

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD062625\  
 Data File : PD089168.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 26 Jun 2025 15:16  
 Operator : AR\AJ  
 Sample : Q2419-01  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 EO-3-6-25-2025

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 06/27/2025  
 Supervised By : mohammad ahmed 06/30/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 26 23:29:59 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061825.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jun 18 05:39:05 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... | 3.555 | 2.880 | 30941084 | 217.6E6  | 10.845 | 12.836   |
| 28)                         | SA Decachlor... | 9.078 | 8.073 | 76088164 | 248.5E6  | 19.373 | 12.568 # |
| Target Compounds            |                 |       |       |          |          |        |          |
| 10)                         | B gamma-Chl...  | 5.949 | 5.125 | 10634239 | 34751116 | 2.221m | 1.453m#  |
| 11)                         | B alpha-Chl...  | 6.036 | 5.189 | 19545321 | 51052508 | 4.040  | 2.230m#  |
| 12)                         | B 4,4'-DDE      | 6.200 | 5.374 | 7707360  | 45499920 | 1.767m | 1.986m   |
| 16)                         | A 4,4'-DDD      | 6.706 | 5.928 | 4016011  | 24799856 | 1.170m | 1.296m   |
| 17)                         | MA 4,4'-DDT     | 7.024 | 6.182 | 5780920  | 54820228 | 1.526m | 2.703 #  |
| 19)                         | B Endosulfa...  | 7.143 | 6.480 | 1878734  | 13565840 | 0.490m | 0.691m#  |
| -----                       |                 |       |       |          |          |        |          |

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

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Misc :  
ALS Vial : 13 Sample Multiplier: 1

