

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL022619\  
 Data File : PL045127.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 26 Feb 2019 17:15  
 Operator : AJ\SJ  
 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: Feb 27 09:44:50 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL020619.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Feb 07 01:39:50 2019  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1  | Resp#2   | ng/ml  | ng/ml   |
|-----------------------------|-----------------|-------|-------|---------|----------|--------|---------|
| -----                       |                 |       |       |         |          |        |         |
| System Monitoring Compounds |                 |       |       |         |          |        |         |
| 1)                          | SA Tetrachlo... | 3.365 | 3.983 | 347.6E6 | 107.8E6  | 48.843 | 45.868  |
| 2)                          | SA Decachlor... | 8.048 | 9.039 | 332.1E6 | 91200351 | 45.534 | 41.177  |
| Target Compounds            |                 |       |       |         |          |        |         |
| 2)                          | A alpha-BHC     | 3.794 | 4.373 | 568.6E6 | 145.1E6  | 53.235 | 47.620  |
| 3)                          | MA gamma-BHC... | 4.072 | 4.656 | 488.7E6 | 138.3E6  | 49.669 | 47.732m |
| 4)                          | MA Heptachlor   | 4.360 | 5.165 | 502.9E6 | 141.9E6  | 48.821 | 46.578  |
| 5)                          | MB Aldrin       | 4.601 | 5.469 | 465.4E6 | 127.2E6  | 48.349 | 45.902  |
| 6)                          | B beta-BHC      | 4.325 | 4.829 | 202.8E6 | 59912986 | 48.005 | 45.217  |
| 7)                          | B delta-BHC     | 4.521 | 5.045 | 402.7E6 | 92319913 | 50.030 | 50.488  |
| 8)                          | B Heptachlo...  | 5.038 | 5.855 | 432.0E6 | 109.8E6  | 46.429 | 43.928  |
| 9)                          | A Endosulfan I  | 5.371 | 6.211 | 400.9E6 | 112.0E6  | 45.942 | 44.268  |
| 10)                         | B gamma-Chl...  | 5.262 | 6.089 | 442.6E6 | 123.0E6  | 45.862 | 44.324  |
| 11)                         | B alpha-Chl...  | 5.318 | 6.161 | 434.4E6 | 122.4E6  | 45.436 | 44.170  |
| 12)                         | B 4,4'-DDE      | 5.485 | 6.319 | 398.4E6 | 107.9E6  | 45.941 | 45.210  |
| 13)                         | MA Dieldrin     | 5.610 | 6.468 | 432.7E6 | 116.6E6  | 46.104 | 45.190  |
| 14)                         | MA Endrin       | 5.864 | 6.686 | 392.5E6 | 98348891 | 44.809 | 43.770  |
| 15)                         | B Endosulfa...  | 6.138 | 6.895 | 379.5E6 | 103.1E6  | 44.884 | 44.747  |
| 16)                         | A 4,4'-DDD      | 5.996 | 6.809 | 350.6E6 | 92053709 | 48.459 | 47.941  |
| 17)                         | MA 4,4'-DDT     | 6.232 | 7.107 | 294.9E6 | 78763588 | 41.117 | 40.148  |
| 18)                         | B Endrin al...  | 6.305 | 7.019 | 313.0E6 | 87651047 | 44.650 | 43.201  |
| 19)                         | B Endosulfa...  | 6.517 | 7.242 | 328.2E6 | 91021546 | 45.162 | 43.139  |
| 20)                         | A Methoxychlor  | 6.777 | 7.563 | 165.7E6 | 48067045 | 41.290 | 40.233m |
| 21)                         | B Endrin ke...  | 7.000 | 7.711 | 394.2E6 | 103.8E6  | 47.377 | 45.747  |
| -----                       |                 |       |       |         |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL022619\  
Data File : PL045127.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 26 Feb 2019 17:15  
Operator : AJ\SJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

