

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP080923\  
 Data File : PP059273.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Aug 2023 17:07  
 Operator : YP\AJ  
 Sample : 03572-02  
 Misc : AR1660 LOQ 50 PPB  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 LOQ-SOIL-02-QT3-2023

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 08/10/2023  
 Supervised By :Ankita Jodhani 08/10/2023

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 09 17:56:45 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP080823.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Aug 09 02:30:13 2023  
 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...          | 4.416  | 3.648 | 22165619 | 38481803 | 18.064  | 18.993  |
| 2) SA Decachlor...          | 10.209 | 8.683 | 16294471 | 31551008 | 21.349  | 22.427  |
| Target Compounds            |        |       |          |          |         |         |
| 3) L1 AR-1016-1             | 5.592  | 4.740 | 1830950  | 3423800  | 46.603  | 53.382m |
| 4) L1 AR-1016-2             | 5.615  | 4.759 | 2691494  | 4658754  | 47.479  | 51.286m |
| 5) L1 AR-1016-3             | 5.677  | 4.936 | 1620550  | 2421723  | 45.173  | 50.403m |
| 6) L1 AR-1016-4             | 5.777  | 4.978 | 1305379  | 2145674  | 45.064  | 51.964m |
| 7) L1 AR-1016-5             | 6.073  | 5.191 | 1514417  | 2478405  | 50.041  | 47.632m |
| 31) L7 AR-1260-1            | 7.204  | 6.230 | 3088059  | 5996519  | 56.445m | 60.547m |
| 32) L7 AR-1260-2            | 7.463  | 6.420 | 3347912  | 6663542  | 56.231  | 57.589m |
| 33) L7 AR-1260-3            | 7.823  | 6.574 | 2258600  | 6047657  | 57.390  | 54.369m |
| 34) L7 AR-1260-4            | 8.050  | 7.047 | 2235357  | 4724419  | 50.330  | 54.495  |
| 35) L7 AR-1260-5            | 8.371  | 7.291 | 4184794  | 10379849 | 52.330  | 56.313  |
| -----                       |        |       |          |          |         |         |

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

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Misc : AR1660 LOQ 50 PPB  
ALS Vial : 16 Sample Multiplier: 1

