

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL091425\  
 Data File : PL097196.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 12 Sep 2025 15:31  
 Operator : AR\AJ  
 Sample : Q3082-03  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 WC-30

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 09/16/2025  
 Supervised By :mohammad ahmed 09/17/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 13 02:10:45 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL082025.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Aug 21 06:34:01 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 x0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-----------------|-------|-------|----------|----------|---------|---------|
| -----                       |                 |       |       |          |          |         |         |
| System Monitoring Compounds |                 |       |       |          |          |         |         |
| 1)                          | SA Tetrachlo... | 3.525 | 2.820 | 56656557 | 81771346 | 14.366m | 14.507m |
| 28)                         | SA Decachlor... | 9.002 | 7.982 | 34561935 | 56160555 | 11.674  | 11.710m |
| Target Compounds            |                 |       |       |          |          |         |         |
| 8)                          | B Heptachlo...  | 5.650 | 4.790 | 4143197  | 7724370  | 0.805m  | 1.221 # |
| 10)                         | B gamma-Chl...  | 5.905 | 5.041 | 32415054 | 21232029 | 7.038m  | 3.212m# |
| 11)                         | B alpha-Chl...  | 5.992 | 5.105 | 60937376 | 43497572 | 12.949  | 6.661 # |
| 12)                         | B 4,4'-DDE      | 6.157 | 5.293 | 3459184  | 7037237  | 0.867m  | 1.143m# |
| 13)                         | MA Dieldrin     | 6.308 | 5.427 | 3252948  | 22089857 | 0.716m  | 3.371 # |
| 14)                         | MA Endrin       | 6.533 | 5.707 | 2075108  | 11820766 | 0.554m  | 2.001m# |
| 17)                         | MA 4,4'-DDT     | 6.981 | 6.097 | 6985276  | 14799196 | 1.994   | 2.702m# |
| -----                       |                 |       |       |          |          |         |         |

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

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Acq On : 12 Sep 2025 15:31  
Operator : AR\AJ  
Sample : Q3082-03  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

