

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD071919\  
 Data File : PD054010.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 18 Jul 2019 23:58  
 Operator : SM\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PSTDCCC050

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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 19 05:13:18 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD071919.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jul 19 04:33:23 2019  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml  |
|-----------------------------|-----------------|-------|-------|----------|----------|---------|--------|
| -----                       |                 |       |       |          |          |         |        |
| System Monitoring Compounds |                 |       |       |          |          |         |        |
| 1)                          | SA Tetrachlo... | 3.312 | 3.982 | 28284780 | 43685384 | 49.145  | 50.149 |
| 28)                         | SA Decachlor... | 8.009 | 9.024 | 33732295 | 47086250 | 50.109  | 50.791 |
| Target Compounds            |                 |       |       |          |          |         |        |
| 2)                          | A alpha-BHC     | 3.742 | 4.369 | 43193738 | 64537823 | 49.871  | 51.162 |
| 3)                          | MA gamma-BHC... | 4.019 | 4.652 | 40720670 | 62263076 | 49.641  | 50.764 |
| 4)                          | MA Heptachlor   | 4.307 | 5.160 | 37279226 | 63283870 | 51.157  | 50.518 |
| 5)                          | MB Aldrin       | 4.548 | 5.464 | 40093735 | 62221605 | 50.453  | 50.605 |
| 6)                          | B beta-BHC      | 4.268 | 4.819 | 17593140 | 28343072 | 49.949  | 50.622 |
| 7)                          | B delta-BHC     | 4.466 | 5.035 | 42211514 | 65665028 | 50.346  | 50.730 |
| 8)                          | B Heptachlor... | 4.986 | 5.847 | 38167306 | 60947405 | 50.311  | 50.401 |
| 9)                          | A Endosulfan I  | 5.319 | 6.202 | 37337822 | 58546602 | 50.255  | 50.416 |
| 10)                         | B gamma-Chl...  | 5.209 | 6.080 | 40741653 | 64741120 | 50.089  | 49.148 |
| 11)                         | B alpha-Chl...  | 5.267 | 6.153 | 40605800 | 64621647 | 50.122  | 49.769 |
| 12)                         | B 4,4'-DDE      | 5.436 | 6.308 | 39918471 | 63243305 | 50.377  | 51.472 |
| 13)                         | MA Dieldrin     | 5.559 | 6.459 | 41528606 | 64096281 | 51.136  | 51.010 |
| 14)                         | MA Endrin       | 5.813 | 6.675 | 38456169 | 53477485 | 51.351  | 51.023 |
| 15)                         | B Endosulfa...  | 6.087 | 6.882 | 38157076 | 59135184 | 50.996  | 51.140 |
| 16)                         | A 4,4'-DDD      | 5.947 | 6.796 | 31739462 | 53020618 | 53.032  | 52.481 |
| 17)                         | MA 4,4'-DDT     | 6.182 | 7.094 | 32606941 | 54290079 | 56.620m | 55.109 |
| 18)                         | B Endrin al...  | 6.255 | 7.005 | 31976165 | 50849557 | 50.342  | 51.129 |
| 19)                         | B Endosulfa...  | 6.466 | 7.228 | 36157232 | 56051170 | 51.436  | 51.581 |
| 20)                         | A Methoxychlor  | 6.734 | 7.549 | 15068664 | 28836289 | 52.729  | 53.744 |
| 21)                         | B Endrin ke...  | 6.952 | 7.697 | 43239693 | 64053372 | 53.954m | 52.682 |
| 22)                         | Mirex           | 7.130 | 8.151 | 33726532 | 47824572 | 51.842  | 51.888 |
| -----                       |                 |       |       |          |          |         |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD071919\  
Data File : PD054010.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 18 Jul 2019 23:58  
Operator : SM\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

