

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL062218\  
 Data File : PL037332.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Jun 2018 21:15  
 Operator : UA\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: Jun 23 00:23:56 2018  
 Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD\_L\methods\PL062018.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jun 21 02:27:11 2018  
 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... | 3.337 | 3.937 | 377.4E6 | 136.1E6  | 47.715  | 49.182  |
| 28)                         | SA Decachlor... | 8.018 | 8.949 | 273.0E6 | 100.0E6  | 45.241  | 50.410  |
| Target Compounds            |                 |       |       |         |          |         |         |
| 2)                          | A alpha-BHC     | 3.767 | 4.316 | 590.6E6 | 192.8E6  | 48.242  | 49.694  |
| 3)                          | MA gamma-BHC... | 4.044 | 4.596 | 519.2E6 | 167.5E6  | 50.337  | 48.490  |
| 4)                          | MA Heptachlor   | 4.330 | 5.107 | 491.6E6 | 162.2E6  | 47.980  | 46.914  |
| 5)                          | MB Aldrin       | 4.570 | 5.410 | 481.3E6 | 148.7E6  | 47.283  | 47.410  |
| 6)                          | B beta-BHC      | 4.298 | 4.757 | 224.0E6 | 75296973 | 49.102  | 46.690  |
| 7)                          | B delta-BHC     | 4.493 | 4.971 | 500.7E6 | 156.2E6  | 47.332  | 55.400  |
| 8)                          | B Heptachlo...  | 5.007 | 5.788 | 430.1E6 | 146.7E6  | 45.920m | 51.446m |
| 9)                          | A Endosulfan I  | 5.340 | 6.142 | 391.1E6 | 121.0E6  | 46.224  | 47.196  |
| 10)                         | B gamma-Chl...  | 5.230 | 6.020 | 431.1E6 | 134.1E6  | 46.032m | 47.614m |
| 11)                         | B alpha-Chl...  | 5.288 | 6.096 | 428.2E6 | 138.4E6  | 47.156  | 48.086  |
| 12)                         | B 4,4'-DDE      | 5.457 | 6.251 | 417.7E6 | 114.4E6  | 47.288  | 44.959  |
| 13)                         | MA Dieldrin     | 5.580 | 6.396 | 404.5E6 | 121.4E6  | 45.686  | 45.475  |
| 14)                         | MA Endrin       | 5.834 | 6.611 | 350.9E6 | 104.6E6  | 44.538  | 45.511  |
| 15)                         | B Endosulfa...  | 6.109 | 6.813 | 327.4E6 | 103.3E6  | 44.519  | 41.640  |
| 16)                         | A 4,4'-DDD      | 5.969 | 6.733 | 309.0E6 | 92578449 | 47.057  | 45.101  |
| 17)                         | MA 4,4'-DDT     | 6.204 | 7.031 | 264.2E6 | 84986060 | 40.916  | 40.122m |
| 18)                         | B Endrin al...  | 6.277 | 6.936 | 246.1E6 | 85684491 | 44.074  | 42.581  |
| 19)                         | B Endosulfa...  | 6.488 | 7.158 | 289.7E6 | 92772540 | 43.301  | 42.626  |
| 20)                         | A Methoxychlor  | 6.752 | 7.487 | 137.3E6 | 47127547 | 40.389m | 42.103  |
| 21)                         | B Endrin ke...  | 6.970 | 7.622 | 326.8E6 | 99432467 | 45.952m | 48.990  |
| -----                       |                 |       |       |         |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL062218\  
Data File : PL037332.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Jun 2018 21:15  
Operator : UA\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampled :  
PSTDCCC050

