

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD093019\  
 Data File : PD055069.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 01 Oct 2019 11:23  
 Operator : SG\AJ  
 Sample : PSTDICV050  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleID :  
 ICVPD093019

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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 01 16:32:25 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD093019.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Oct 01 06:38:00 2019  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
 Signal #1 Info : 30M x 0.32mm x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-----------------|-------|-------|----------|----------|---------|---------|
| -----                       |                 |       |       |          |          |         |         |
| System Monitoring Compounds |                 |       |       |          |          |         |         |
| 1)                          | SA Tetrachlo... | 3.298 | 3.961 | 34646953 | 50994087 | 44.191  | 44.547  |
| 28)                         | SA Decachlor... | 7.978 | 8.999 | 37461867 | 53079661 | 43.425  | 43.579  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.725 | 4.348 | 52553695 | 77986218 | 45.068  | 46.812  |
| 3)                          | MA gamma-BHC... | 4.001 | 4.630 | 48583134 | 73717259 | 44.434  | 46.205  |
| 4)                          | MA Heptachlor   | 4.287 | 5.137 | 41840764 | 70595006 | 43.701  | 45.578  |
| 5)                          | MB Aldrin       | 4.527 | 5.441 | 46539561 | 69272114 | 46.343  | 46.554  |
| 6)                          | B beta-BHC      | 4.250 | 4.799 | 20692421 | 33165998 | 44.622  | 45.662  |
| 7)                          | B delta-BHC     | 4.446 | 5.015 | 49422827 | 72712107 | 45.376  | 54.688  |
| 8)                          | B Heptachlor... | 4.964 | 5.825 | 42489189 | 65931806 | 45.196  | 49.480  |
| 9)                          | A Endosulfan I  | 5.296 | 6.180 | 39873072 | 62267401 | 44.973  | 45.562  |
| 10)                         | B gamma-Chl...  | 5.187 | 6.057 | 44514693 | 69282124 | 45.232  | 45.226m |
| 11)                         | B alpha-Chl...  | 5.245 | 6.130 | 43906499 | 68604705 | 45.356  | 45.227  |
| 12)                         | B 4,4'-DDE      | 5.413 | 6.287 | 38108566 | 64139192 | 42.568  | 45.899  |
| 13)                         | MA Dieldrin     | 5.536 | 6.436 | 43316540 | 67708884 | 44.902  | 46.056  |
| 14)                         | MA Endrin       | 5.789 | 6.652 | 38884023 | 55976185 | 44.007  | 44.426m |
| 15)                         | B Endosulfa...  | 6.063 | 6.860 | 39423094 | 60780321 | 44.657  | 45.041m |
| 16)                         | A 4,4'-DDD      | 5.925 | 6.774 | 32885602 | 54739792 | 44.633  | 45.376m |
| 17)                         | MA 4,4'-DDT     | 6.159 | 7.073 | 31635180 | 55389252 | 47.662  | 46.467  |
| 18)                         | B Endrin al...  | 6.230 | 6.985 | 32840529 | 52568781 | 43.655m | 45.860  |
| 19)                         | B Endosulfa...  | 6.442 | 7.207 | 35064758 | 56670384 | 43.315  | 44.651  |
| 20)                         | A Methoxychlor  | 6.708 | 7.531 | 15822547 | 31102949 | 44.360  | 45.253  |
| 21)                         | B Endrin ke...  | 6.927 | 7.676 | 42987359 | 65648150 | 45.299  | 45.526  |
| 22)                         | Mirex           | 7.102 | 8.130 | 34335605 | 47814282 | 44.014  | 44.317  |
| -----                       |                 |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD093019\  
Data File : PD055069.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 01 Oct 2019 11:23  
Operator : SG\AJ  
Sample : PSTDICV050  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