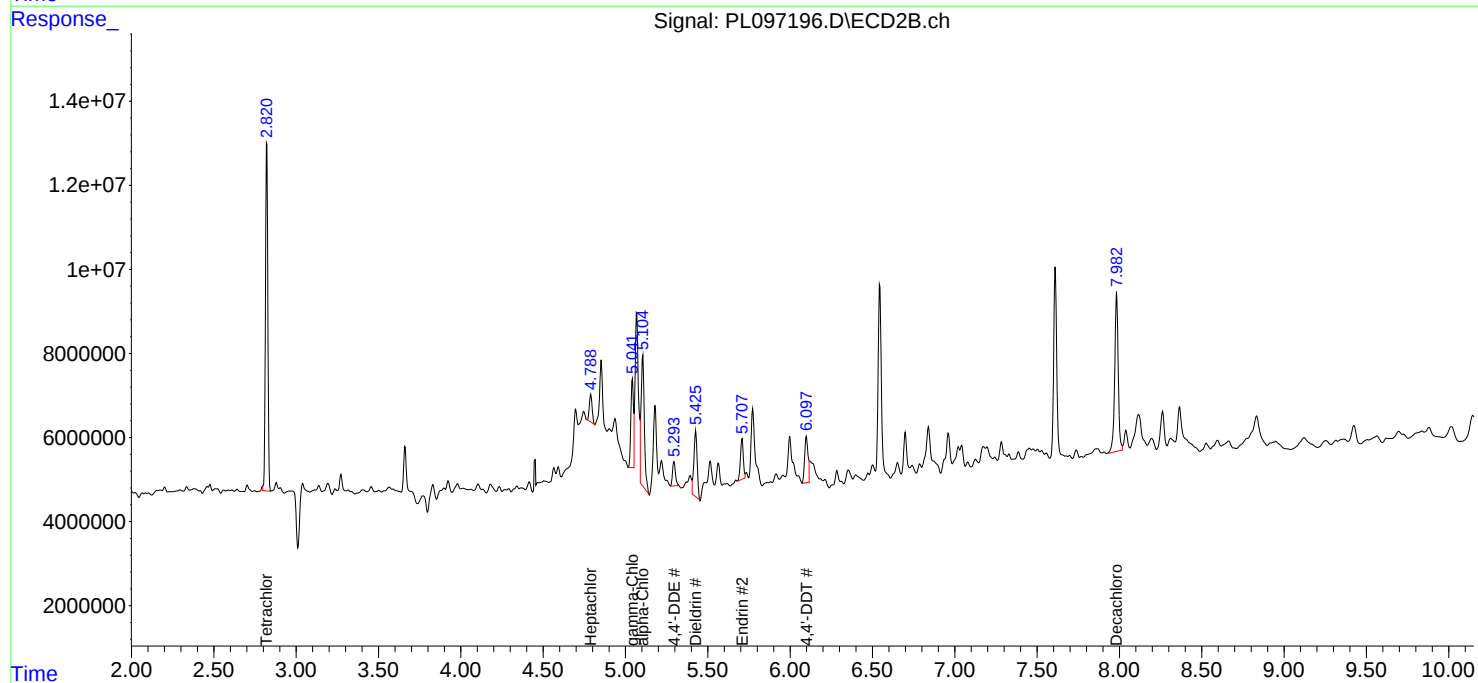
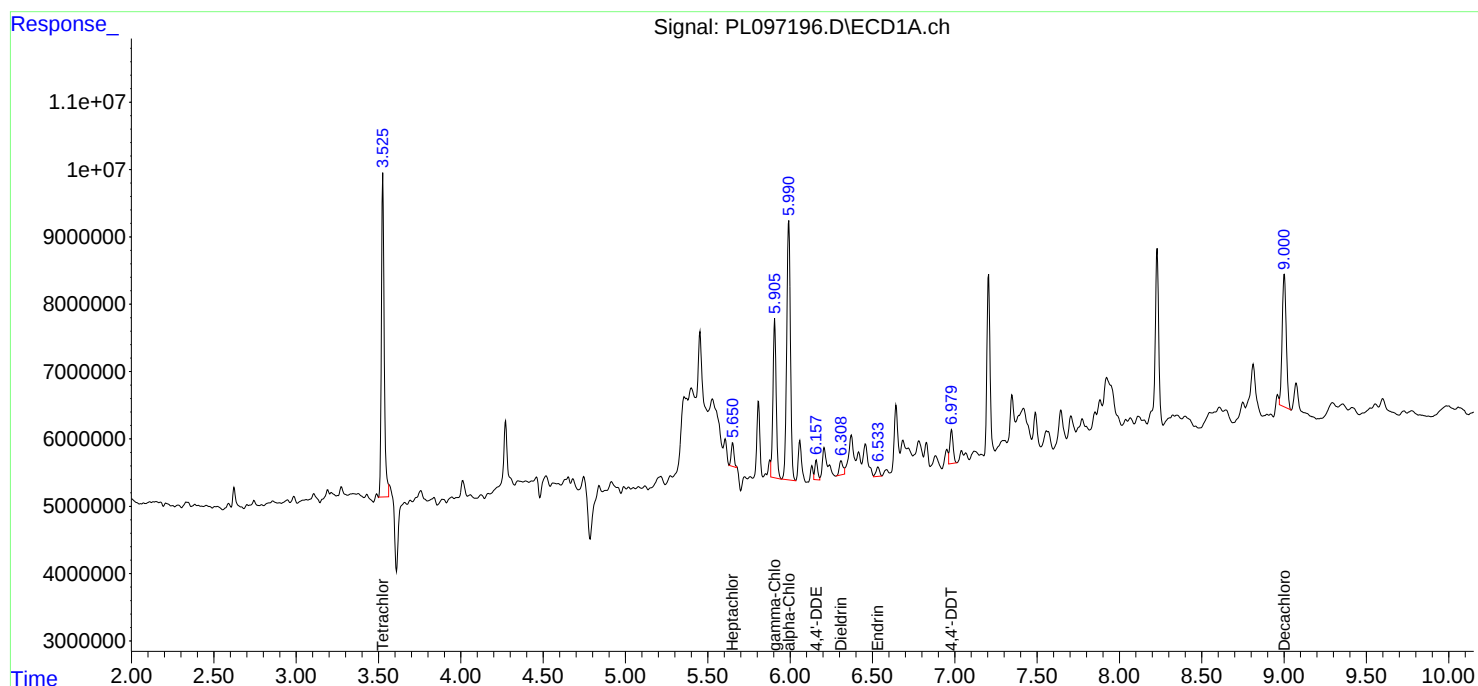
Instrument :  
ECD\_L  
ClientSampleId :  
WC-30

