

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD071425\  
 Data File : PD089488.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 Jul 2025 19:42  
 Operator : AR\AJ  
 Sample : Q2558-03  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 OU4-TS-Grillo-OG-070925

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 07/22/2025  
 Supervised By :mohammad ahmed 07/22/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 15 08:18:06 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... | 3.549 | 2.880 | 28270339 | 188.0E6  | 9.909  | 11.088  |
| 28)                         | SA Decachlor... | 9.070 | 8.069 | 26938948 | 152.5E6  | 6.859  | 7.714   |
| Target Compounds            |                 |       |       |          |          |        |         |
| 4)                          | MA Heptachlor   | 4.927 | 4.080 | 1939523  | 16584901 | 0.356m | 0.662m# |
| 10)                         | B gamma-Chl...  | 5.945 | 5.122 | 34050398 | 105.0E6  | 7.111  | 4.387m# |
| 11)                         | B alpha-Chl...  | 6.028 | 5.186 | 65605708 | 192.8E6  | 13.559 | 8.421m# |
| 12)                         | B 4,4'-DDE      | 6.193 | 5.373 | 31326163 | 188.8E6  | 7.183  | 8.238   |
| 16)                         | A 4,4'-DDD      | 6.701 | 5.926 | 6241974  | 47765604 | 1.819m | 2.497m# |
| 17)                         | MA 4,4'-DDT     | 7.018 | 6.179 | 22210651 | 126.5E6  | 5.863  | 6.236m  |
| -----                       |                 |       |       |          |          |        |         |

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

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Misc :  
ALS Vial : 13 Sample Multiplier: 1

