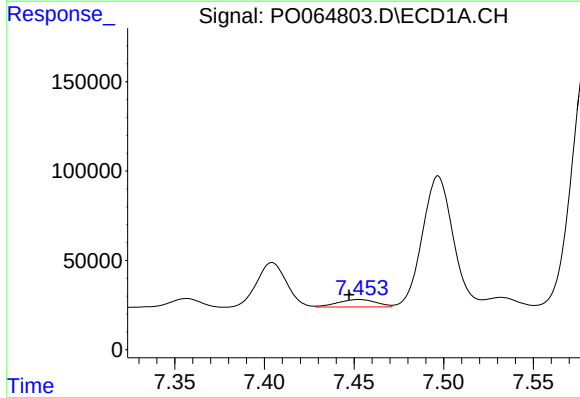
R.T.: 7.011 min  
Delta R.T.: -0.021 min  
Response: 685943  
Conc: 366.83 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



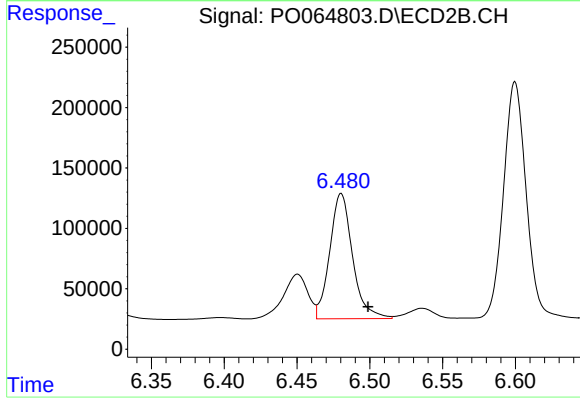
#29 AR-1254-4

R.T.: 6.054 min  
Delta R.T.: -0.031 min  
Response: 873423  
Conc: 425.22 ng/ml



#30 AR-1254-5

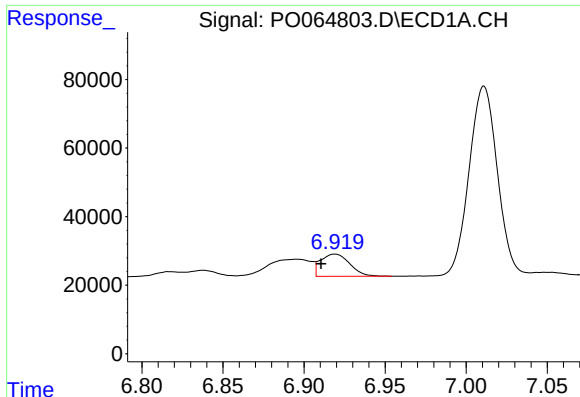
R.T.: 7.453 min  
Delta R.T.: 0.006 min  
Response: 62059  
Conc: 29.50 ng/ml



#30 AR-1254-5

R.T.: 6.480 min  
Delta R.T.: -0.018 min  
Response: 1130949  
Conc: 378.89 ng/ml

