

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0073019\  
 Data File : P0058587.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 30 Jul 2019 1:46  
 Operator : SM/AJ  
 Sample : K4046-06MSD  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 DUP-2MSD

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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 30 12:46:51 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0072819.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Sat Jul 27 06:49:05 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... | 4.173 | 3.523 | 978075   | 855014   | 23.176   | 21.402    |
| 2)                          | SA Decachlor... | 9.658 | 8.411 | 4732233  | 3690572  | 87.382   | 93.496    |
|                             |                 |       |       |          |          |          |           |
| Target Compounds            |                 |       |       |          |          |          |           |
| 3)                          | L1 AR-1016-1    | 5.328 | 4.580 | 484245   | 349683   | 258.408  | 239.840   |
| 4)                          | L1 AR-1016-2    | 5.350 | 4.597 | 683311   | 503063   | 248.338  | 234.354   |
| 5)                          | L1 AR-1016-3    | 5.410 | 4.771 | 412878   | 271414   | 243.165  | 238.977   |
| 6)                          | L1 AR-1016-4    | 5.509 | 4.811 | 348219   | 356757   | 248.870  | 378.200 # |
| 7)                          | L1 AR-1016-5    | 5.796 | 5.021 | 456437   | 360352   | 318.644  | 292.628   |
| 31)                         | L7 AR-1260-1    | 6.903 | 6.034 | 1667873  | 1388450  | 579.295  | 583.371   |
| 32)                         | L7 AR-1260-2    | 7.160 | 6.223 | 4437002  | 1513195  | 1066.572 | 499.519 # |
| 33)                         | L7 AR-1260-3    | 7.511 | 6.372 | 1581990  | 1539432  | 424.813  | 570.193 # |
| 34)                         | L7 AR-1260-4    | 7.747 | 6.831 | 3002527  | 1457791  | 881.081  | 645.175 # |
| 35)                         | L7 AR-1260-5    | 8.043 | 7.078 | 1869260  | 1339710  | 254.156  | 248.770m  |
| 41)                         | L9 AR-1268-1    | 8.322 | 7.355 | 6870637  | 4626370  | 615.123  | 567.999   |
| 42)                         | L9 AR-1268-2    | 8.409 | 7.420 | 4143707  | 3952984  | 441.144  | 521.699   |
| 43)                         | L9 AR-1268-3    | 8.610 | 7.617 | 7363885  | 5838236  | 891.609  | 913.376   |
| 44)                         | L9 AR-1268-4    | 9.003 | 7.912 | 1069469  | 818425   | 357.768  | 352.667   |
| 45)                         | L9 AR-1268-5    | 9.367 | 8.182 | 17089829 | 13946718 | 796.010  | 813.791   |
| -----                       |                 |       |       |          |          |          |           |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO073019\  
Data File : PO058587.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 30 Jul 2019 1:46  
Operator : SM/AJ  
Sample : K4046-06MSD  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

