

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL121723\  
 Data File : PL087221.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 17 Dec 2023 15:07  
 Operator : AR\AJ  
 Sample : 05832-01  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 CHRT-20103

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 12/18/2023  
 Supervised By :Ankita Jodhani 12/18/2023

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 18 00:30:36 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL121523.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Dec 16 04:03:23 2023  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml  | ng/ml    |
|-----------------------------|-----------------|-------|-------|----------|----------|--------|----------|
| -----                       |                 |       |       |          |          |        |          |
| System Monitoring Compounds |                 |       |       |          |          |        |          |
| 1)                          | SA Tetrachlo... | 3.427 | 2.682 | 32365436 | 14235158 | 8.600  | 8.457m   |
| 28)                         | SA Decachlor... | 8.986 | 7.874 | 19381104 | 10245574 | 5.684m | 6.066    |
| Target Compounds            |                 |       |       |          |          |        |          |
| 8)                          | B Heptachlo...  | 5.581 | 4.648 | 13784113 | 5035180  | 2.925m | 2.263m   |
| 10)                         | B gamma-Chl...  | 5.843 | 4.903 | 108.6E6  | 25051659 | 22.396 | 10.952 # |
| 11)                         | B alpha-Chl...  | 5.927 | 4.967 | 165.9E6  | 41609785 | 34.522 | 18.028 # |
| 13)                         | MA Dieldrin     | 6.248 | 5.289 | 65214606 | 33724401 | 14.052 | 15.138   |
| 17)                         | MA 4,4'-DDT     | 6.939 | 5.976 | 4788028  | 4070351  | 1.273m | 2.207m#  |
| -----                       |                 |       |       |          |          |        |          |

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

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Operator : AR\AJ  
Sample : 05832-01  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

