

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL091423\  
 Data File : PL085302.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Sep 2023 11:51  
 Operator : AR\AJ  
 Sample : 04346-09  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

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

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 09/14/2023  
 Supervised By : Ankita Jodhani 09/14/2023

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 13 18:48:22 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL090523.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Sep 05 15:22:36 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... | 3.483 | 2.684 | 57791533 | 23500680 | 23.628    | 20.684    |
| 28)                         | SA Decachlor... | 9.034 | 7.865 | 38588804 | 28024769 | 23.996    | 21.054    |
| Target Compounds            |                 |       |       |          |          |           |           |
| 2)                          | A alpha-BHC     | 3.942 | 3.190 | 1409.9E6 | 641.8E6  | 409.155   | 392.406   |
| 3)                          | MA gamma-BHC... | 4.276 | 3.521 | 3983.2E6 | 1683.8E6 | 1199.867  | 1055.040  |
| 4)                          | MA Heptachlor   | 4.868 | 3.861 | 647.8E6  | 317.6E6  | 196.471   | 209.250   |
| 5)                          | MB Aldrin       | 5.211 | 4.141 | 1206.9E6 | 611.1E6  | 392.499   | 399.735   |
| 6)                          | B beta-BHC      | 4.476 | 3.823 | 384.5E6  | 192.4E6  | 272.033   | 283.517   |
| 7)                          | B delta-BHC     | 4.721 | 4.052 | 5319.5E6 | 2244.0E6 | 1683.093m | 1435.125  |
| 8)                          | B Heptachlo...  | 5.641 | 4.648 | 2471.9E6 | 1222.4E6 | 947.100   | 890.750   |
| 9)                          | A Endosulfan I  | 6.026 | 5.018 | 1319.3E6 | 728.4E6  | 549.310   | 557.368   |
| 10)                         | B gamma-Chl...  | 5.898 | 4.901 | 2299.4E6 | 1199.0E6 | 885.155   | 869.256   |
| 11)                         | B alpha-Chl...  | 5.978 | 4.965 | 814.9E6  | 460.0E6  | 316.706   | 307.805   |
| 12)                         | B 4,4'-DDE      | 6.157 | 5.163 | 1231.4E6 | 721.5E6  | 592.394   | 579.924   |
| 13)                         | MA Dieldrin     | 6.303 | 5.285 | 2124.1E6 | 1164.7E6 | 871.783   | 828.462   |
| 14)                         | MA Endrin       | 6.533 | 5.561 | 2471.0E6 | 1401.1E6 | 1196.224  | 1096.132  |
| 15)                         | B Endosulfa...  | 6.754 | 5.858 | 874.6E6  | 530.6E6  | 432.194   | 428.528   |
| 16)                         | A 4,4'-DDD      | 6.676 | 5.720 | 1833.1E6 | 1154.3E6 | 1190.574  | 1098.706m |
| 17)                         | MA 4,4'-DDT     | 6.991 | 5.973 | 443.1E6  | 297.7E6  | 263.026   | 255.345   |
| 18)                         | B Endrin al...  | 6.885 | 6.040 | 2774.8E6 | 1610.4E6 | 1805.176  | 1576.564  |
| 19)                         | B Endosulfa...  | 7.120 | 6.266 | 3541.9E6 | 2035.1E6 | 1892.217  | 1695.891  |
| 20)                         | A Methoxychlor  | 7.474 | 6.558 | 1578.5E6 | 1080.8E6 | 1737.311  | 1606.605  |
| 21)                         | B Endrin ke...  | 7.605 | 6.770 | 3748.7E6 | 2341.1E6 | 1913.695  | 1587.195  |
| -----                       |                 |       |       |          |          |           |           |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL091423\  
Data File : PL085302.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 13 Sep 2023 11:51  
Operator : AR\AJ  
Sample : 04346-09  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