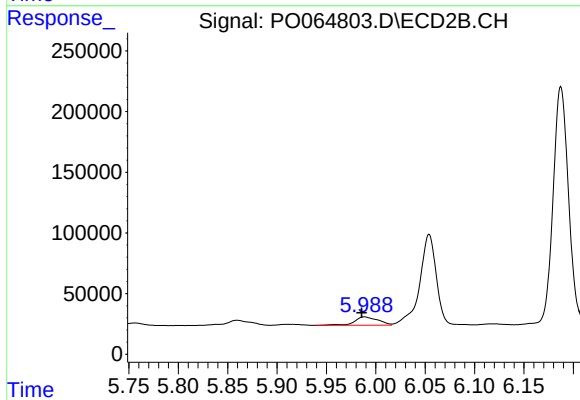




#31 AR-1260-1

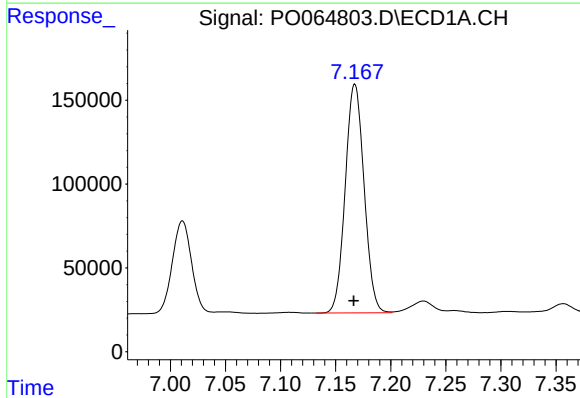
R.T.: 6.919 min  
Delta R.T.: 0.009 min  
Response: 81631  
Conc: 53.13 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



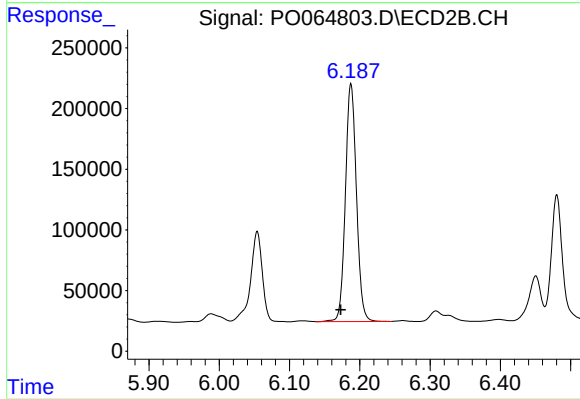
#31 AR-1260-1

R.T.: 5.988 min  
Delta R.T.: 0.002 min  
Response: 113823  
Conc: 61.64 ng/ml



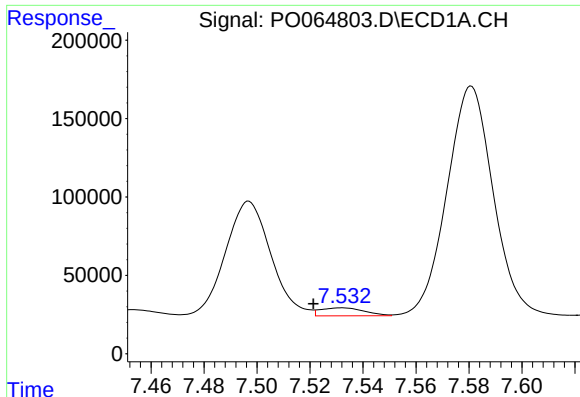
#32 AR-1260-2

R.T.: 7.167 min  
Delta R.T.: 0.000 min  
Response: 1624866  
Conc: 823.13 ng/ml



#32 AR-1260-2

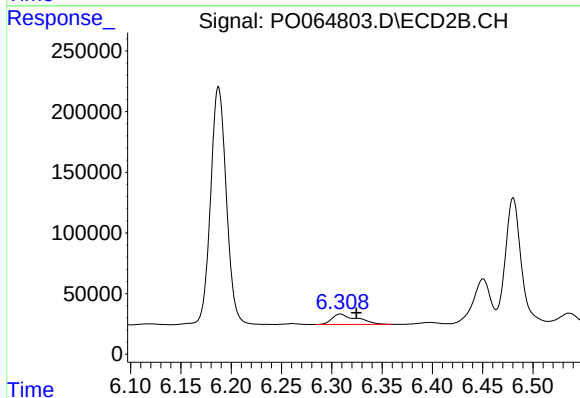
R.T.: 6.187 min  
Delta R.T.: 0.014 min  
Response: 2138219  
Conc: 919.03 ng/ml