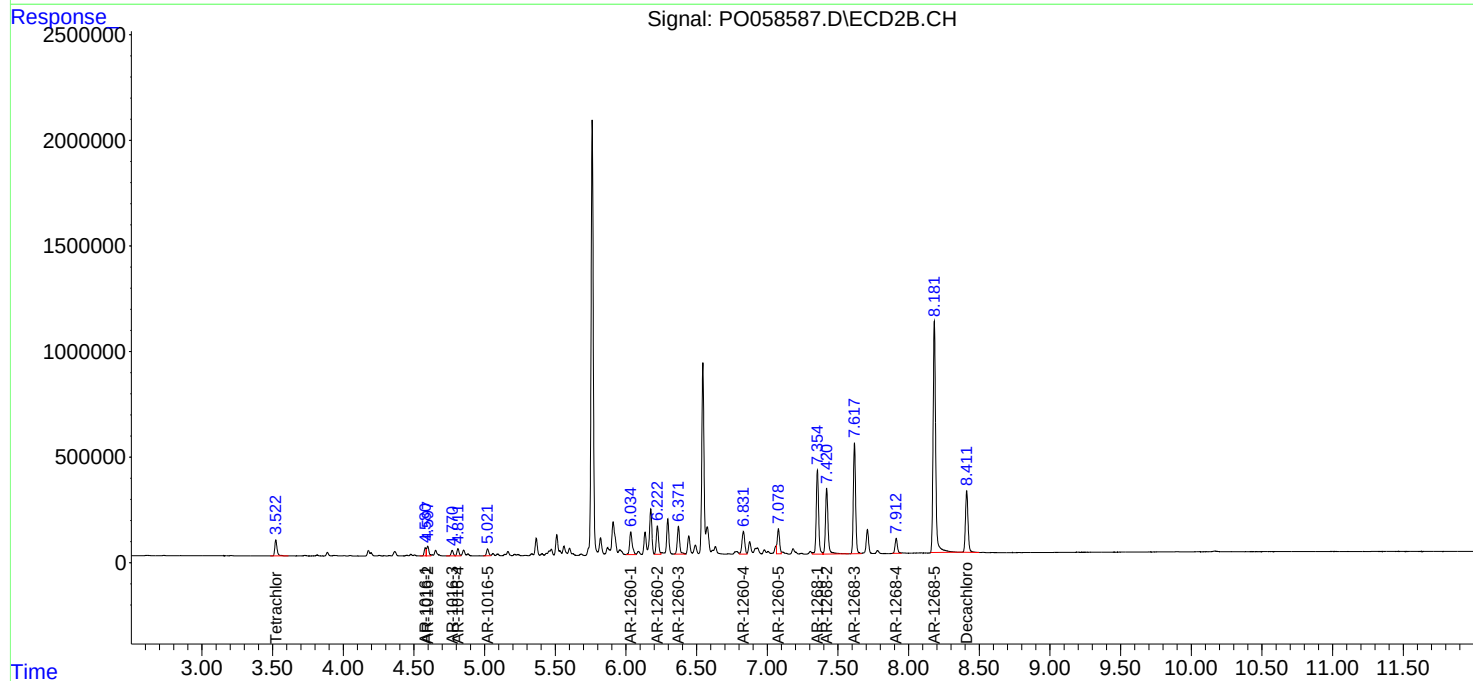
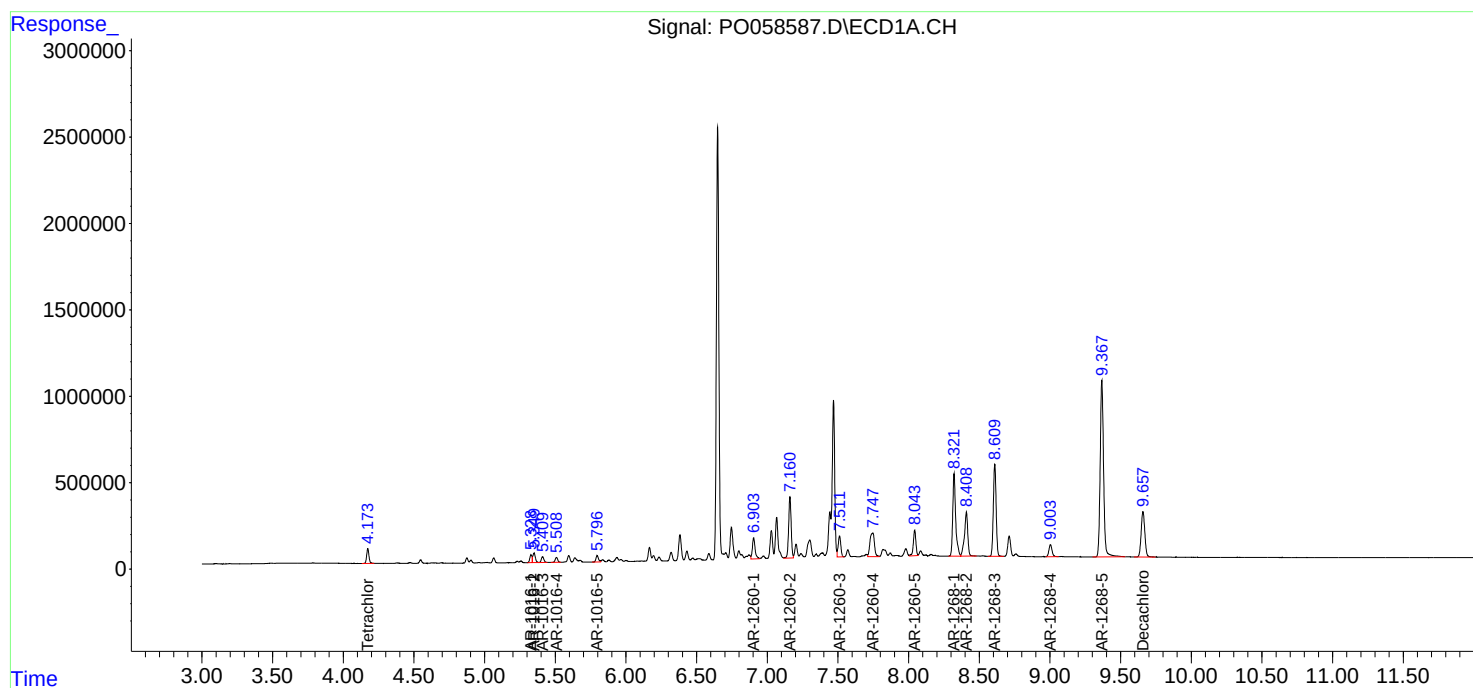
Instrument :  
ECD\_O  
ClientSampled :  
DUP-2MSD

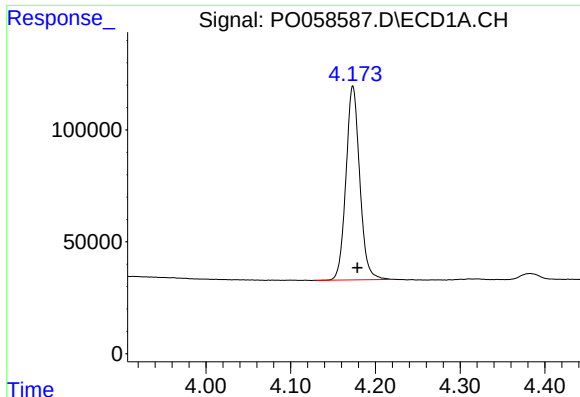
Manual Integrations  
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 30 12:46:51 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO072819.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Sat Jul 27 06:49:05 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





