

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072619\  
 Data File : PL050845.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 27 Jul 2019 00:13  
 Operator : SM\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 27 01:38:23 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071719.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jul 19 01:19:13 2019  
 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... | 3.318 | 3.928 | 536.7E6 | 141.5E6  | 53.417 | 49.580  |
| 28)                         | SA Decachlor... | 7.976 | 8.957 | 526.4E6 | 143.6E6  | 51.990 | 50.793  |
| Target Compounds            |                 |       |       |         |          |        |         |
| 2)                          | A alpha-BHC     | 3.745 | 4.317 | 905.6E6 | 210.9E6  | 54.040 | 51.109  |
| 3)                          | MA gamma-BHC... | 4.020 | 4.599 | 834.8E6 | 197.7E6  | 54.274 | 51.042  |
| 4)                          | MA Heptachlor   | 4.304 | 5.101 | 905.0E6 | 211.0E6  | 55.154 | 50.888  |
| 5)                          | MB Aldrin       | 4.542 | 5.403 | 856.2E6 | 192.2E6  | 55.270 | 50.995  |
| 6)                          | B beta-BHC      | 4.275 | 4.776 | 357.2E6 | 92620795 | 54.491 | 53.573  |
| 7)                          | B delta-BHC     | 4.468 | 4.989 | 904.9E6 | 196.7E6  | 55.151 | 50.865  |
| 8)                          | B Heptachlo...  | 4.978 | 5.789 | 778.8E6 | 179.7E6  | 52.715 | 46.994  |
| 9)                          | A Endosulfan I  | 5.308 | 6.145 | 733.2E6 | 171.6E6  | 50.413 | 49.898  |
| 10)                         | B gamma-Chl...  | 5.200 | 6.023 | 828.0E6 | 185.5E6  | 52.459 | 50.189  |
| 11)                         | B alpha-Chl...  | 5.256 | 6.095 | 795.8E6 | 184.0E6  | 52.164 | 50.205  |
| 12)                         | B 4,4'-DDE      | 5.423 | 6.255 | 703.2E6 | 182.8E6  | 46.921 | 50.728  |
| 13)                         | MA Dieldrin     | 5.547 | 6.401 | 801.6E6 | 178.5E6  | 51.726 | 50.400  |
| 14)                         | MA Endrin       | 5.799 | 6.618 | 758.2E6 | 160.3E6  | 51.505 | 51.681  |
| 15)                         | B Endosulfa...  | 6.074 | 6.830 | 687.3E6 | 157.2E6  | 49.111 | 49.436  |
| 16)                         | A 4,4'-DDD      | 5.933 | 6.746 | 612.3E6 | 131.9E6  | 51.097 | 49.542  |
| 17)                         | MA 4,4'-DDT     | 6.167 | 7.042 | 635.8E6 | 139.5E6  | 51.333 | 51.692  |
| 18)                         | B Endrin al...  | 6.240 | 6.953 | 570.4E6 | 131.8E6  | 49.440 | 48.501m |
| 19)                         | B Endosulfa...  | 6.452 | 7.177 | 638.0E6 | 145.2E6  | 50.080 | 50.265  |
| 20)                         | A Methoxychlor  | 6.712 | 7.503 | 321.2E6 | 78135560 | 51.478 | 53.252  |
| 21)                         | B Endrin ke...  | 6.933 | 7.645 | 638.9E6 | 147.8E6  | 46.715 | 51.106  |
| 22)                         | Mirex           | 7.107 | 8.093 | 456.8E6 | 114.3E6  | 46.587 | 49.767  |
| -----                       |                 |       |       |         |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072619\  
Data File : PL050845.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 27 Jul 2019 00:13  
Operator : SM\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

