

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL013024\  
 Data File : PL088034.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 30 Jan 2024 10:27  
 Operator : AR\AJ  
 Sample : P1260-01MS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 SU-03-01252024MS

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 01/31/2024  
 Supervised By :Ankita Jodhani 01/31/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 30 21:12:44 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012724.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Jan 29 12:34:13 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... | 3.418 | 2.672 | 54079216 | 25382524 | 18.644m | 20.449  |
| 28)                         | SA Decachlor... | 8.981 | 7.857 | 53432857 | 22200355 | 19.938  | 18.254  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.874 | 3.175 | 192.4E6  | 82514564 | 44.210m | 44.852  |
| 3)                          | MA gamma-BHC... | 4.208 | 3.505 | 198.5E6  | 78040601 | 46.918m | 43.262  |
| 4)                          | MA Heptachlor   | 4.802 | 3.846 | 193.1E6  | 78072985 | 46.431  | 44.901  |
| 5)                          | MB Aldrin       | 5.143 | 4.126 | 182.0E6  | 81967239 | 44.547m | 47.173  |
| 6)                          | B beta-BHC      | 4.409 | 3.807 | 84470092 | 34801594 | 45.748m | 45.989  |
| 7)                          | B delta-BHC     | 4.656 | 4.036 | 187.3E6  | 78882464 | 46.006  | 45.363  |
| 8)                          | B Heptachlo...  | 5.576 | 4.634 | 164.1E6  | 70040489 | 43.433  | 44.976  |
| 9)                          | A Endosulfan I  | 5.961 | 5.005 | 145.3E6  | 56173613 | 42.753m | 39.703  |
| 10)                         | B gamma-Chl...  | 5.834 | 4.887 | 183.8E6  | 76348429 | 49.651  | 49.462  |
| 11)                         | B alpha-Chl...  | 5.914 | 4.952 | 185.5E6  | 74324623 | 50.590  | 47.693  |
| 12)                         | B 4,4'-DDE      | 6.097 | 5.149 | 125.3E6  | 63807265 | 41.672  | 49.946  |
| 13)                         | MA Dieldrin     | 6.240 | 5.271 | 186.1E6  | 83649354 | 52.374  | 54.567m |
| 14)                         | MA Endrin       | 6.470 | 5.548 | 130.9E6  | 64893347 | 43.332  | 47.915  |
| 15)                         | B Endosulfa...  | 6.693 | 5.846 | 132.3E6  | 60598239 | 43.580  | 46.483  |
| 16)                         | A 4,4'-DDD      | 6.615 | 5.708 | 123.8E6  | 50751355 | 51.442m | 48.264  |
| 17)                         | MA 4,4'-DDT     | 6.934 | 5.961 | 134.2E6  | 55097960 | 49.028  | 46.431  |
| 18)                         | B Endrin al...  | 6.824 | 6.028 | 99622839 | 42791618 | 42.796  | 42.380  |
| 19)                         | B Endosulfa...  | 7.061 | 6.253 | 129.4E6  | 54129035 | 44.712  | 42.629  |
| 20)                         | A Methoxychlor  | 7.418 | 6.547 | 67324685 | 31403367 | 43.328m | 44.244  |
| 21)                         | B Endrin ke...  | 7.547 | 6.760 | 137.4E6  | 62153597 | 44.879  | 41.862  |
| 22)                         | Mirex           | 8.024 | 6.940 | 114.3E6  | 51939106 | 42.475  | 40.317  |
| -----                       |                 |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL013024\  
Data File : PL088034.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 30 Jan 2024 10:27  
Operator : AR\AJ  
Sample : P1260-01MS  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

