

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL090320\  
 Data File : PL061226.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Sep 2020 15:17  
 Operator : DD\AJ  
 Sample : L3888-02MSD  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 9-2-TP-1MSD

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 03 16:26:54 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL082520.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 25 16:59:57 2020  
 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... | 3.460 | 4.008 | 38026797 | 58073739 | 20.606  | 22.344   |
| 2)                          | SA Decachlor... | 8.213 | 9.095 | 94202780 | 31314641 | 55.920m | 14.841m# |
| Target Compounds            |                 |       |       |          |          |         |          |
| 2)                          | A alpha-BHC     | 3.896 | 4.398 | 129.6E6  | 183.2E6  | 45.828  | 45.105   |
| 3)                          | MA gamma-BHC... | 4.179 | 4.684 | 118.1E6  | 167.1E6  | 46.266  | 44.424   |
| 4)                          | MA Heptachlor   | 4.481 | 5.194 | 110.6E6  | 153.7E6  | 47.122  | 42.018   |
| 5)                          | MB Aldrin       | 4.729 | 5.501 | 96826995 | 145.2E6  | 46.404  | 43.083   |
| 6)                          | B beta-BHC      | 4.431 | 4.854 | 50103725 | 68708582 | 49.050  | 46.135   |
| 7)                          | B delta-BHC     | 4.634 | 5.072 | 64079921 | 69563533 | 26.968  | 25.325   |
| 8)                          | B Heptachlo...  | 5.172 | 5.888 | 93862226 | 121.8E6  | 47.608  | 46.581   |
| 9)                          | A Endosulfan I  | 5.511 | 6.247 | 83514807 | 118.1E6  | 45.959  | 41.061   |
| 10)                         | B gamma-Chl...  | 5.399 | 6.124 | 91142166 | 128.7E6  | 46.384  | 41.439   |
| 11)                         | B alpha-Chl...  | 5.457 | 6.196 | 90038297 | 128.1E6  | 46.133  | 41.202   |
| 12)                         | B 4,4'-DDE      | 5.623 | 6.354 | 84250408 | 119.2E6  | 45.787  | 41.230   |
| 13)                         | MA Dieldrin     | 5.754 | 6.505 | 89515188 | 118.8E6  | 46.514  | 39.777   |
| 14)                         | MA Endrin       | 6.010 | 6.723 | 78410357 | 98789203 | 43.115  | 38.896   |
| 15)                         | B Endosulfa...  | 6.284 | 6.933 | 77141208 | 100.8E6  | 43.217  | 39.202   |
| 16)                         | A 4,4'-DDD      | 6.138 | 6.846 | 70276643 | 97584645 | 44.454  | 41.786   |
| 17)                         | MA 4,4'-DDT     | 6.378 | 7.146 | 68550005 | 87868490 | 45.349  | 38.154   |
| 18)                         | B Endrin al...  | 6.452 | 7.057 | 65819081 | 84388582 | 43.467  | 38.682   |
| 19)                         | B Endosulfa...  | 6.665 | 7.280 | 69611300 | 87387329 | 40.649  | 36.056   |
| 20)                         | A Methoxychlor  | 6.925 | 7.606 | 38719606 | 44409586 | 43.133  | 34.351   |
| 21)                         | B Endrin ke...  | 7.154 | 7.753 | 80127852 | 104.8E6  | 41.510  | 42.086   |
| 22)                         | Mirex           | 7.344 | 8.209 | 59641629 | 71421432 | 41.875  | 41.046   |
| -----                       |                 |       |       |          |          |         |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL090320\  
Data File : PL061226.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 03 Sep 2020 15:17  
Operator : DD\AJ  
Sample : L3888-02MSD  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

