

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL092424\  
 Data File : PL091996.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 24 Sep 2024 12:35  
 Operator : AR\AJ  
 Sample : P3845-09  
 Misc : PEST/PT  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PT-PEST-WP

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 09/25/2024  
 Supervised By :Ankita Jodhani 09/25/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 25 01:17:24 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092324.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Sep 23 16:44:57 2024  
 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... | 3.547 | 2.784 | 75102055 | 51286269 | 33.759    | 20.448 #  |
| 28)                         | SA Decachlor... | 9.066 | 7.926 | 36213216 | 54736437 | 22.105    | 21.878    |
| Target Compounds            |                 |       |       |          |          |           |           |
| 2)                          | A alpha-BHC     | 4.007 | 3.287 | 4455.7E6 | 5027.5E6 | 1438.941  | 1379.921  |
| 3)                          | MA gamma-BHC... | 4.339 | 3.617 | 2037.1E6 | 2448.6E6 | 657.387   | 693.471   |
| 4)                          | MA Heptachlor   | 4.928 | 3.957 | 1132.6E6 | 1574.1E6 | 409.537   | 456.168   |
| 5)                          | MB Aldrin       | 5.270 | 4.237 | 1937.4E6 | 2555.2E6 | 697.516   | 751.292   |
| 6)                          | B beta-BHC      | 4.536 | 3.917 | 1418.0E6 | 1786.0E6 | 1069.049  | 1188.224  |
| 7)                          | B delta-BHC     | 4.782 | 4.146 | 4320.8E6 | 5040.3E6 | 1498.079m | 1451.831  |
| 8)                          | B Heptachlo...  | 5.696 | 4.740 | 1678.0E6 | 2125.0E6 | 659.347   | 702.979   |
| 9)                          | A Endosulfan I  | 6.082 | 5.111 | 2228.0E6 | 2820.6E6 | 963.102   | 1027.692  |
| 10)                         | B gamma-Chl...  | 5.951 | 4.990 | 743.8E6  | 1039.1E6 | 300.996   | 345.394   |
| 11)                         | B alpha-Chl...  | 6.030 | 5.054 | 1496.7E6 | 2019.8E6 | 607.578   | 674.730   |
| 12)                         | B 4,4'-DDE      | 6.204 | 5.243 | 1004.9E6 | 1450.3E6 | 464.285   | 521.918   |
| 13)                         | MA Dieldrin     | 6.356 | 5.374 | 2760.8E6 | 3408.7E6 | 1132.018  | 1162.642  |
| 14)                         | MA Endrin       | 6.586 | 5.650 | 406.3E6  | 607.7E6  | 197.164   | 231.742   |
| 15)                         | B Endosulfa...  | 6.805 | 5.945 | 1213.5E6 | 1554.4E6 | 551.676   | 621.179   |
| 16)                         | A 4,4'-DDD      | 6.721 | 5.798 | 1004.7E6 | 1863.0E6 | 559.470   | 872.096 # |
| 17)                         | MA 4,4'-DDT     | 7.034 | 6.048 | 807.1E6  | 1193.1E6 | 438.360   | 515.774   |
| 18)                         | B Endrin al...  | 6.935 | 6.125 | 2321.5E6 | 2862.7E6 | 1332.082  | 1402.795  |
| 19)                         | B Endosulfa...  | 7.169 | 6.347 | 851.5E6  | 1179.3E6 | 429.569   | 488.839   |
| 20)                         | A Methoxychlor  | 7.510 | 6.624 | 651.9E6  | 900.4E6  | 664.050   | 720.150   |
| 21)                         | B Endrin ke...  | 7.654 | 6.852 | 3026.4E6 | 3722.2E6 | 1377.163  | 1344.263  |
| -----                       |                 |       |       |          |          |           |           |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL092424\  
Data File : PL091996.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 24 Sep 2024 12:35  
Operator : AR\AJ  
Sample : P3845-09  
Misc : PEST/PT  
ALS Vial : 7 Sample Multiplier: 1