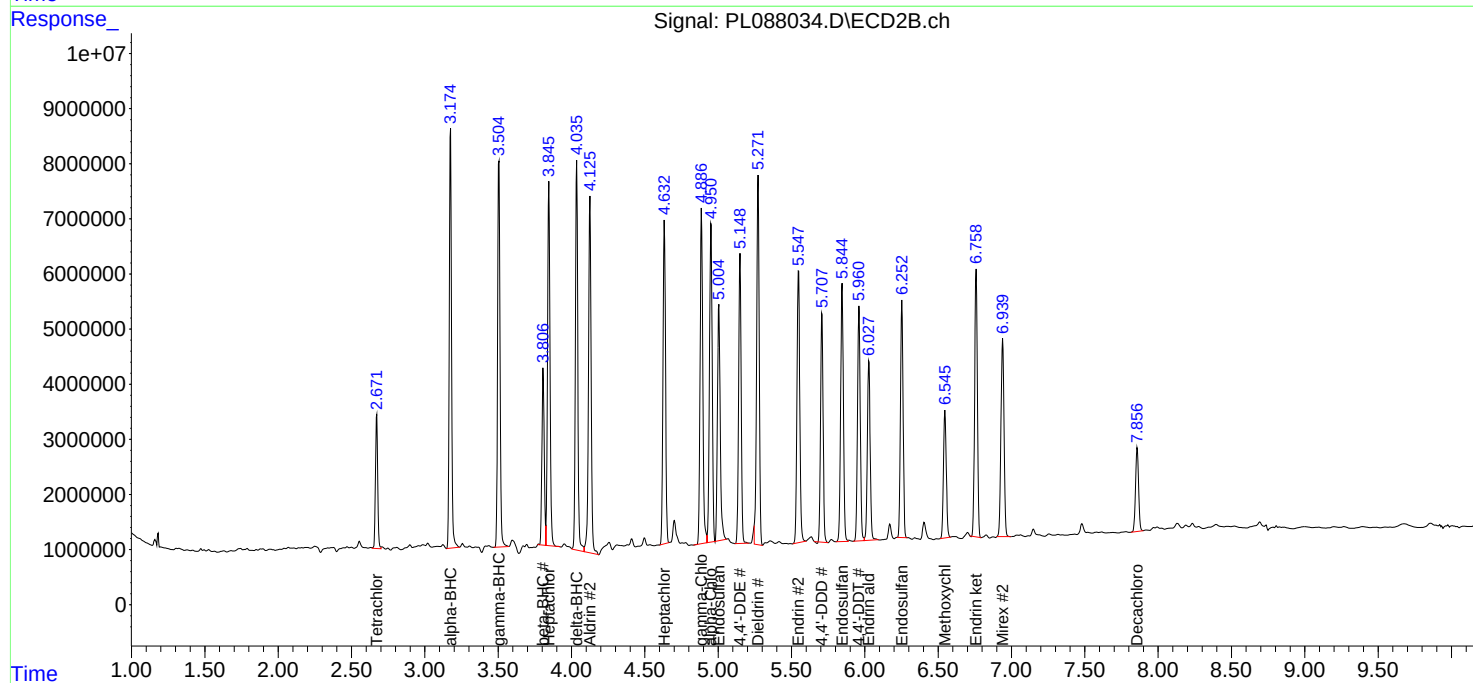
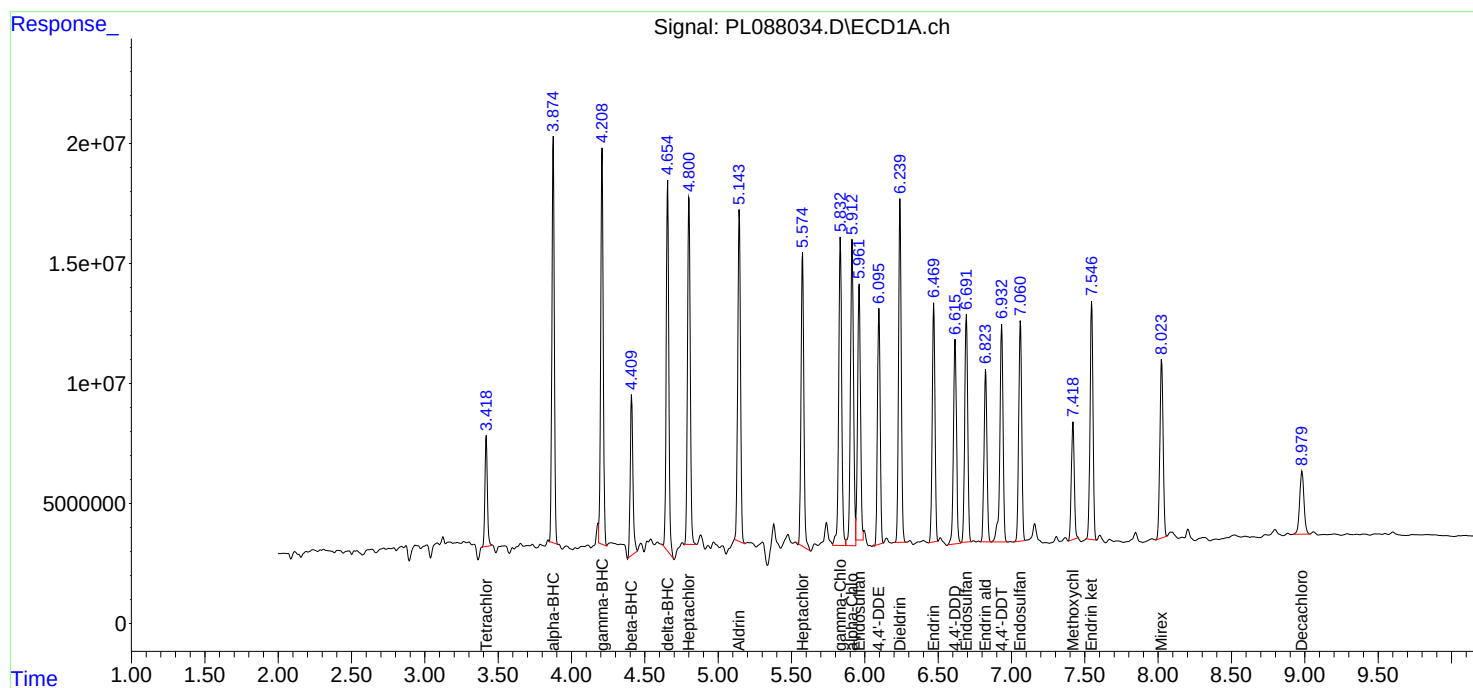
Instrument :  
ECD\_L  
ClientSampleId :  
SU-03-01252024MS

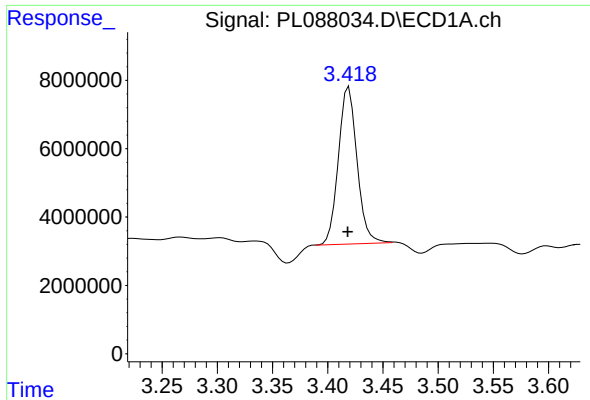
Manual Integrations  
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Supervised By : Ankita Jodhani 01/31/2024

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 30 21:12:44 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012724.M  
Quant Title : GC Extractables  
QLast Update : Mon Jan 29 12:34:13 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





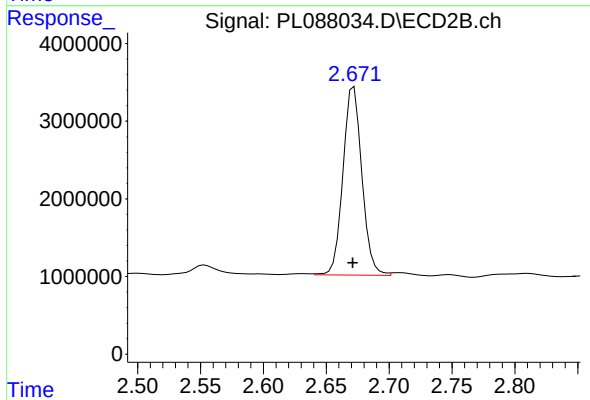
#1 Tetrachloro-m-xylene

R.T.: 3.418 min  
Delta R.T.: 0.000 min  
Response: 54079216  
Conc: 18.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SU-03-01252024MS

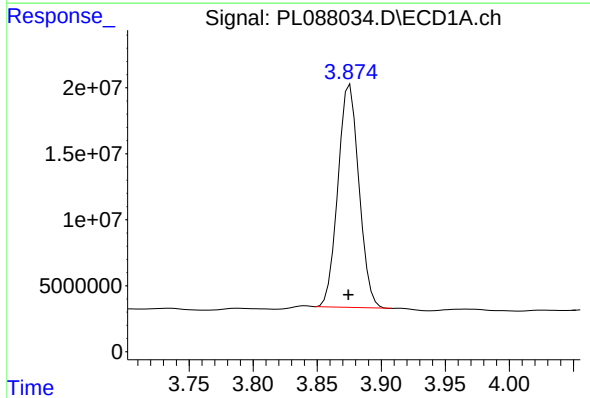
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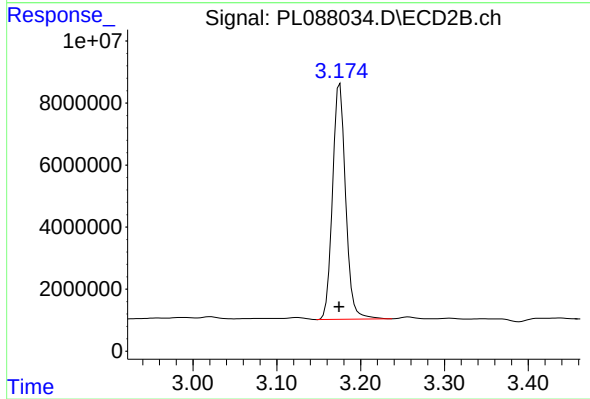
#1 Tetrachloro-m-xylene