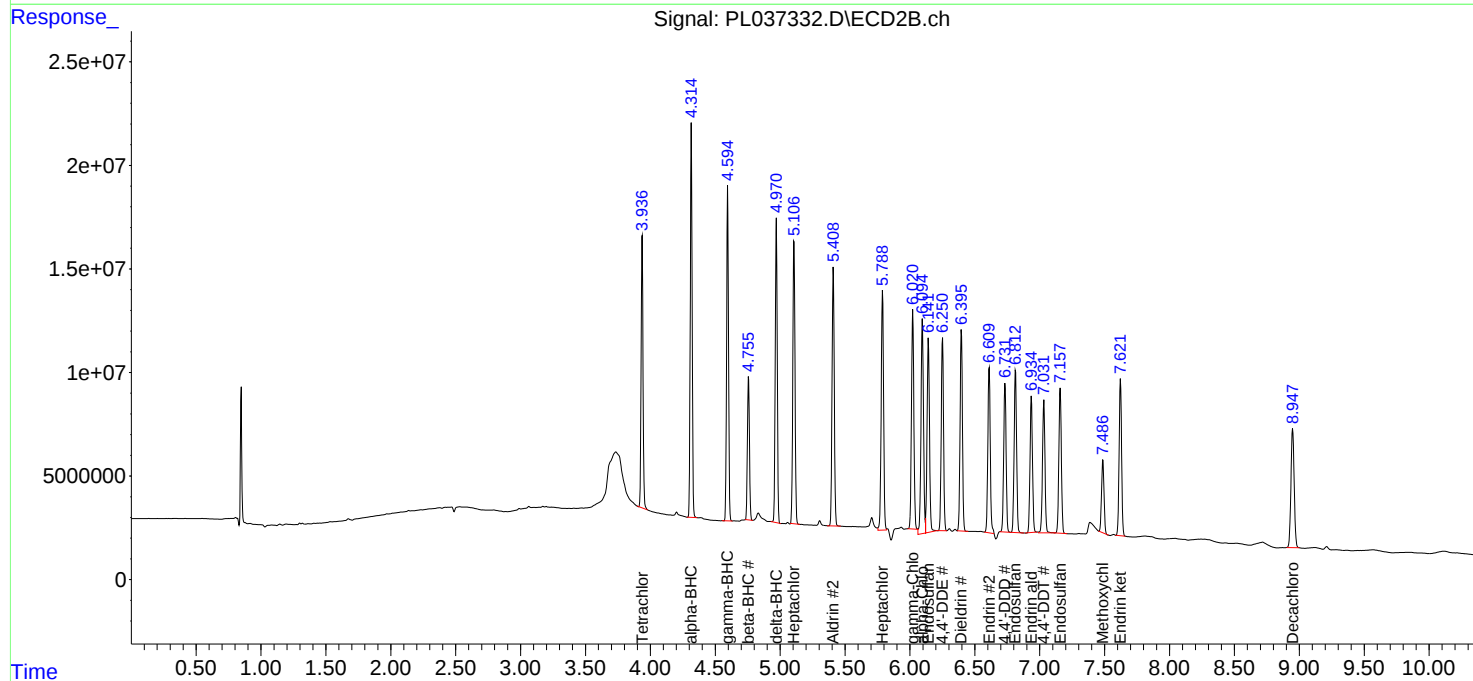
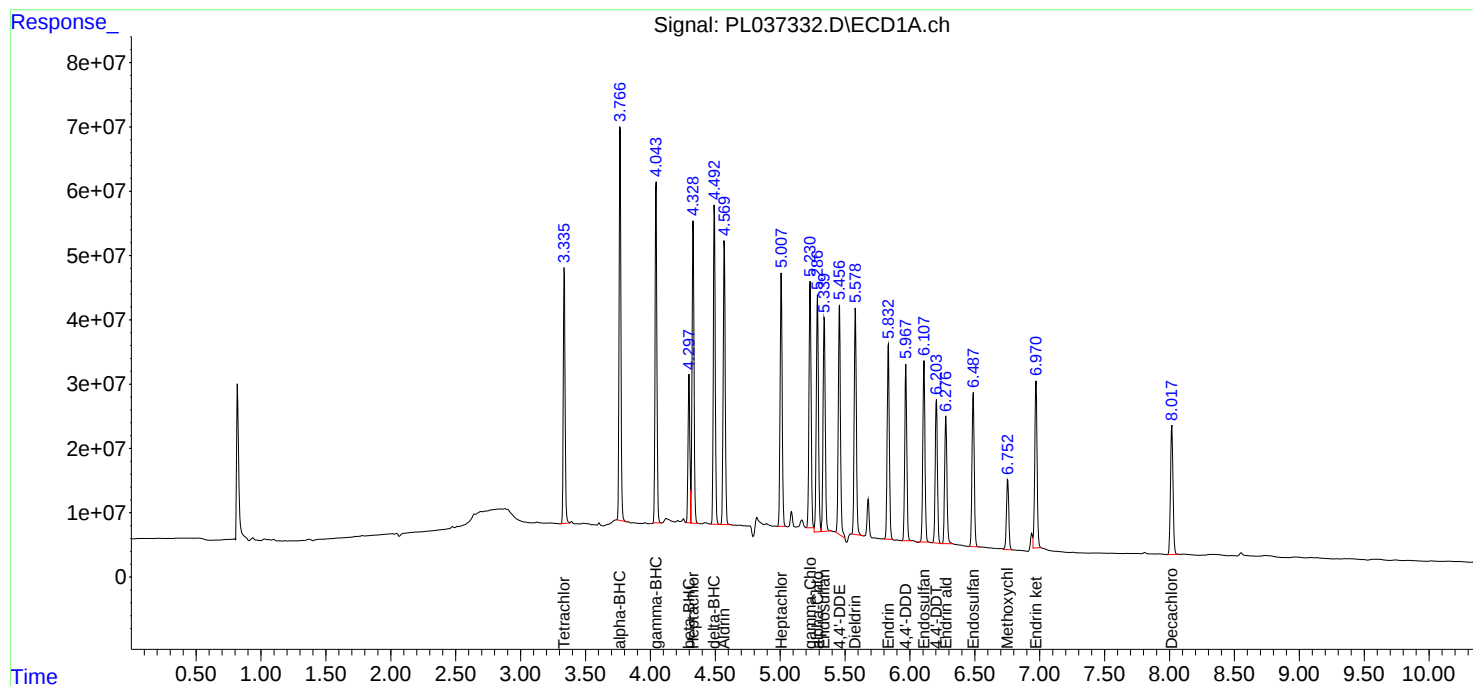
Manual Integrations  
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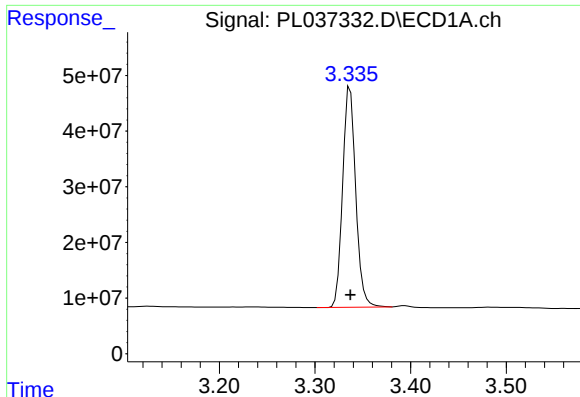
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 23 00:23:56 2018  
Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD\_L\methods\PL062018.M  
Quant Title : GC Extractables  
QLast Update : Thu Jun 21 02:27:11 2018  
Response via : Initial Calibration  
Integrator: ChemStation

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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





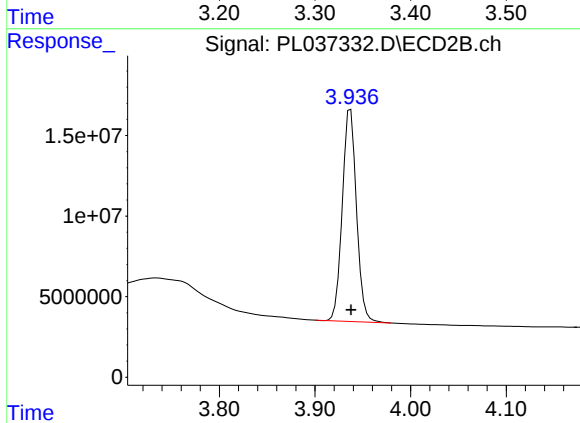
#1 Tetrachloro-m-xylene

R.T.: 3.337 min  
Delta R.T.: 0.000 min  
Response: 377440011  
Conc: 47.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
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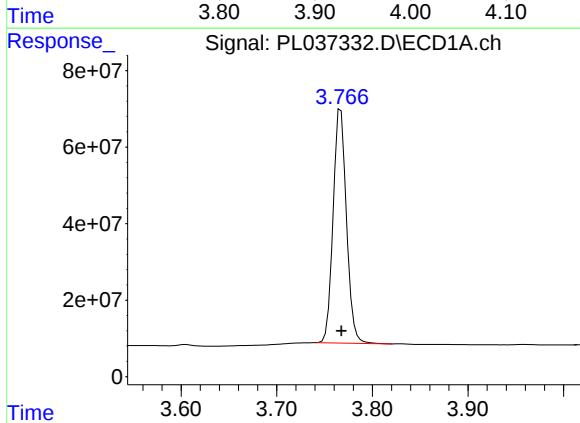
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#1 Tetrachloro-m-xylene