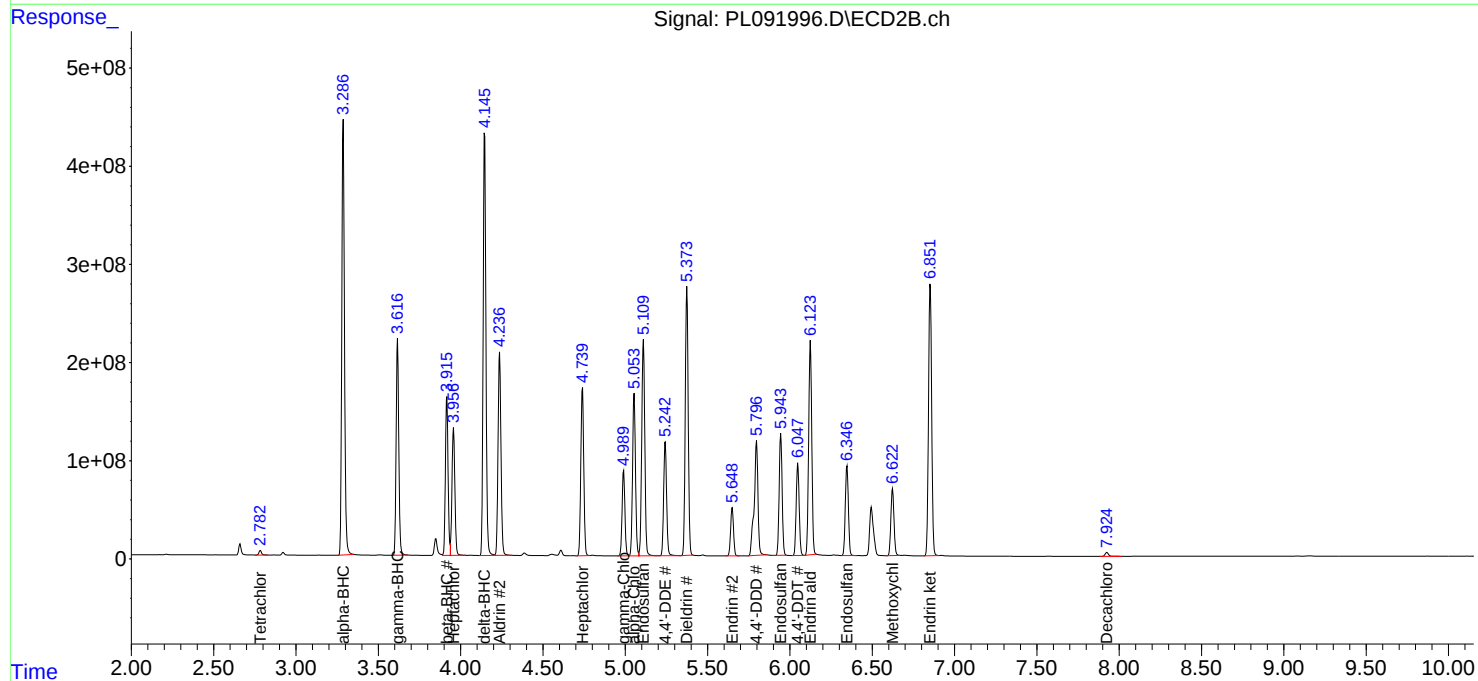
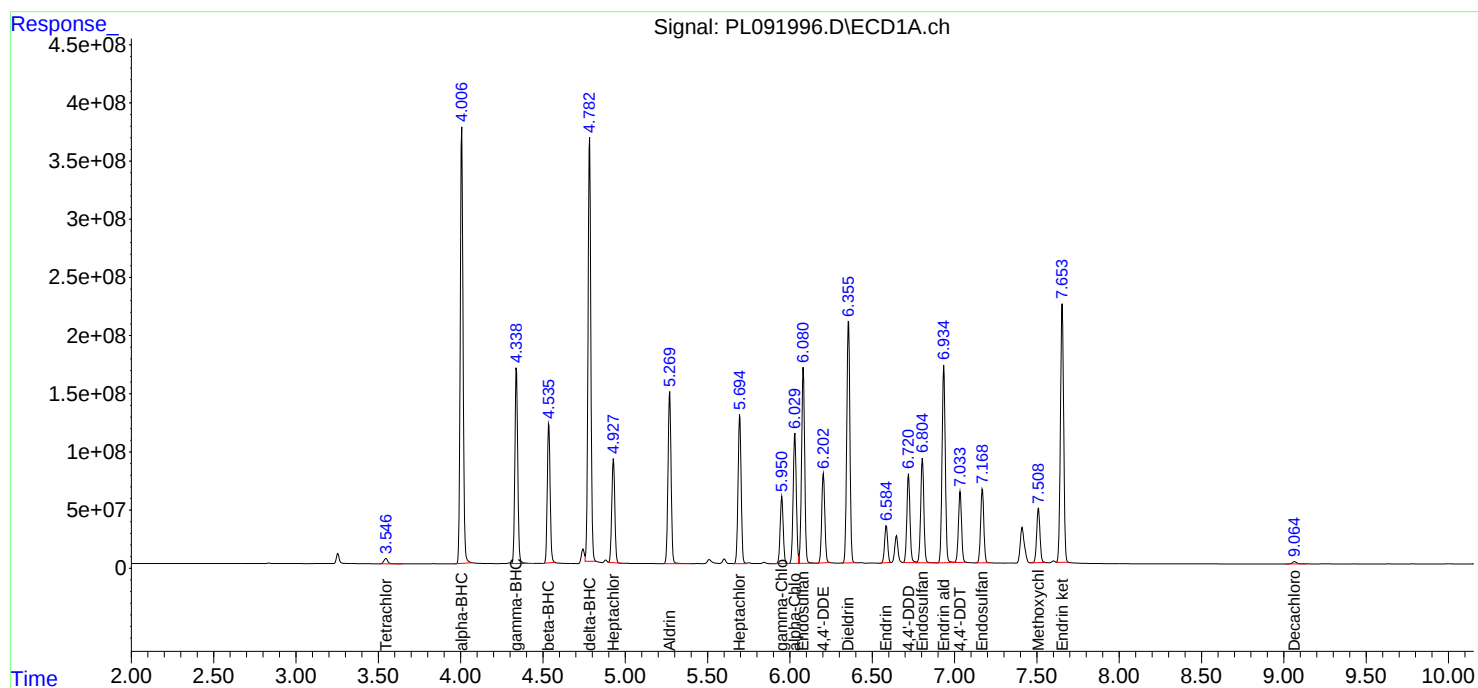
Instrument :  
ECD\_L  
ClientSampleId :  
PT-PEST-WP

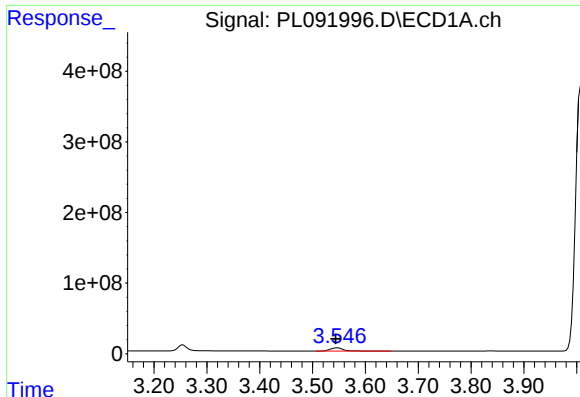
Manual Integrations  
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Supervised By : Ankita Jodhani 09/25/2024

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 25 01:17:24 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092324.M  
Quant Title : GC Extractables  
QLast Update : Mon Sep 23 16:44:57 2024  
Response via : Initial Calibration  
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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





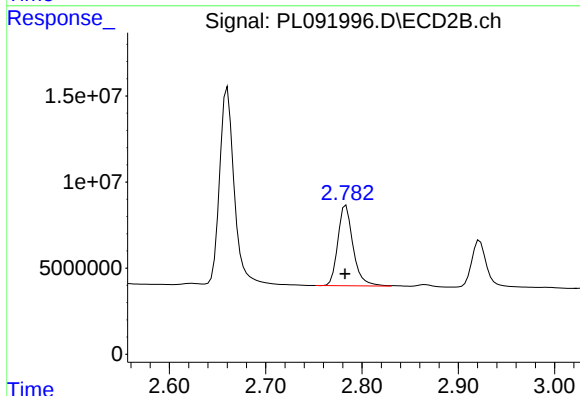
#1 Tetrachloro-m-xylene

R.T.: 3.547 min  
Delta R.T.: 0.003 min  
Response: 75102055  
Conc: 33.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PT-PEST-WP