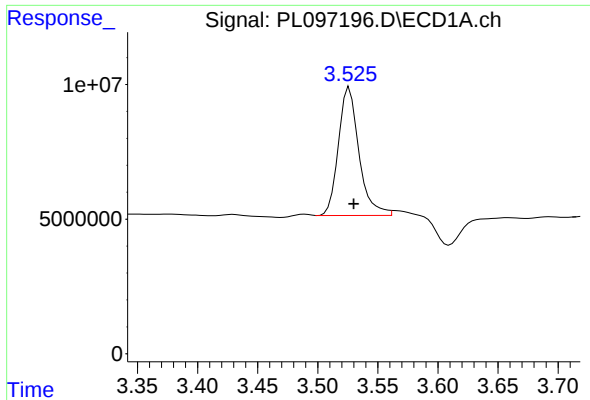
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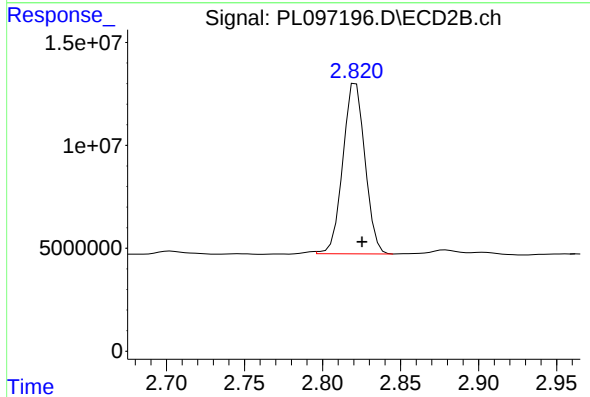
#1 Tetrachloro-m-xylene

R.T.: 3.525 min  
Delta R.T.: -0.005 min  
Response: 56656557  
Conc: 14.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-30

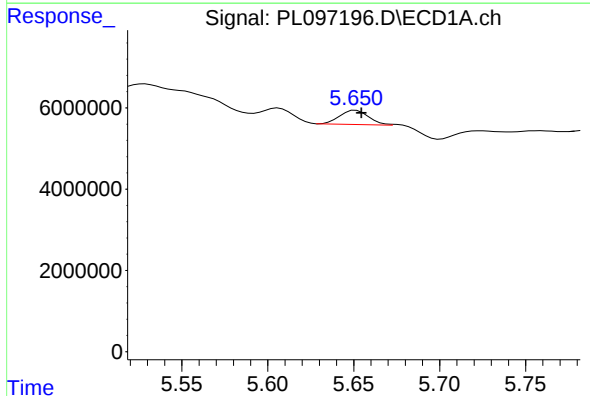
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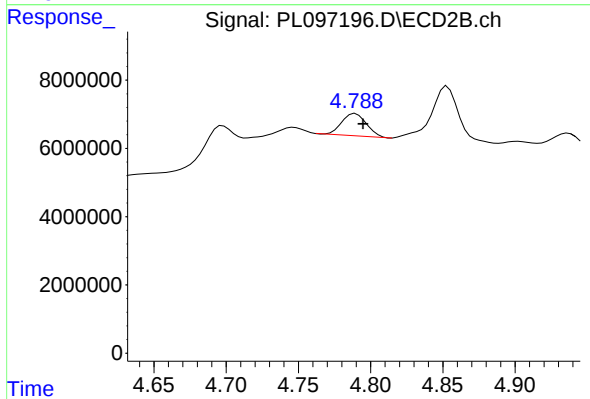
#1 Tetrachloro-m-xylene

R.T.: 2.820 min  
Delta R.T.: -0.005 min  
Response: 81771346  
Conc: 14.51 ng/ml m



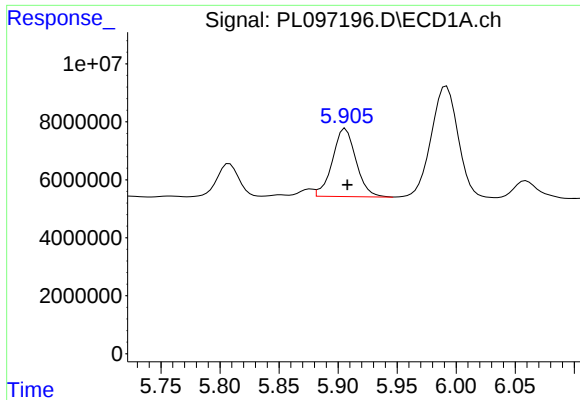
#8 Heptachlor epoxide

R.T.: 5.650 min  
Delta R.T.: -0.005 min  
Response: 4143197  
Conc: 0.81 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.790 min  
Delta R.T.: -0.005 min  
Response: 7724370  
Conc: 1.22 ng/ml