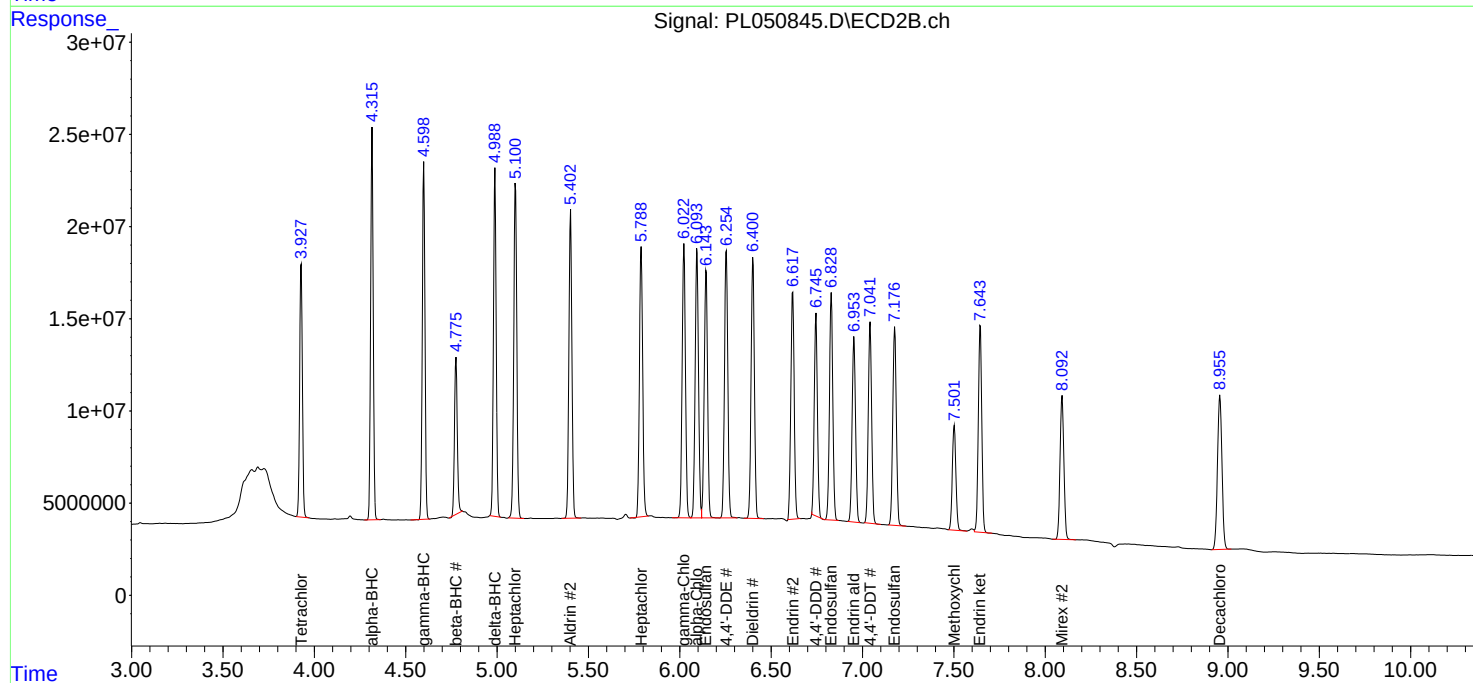
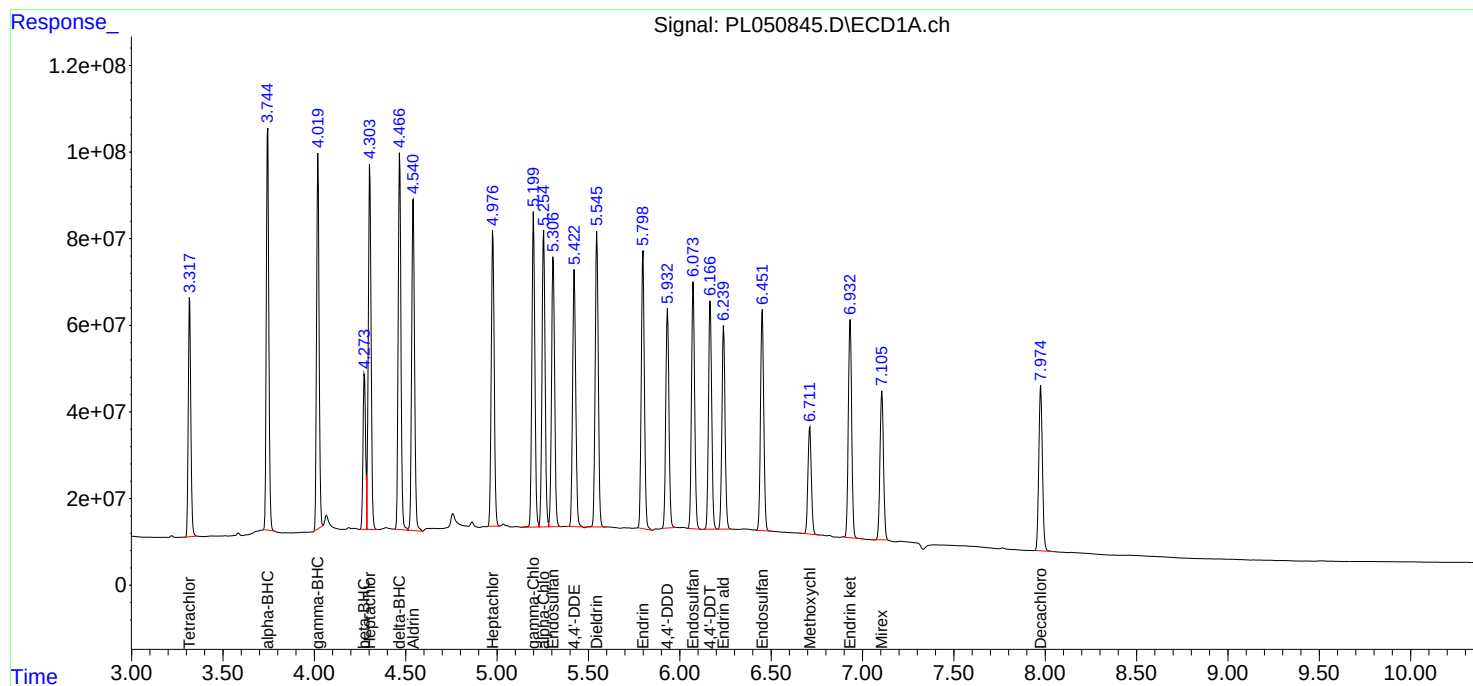
Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

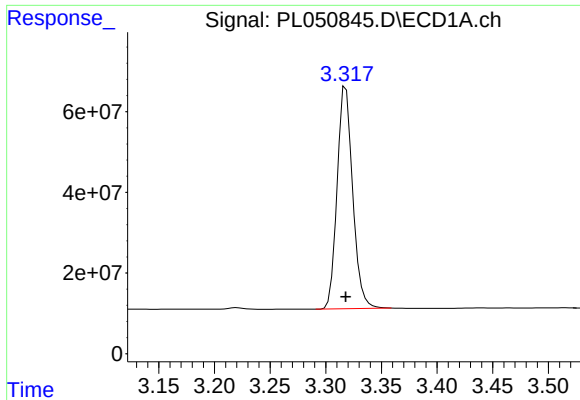
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 27 01:38:23 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071719.M  
Quant Title : GC Extractables  
QLast Update : Fri Jul 19 01:19:13 2019  
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





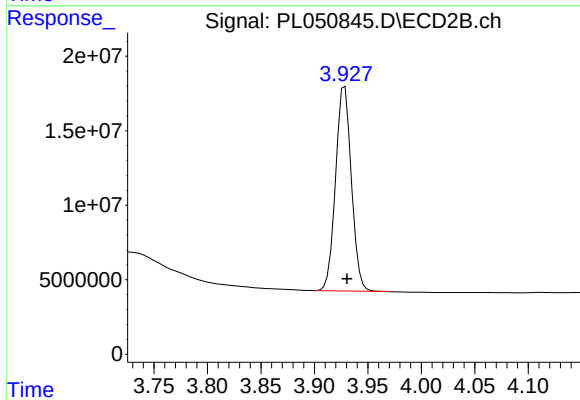
#1 Tetrachloro-m-xylene

R.T.: 3.318 min  
Delta R.T.: 0.000 min  
Response: 536728274  
Conc: 53.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

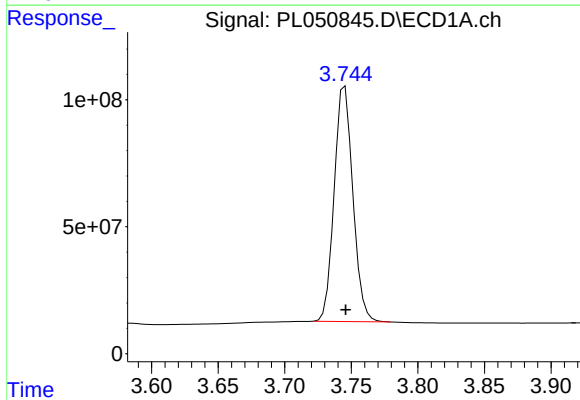
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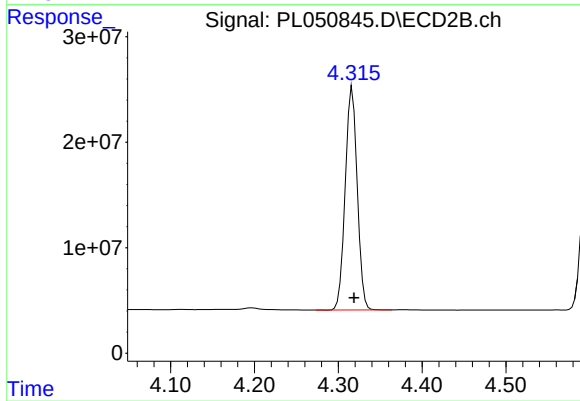
#1 Tetrachloro-m-xylene