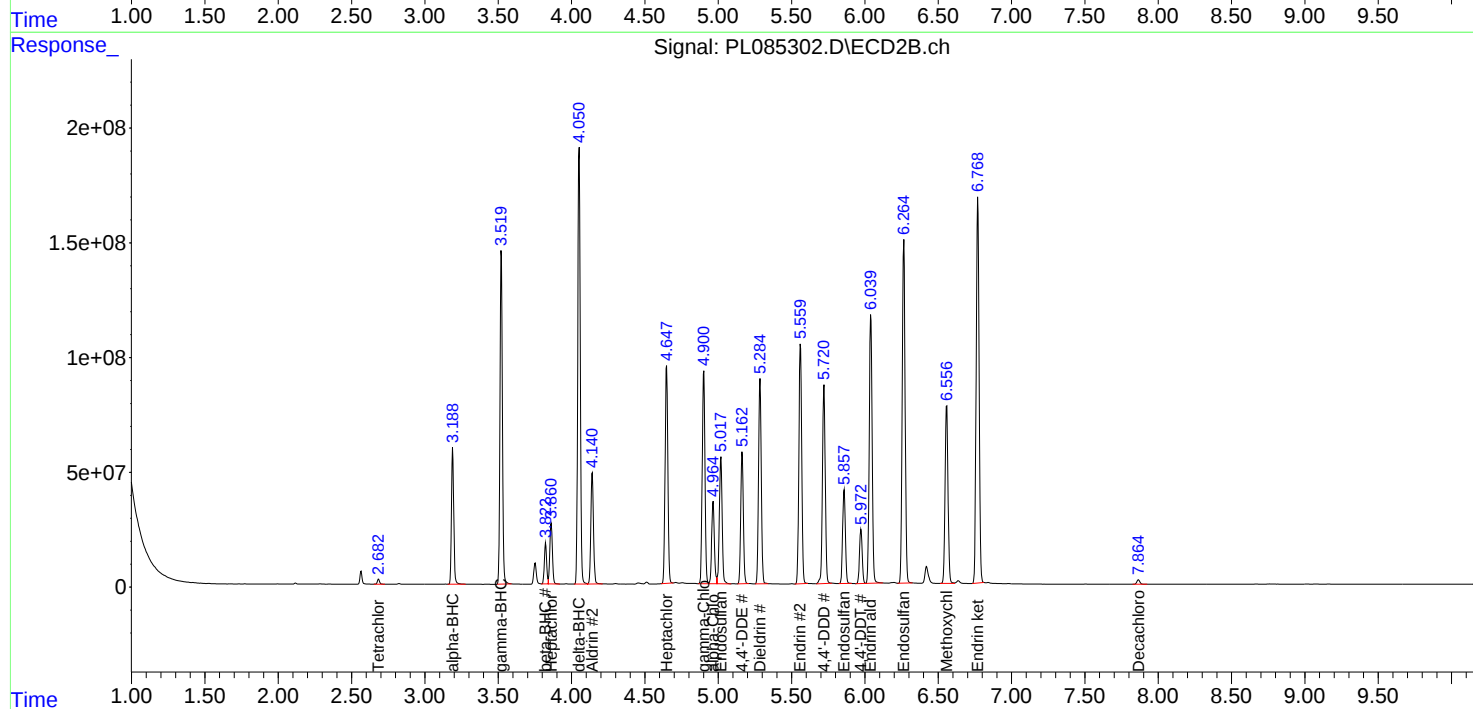
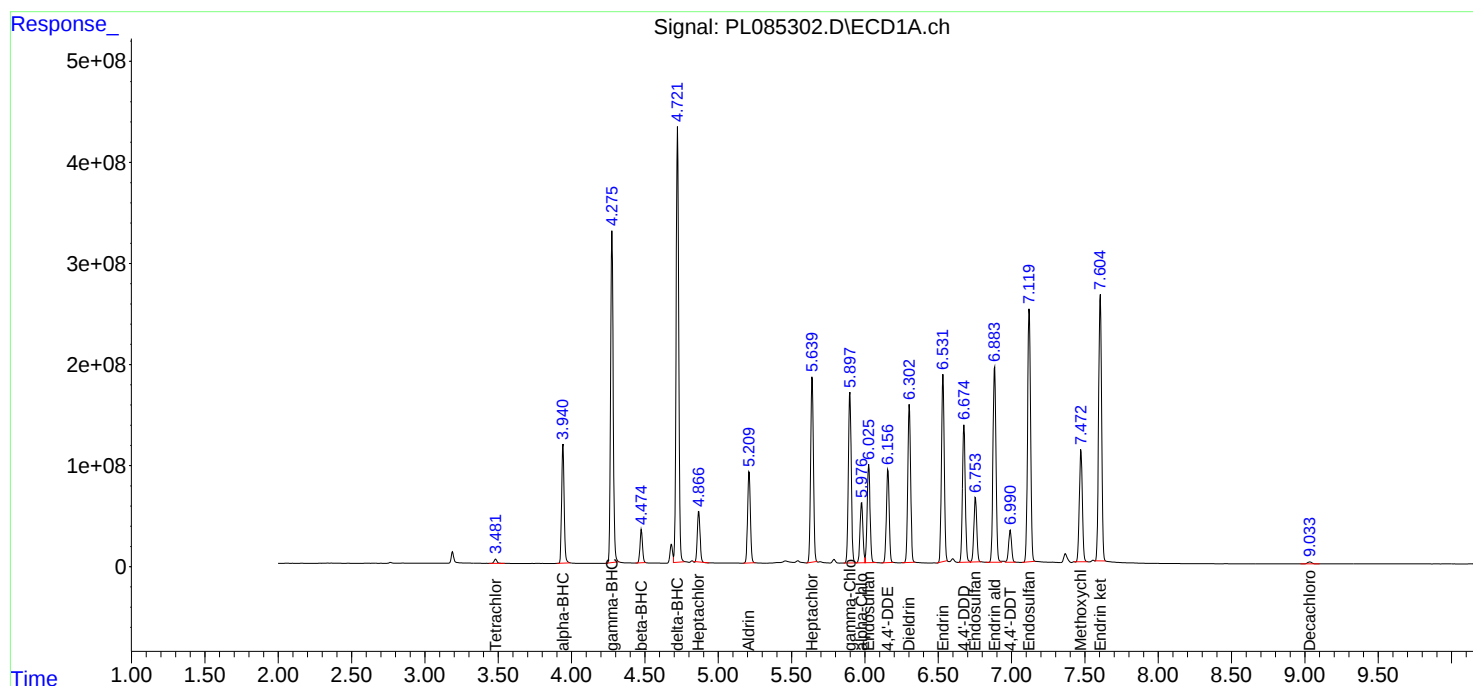
Instrument :  
ECD\_L  
ClientSampleId :  
PT-PEST-WP

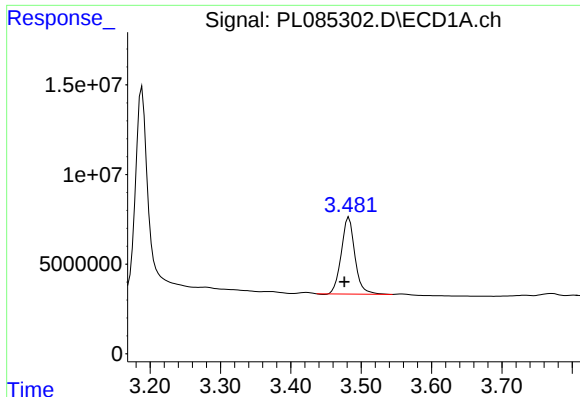
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 09/14/2023  
Supervised By :Ankita Jodhani 09/14/2023

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 13 18:48:22 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL090523.M  
Quant Title : GC Extractables  
QLast Update : Tue Sep 05 15:22:36 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





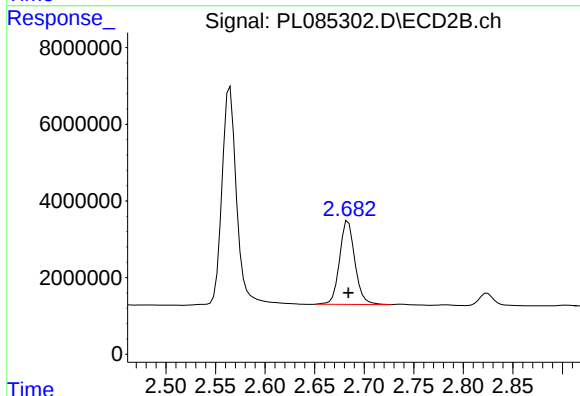
#1 Tetrachloro-m-xylene

R.T.: 3.483 min  
Delta R.T.: 0.007 min  
Response: 57791533  
Conc: 23.63 ng/ml

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

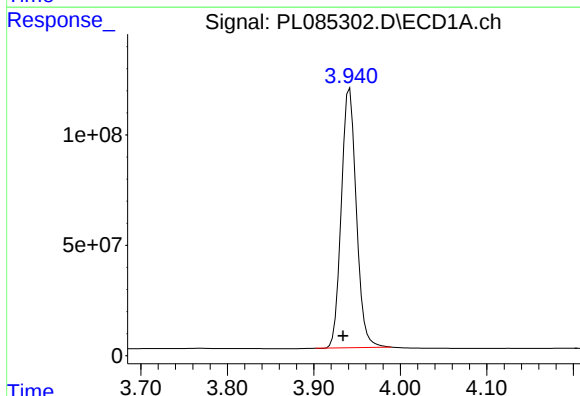
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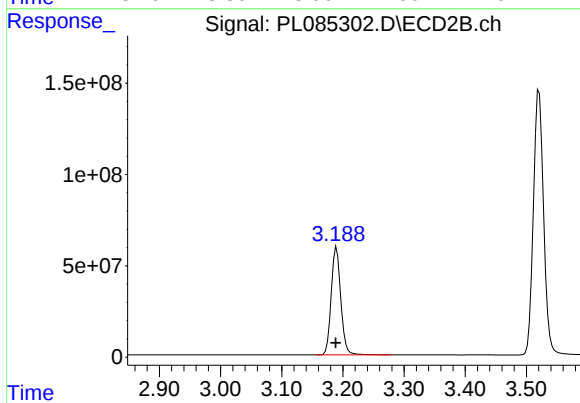
#1 Tetrachloro-m-xylene