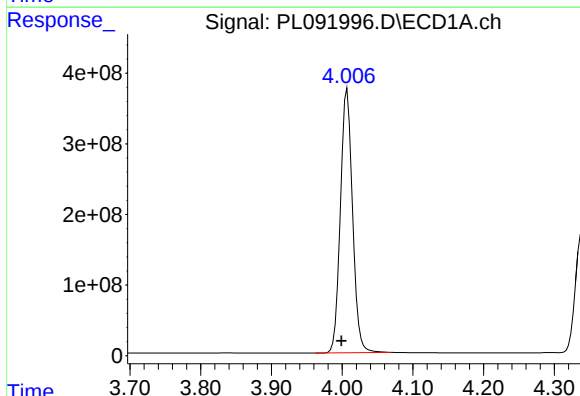
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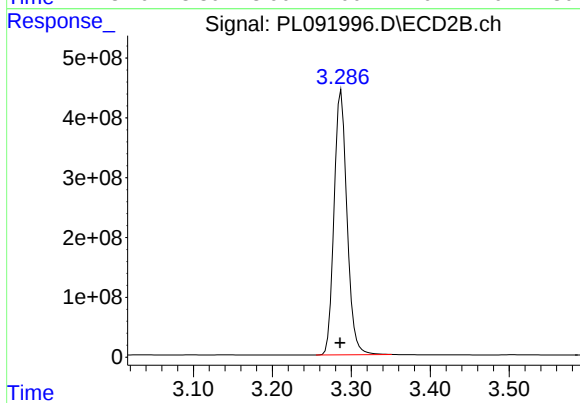
#1 Tetrachloro-m-xylene

R.T.: 2.784 min  
Delta R.T.: 0.001 min  
Response: 51286269  
Conc: 20.45 ng/ml



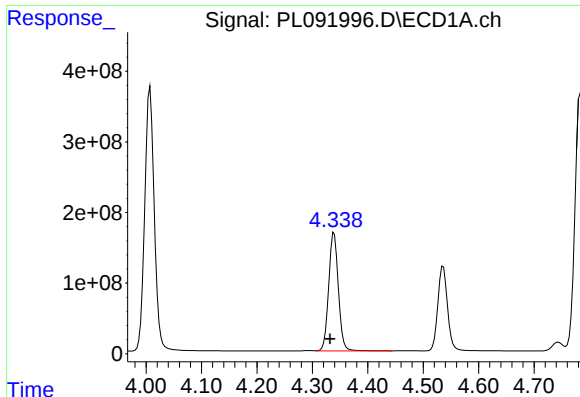
#2 alpha-BHC

R.T.: 4.007 min  
Delta R.T.: 0.008 min  
Response: 4455704507  
Conc: 1438.94 ng/ml



#2 alpha-BHC

R.T.: 3.287 min  
Delta R.T.: 0.002 min  
Response: 5027501451  
Conc: 1379.92 ng/ml



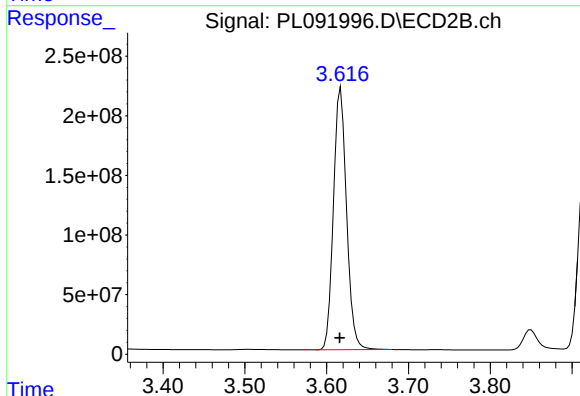
#3 gamma-BHC (Lindane)

R.T.: 4.339 min  
Delta R.T.: 0.007 min  
Response: 2037112983  
Conc: 657.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PT-PEST-WP

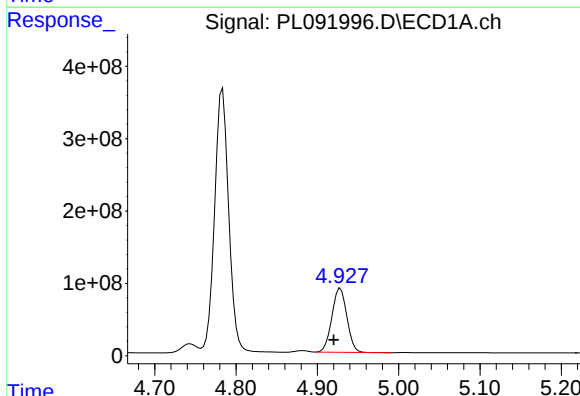
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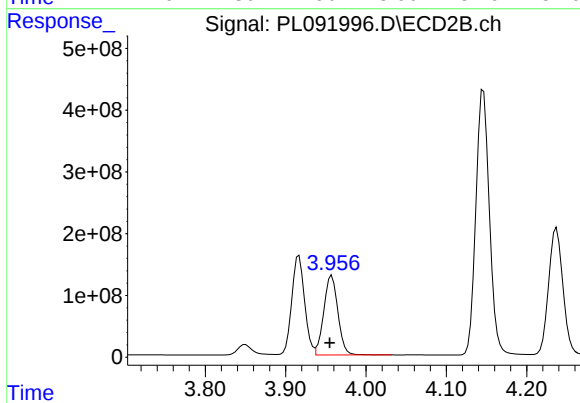
#3 gamma-BHC (Lindane)

R.T.: 3.617 min  
Delta R.T.: 0.001 min  
Response: 2448629130  
Conc: 693.47 ng/ml



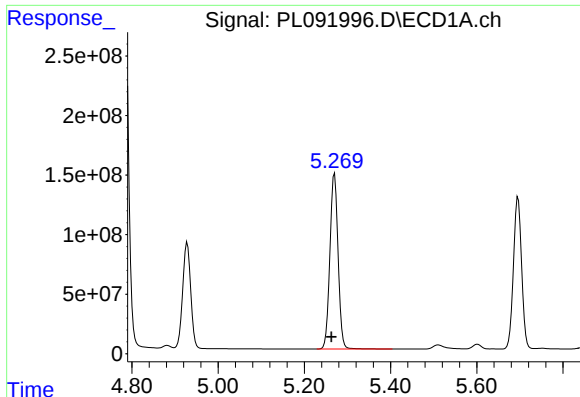
#4 Heptachlor

R.T.: 4.928 min  
Delta R.T.: 0.008 min  
Response: 1132557417  
Conc: 409.54 ng/ml



#4 Heptachlor

R.T.: 3.957 min  
Delta R.T.: 0.002 min  
Response: 1574059346  
Conc: 456.17 ng/ml



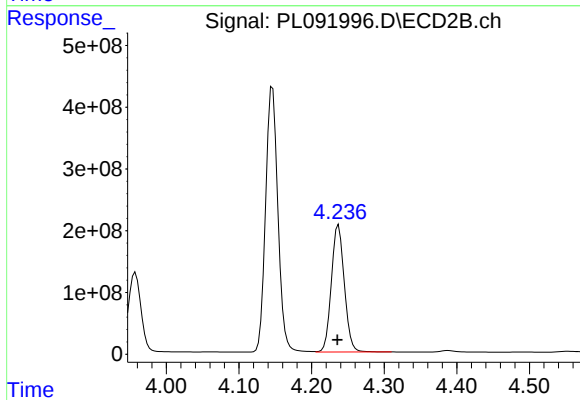
#5 Aldrin

R.T.: 5.270 min  
Delta R.T.: 0.007 min  
Response: 1937413208  
Conc: 697.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PT-PEST-WP