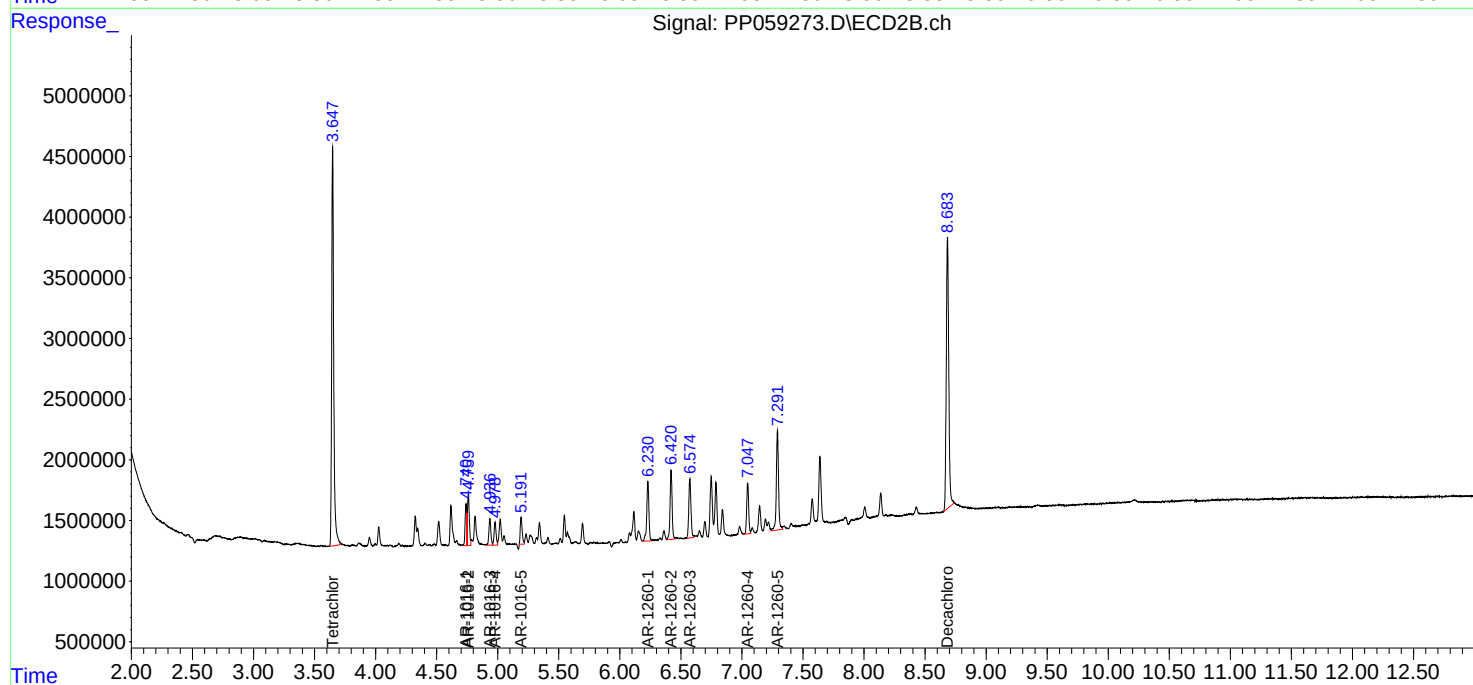
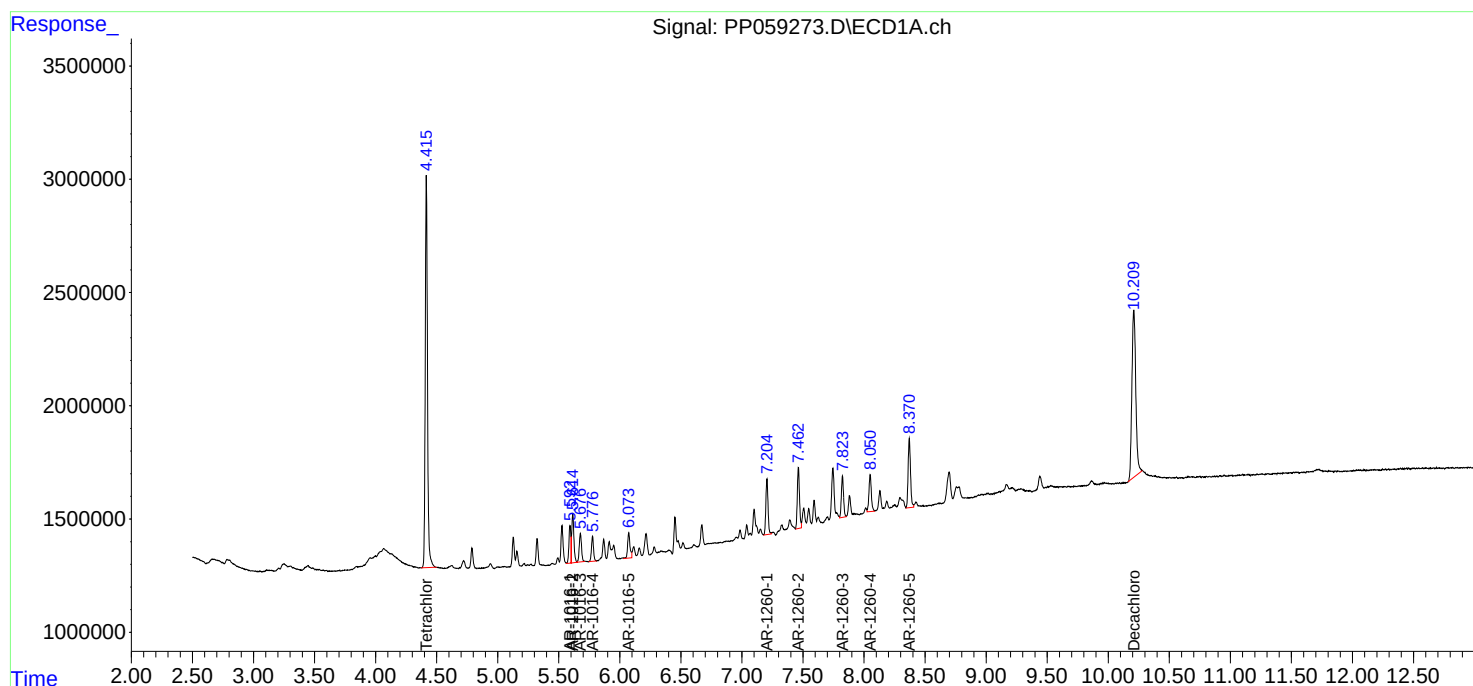
Instrument :  
ECD\_P  
ClientSampleId :  
LOQ-SOIL-02-QT3-2023