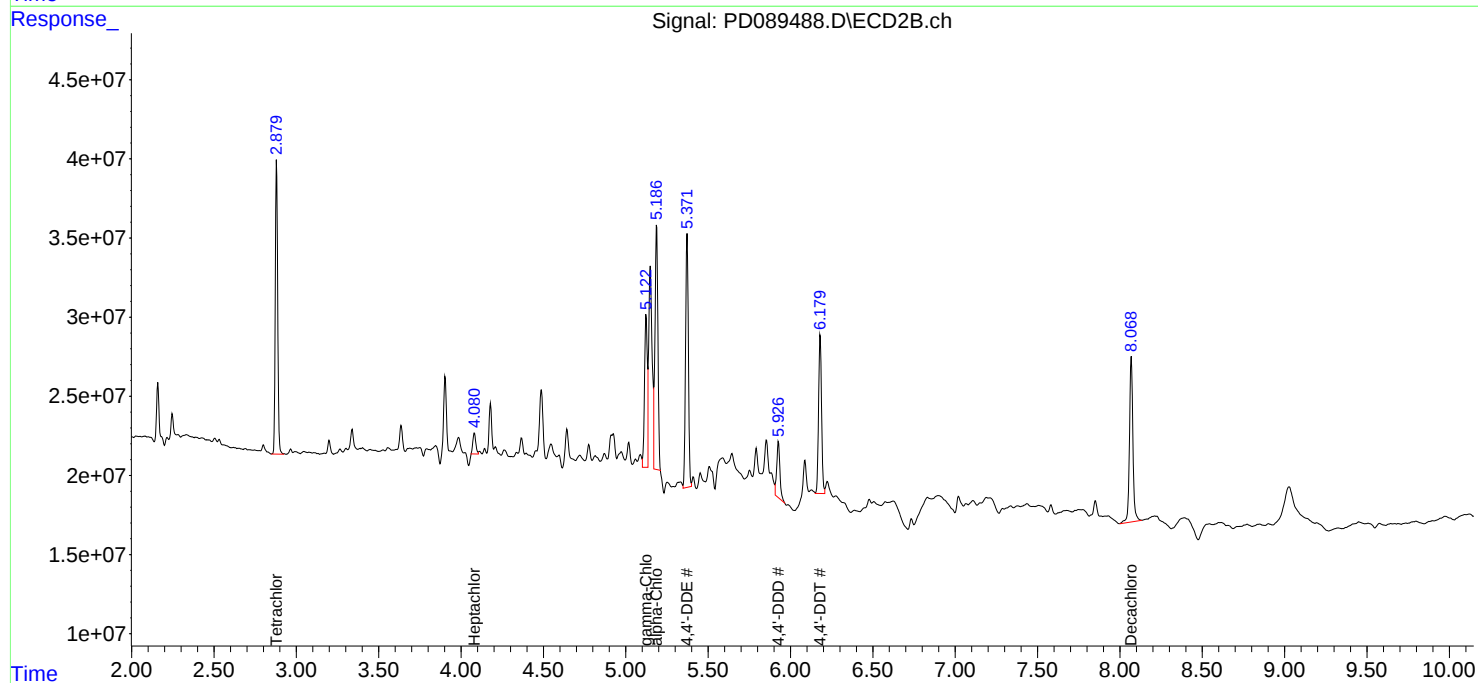
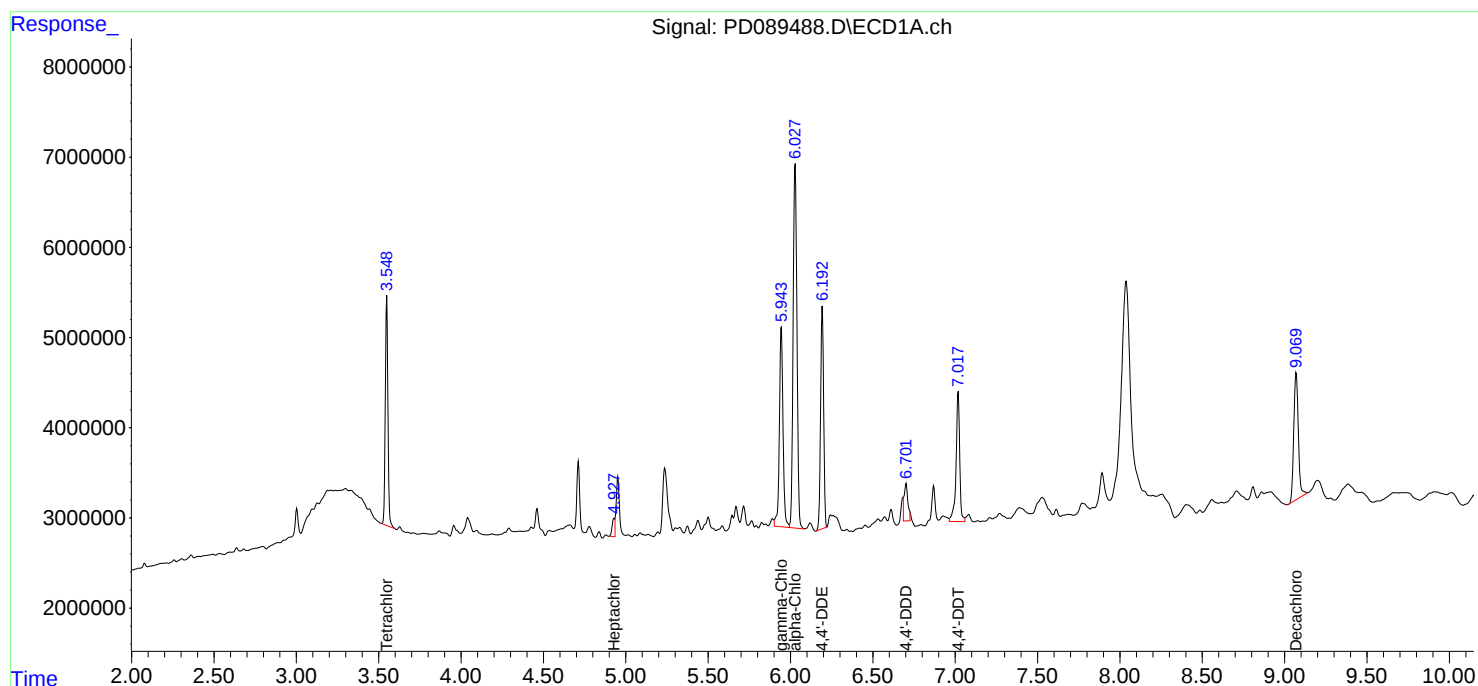
Instrument :  
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OU4-TS-Grillo-OG-070925