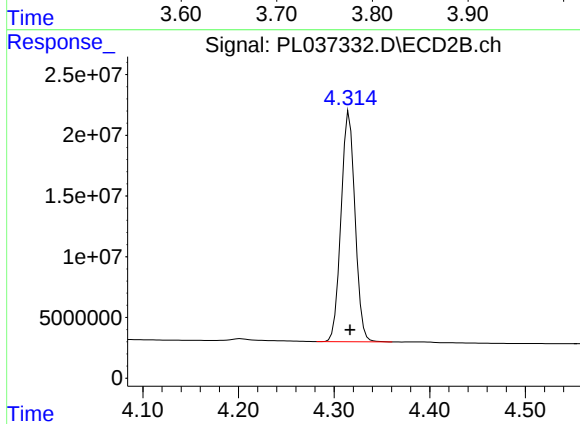
R.T.: 3.937 min  
Delta R.T.: 0.000 min  
Response: 136072476  
Conc: 49.18 ng/ml

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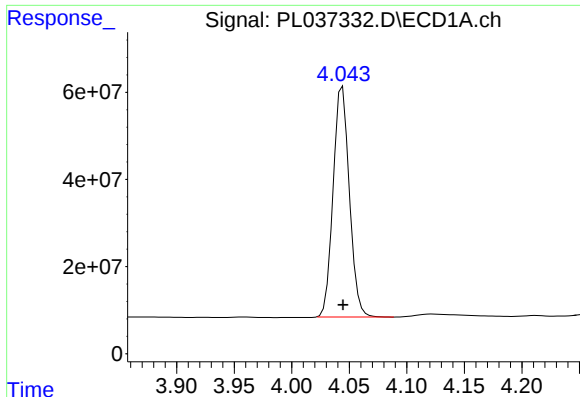
#2 alpha-BHC

R.T.: 3.767 min  
Delta R.T.: 0.000 min  
Response: 590624860  
Conc: 48.24 ng/ml



#2 alpha-BHC

R.T.: 4.316 min  
Delta R.T.: 0.000 min  
Response: 192823655  
Conc: 49.69 ng/ml



#3 gamma-BHC (Lindane)

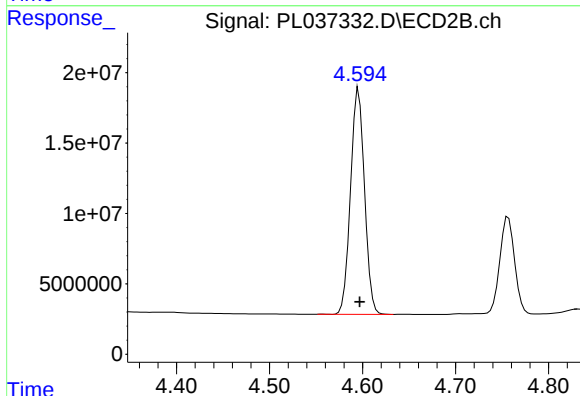
R.T.: 4.044 min  
Delta R.T.: 0.000 min  
Response: 519207509  
Conc: 50.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
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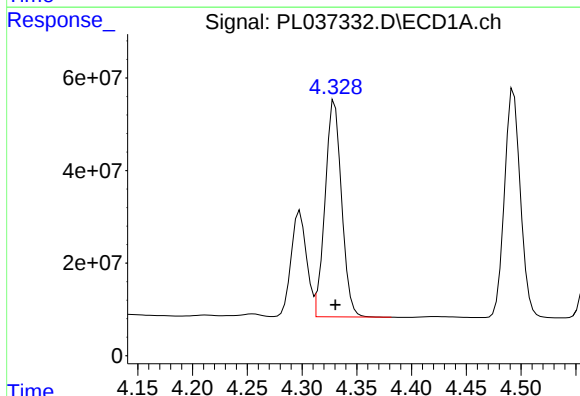
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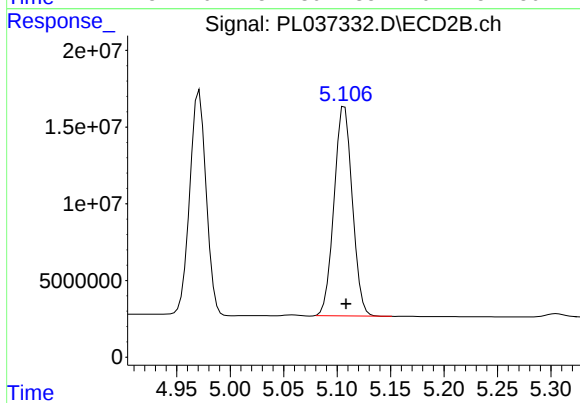
#3 gamma-BHC (Lindane)

R.T.: 4.596 min  
Delta R.T.: 0.000 min  
Response: 167471721  
Conc: 48.49 ng/ml



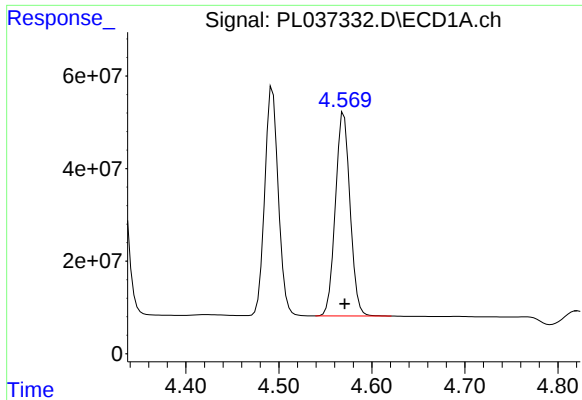
#4 Heptachlor

R.T.: 4.330 min  
Delta R.T.: 0.000 min  
Response: 491564872  
Conc: 47.98 ng/ml



#4 Heptachlor

R.T.: 5.107 min  
Delta R.T.: -0.001 min  
Response: 162151384  
Conc: 46.91 ng/ml