R.T.: 2.672 min  
Delta R.T.: 0.001 min  
Response: 25382524  
Conc: 20.45 ng/ml



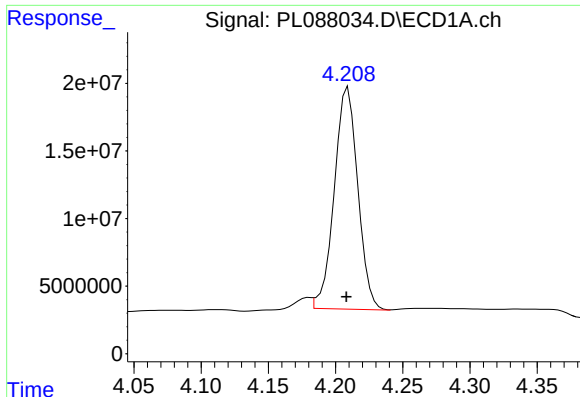
#2 alpha-BHC

R.T.: 3.874 min  
Delta R.T.: 0.000 min  
Response: 192359802  
Conc: 44.21 ng/ml m



#2 alpha-BHC

R.T.: 3.175 min  
Delta R.T.: 0.000 min  
Response: 82514564  
Conc: 44.85 ng/ml



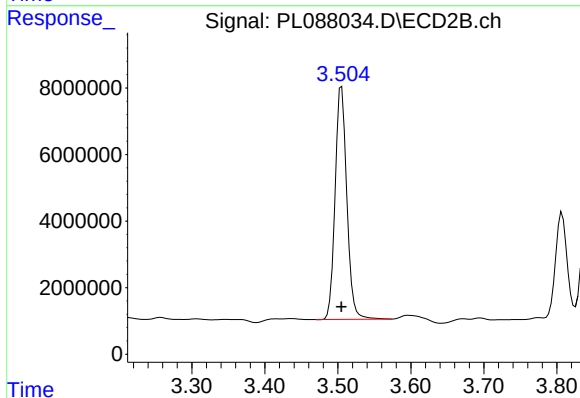
#3 gamma-BHC (Lindane)

R.T.: 4.208 min  
Delta R.T.: 0.000 min  
Response: 198529141  
Conc: 46.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
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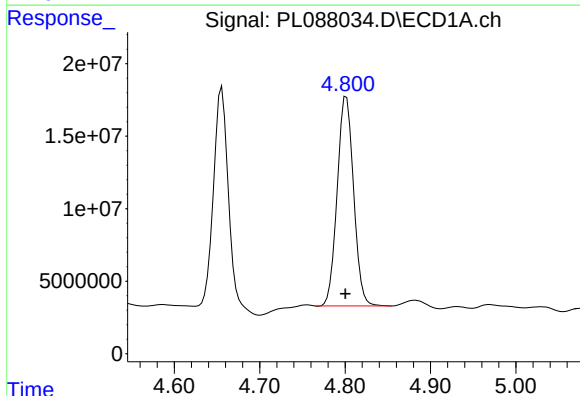
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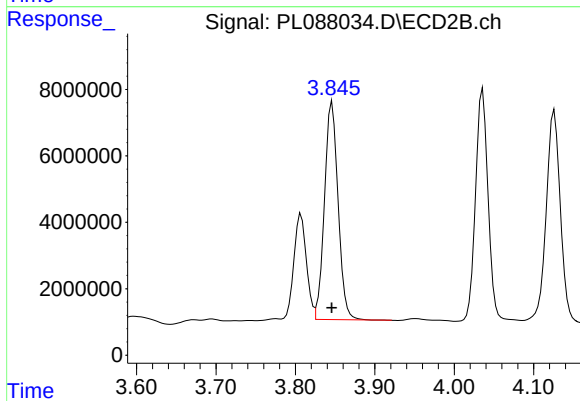
#3 gamma-BHC (Lindane)

R.T.: 3.505 min  
Delta R.T.: 0.000 min  
Response: 78040601  
Conc: 43.26 ng/ml



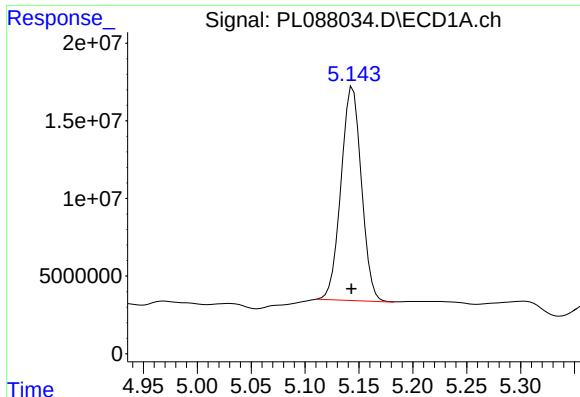
#4 Heptachlor

R.T.: 4.802 min  
Delta R.T.: 0.000 min  
Response: 193139264  
Conc: 46.43 ng/ml



#4 Heptachlor

R.T.: 3.846 min  
Delta R.T.: 0.000 min  
Response: 78072985  
Conc: 44.90 ng/ml



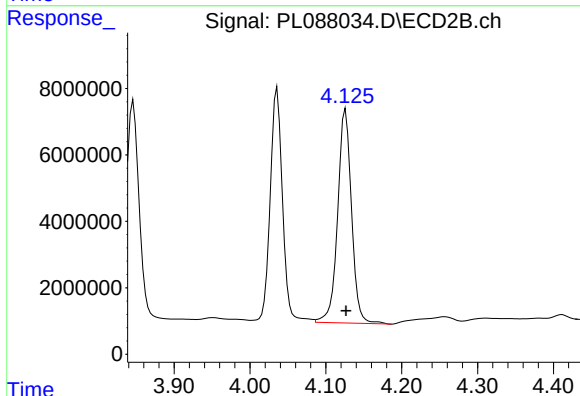
#5 Aldrin

R.T.: 5.143 min  
Delta R.T.: 0.000 min  
Response: 181955119  
Conc: 44.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SU-03-01252024MS

