

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD082925\  
 Data File : PD090100.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 Aug 2025 18:17  
 Operator : AR\AJ  
 Sample : Q2982-05  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 MOO-25-0249-0253

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 09/02/2025  
 Supervised By :mohammad ahmed 09/03/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 29 23:23:16 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081825.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 19 13:16:54 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 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... | 3.550 | 2.879 | 26851032 | 208.5E6  | 9.149  | 9.458m   |
| 28)                         | SA Decachlor... | 9.072 | 8.065 | 54170393 | 266.7E6  | 12.551 | 10.304   |
| Target Compounds            |                 |       |       |          |          |        |          |
| 10)                         | B gamma-Chl...  | 5.947 | 5.124 | 2449347  | 12564754 | 0.501  | 0.424    |
| 11)                         | B alpha-Chl...  | 6.033 | 5.188 | 8750726  | 18849095 | 1.778  | 0.660 #  |
| 12)                         | B 4,4'-DDE      | 6.196 | 5.372 | 177.3E6  | 831.7E6  | 40.408 | 28.857 # |
| 16)                         | A 4,4'-DDD      | 6.705 | 5.924 | 12227970 | 56552222 | 3.535m | 2.352 #  |
| 17)                         | MA 4,4'-DDT     | 7.021 | 6.179 | 149.1E6  | 749.7E6  | 39.136 | 29.904   |
| 19)                         | B Endosulfa...  | 7.143 | 6.477 | 2224594  | 18354423 | 0.568  | 0.753 #  |
| -----                       |                 |       |       |          |          |        |          |

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

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ALS Vial : 21 Sample Multiplier: 1