#5 Aldrin

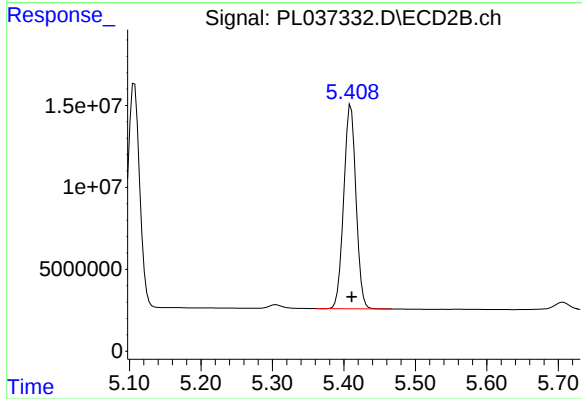
R.T.: 4.570 min  
Delta R.T.: 0.000 min  
Response: 481271151  
Conc: 47.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
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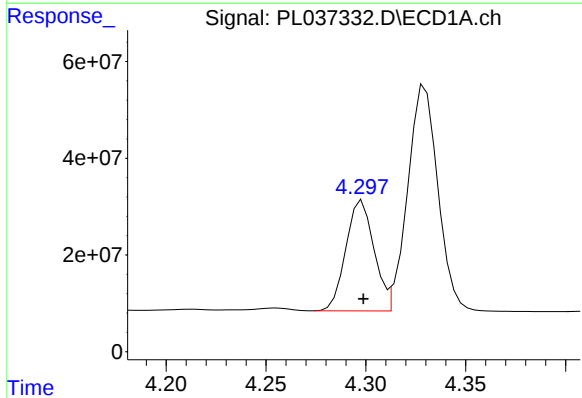
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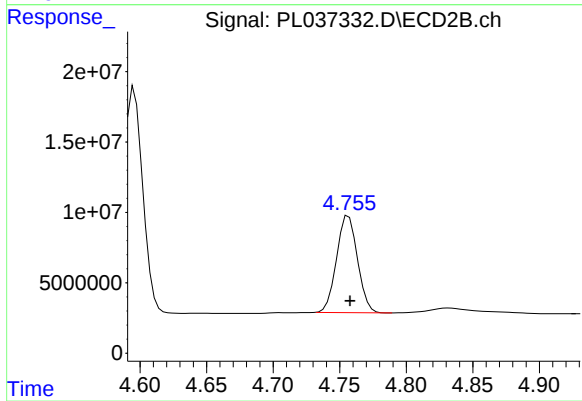
#5 Aldrin

R.T.: 5.410 min  
Delta R.T.: -0.001 min  
Response: 148734130  
Conc: 47.41 ng/ml



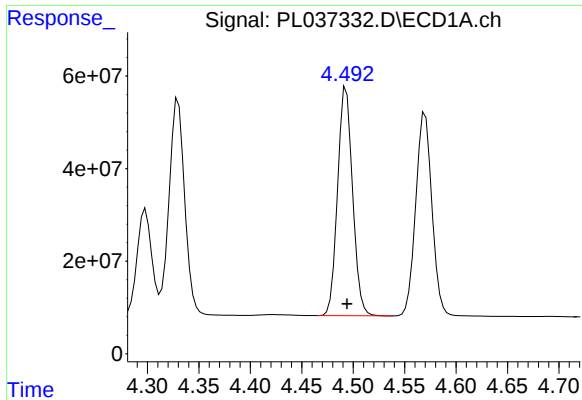
#6 beta-BHC

R.T.: 4.298 min  
Delta R.T.: 0.000 min  
Response: 223951437  
Conc: 49.10 ng/ml



#6 beta-BHC

R.T.: 4.757 min  
Delta R.T.: -0.001 min  
Response: 75296973  
Conc: 46.69 ng/ml



#7 delta-BHC

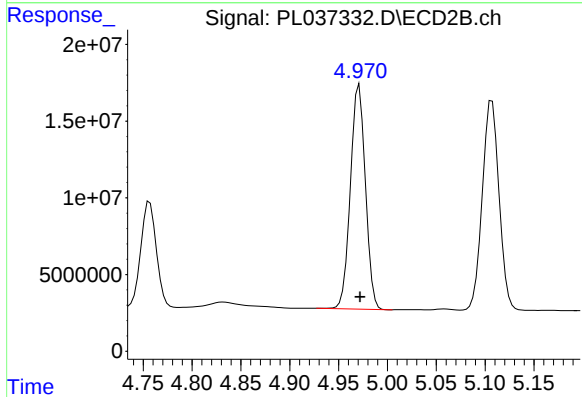
R.T.: 4.493 min  
Delta R.T.: 0.000 min  
Response: 500728061  
Conc: 47.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
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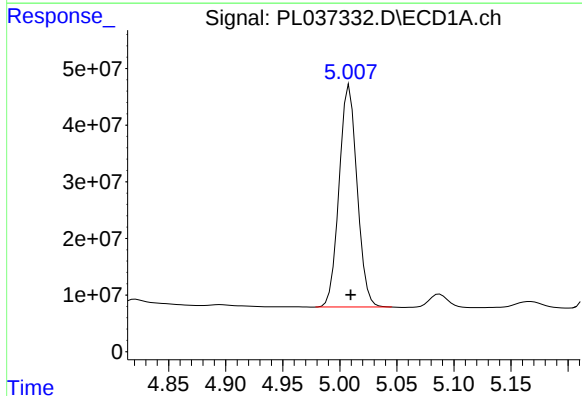
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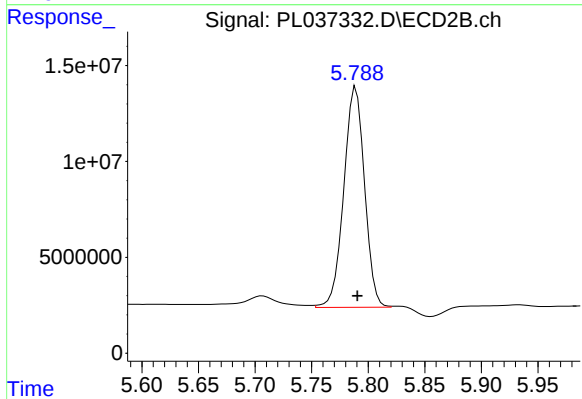
#7 delta-BHC

R.T.: 4.971 min  
Delta R.T.: 0.000 min  
Response: 156241865  
Conc: 55.40 ng/ml



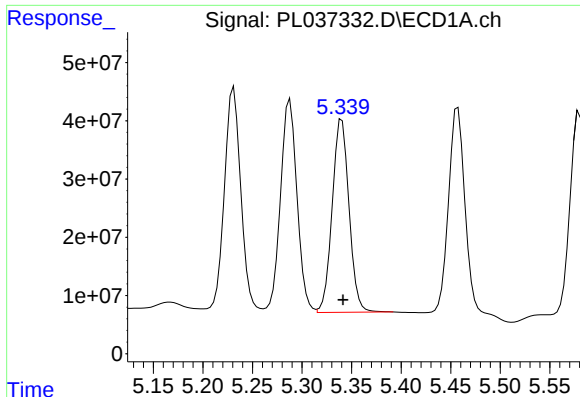
#8 Heptachlor epoxide

R.T.: 5.007 min  
Delta R.T.: -0.003 min  
Response: 430133128  
Conc: 45.92 ng/ml m