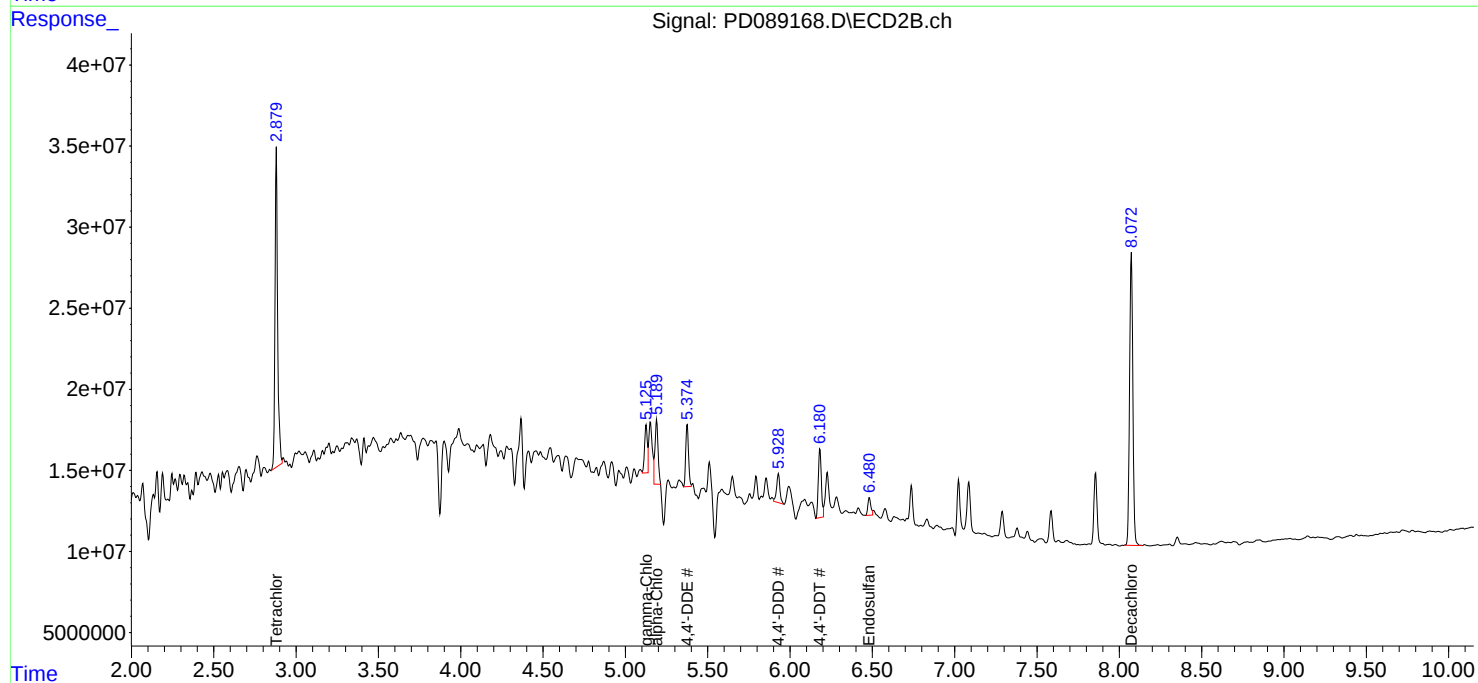
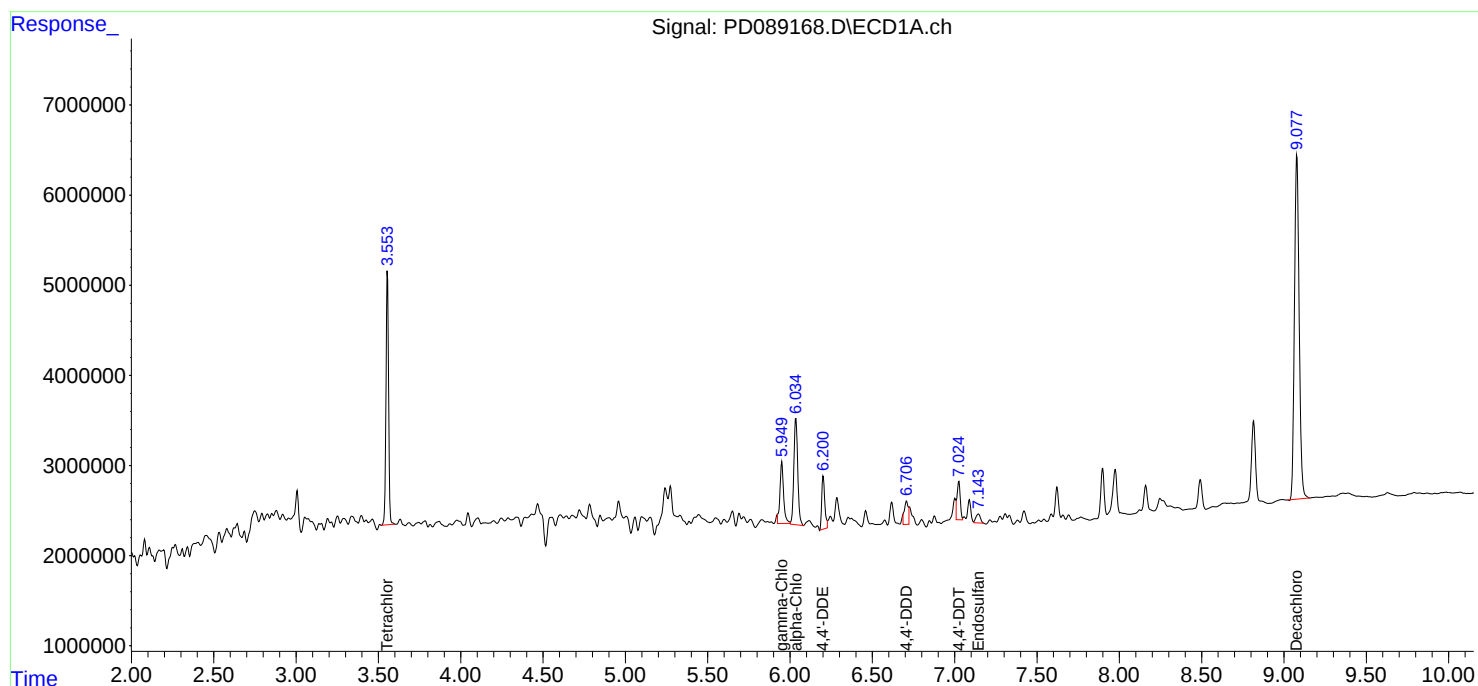
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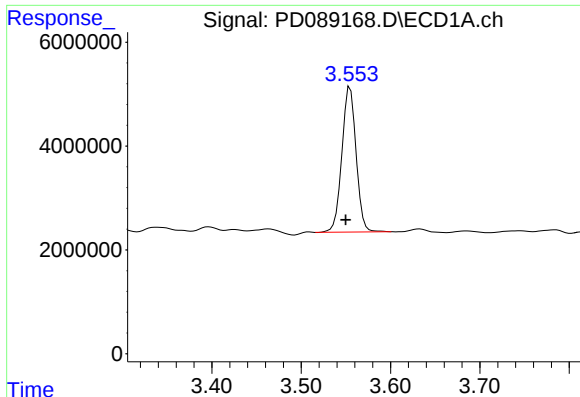
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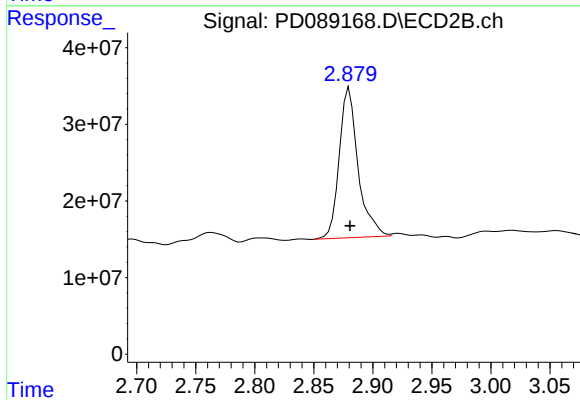
#1 Tetrachloro-m-xylene