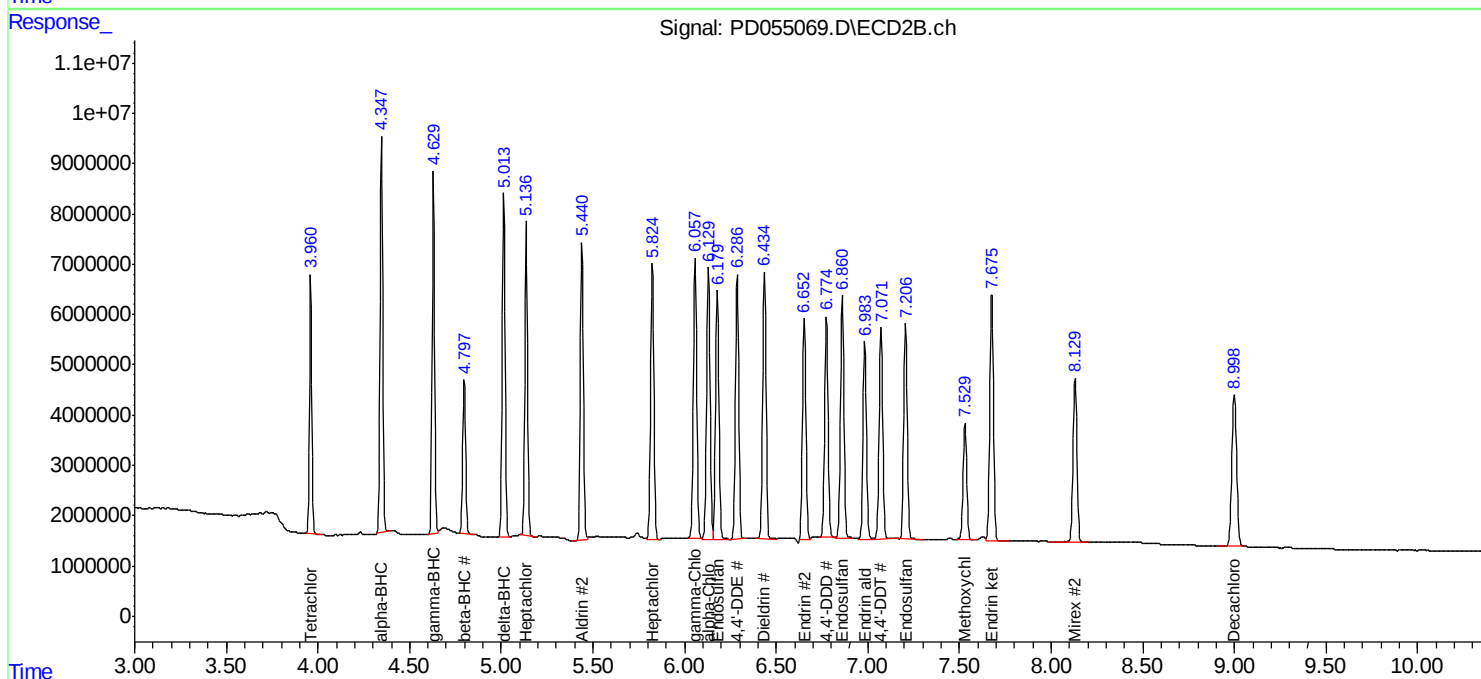
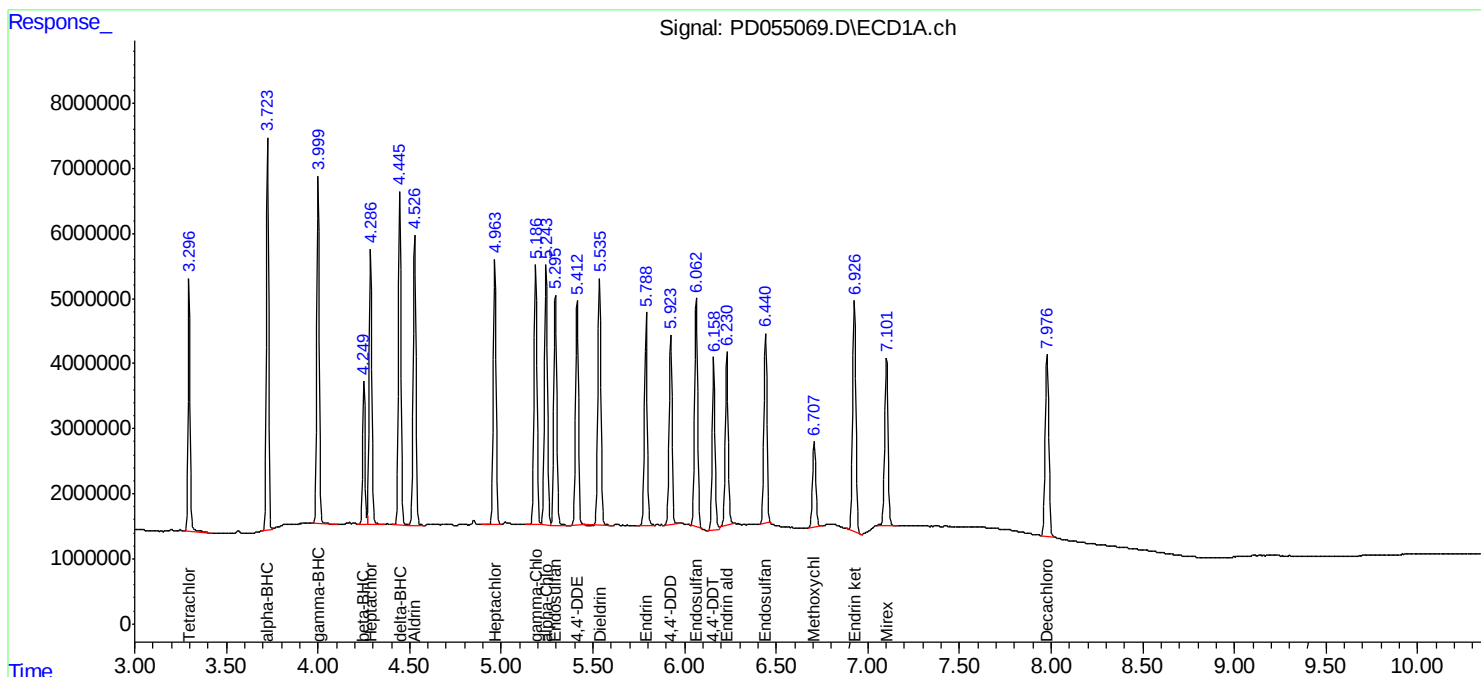
Instrument :  
ECD\_D  
ClientSampleId :  
ICVPD093019

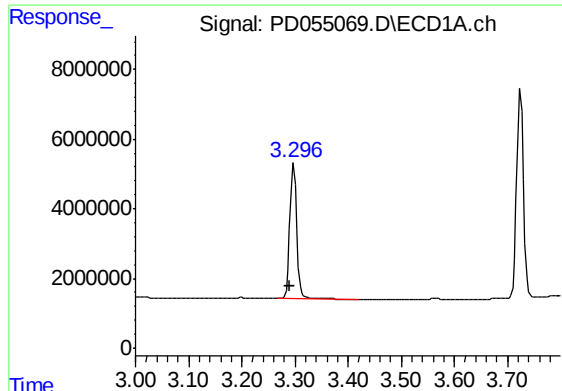
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 01 16:32:25 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD093019.M  
Quant Title : GC Extractables  
QLast Update : Tue Oct 01 06:38:00 2019  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 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 x 0.50µm





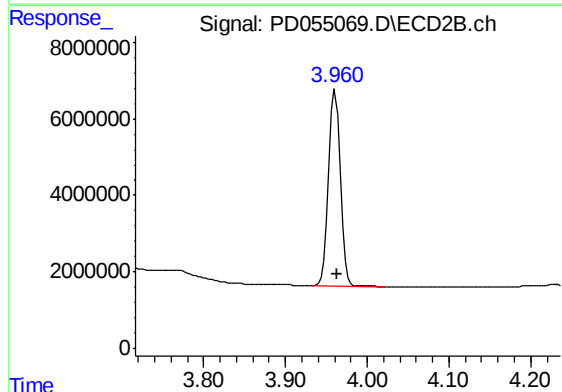
#1 Tetrachloro-m-xylene

R.T.: 3.298 min  
Delta R.T.: 0.007 min  
Response: 34646953  
Conc: 44.19 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
ICVPD093019

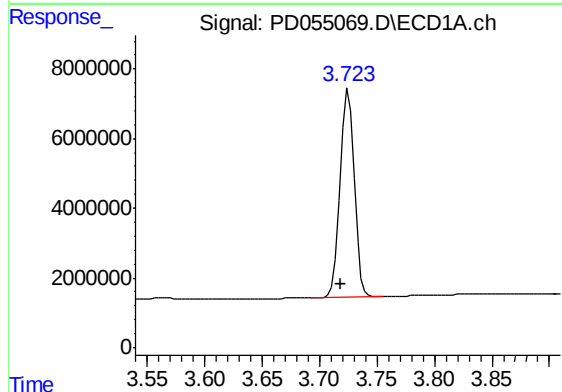
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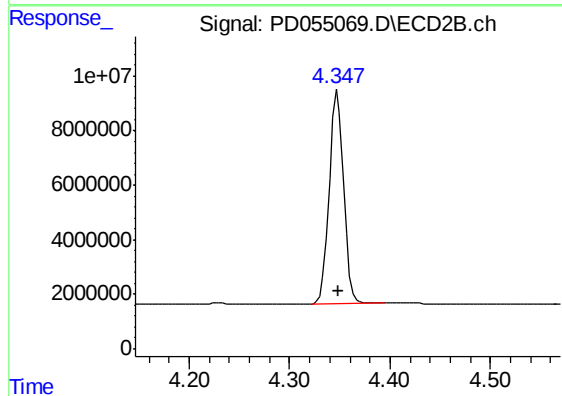
#1 Tetrachloro-m-xylene