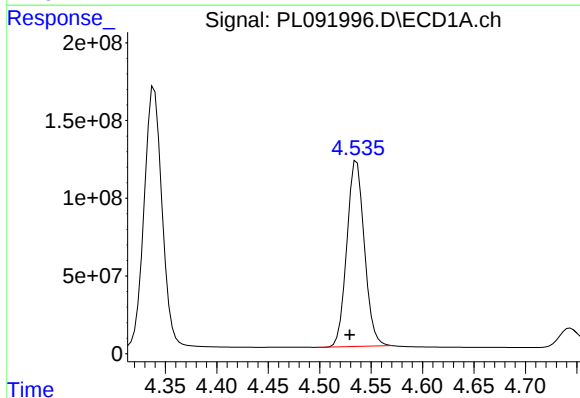
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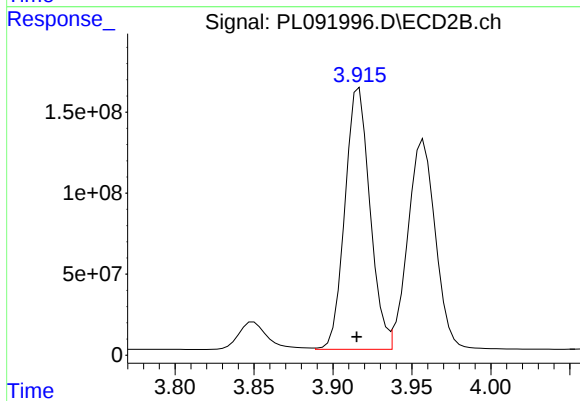
#5 Aldrin

R.T.: 4.237 min  
Delta R.T.: 0.002 min  
Response: 2555218452  
Conc: 751.29 ng/ml



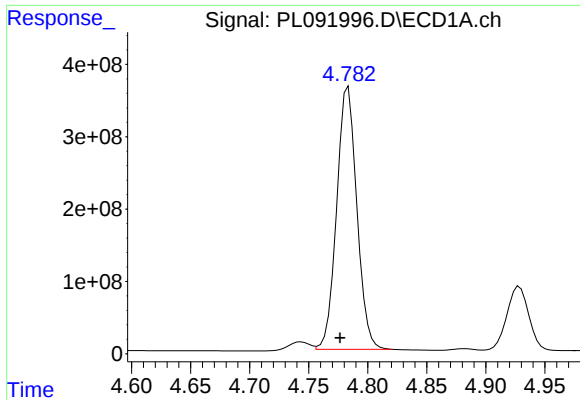
#6 beta-BHC

R.T.: 4.536 min  
Delta R.T.: 0.007 min  
Response: 1417961086  
Conc: 1069.05 ng/ml



#6 beta-BHC

R.T.: 3.917 min  
Delta R.T.: 0.002 min  
Response: 1786016876  
Conc: 1188.22 ng/ml



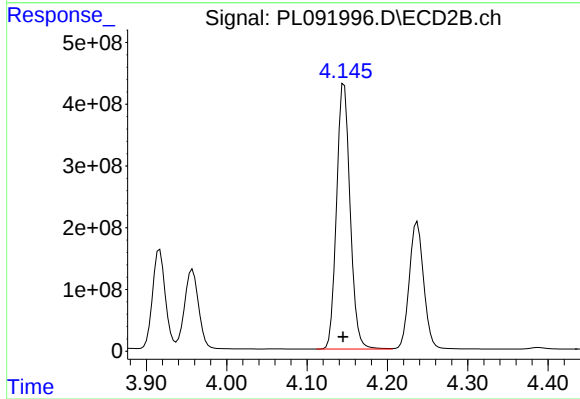
#7 delta-BHC

R.T.: 4.782 min  
Delta R.T.: 0.006 min  
Response: 4320775403  
Conc: 1498.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PT-PEST-WP

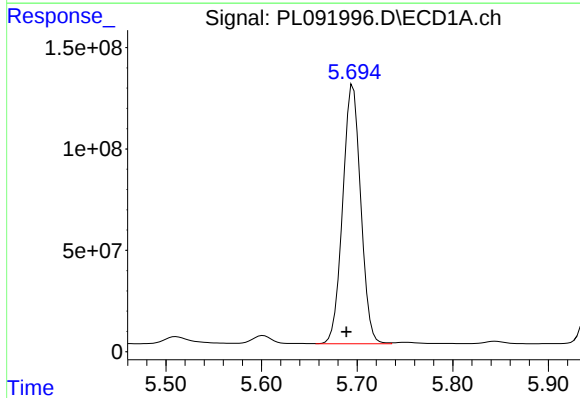
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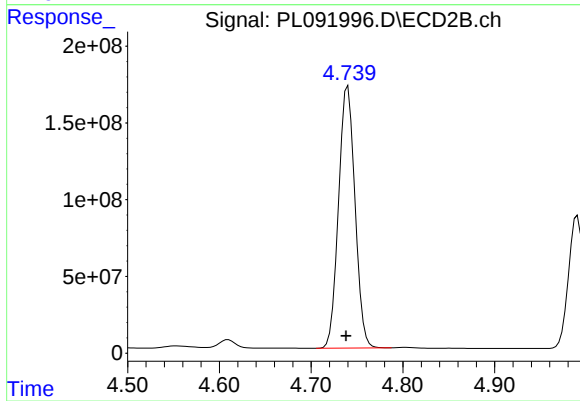
#7 delta-BHC

R.T.: 4.146 min  
Delta R.T.: 0.002 min  
Response: 5040310489  
Conc: 1451.83 ng/ml



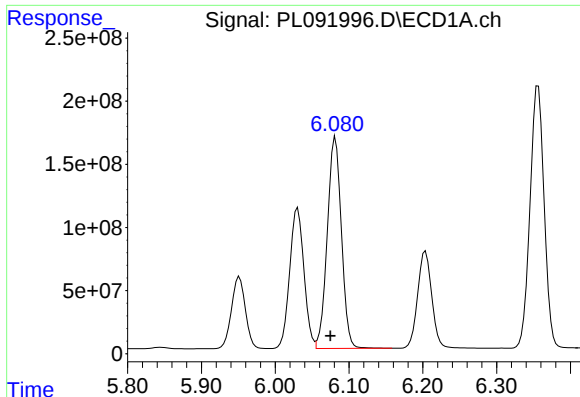
#8 Heptachlor epoxide

R.T.: 5.696 min  
Delta R.T.: 0.007 min  
Response: 1678035548  
Conc: 659.35 ng/ml