R.T.: 3.555 min  
Delta R.T.: 0.005 min  
Response: 30941084  
Conc: 10.84 ng/ml

Instrument :  
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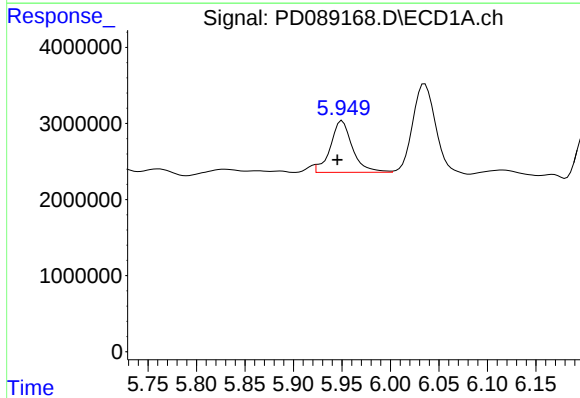
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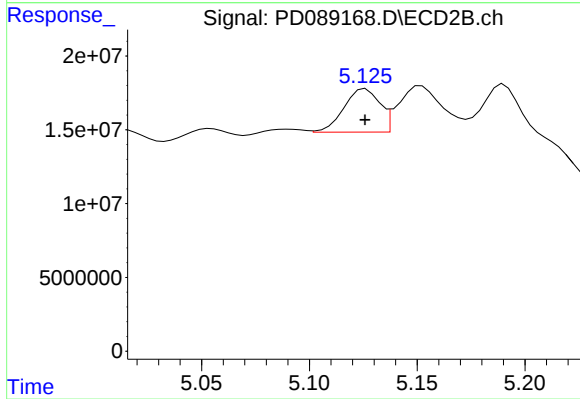
#1 Tetrachloro-m-xylene

R.T.: 2.880 min  
Delta R.T.: 0.000 min  
Response: 217611893  
Conc: 12.84 ng/ml