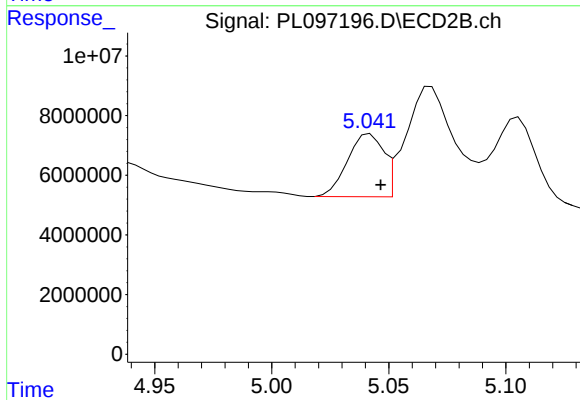
#10 gamma-Chlordane

R.T.: 5.905 min  
Delta R.T.: -0.003 min  
Response: 32415054  
Conc: 7.04 ng/ml

Instrument :  
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ClientSampleId :  
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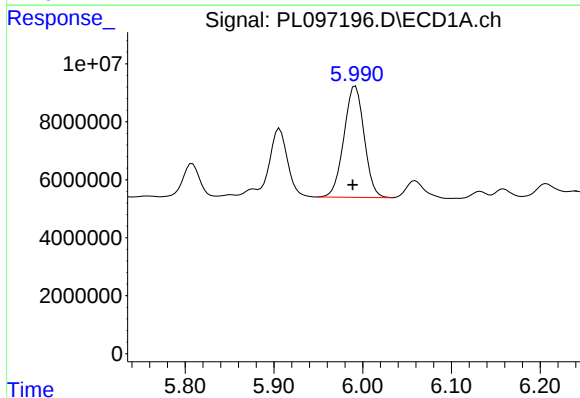
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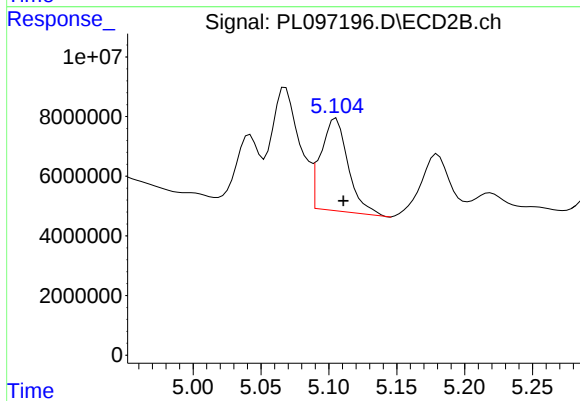
#10 gamma-Chlordane

R.T.: 5.041 min  
Delta R.T.: -0.006 min  
Response: 21232029  
Conc: 3.21 ng/ml m