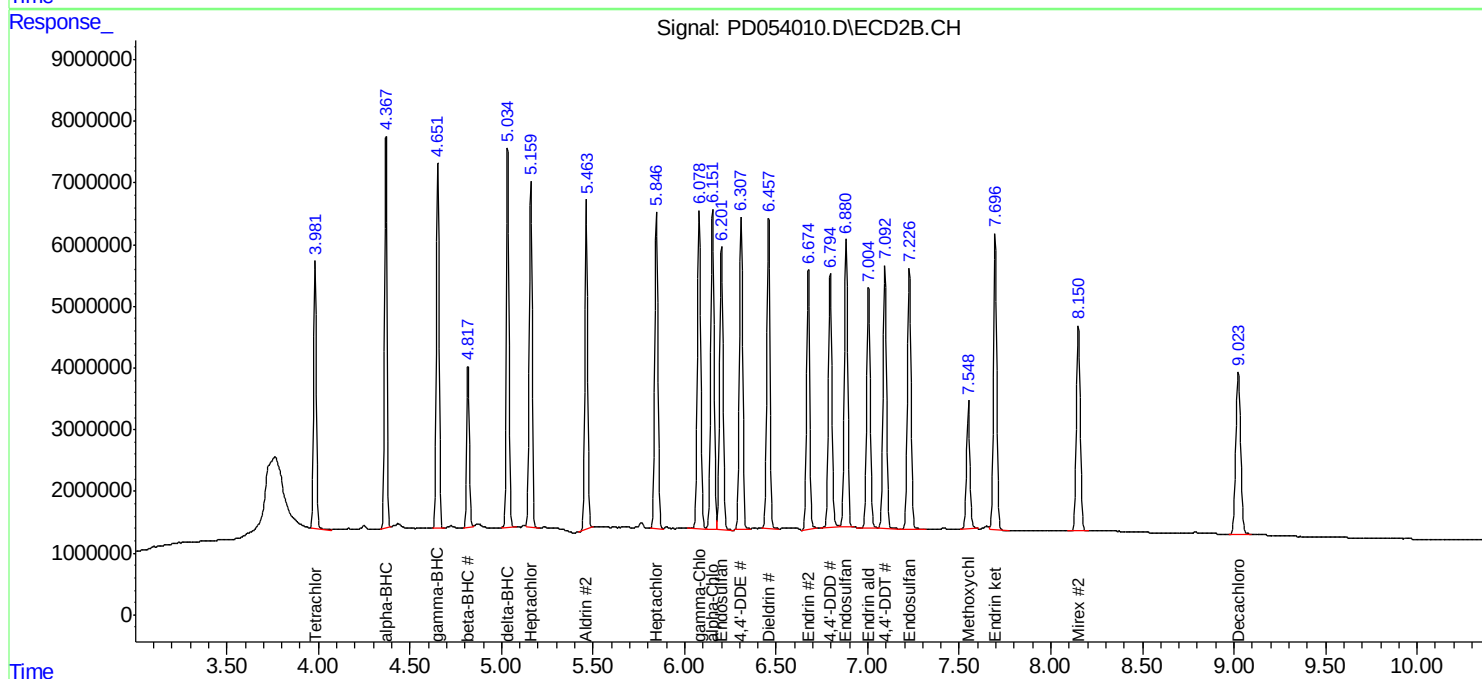
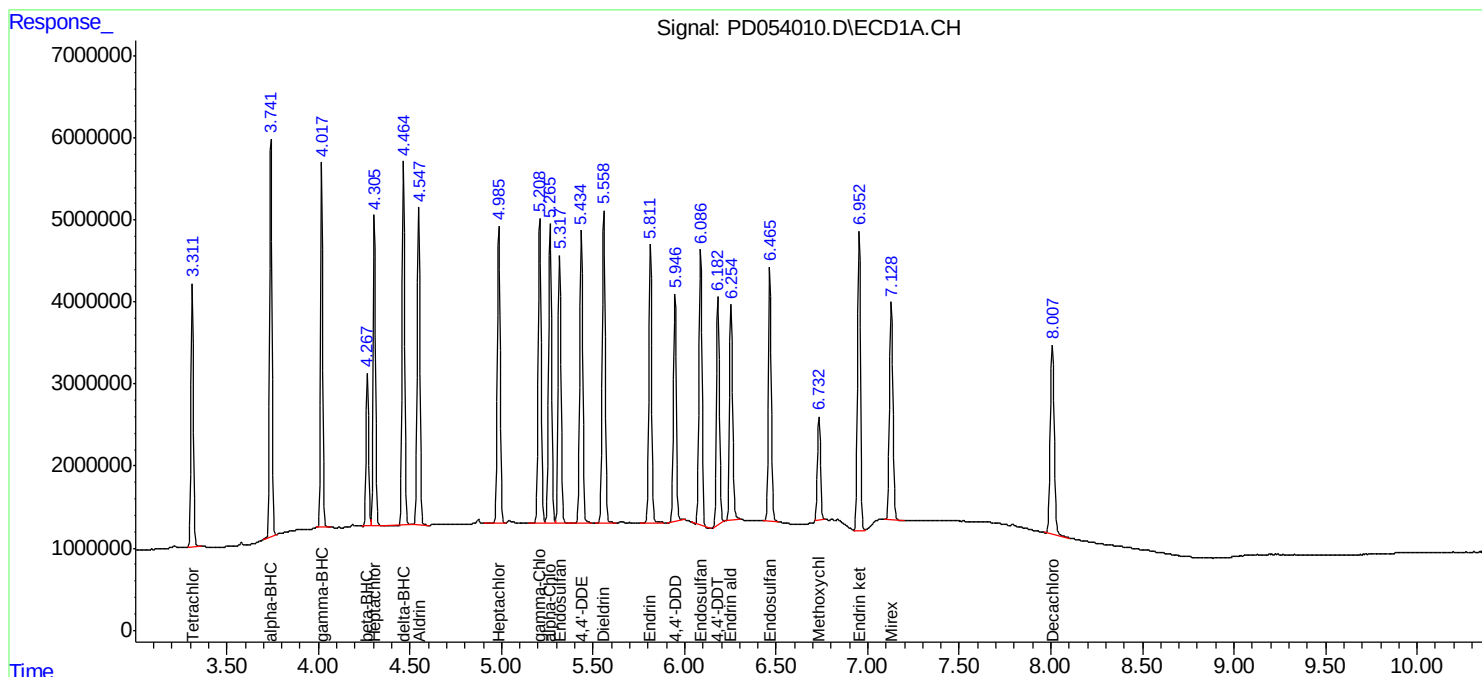
Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

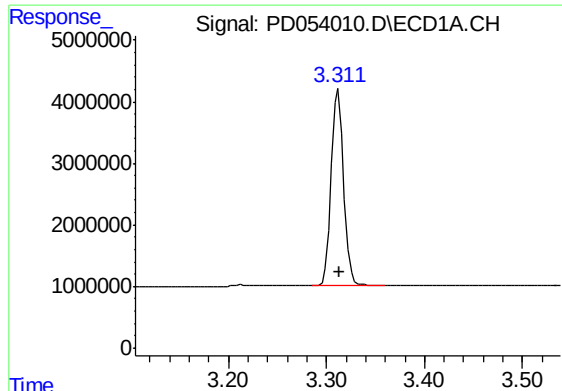
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 19 05:13:18 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD071919.M  
Quant Title : GC Extractables  
QLast Update : Fri Jul 19 04:33:23 2019  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





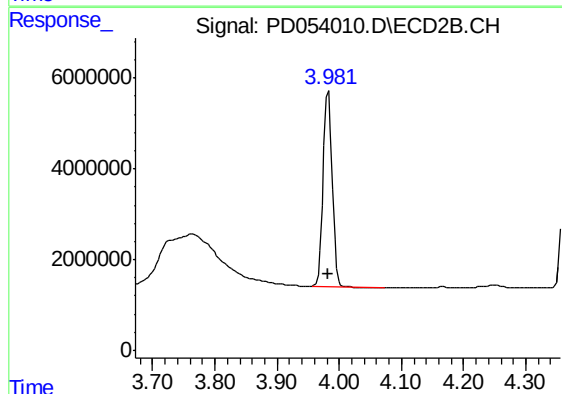
#1 Tetrachloro-m-xylene

R.T.: 3.312 min  
Delta R.T.: 0.000 min  
Response: 28284780  
Conc: 49.14 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

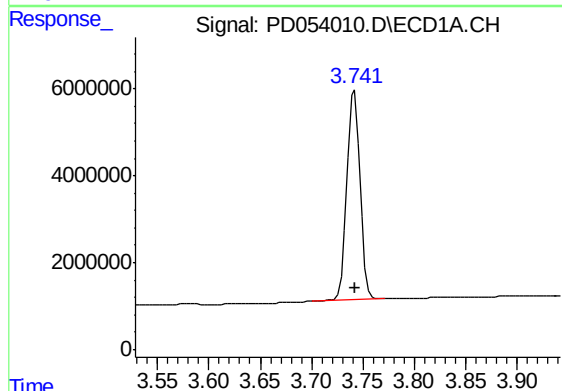
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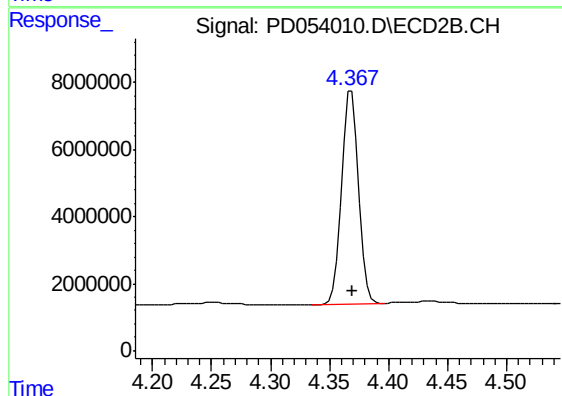
#1 Tetrachloro-m-xylene