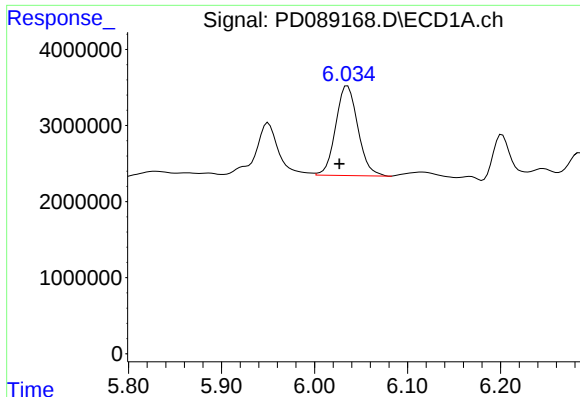
#10 gamma-Chlordane

R.T.: 5.949 min  
Delta R.T.: 0.003 min  
Response: 10634239  
Conc: 2.22 ng/ml m



#10 gamma-Chlordane

R.T.: 5.125 min  
Delta R.T.: -0.001 min  
Response: 34751116  
Conc: 1.45 ng/ml m



#11 alpha-Chlordane

R.T.: 6.036 min  
Delta R.T.: 0.009 min  
Response: 19545321  
Conc: 4.04 ng/ml

Instrument :

ECD\_D

ClientSampleId :

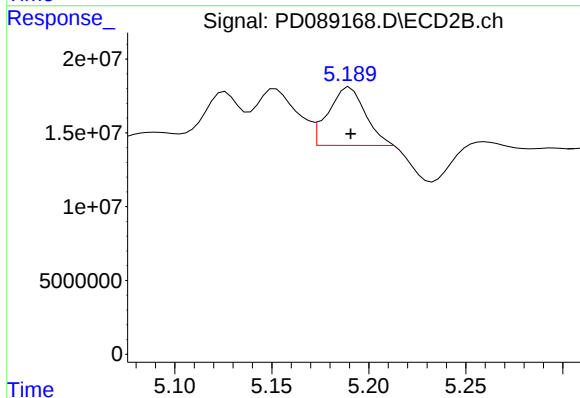
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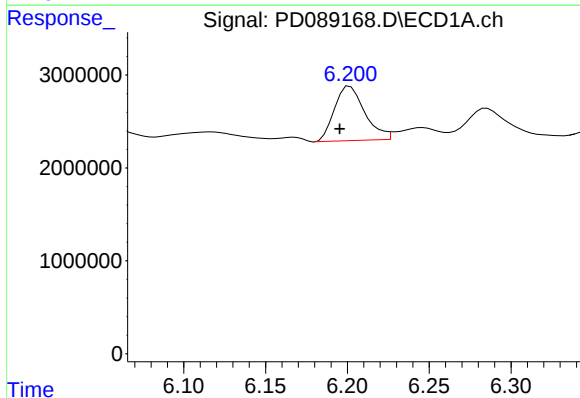
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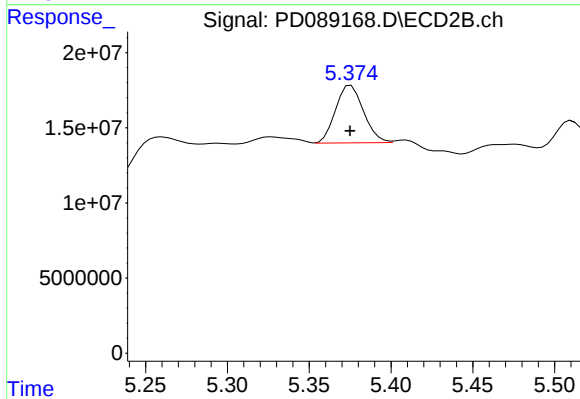
#11 alpha-Chlordane

R.T.: 5.189 min  
Delta R.T.: -0.002 min  
Response: 51052508  
Conc: 2.23 ng/ml m