#8 Heptachlor epoxide

R.T.: 4.740 min  
Delta R.T.: 0.002 min  
Response: 2125024900  
Conc: 702.98 ng/ml



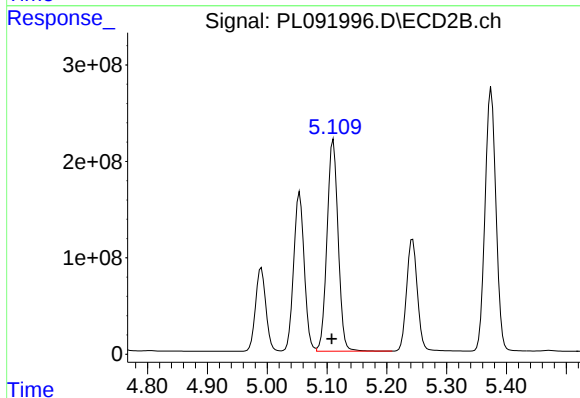
#9 Endosulfan I

R.T.: 6.082 min  
Delta R.T.: 0.007 min  
Response: 2228037547  
Conc: 963.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PT-PEST-WP

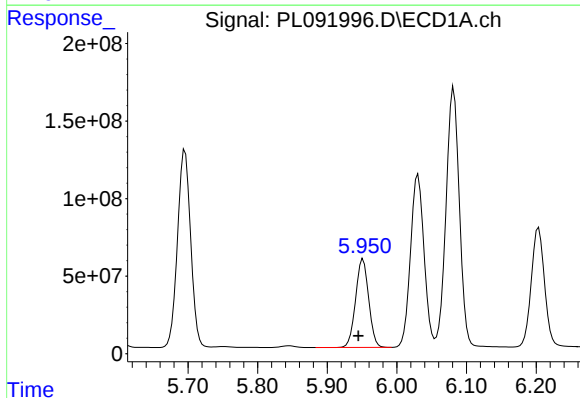
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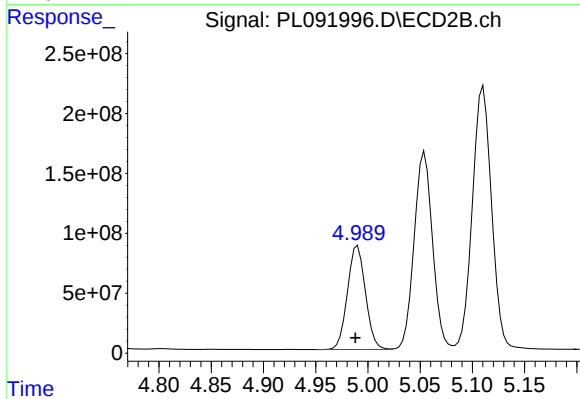
#9 Endosulfan I

R.T.: 5.111 min  
Delta R.T.: 0.002 min  
Response: 2820642078  
Conc: 1027.69 ng/ml



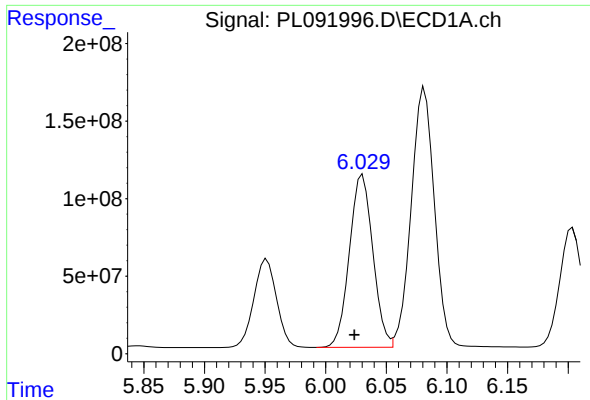
#10 gamma-Chlordane

R.T.: 5.951 min  
Delta R.T.: 0.007 min  
Response: 743821414  
Conc: 301.00 ng/ml



#10 gamma-Chlordane

R.T.: 4.990 min  
Delta R.T.: 0.002 min  
Response: 1039142737  
Conc: 345.39 ng/ml



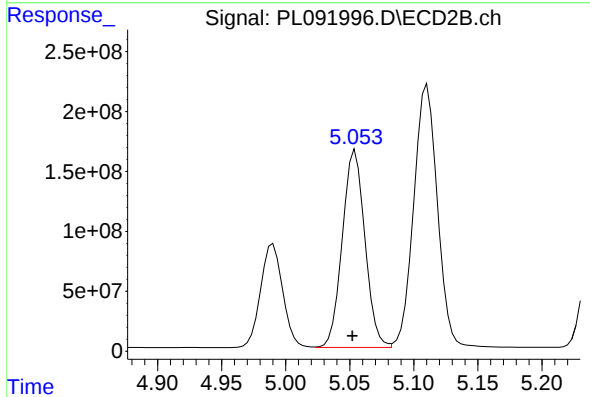
#11 alpha-Chlordane

R.T.: 6.030 min  
Delta R.T.: 0.007 min  
Response: 1496669003  
Conc: 607.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PT-PEST-WP

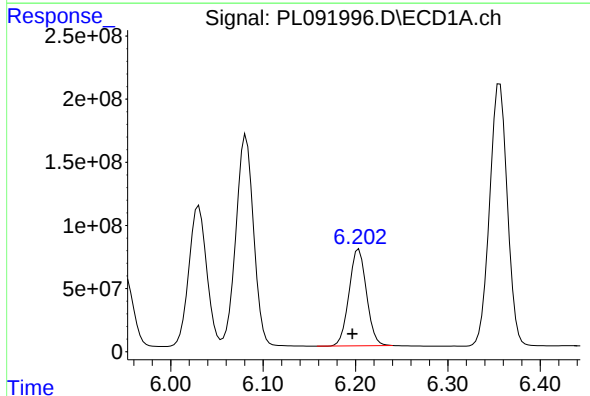
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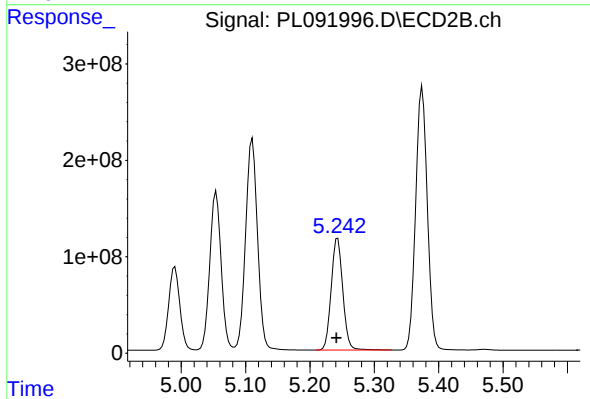
#11 alpha-Chlordane