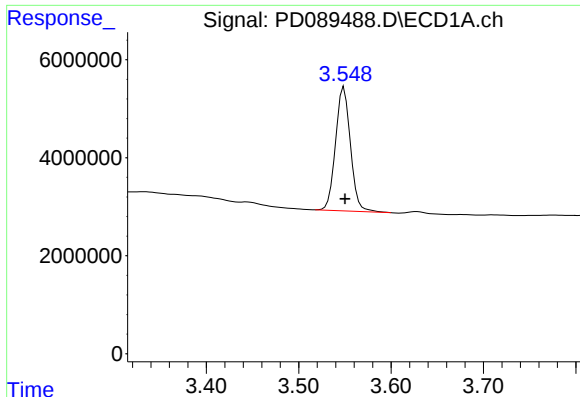
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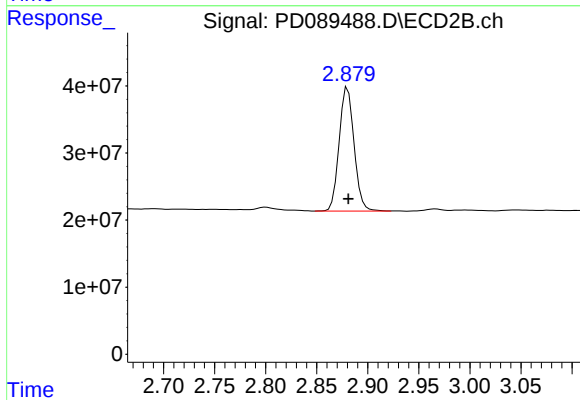
#1 Tetrachloro-m-xylene

R.T.: 3.549 min  
Delta R.T.: 0.000 min  
Response: 28270339  
Conc: 9.91 ng/ml

Instrument :  
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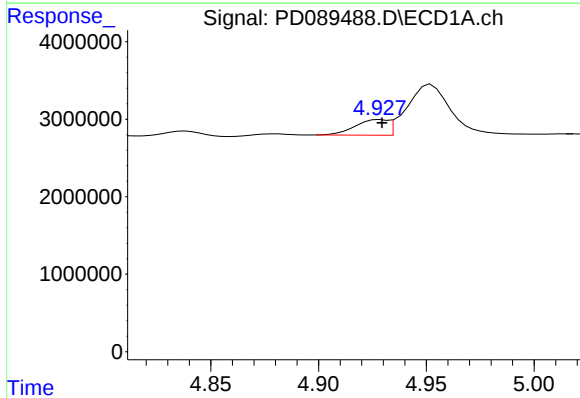
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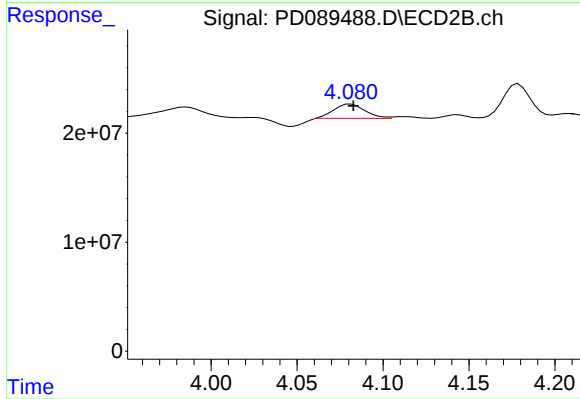
#1 Tetrachloro-m-xylene

R.T.: 2.880 min  
Delta R.T.: 0.000 min  
Response: 187971671  
Conc: 11.09 ng/ml