#33 AR-1260-3

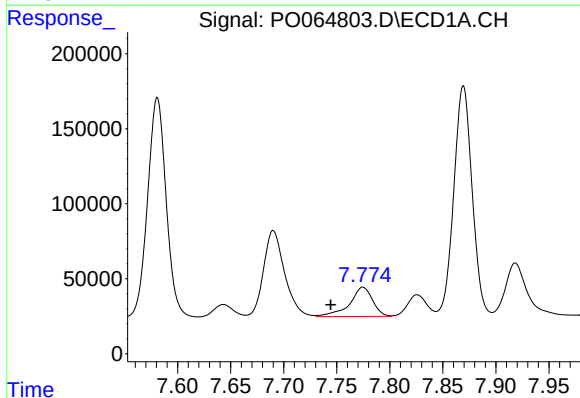
R.T.: 7.532 min  
Delta R.T.: 0.011 min  
Response: 58812  
Conc: 39.14 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



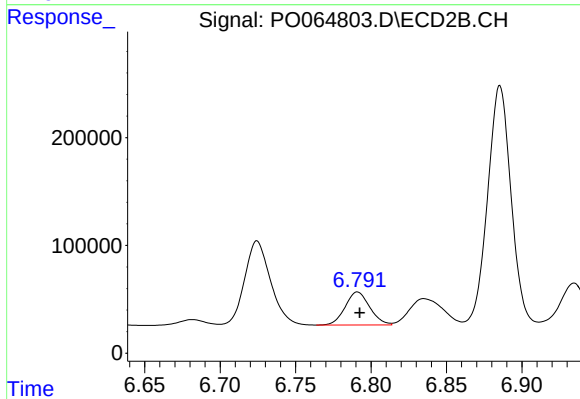
#33 AR-1260-3

R.T.: 6.308 min  
Delta R.T.: -0.016 min  
Response: 149099  
Conc: 70.42 ng/ml



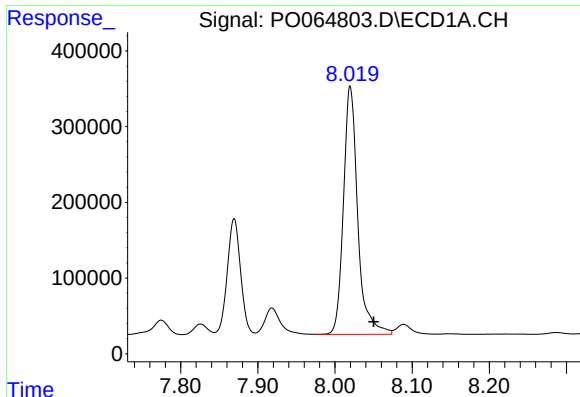
#34 AR-1260-4

R.T.: 7.775 min  
Delta R.T.: 0.030 min  
Response: 294036  
Conc: 159.18 ng/ml



#34 AR-1260-4

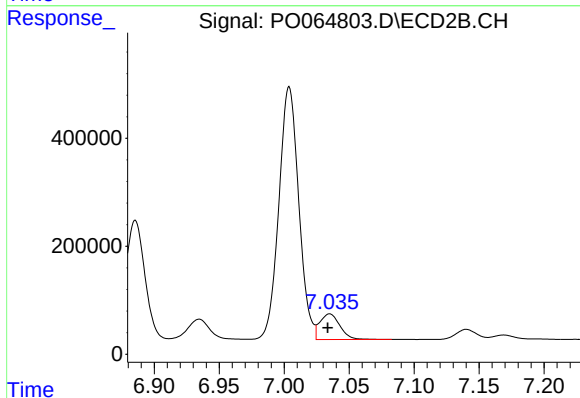
R.T.: 6.791 min  
Delta R.T.: -0.001 min  
Response: 346070  
Conc: 183.70 ng/ml