R.T.: 3.928 min  
Delta R.T.: -0.002 min  
Response: 141460698  
Conc: 49.58 ng/ml



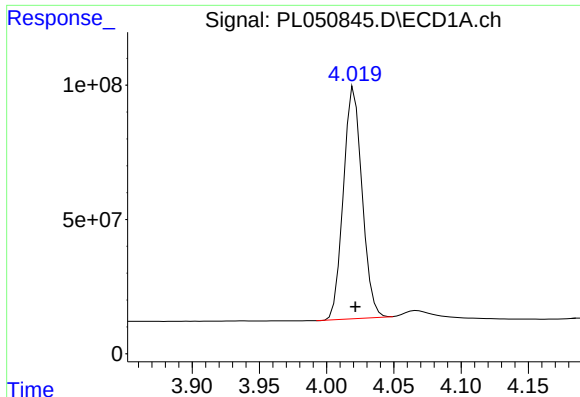
#2 alpha-BHC

R.T.: 3.745 min  
Delta R.T.: 0.000 min  
Response: 905590123  
Conc: 54.04 ng/ml



#2 alpha-BHC

R.T.: 4.317 min  
Delta R.T.: -0.002 min  
Response: 210876818  
Conc: 51.11 ng/ml



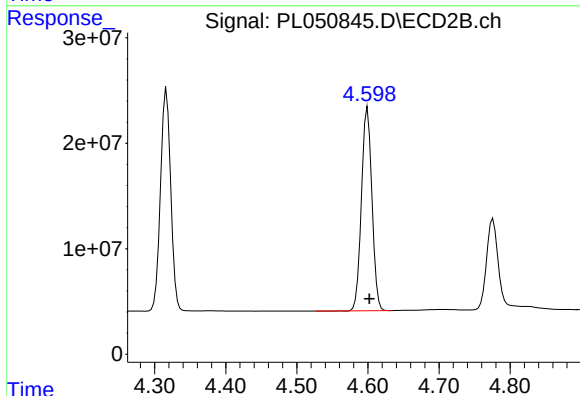
#3 gamma-BHC (Lindane)

R.T.: 4.020 min  
Delta R.T.: 0.000 min  
Response: 834819855  
Conc: 54.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

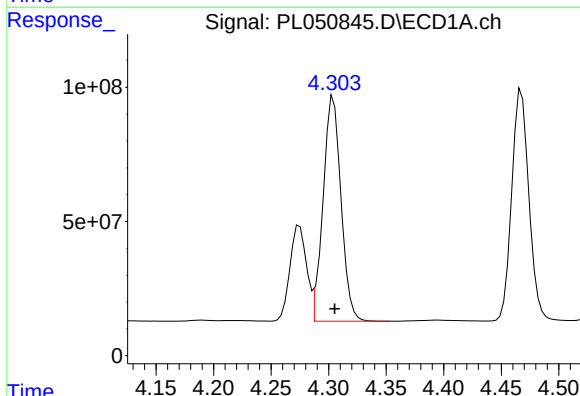
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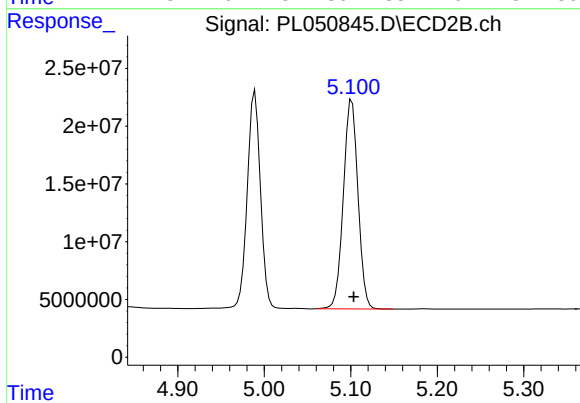
#3 gamma-BHC (Lindane)

R.T.: 4.599 min  
Delta R.T.: -0.002 min  
Response: 197694819  
Conc: 51.04 ng/ml



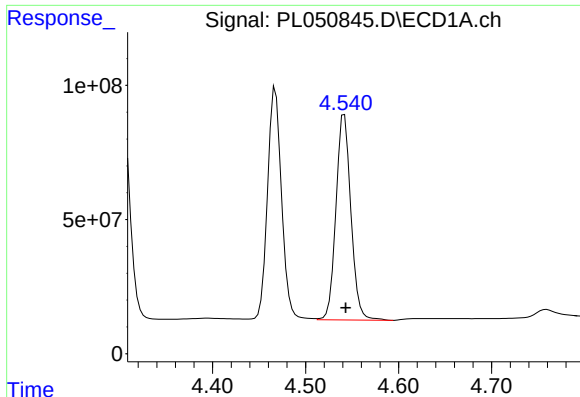
#4 Heptachlor

R.T.: 4.304 min  
Delta R.T.: 0.000 min  
Response: 904956933  
Conc: 55.15 ng/ml



#4 Heptachlor

R.T.: 5.101 min  
Delta R.T.: -0.002 min  
Response: 211016303  
Conc: 50.89 ng/ml



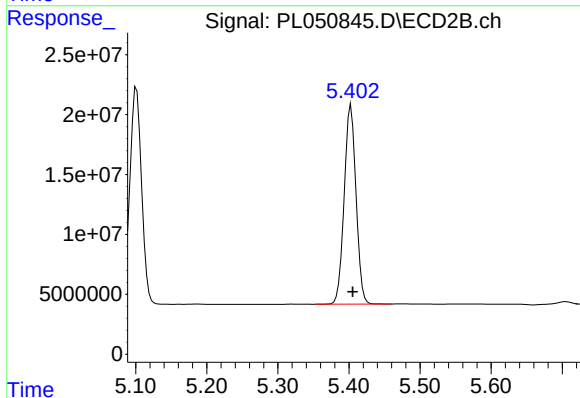
#5 Aldrin

R.T.: 4.542 min  
Delta R.T.: -0.001 min  
Response: 856222002  
Conc: 55.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