R.T.: 3.982 min  
Delta R.T.: 0.000 min  
Response: 43685384  
Conc: 50.15 ng/ml



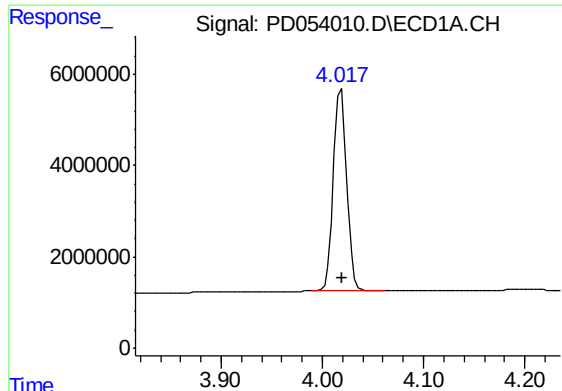
#2 alpha-BHC

R.T.: 3.742 min  
Delta R.T.: 0.000 min  
Response: 43193738  
Conc: 49.87 ng/ml



#2 alpha-BHC

R.T.: 4.369 min  
Delta R.T.: -0.001 min  
Response: 64537823  
Conc: 51.16 ng/ml



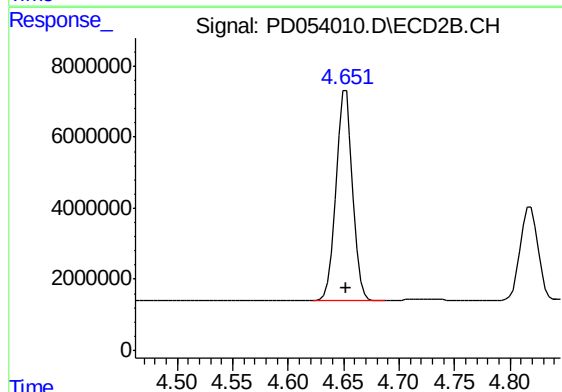
#3 gamma-BHC (Lindane)

R.T.: 4.019 min  
Delta R.T.: 0.000 min  
Response: 40720670  
Conc: 49.64 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

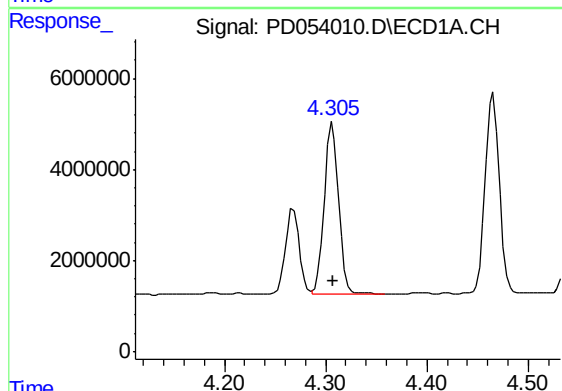
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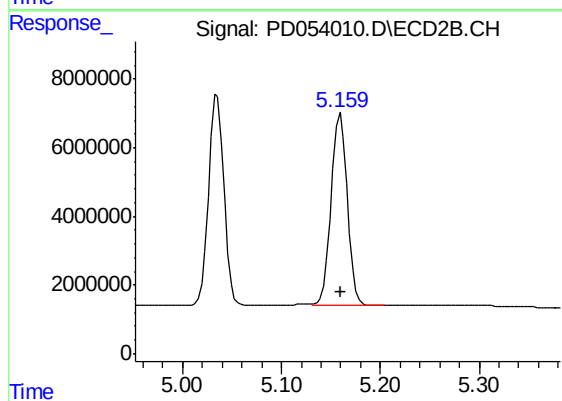
#3 gamma-BHC (Lindane)

R.T.: 4.652 min  
Delta R.T.: 0.000 min  
Response: 62263076  
Conc: 50.76 ng/ml



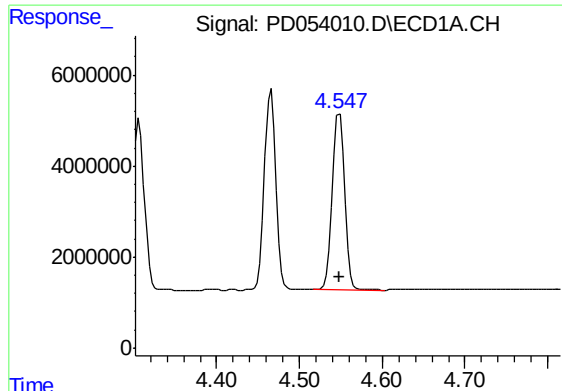
#4 Heptachlor

R.T.: 4.307 min  
Delta R.T.: 0.000 min  
Response: 37279226  
Conc: 51.16 ng/ml



#4 Heptachlor

R.T.: 5.160 min  
Delta R.T.: 0.000 min  
Response: 63283870  
Conc: 50.52 ng/ml



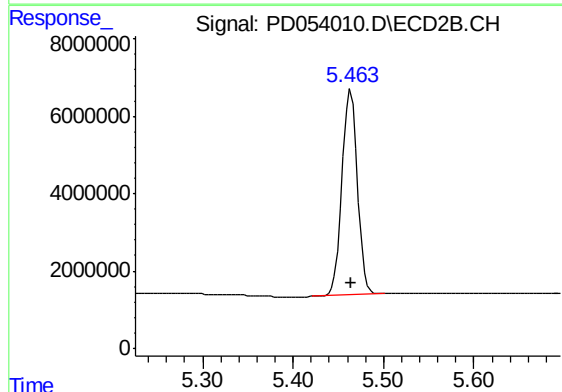
#5 Aldrin

R.T.: 4.548 min  
Delta R.T.: 0.000 min  
Response: 40093735  
Conc: 50.45 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