R.T.: 3.961 min  
Delta R.T.: -0.001 min  
Response: 50994087  
Conc: 44.55 ng/ml



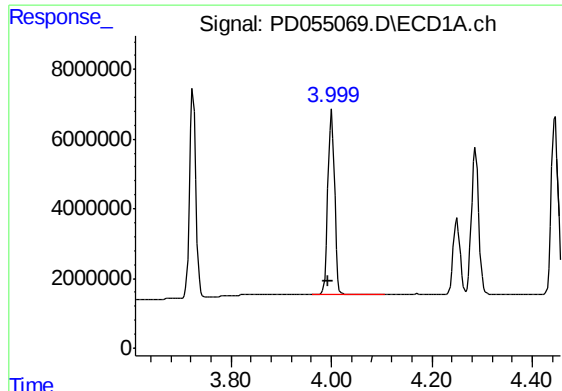
#2 alpha-BHC

R.T.: 3.725 min  
Delta R.T.: 0.006 min  
Response: 52553695  
Conc: 45.07 ng/ml



#2 alpha-BHC

R.T.: 4.348 min  
Delta R.T.: 0.000 min  
Response: 77986218  
Conc: 46.81 ng/ml



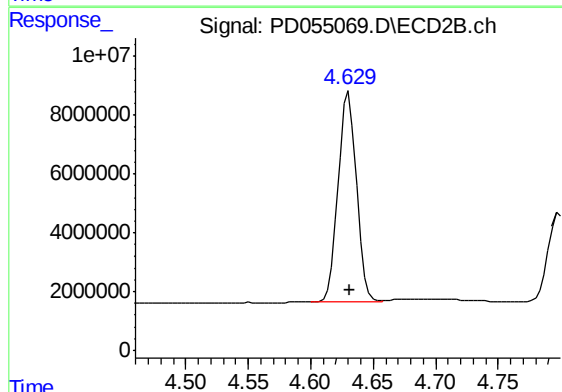
#3 gamma-BHC (Lindane)

R.T.: 4.001 min  
Delta R.T.: 0.007 min  
Response: 48583134  
Conc: 44.43 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
ICVPD093019

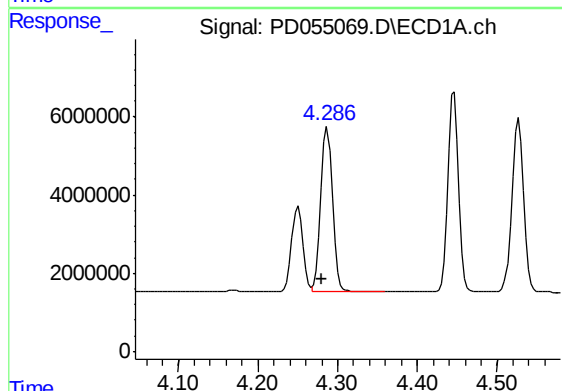
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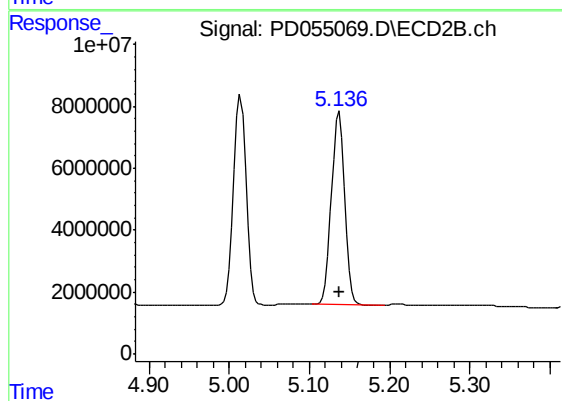
#3 gamma-BHC (Lindane)

R.T.: 4.630 min  
Delta R.T.: 0.000 min  
Response: 73717259  
Conc: 46.20 ng/ml



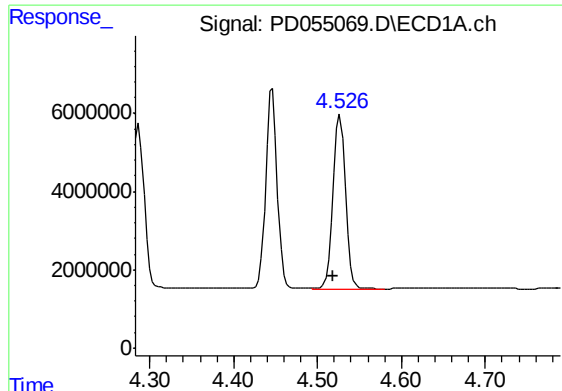
#4 Heptachlor

R.T.: 4.287 min  
Delta R.T.: 0.008 min  
Response: 41840764  
Conc: 43.70 ng/ml



#4 Heptachlor

R.T.: 5.137 min  
Delta R.T.: 0.000 min  
Response: 70595006  
Conc: 45.58 ng/ml



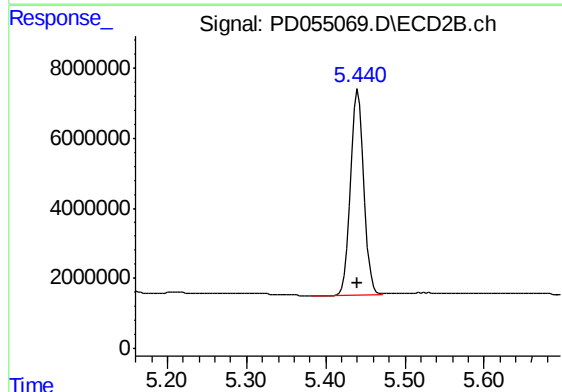
#5 Aldrin

R.T.: 4.527 min  
Delta R.T.: 0.008 min  
Response: 46539561  
Conc: 46.34 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
ICVPD093019