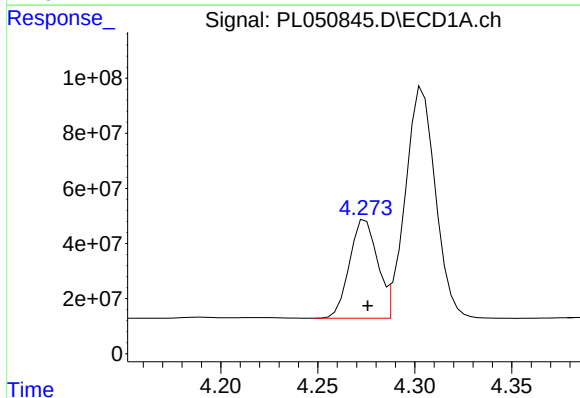
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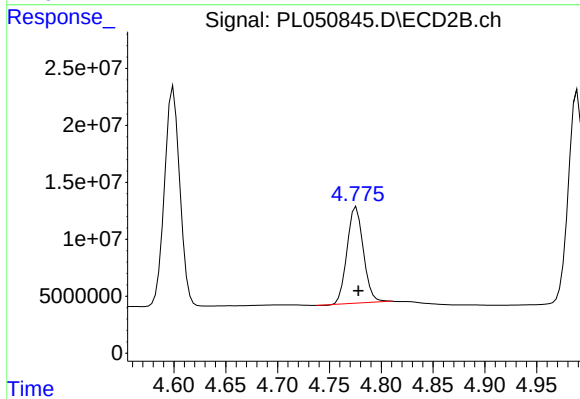
#5 Aldrin

R.T.: 5.403 min  
Delta R.T.: -0.003 min  
Response: 192166956  
Conc: 51.00 ng/ml



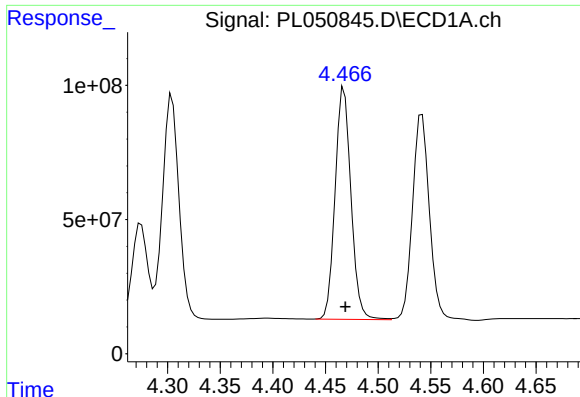
#6 beta-BHC

R.T.: 4.275 min  
Delta R.T.: -0.001 min  
Response: 357234967  
Conc: 54.49 ng/ml



#6 beta-BHC

R.T.: 4.776 min  
Delta R.T.: -0.002 min  
Response: 92620795  
Conc: 53.57 ng/ml



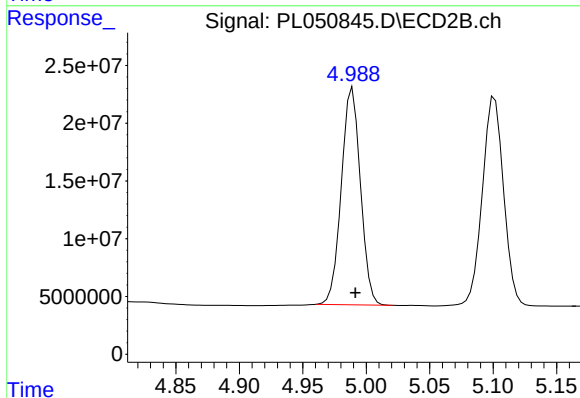
#7 delta-BHC

R.T.: 4.468 min  
Delta R.T.: -0.001 min  
Response: 904949521  
Conc: 55.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

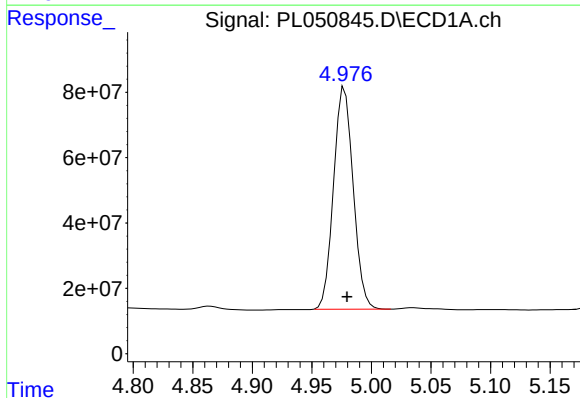
Manual Integrations  
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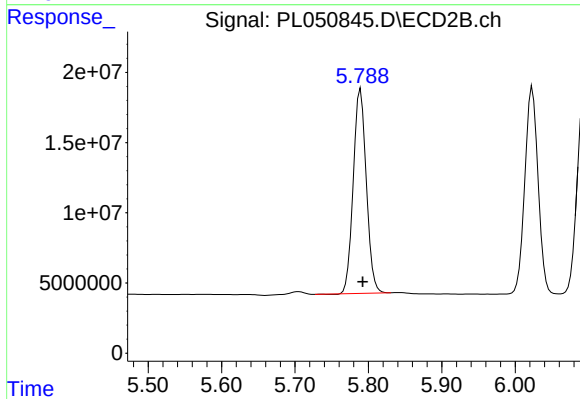
#7 delta-BHC

R.T.: 4.989 min  
Delta R.T.: -0.002 min  
Response: 196725598  
Conc: 50.86 ng/ml



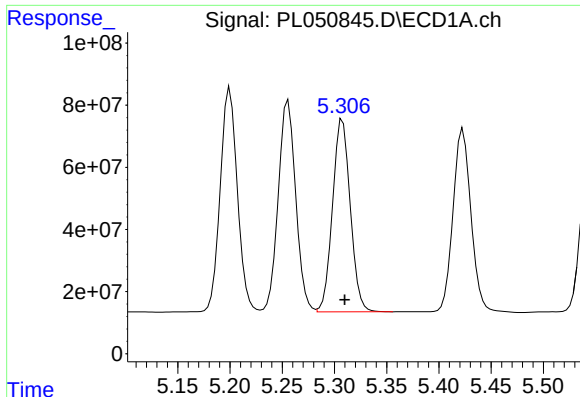
#8 Heptachlor epoxide

R.T.: 4.978 min  
Delta R.T.: -0.002 min  
Response: 778794720  
Conc: 52.72 ng/ml



#8 Heptachlor epoxide

R.T.: 5.789 min  
Delta R.T.: -0.003 min  
Response: 179742896  
Conc: 46.99 ng/ml



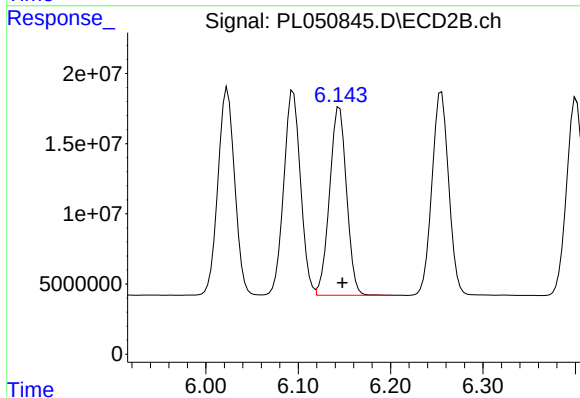
#9 Endosulfan I

R.T.: 5.308 min  
Delta R.T.: -0.002 min  
Response: 733195506  
Conc: 50.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