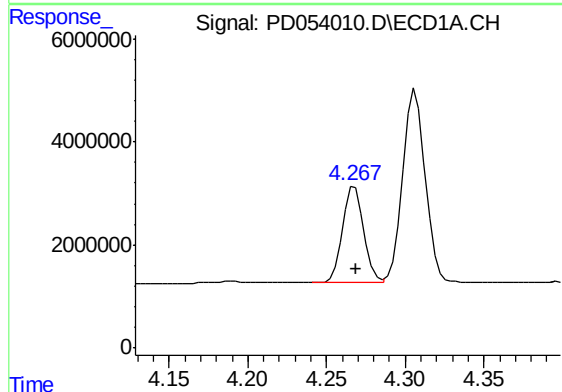
Manual Integrations  
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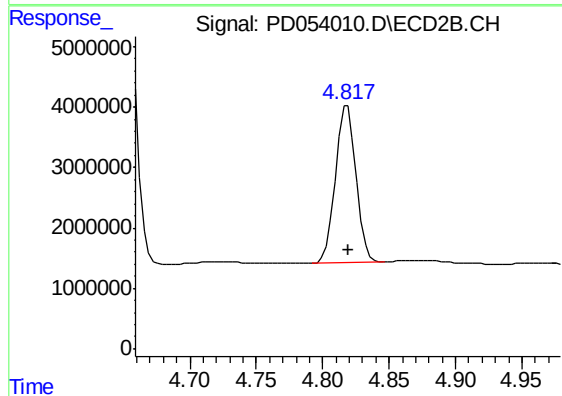
#5 Aldrin

R.T.: 5.464 min  
Delta R.T.: 0.000 min  
Response: 62221605  
Conc: 50.60 ng/ml



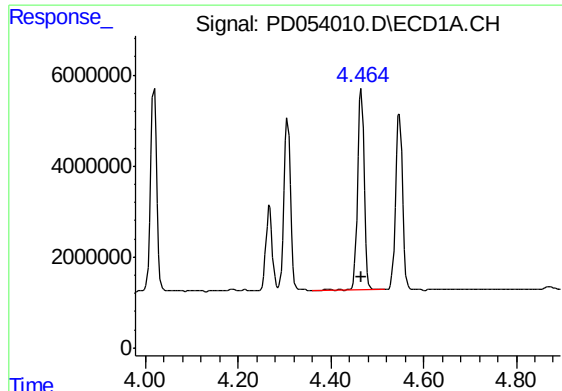
#6 beta-BHC

R.T.: 4.268 min  
Delta R.T.: 0.000 min  
Response: 17593140  
Conc: 49.95 ng/ml



#6 beta-BHC

R.T.: 4.819 min  
Delta R.T.: 0.000 min  
Response: 28343072  
Conc: 50.62 ng/ml



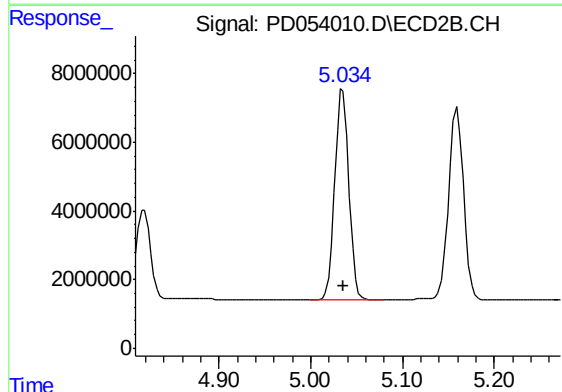
#7 delta-BHC

R.T.: 4.466 min  
Delta R.T.: 0.000 min  
Response: 42211514  
Conc: 50.35 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

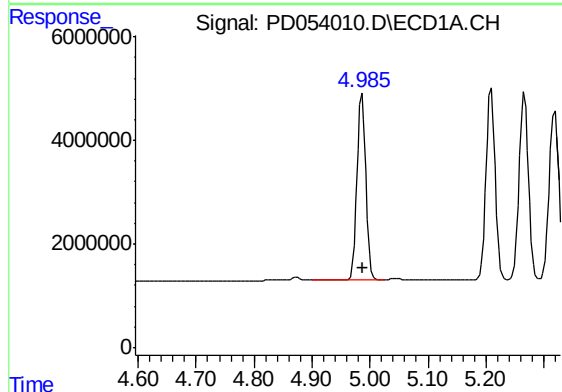
Manual Integrations  
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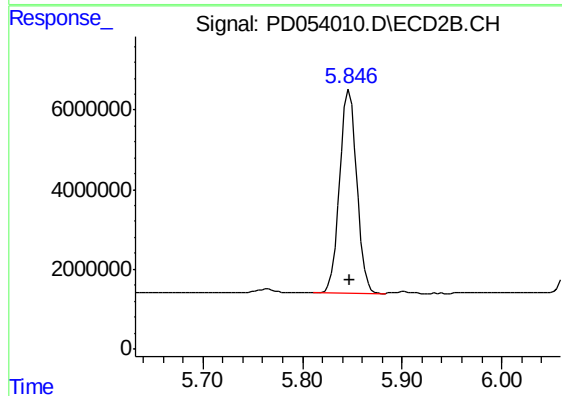
#7 delta-BHC

R.T.: 5.035 min  
Delta R.T.: 0.000 min  
Response: 65665028  
Conc: 50.73 ng/ml



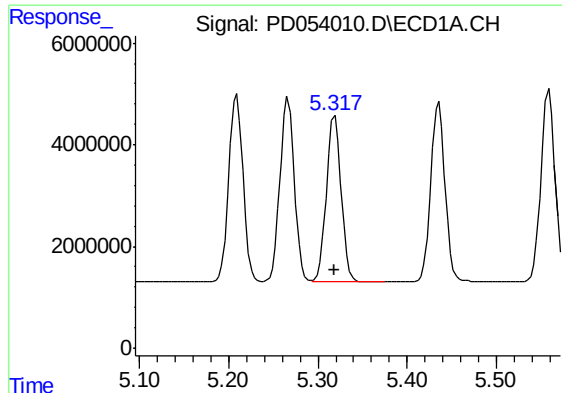
#8 Heptachlor epoxide

R.T.: 4.986 min  
Delta R.T.: 0.000 min  
Response: 38167306  
Conc: 50.31 ng/ml



#8 Heptachlor epoxide

R.T.: 5.847 min  
Delta R.T.: -0.001 min  
Response: 60947405  
Conc: 50.40 ng/ml



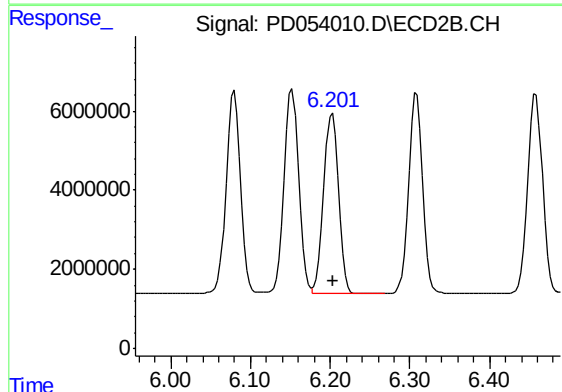
#9 Endosulfan I

R.T.: 5.319 min  
Delta R.T.: 0.000 min  
Response: 37337822  
Conc: 50.25 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