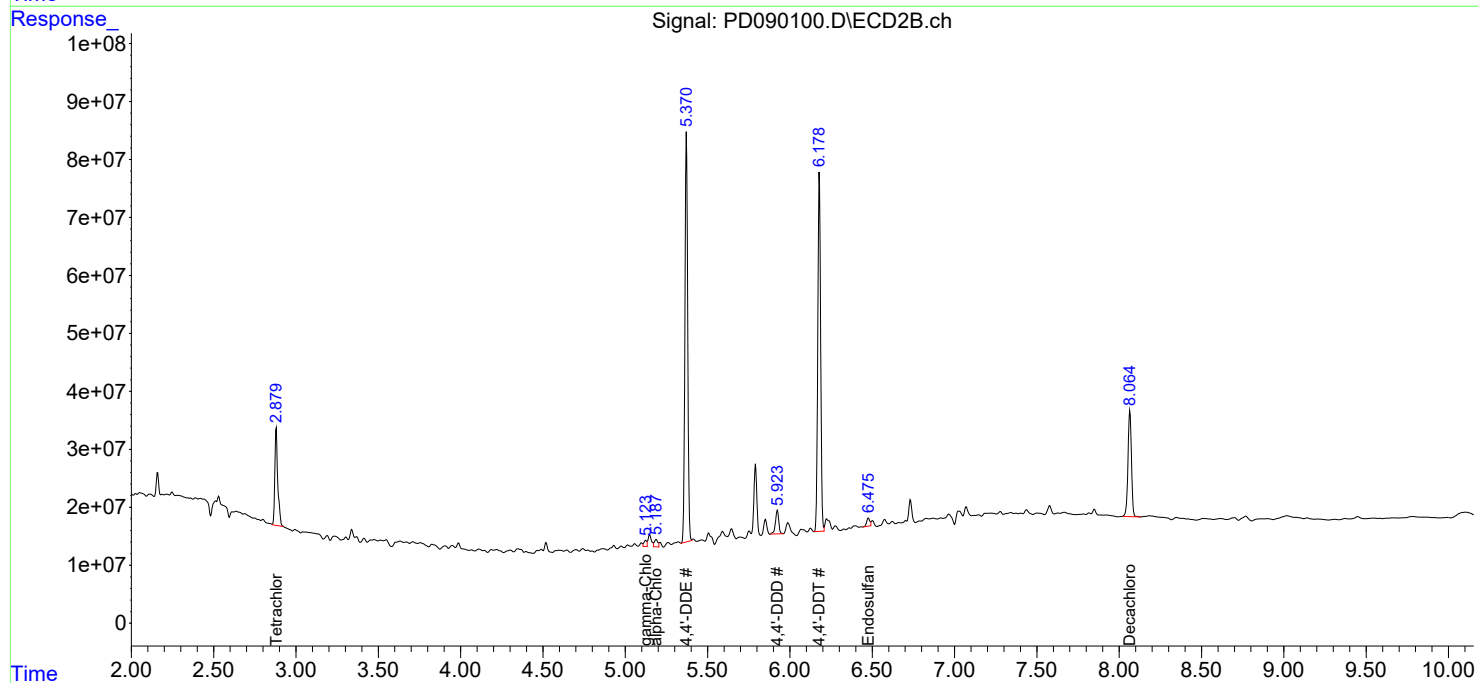
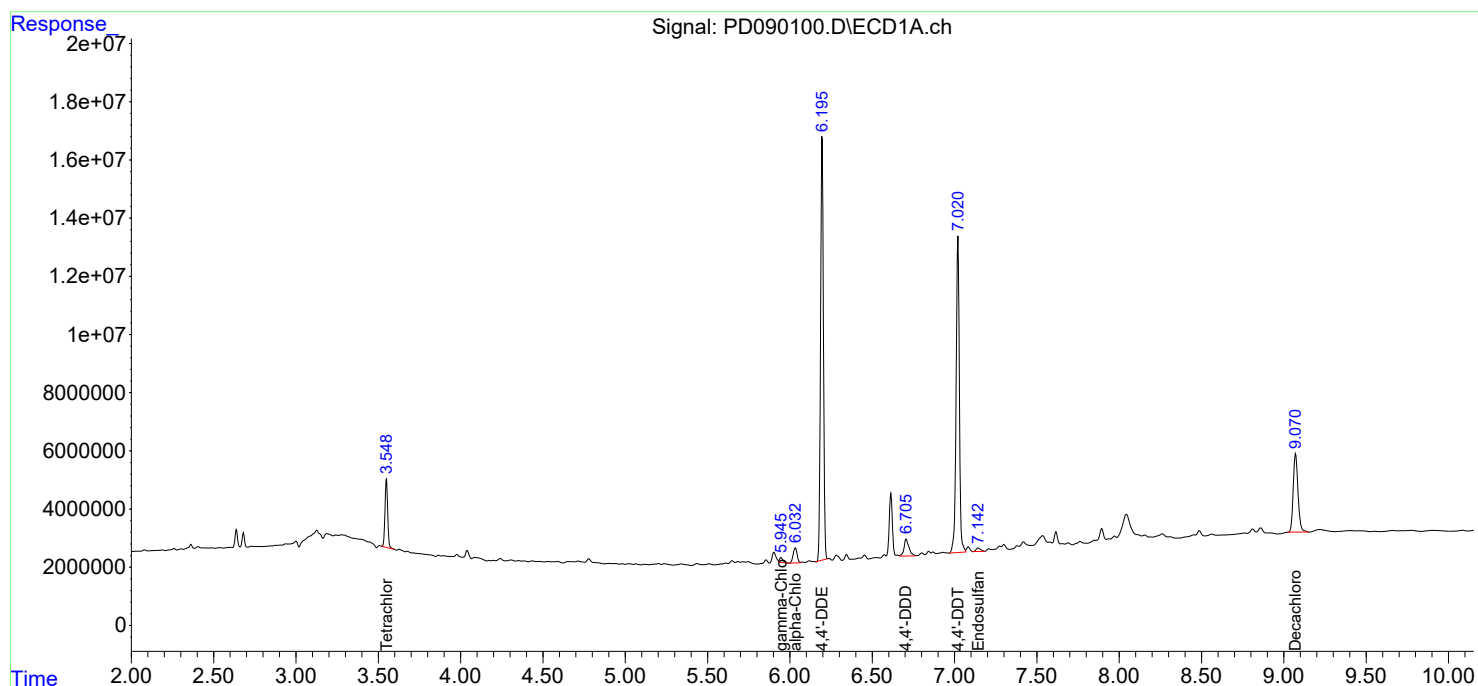
Instrument :  
ECD\_D  
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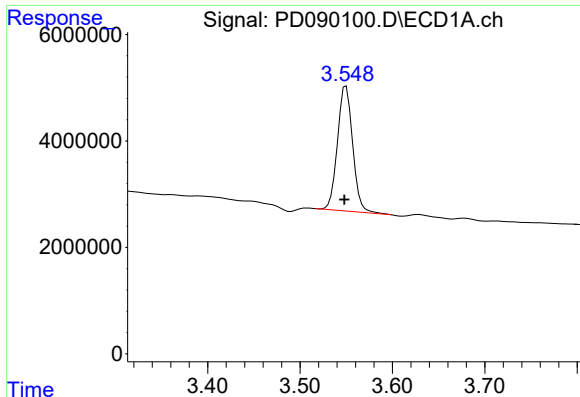
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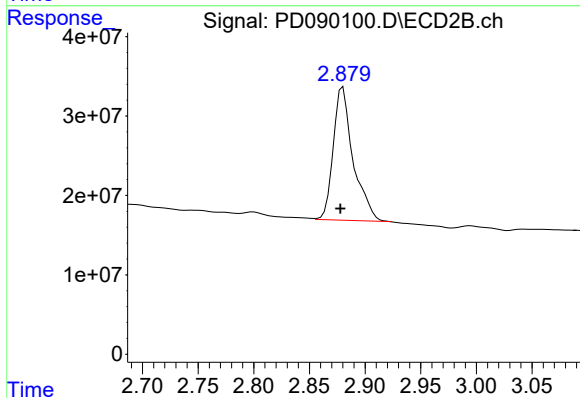
#1 Tetrachloro-m-xylene