#8 Heptachlor epoxide

R.T.: 5.788 min  
Delta R.T.: -0.003 min  
Response: 146655186  
Conc: 51.45 ng/ml m



#9 Endosulfan I

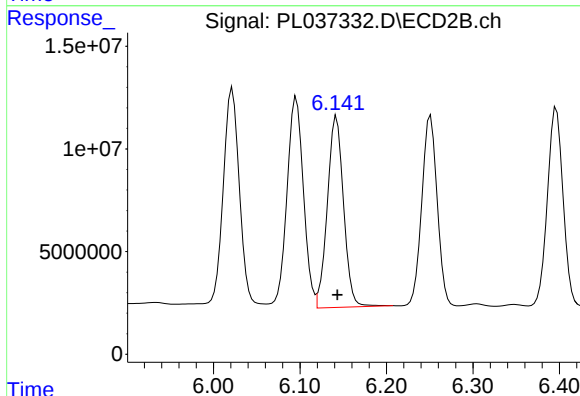
R.T.: 5.340 min  
Delta R.T.: -0.001 min  
Response: 391091956  
Conc: 46.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
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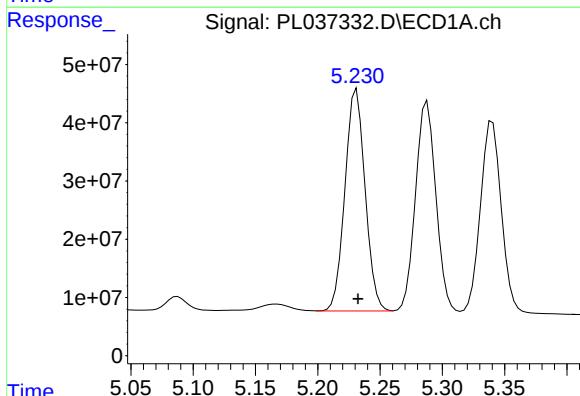
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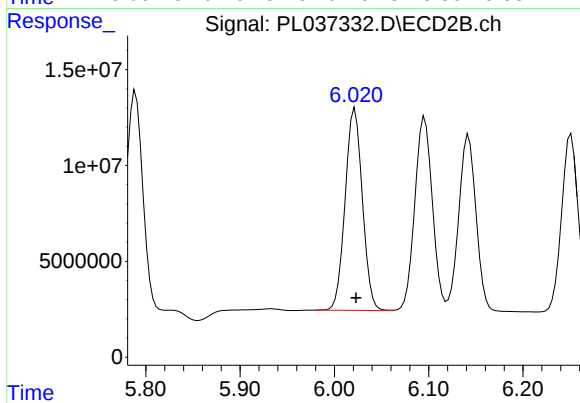
#9 Endosulfan I

R.T.: 6.142 min  
Delta R.T.: -0.001 min  
Response: 121048536  
Conc: 47.20 ng/ml



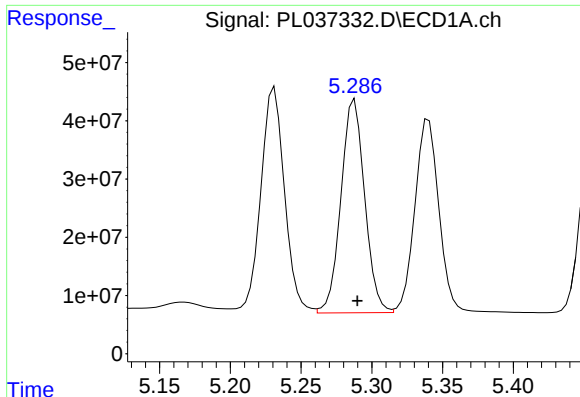
#10 gamma-Chlordane

R.T.: 5.230 min  
Delta R.T.: -0.003 min  
Response: 431146718  
Conc: 46.03 ng/ml m



#10 gamma-Chlordane

R.T.: 6.020 min  
Delta R.T.: -0.003 min  
Response: 134100711  
Conc: 47.61 ng/ml m



#11 alpha-Chlordane

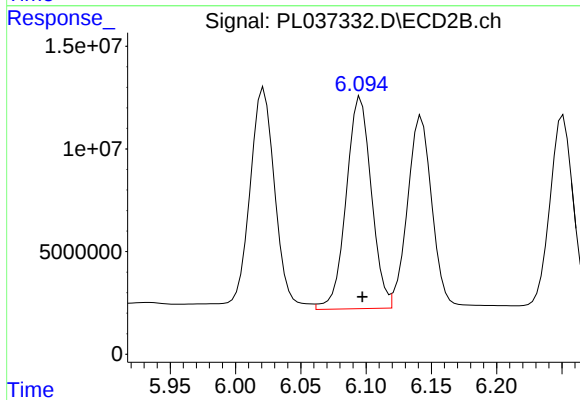
R.T.: 5.288 min  
Delta R.T.: -0.002 min  
Response: 428241608  
Conc: 47.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
APPROVED

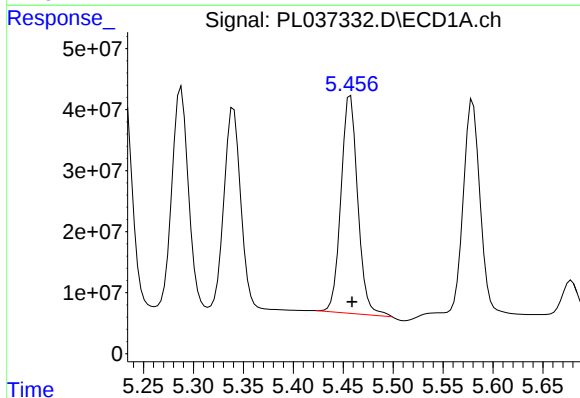
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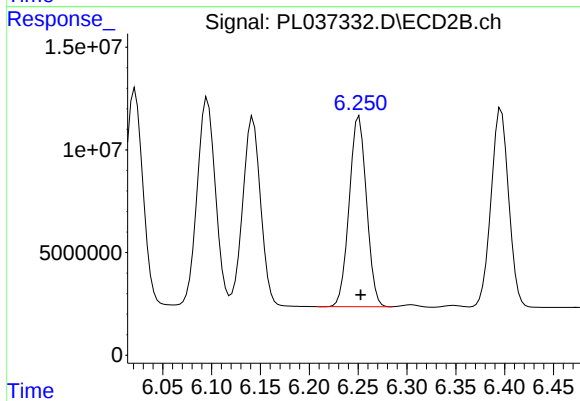
#11 alpha-Chlordane