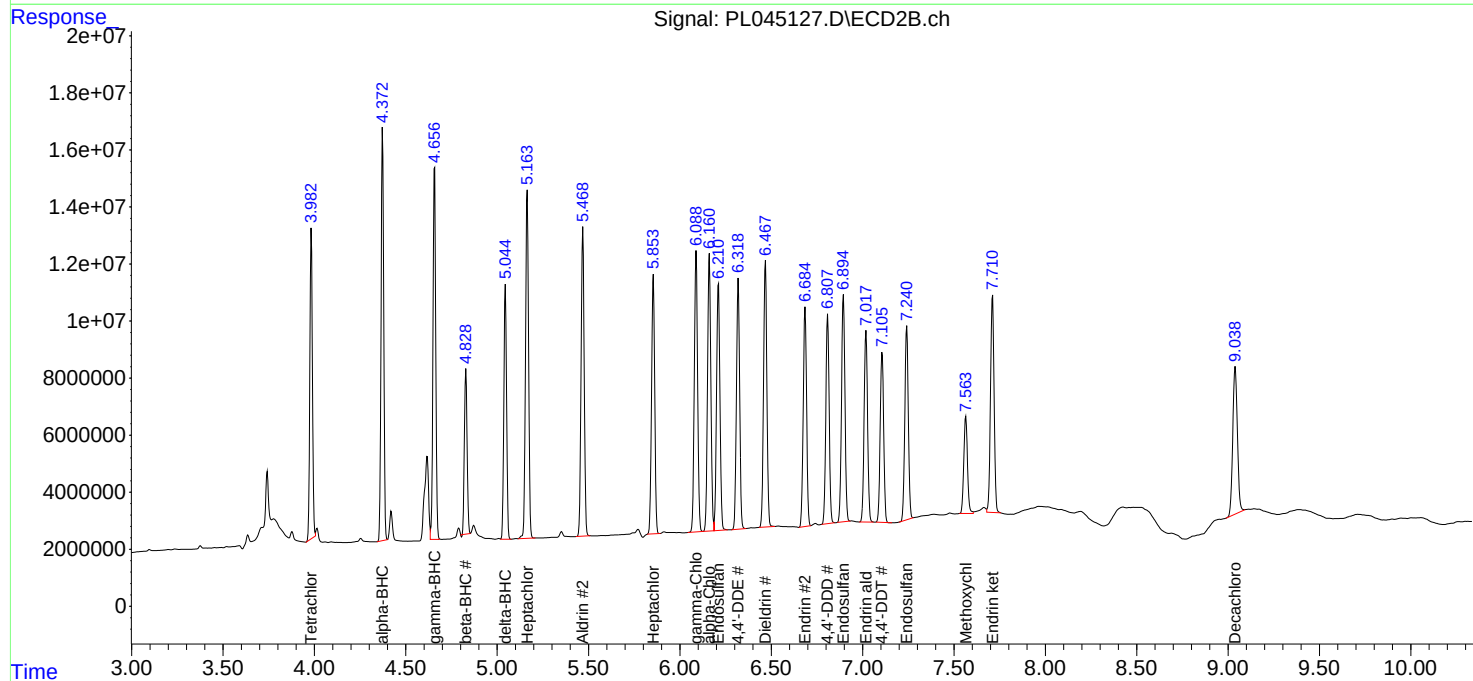
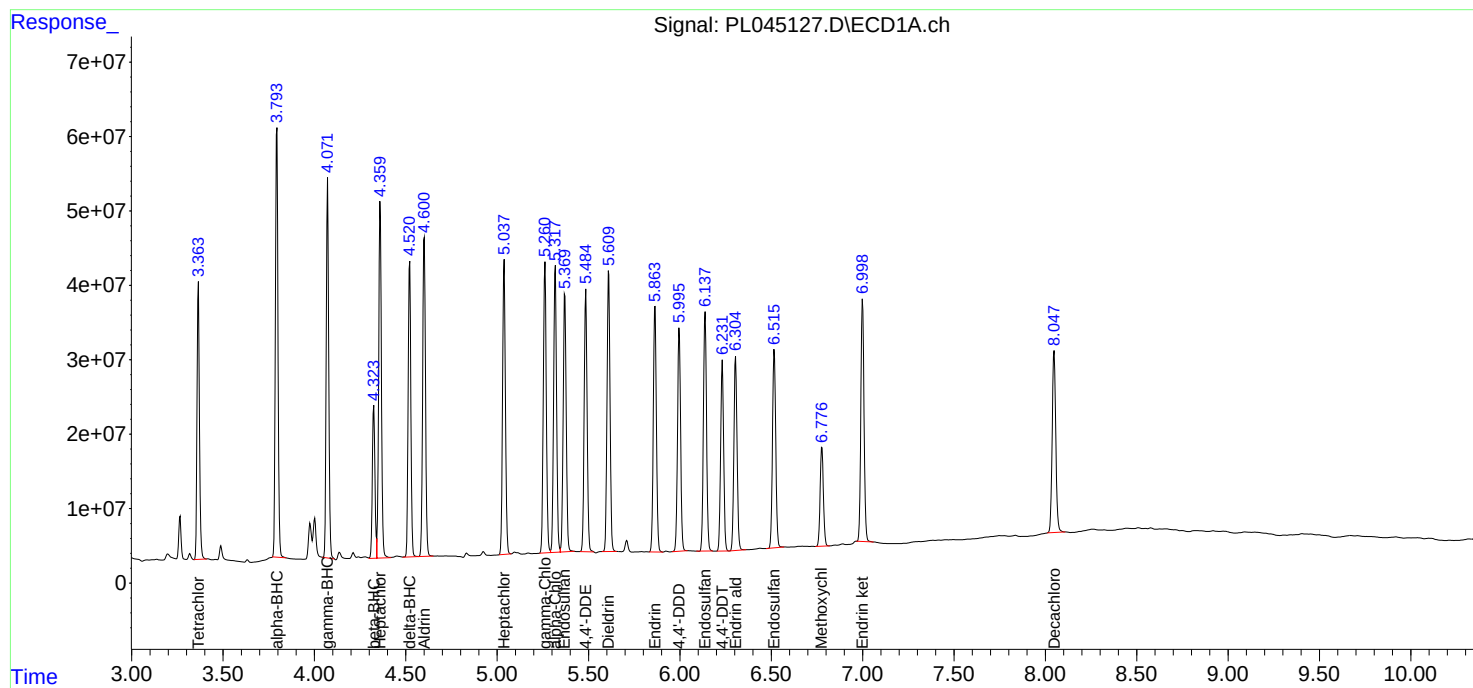
Instrument :  
ECD\_L  
ClientSampled :  
PSTDCCC050

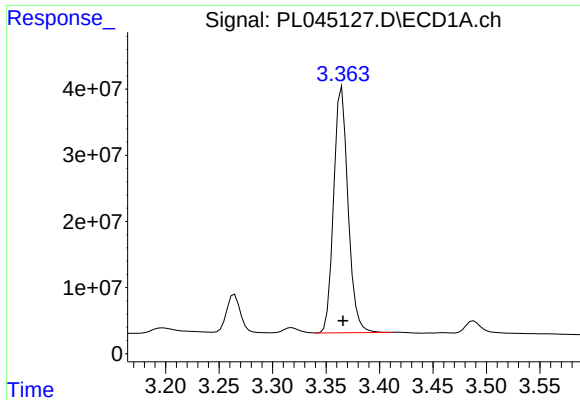
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 27 09:44:50 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL020619.M  
Quant Title : GC Extractables  
QLast Update : Thu Feb 07 01:39:50 2019  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





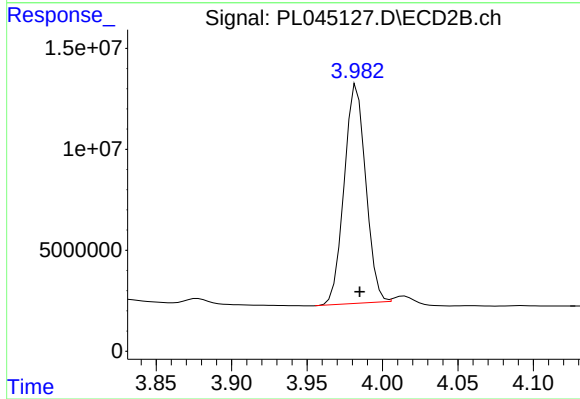
#1 Tetrachloro-m-xylene

R.T.: 3.365 min  
Delta R.T.: -0.001 min  
Response: 347559886  
Conc: 48.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

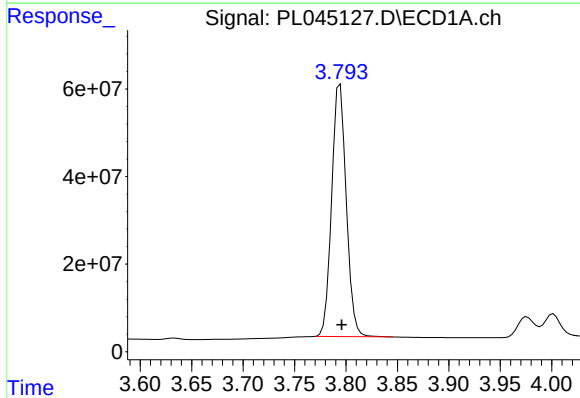
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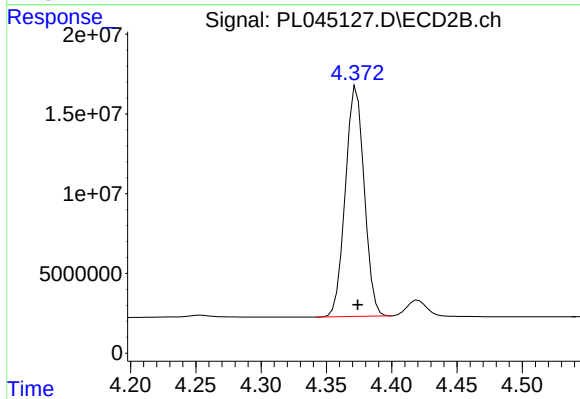
#1 Tetrachloro-m-xylene