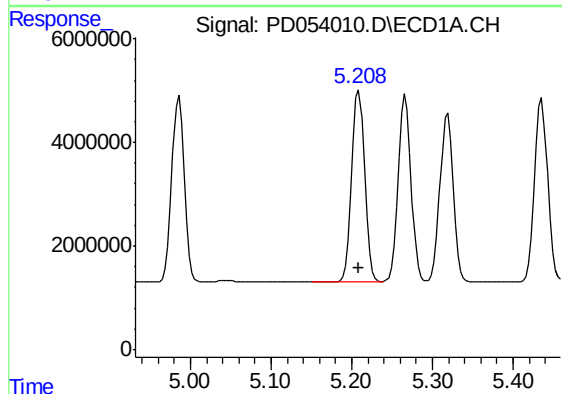
Manual Integrations  
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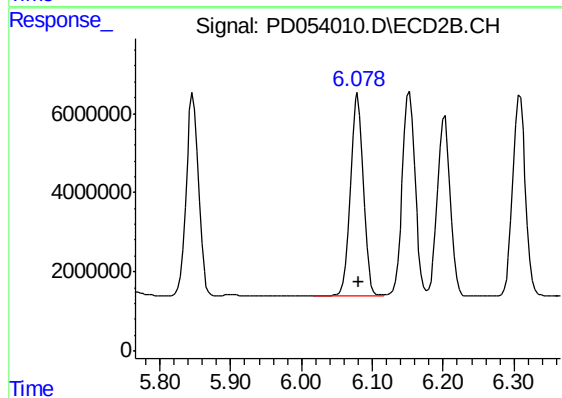
#9 Endosulfan I

R.T.: 6.202 min  
Delta R.T.: 0.000 min  
Response: 58546602  
Conc: 50.42 ng/ml



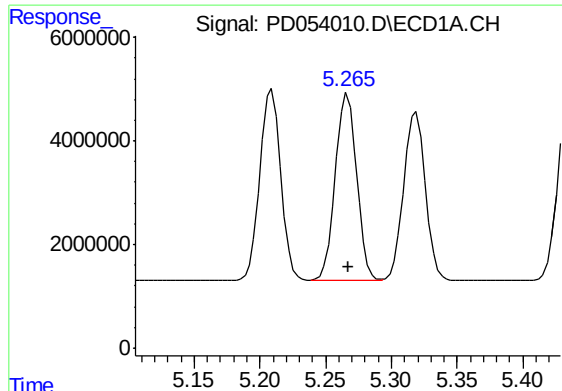
#10 gamma-Chlordane

R.T.: 5.209 min  
Delta R.T.: 0.000 min  
Response: 40741653  
Conc: 50.09 ng/ml



#10 gamma-Chlordane

R.T.: 6.080 min  
Delta R.T.: -0.001 min  
Response: 64741120  
Conc: 49.15 ng/ml



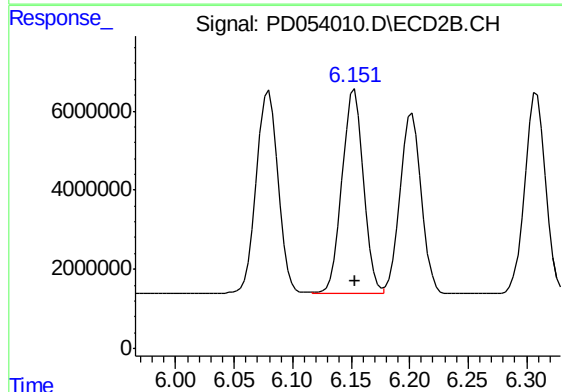
#11 alpha-Chlordane

R.T.: 5.267 min  
Delta R.T.: 0.000 min  
Response: 40605800  
Conc: 50.12 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

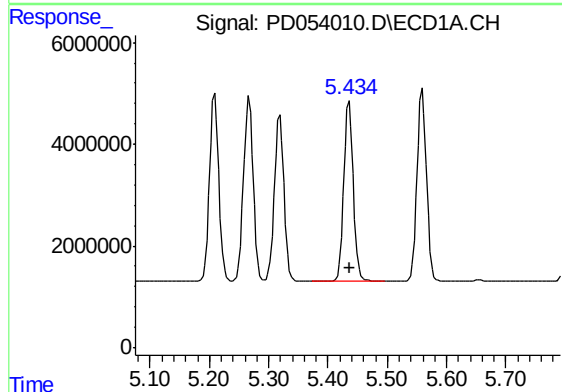
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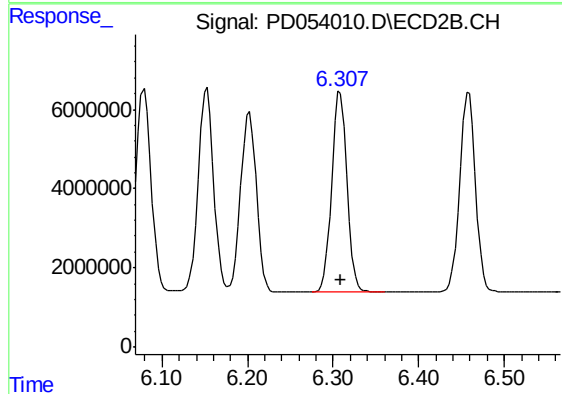
#11 alpha-Chlordane

R.T.: 6.153 min  
Delta R.T.: 0.000 min  
Response: 64621647  
Conc: 49.77 ng/ml



#12 4,4'-DDE

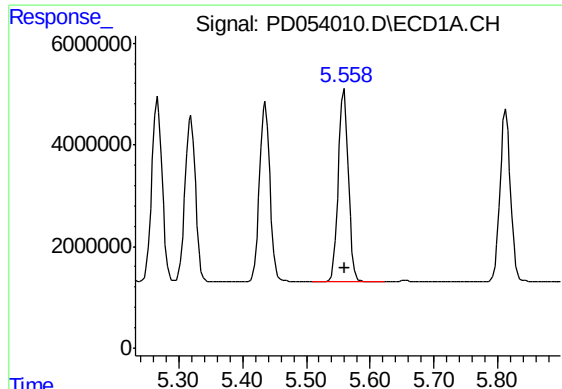
R.T.: 5.436 min  
Delta R.T.: 0.000 min  
Response: 39918471  
Conc: 50.38 ng/ml