R.T.: 5.054 min  
Delta R.T.: 0.002 min  
Response: 2019833528  
Conc: 674.73 ng/ml



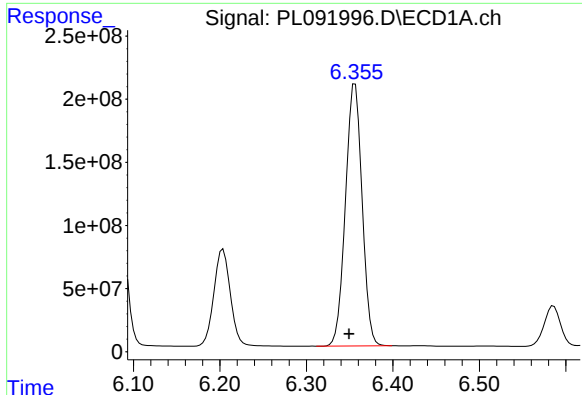
#12 4,4'-DDE

R.T.: 6.204 min  
Delta R.T.: 0.007 min  
Response: 1004910260  
Conc: 464.29 ng/ml



#12 4,4'-DDE

R.T.: 5.243 min  
Delta R.T.: 0.002 min  
Response: 1450328399  
Conc: 521.92 ng/ml



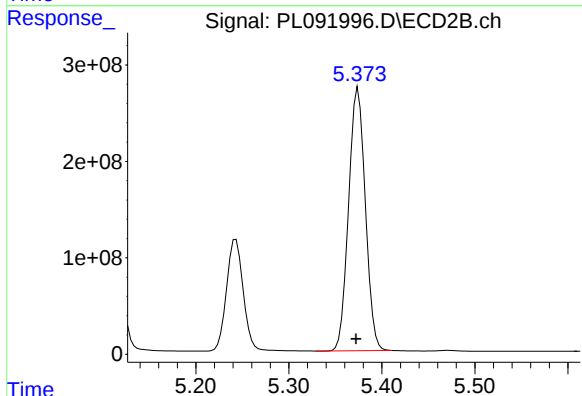
#13 Dieldrin

R.T.: 6.356 min  
Delta R.T.: 0.007 min  
Response: 2760832212  
Conc: 1132.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PT-PEST-WP

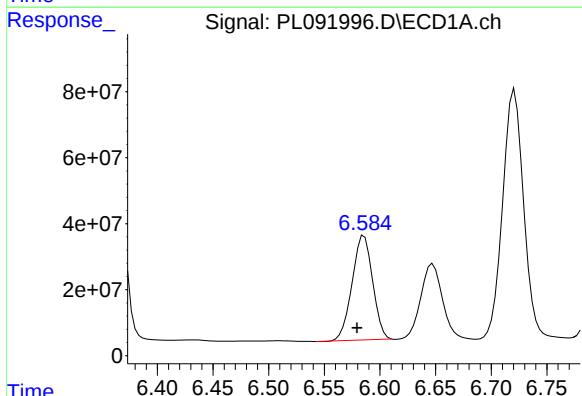
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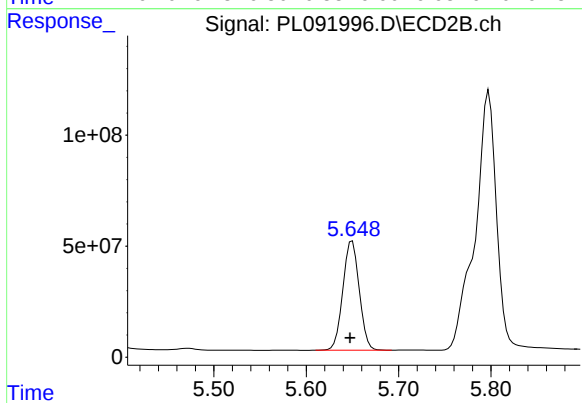
#13 Dieldrin

R.T.: 5.374 min  
Delta R.T.: 0.002 min  
Response: 3408682712  
Conc: 1162.64 ng/ml



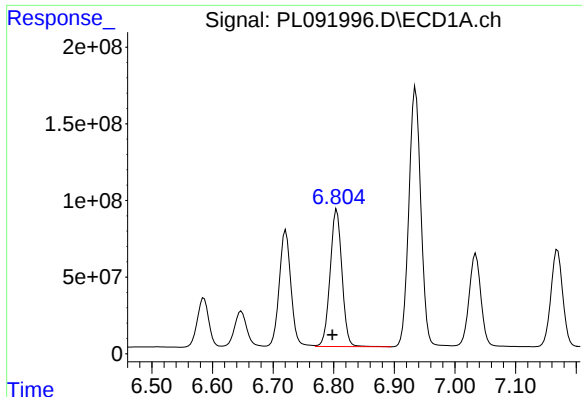
#14 Endrin

R.T.: 6.586 min  
Delta R.T.: 0.007 min  
Response: 406294764  
Conc: 197.16 ng/ml



#14 Endrin

R.T.: 5.650 min  
Delta R.T.: 0.002 min  
Response: 607669071  
Conc: 231.74 ng/ml



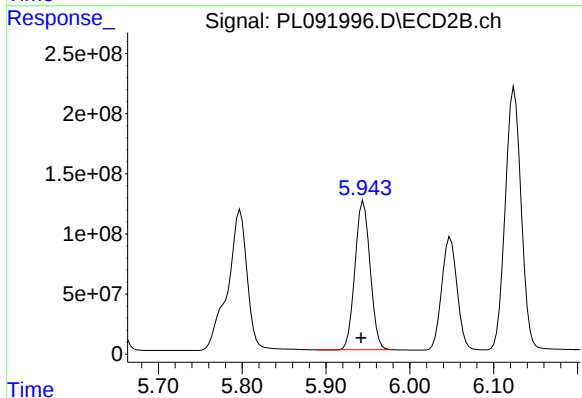
#15 Endosulfan II

R.T.: 6.805 min  
Delta R.T.: 0.007 min  
Response: 1213536341  
Conc: 551.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PT-PEST-WP