R.T.: 3.550 min  
Delta R.T.: 0.002 min  
Response: 26851032  
Conc: 9.15 ng/ml

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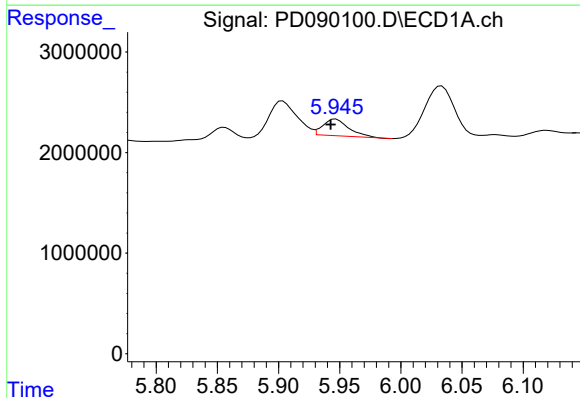
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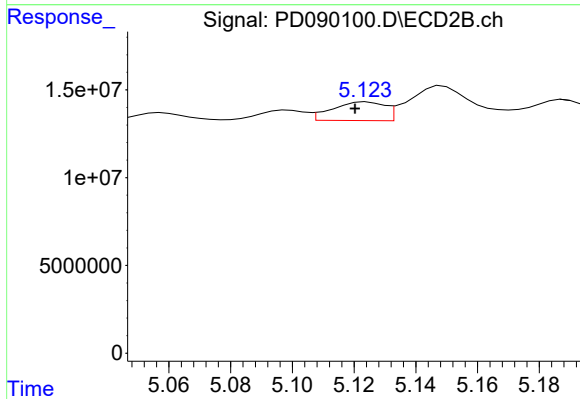
#1 Tetrachloro-m-xylene

R.T.: 2.879 min  
Delta R.T.: 0.000 min  
Response: 208544687  
Conc: 9.46 ng/ml m