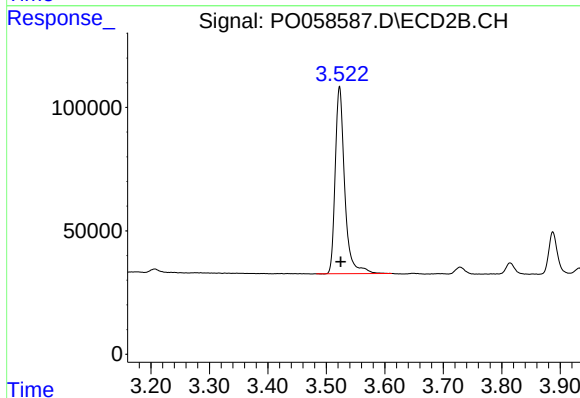
#1 Tetrachloro-m-xylene

R.T.: 4.173 min  
Delta R.T.: -0.006 min  
Response: 978075  
Conc: 23.18 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
DUP-2MSD

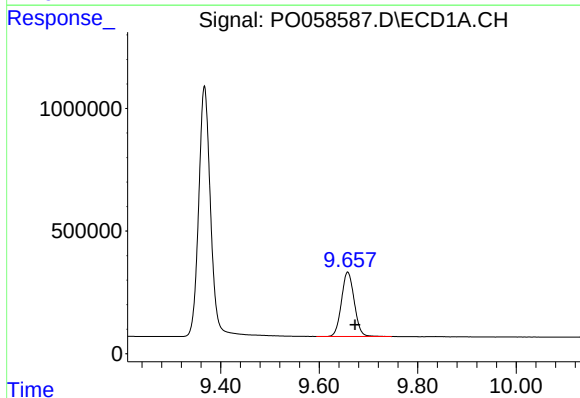
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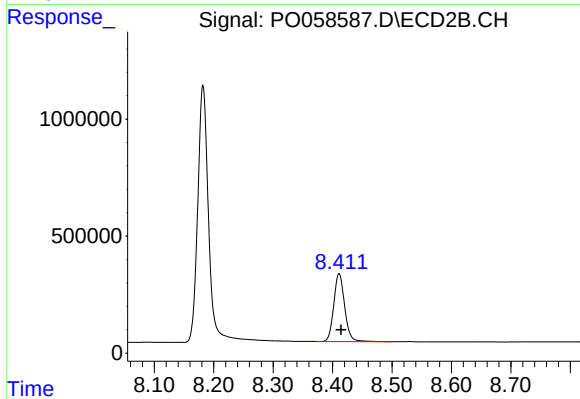
#1 Tetrachloro-m-xylene

R.T.: 3.523 min  
Delta R.T.: -0.002 min  
Response: 855014  
Conc: 21.40 ng/ml



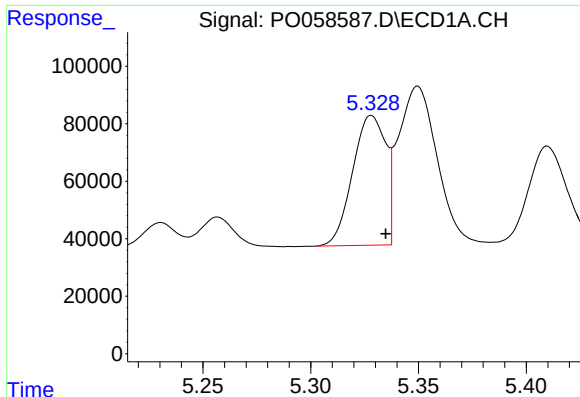
#2 Decachlorobiphenyl

R.T.: 9.658 min  
Delta R.T.: -0.015 min  
Response: 4732233  
Conc: 87.38 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.411 min  
Delta R.T.: -0.003 min  
Response: 3690572  
Conc: 93.50 ng/ml



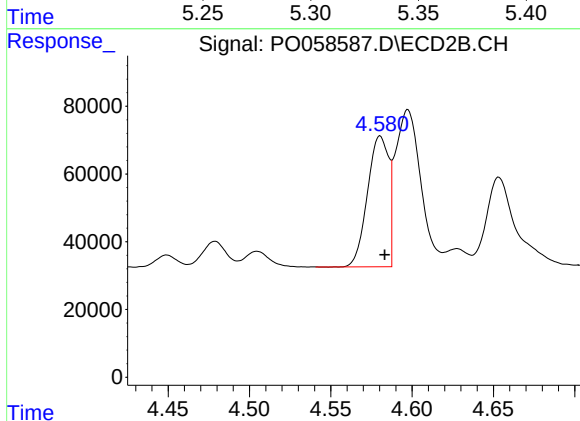
#3 AR-1016-1

R.T.: 5.328 min  
Delta R.T.: -0.007 min  
Response: 484245  
Conc: 258.41 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
DUP-2MSD