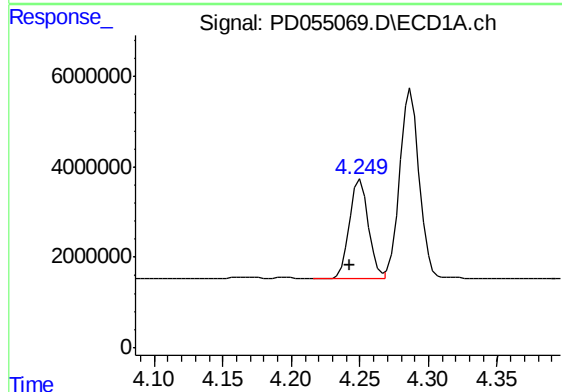
Manual Integrations  
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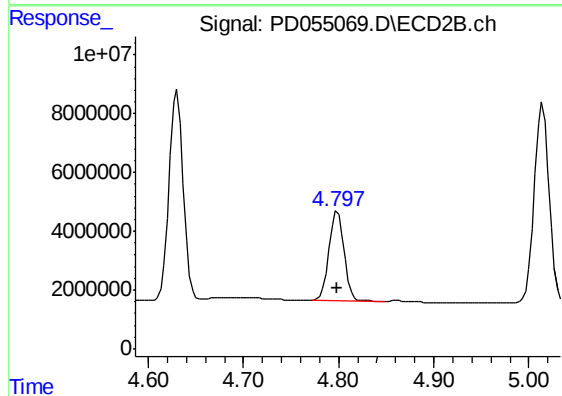
#5 Aldrin

R.T.: 5.441 min  
Delta R.T.: 0.000 min  
Response: 69272114  
Conc: 46.55 ng/ml



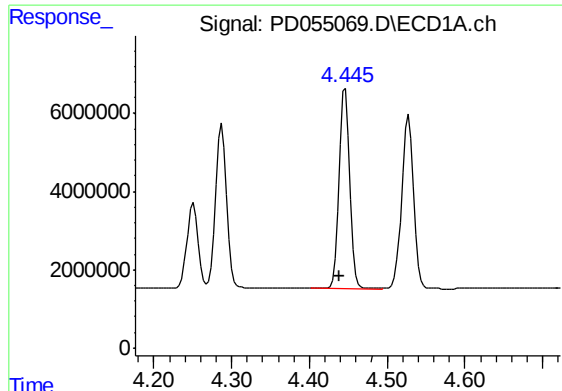
#6 beta-BHC

R.T.: 4.250 min  
Delta R.T.: 0.008 min  
Response: 20692421  
Conc: 44.62 ng/ml



#6 beta-BHC

R.T.: 4.799 min  
Delta R.T.: 0.000 min  
Response: 33165998  
Conc: 45.66 ng/ml



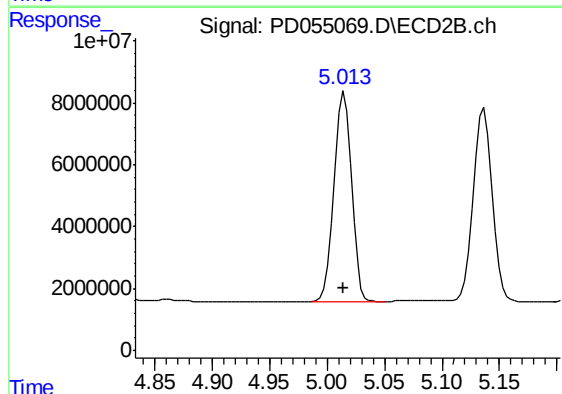
#7 delta-BHC

R.T.: 4.446 min  
Delta R.T.: 0.008 min  
Response: 49422827  
Conc: 45.38 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
ICVPD093019

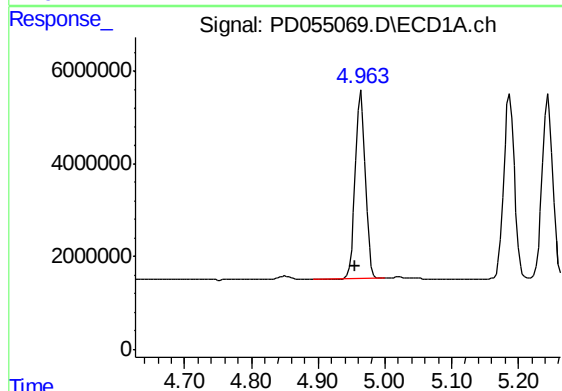
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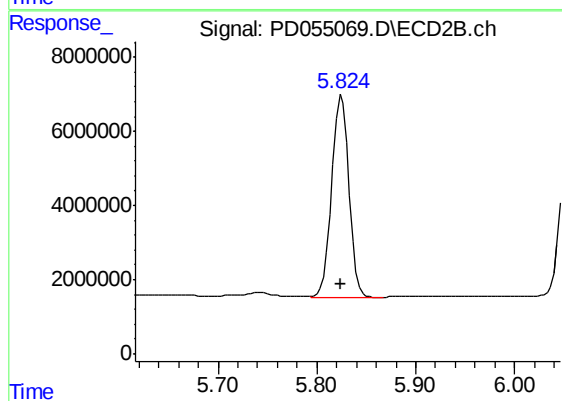
#7 delta-BHC

R.T.: 5.015 min  
Delta R.T.: 0.000 min  
Response: 72712107  
Conc: 54.69 ng/ml



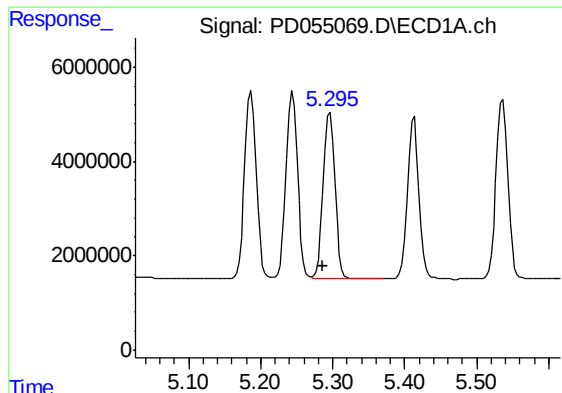
#8 Heptachlor epoxide

R.T.: 4.964 min  
Delta R.T.: 0.008 min  
Response: 42489189  
Conc: 45.20 ng/ml



#8 Heptachlor epoxide

R.T.: 5.825 min  
Delta R.T.: 0.001 min  
Response: 65931806  
Conc: 49.48 ng/ml



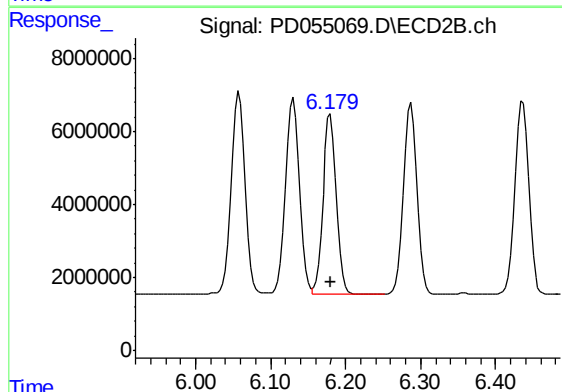
#9 Endosulfan I

R.T.: 5.296 min  
Delta R.T.: 0.009 min  
Response: 39873072  
Conc: 44.97 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
ICVPD093019