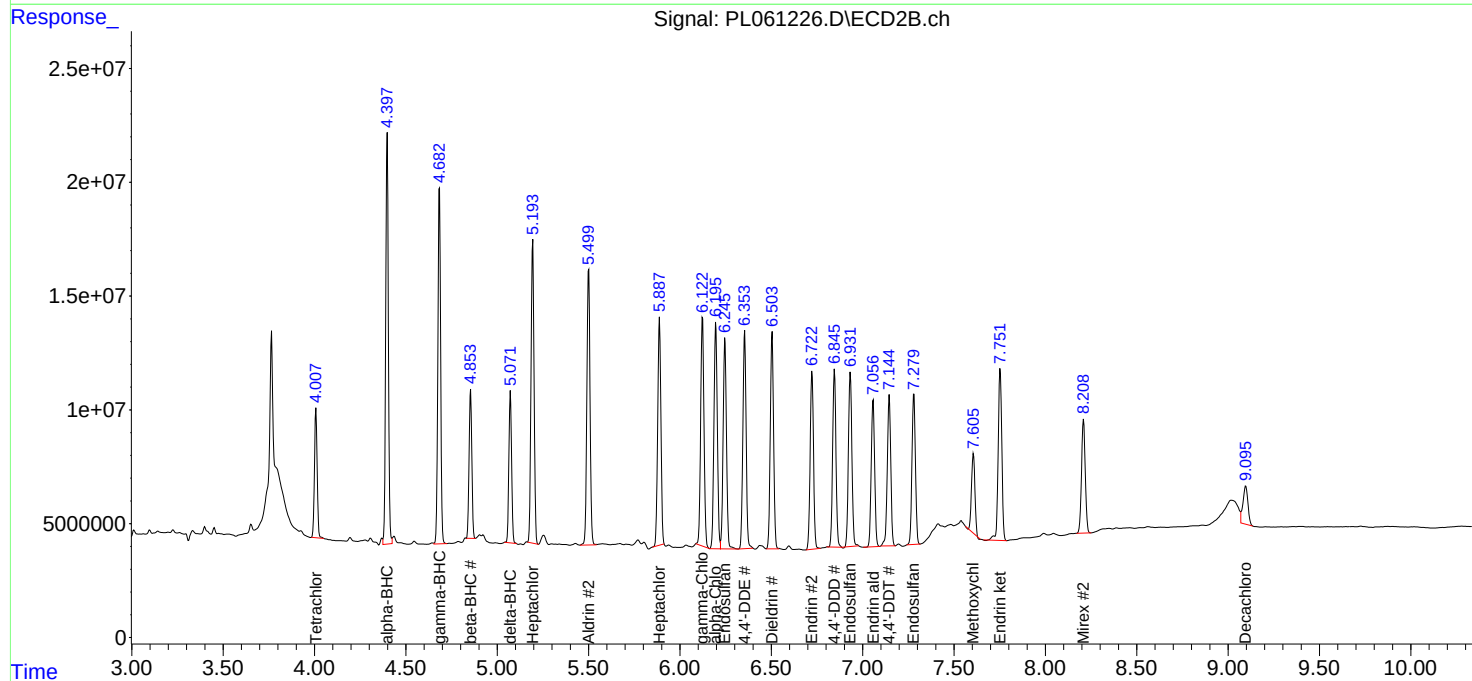
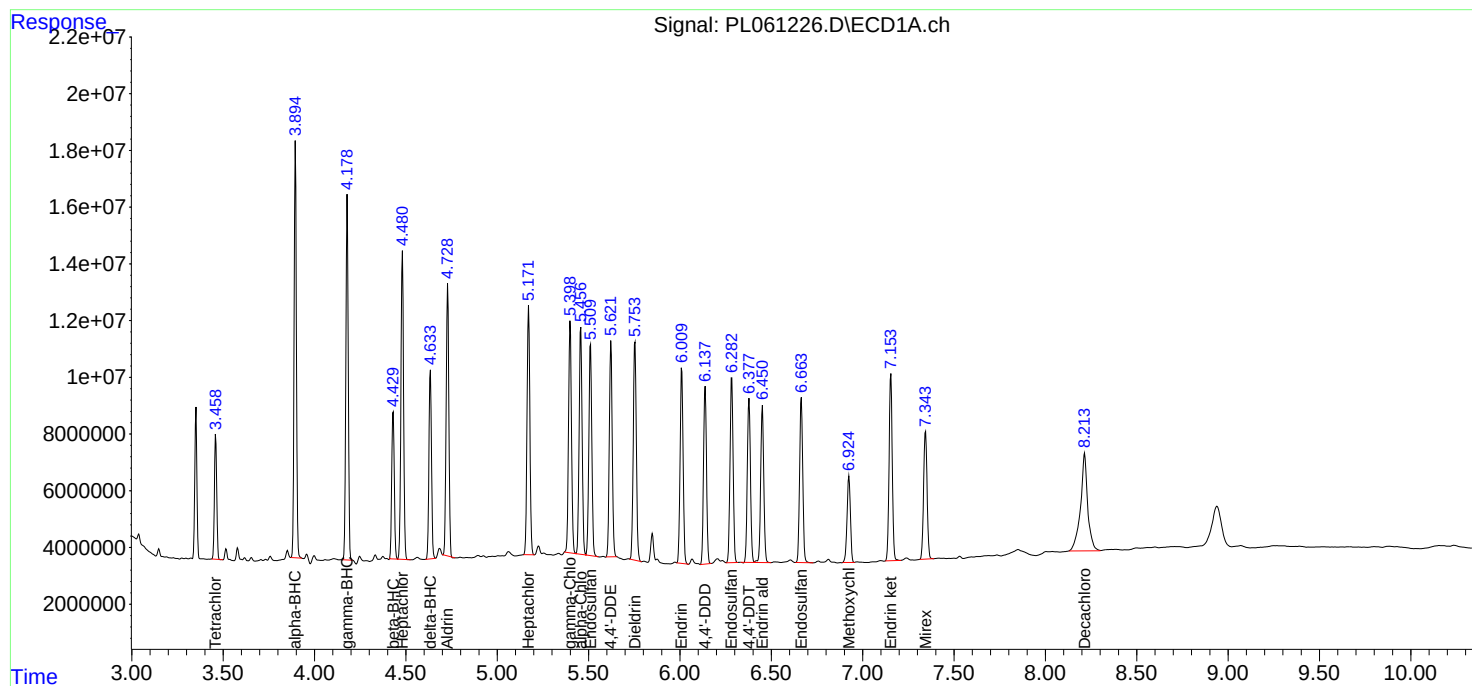
Instrument :  
ECD\_L  
ClientSampled :  
9-2-TP-1MSD