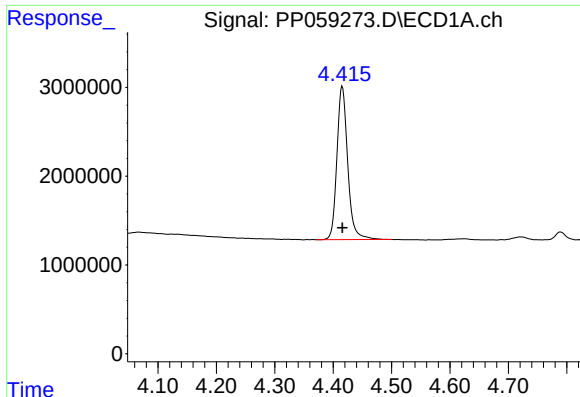
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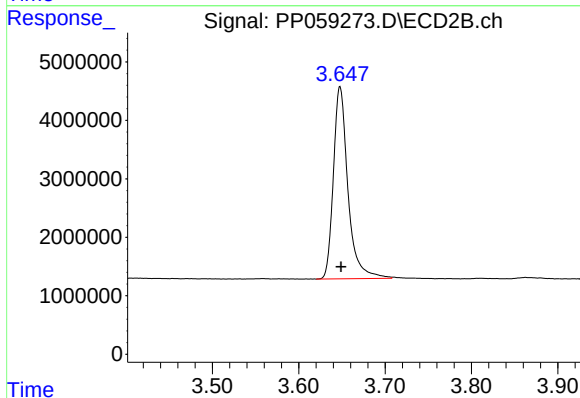
#1 Tetrachloro-m-xylene

R.T.: 4.416 min  
Delta R.T.: 0.000 min  
Response: 22165619  
Conc: 18.06 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOQ-SOIL-02-QT3-2023

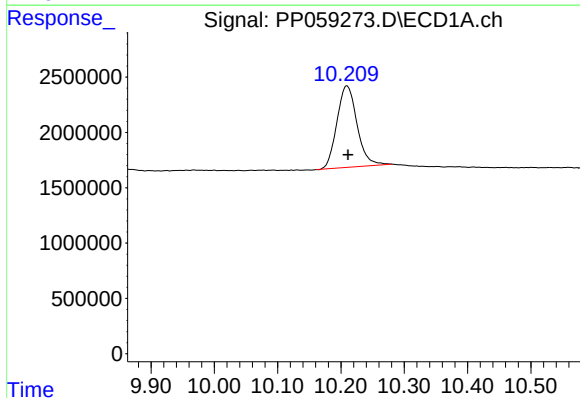
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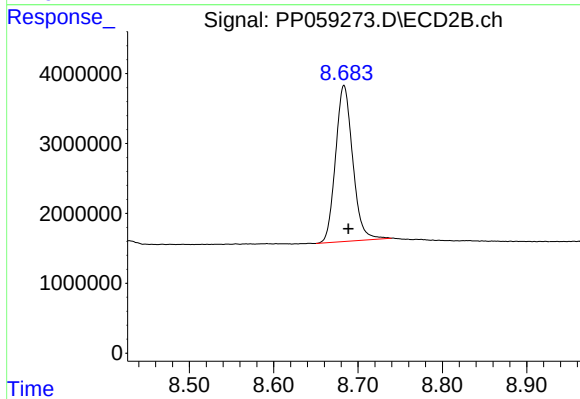
#1 Tetrachloro-m-xylene