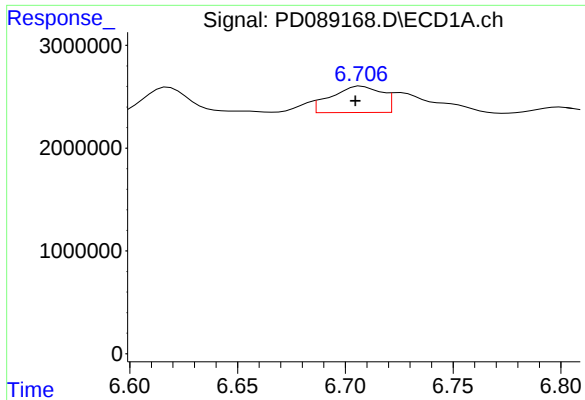
#12 4,4'-DDE

R.T.: 6.200 min  
Delta R.T.: 0.005 min  
Response: 7707360  
Conc: 1.77 ng/ml m



#12 4,4'-DDE

R.T.: 5.374 min  
Delta R.T.: 0.000 min  
Response: 45499920  
Conc: 1.99 ng/ml m



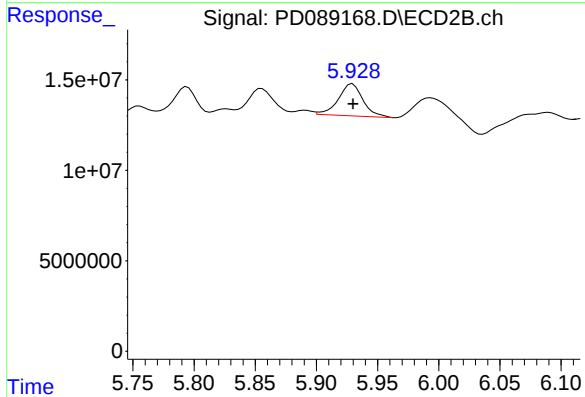
#16 4,4'-DDD

R.T.: 6.706 min  
Delta R.T.: 0.002 min  
Response: 4016011  
Conc: 1.17 ng/ml

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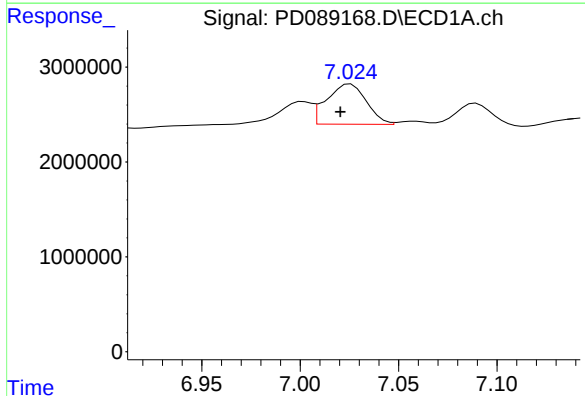
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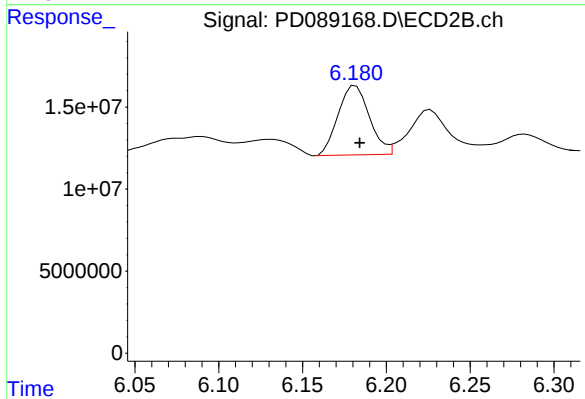
#16 4,4'-DDD

R.T.: 5.928 min  
Delta R.T.: -0.002 min  
Response: 24799856  
Conc: 1.30 ng/ml m