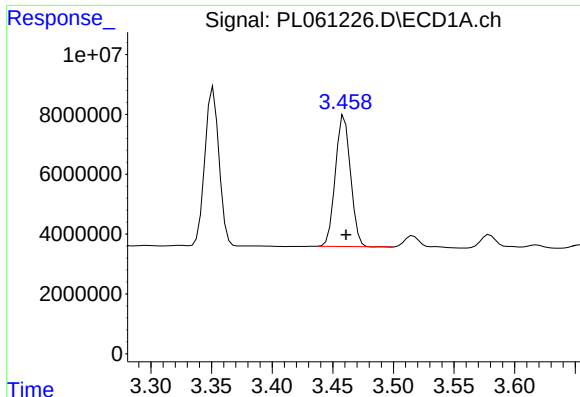
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 03 16:26:54 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL082520.M  
Quant Title : GC Extractables  
QLast Update : Tue Aug 25 16:59:57 2020  
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





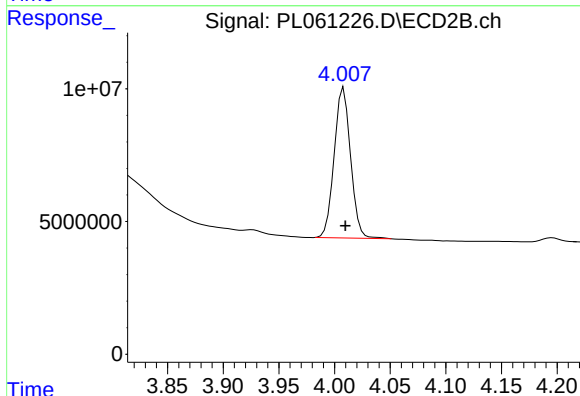
#1 Tetrachloro-m-xylene

R.T.: 3.460 min  
Delta R.T.: -0.001 min  
Response: 38026797  
Conc: 20.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
9-2-TP-1MSD

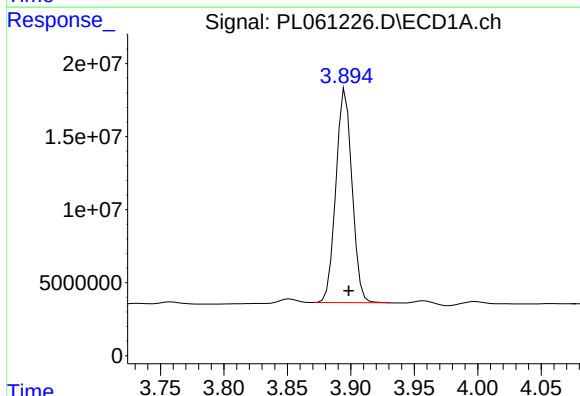
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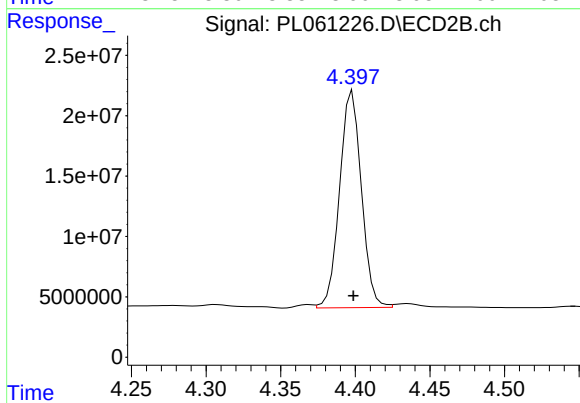
#1 Tetrachloro-m-xylene