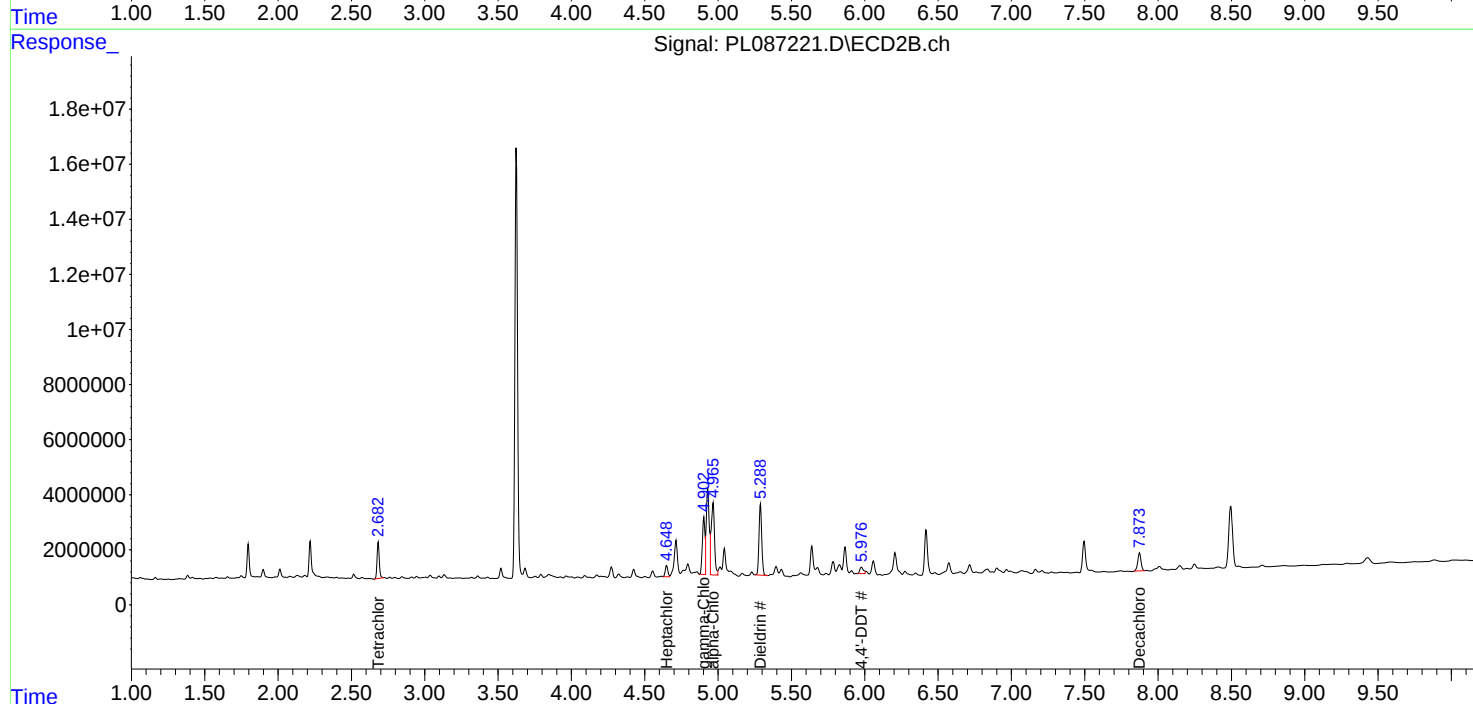
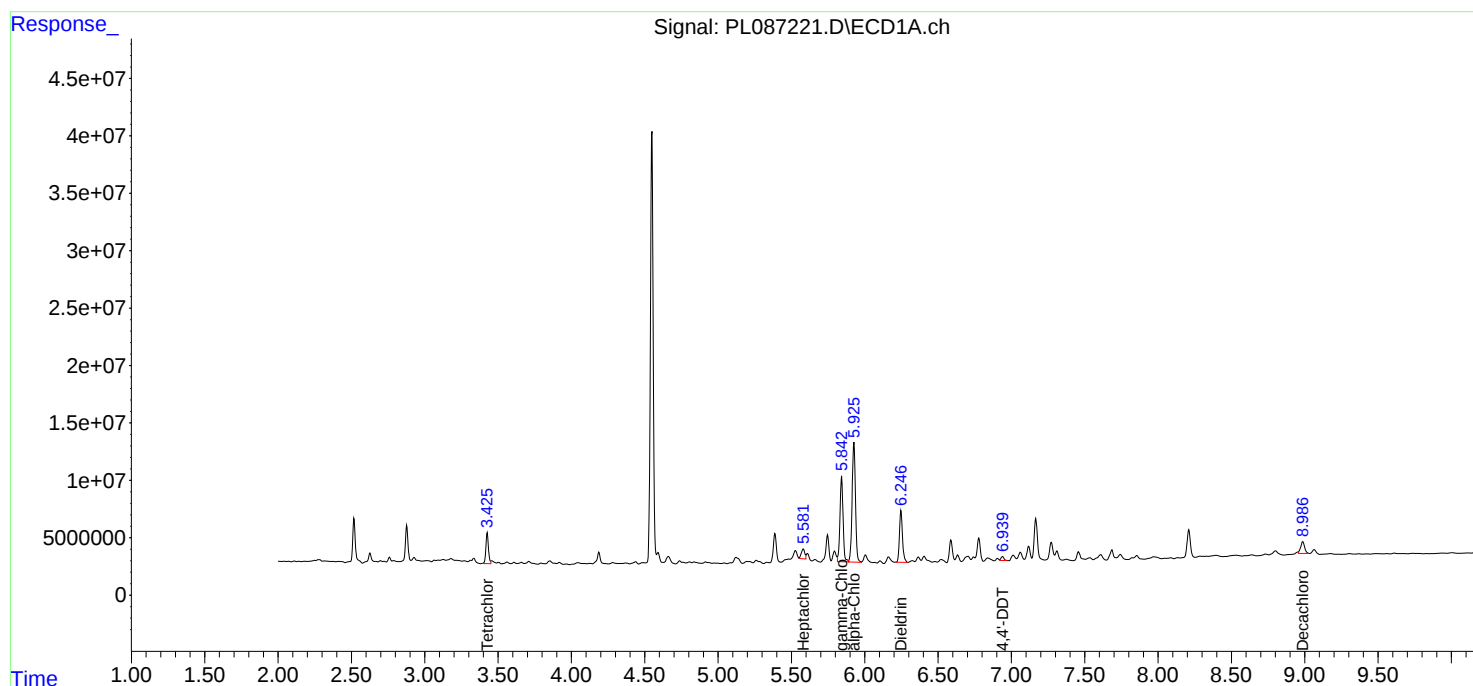
Instrument :  
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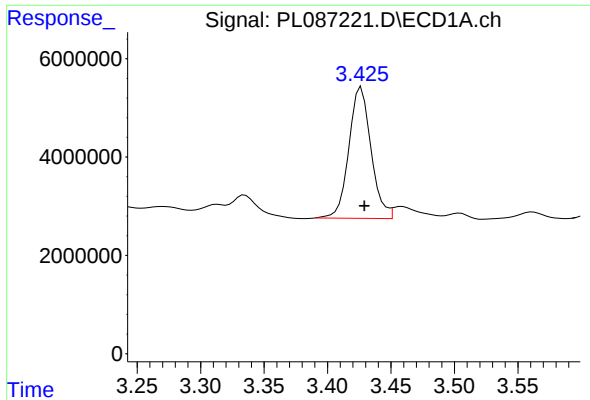
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Integration File signal 1: autoint1.e  
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL121523.M  
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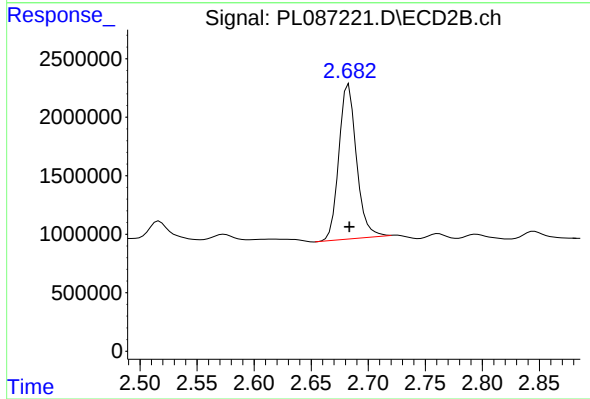
#1 Tetrachloro-m-xylene