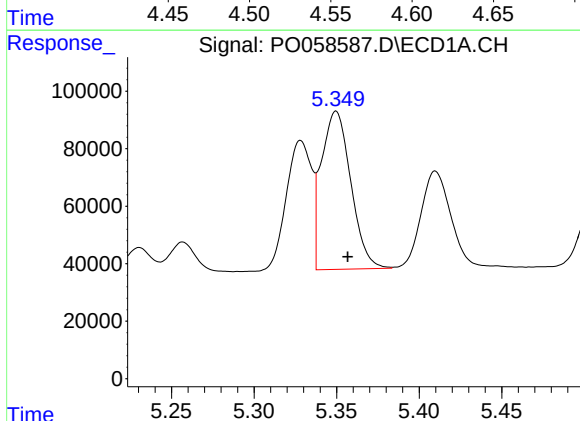
Manual Integrations  
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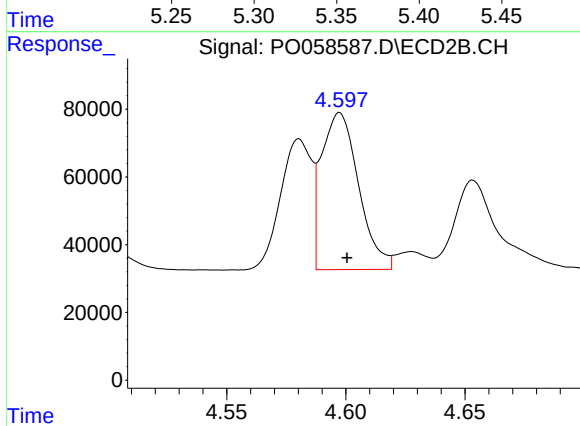
#3 AR-1016-1

R.T.: 4.580 min  
Delta R.T.: -0.003 min  
Response: 349683  
Conc: 239.84 ng/ml



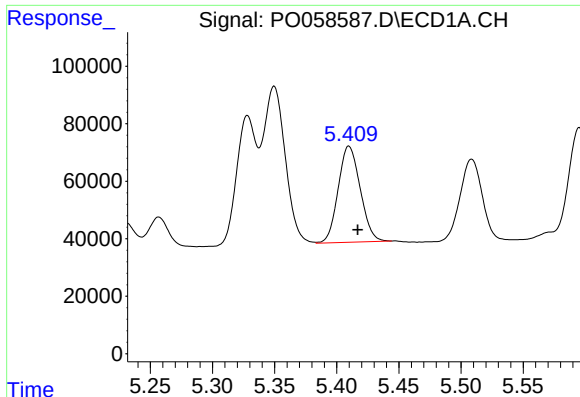
#4 AR-1016-2

R.T.: 5.350 min  
Delta R.T.: -0.007 min  
Response: 683311  
Conc: 248.34 ng/ml



#4 AR-1016-2

R.T.: 4.597 min  
Delta R.T.: -0.003 min  
Response: 503063  
Conc: 234.35 ng/ml



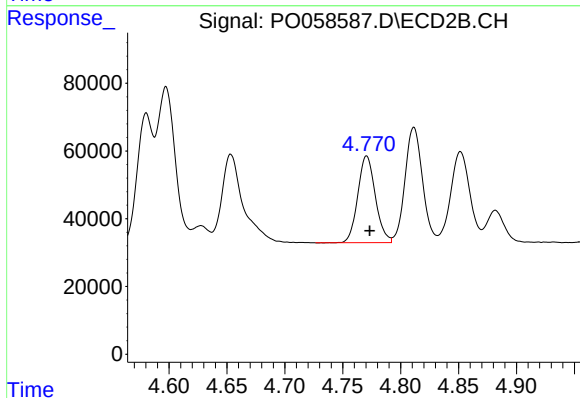
#5 AR-1016-3

R.T.: 5.410 min  
Delta R.T.: -0.007 min  
Response: 412878  
Conc: 243.17 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
DUP-2MSD

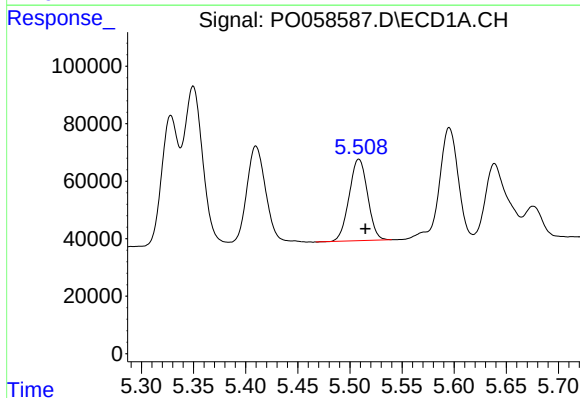
Manual Integrations  
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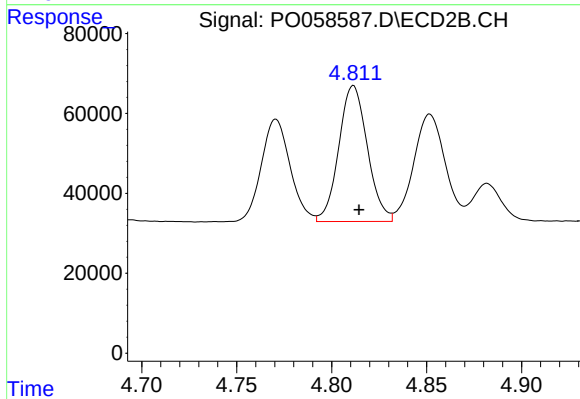
#5 AR-1016-3