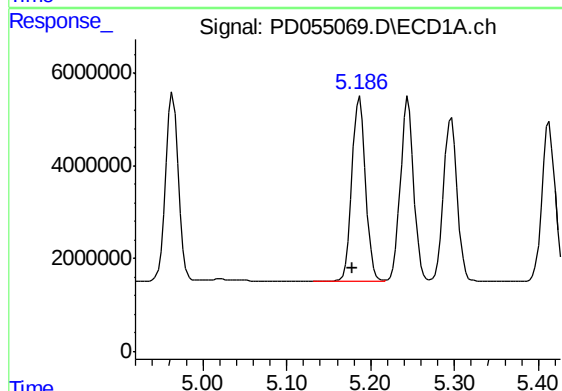
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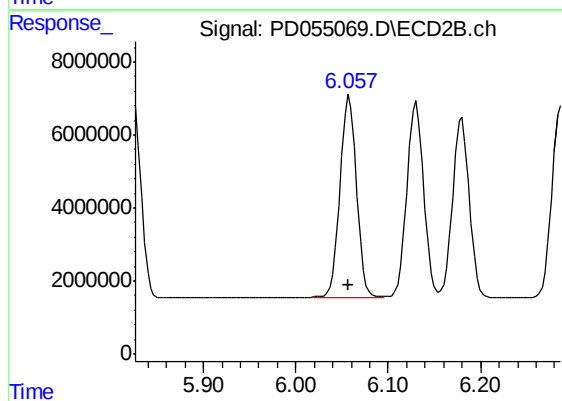
#9 Endosulfan I

R.T.: 6.180 min  
Delta R.T.: 0.000 min  
Response: 62267401  
Conc: 45.56 ng/ml



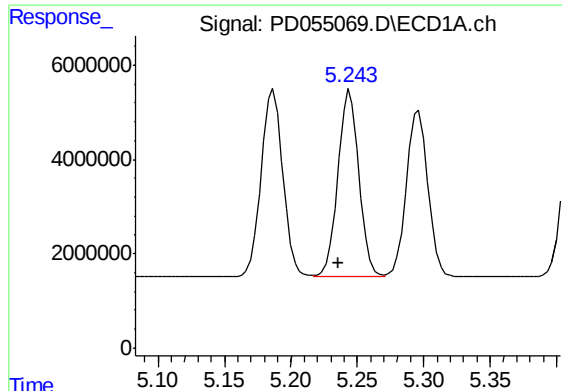
#10 gamma-Chlordane

R.T.: 5.187 min  
Delta R.T.: 0.008 min  
Response: 44514693  
Conc: 45.23 ng/ml



#10 gamma-Chlordane

R.T.: 6.057 min  
Delta R.T.: 0.000 min  
Response: 69282124  
Conc: 45.23 ng/ml m



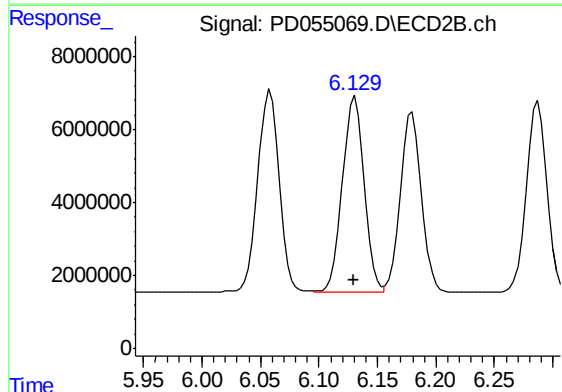
#11 alpha-Chlordane

R.T.: 5.245 min  
Delta R.T.: 0.009 min  
Response: 43906499  
Conc: 45.36 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
ICVPD093019

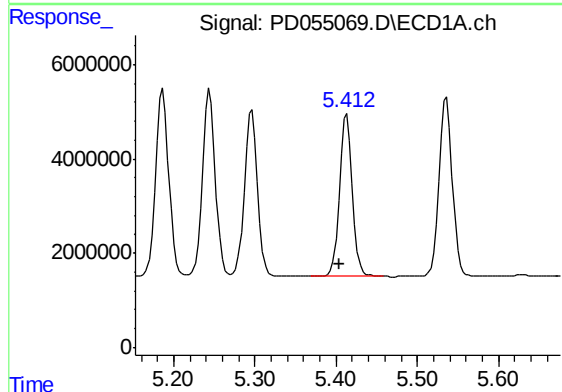
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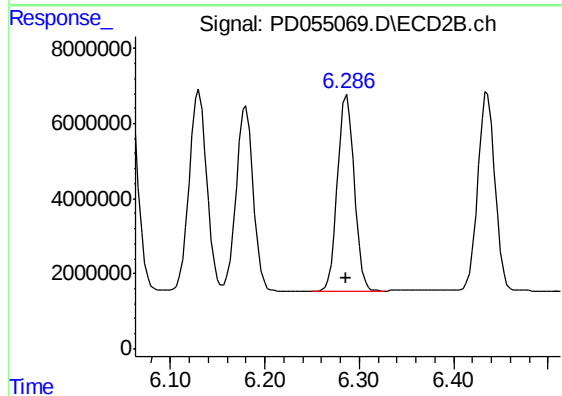
#11 alpha-Chlordane

R.T.: 6.130 min  
Delta R.T.: 0.000 min  
Response: 68604705  
Conc: 45.23 ng/ml



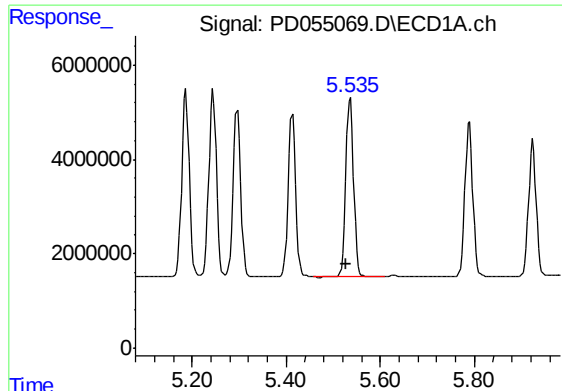
#12 4,4'-DDE

R.T.: 5.413 min  
Delta R.T.: 0.009 min  
Response: 38108566  
Conc: 42.57 ng/ml



#12 4,4'-DDE

R.T.: 6.287 min  
Delta R.T.: 0.000 min  
Response: 64139192  
Conc: 45.90 ng/ml



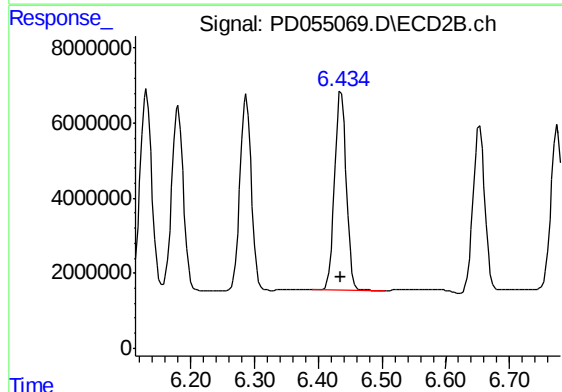
#13 Dieldrin

R.T.: 5.536 min  
Delta R.T.: 0.009 min  
Response: 43316540  
Conc: 44.90 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
ICVPD093019