R.T.: 4.008 min  
Delta R.T.: -0.002 min  
Response: 58073739  
Conc: 22.34 ng/ml



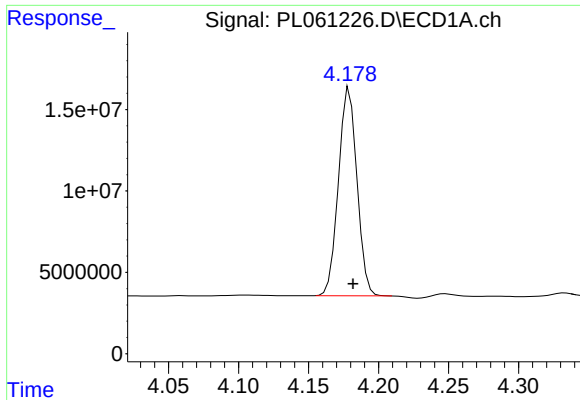
#2 alpha-BHC

R.T.: 3.896 min  
Delta R.T.: -0.002 min  
Response: 129593479  
Conc: 45.83 ng/ml



#2 alpha-BHC

R.T.: 4.398 min  
Delta R.T.: 0.000 min  
Response: 183226561  
Conc: 45.10 ng/ml



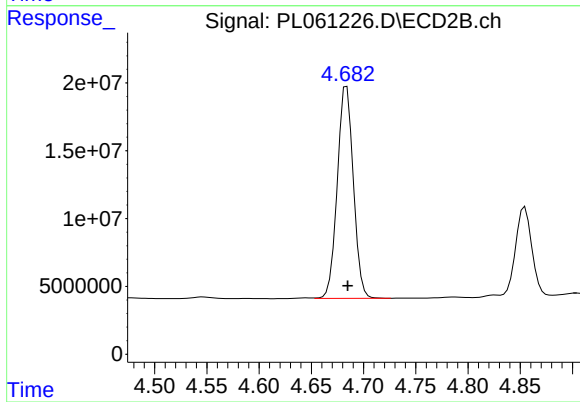
#3 gamma-BHC (Lindane)

R.T.: 4.179 min  
Delta R.T.: -0.002 min  
Response: 118112979  
Conc: 46.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
9-2-TP-1MSD

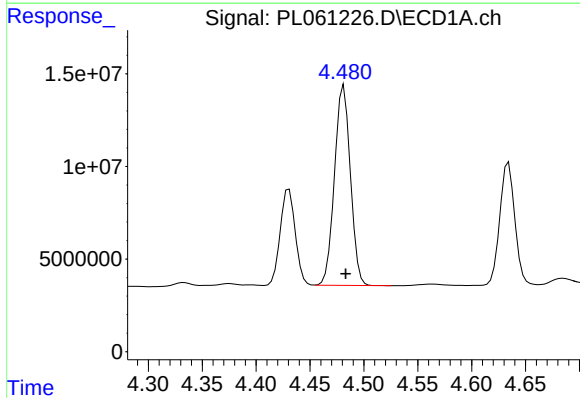
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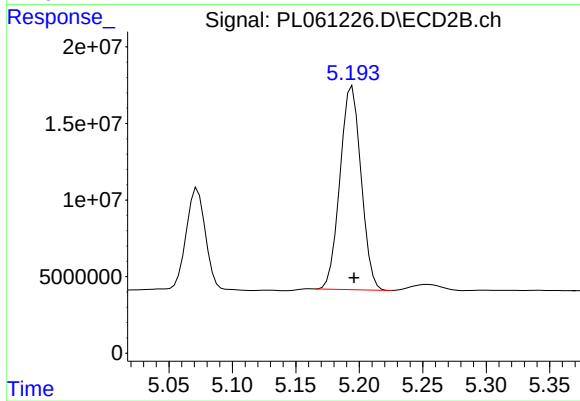
#3 gamma-BHC (Lindane)