#35 AR-1260-5

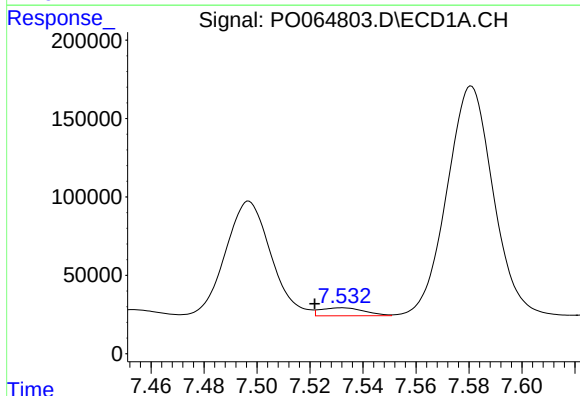
R.T.: 8.020 min  
Delta R.T.: -0.031 min  
Response: 4210178  
Conc: 1128.22 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



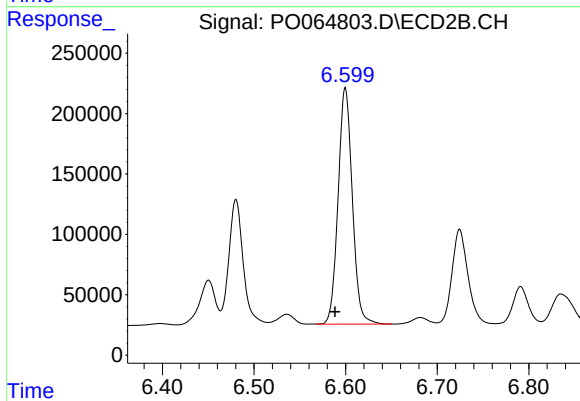
#35 AR-1260-5

R.T.: 7.035 min  
Delta R.T.: 0.002 min  
Response: 514656  
Conc: 109.73 ng/ml



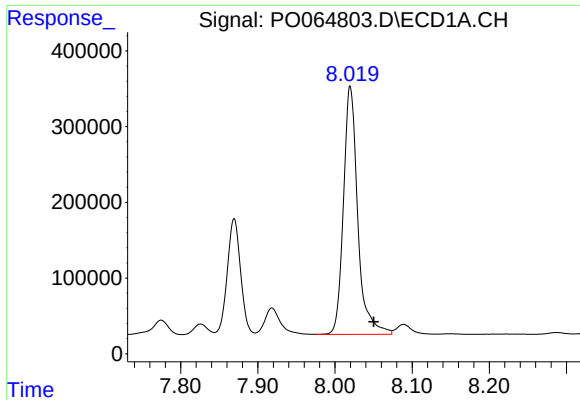
#36 AR-1262-1

R.T.: 7.532 min  
Delta R.T.: 0.010 min  
Response: 58812  
Conc: 25.58 ng/ml



#36 AR-1262-1

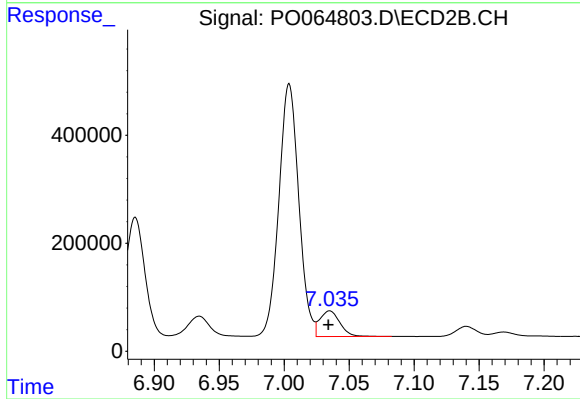
R.T.: 6.600 min  
Delta R.T.: 0.011 min  
Response: 2112406  
Conc: 1841.28 ng/ml