R.T.: 6.096 min  
Delta R.T.: -0.001 min  
Response: 138405416  
Conc: 48.09 ng/ml



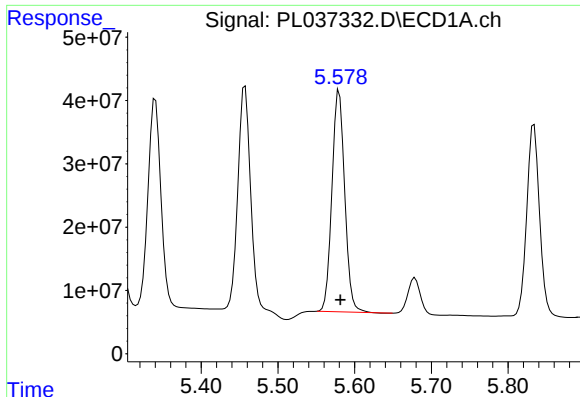
#12 4,4'-DDE

R.T.: 5.457 min  
Delta R.T.: -0.002 min  
Response: 417674286  
Conc: 47.29 ng/ml



#12 4,4'-DDE

R.T.: 6.251 min  
Delta R.T.: -0.001 min  
Response: 114404884  
Conc: 44.96 ng/ml



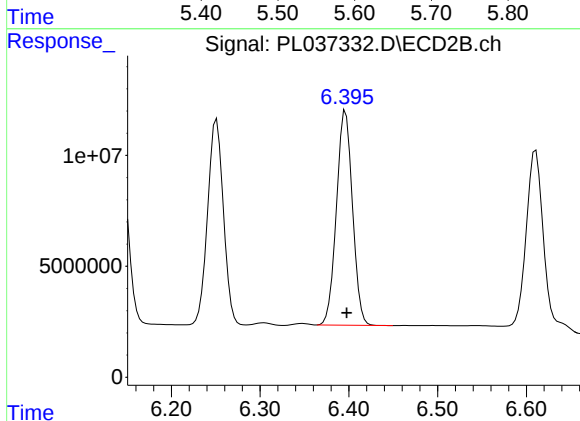
#13 Dieldrin

R.T.: 5.580 min  
Delta R.T.: -0.002 min  
Response: 404463726  
Conc: 45.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
APPROVED

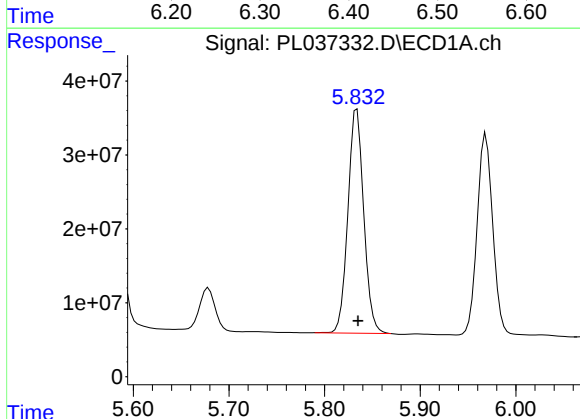
ugo



#13 Dieldrin

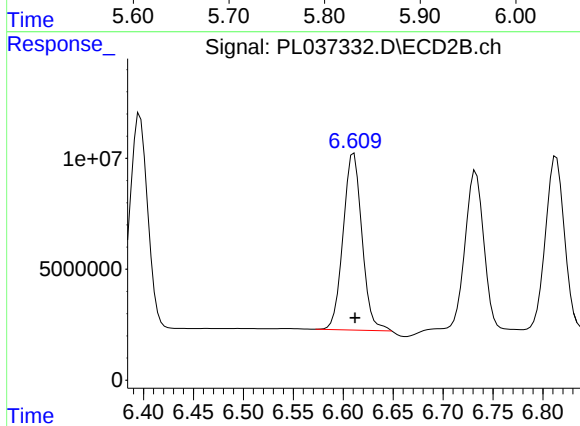
R.T.: 6.396 min  
Delta R.T.: -0.001 min  
Response: 121384240  
Conc: 45.48 ng/ml

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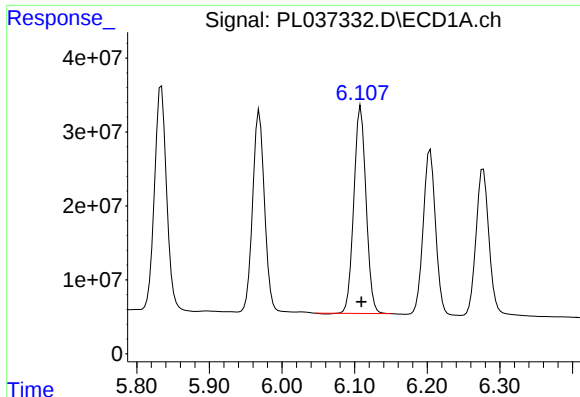
#14 Endrin

R.T.: 5.834 min  
Delta R.T.: -0.001 min  
Response: 350852003  
Conc: 44.54 ng/ml



#14 Endrin

R.T.: 6.611 min  
Delta R.T.: -0.001 min  
Response: 104643081  
Conc: 45.51 ng/ml



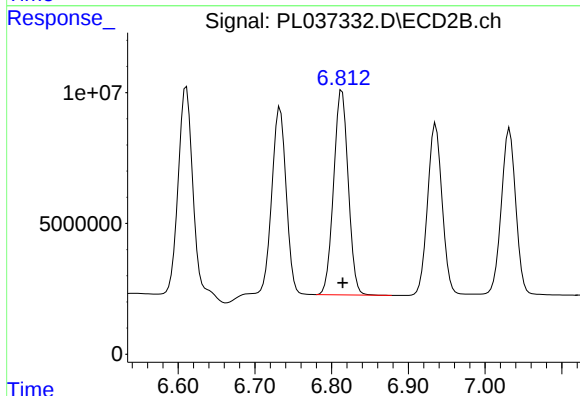
#15 Endosulfan II

R.T.: 6.109 min  
Delta R.T.: 0.000 min  
Response: 327369899  
Conc: 44.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
APPROVED