#12 4,4'-DDE

R.T.: 6.308 min  
Delta R.T.: 0.000 min  
Response: 63243305  
Conc: 51.47 ng/ml





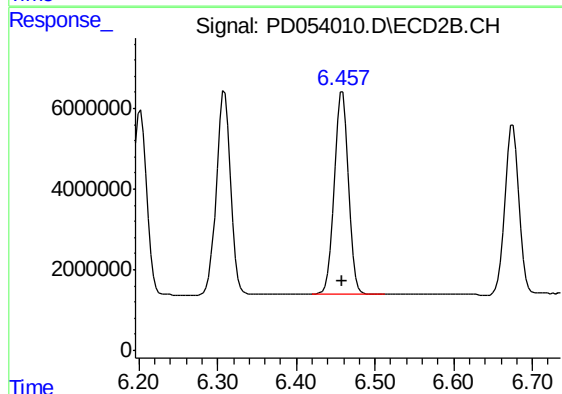
#13 Dieldrin

R.T.: 5.559 min  
Delta R.T.: 0.000 min  
Response: 41528606  
Conc: 51.14 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

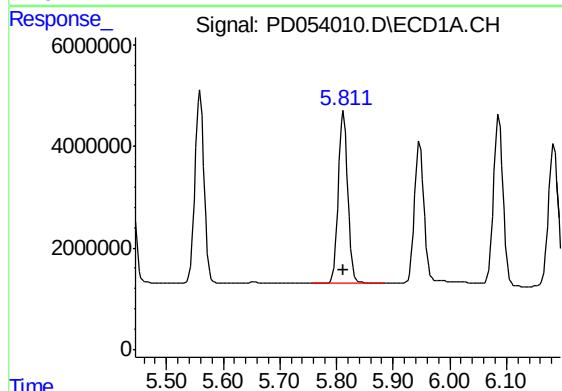
Manual Integrations  
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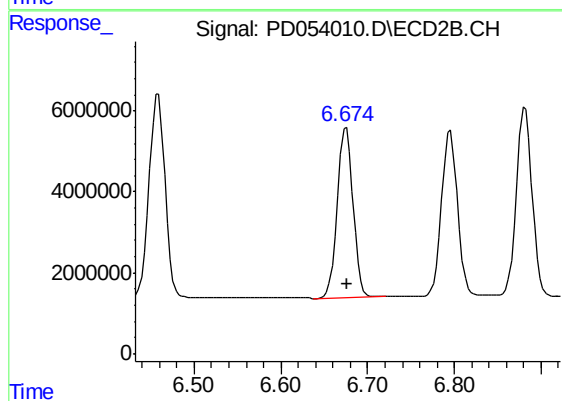
#13 Dieldrin

R.T.: 6.459 min  
Delta R.T.: 0.000 min  
Response: 64096281  
Conc: 51.01 ng/ml



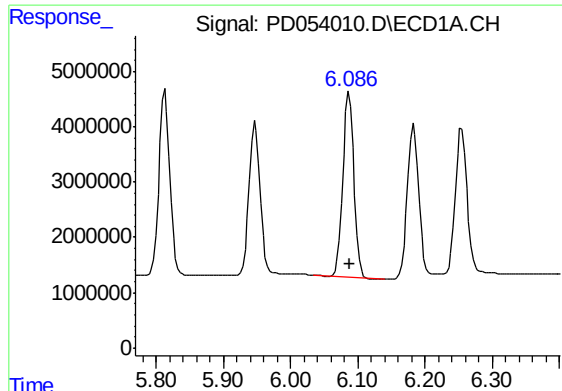
#14 Endrin

R.T.: 5.813 min  
Delta R.T.: 0.000 min  
Response: 38456169  
Conc: 51.35 ng/ml



#14 Endrin

R.T.: 6.675 min  
Delta R.T.: 0.000 min  
Response: 53477485  
Conc: 51.02 ng/ml



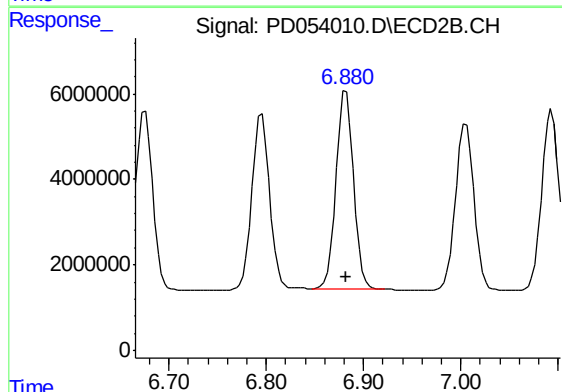
#15 Endosulfan II

R.T.: 6.087 min  
Delta R.T.: 0.000 min  
Response: 38157076  
Conc: 51.00 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

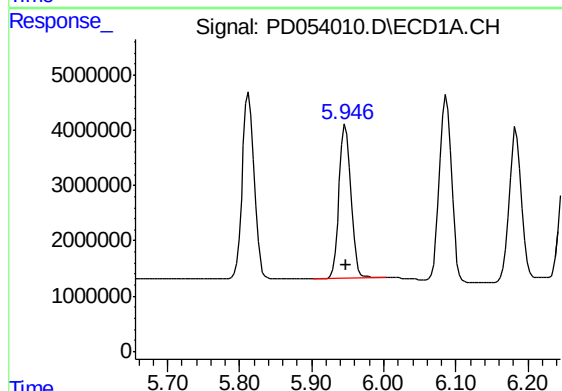
Manual Integrations  
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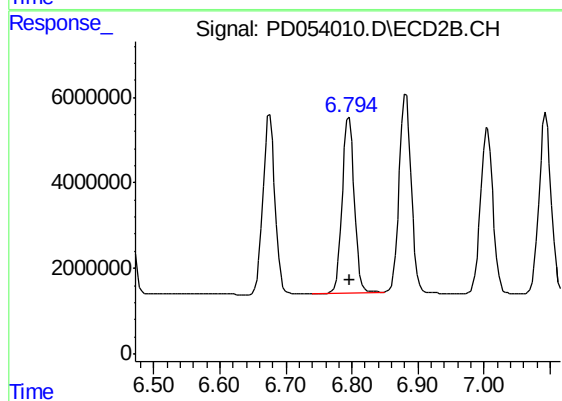
#15 Endosulfan II