R.T.: 3.983 min  
Delta R.T.: -0.002 min  
Response: 107753438  
Conc: 45.87 ng/ml



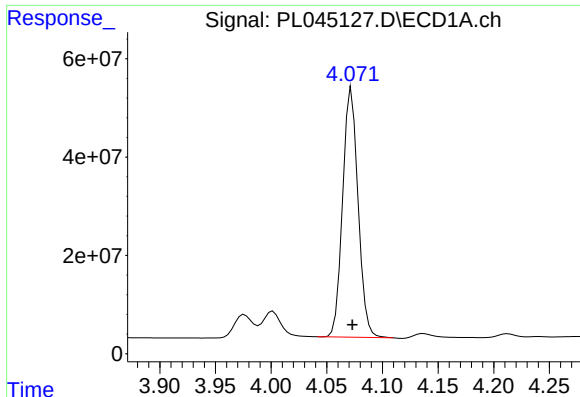
#2 alpha-BHC

R.T.: 3.794 min  
Delta R.T.: -0.002 min  
Response: 568562825  
Conc: 53.24 ng/ml



#2 alpha-BHC

R.T.: 4.373 min  
Delta R.T.: 0.000 min  
Response: 145056846  
Conc: 47.62 ng/ml



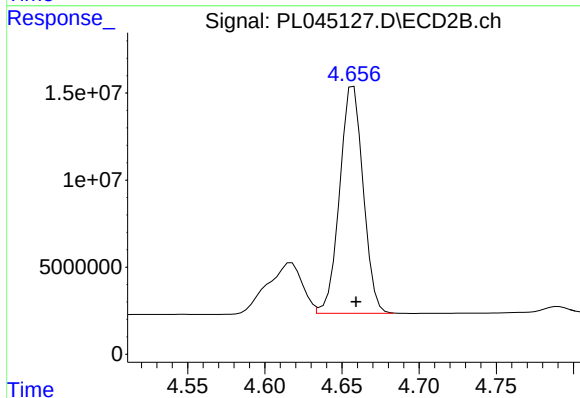
#3 gamma-BHC (Lindane)

R.T.: 4.072 min  
Delta R.T.: 0.000 min  
Response: 488672404  
Conc: 49.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

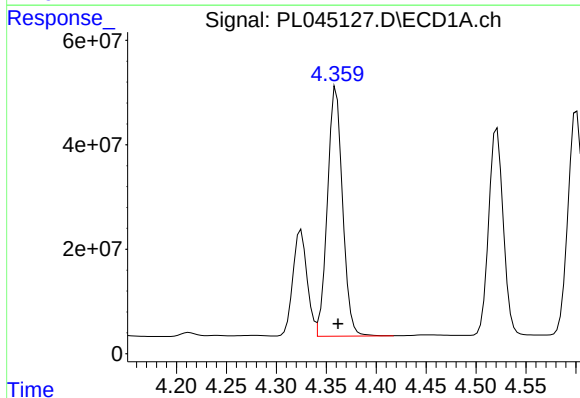
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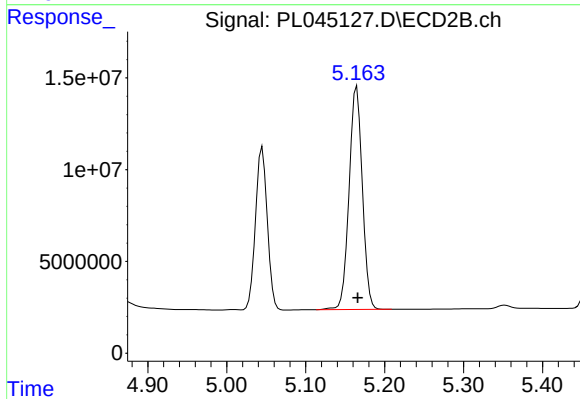
#3 gamma-BHC (Lindane)

R.T.: 4.656 min  
Delta R.T.: -0.003 min  
Response: 138285701  
Conc: 47.73 ng/ml m



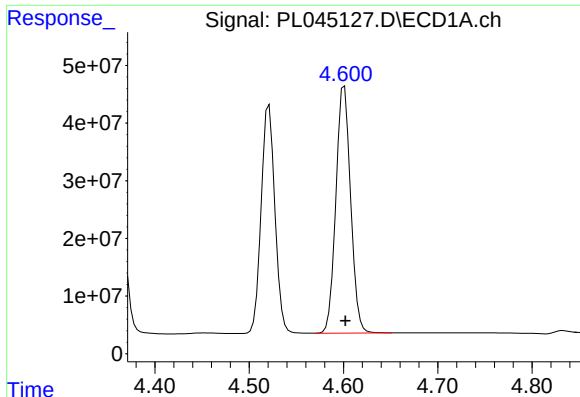
#4 Heptachlor

R.T.: 4.360 min  
Delta R.T.: -0.002 min  
Response: 502936485  
Conc: 48.82 ng/ml



#4 Heptachlor

R.T.: 5.165 min  
Delta R.T.: -0.001 min  
Response: 141879937  
Conc: 46.58 ng/ml



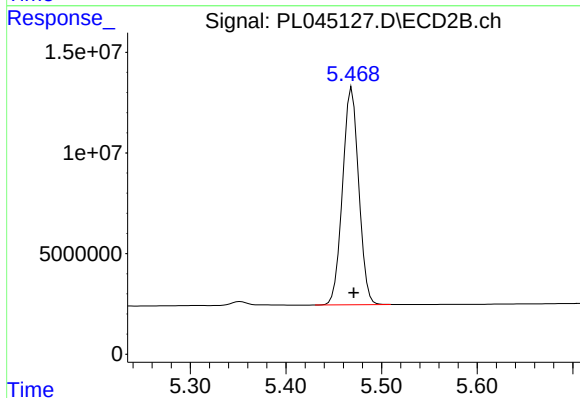
#5 Aldrin

R.T.: 4.601 min  
Delta R.T.: -0.001 min  
Response: 465391158  
Conc: 48.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