#37 AR-1262-2

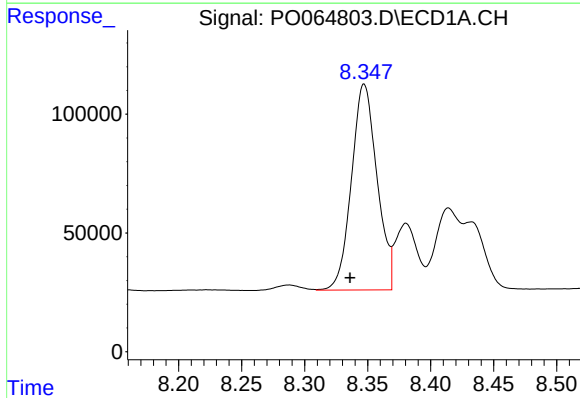
R.T.: 8.020 min  
Delta R.T.: -0.030 min  
Response: 4210178  
Conc: 969.95 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



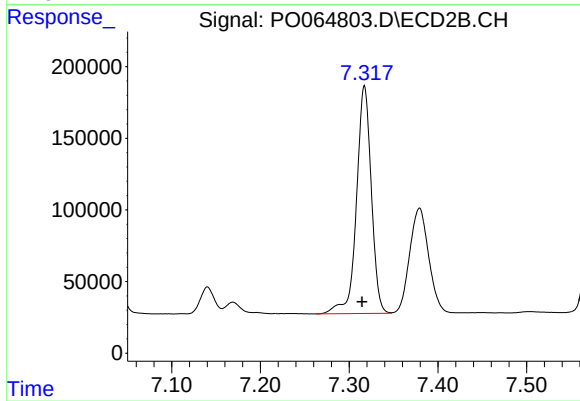
#37 AR-1262-2

R.T.: 7.035 min  
Delta R.T.: 0.001 min  
Response: 514656  
Conc: 94.18 ng/ml



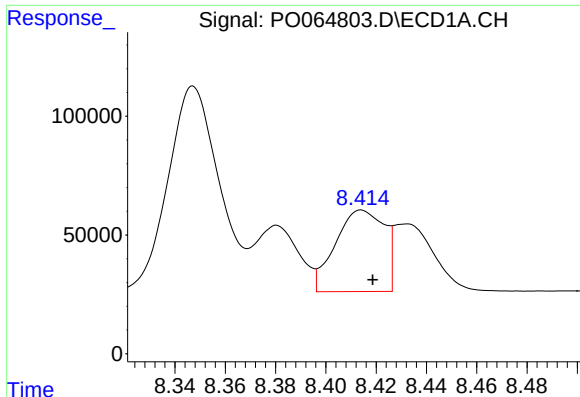
#38 AR-1262-3

R.T.: 8.347 min  
Delta R.T.: 0.011 min  
Response: 1222791  
Conc: 420.20 ng/ml



#38 AR-1262-3

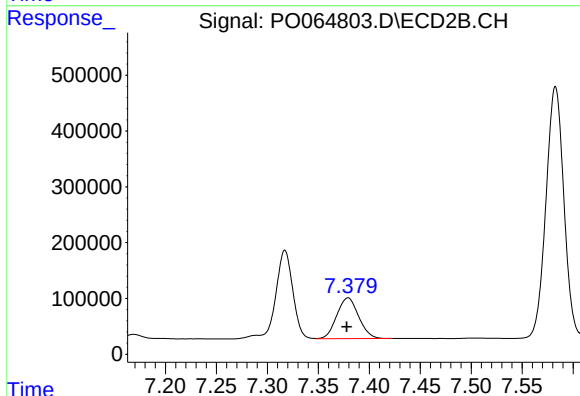
R.T.: 7.317 min  
Delta R.T.: 0.003 min  
Response: 1844803  
Conc: 885.73 ng/ml