R.T.: 6.882 min  
Delta R.T.: 0.000 min  
Response: 59135184  
Conc: 51.14 ng/ml



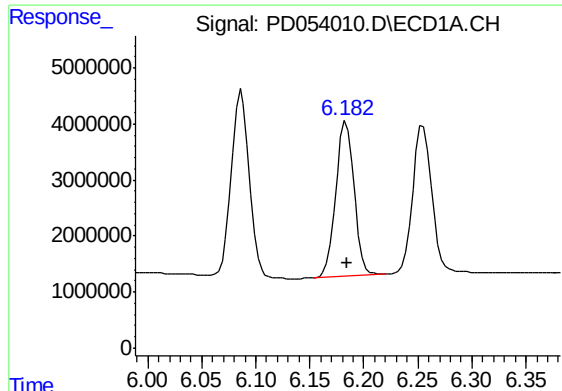
#16 4,4'-DDD

R.T.: 5.947 min  
Delta R.T.: 0.000 min  
Response: 31739462  
Conc: 53.03 ng/ml



#16 4,4'-DDD

R.T.: 6.796 min  
Delta R.T.: 0.000 min  
Response: 53020618  
Conc: 52.48 ng/ml



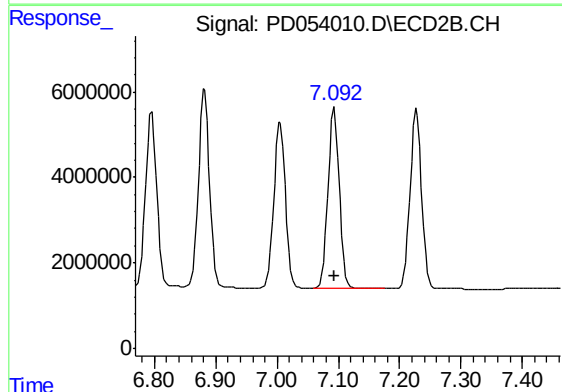
#17 4,4'-DDT

R.T.: 6.182 min  
Delta R.T.: -0.002 min  
Response: 32606941  
Conc: 56.62 ng/ml m

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

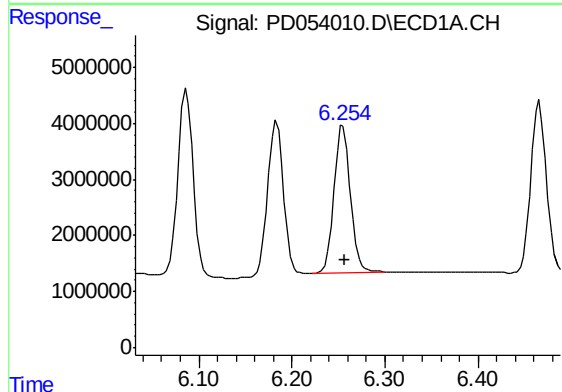
Manual Integrations  
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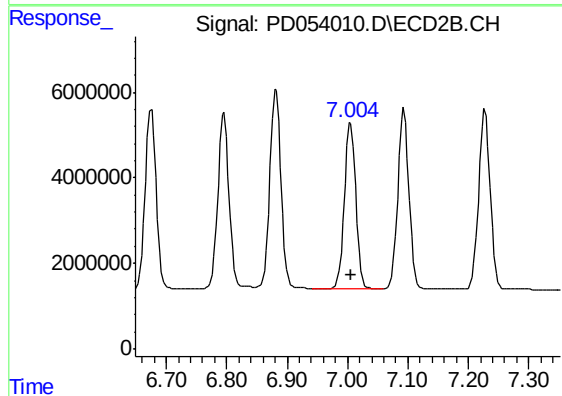
#17 4,4'-DDT

R.T.: 7.094 min  
Delta R.T.: -0.001 min  
Response: 54290079  
Conc: 55.11 ng/ml



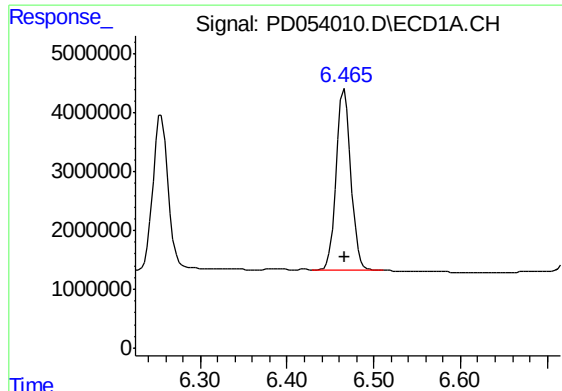
#18 Endrin aldehyde

R.T.: 6.255 min  
Delta R.T.: -0.001 min  
Response: 31976165  
Conc: 50.34 ng/ml



#18 Endrin aldehyde

R.T.: 7.005 min  
Delta R.T.: -0.001 min  
Response: 50849557  
Conc: 51.13 ng/ml



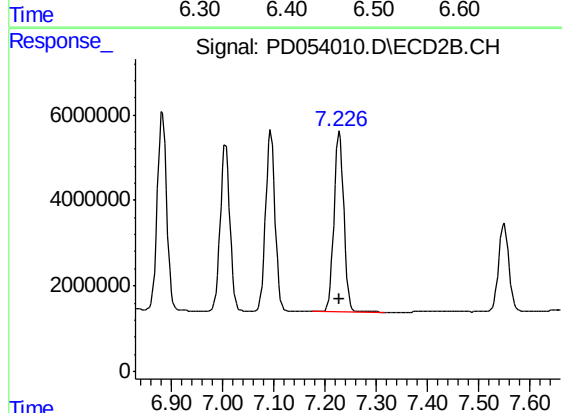
#19 Endosulfan Sulfate

R.T.: 6.466 min  
Delta R.T.: 0.000 min  
Response: 36157232  
Conc: 51.44 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

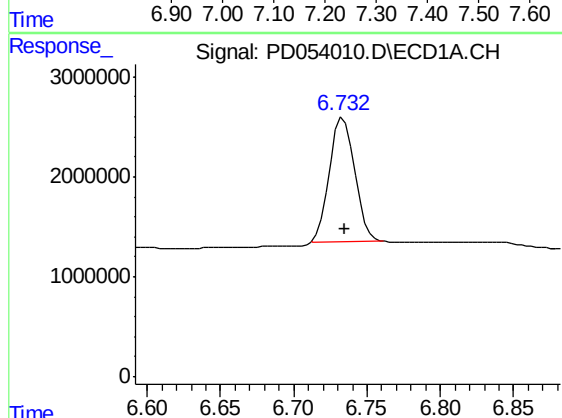
Manual Integrations  
APPROVED

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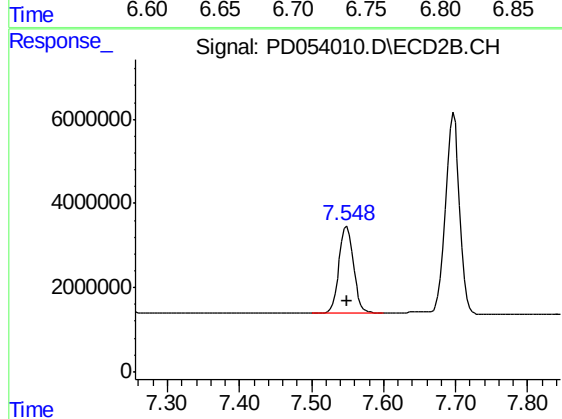
#19 Endosulfan Sulfate