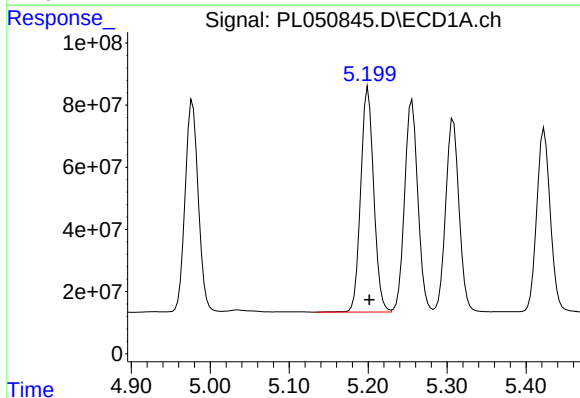
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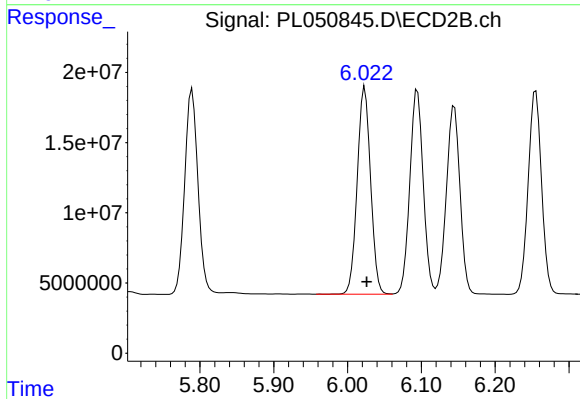
#9 Endosulfan I

R.T.: 6.145 min  
Delta R.T.: -0.003 min  
Response: 171592388  
Conc: 49.90 ng/ml



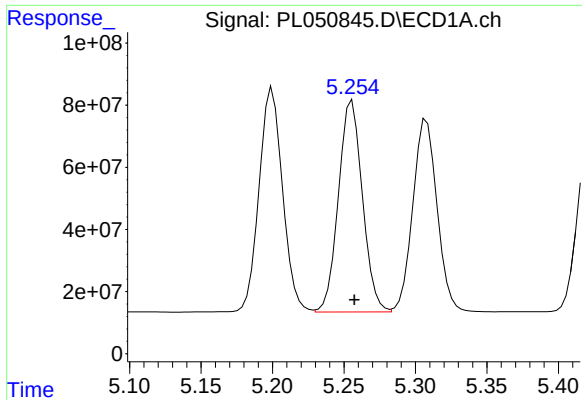
#10 gamma-Chlordane

R.T.: 5.200 min  
Delta R.T.: -0.002 min  
Response: 827968160  
Conc: 52.46 ng/ml



#10 gamma-Chlordane

R.T.: 6.023 min  
Delta R.T.: -0.003 min  
Response: 185463822  
Conc: 50.19 ng/ml



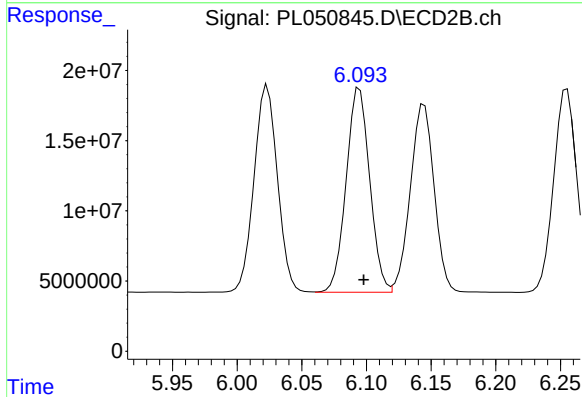
#11 alpha-Chlordane

R.T.: 5.256 min  
Delta R.T.: -0.002 min  
Response: 795821357  
Conc: 52.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

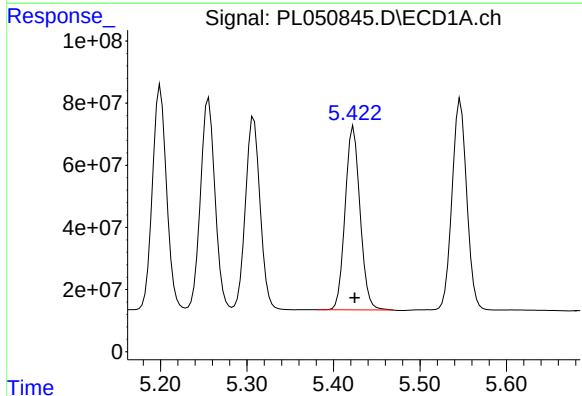
Manual Integrations  
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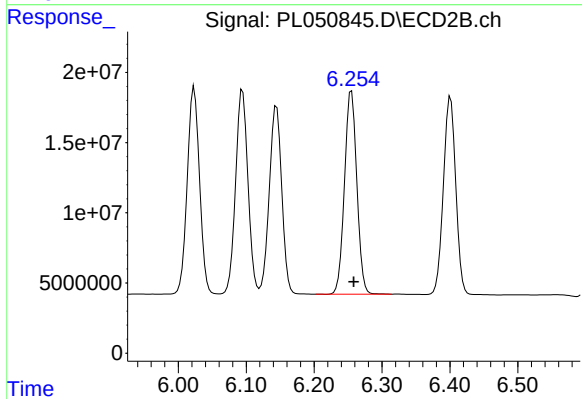
#11 alpha-Chlordane

R.T.: 6.095 min  
Delta R.T.: -0.003 min  
Response: 184010655  
Conc: 50.21 ng/ml



#12 4,4'-DDE

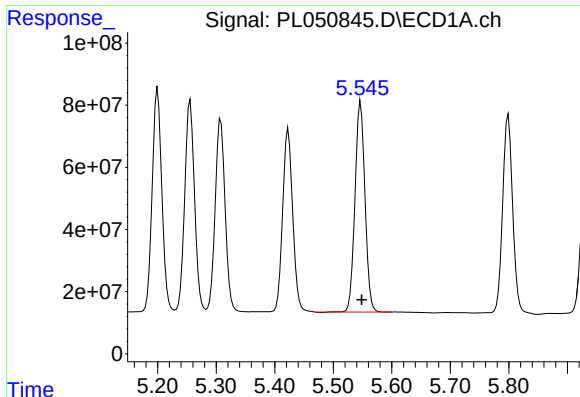
R.T.: 5.423 min  
Delta R.T.: -0.002 min  
Response: 703154787  
Conc: 46.92 ng/ml



#12 4,4'-DDE

R.T.: 6.255 min  
Delta R.T.: -0.003 min  
Response: 182792075  
Conc: 50.73 ng/ml