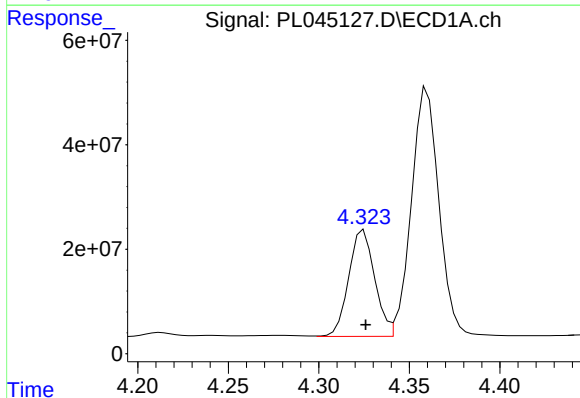
Manual Integrations  
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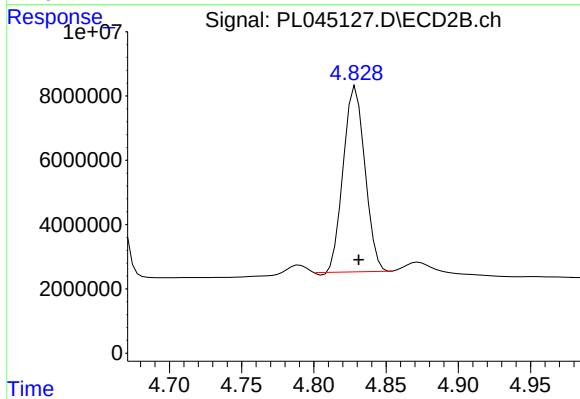
#5 Aldrin

R.T.: 5.469 min  
Delta R.T.: -0.002 min  
Response: 127196743  
Conc: 45.90 ng/ml



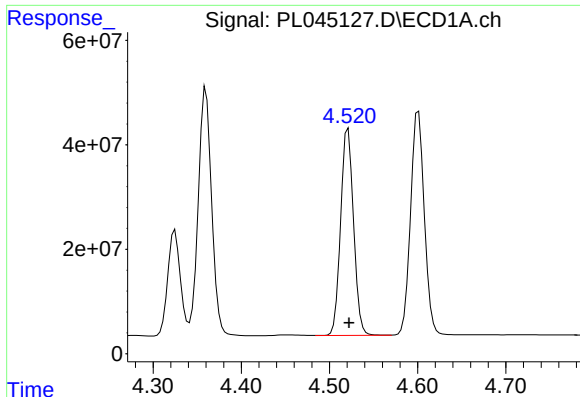
#6 beta-BHC

R.T.: 4.325 min  
Delta R.T.: -0.001 min  
Response: 202845348  
Conc: 48.00 ng/ml



#6 beta-BHC

R.T.: 4.829 min  
Delta R.T.: -0.002 min  
Response: 59912986  
Conc: 45.22 ng/ml



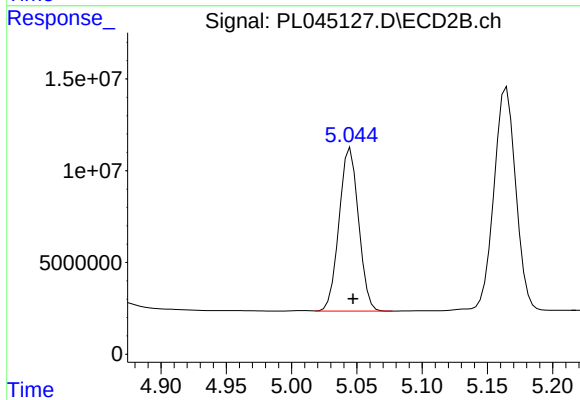
#7 delta-BHC

R.T.: 4.521 min  
Delta R.T.: 0.000 min  
Response: 402746273  
Conc: 50.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

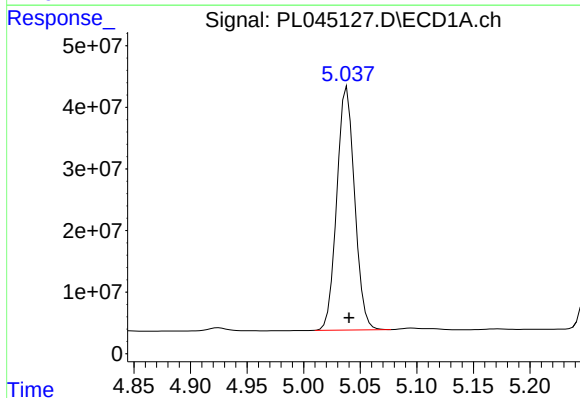
Manual Integrations  
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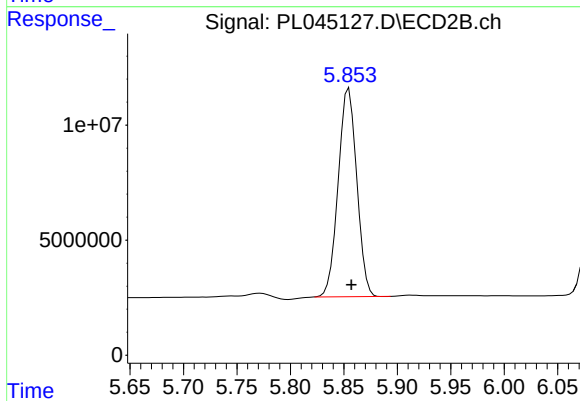
#7 delta-BHC

R.T.: 5.045 min  
Delta R.T.: -0.002 min  
Response: 92319913  
Conc: 50.49 ng/ml



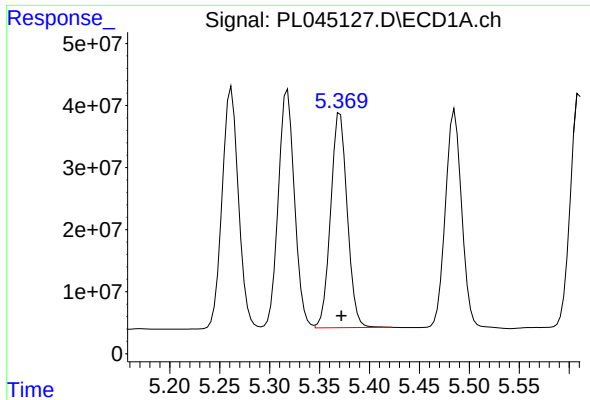
#8 Heptachlor epoxide

R.T.: 5.038 min  
Delta R.T.: -0.002 min  
Response: 432018992  
Conc: 46.43 ng/ml