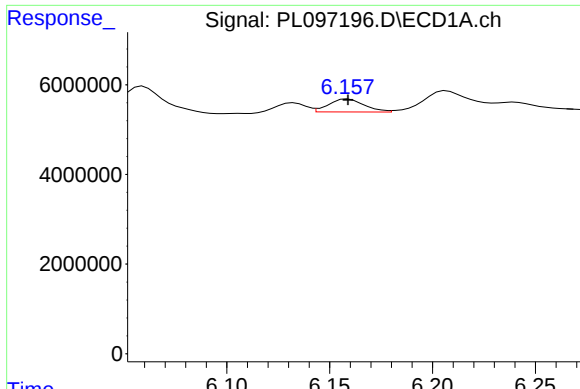
#11 alpha-Chlordane

R.T.: 5.992 min  
Delta R.T.: 0.003 min  
Response: 60937376  
Conc: 12.95 ng/ml



#11 alpha-Chlordane

R.T.: 5.105 min  
Delta R.T.: -0.005 min  
Response: 43497572  
Conc: 6.66 ng/ml



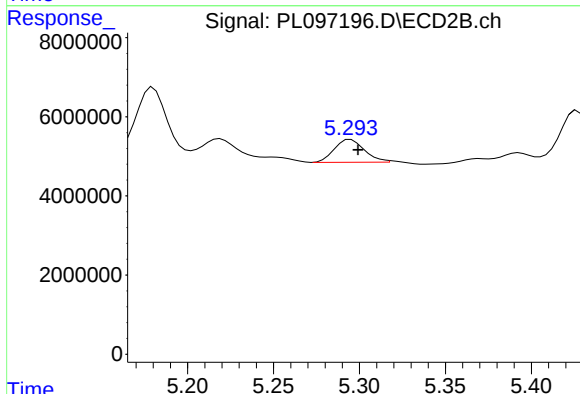
#12 4,4'-DDE

R.T.: 6.157 min  
Delta R.T.: -0.002 min  
Response: 3459184  
Conc: 0.87 ng/ml

Instrument :  
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ClientSampleId :  
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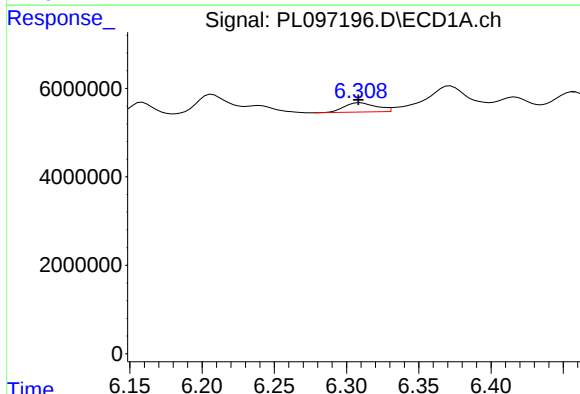
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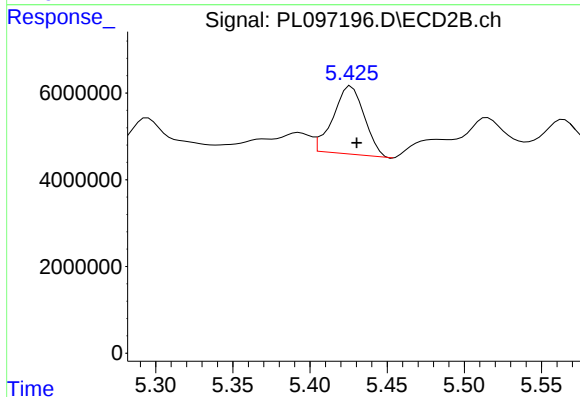
#12 4,4'-DDE

R.T.: 5.293 min  
Delta R.T.: -0.006 min  
Response: 7037237  
Conc: 1.14 ng/ml m



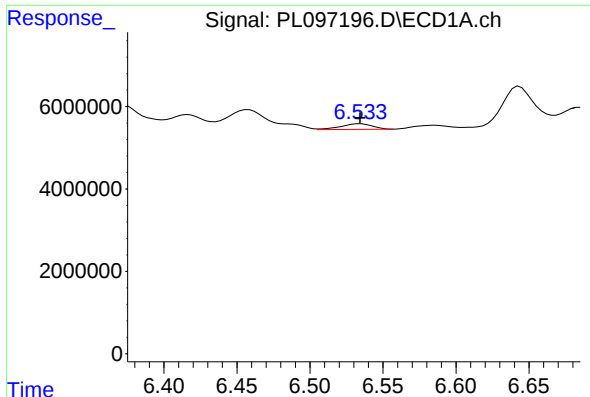
#13 Dieldrin

R.T.: 6.308 min  
Delta R.T.: 0.000 min  
Response: 3252948  
Conc: 0.72 ng/ml m



#13 Dieldrin

R.T.: 5.427 min  
Delta R.T.: -0.003 min  
Response: 22089857  
Conc: 3.37 ng/ml



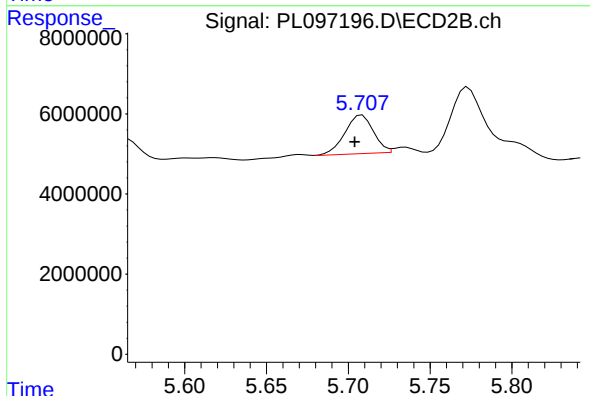
#14 Endrin

R.T.: 6.533 min  
Delta R.T.: -0.002 min  
Response: 2075108  
Conc: 0.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-30