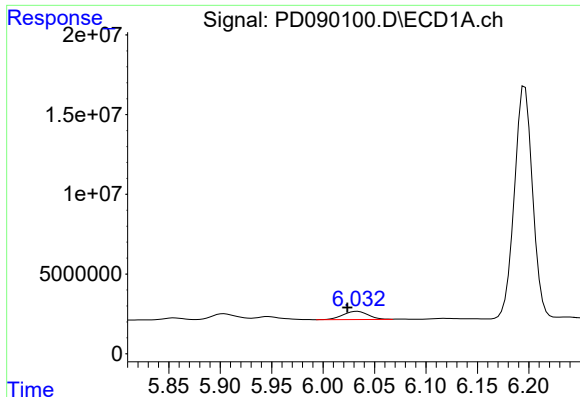
#10 gamma-Chlordane

R.T.: 5.947 min  
Delta R.T.: 0.004 min  
Response: 2449347  
Conc: 0.50 ng/ml



#10 gamma-Chlordane

R.T.: 5.124 min  
Delta R.T.: 0.004 min  
Response: 12564754  
Conc: 0.42 ng/ml



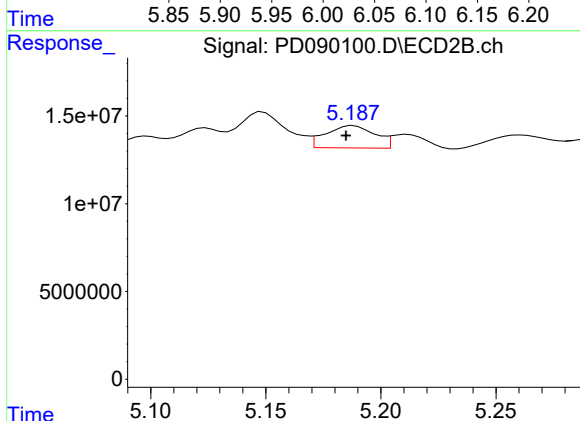
#11 alpha-Chlordane

R.T.: 6.033 min  
Delta R.T.: 0.010 min  
Response: 8750726  
Conc: 1.78 ng/ml

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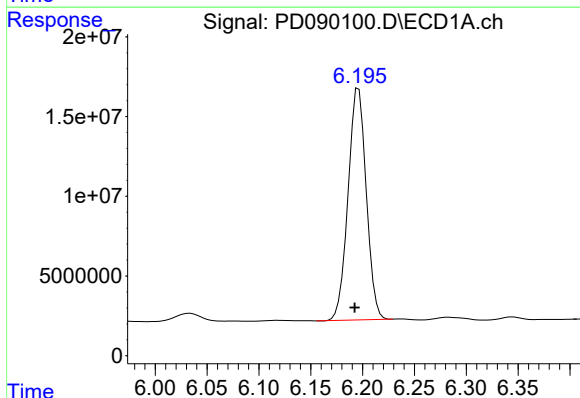
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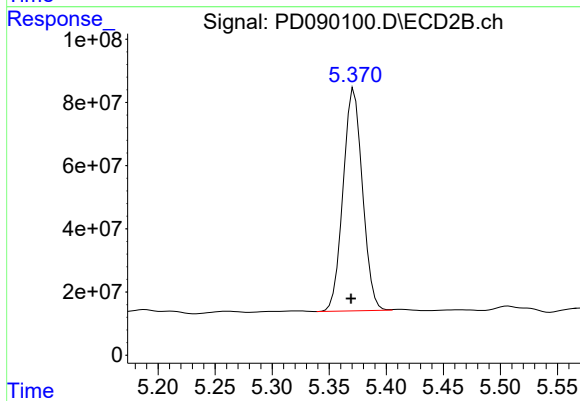
#11 alpha-Chlordane