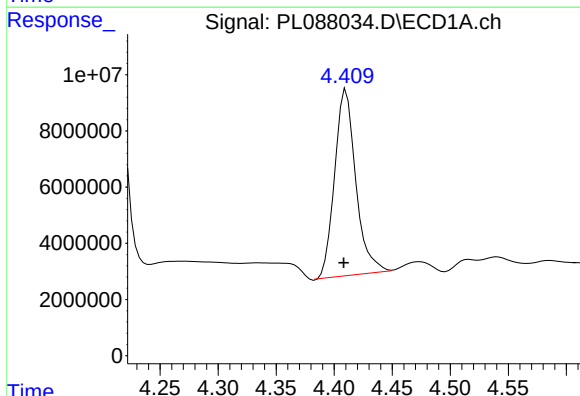
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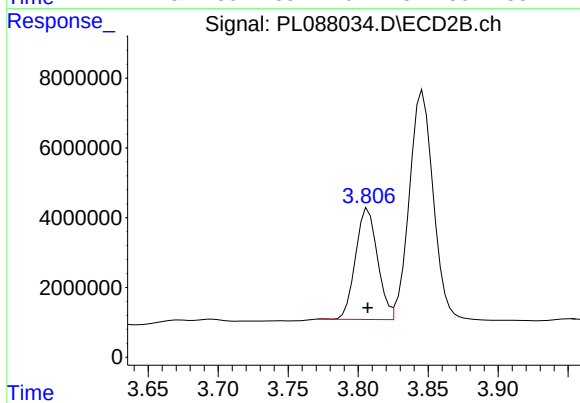
#5 Aldrin

R.T.: 4.126 min  
Delta R.T.: 0.000 min  
Response: 81967239  
Conc: 47.17 ng/ml



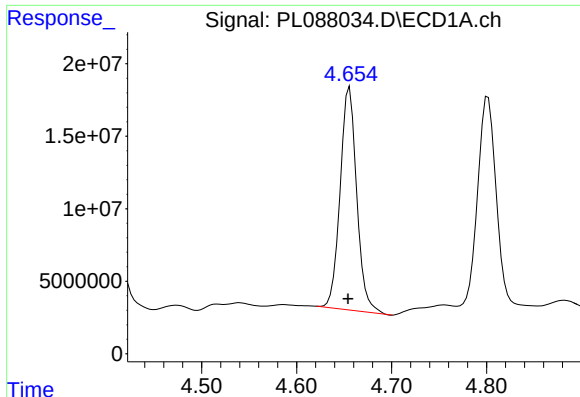
#6 beta-BHC

R.T.: 4.409 min  
Delta R.T.: 0.000 min  
Response: 84470092  
Conc: 45.75 ng/ml m



#6 beta-BHC

R.T.: 3.807 min  
Delta R.T.: 0.000 min  
Response: 34801594  
Conc: 45.99 ng/ml



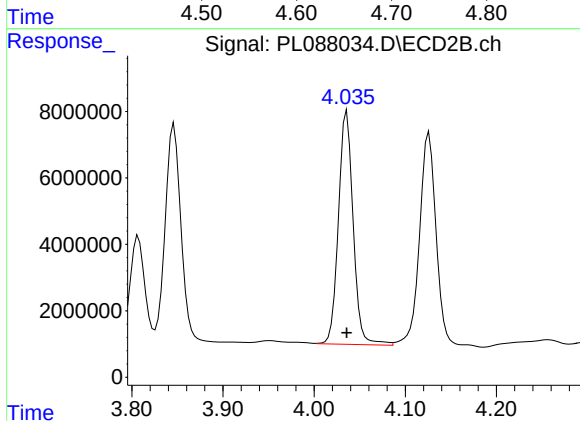
#7 delta-BHC

R.T.: 4.656 min  
Delta R.T.: 0.002 min  
Response: 187302886  
Conc: 46.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SU-03-01252024MS

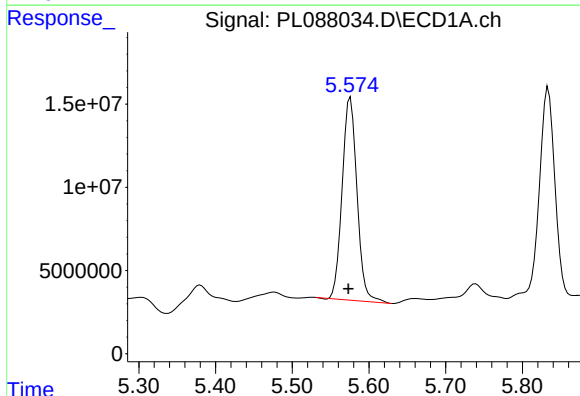
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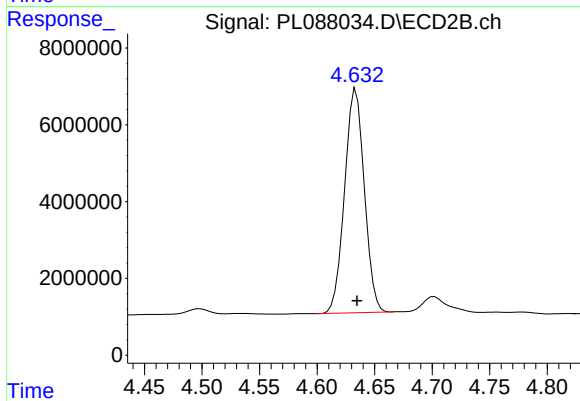
#7 delta-BHC

R.T.: 4.036 min  
Delta R.T.: 0.000 min  
Response: 78882464  
Conc: 45.36 ng/ml



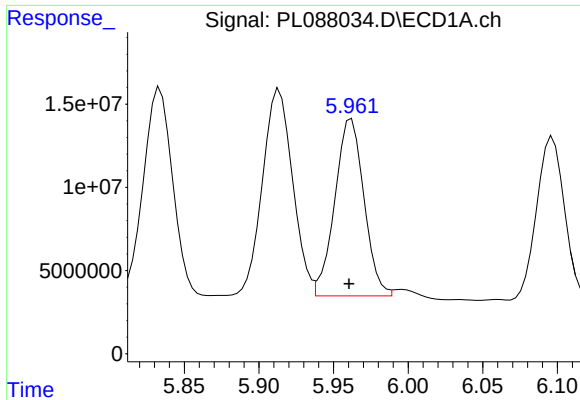
#8 Heptachlor epoxide

R.T.: 5.576 min  
Delta R.T.: 0.002 min  
Response: 164082404  
Conc: 43.43 ng/ml



#8 Heptachlor epoxide

R.T.: 4.634 min  
Delta R.T.: 0.000 min  
Response: 70040489  
Conc: 44.98 ng/ml



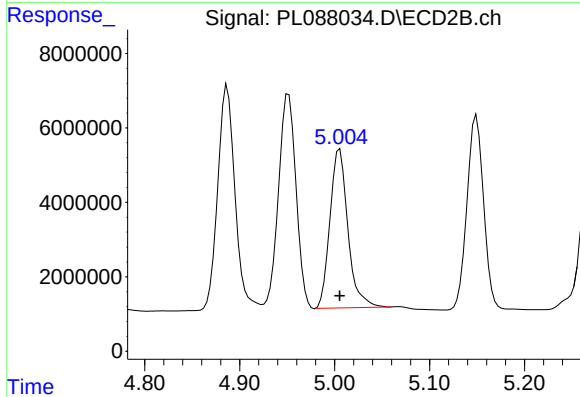
#9 Endosulfan I

R.T.: 5.961 min  
Delta R.T.: 0.000 min  
Response: 145270209  
Conc: 42.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SU-03-01252024MS