R.T.: 4.771 min  
Delta R.T.: -0.003 min  
Response: 271414  
Conc: 238.98 ng/ml



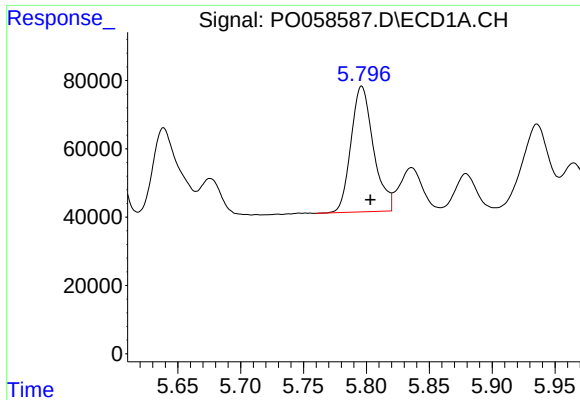
#6 AR-1016-4

R.T.: 5.509 min  
Delta R.T.: -0.006 min  
Response: 348219  
Conc: 248.87 ng/ml



#6 AR-1016-4

R.T.: 4.811 min  
Delta R.T.: -0.003 min  
Response: 356757  
Conc: 378.20 ng/ml



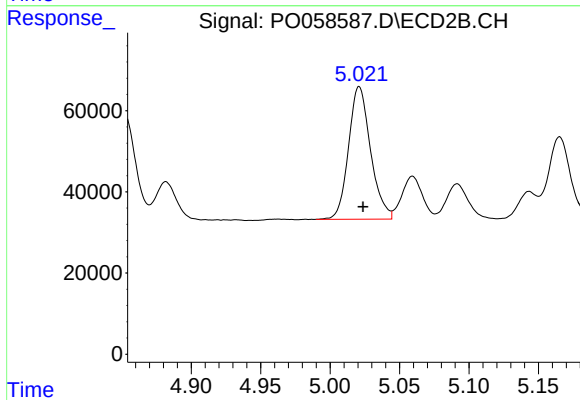
#7 AR-1016-5

R.T.: 5.796 min  
Delta R.T.: -0.007 min  
Response: 456437  
Conc: 318.64 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
DUP-2MSD

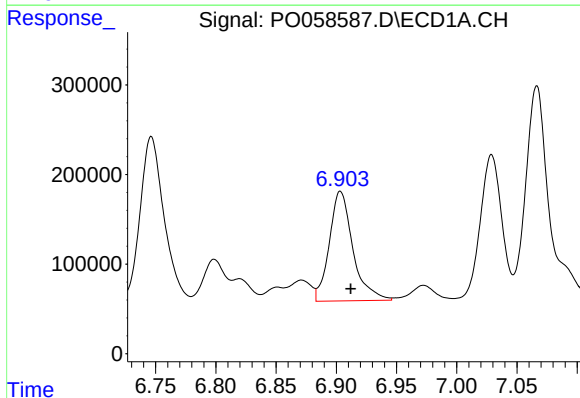
Manual Integrations  
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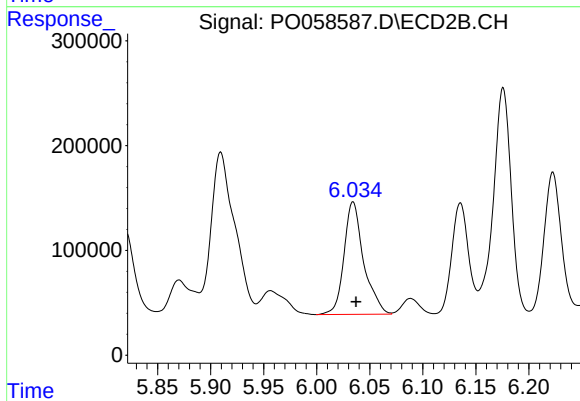
#7 AR-1016-5

R.T.: 5.021 min  
Delta R.T.: -0.003 min  
Response: 360352  
Conc: 292.63 ng/ml



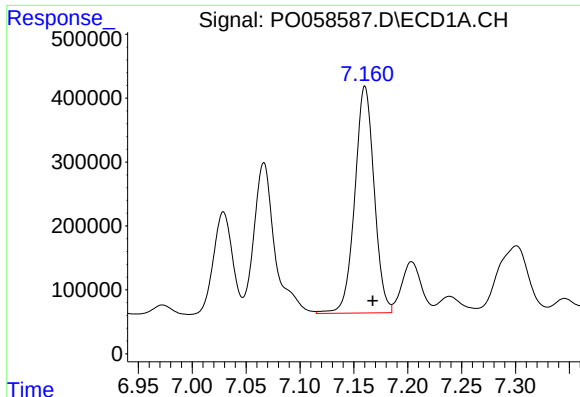
#31 AR-1260-1

R.T.: 6.903 min  
Delta R.T.: -0.008 min  
Response: 1667873  
Conc: 579.29 ng/ml



#31 AR-1260-1

R.T.: 6.034 min  
Delta R.T.: -0.003 min  
Response: 1388450  
Conc: 583.37 ng/ml



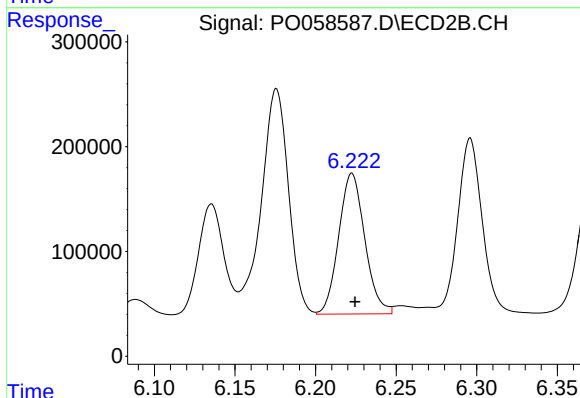
#32 AR-1260-2

R.T.: 7.160 min  
Delta R.T.: -0.007 min  
Response: 4437002  
Conc: 1066.57 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
DUP-2MSD