R.T.: 3.648 min  
Delta R.T.: -0.001 min  
Response: 38481803  
Conc: 18.99 ng/ml



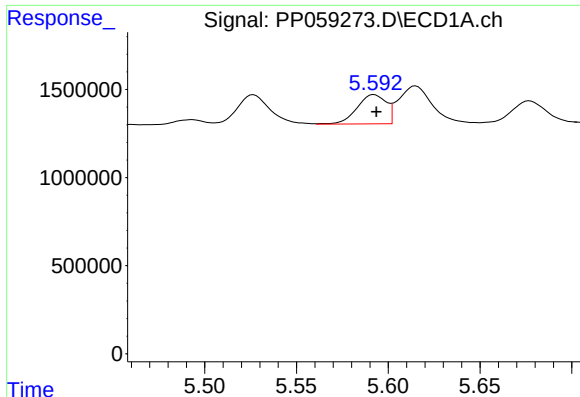
#2 Decachlorobiphenyl

R.T.: 10.209 min  
Delta R.T.: -0.002 min  
Response: 16294471  
Conc: 21.35 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.683 min  
Delta R.T.: -0.005 min  
Response: 31551008  
Conc: 22.43 ng/ml



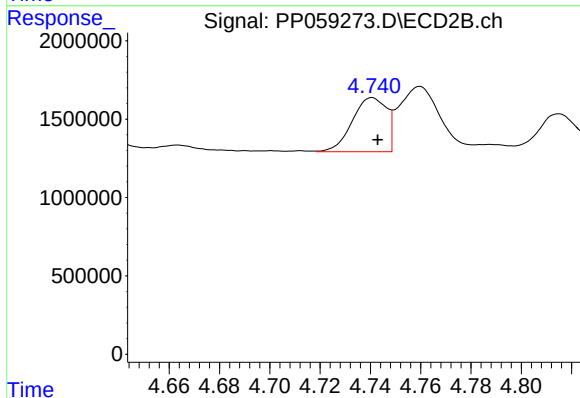
#3 AR-1016-1

R.T.: 5.592 min  
Delta R.T.: -0.001 min  
Response: 1830950  
Conc: 46.60 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
LOQ-SOIL-02-QT3-2023

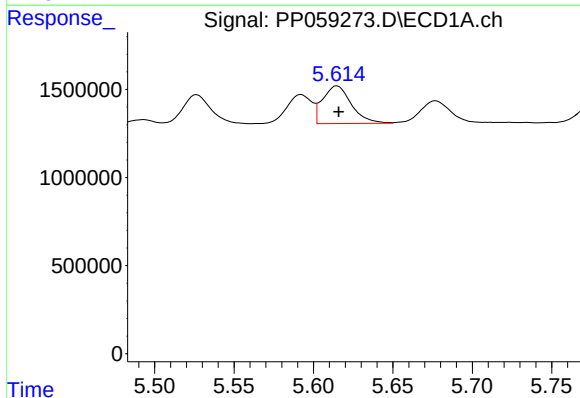
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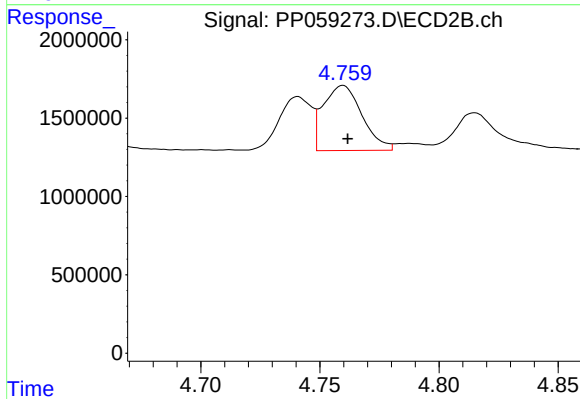
#3 AR-1016-1