R.T.: 2.684 min  
Delta R.T.: 0.000 min  
Response: 23500680  
Conc: 20.68 ng/ml



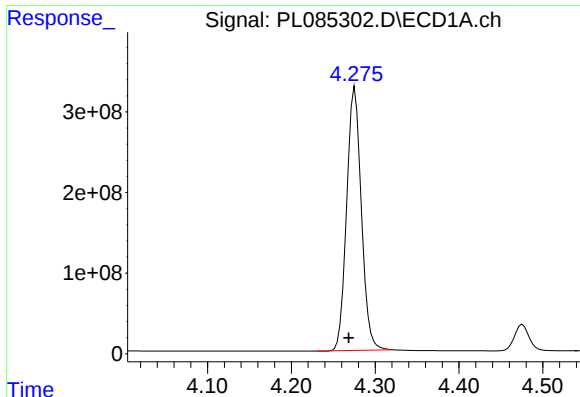
#2 alpha-BHC

R.T.: 3.942 min  
Delta R.T.: 0.008 min  
Response: 1409874412  
Conc: 409.15 ng/ml



#2 alpha-BHC

R.T.: 3.190 min  
Delta R.T.: 0.001 min  
Response: 641779750  
Conc: 392.41 ng/ml



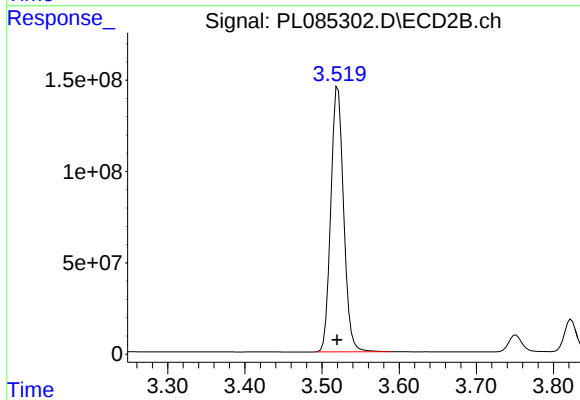
#3 gamma-BHC (Lindane)

R.T.: 4.276 min  
Delta R.T.: 0.008 min  
Response: 3983171364  
Conc: 1199.87 ng/ml

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

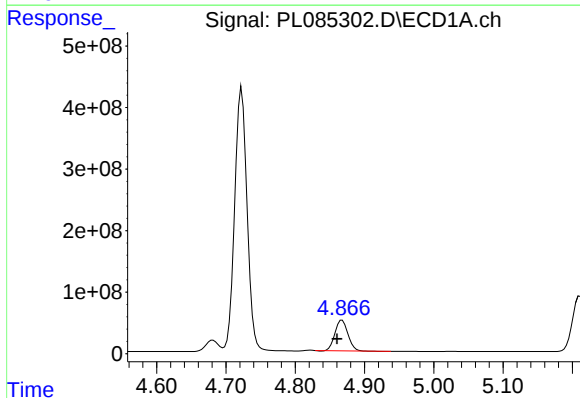
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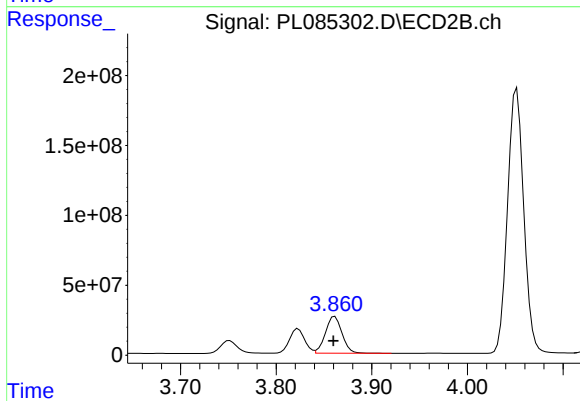
#3 gamma-BHC (Lindane)

R.T.: 3.521 min  
Delta R.T.: 0.001 min  
Response: 1683844346  
Conc: 1055.04 ng/ml



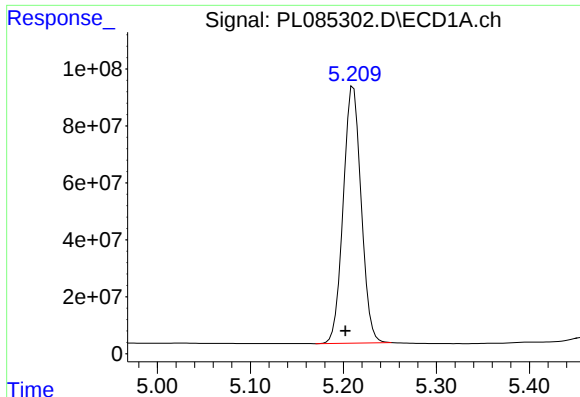
#4 Heptachlor

R.T.: 4.868 min  
Delta R.T.: 0.007 min  
Response: 647837910  
Conc: 196.47 ng/ml



#4 Heptachlor

R.T.: 3.861 min  
Delta R.T.: 0.002 min  
Response: 317564644  
Conc: 209.25 ng/ml



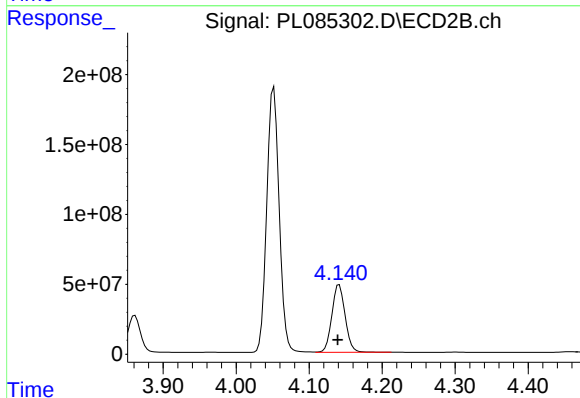
#5 Aldrin

R.T.: 5.211 min  
Delta R.T.: 0.009 min  
Response: 1206884807  
Conc: 392.50 ng/ml