R.T.: 5.188 min  
Delta R.T.: 0.003 min  
Response: 18849095  
Conc: 0.66 ng/ml



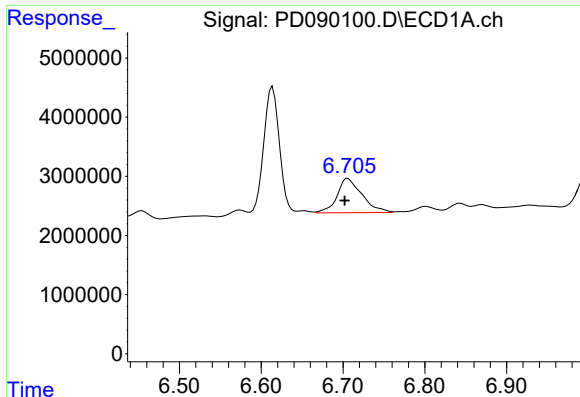
#12 4,4'-DDE

R.T.: 6.196 min  
Delta R.T.: 0.004 min  
Response: 177323318  
Conc: 40.41 ng/ml



#12 4,4'-DDE

R.T.: 5.372 min  
Delta R.T.: 0.003 min  
Response: 831733112  
Conc: 28.86 ng/ml



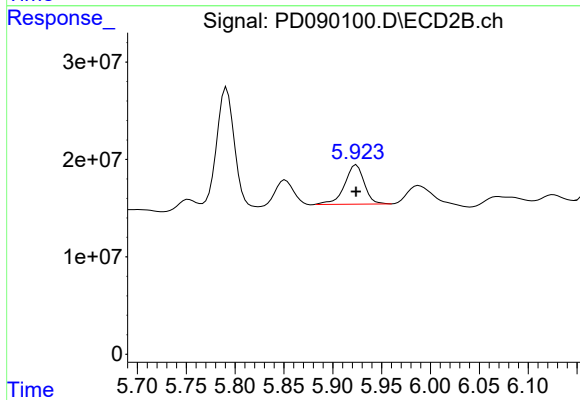
#16 4,4'-DDD

R.T.: 6.705 min  
Delta R.T.: 0.003 min  
Response: 12227970  
Conc: 3.54 ng/ml

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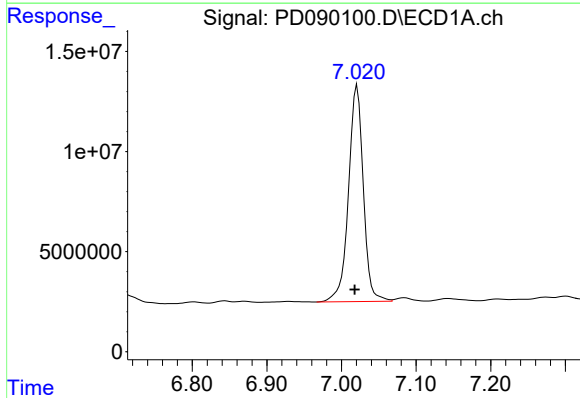
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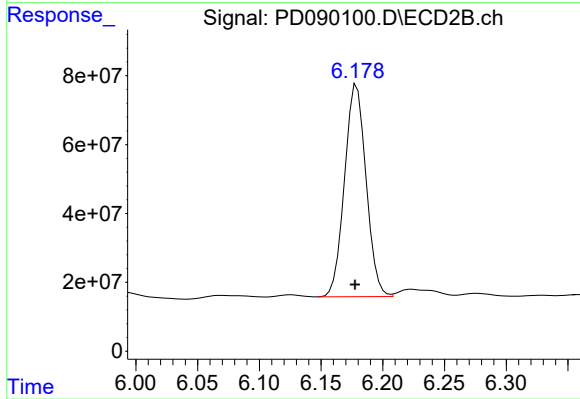
#16 4,4'-DDD