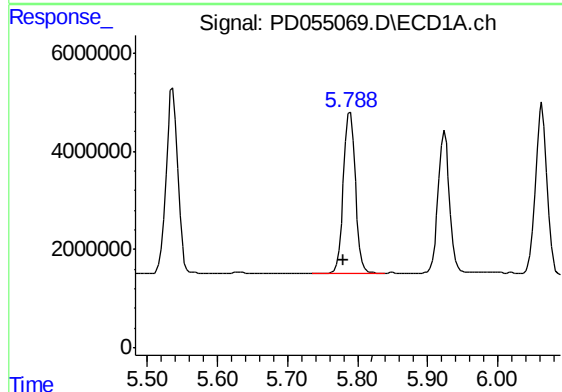
Manual Integrations  
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10/2/2019 11:57:35 AM



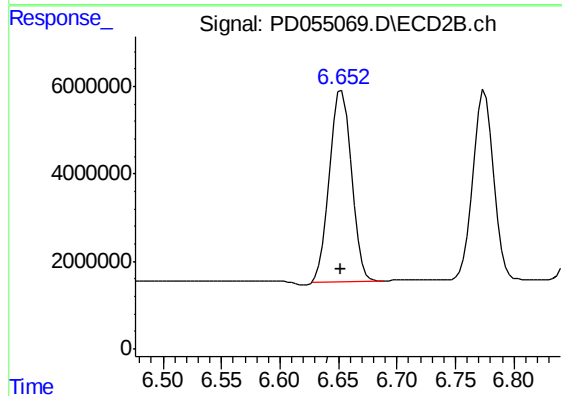
#13 Dieldrin

R.T.: 6.436 min  
Delta R.T.: 0.000 min  
Response: 67708884  
Conc: 46.06 ng/ml



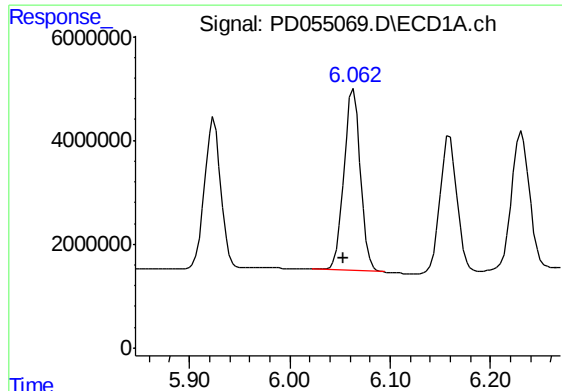
#14 Endrin

R.T.: 5.789 min  
Delta R.T.: 0.009 min  
Response: 38884023  
Conc: 44.01 ng/ml



#14 Endrin

R.T.: 6.652 min  
Delta R.T.: 0.000 min  
Response: 55976185  
Conc: 44.43 ng/ml m



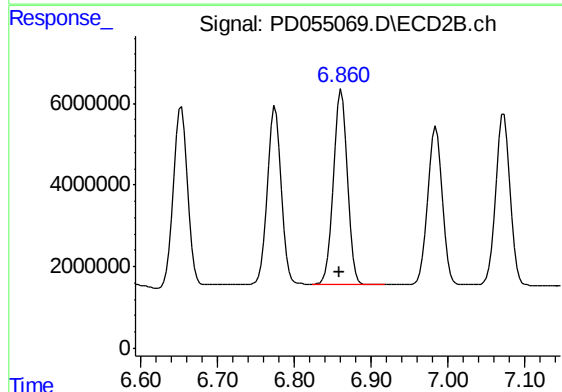
#15 Endosulfan II

R.T.: 6.063 min  
Delta R.T.: 0.010 min  
Response: 39423094  
Conc: 44.66 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
ICVPD093019

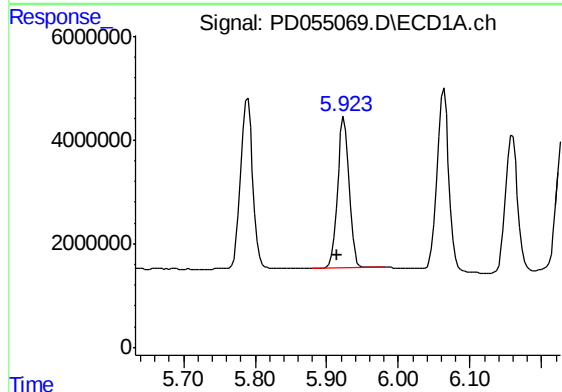
Manual Integrations  
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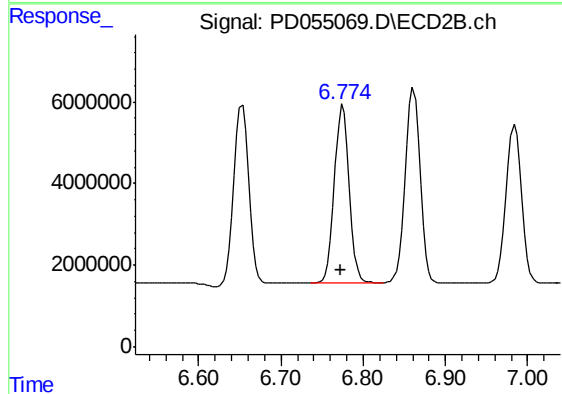
#15 Endosulfan II

R.T.: 6.860 min  
Delta R.T.: 0.000 min  
Response: 60780321  
Conc: 45.04 ng/ml m