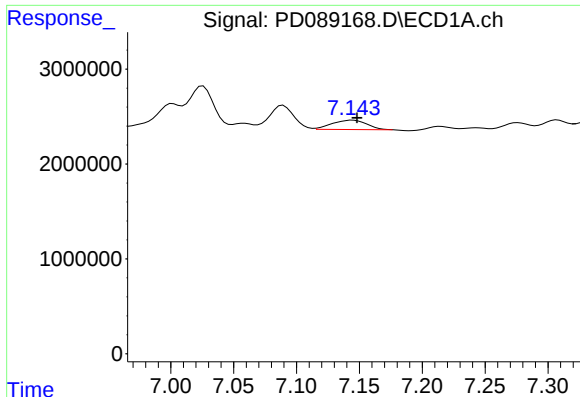
#17 4,4'-DDT

R.T.: 7.024 min  
Delta R.T.: 0.004 min  
Response: 5780920  
Conc: 1.53 ng/ml m



#17 4,4'-DDT

R.T.: 6.182 min  
Delta R.T.: -0.002 min  
Response: 54820228  
Conc: 2.70 ng/ml



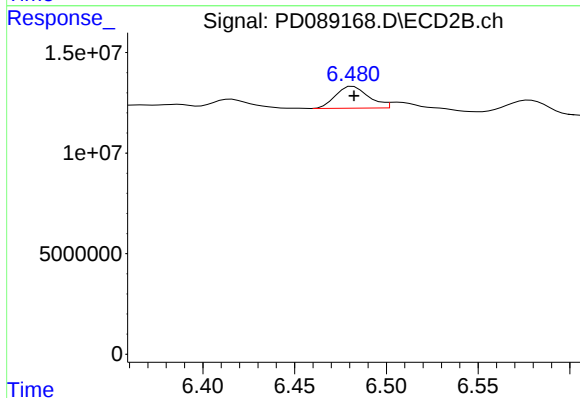
#19 Endosulfan Sulfate

R.T.: 7.143 min  
Delta R.T.: -0.005 min  
Response: 1878734  
Conc: 0.49 ng/ml

Instrument :  
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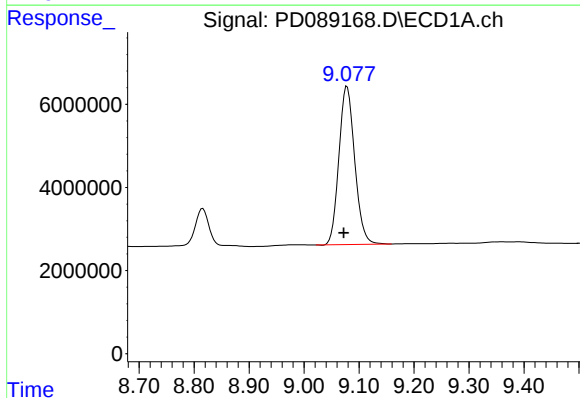
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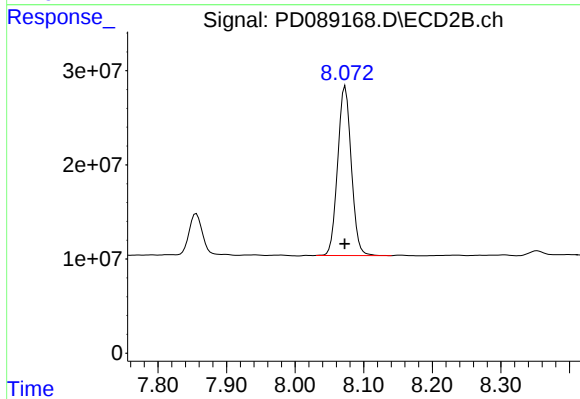
#19 Endosulfan Sulfate

R.T.: 6.480 min  
Delta R.T.: -0.002 min  
Response: 13565840  
Conc: 0.69 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.078 min  
Delta R.T.: 0.006 min  
Response: 76088164  
Conc: 19.37 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.073 min  
Delta R.T.: 0.000 min  
Response: 248472337  
Conc: 12.57 ng/ml