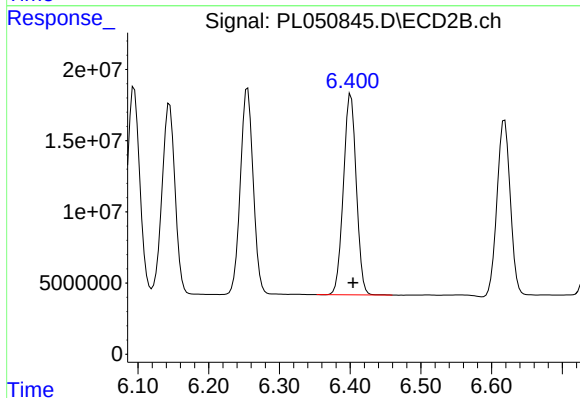
#13 Dieldrin

R.T.: 5.547 min  
Delta R.T.: -0.002 min  
Response: 801586373  
Conc: 51.73 ng/ml

Instrument :  
ECD\_L  
ClientSampled :  
PSTDCCC050

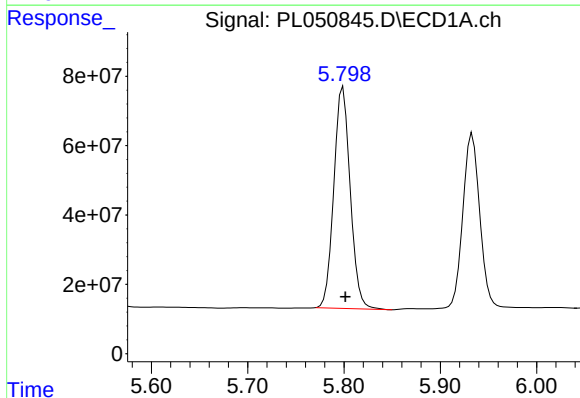
Manual Integrations  
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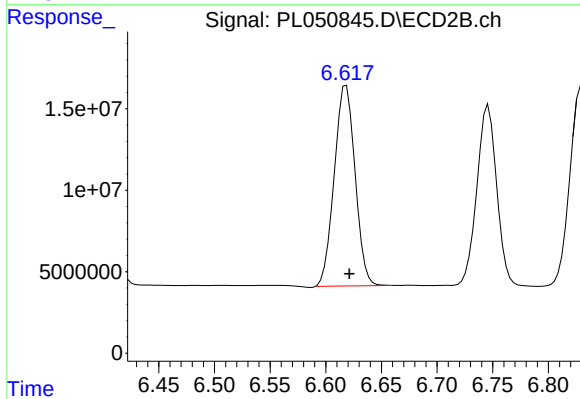
#13 Dieldrin

R.T.: 6.401 min  
Delta R.T.: -0.003 min  
Response: 178473032  
Conc: 50.40 ng/ml



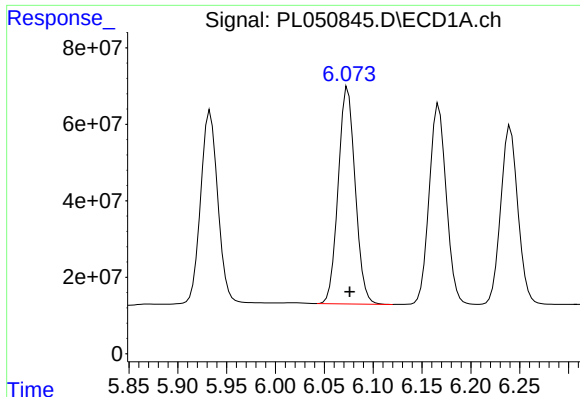
#14 Endrin

R.T.: 5.799 min  
Delta R.T.: -0.002 min  
Response: 758181462  
Conc: 51.51 ng/ml



#14 Endrin

R.T.: 6.618 min  
Delta R.T.: -0.003 min  
Response: 160283873  
Conc: 51.68 ng/ml



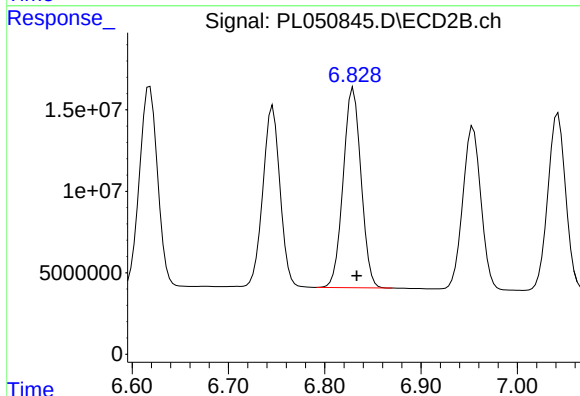
#15 Endosulfan II

R.T.: 6.074 min  
Delta R.T.: -0.002 min  
Response: 687310109  
Conc: 49.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

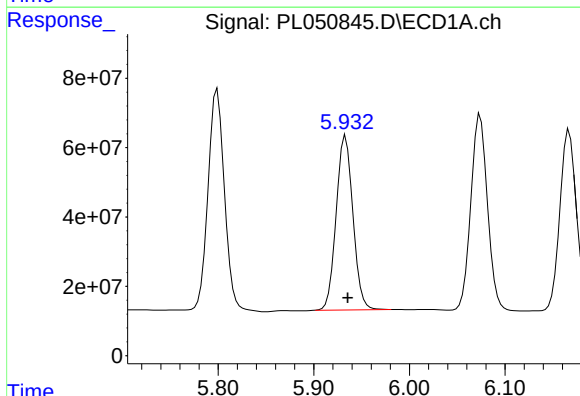
Manual Integrations  
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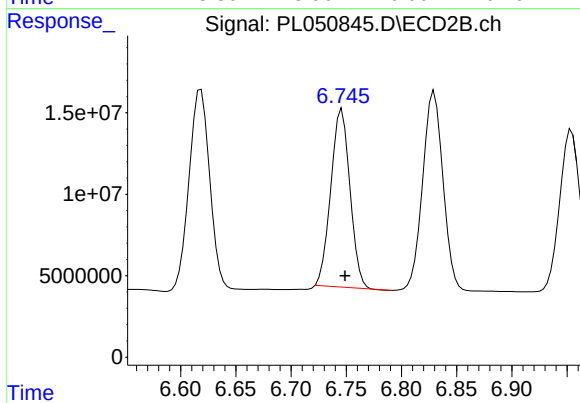
#15 Endosulfan II

R.T.: 6.830 min  
Delta R.T.: -0.003 min  
Response: 157167560  
Conc: 49.44 ng/ml