R.T.: 5.924 min  
Delta R.T.: 0.000 min  
Response: 56552222  
Conc: 2.35 ng/ml



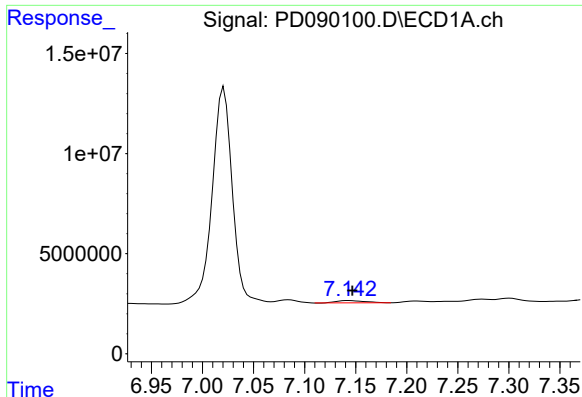
#17 4,4'-DDT

R.T.: 7.021 min  
Delta R.T.: 0.003 min  
Response: 149097931  
Conc: 39.14 ng/ml



#17 4,4'-DDT

R.T.: 6.179 min  
Delta R.T.: 0.001 min  
Response: 749693018  
Conc: 29.90 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.143 min  
Delta R.T.: -0.004 min  
Response: 2224594  
Conc: 0.57 ng/ml

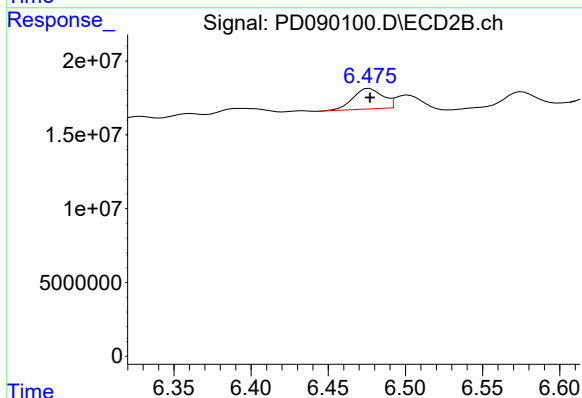
Instrument :

ECD\_D

ClientSampleId :  
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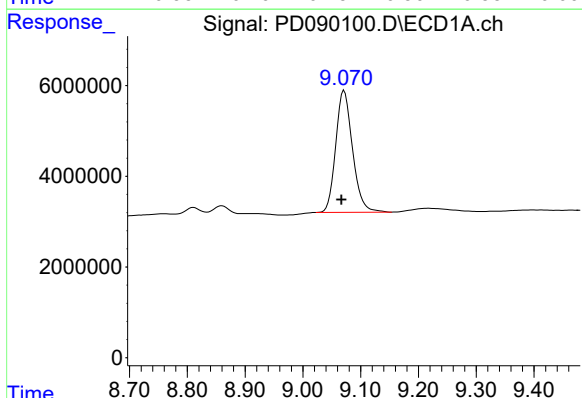
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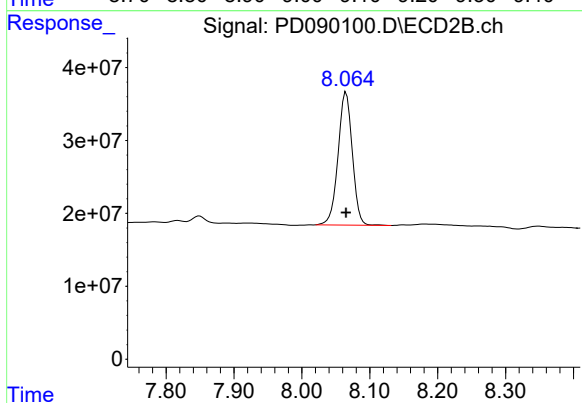
#19 Endosulfan Sulfate

R.T.: 6.477 min  
Delta R.T.: 0.000 min  
Response: 18354423  
Conc: 0.75 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.072 min  
Delta R.T.: 0.005 min  
Response: 54170393  
Conc: 12.55 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.065 min  
Delta R.T.: 0.000 min  
Response: 266715673  
Conc: 10.30 ng/ml