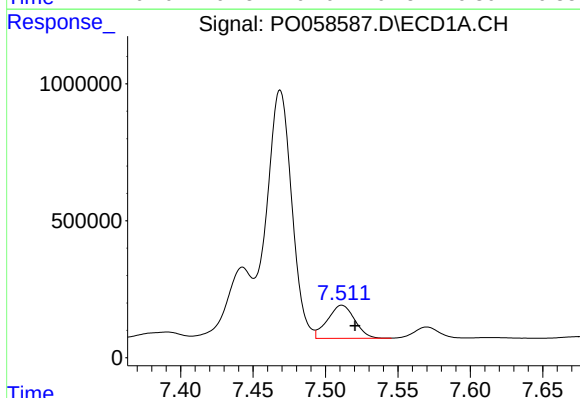
Manual Integrations  
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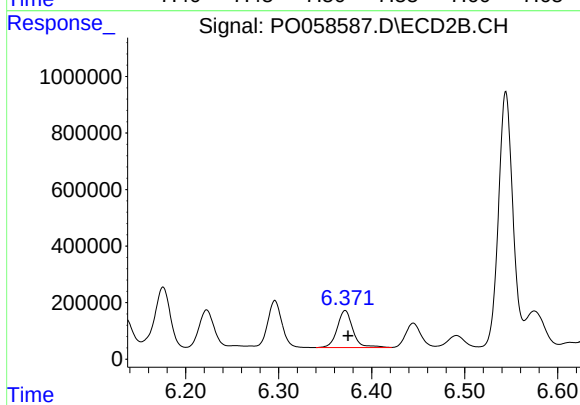
#32 AR-1260-2

R.T.: 6.223 min  
Delta R.T.: -0.002 min  
Response: 1513195  
Conc: 499.52 ng/ml



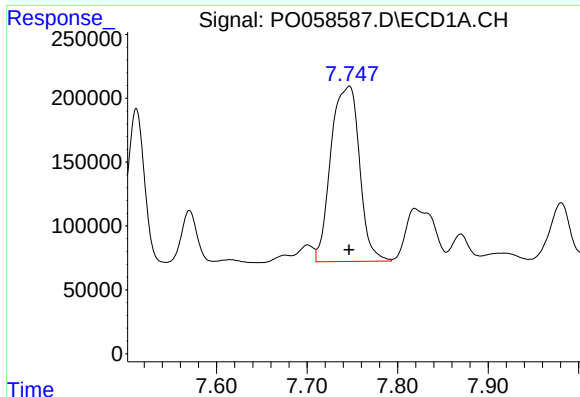
#33 AR-1260-3

R.T.: 7.511 min  
Delta R.T.: -0.009 min  
Response: 1581990  
Conc: 424.81 ng/ml



#33 AR-1260-3

R.T.: 6.372 min  
Delta R.T.: -0.003 min  
Response: 1539432  
Conc: 570.19 ng/ml



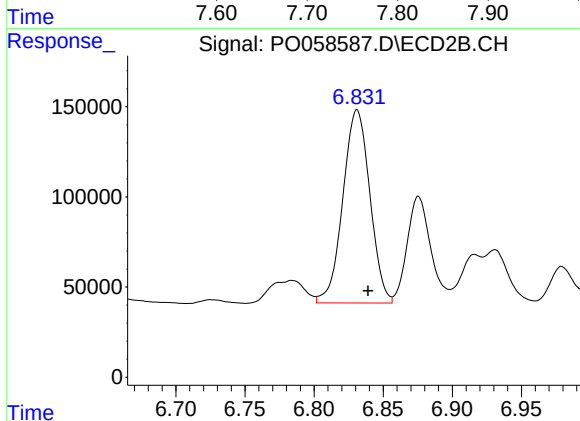
#34 AR-1260-4

R.T.: 7.747 min  
Delta R.T.: 0.000 min  
Response: 3002527  
Conc: 881.08 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
DUP-2MSD

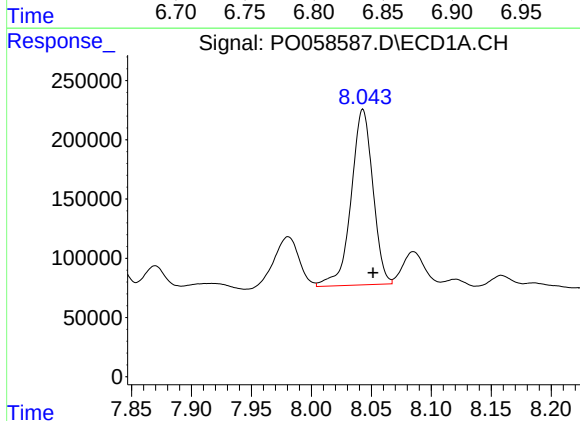
Manual Integrations  
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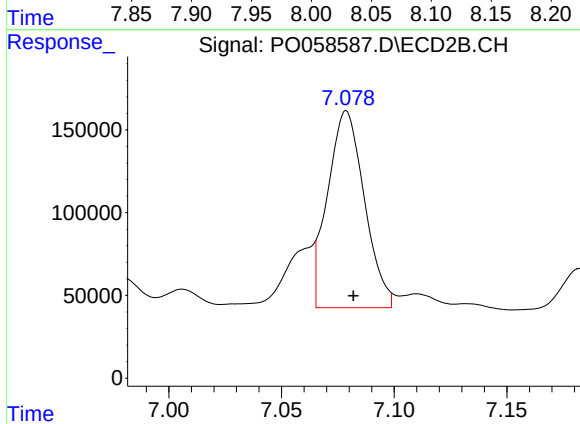
#34 AR-1260-4