R.T.: 4.740 min  
Delta R.T.: -0.002 min  
Response: 3423800  
Conc: 53.38 ng/ml m



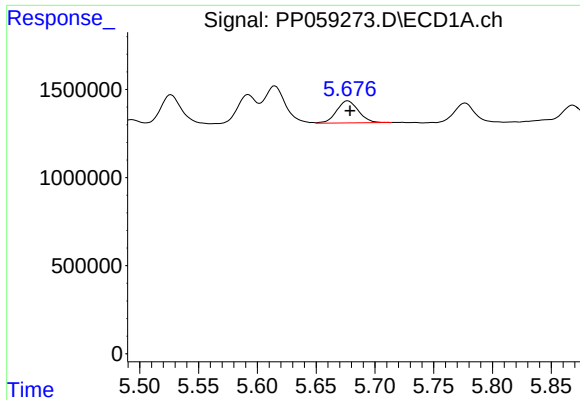
#4 AR-1016-2

R.T.: 5.615 min  
Delta R.T.: -0.001 min  
Response: 2691494  
Conc: 47.48 ng/ml



#4 AR-1016-2

R.T.: 4.759 min  
Delta R.T.: -0.002 min  
Response: 4658754  
Conc: 51.29 ng/ml m



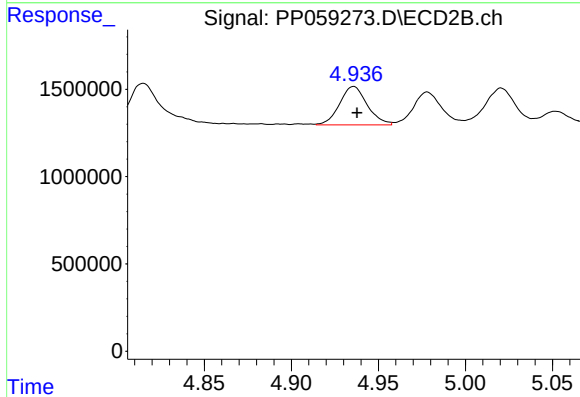
#5 AR-1016-3

R.T.: 5.677 min  
Delta R.T.: -0.002 min  
Response: 1620550  
Conc: 45.17 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
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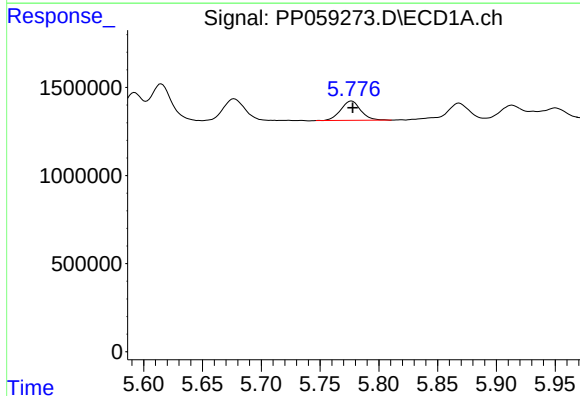
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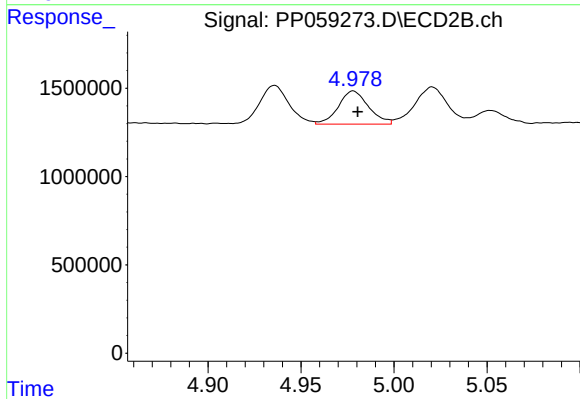
#5 AR-1016-3