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

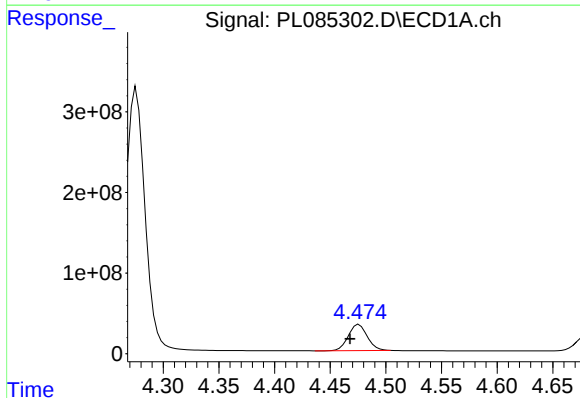
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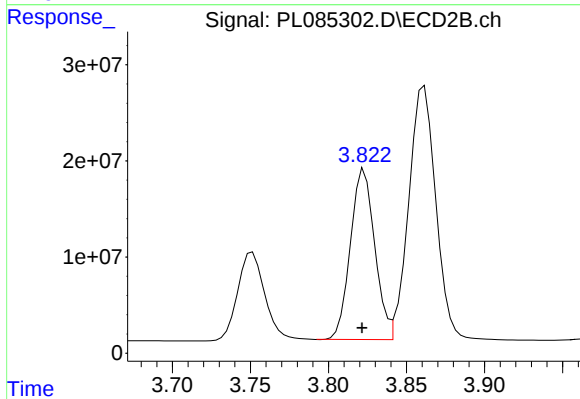
#5 Aldrin

R.T.: 4.141 min  
Delta R.T.: 0.002 min  
Response: 611068327  
Conc: 399.73 ng/ml



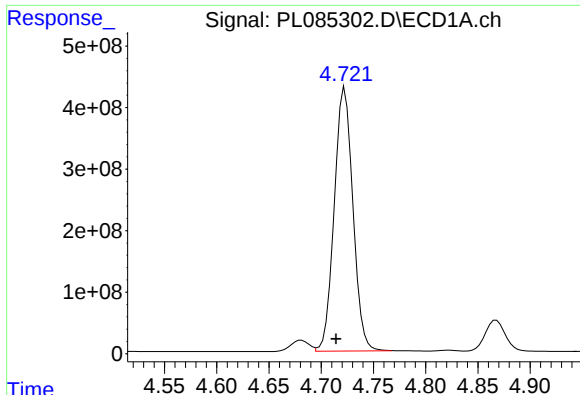
#6 beta-BHC

R.T.: 4.476 min  
Delta R.T.: 0.008 min  
Response: 384468714  
Conc: 272.03 ng/ml



#6 beta-BHC

R.T.: 3.823 min  
Delta R.T.: 0.002 min  
Response: 192378415  
Conc: 283.52 ng/ml



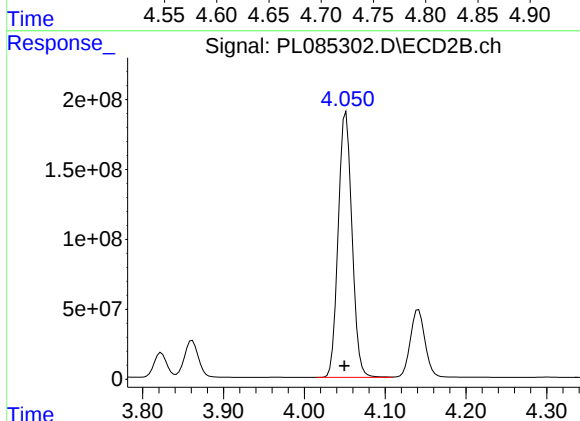
#7 delta-BHC

R.T.: 4.721 min  
Delta R.T.: 0.007 min  
Response: 5319503287  
Conc: 1683.09 ng/ml

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

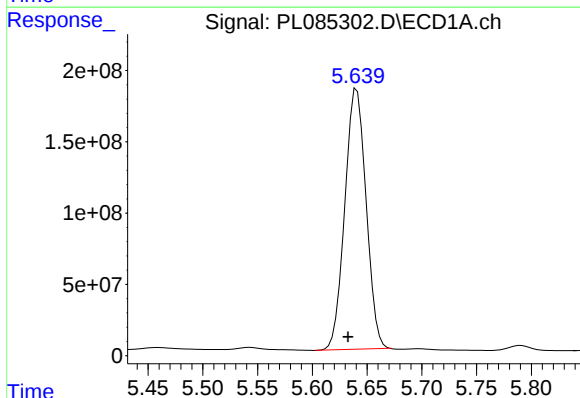
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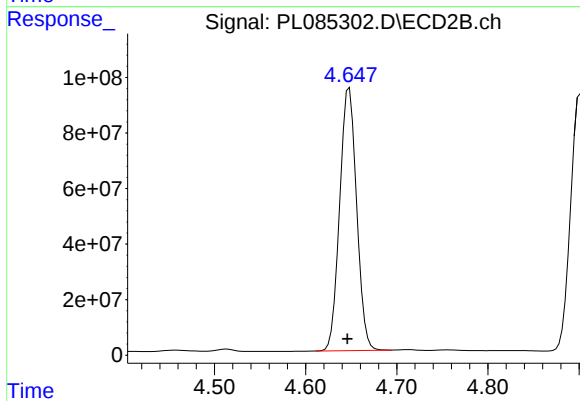
#7 delta-BHC

R.T.: 4.052 min  
Delta R.T.: 0.002 min  
Response: 2244022852  
Conc: 1435.13 ng/ml



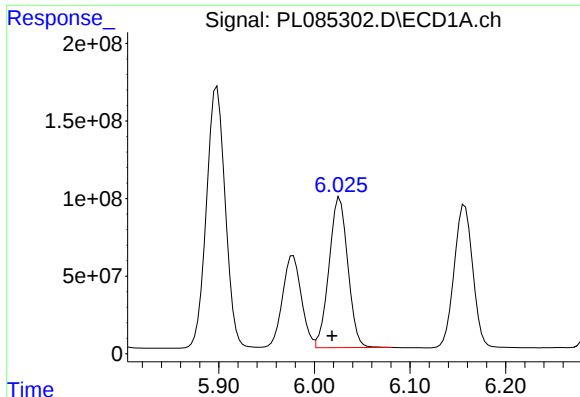
#8 Heptachlor epoxide

R.T.: 5.641 min  
Delta R.T.: 0.008 min  
Response: 2471881657  
Conc: 947.10 ng/ml