#8 Heptachlor epoxide

R.T.: 5.855 min  
Delta R.T.: -0.002 min  
Response: 109844685  
Conc: 43.93 ng/ml



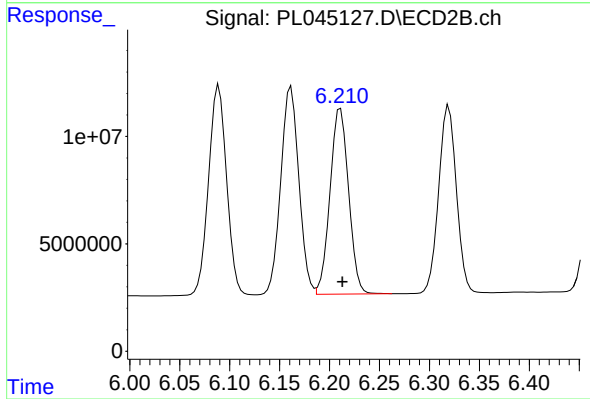
#9 Endosulfan I

R.T.: 5.371 min  
Delta R.T.: -0.001 min  
Response: 400936588  
Conc: 45.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

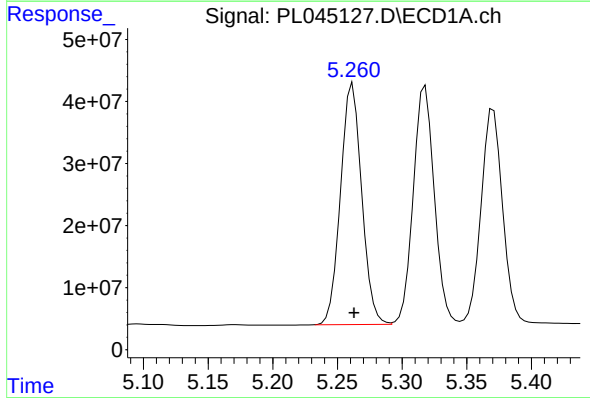
Manual Integrations  
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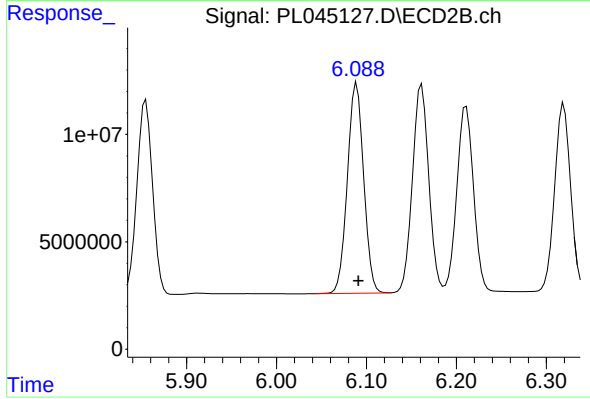
#9 Endosulfan I

R.T.: 6.211 min  
Delta R.T.: -0.002 min  
Response: 111990801  
Conc: 44.27 ng/ml



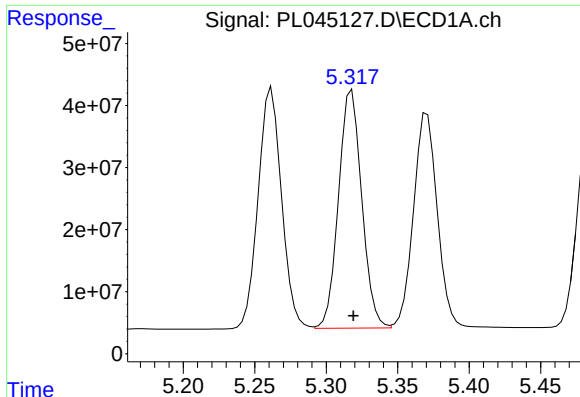
#10 gamma-Chlordane

R.T.: 5.262 min  
Delta R.T.: -0.001 min  
Response: 442615137  
Conc: 45.86 ng/ml



#10 gamma-Chlordane

R.T.: 6.089 min  
Delta R.T.: -0.002 min  
Response: 123048106  
Conc: 44.32 ng/ml



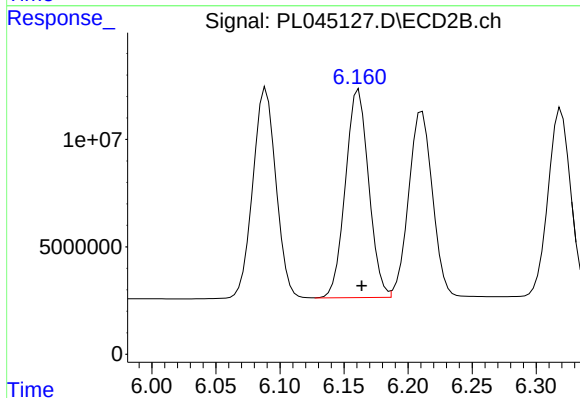
#11 alpha-Chlordane

R.T.: 5.318 min  
Delta R.T.: -0.001 min  
Response: 434427302  
Conc: 45.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

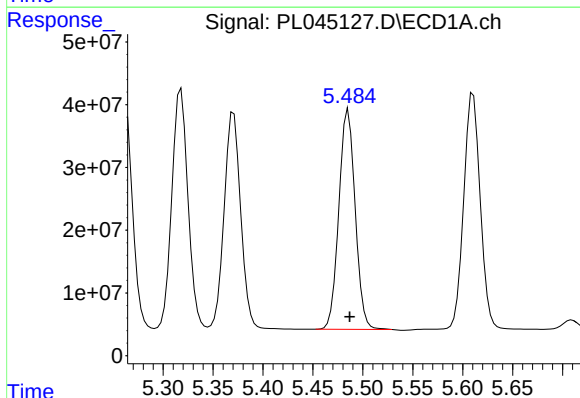
Manual Integrations  
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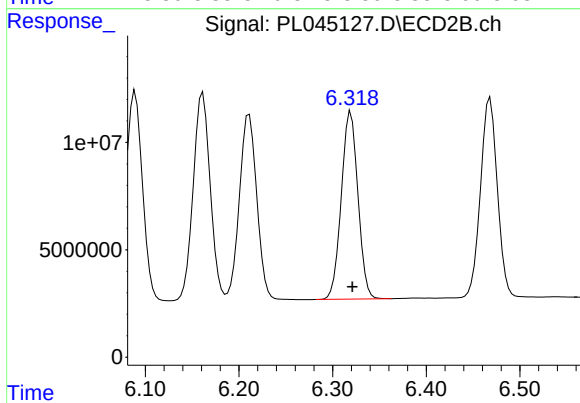
#11 alpha-Chlordane