R.T.: 4.936 min  
Delta R.T.: -0.002 min  
Response: 2421723  
Conc: 50.40 ng/ml m



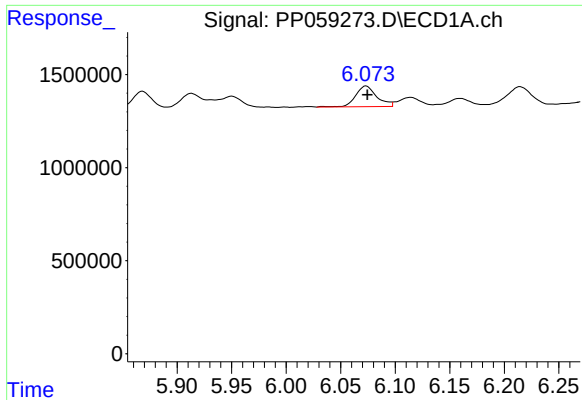
#6 AR-1016-4

R.T.: 5.777 min  
Delta R.T.: 0.000 min  
Response: 1305379  
Conc: 45.06 ng/ml



#6 AR-1016-4

R.T.: 4.978 min  
Delta R.T.: -0.003 min  
Response: 2145674  
Conc: 51.96 ng/ml m



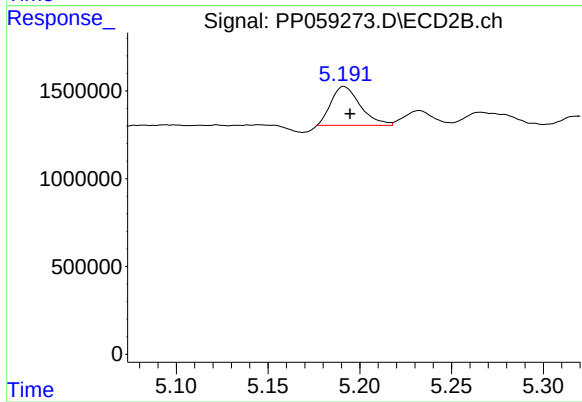
#7 AR-1016-5

R.T.: 6.073 min  
Delta R.T.: -0.001 min  
Response: 1514417  
Conc: 50.04 ng/ml

Instrument :  
ECD\_P  
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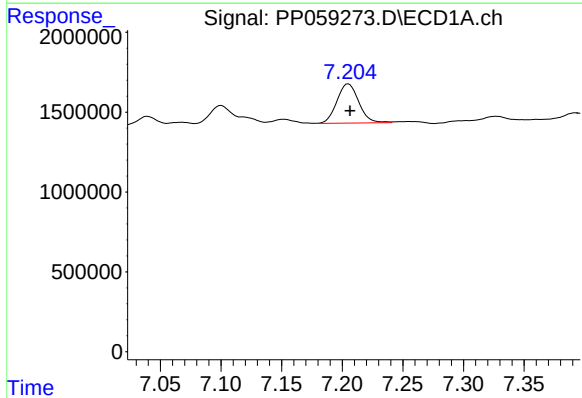
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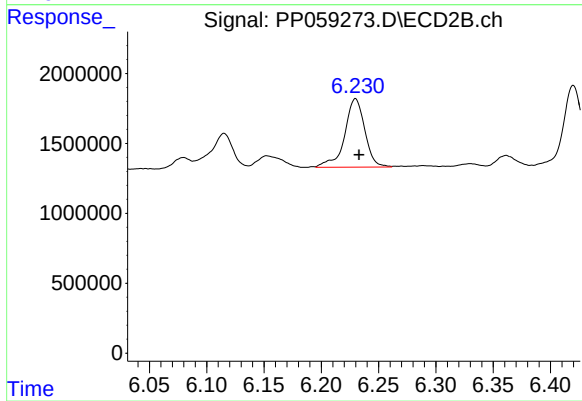
#7 AR-1016-5

R.T.: 5.191 min  
Delta R.T.: -0.004 min  
Response: 2478405  
Conc: 47.63 ng/ml m