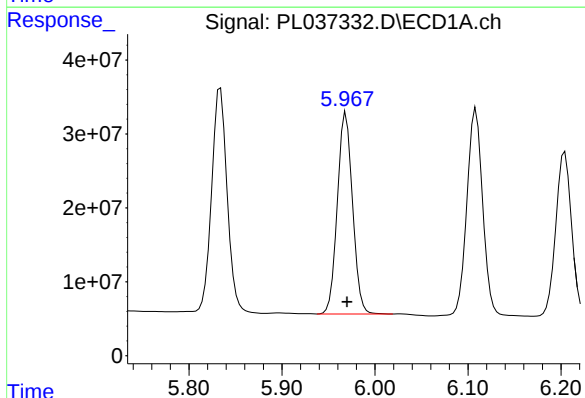
ugo



#15 Endosulfan II

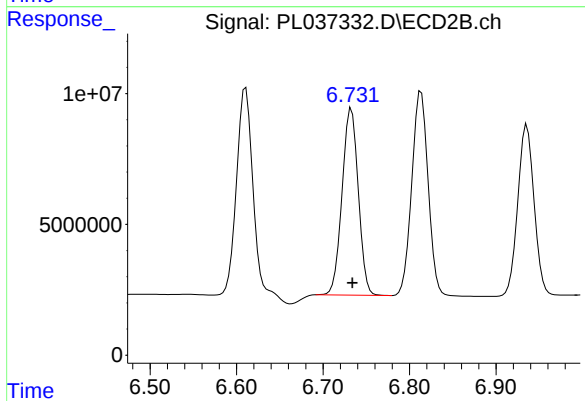
R.T.: 6.813 min  
Delta R.T.: 0.000 min  
Response: 103268473  
Conc: 41.64 ng/ml

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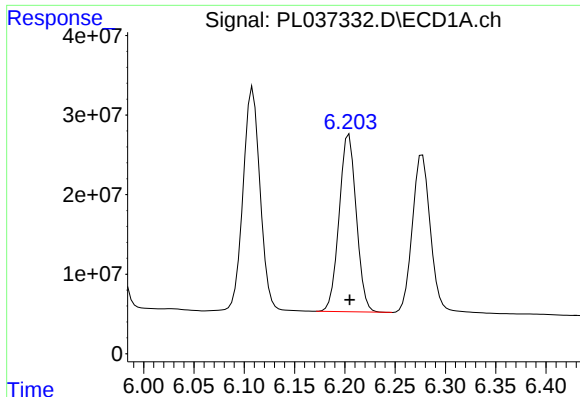
#16 4,4'-DDD

R.T.: 5.969 min  
Delta R.T.: -0.001 min  
Response: 309025299  
Conc: 47.06 ng/ml



#16 4,4'-DDD

R.T.: 6.733 min  
Delta R.T.: 0.000 min  
Response: 92578449  
Conc: 45.10 ng/ml



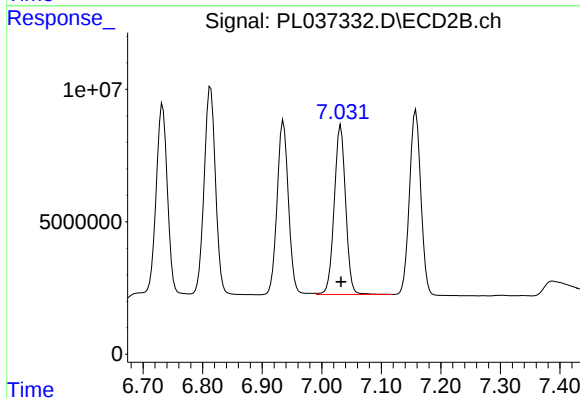
#17 4,4'-DDT

R.T.: 6.204 min  
Delta R.T.: 0.000 min  
Response: 264167748  
Conc: 40.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
APPROVED

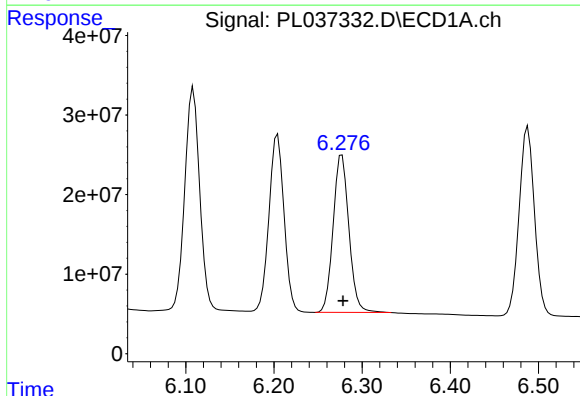
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#17 4,4'-DDT

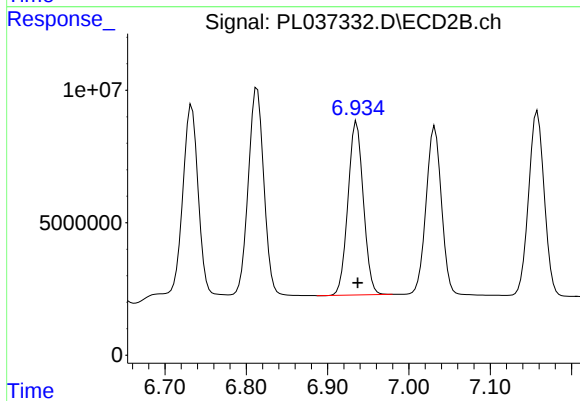
R.T.: 7.031 min  
Delta R.T.: -0.002 min  
Response: 84986060  
Conc: 40.12 ng/ml m

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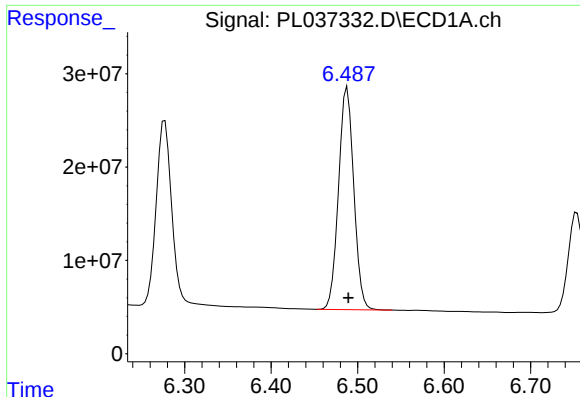
#18 Endrin aldehyde

R.T.: 6.277 min  
Delta R.T.: -0.001 min  
Response: 246132209  
Conc: 44.07 ng/ml



#18 Endrin aldehyde

R.T.: 6.936 min  
Delta R.T.: -0.002 min  
Response: 85684491  
Conc: 42.58 ng/ml