R.T.: 6.161 min  
Delta R.T.: -0.003 min  
Response: 122386744  
Conc: 44.17 ng/ml



#12 4,4'-DDE

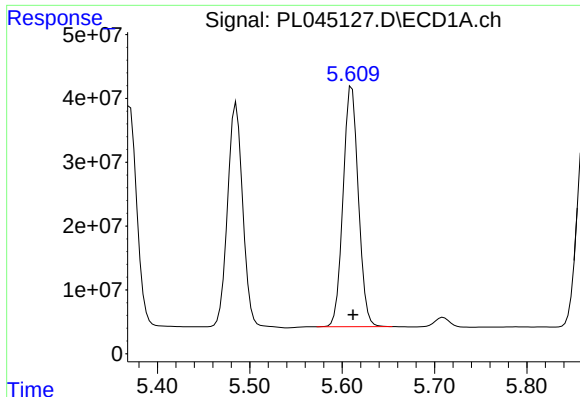
R.T.: 5.485 min  
Delta R.T.: -0.002 min  
Response: 398407105  
Conc: 45.94 ng/ml



#12 4,4'-DDE

R.T.: 6.319 min  
Delta R.T.: -0.002 min  
Response: 107945101  
Conc: 45.21 ng/ml





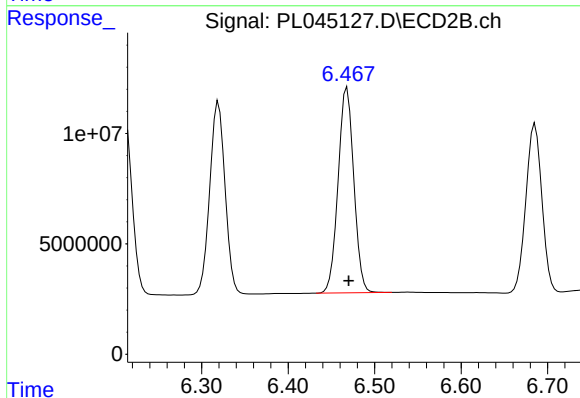
#13 Dieldrin

R.T.: 5.610 min  
Delta R.T.: -0.002 min  
Response: 432716560  
Conc: 46.10 ng/ml

Instrument :  
ECD\_L  
ClientSampled :  
PSTDCCC050

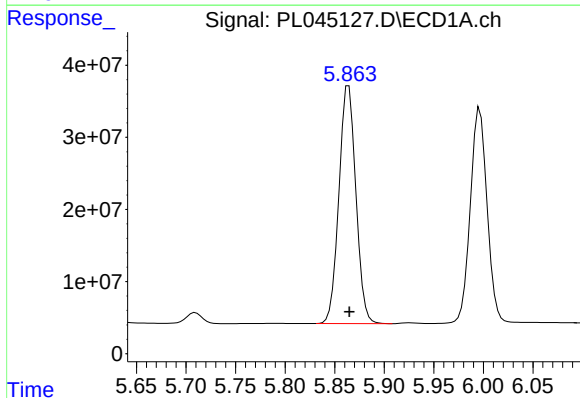
Manual Integrations  
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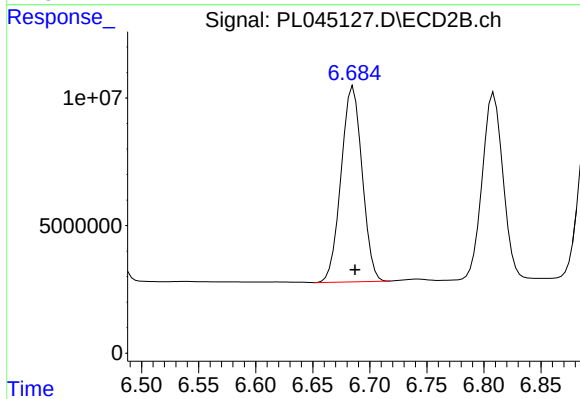
#13 Dieldrin

R.T.: 6.468 min  
Delta R.T.: -0.002 min  
Response: 116584558  
Conc: 45.19 ng/ml



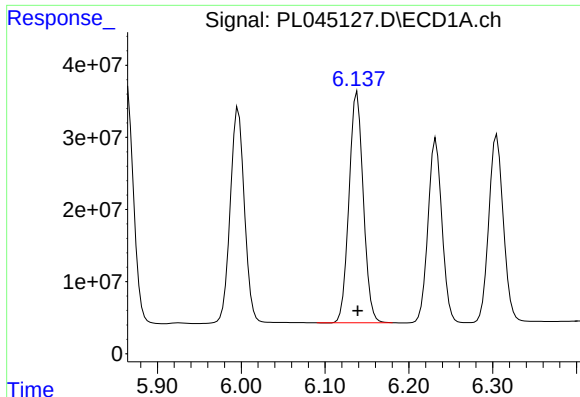
#14 Endrin

R.T.: 5.864 min  
Delta R.T.: 0.000 min  
Response: 392534886  
Conc: 44.81 ng/ml



#14 Endrin

R.T.: 6.686 min  
Delta R.T.: -0.002 min  
Response: 98348891  
Conc: 43.77 ng/ml



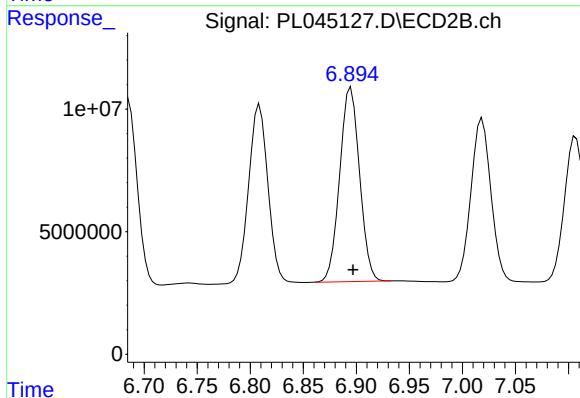
#15 Endosulfan II

R.T.: 6.138 min  
Delta R.T.: 0.000 min  
Response: 379518553  
Conc: 44.88 ng/ml