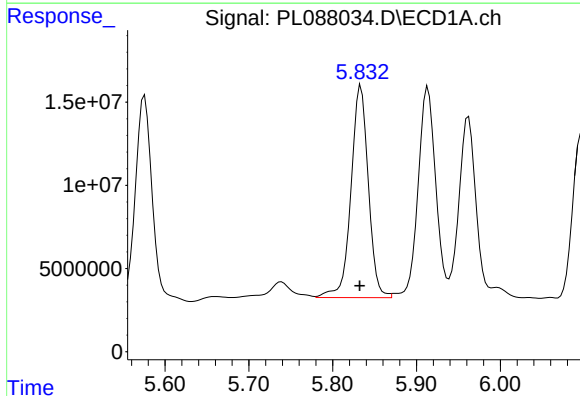
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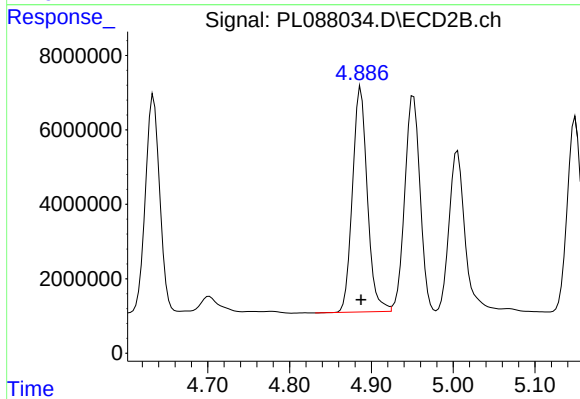
#9 Endosulfan I

R.T.: 5.005 min  
Delta R.T.: 0.000 min  
Response: 56173613  
Conc: 39.70 ng/ml



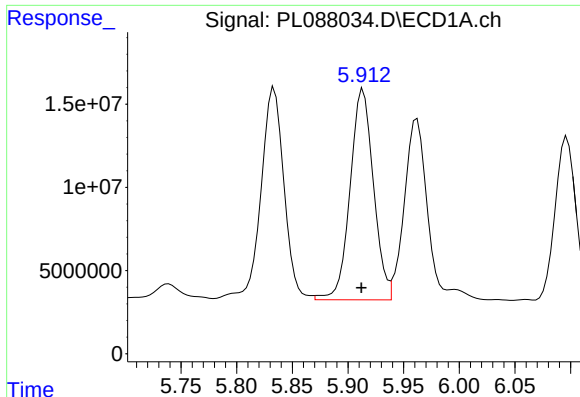
#10 gamma-Chlordane

R.T.: 5.834 min  
Delta R.T.: 0.002 min  
Response: 183819990  
Conc: 49.65 ng/ml



#10 gamma-Chlordane

R.T.: 4.887 min  
Delta R.T.: 0.000 min  
Response: 76348429  
Conc: 49.46 ng/ml



#11 alpha-Chlordane

R.T.: 5.914 min  
Delta R.T.: 0.002 min  
Response: 185496320  
Conc: 50.59 ng/ml

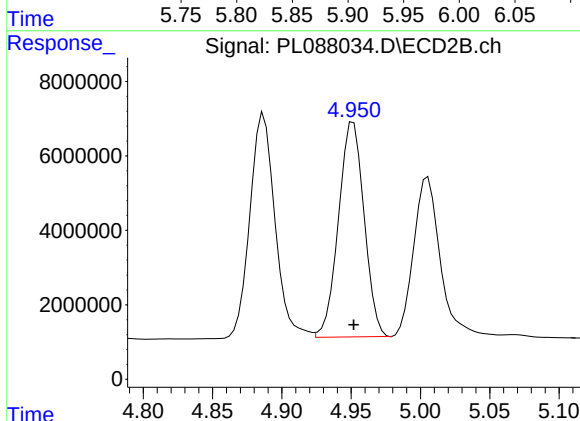
Instrument :

ECD\_L

ClientSampleId :  
SU-03-01252024MS

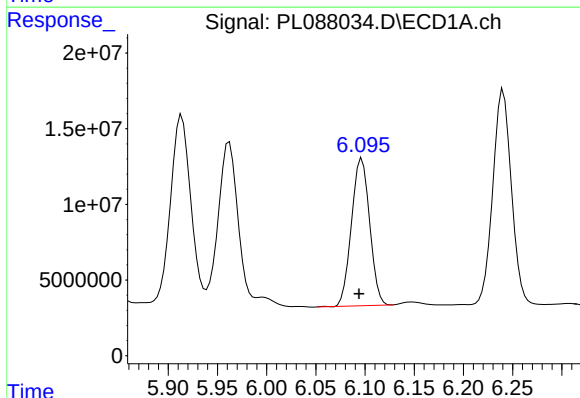
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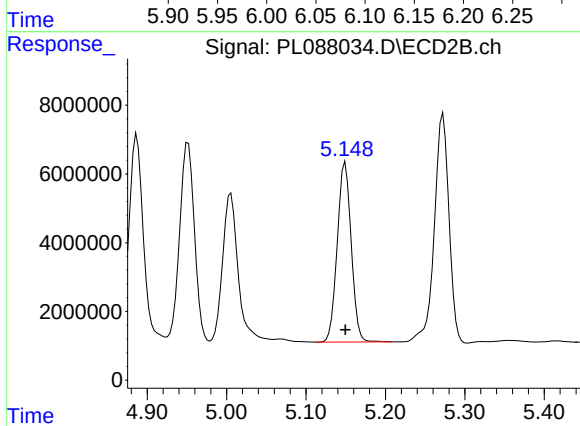
#11 alpha-Chlordane

R.T.: 4.952 min  
Delta R.T.: 0.000 min  
Response: 74324623  
Conc: 47.69 ng/ml



#12 4,4'-DDE

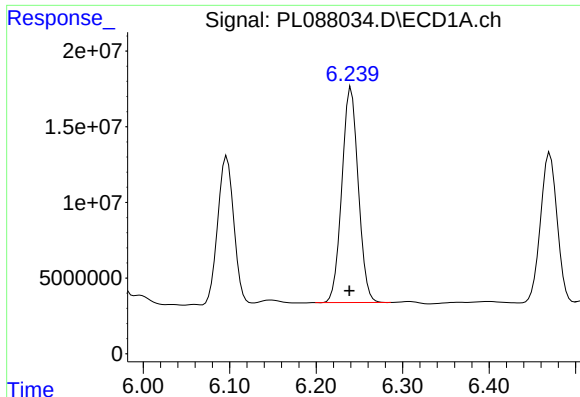
R.T.: 6.097 min  
Delta R.T.: 0.003 min  
Response: 125337708  
Conc: 41.67 ng/ml