#19 Endosulfan Sulfate

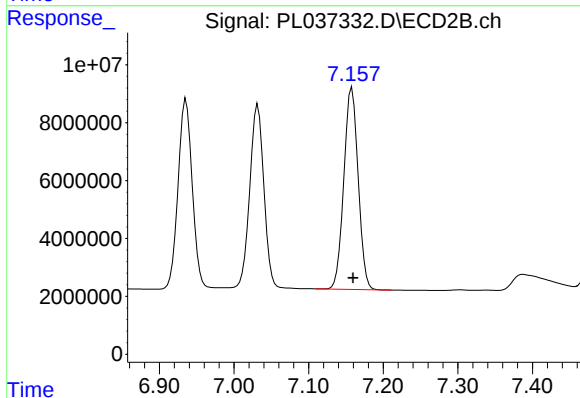
R.T.: 6.488 min  
Delta R.T.: -0.001 min  
Response: 289687802  
Conc: 43.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
APPROVED

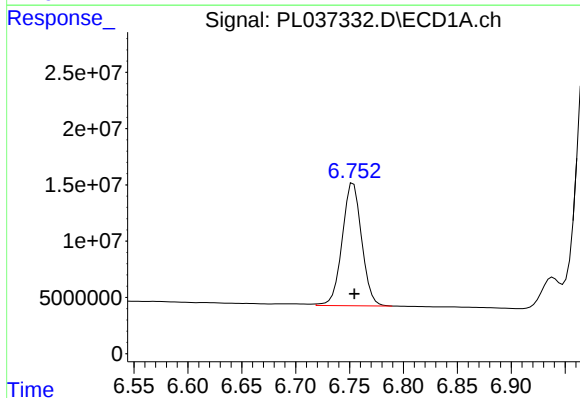
ugo

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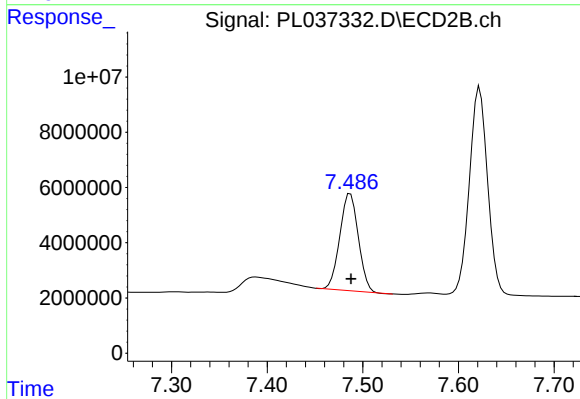
#19 Endosulfan Sulfate

R.T.: 7.158 min  
Delta R.T.: -0.001 min  
Response: 92772540  
Conc: 42.63 ng/ml



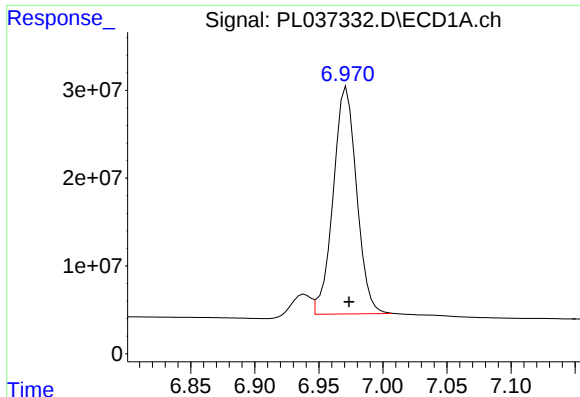
#20 Methoxychlor

R.T.: 6.752 min  
Delta R.T.: -0.002 min  
Response: 137282783  
Conc: 40.39 ng/ml m



#20 Methoxychlor

R.T.: 7.487 min  
Delta R.T.: 0.000 min  
Response: 47127547  
Conc: 42.10 ng/ml



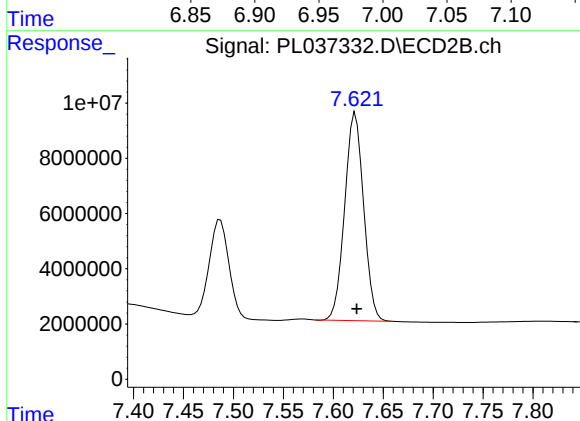
#21 Endrin ketone

R.T.: 6.970 min  
Delta R.T.: -0.003 min  
Response: 326794287  
Conc: 45.95 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
APPROVED

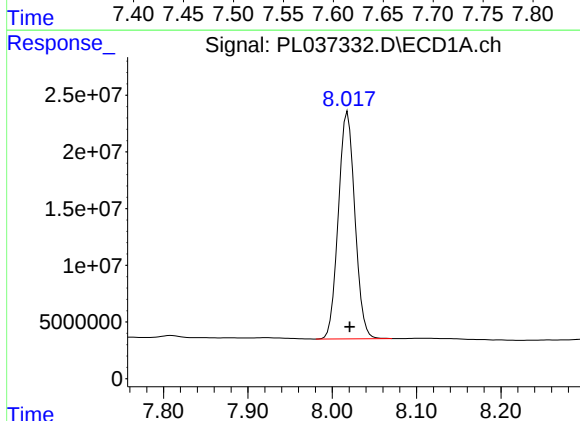
ugo



#21 Endrin ketone

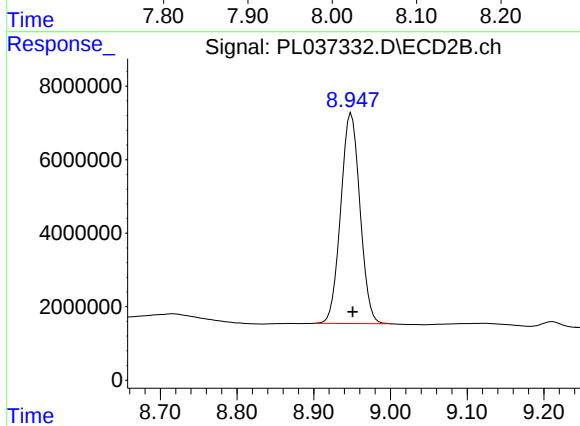
R.T.: 7.622 min  
Delta R.T.: -0.001 min  
Response: 99432467  
Conc: 48.99 ng/ml

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#28 Decachlorobiphenyl

R.T.: 8.018 min  
Delta R.T.: -0.002 min  
Response: 272984093  
Conc: 45.24 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.949 min  
Delta R.T.: -0.002 min  
Response: 100011541  
Conc: 50.41 ng/ml