#8 Heptachlor epoxide

R.T.: 4.648 min  
Delta R.T.: 0.002 min  
Response: 1222379040  
Conc: 890.75 ng/ml



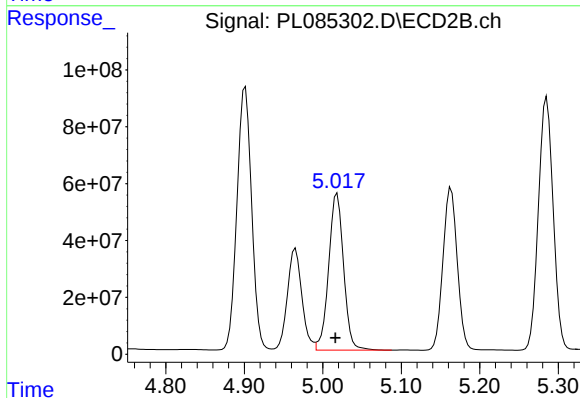
#9 Endosulfan I

R.T.: 6.026 min  
Delta R.T.: 0.008 min  
Response: 1319263160  
Conc: 549.31 ng/ml

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

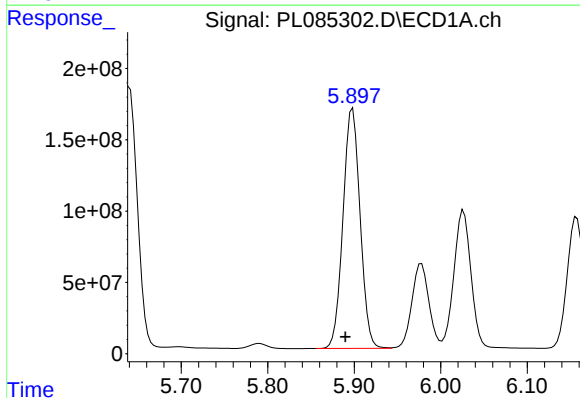
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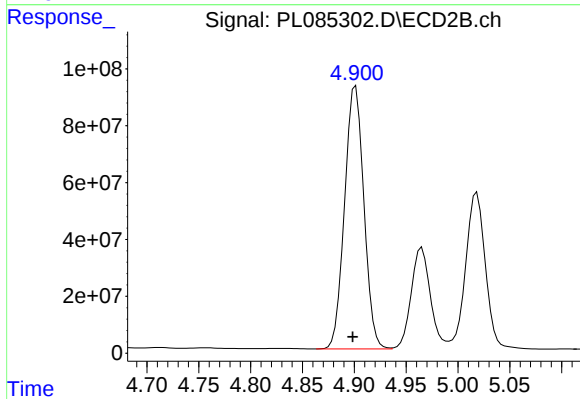
#9 Endosulfan I

R.T.: 5.018 min  
Delta R.T.: 0.002 min  
Response: 728365016  
Conc: 557.37 ng/ml



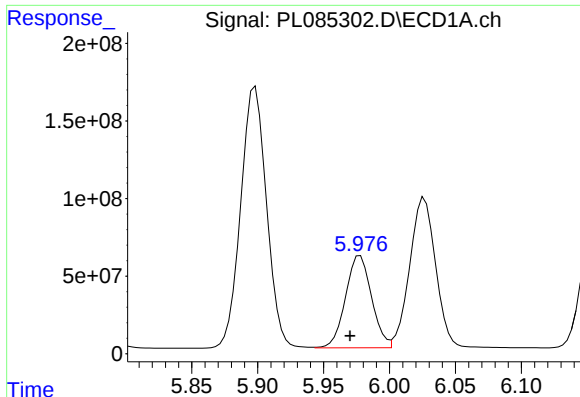
#10 gamma-Chlordane

R.T.: 5.898 min  
Delta R.T.: 0.008 min  
Response: 2299423041  
Conc: 885.15 ng/ml



#10 gamma-Chlordane

R.T.: 4.901 min  
Delta R.T.: 0.003 min  
Response: 1198962526  
Conc: 869.26 ng/ml



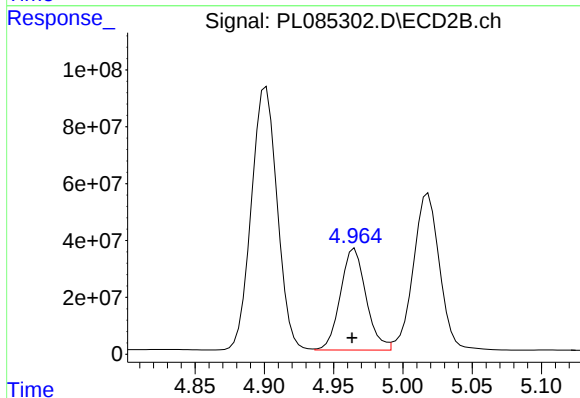
#11 alpha-Chlordane

R.T.: 5.978 min  
Delta R.T.: 0.008 min  
Response: 814897434  
Conc: 316.71 ng/ml

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

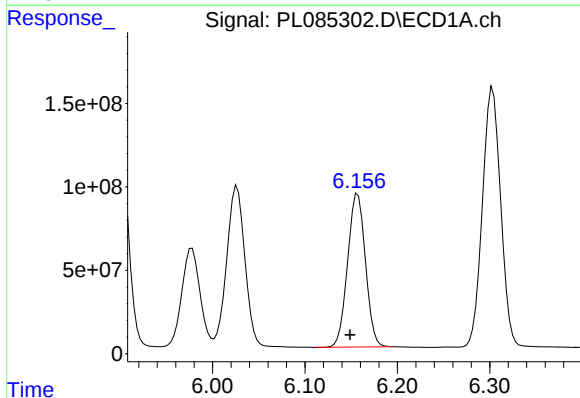
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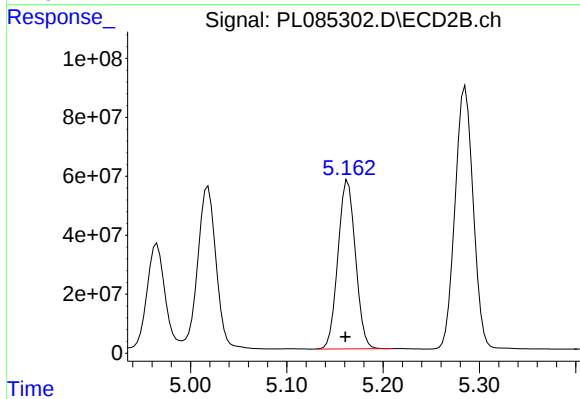
#11 alpha-Chlordane