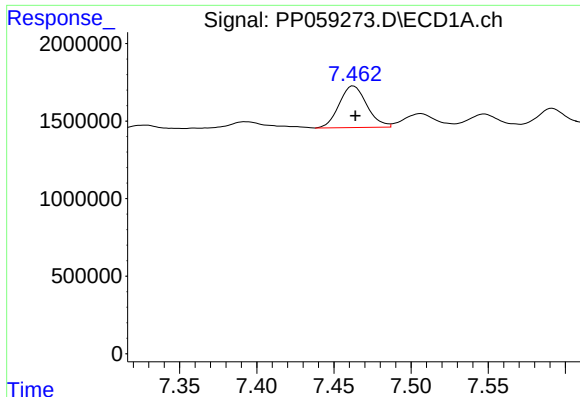
#31 AR-1260-1

R.T.: 7.204 min  
Delta R.T.: -0.002 min  
Response: 3088059  
Conc: 56.44 ng/ml m



#31 AR-1260-1

R.T.: 6.230 min  
Delta R.T.: -0.003 min  
Response: 5996519  
Conc: 60.55 ng/ml m



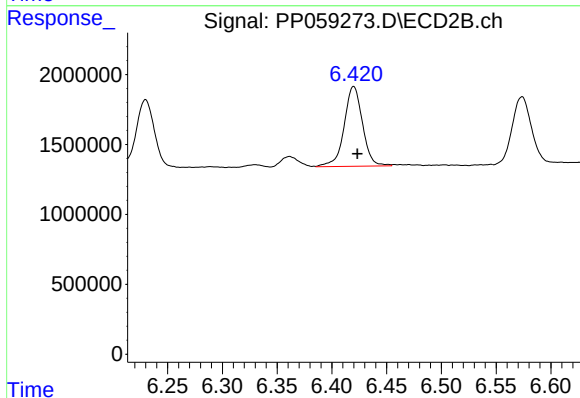
#32 AR-1260-2

R.T.: 7.463 min  
Delta R.T.: -0.001 min  
Response: 3347912  
Conc: 56.23 ng/ml

Instrument :  
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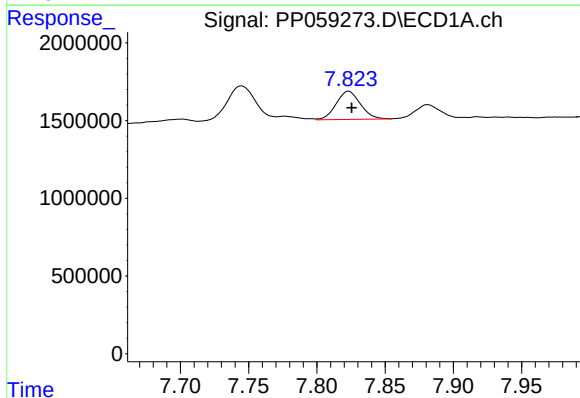
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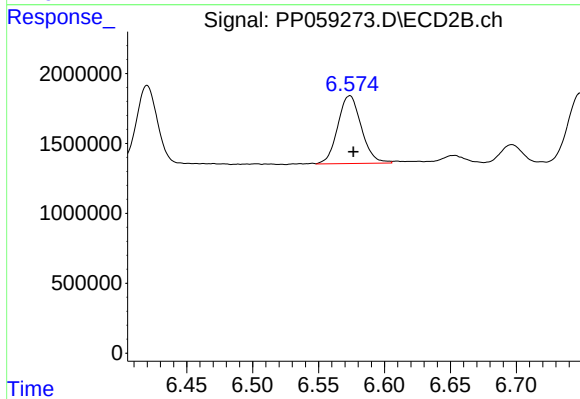
#32 AR-1260-2

R.T.: 6.420 min  
Delta R.T.: -0.004 min  
Response: 6663542  
Conc: 57.59 ng/ml m