Instrument :  
ECD\_L  
ClientSampled :  
PSTDCCC050

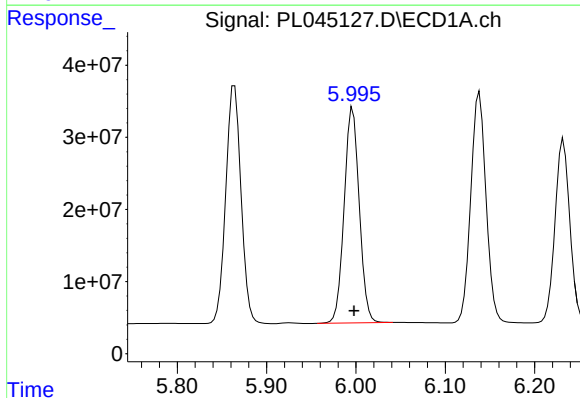
Manual Integrations  
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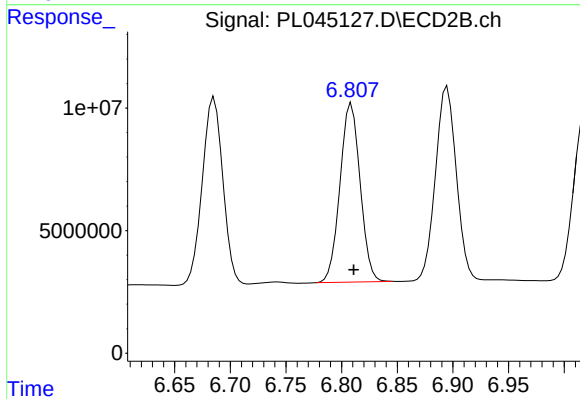
#15 Endosulfan II

R.T.: 6.895 min  
Delta R.T.: -0.002 min  
Response: 103062218  
Conc: 44.75 ng/ml



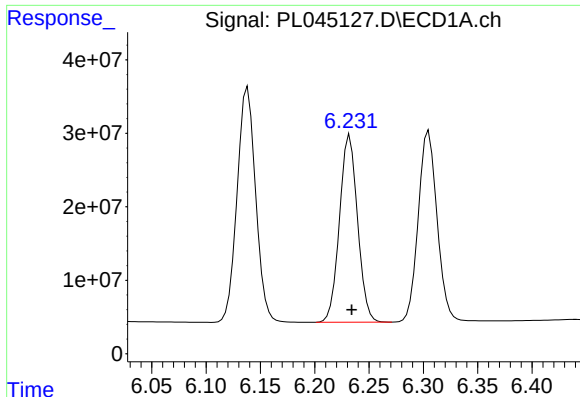
#16 4,4'-DDD

R.T.: 5.996 min  
Delta R.T.: -0.002 min  
Response: 350562810  
Conc: 48.46 ng/ml



#16 4,4'-DDD

R.T.: 6.809 min  
Delta R.T.: -0.002 min  
Response: 92053709  
Conc: 47.94 ng/ml



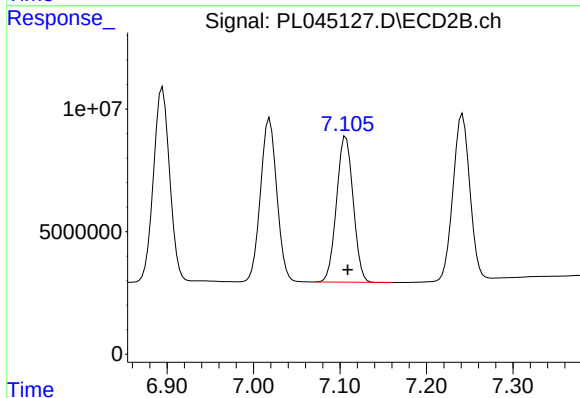
#17 4,4'-DDT

R.T.: 6.232 min  
Delta R.T.: -0.002 min  
Response: 294865860  
Conc: 41.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

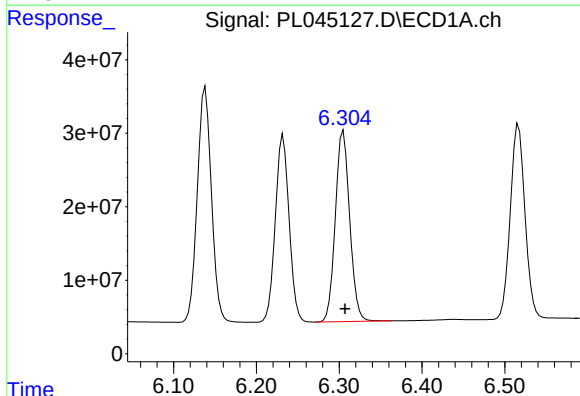
Manual Integrations  
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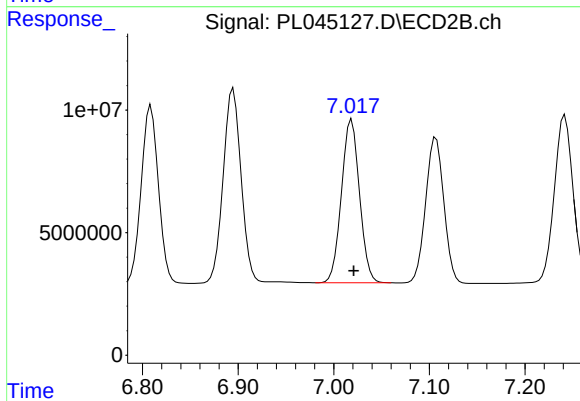
#17 4,4'-DDT

R.T.: 7.107 min  
Delta R.T.: -0.002 min  
Response: 78763588  
Conc: 40.15 ng/ml



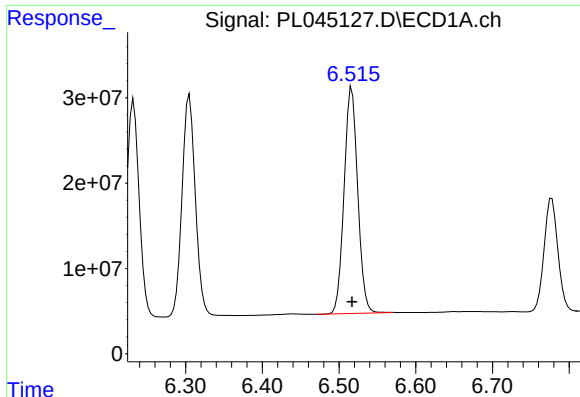
#18 Endrin aldehyde

R.T.: 6.305 min  
Delta R.T.: -0.002 min  
Response: 313019648  
Conc: 44.65 ng/ml



#18 Endrin aldehyde

R.T.: 7.019 min  
Delta R.T.: -0.002 min  
Response: 87651047  
Conc: 43.20 ng/ml