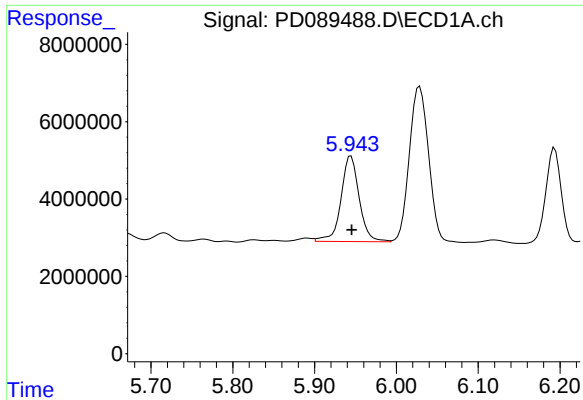
#4 Heptachlor

R.T.: 4.927 min  
Delta R.T.: -0.002 min  
Response: 1939523  
Conc: 0.36 ng/ml m



#4 Heptachlor

R.T.: 4.080 min  
Delta R.T.: -0.003 min  
Response: 16584901  
Conc: 0.66 ng/ml m



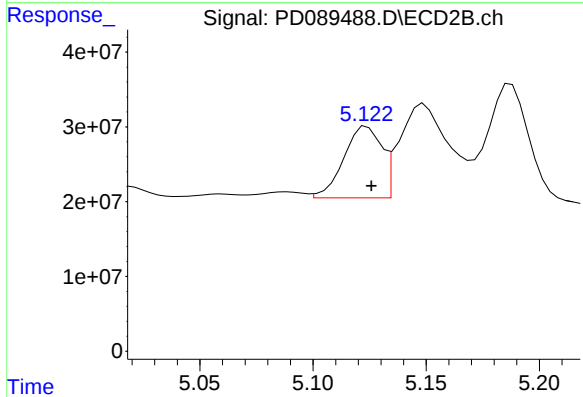
#10 gamma-Chlordane

R.T.: 5.945 min  
Delta R.T.: 0.000 min  
Response: 34050398  
Conc: 7.11 ng/ml

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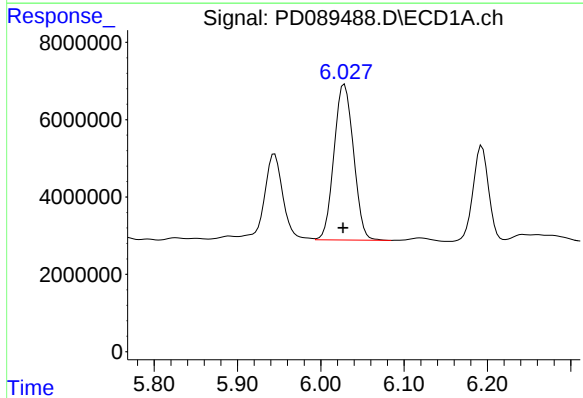
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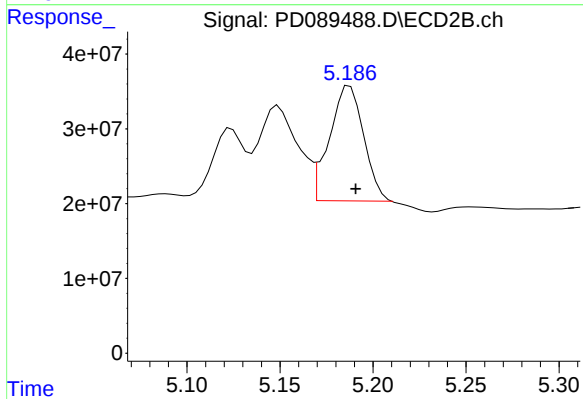
#10 gamma-Chlordane

R.T.: 5.122 min  
Delta R.T.: -0.003 min  
Response: 104954739  
Conc: 4.39 ng/ml m