R.T.: 4.965 min  
Delta R.T.: 0.002 min  
Response: 459982285  
Conc: 307.80 ng/ml



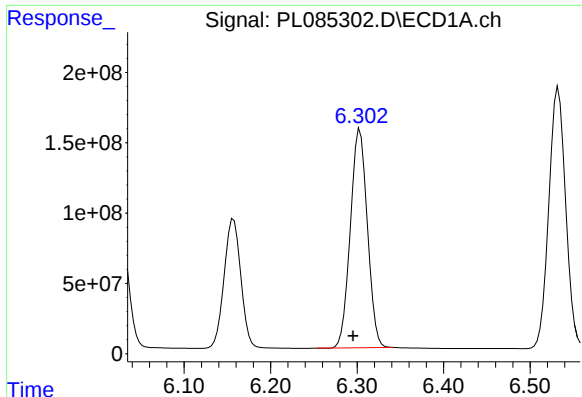
#12 4,4'-DDE

R.T.: 6.157 min  
Delta R.T.: 0.008 min  
Response: 1231412976  
Conc: 592.39 ng/ml



#12 4,4'-DDE

R.T.: 5.163 min  
Delta R.T.: 0.002 min  
Response: 721453765  
Conc: 579.92 ng/ml



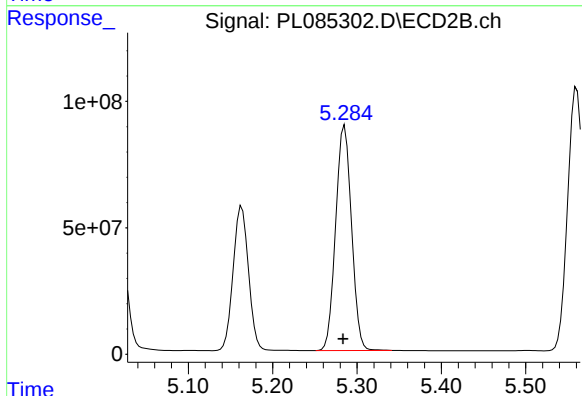
#13 Dieldrin

R.T.: 6.303 min  
Delta R.T.: 0.008 min  
Response: 2124093705  
Conc: 871.78 ng/ml

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

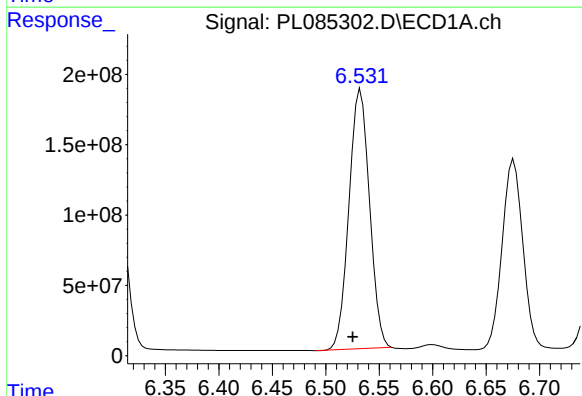
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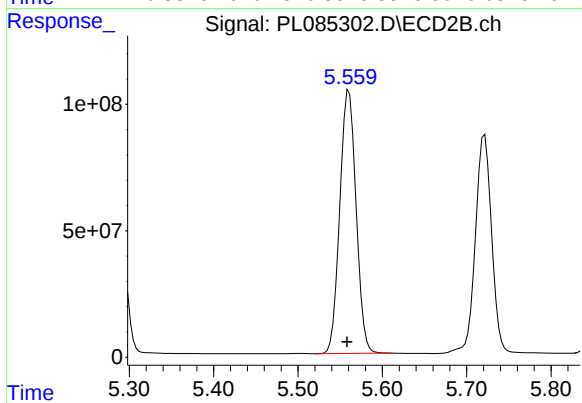
#13 Dieldrin

R.T.: 5.285 min  
Delta R.T.: 0.002 min  
Response: 1164691776  
Conc: 828.46 ng/ml



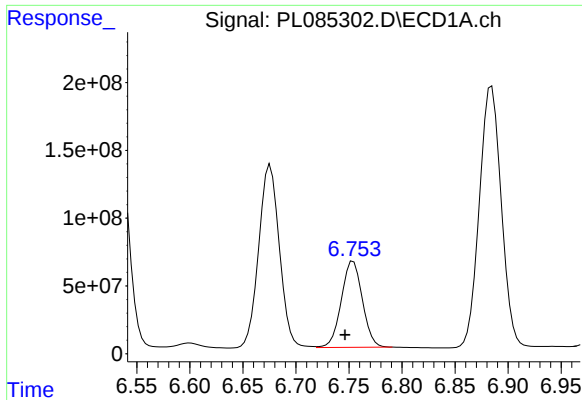
#14 Endrin

R.T.: 6.533 min  
Delta R.T.: 0.007 min  
Response: 2470982867  
Conc: 1196.22 ng/ml



#14 Endrin

R.T.: 5.561 min  
Delta R.T.: 0.002 min  
Response: 1401095600  
Conc: 1096.13 ng/ml



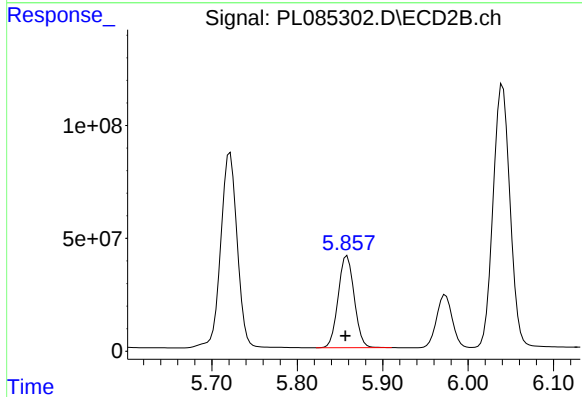
#15 Endosulfan II

R.T.: 6.754 min  
Delta R.T.: 0.008 min  
Response: 874568217  
Conc: 432.19 ng/ml