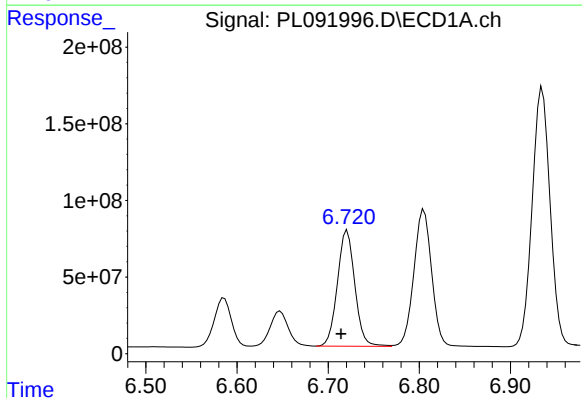
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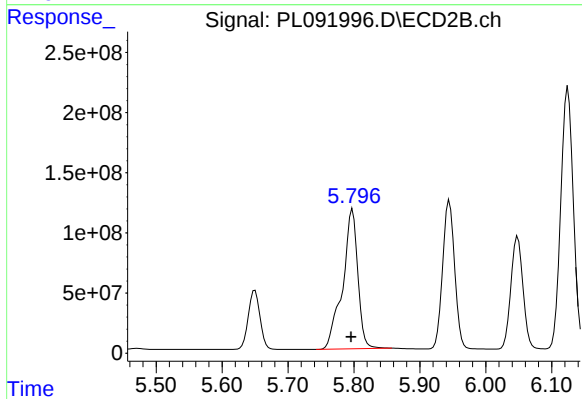
#15 Endosulfan II

R.T.: 5.945 min  
Delta R.T.: 0.003 min  
Response: 1554443120  
Conc: 621.18 ng/ml



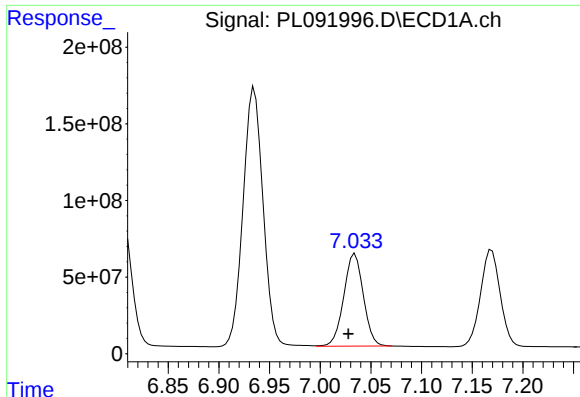
#16 4,4'-DDD

R.T.: 6.721 min  
Delta R.T.: 0.007 min  
Response: 1004650107  
Conc: 559.47 ng/ml



#16 4,4'-DDD

R.T.: 5.798 min  
Delta R.T.: 0.002 min  
Response: 1862988108  
Conc: 872.10 ng/ml



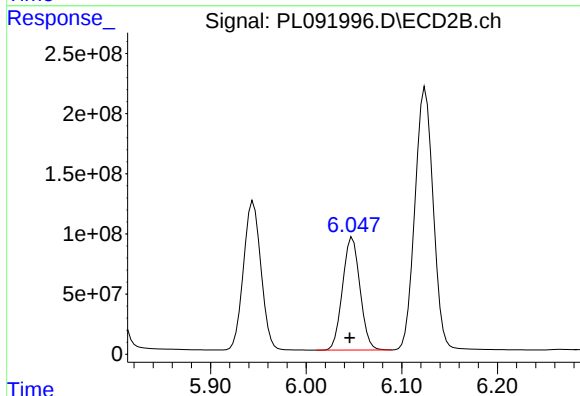
#17 4,4'-DDT

R.T.: 7.034 min  
Delta R.T.: 0.006 min  
Response: 807110799  
Conc: 438.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PT-PEST-WP

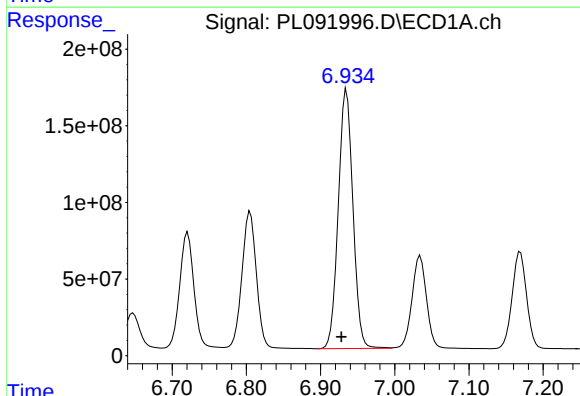
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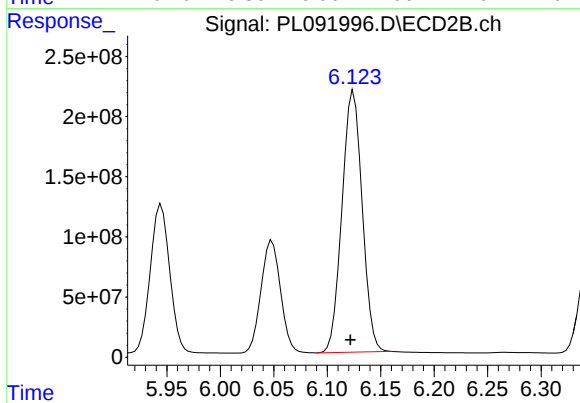
#17 4,4'-DDT

R.T.: 6.048 min  
Delta R.T.: 0.003 min  
Response: 1193071024  
Conc: 515.77 ng/ml



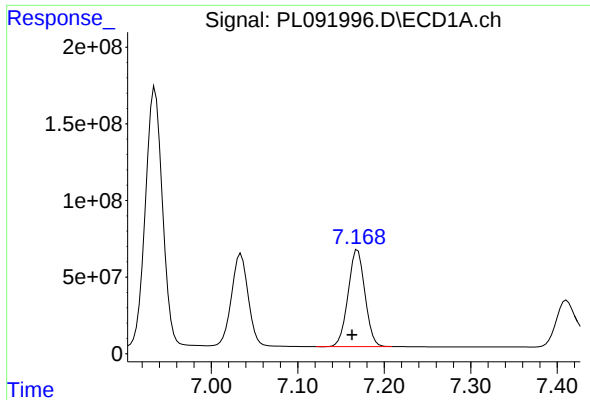
#18 Endrin aldehyde

R.T.: 6.935 min  
Delta R.T.: 0.007 min  
Response: 2321505979  
Conc: 1332.08 ng/ml



#18 Endrin aldehyde

R.T.: 6.125 min  
Delta R.T.: 0.003 min  
Response: 2862714930  
Conc: 1402.79 ng/ml