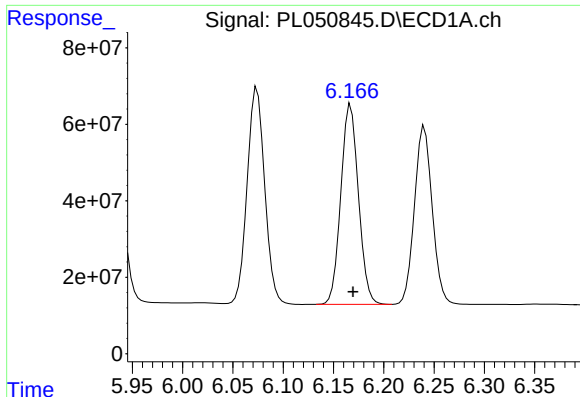
#16 4,4'-DDD

R.T.: 5.933 min  
Delta R.T.: -0.002 min  
Response: 612342509  
Conc: 51.10 ng/ml



#16 4,4'-DDD

R.T.: 6.746 min  
Delta R.T.: -0.003 min  
Response: 131924730  
Conc: 49.54 ng/ml



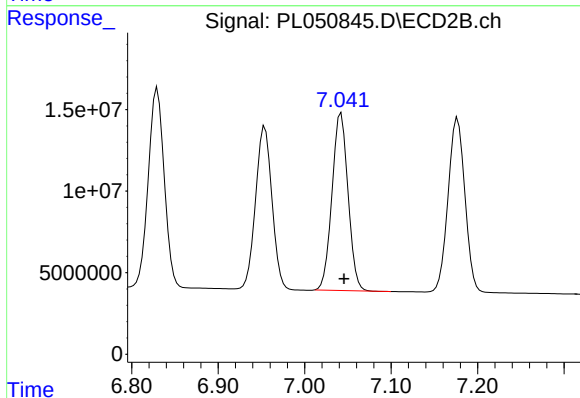
#17 4,4'-DDT

R.T.: 6.167 min  
Delta R.T.: -0.002 min  
Response: 635797431  
Conc: 51.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

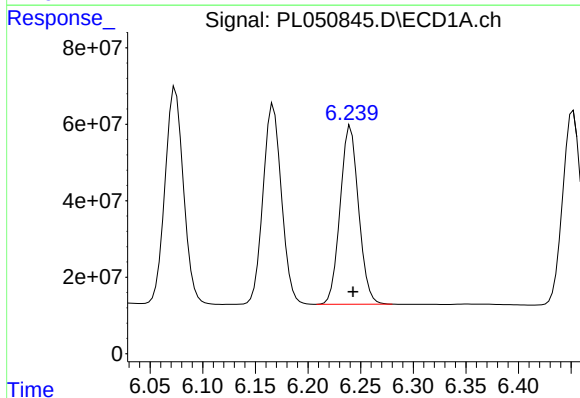
Manual Integrations  
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Ankita  
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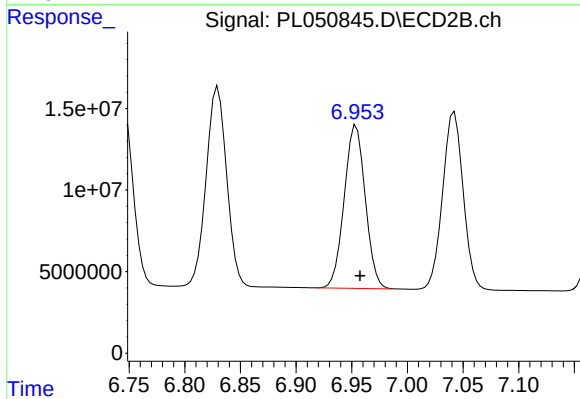
#17 4,4'-DDT

R.T.: 7.042 min  
Delta R.T.: -0.003 min  
Response: 139547139  
Conc: 51.69 ng/ml



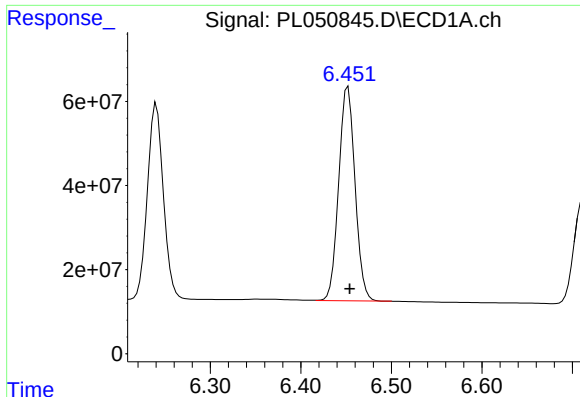
#18 Endrin aldehyde

R.T.: 6.240 min  
Delta R.T.: -0.002 min  
Response: 570360303  
Conc: 49.44 ng/ml



#18 Endrin aldehyde

R.T.: 6.953 min  
Delta R.T.: -0.005 min  
Response: 131808137  
Conc: 48.50 ng/ml m



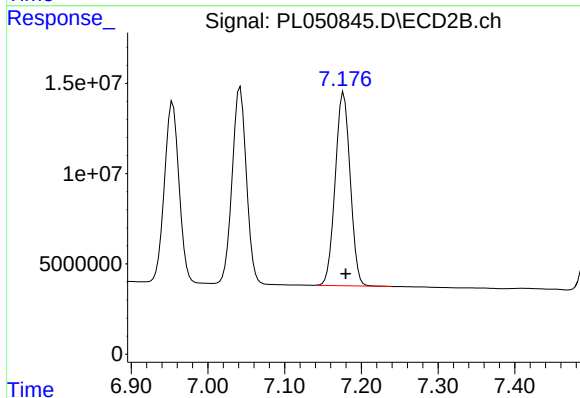
#19 Endosulfan Sulfate

R.T.: 6.452 min  
Delta R.T.: -0.002 min  
Response: 638002335  
Conc: 50.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

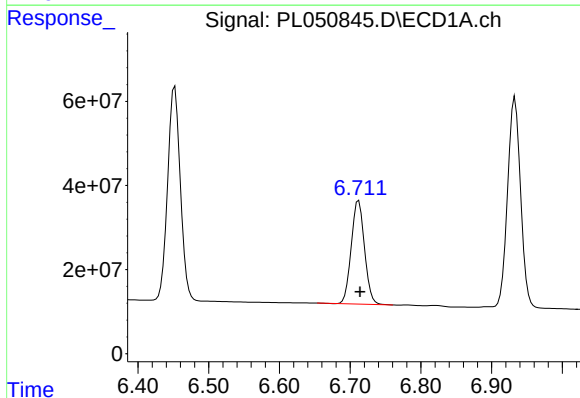
Manual Integrations  
APPROVED

Ankita  
7/27/2019 9:07:04 AM



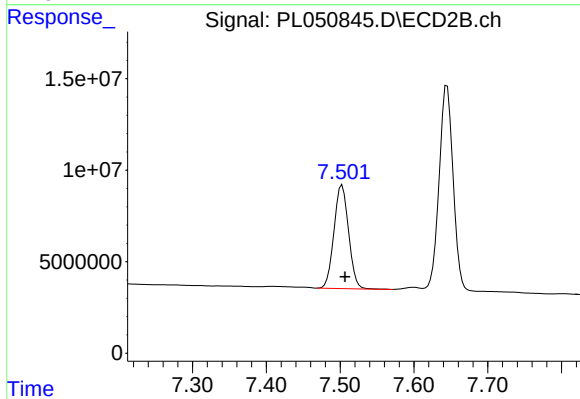
#19 Endosulfan Sulfate

R.T.: 7.177 min  
Delta R.T.: -0.003 min  
Response: 145178631  
Conc: 50.27 ng/ml