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

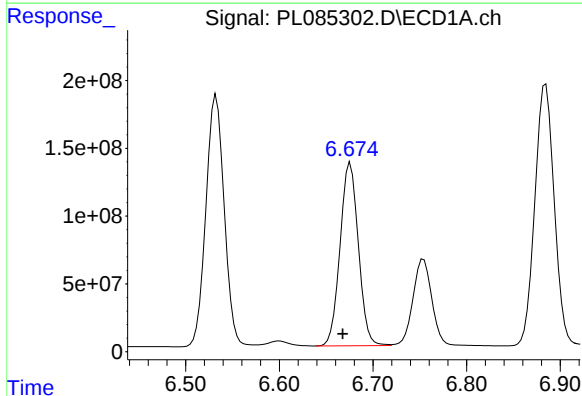
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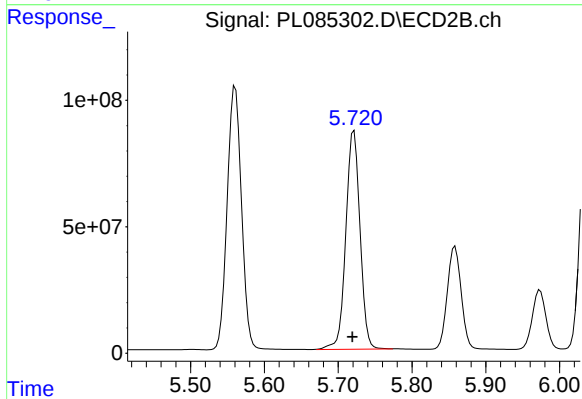
#15 Endosulfan II

R.T.: 5.858 min  
Delta R.T.: 0.002 min  
Response: 530613681  
Conc: 428.53 ng/ml



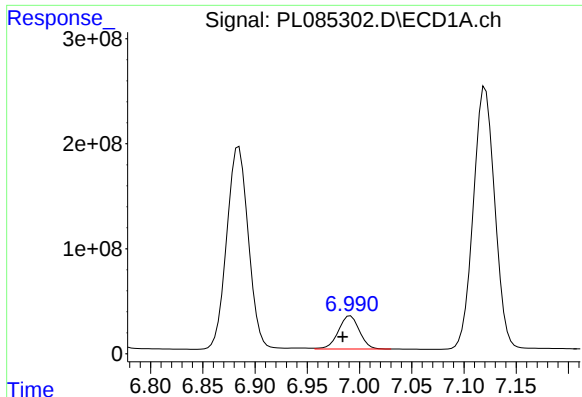
#16 4,4'-DDD

R.T.: 6.676 min  
Delta R.T.: 0.008 min  
Response: 1833061351  
Conc: 1190.57 ng/ml



#16 4,4'-DDD

R.T.: 5.720 min  
Delta R.T.: 0.000 min  
Response: 1154302677  
Conc: 1098.71 ng/ml m



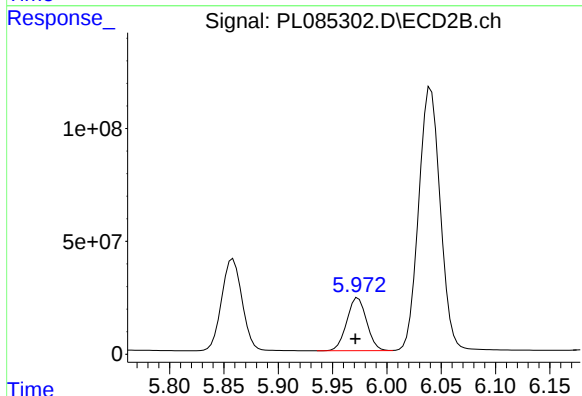
#17 4,4'-DDT

R.T.: 6.991 min  
Delta R.T.: 0.008 min  
Response: 443092423  
Conc: 263.03 ng/ml

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

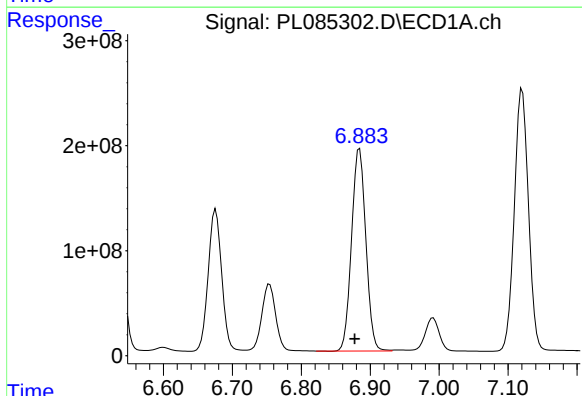
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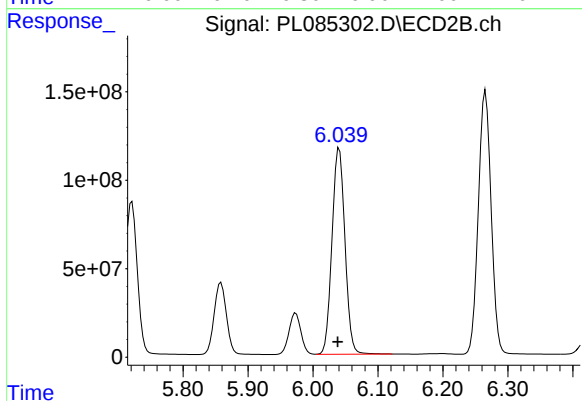
#17 4,4'-DDT

R.T.: 5.973 min  
Delta R.T.: 0.002 min  
Response: 297693151  
Conc: 255.35 ng/ml



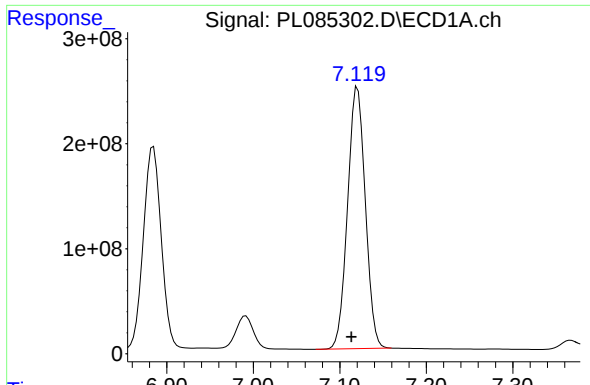
#18 Endrin aldehyde

R.T.: 6.885 min  
Delta R.T.: 0.007 min  
Response: 2774806231  
Conc: 1805.18 ng/ml



#18 Endrin aldehyde

R.T.: 6.040 min  
Delta R.T.: 0.002 min  
Response: 1610355454  
Conc: 1576.56 ng/ml