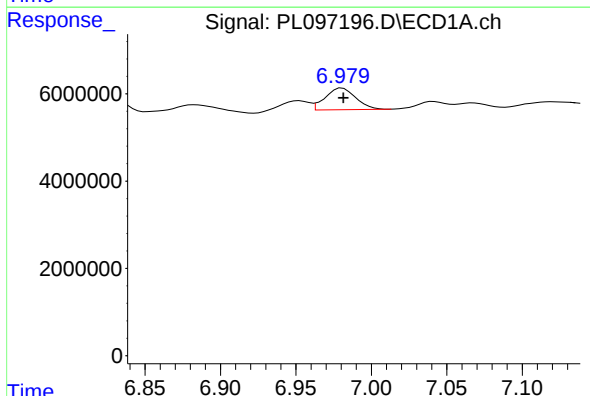
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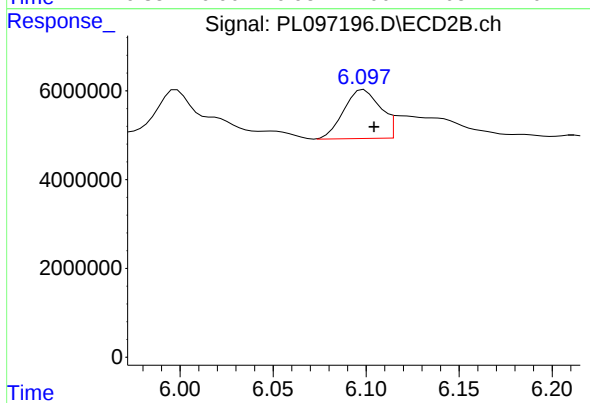
#14 Endrin

R.T.: 5.707 min  
Delta R.T.: 0.003 min  
Response: 11820766  
Conc: 2.00 ng/ml m



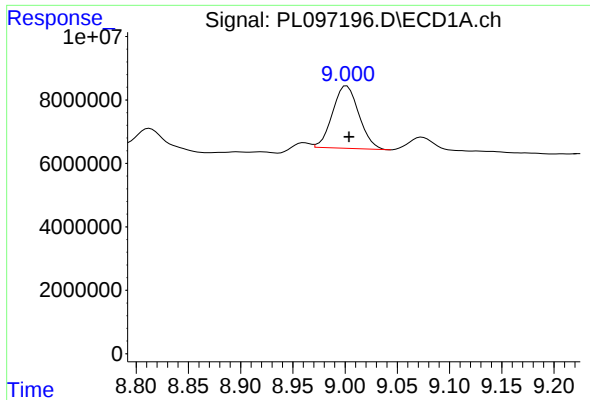
#17 4,4'-DDT

R.T.: 6.981 min  
Delta R.T.: 0.000 min  
Response: 6985276  
Conc: 1.99 ng/ml



#17 4,4'-DDT

R.T.: 6.097 min  
Delta R.T.: -0.007 min  
Response: 14799196  
Conc: 2.70 ng/ml m



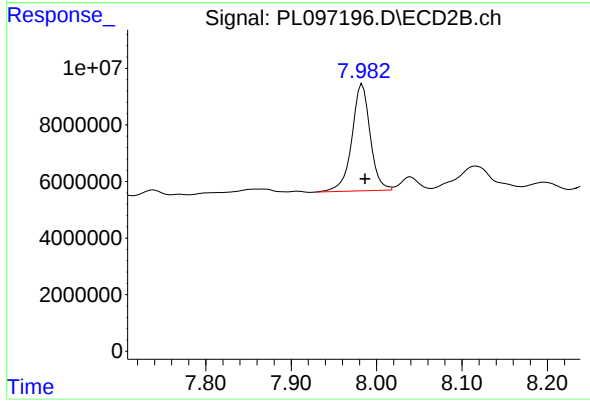
#28 Decachlorobiphenyl

R.T.: 9.002 min  
Delta R.T.: -0.002 min  
Response: 34561935  
Conc: 11.67 ng/ml

Instrument :  
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ClientSampleId :  
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#28 Decachlorobiphenyl

R.T.: 7.982 min  
Delta R.T.: -0.005 min  
Response: 56160555  
Conc: 11.71 ng/ml m