R.T.: 3.427 min  
Delta R.T.: -0.002 min  
Response: 32365436  
Conc: 8.60 ng/ml

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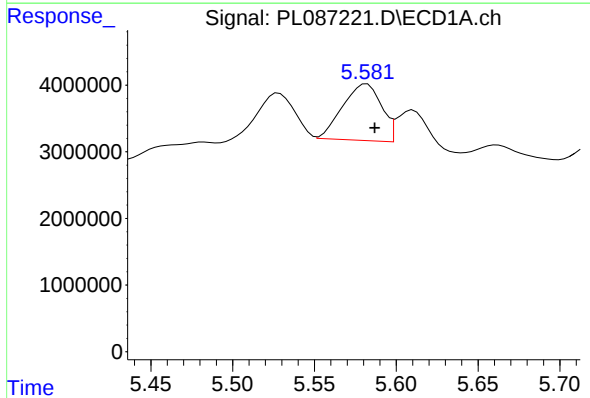
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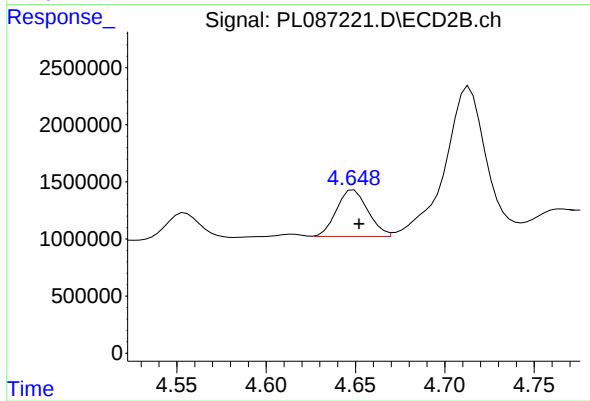
#1 Tetrachloro-m-xylene

R.T.: 2.682 min  
Delta R.T.: -0.002 min  
Response: 14235158  
Conc: 8.46 ng/ml m



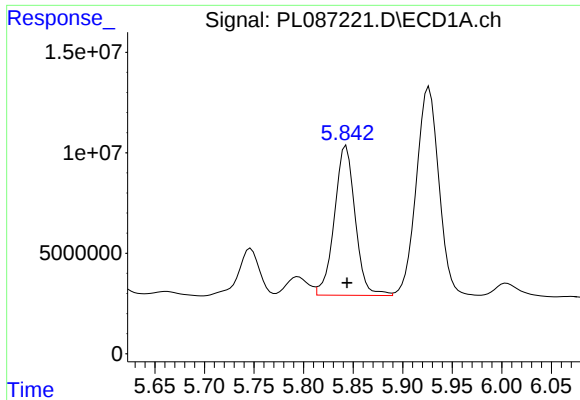
#8 Heptachlor epoxide

R.T.: 5.581 min  
Delta R.T.: -0.006 min  
Response: 13784113  
Conc: 2.92 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.648 min  
Delta R.T.: -0.004 min  
Response: 5035180  
Conc: 2.26 ng/ml m