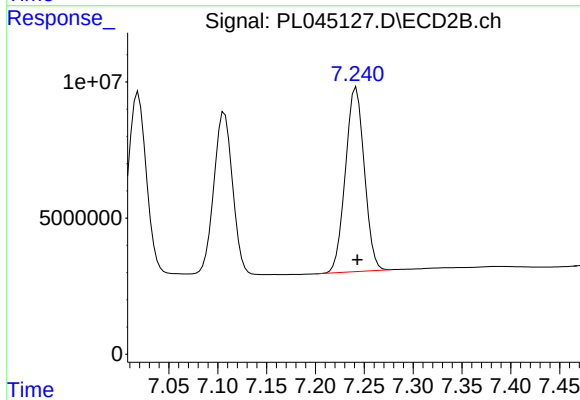
#19 Endosulfan Sulfate

R.T.: 6.517 min  
Delta R.T.: 0.000 min  
Response: 328230585  
Conc: 45.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

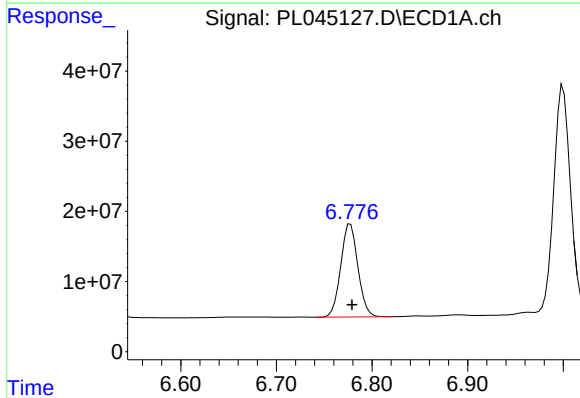
Manual Integrations  
APPROVED

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2/27/2019 3:17:26 PM



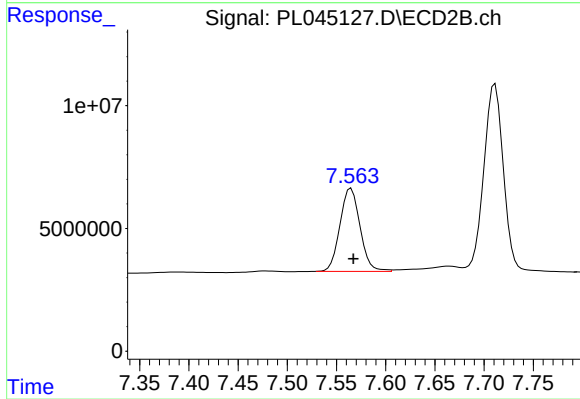
#19 Endosulfan Sulfate

R.T.: 7.242 min  
Delta R.T.: -0.001 min  
Response: 91021546  
Conc: 43.14 ng/ml



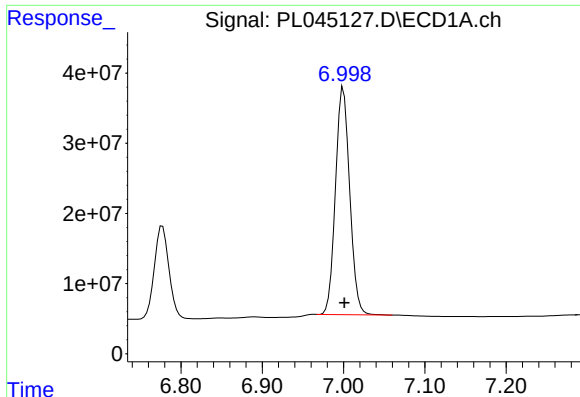
#20 Methoxychlor

R.T.: 6.777 min  
Delta R.T.: -0.002 min  
Response: 165697336  
Conc: 41.29 ng/ml



#20 Methoxychlor

R.T.: 7.563 min  
Delta R.T.: -0.004 min  
Response: 48067045  
Conc: 40.23 ng/ml m



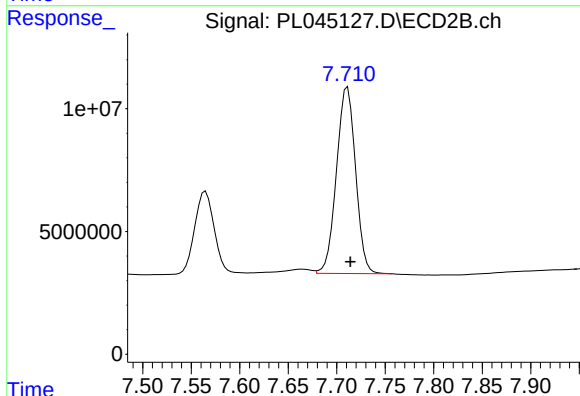
#21 Endrin ketone

R.T.: 7.000 min  
Delta R.T.: -0.001 min  
Response: 394181178  
Conc: 47.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

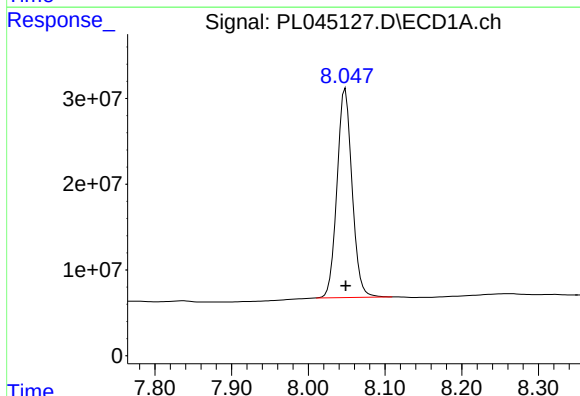
Manual Integrations  
APPROVED

Sohil  
2/27/2019 3:17:26 PM



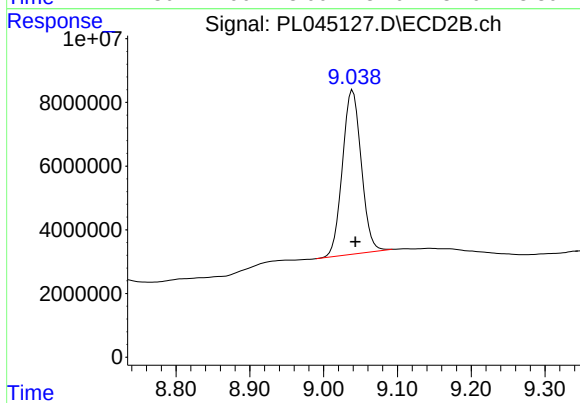
#21 Endrin ketone

R.T.: 7.711 min  
Delta R.T.: -0.003 min  
Response: 103825449  
Conc: 45.75 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.048 min  
Delta R.T.: 0.000 min  
Response: 332102550  
Conc: 45.53 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.039 min  
Delta R.T.: -0.004 min  
Response: 91200351  
Conc: 41.18 ng/ml