R.T.: 4.684 min  
Delta R.T.: 0.000 min  
Response: 167094181  
Conc: 44.42 ng/ml



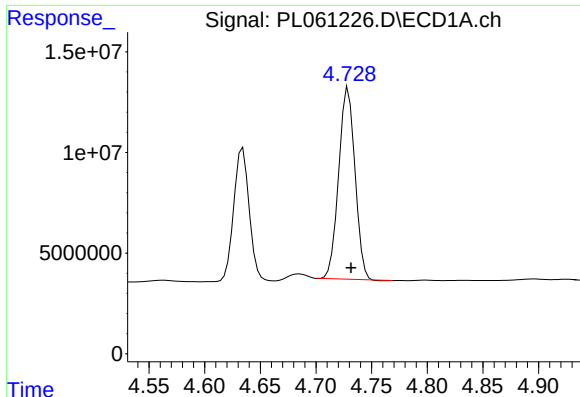
#4 Heptachlor

R.T.: 4.481 min  
Delta R.T.: -0.002 min  
Response: 110590895  
Conc: 47.12 ng/ml



#4 Heptachlor

R.T.: 5.194 min  
Delta R.T.: -0.001 min  
Response: 153749125  
Conc: 42.02 ng/ml



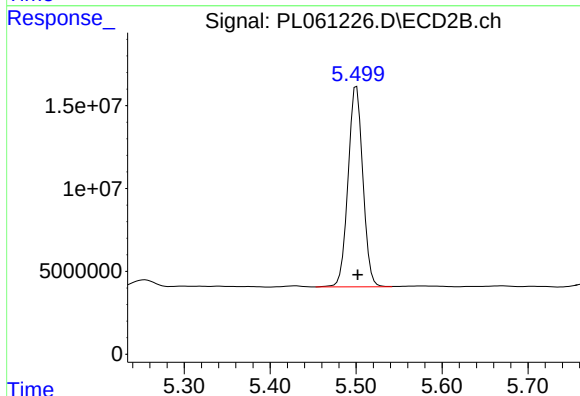
#5 Aldrin

R.T.: 4.729 min  
Delta R.T.: -0.002 min  
Response: 96826995  
Conc: 46.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
9-2-TP-1MSD

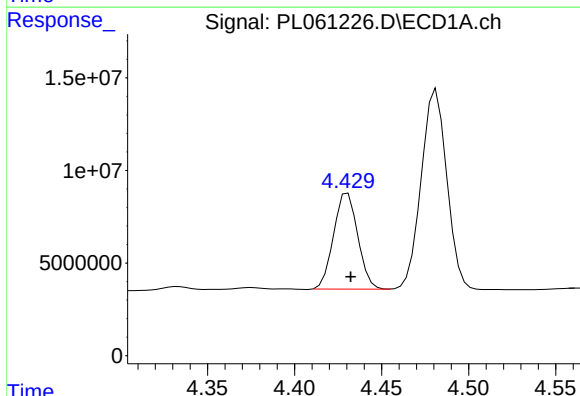
Manual Integrations  
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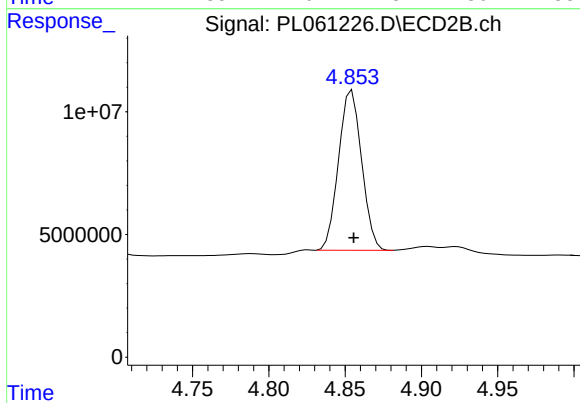
#5 Aldrin

R.T.: 5.501 min  
Delta R.T.: -0.001 min  
Response: 145202972  
Conc: 43.08 ng/ml