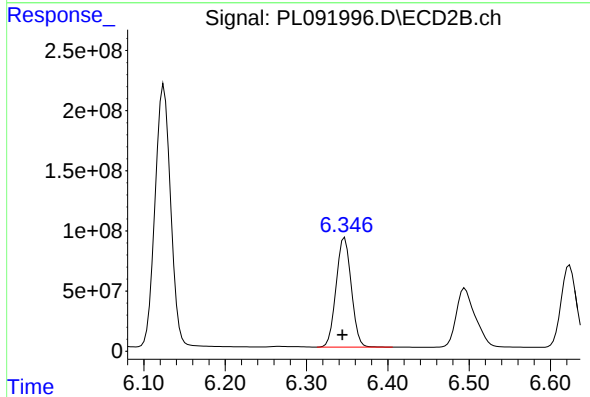
#19 Endosulfan Sulfate

R.T.: 7.169 min  
Delta R.T.: 0.006 min  
Response: 851523932  
Conc: 429.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PT-PEST-WP

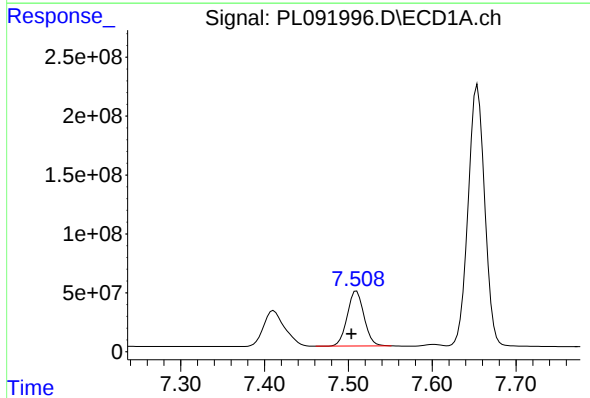
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 09/25/2024  
Supervised By :Ankita Jodhani 09/25/2024



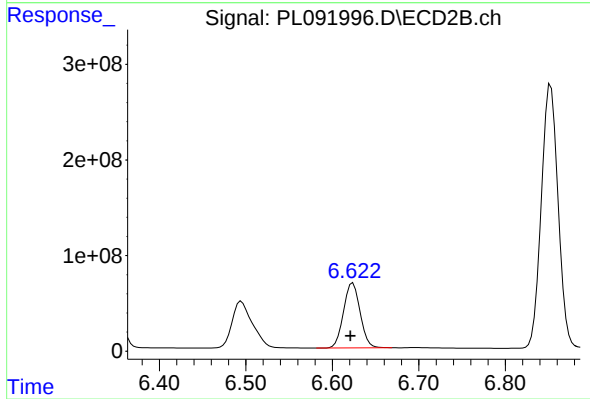
#19 Endosulfan Sulfate

R.T.: 6.347 min  
Delta R.T.: 0.003 min  
Response: 1179332576  
Conc: 488.84 ng/ml



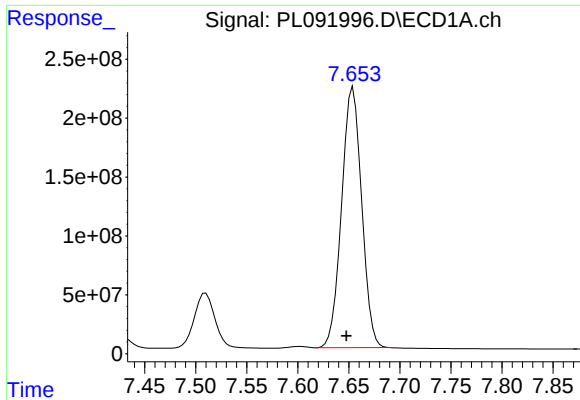
#20 Methoxychlor

R.T.: 7.510 min  
Delta R.T.: 0.006 min  
Response: 651905286  
Conc: 664.05 ng/ml



#20 Methoxychlor

R.T.: 6.624 min  
Delta R.T.: 0.003 min  
Response: 900438572  
Conc: 720.15 ng/ml



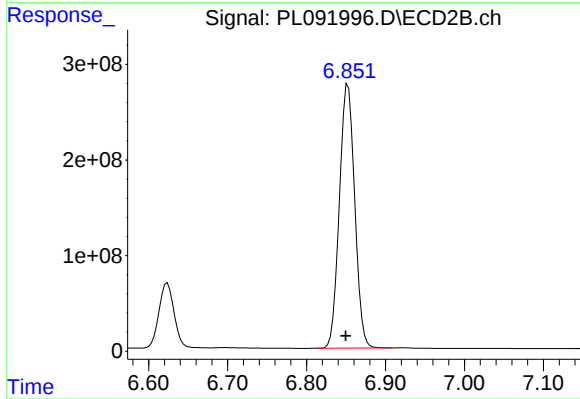
#21 Endrin ketone

R.T.: 7.654 min  
Delta R.T.: 0.007 min  
Response: 3026402285  
Conc: 1377.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PT-PEST-WP

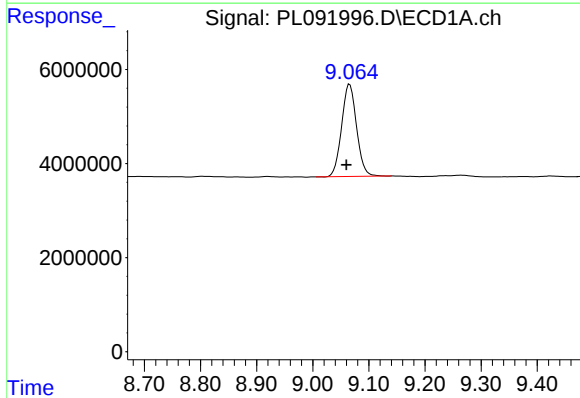
Manual Integrations  
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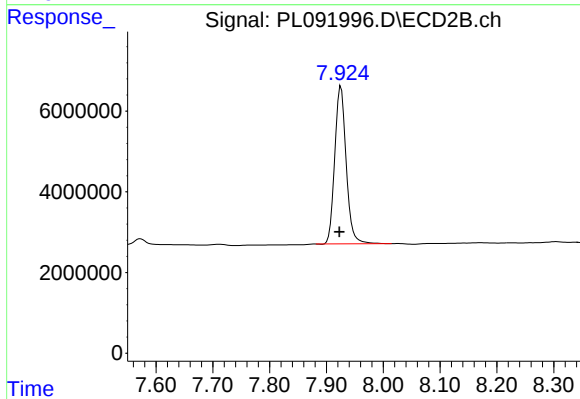
#21 Endrin ketone

R.T.: 6.852 min  
Delta R.T.: 0.003 min  
Response: 3722189717  
Conc: 1344.26 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.066 min  
Delta R.T.: 0.005 min  
Response: 36213216  
Conc: 22.11 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.926 min  
Delta R.T.: 0.003 min  
Response: 54736437  
Conc: 21.88 ng/ml