#12 4,4'-DDE

R.T.: 5.149 min  
Delta R.T.: 0.000 min  
Response: 63807265  
Conc: 49.95 ng/ml





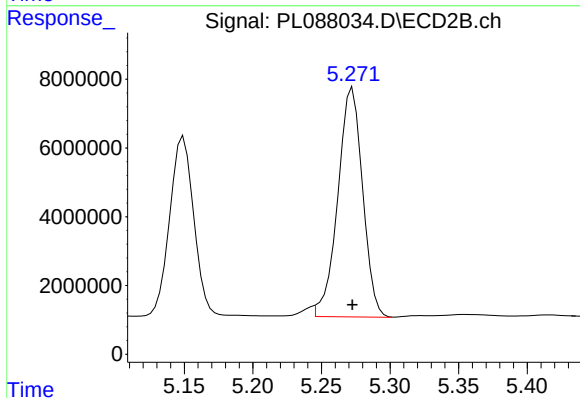
#13 Dieldrin

R.T.: 6.240 min  
Delta R.T.: 0.002 min  
Response: 186068765  
Conc: 52.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
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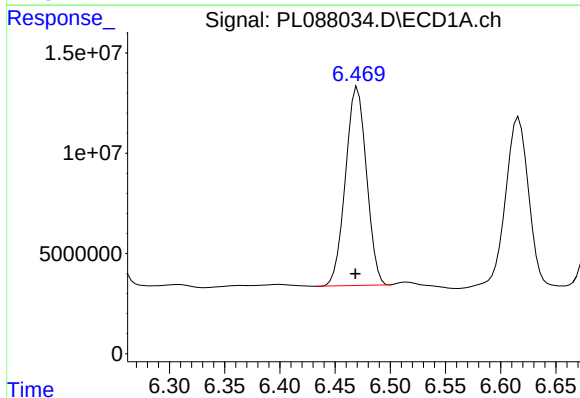
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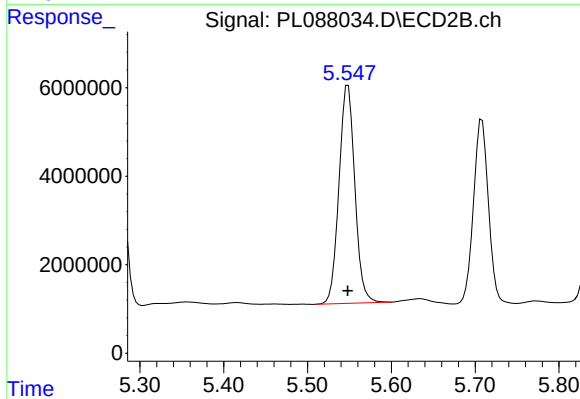
#13 Dieldrin

R.T.: 5.271 min  
Delta R.T.: -0.001 min  
Response: 83649354  
Conc: 54.57 ng/ml m



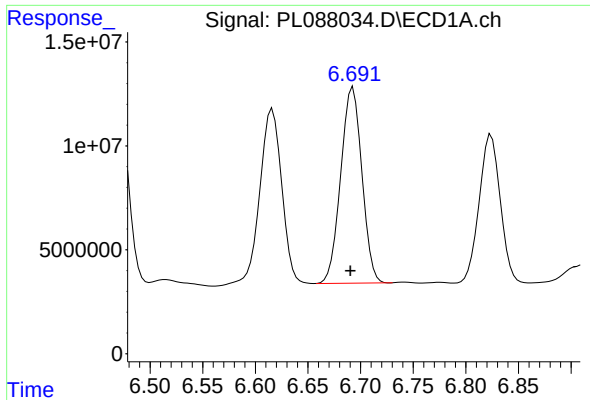
#14 Endrin

R.T.: 6.470 min  
Delta R.T.: 0.002 min  
Response: 130900605  
Conc: 43.33 ng/ml



#14 Endrin

R.T.: 5.548 min  
Delta R.T.: 0.000 min  
Response: 64893347  
Conc: 47.91 ng/ml



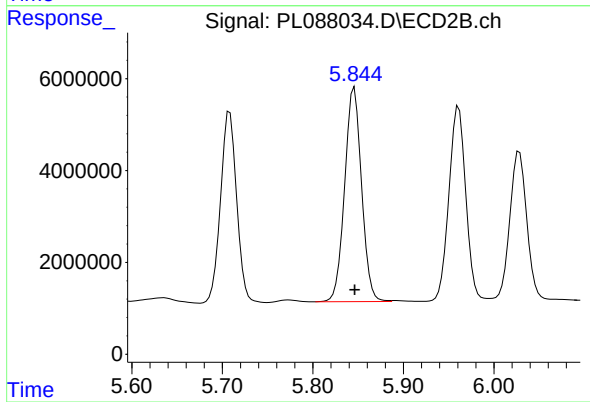
#15 Endosulfan II

R.T.: 6.693 min  
Delta R.T.: 0.002 min  
Response: 132344734  
Conc: 43.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SU-03-01252024MS

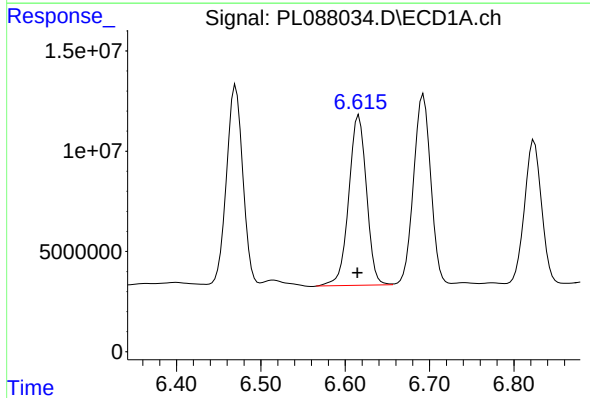
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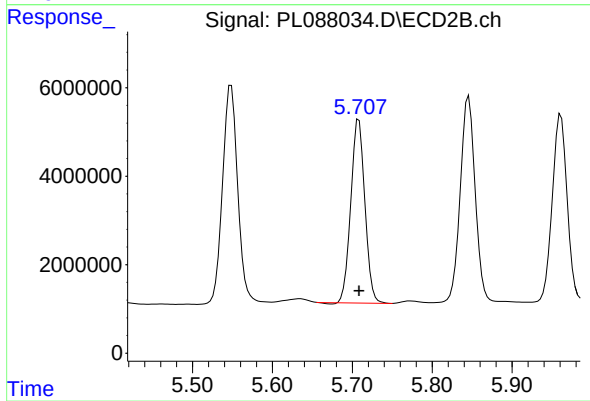
#15 Endosulfan II