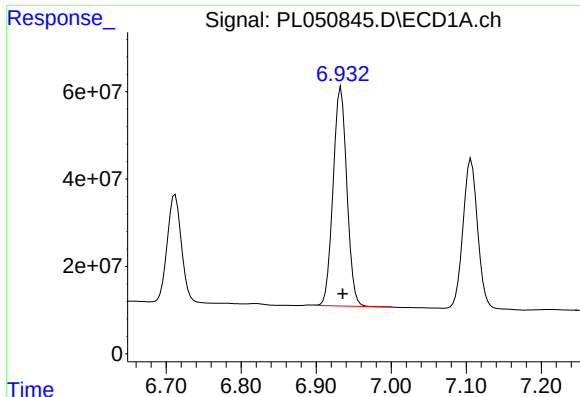
#20 Methoxychlor

R.T.: 6.712 min  
Delta R.T.: -0.002 min  
Response: 321170850  
Conc: 51.48 ng/ml



#20 Methoxychlor

R.T.: 7.503 min  
Delta R.T.: -0.004 min  
Response: 78135560  
Conc: 53.25 ng/ml



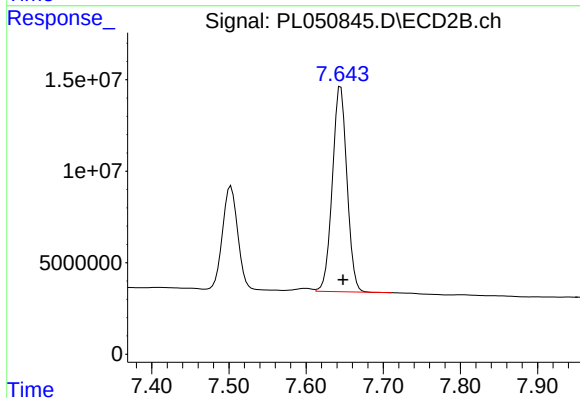
#21 Endrin ketone

R.T.: 6.933 min  
Delta R.T.: -0.003 min  
Response: 638935676  
Conc: 46.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

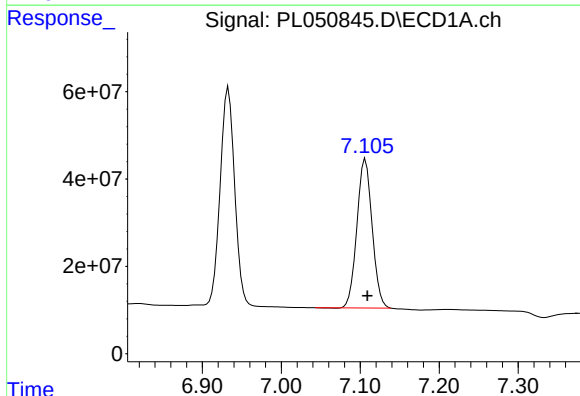
Manual Integrations  
APPROVED

Ankita  
7/27/2019 9:07:04 AM



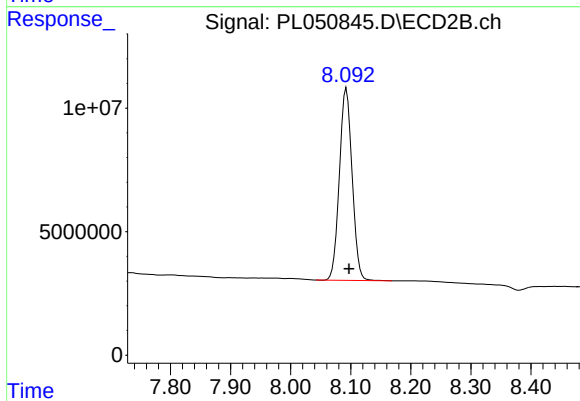
#21 Endrin ketone

R.T.: 7.645 min  
Delta R.T.: -0.003 min  
Response: 147761207  
Conc: 51.11 ng/ml



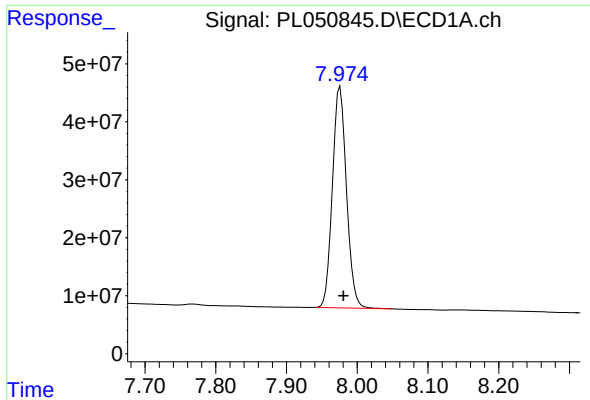
#22 Mirex

R.T.: 7.107 min  
Delta R.T.: -0.002 min  
Response: 456757096  
Conc: 46.59 ng/ml



#22 Mirex

R.T.: 8.093 min  
Delta R.T.: -0.004 min  
Response: 114314827  
Conc: 49.77 ng/ml



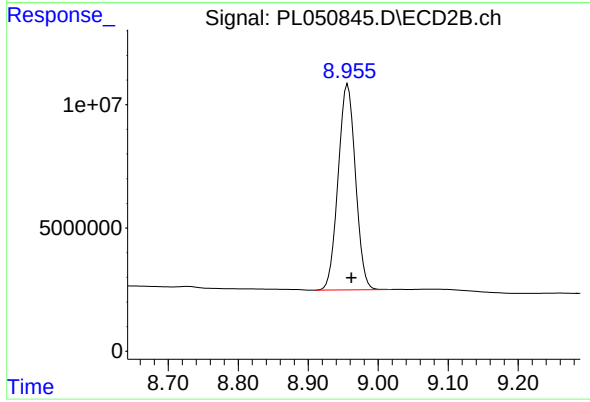
#28 Decachlorobiphenyl

R.T.: 7.976 min  
Delta R.T.: -0.005 min  
Response: 526416136  
Conc: 51.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
APPROVED

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#28 Decachlorobiphenyl

R.T.: 8.957 min  
Delta R.T.: -0.005 min  
Response: 143637391  
Conc: 50.79 ng/ml