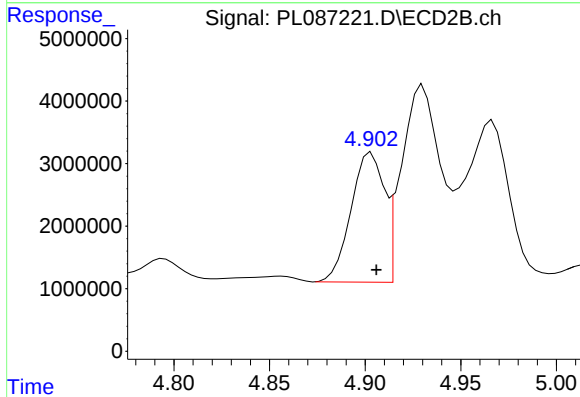
#10 gamma-Chlordane

R.T.: 5.843 min  
Delta R.T.: 0.000 min  
Response: 108576183  
Conc: 22.40 ng/ml

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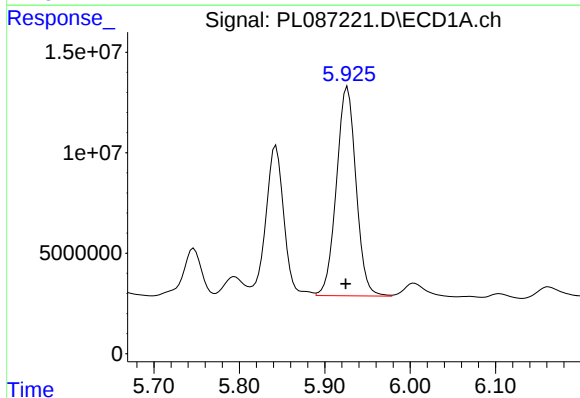
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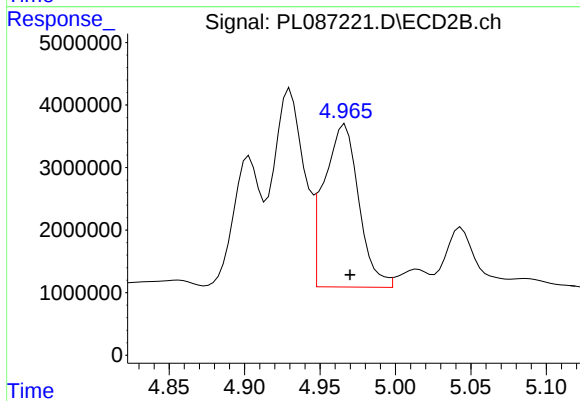
#10 gamma-Chlordane

R.T.: 4.903 min  
Delta R.T.: -0.003 min  
Response: 25051659  
Conc: 10.95 ng/ml



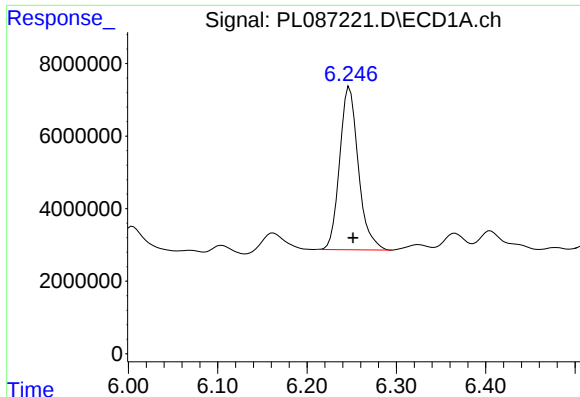
#11 alpha-Chlordane

R.T.: 5.927 min  
Delta R.T.: 0.002 min  
Response: 165918405  
Conc: 34.52 ng/ml



#11 alpha-Chlordane

R.T.: 4.967 min  
Delta R.T.: -0.003 min  
Response: 41609785  
Conc: 18.03 ng/ml



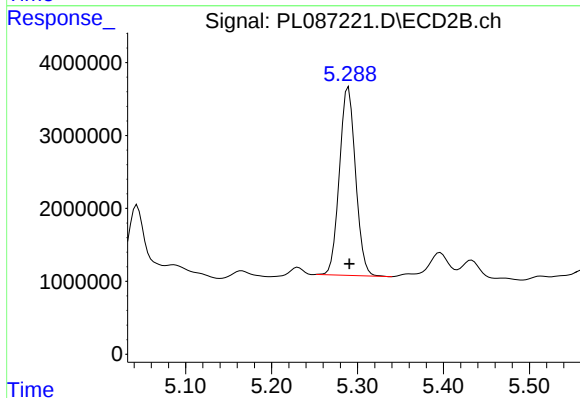
#13 Dieldrin

R.T.: 6.248 min  
Delta R.T.: -0.004 min  
Response: 65214606  
Conc: 14.05 ng/ml