R.T.: 5.846 min  
Delta R.T.: 0.000 min  
Response: 60598239  
Conc: 46.48 ng/ml



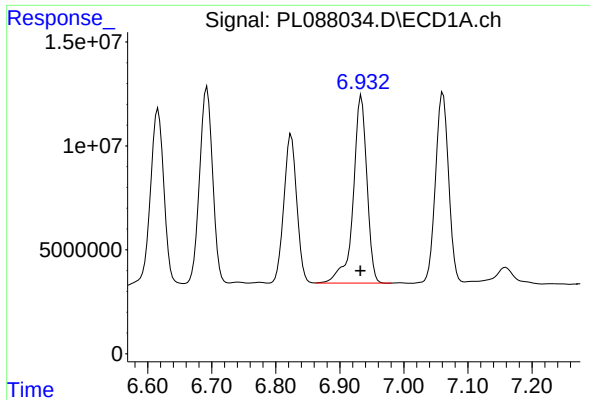
#16 4,4'-DDD

R.T.: 6.615 min  
Delta R.T.: 0.000 min  
Response: 123776638  
Conc: 51.44 ng/ml m



#16 4,4'-DDD

R.T.: 5.708 min  
Delta R.T.: 0.000 min  
Response: 50751355  
Conc: 48.26 ng/ml



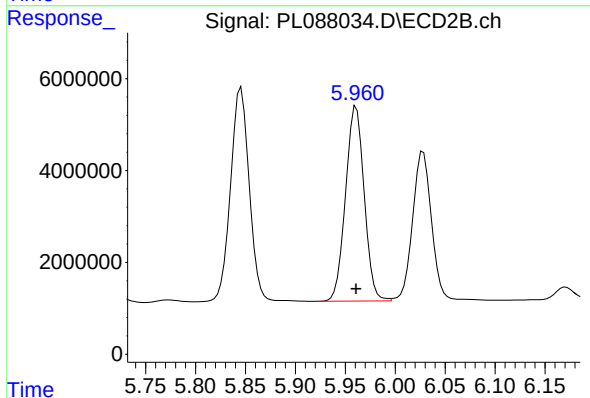
#17 4,4'-DDT

R.T.: 6.934 min  
Delta R.T.: 0.002 min  
Response: 134188490  
Conc: 49.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SU-03-01252024MS

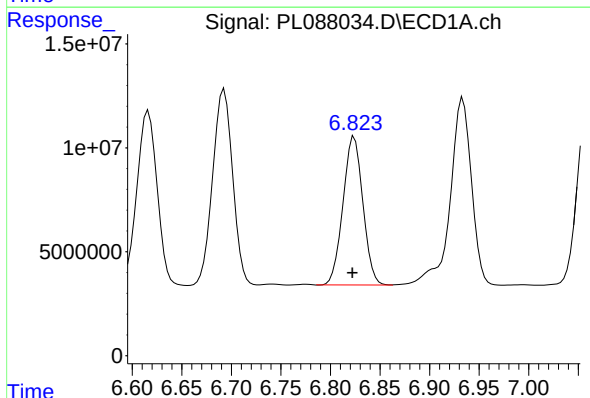
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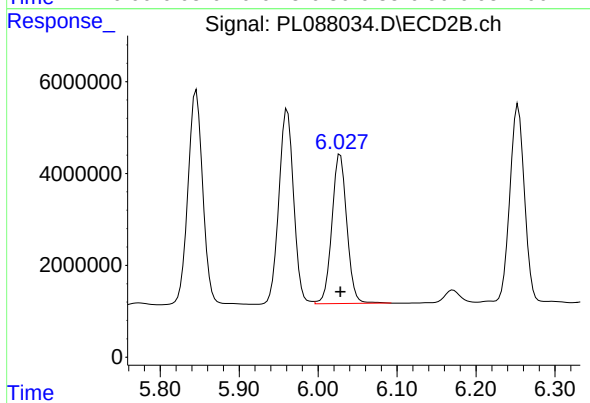
#17 4,4'-DDT

R.T.: 5.961 min  
Delta R.T.: 0.000 min  
Response: 55097960  
Conc: 46.43 ng/ml



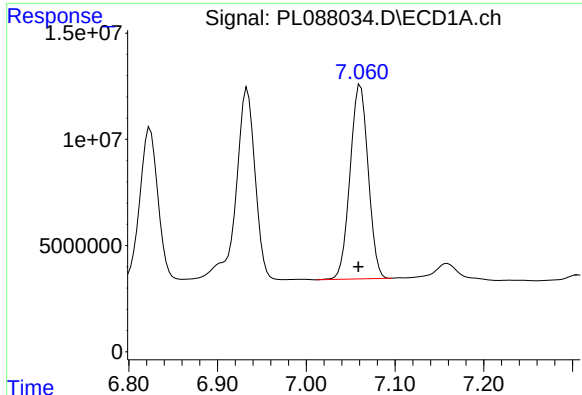
#18 Endrin aldehyde

R.T.: 6.824 min  
Delta R.T.: 0.002 min  
Response: 99622839  
Conc: 42.80 ng/ml



#18 Endrin aldehyde

R.T.: 6.028 min  
Delta R.T.: 0.000 min  
Response: 42791618  
Conc: 42.38 ng/ml



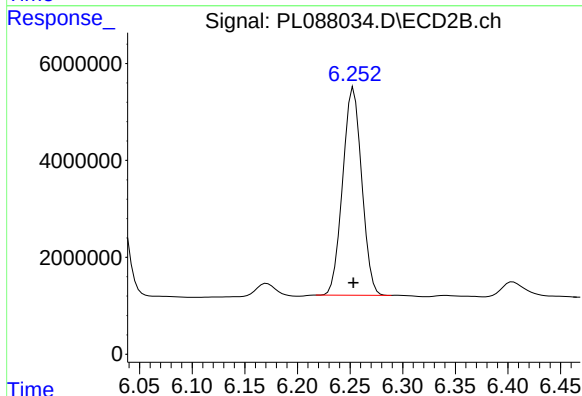
#19 Endosulfan Sulfate

R.T.: 7.061 min  
Delta R.T.: 0.002 min  
Response: 129409120  
Conc: 44.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
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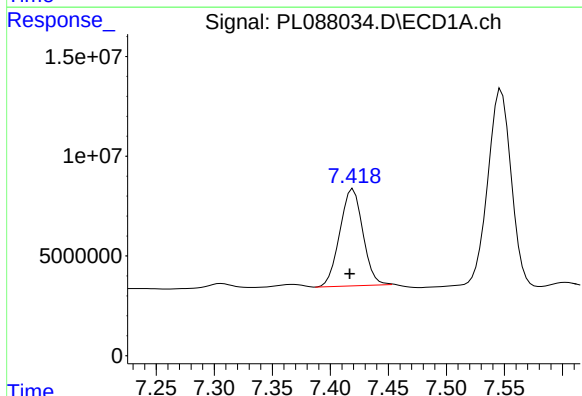
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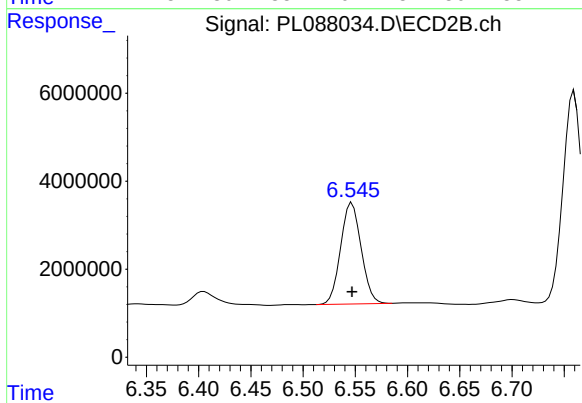
#19 Endosulfan Sulfate