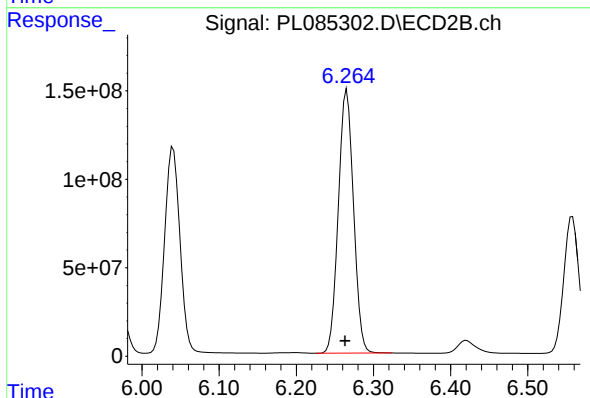
#19 Endosulfan Sulfate

R.T.: 7.120 min  
Delta R.T.: 0.007 min  
Response: 3541877917  
Conc: 1892.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
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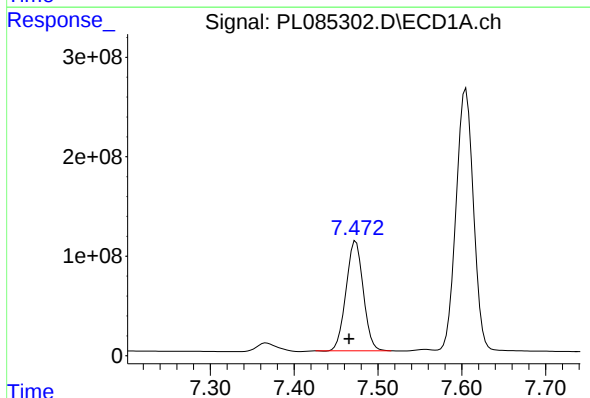
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Reviewed By :Abdul Mirza 09/14/2023  
Supervised By :Ankita Jodhani 09/14/2023



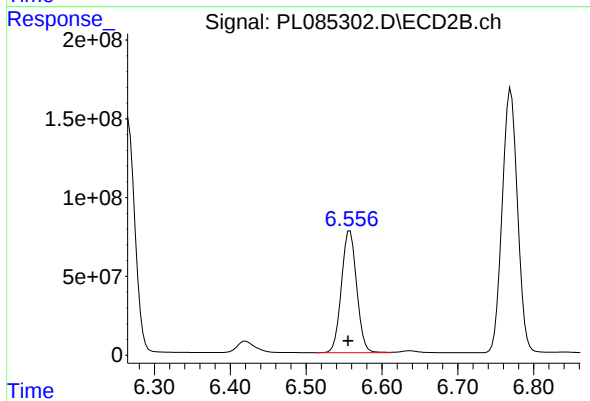
#19 Endosulfan Sulfate

R.T.: 6.266 min  
Delta R.T.: 0.003 min  
Response: 2035061791  
Conc: 1695.89 ng/ml



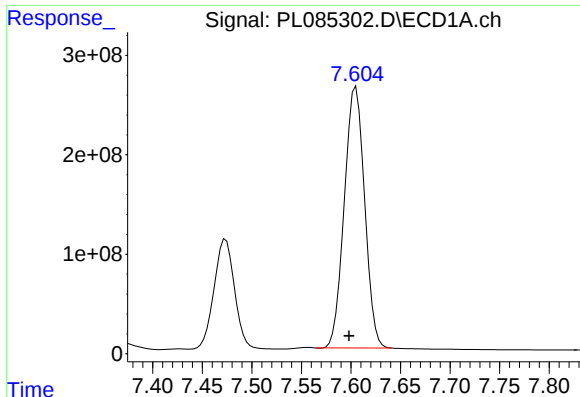
#20 Methoxychlor

R.T.: 7.474 min  
Delta R.T.: 0.008 min  
Response: 1578528010  
Conc: 1737.31 ng/ml



#20 Methoxychlor

R.T.: 6.558 min  
Delta R.T.: 0.003 min  
Response: 1080790927  
Conc: 1606.61 ng/ml



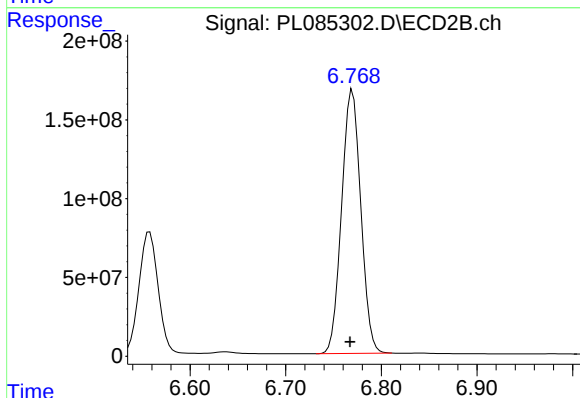
#21 Endrin ketone

R.T.: 7.605 min  
Delta R.T.: 0.007 min  
Response: 3748682019  
Conc: 1913.69 ng/ml

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

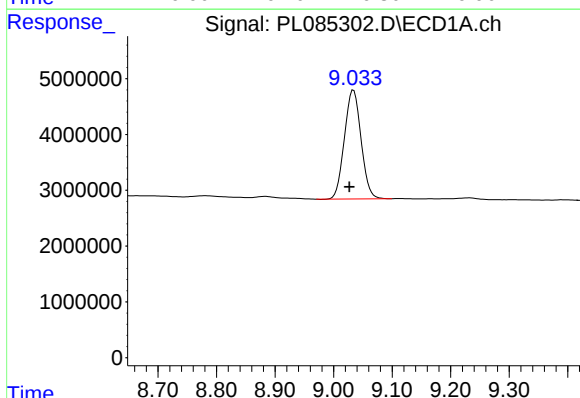
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 09/14/2023  
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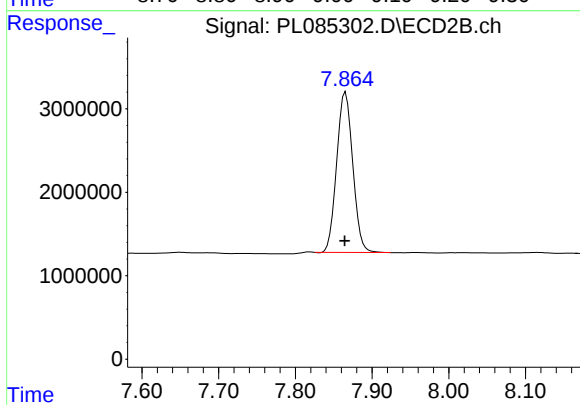
#21 Endrin ketone

R.T.: 6.770 min  
Delta R.T.: 0.002 min  
Response: 2341075811  
Conc: 1587.19 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.034 min  
Delta R.T.: 0.007 min  
Response: 38588804  
Conc: 24.00 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.865 min  
Delta R.T.: 0.001 min  
Response: 28024769  
Conc: 21.05 ng/ml