#39 AR-1262-4

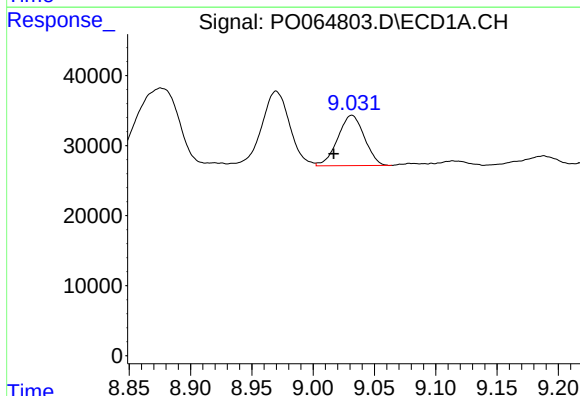
R.T.: 8.414 min  
Delta R.T.: -0.005 min  
Response: 464568  
Conc: 214.65 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



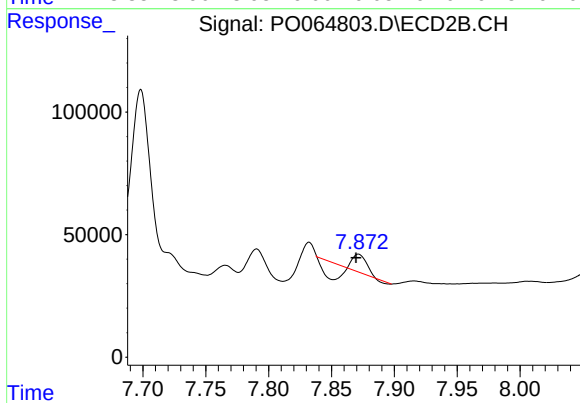
#39 AR-1262-4

R.T.: 7.379 min  
Delta R.T.: 0.001 min  
Response: 1090765  
Conc: 273.99 ng/ml



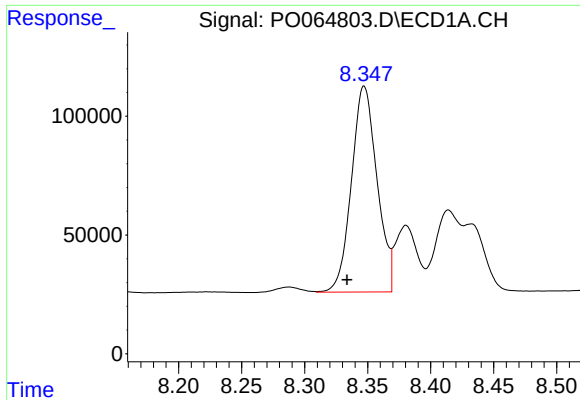
#40 AR-1262-5

R.T.: 9.032 min  
Delta R.T.: 0.015 min  
Response: 108757  
Conc: 74.14 ng/ml



#40 AR-1262-5

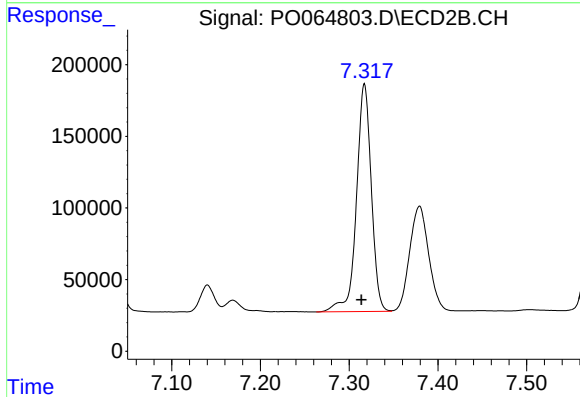
R.T.: 7.872 min  
Delta R.T.: 0.002 min  
Response: 9843  
Conc: 5.65 ng/ml