R.T.: 6.831 min  
Delta R.T.: -0.008 min  
Response: 1457791  
Conc: 645.18 ng/ml



#35 AR-1260-5

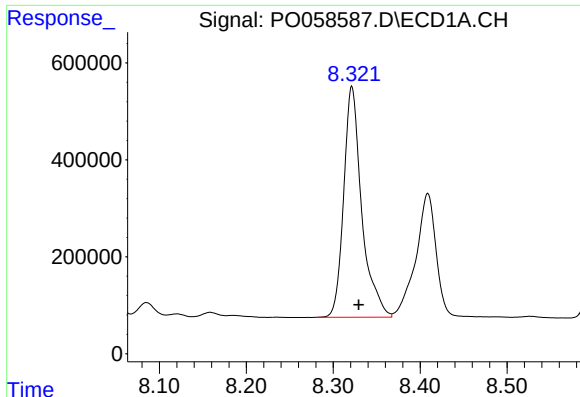
R.T.: 8.043 min  
Delta R.T.: -0.008 min  
Response: 1869260  
Conc: 254.16 ng/ml



#35 AR-1260-5

R.T.: 7.078 min  
Delta R.T.: -0.003 min  
Response: 1339710  
Conc: 248.77 ng/ml m





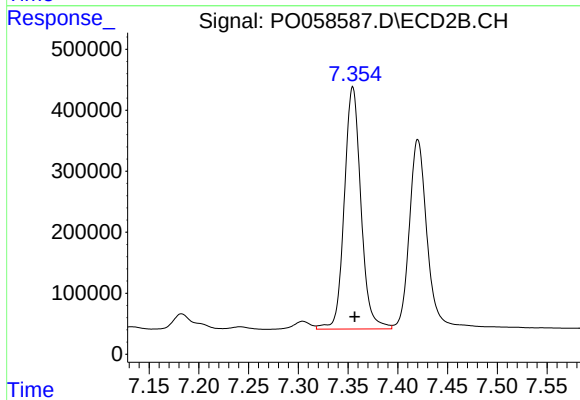
#41 AR-1268-1

R.T.: 8.322 min  
Delta R.T.: -0.008 min  
Response: 6870637  
Conc: 615.12 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
DUP-2MSD

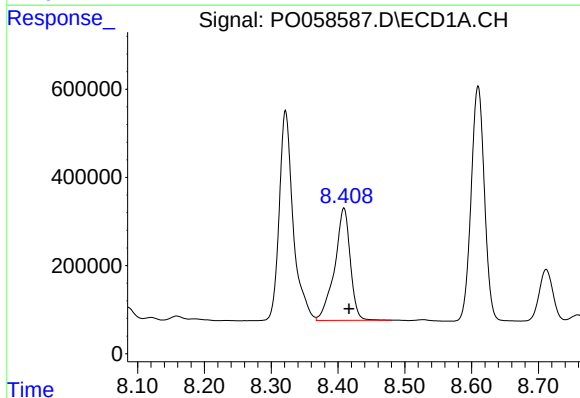
Manual Integrations  
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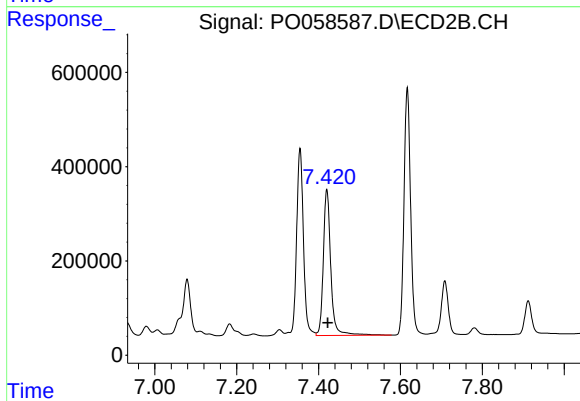
#41 AR-1268-1

R.T.: 7.355 min  
Delta R.T.: -0.002 min  
Response: 4626370  
Conc: 568.00 ng/ml



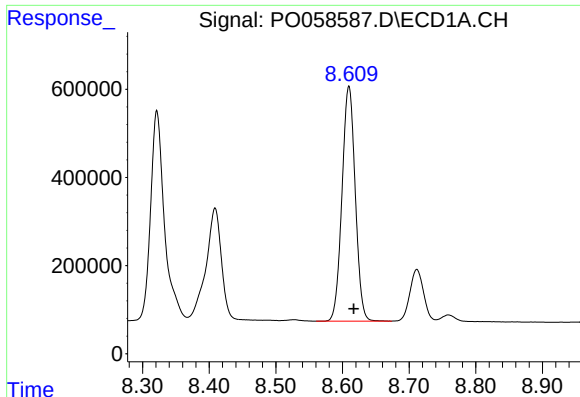
#42 AR-1268-2

R.T.: 8.409 min  
Delta R.T.: -0.008 min  
Response: 4143707  
Conc: 441.14 ng/ml