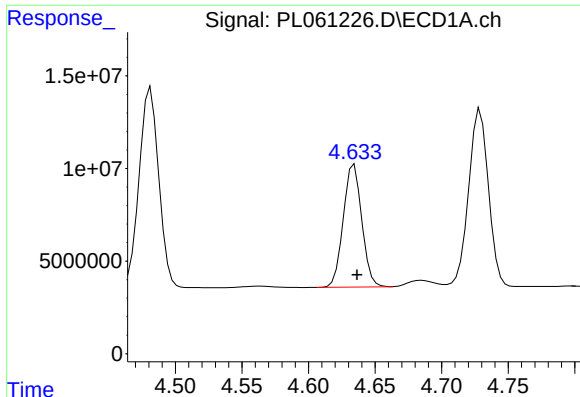
#6 beta-BHC

R.T.: 4.431 min  
Delta R.T.: -0.002 min  
Response: 50103725  
Conc: 49.05 ng/ml



#6 beta-BHC

R.T.: 4.854 min  
Delta R.T.: -0.001 min  
Response: 68708582  
Conc: 46.13 ng/ml



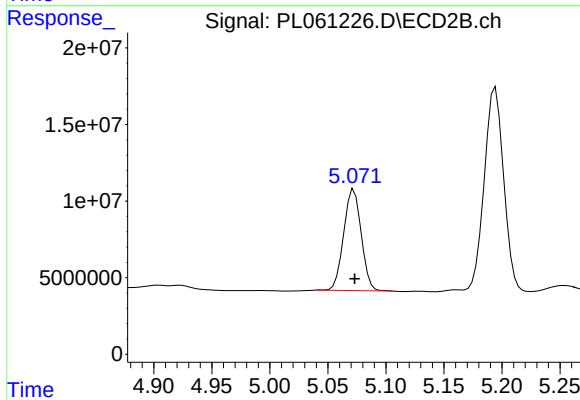
#7 delta-BHC

R.T.: 4.634 min  
Delta R.T.: -0.002 min  
Response: 64079921  
Conc: 26.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
9-2-TP-1MSD

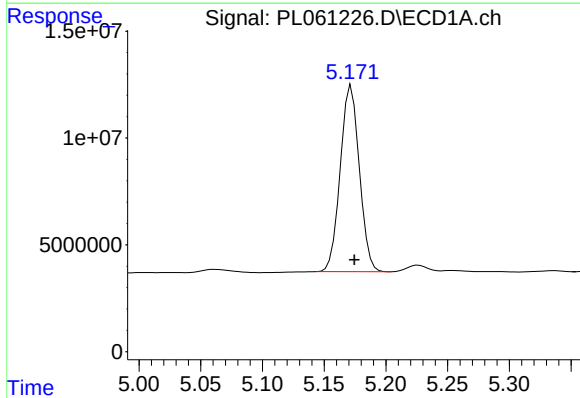
Manual Integrations  
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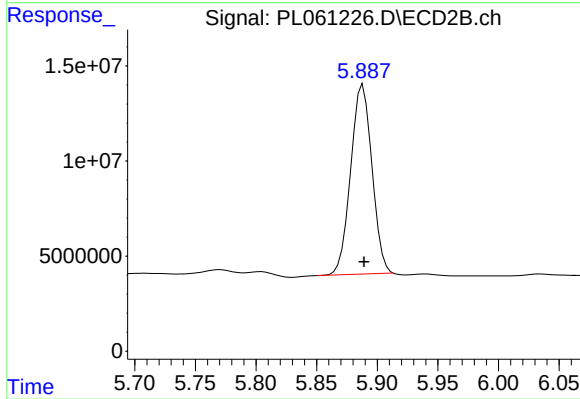
#7 delta-BHC

R.T.: 5.072 min  
Delta R.T.: 0.000 min  
Response: 69563533  
Conc: 25.32 ng/ml



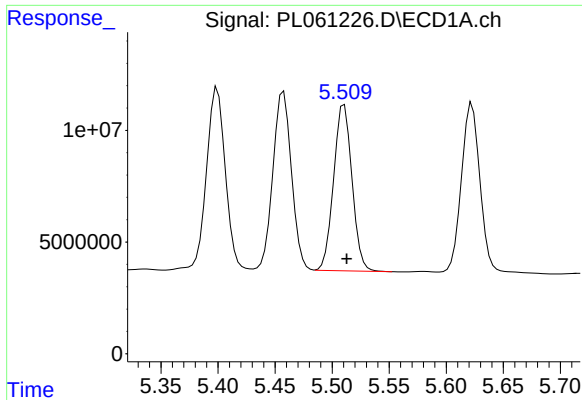
#8 Heptachlor epoxide

R.T.: 5.172 min  
Delta R.T.: -0.003 min  
Response: 93862226  
Conc: 47.61 ng/ml