#41 AR-1268-1

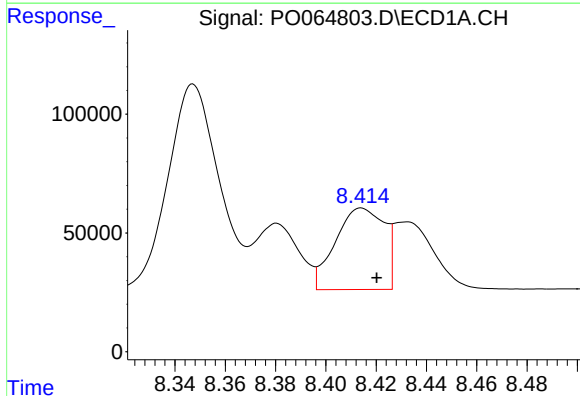
R.T.: 8.347 min  
Delta R.T.: 0.014 min  
Response: 1222791  
Conc: 236.60 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



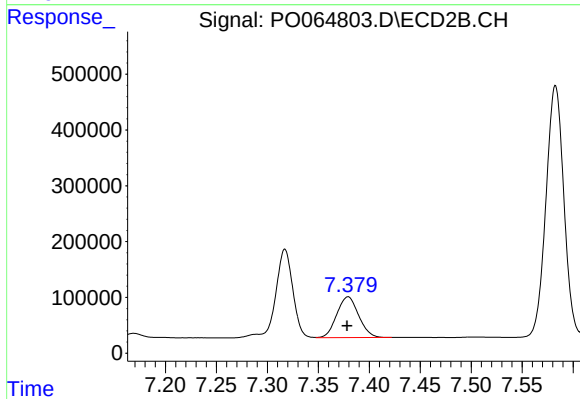
#41 AR-1268-1

R.T.: 7.317 min  
Delta R.T.: 0.003 min  
Response: 1844803  
Conc: 288.50 ng/ml



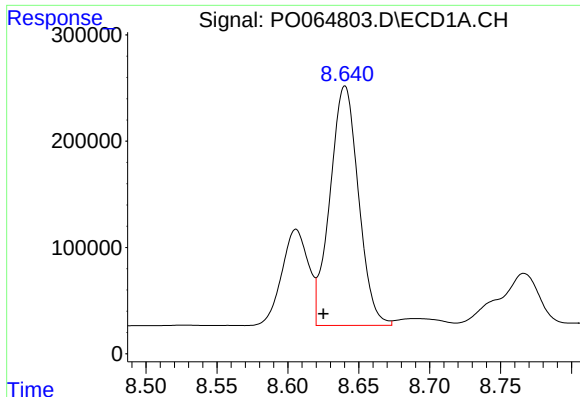
#42 AR-1268-2

R.T.: 8.414 min  
Delta R.T.: -0.006 min  
Response: 464568  
Conc: 98.79 ng/ml



#42 AR-1268-2

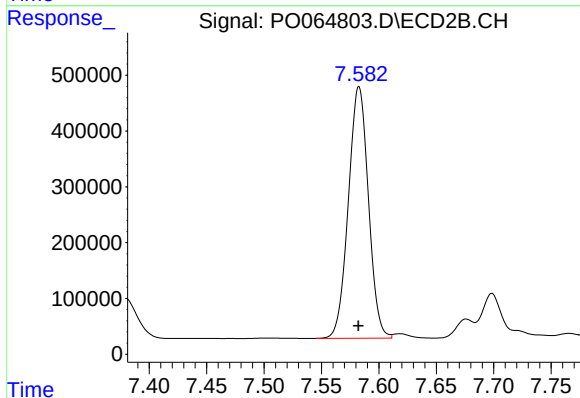
R.T.: 7.379 min  
Delta R.T.: 0.001 min  
Response: 1090765  
Conc: 187.14 ng/ml