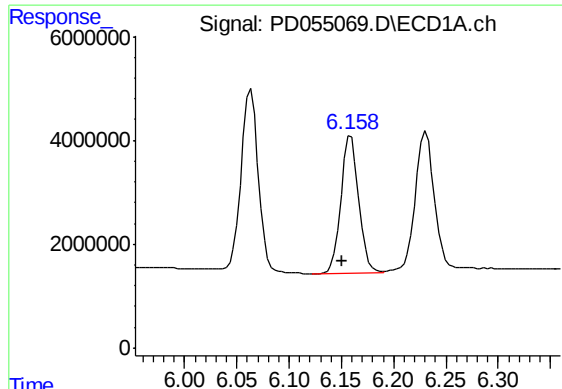
#16 4,4'-DDD

R.T.: 5.925 min  
Delta R.T.: 0.010 min  
Response: 32885602  
Conc: 44.63 ng/ml



#16 4,4'-DDD

R.T.: 6.774 min  
Delta R.T.: 0.000 min  
Response: 54739792  
Conc: 45.38 ng/ml m



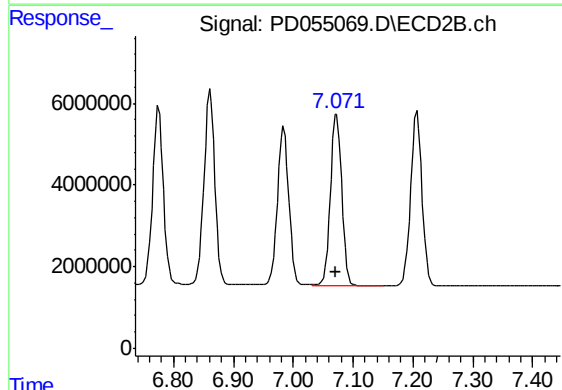
#17 4,4'-DDT

R.T.: 6.159 min  
Delta R.T.: 0.009 min  
Response: 31635180  
Conc: 47.66 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
ICVPD093019

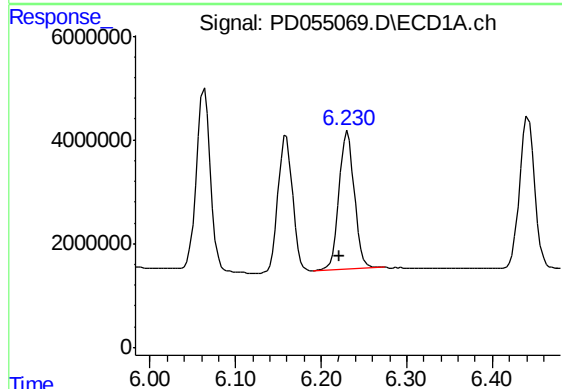
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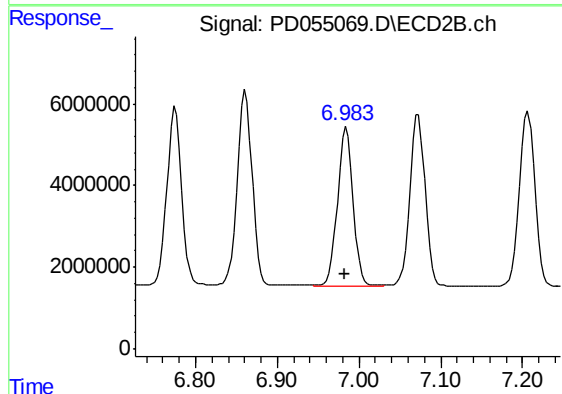
#17 4,4'-DDT

R.T.: 7.073 min  
Delta R.T.: 0.001 min  
Response: 55389252  
Conc: 46.47 ng/ml



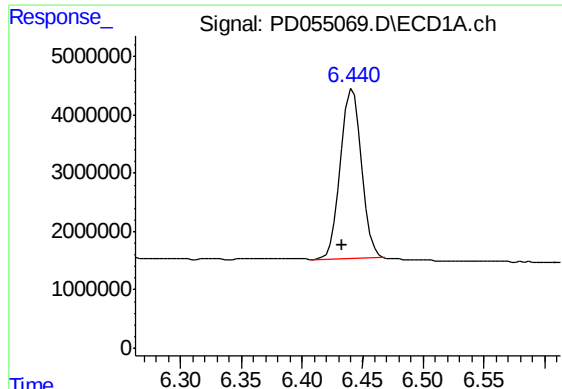
#18 Endrin aldehyde

R.T.: 6.230 min  
Delta R.T.: 0.008 min  
Response: 32840529  
Conc: 43.65 ng/ml m



#18 Endrin aldehyde

R.T.: 6.985 min  
Delta R.T.: 0.002 min  
Response: 52568781  
Conc: 45.86 ng/ml



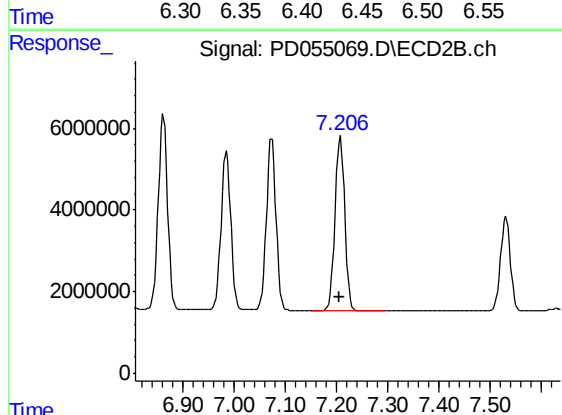
#19 Endosulfan Sulfate

R.T.: 6.442 min  
Delta R.T.: 0.009 min  
Response: 35064758  
Conc: 43.31 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
ICVPD093019

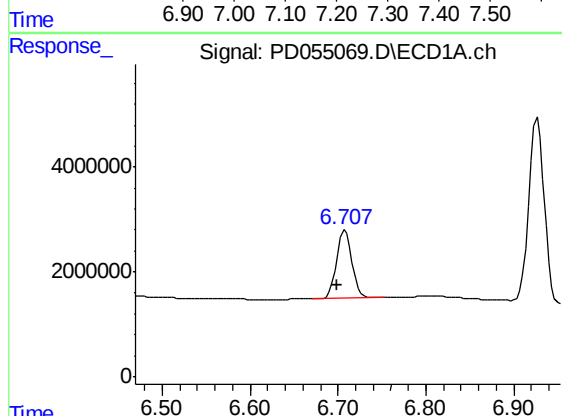
Manual Integrations  
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10/2/2019 11:57:35 AM