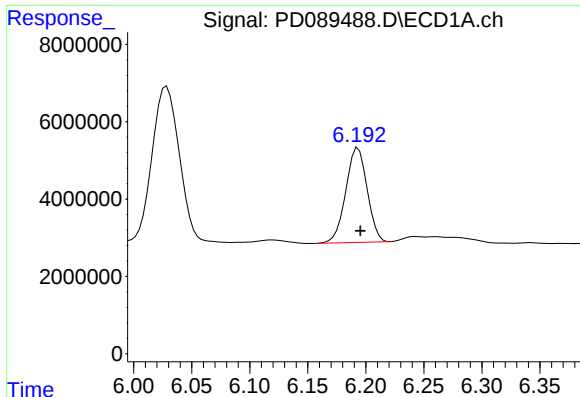
#11 alpha-Chlordane

R.T.: 6.028 min  
Delta R.T.: 0.002 min  
Response: 65605708  
Conc: 13.56 ng/ml



#11 alpha-Chlordane

R.T.: 5.186 min  
Delta R.T.: -0.005 min  
Response: 192808742  
Conc: 8.42 ng/ml m



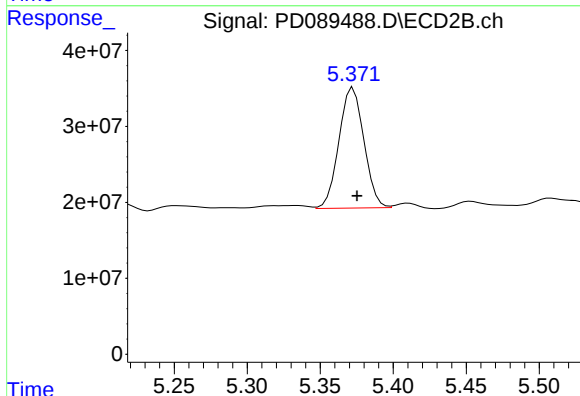
#12 4,4'-DDE

R.T.: 6.193 min  
Delta R.T.: -0.002 min  
Response: 31326163  
Conc: 7.18 ng/ml

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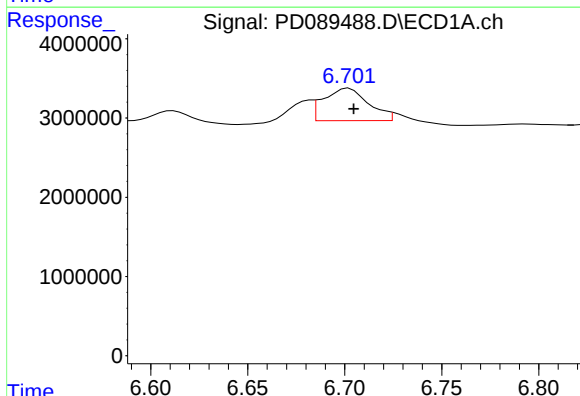
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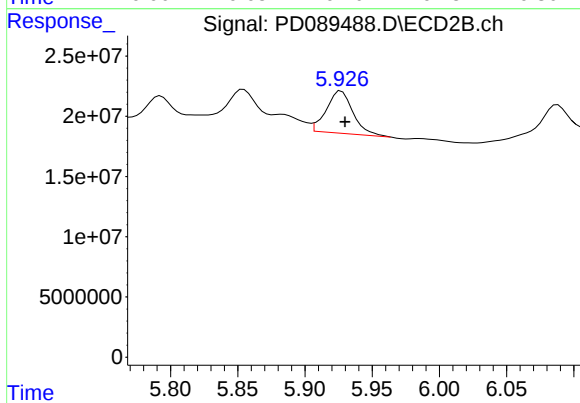
#12 4,4'-DDE

R.T.: 5.373 min  
Delta R.T.: -0.003 min  
Response: 188778868  
Conc: 8.24 ng/ml