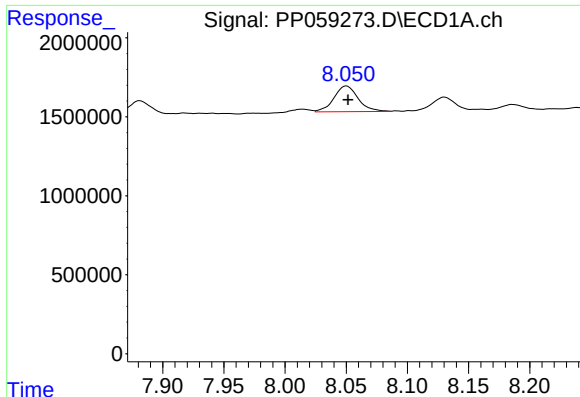
#33 AR-1260-3

R.T.: 7.823 min  
Delta R.T.: -0.002 min  
Response: 2258600  
Conc: 57.39 ng/ml



#33 AR-1260-3

R.T.: 6.574 min  
Delta R.T.: -0.003 min  
Response: 6047657  
Conc: 54.37 ng/ml m



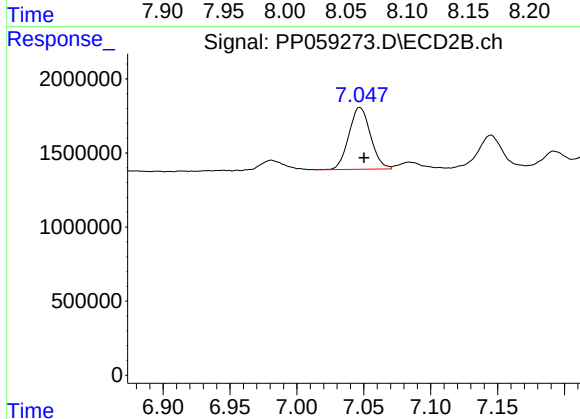
#34 AR-1260-4

R.T.: 8.050 min  
Delta R.T.: -0.001 min  
Response: 2235357  
Conc: 50.33 ng/ml

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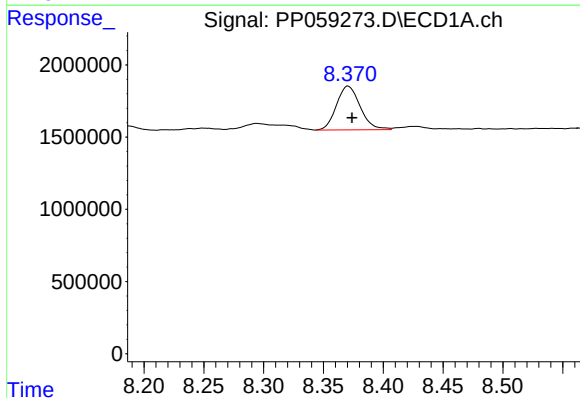
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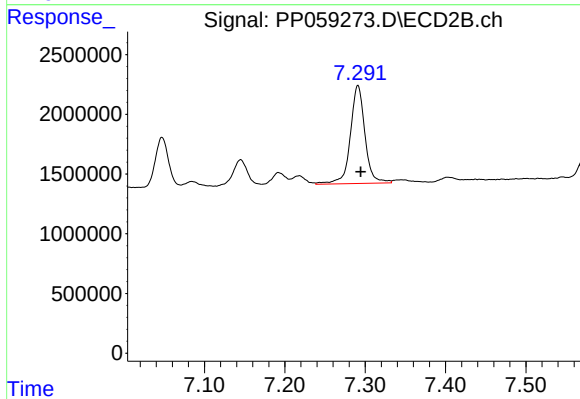
#34 AR-1260-4

R.T.: 7.047 min  
Delta R.T.: -0.003 min  
Response: 4724419  
Conc: 54.49 ng/ml



#35 AR-1260-5

R.T.: 8.371 min  
Delta R.T.: -0.003 min  
Response: 4184794  
Conc: 52.33 ng/ml



#35 AR-1260-5

R.T.: 7.291 min  
Delta R.T.: -0.003 min  
Response: 10379849  
Conc: 56.31 ng/ml