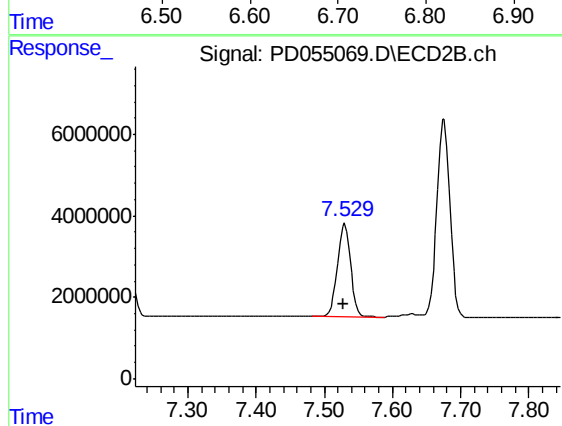
#19 Endosulfan Sulfate

R.T.: 7.207 min  
Delta R.T.: 0.002 min  
Response: 56670384  
Conc: 44.65 ng/ml



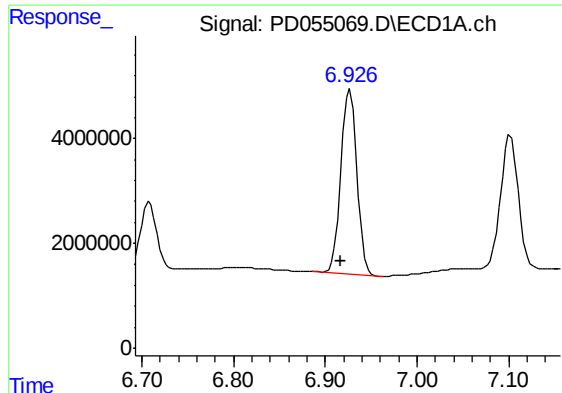
#20 Methoxychlor

R.T.: 6.708 min  
Delta R.T.: 0.010 min  
Response: 15822547  
Conc: 44.36 ng/ml



#20 Methoxychlor

R.T.: 7.531 min  
Delta R.T.: 0.002 min  
Response: 31102949  
Conc: 45.25 ng/ml



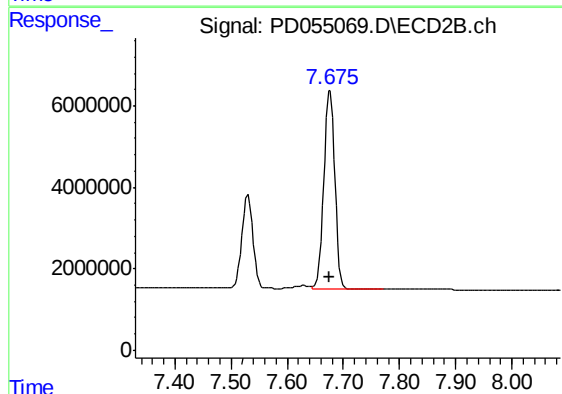
#21 Endrin ketone

R.T.: 6.927 min  
Delta R.T.: 0.010 min  
Response: 42987359  
Conc: 45.30 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
ICVPD093019

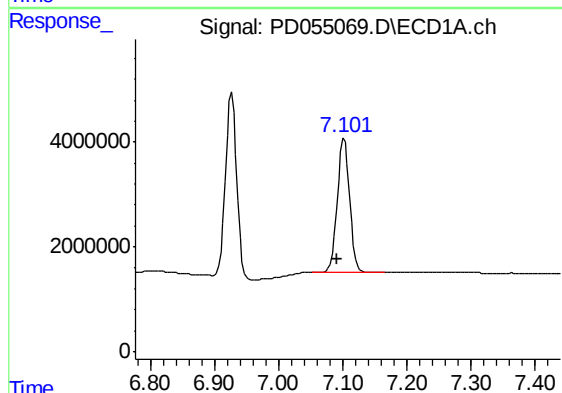
Manual Integrations  
APPROVED

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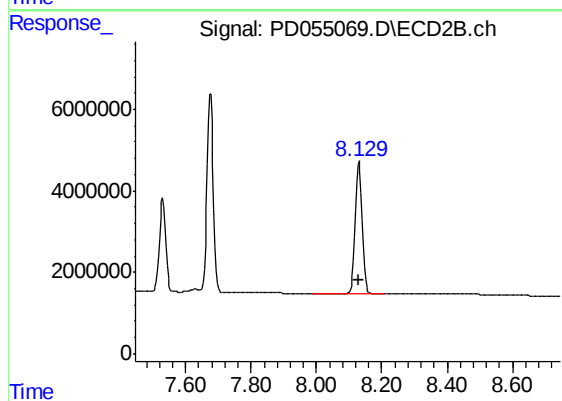
#21 Endrin ketone

R.T.: 7.676 min  
Delta R.T.: 0.002 min  
Response: 65648150  
Conc: 45.53 ng/ml



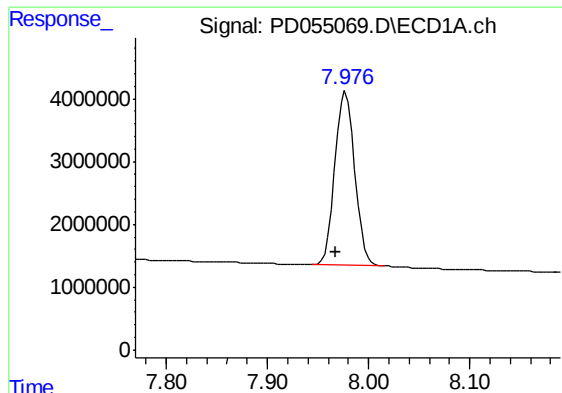
#22 Mirex

R.T.: 7.102 min  
Delta R.T.: 0.010 min  
Response: 34335605  
Conc: 44.01 ng/ml



#22 Mirex

R.T.: 8.130 min  
Delta R.T.: 0.002 min  
Response: 47814282  
Conc: 44.32 ng/ml



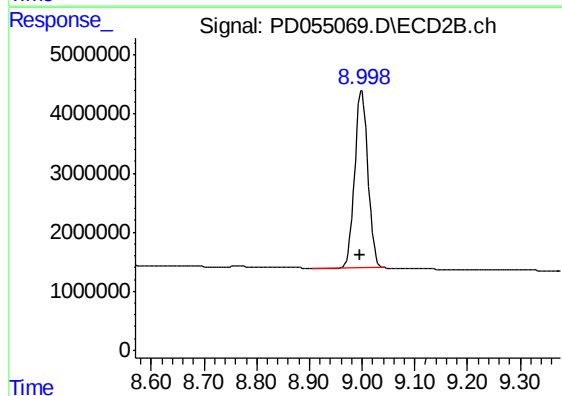
#28 Decachlorobiphenyl

R.T.: 7.978 min  
Delta R.T.: 0.010 min  
Response: 37461867  
Conc: 43.43 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
ICVPD093019

Manual Integrations  
APPROVED

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#28 Decachlorobiphenyl

R.T.: 8.999 min  
Delta R.T.: 0.003 min  
Response: 53079661  
Conc: 43.58 ng/ml