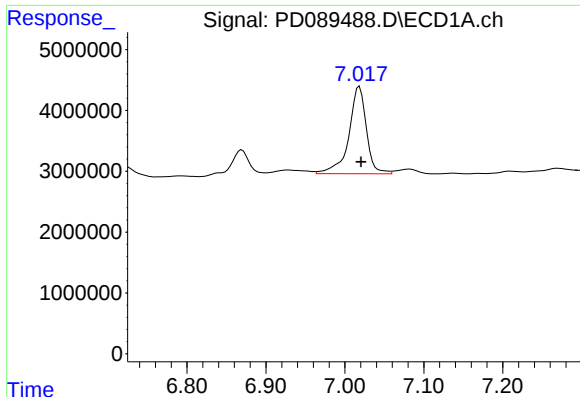
#16 4,4'-DDD

R.T.: 6.701 min  
Delta R.T.: -0.004 min  
Response: 6241974  
Conc: 1.82 ng/ml m



#16 4,4'-DDD

R.T.: 5.926 min  
Delta R.T.: -0.004 min  
Response: 47765604  
Conc: 2.50 ng/ml m



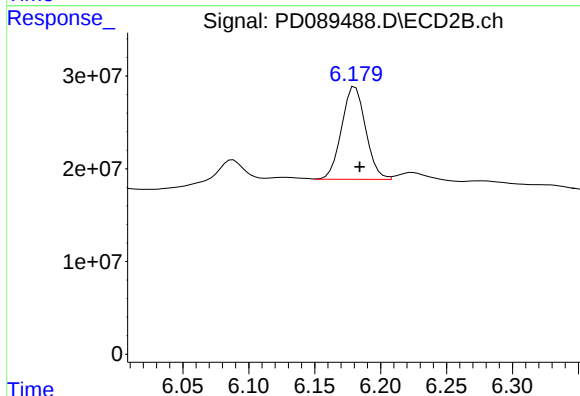
#17 4,4'-DDT

R.T.: 7.018 min  
Delta R.T.: -0.002 min  
Response: 22210651  
Conc: 5.86 ng/ml

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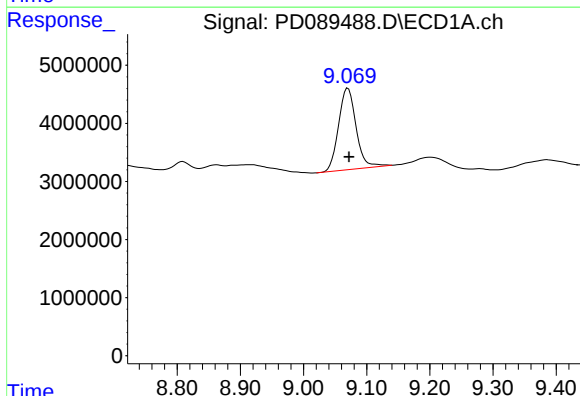
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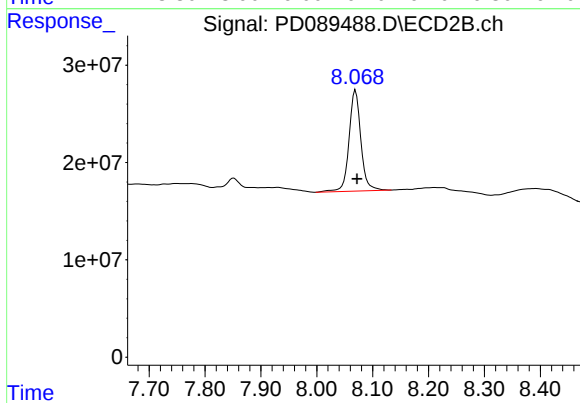
#17 4,4'-DDT

R.T.: 6.179 min  
Delta R.T.: -0.005 min  
Response: 126470514  
Conc: 6.24 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.070 min  
Delta R.T.: -0.002 min  
Response: 26938948  
Conc: 6.86 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.069 min  
Delta R.T.: -0.003 min  
Response: 152507452  
Conc: 7.71 ng/ml