R.T.: 6.253 min  
Delta R.T.: 0.000 min  
Response: 54129035  
Conc: 42.63 ng/ml



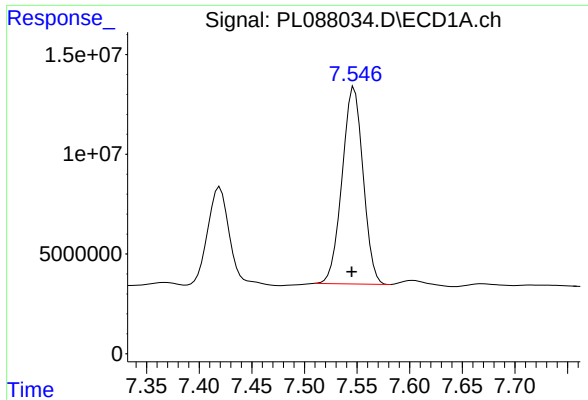
#20 Methoxychlor

R.T.: 7.418 min  
Delta R.T.: 0.001 min  
Response: 67324685  
Conc: 43.33 ng/ml m



#20 Methoxychlor

R.T.: 6.547 min  
Delta R.T.: 0.000 min  
Response: 31403367  
Conc: 44.24 ng/ml



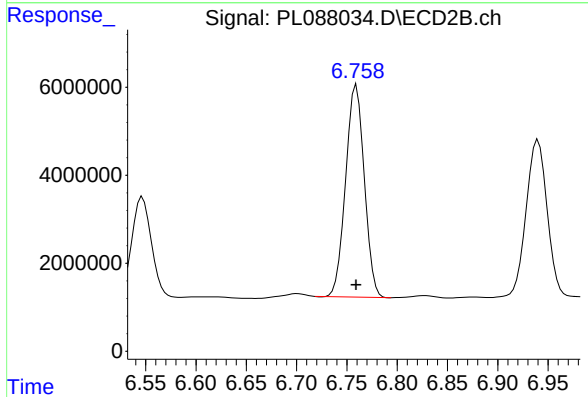
#21 Endrin ketone

R.T.: 7.547 min  
Delta R.T.: 0.002 min  
Response: 137403391  
Conc: 44.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SU-03-01252024MS

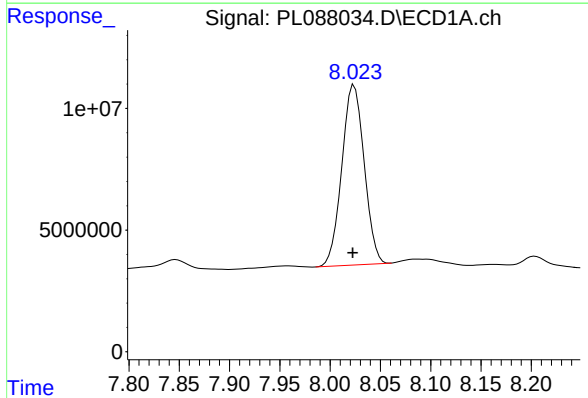
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 01/31/2024  
Supervised By :Ankita Jodhani 01/31/2024



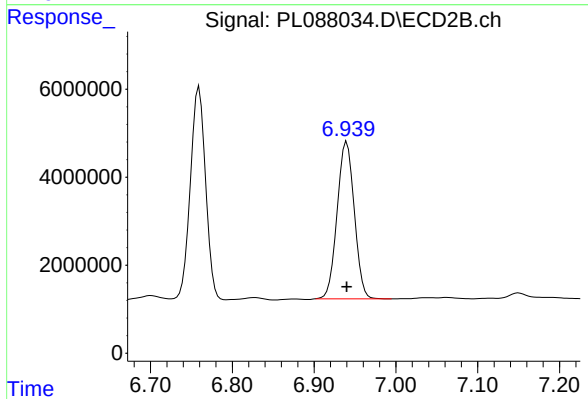
#21 Endrin ketone

R.T.: 6.760 min  
Delta R.T.: 0.000 min  
Response: 62153597  
Conc: 41.86 ng/ml



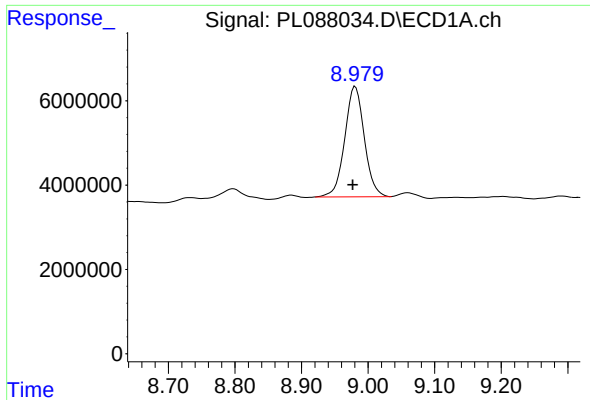
#22 Mirex

R.T.: 8.024 min  
Delta R.T.: 0.002 min  
Response: 114326951  
Conc: 42.47 ng/ml



#22 Mirex

R.T.: 6.940 min  
Delta R.T.: 0.000 min  
Response: 51939106  
Conc: 40.32 ng/ml



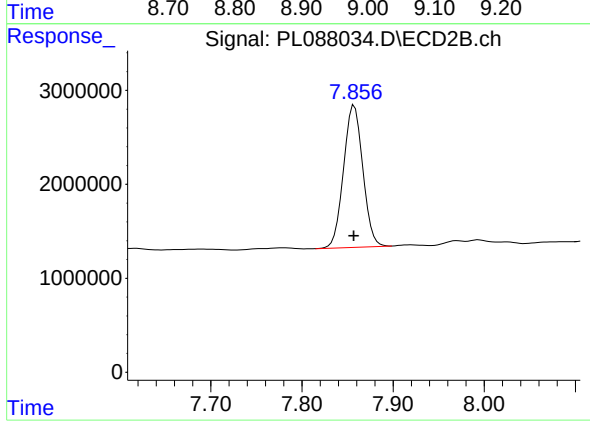
#28 Decachlorobiphenyl

R.T.: 8.981 min  
Delta R.T.: 0.004 min  
Response: 53432857  
Conc: 19.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SU-03-01252024MS

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 01/31/2024  
Supervised By :Ankita Jodhani 01/31/2024



#28 Decachlorobiphenyl

R.T.: 7.857 min  
Delta R.T.: 0.000 min  
Response: 22200355  
Conc: 18.25 ng/ml