R.T.: 7.228 min  
Delta R.T.: 0.000 min  
Response: 56051170  
Conc: 51.58 ng/ml



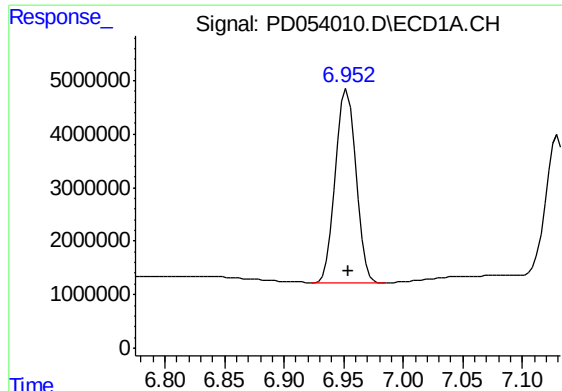
#20 Methoxychlor

R.T.: 6.734 min  
Delta R.T.: 0.000 min  
Response: 15068664  
Conc: 52.73 ng/ml



#20 Methoxychlor

R.T.: 7.549 min  
Delta R.T.: 0.000 min  
Response: 28836289  
Conc: 53.74 ng/ml



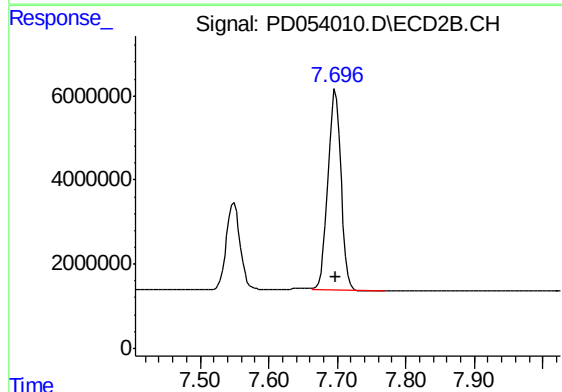
#21 Endrin ketone

R.T.: 6.952 min  
Delta R.T.: -0.002 min  
Response: 43239693  
Conc: 53.95 ng/ml m

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

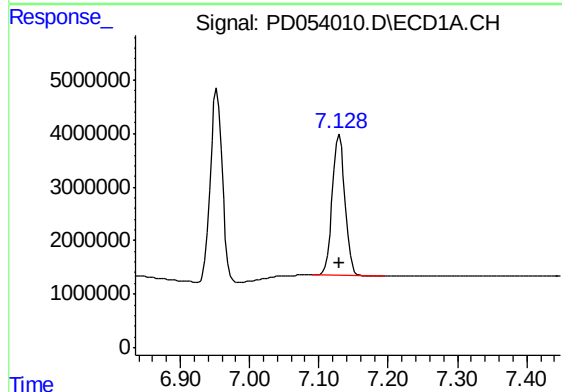
Manual Integrations  
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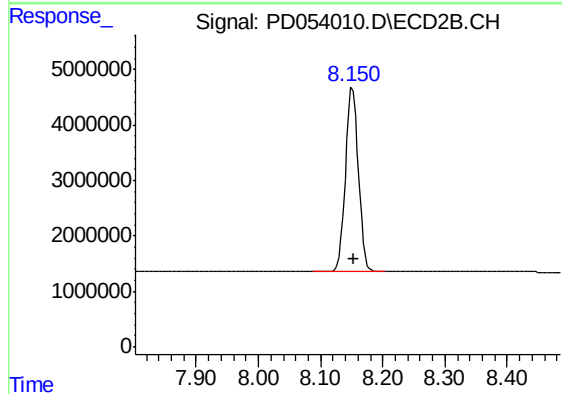
#21 Endrin ketone

R.T.: 7.697 min  
Delta R.T.: 0.000 min  
Response: 64053372  
Conc: 52.68 ng/ml



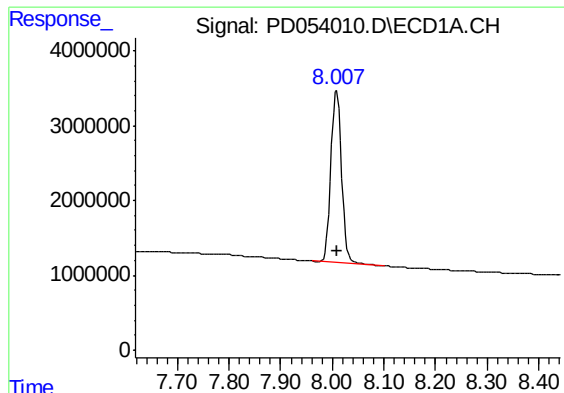
#22 Mirex

R.T.: 7.130 min  
Delta R.T.: 0.000 min  
Response: 33726532  
Conc: 51.84 ng/ml



#22 Mirex

R.T.: 8.151 min  
Delta R.T.: -0.001 min  
Response: 47824572  
Conc: 51.89 ng/ml



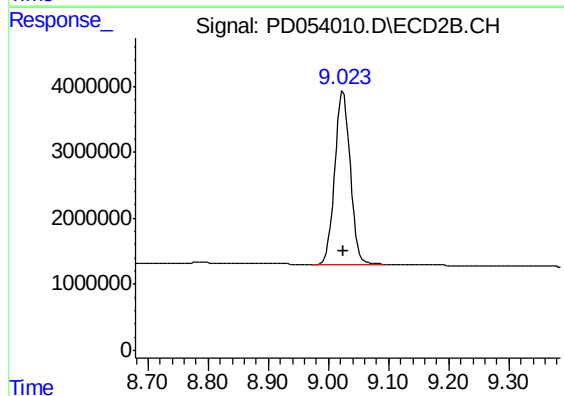
#28 Decachlorobiphenyl

R.T.: 8.009 min  
Delta R.T.: 0.000 min  
Response: 33732295  
Conc: 50.11 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
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#28 Decachlorobiphenyl

R.T.: 9.024 min  
Delta R.T.: 0.000 min  
Response: 47086250  
Conc: 50.79 ng/ml