#42 AR-1268-2

R.T.: 7.420 min  
Delta R.T.: -0.002 min  
Response: 3952984  
Conc: 521.70 ng/ml



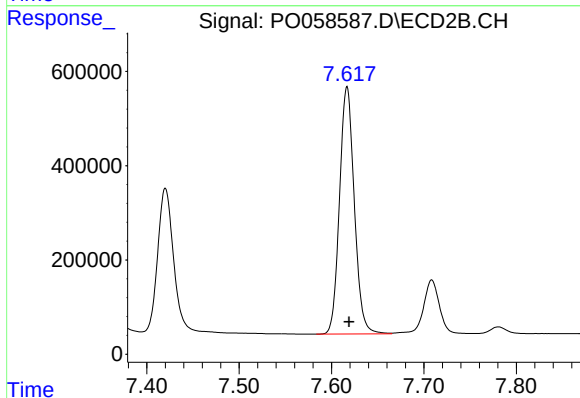
#43 AR-1268-3

R.T.: 8.610 min  
Delta R.T.: -0.007 min  
Response: 7363885  
Conc: 891.61 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
DUP-2MSD

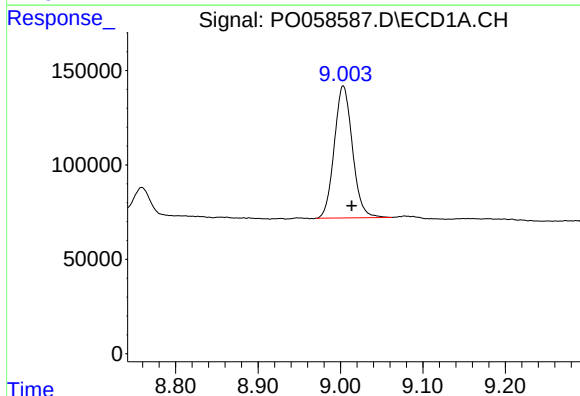
Manual Integrations  
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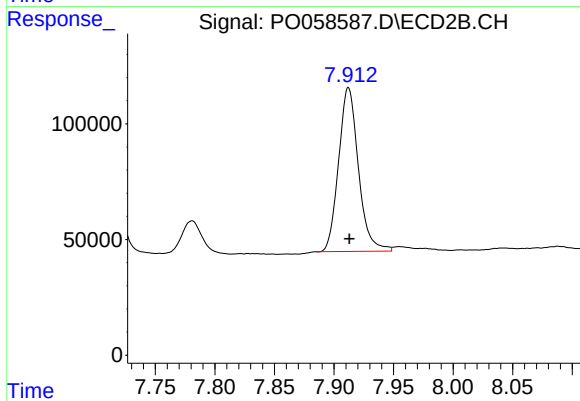
#43 AR-1268-3

R.T.: 7.617 min  
Delta R.T.: -0.002 min  
Response: 5838236  
Conc: 913.38 ng/ml



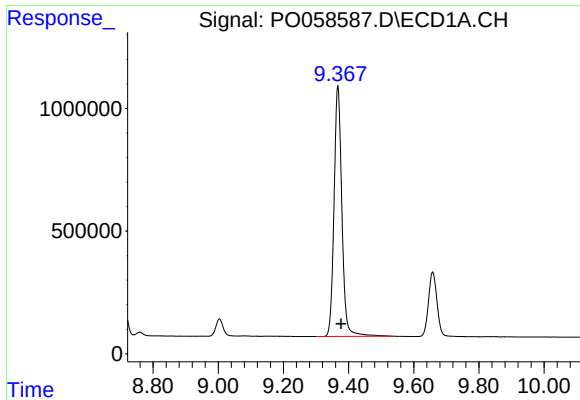
#44 AR-1268-4

R.T.: 9.003 min  
Delta R.T.: -0.010 min  
Response: 1069469  
Conc: 357.77 ng/ml



#44 AR-1268-4

R.T.: 7.912 min  
Delta R.T.: 0.000 min  
Response: 818425  
Conc: 352.67 ng/ml



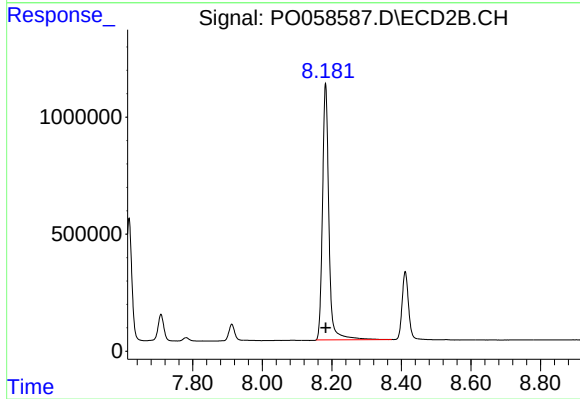
#45 AR-1268-5

R.T.: 9.367 min  
Delta R.T.: -0.010 min  
Response: 17089829  
Conc: 796.01 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
DUP-2MSD

Manual Integrations  
APPROVED

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#45 AR-1268-5

R.T.: 8.182 min  
Delta R.T.: 0.000 min  
Response: 13946718  
Conc: 813.79 ng/ml