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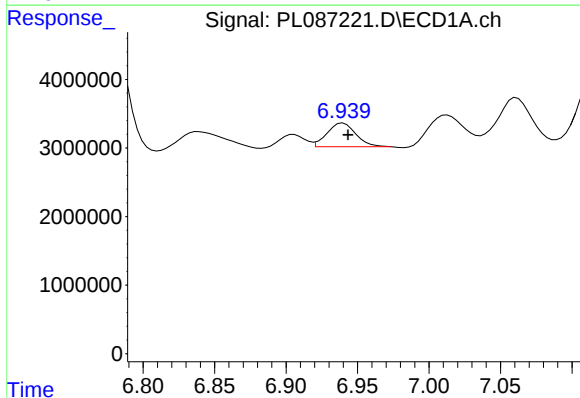
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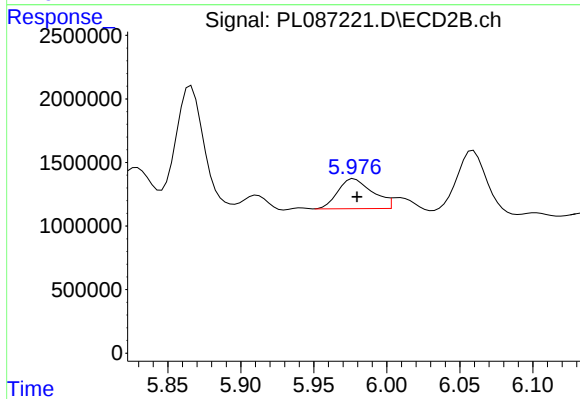
#13 Dieldrin

R.T.: 5.289 min  
Delta R.T.: -0.001 min  
Response: 33724401  
Conc: 15.14 ng/ml



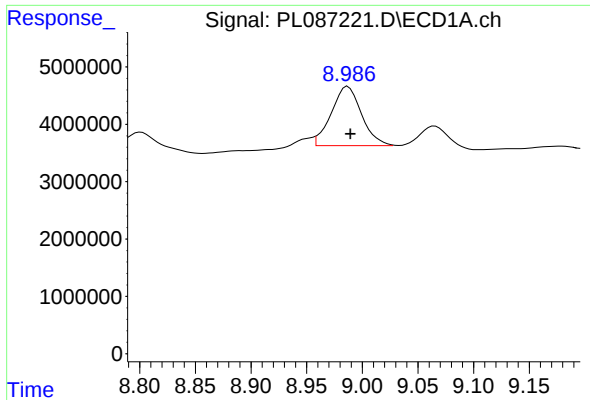
#17 4,4'-DDT

R.T.: 6.939 min  
Delta R.T.: -0.005 min  
Response: 4788028  
Conc: 1.27 ng/ml m



#17 4,4'-DDT

R.T.: 5.976 min  
Delta R.T.: -0.003 min  
Response: 4070351  
Conc: 2.21 ng/ml m



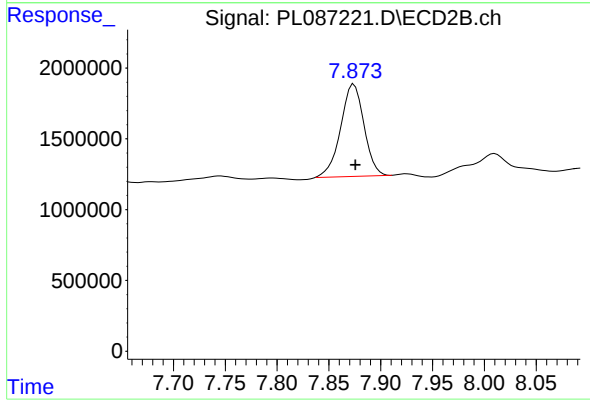
#28 Decachlorobiphenyl

R.T.: 8.986 min  
Delta R.T.: -0.004 min  
Response: 19381104  
Conc: 5.68 ng/ml

Instrument :  
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#28 Decachlorobiphenyl

R.T.: 7.874 min  
Delta R.T.: -0.001 min  
Response: 10245574  
Conc: 6.07 ng/ml