#43 AR-1268-3

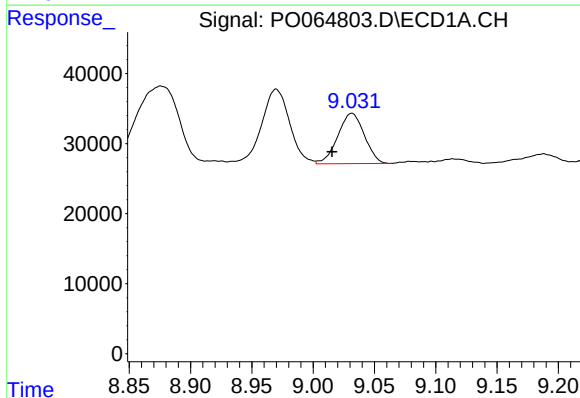
R.T.: 8.640 min  
Delta R.T.: 0.015 min  
Response: 3151911  
Conc: 817.63 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



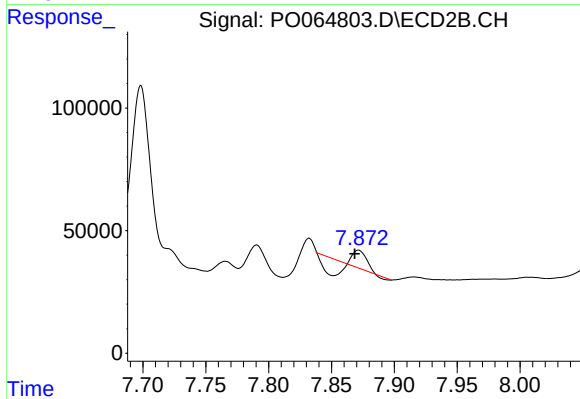
#43 AR-1268-3

R.T.: 7.583 min  
Delta R.T.: 0.000 min  
Response: 5510532  
Conc: 1153.64 ng/ml



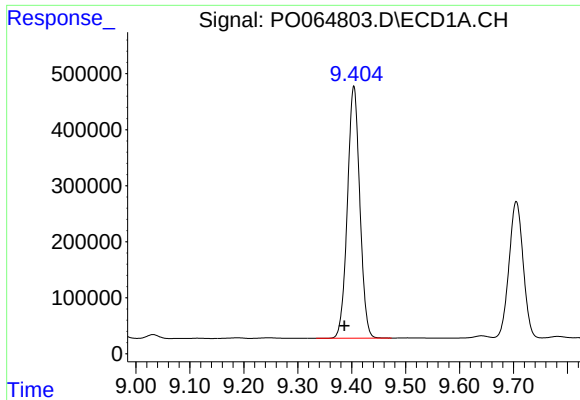
#44 AR-1268-4

R.T.: 9.032 min  
Delta R.T.: 0.016 min  
Response: 108757  
Conc: 64.69 ng/ml



#44 AR-1268-4

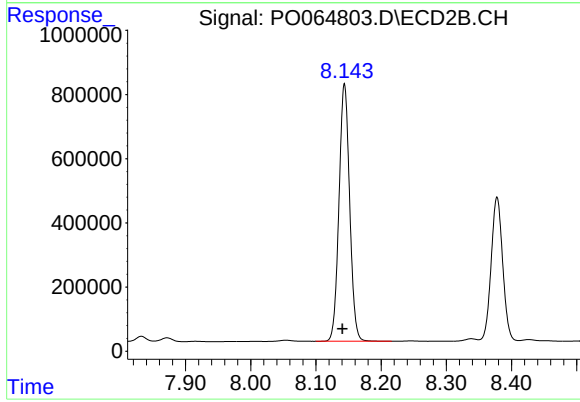
R.T.: 7.872 min  
Delta R.T.: 0.003 min  
Response: 9843  
Conc: 4.89 ng/ml



#45 AR-1268-5

R.T.: 9.404 min  
Delta R.T.: 0.018 min  
Response: 7187792  
Conc: 605.70 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



#45 AR-1268-5

R.T.: 8.144 min  
Delta R.T.: 0.003 min  
Response: 9116158  
Conc: 630.17 ng/ml