#8 Heptachlor epoxide

R.T.: 5.888 min  
Delta R.T.: 0.000 min  
Response: 121842464  
Conc: 46.58 ng/ml



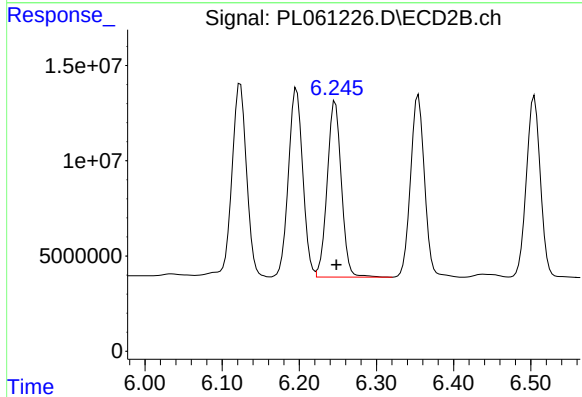
#9 Endosulfan I

R.T.: 5.511 min  
Delta R.T.: -0.002 min  
Response: 83514807  
Conc: 45.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
9-2-TP-1MSD

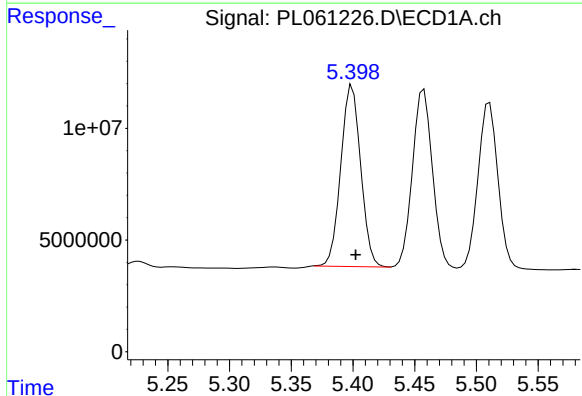
Manual Integrations  
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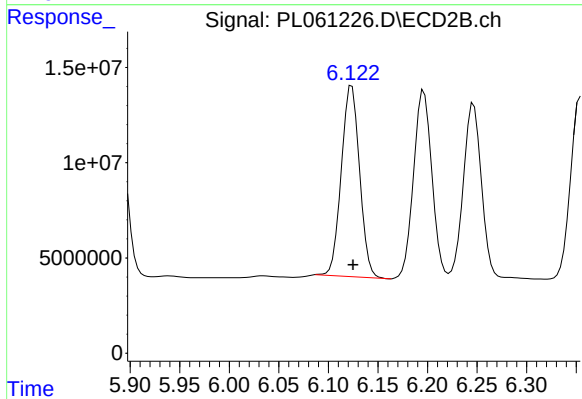
#9 Endosulfan I

R.T.: 6.247 min  
Delta R.T.: -0.001 min  
Response: 118053958  
Conc: 41.06 ng/ml



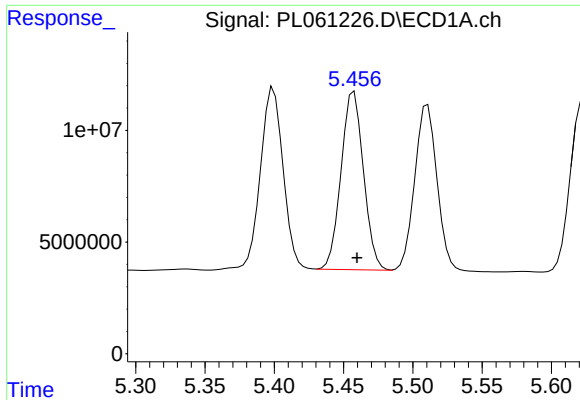
#10 gamma-Chlordane

R.T.: 5.399 min  
Delta R.T.: -0.003 min  
Response: 91142166  
Conc: 46.38 ng/ml



#10 gamma-Chlordane

R.T.: 6.124 min  
Delta R.T.: -0.001 min  
Response: 128707881  
Conc: 41.44 ng/ml



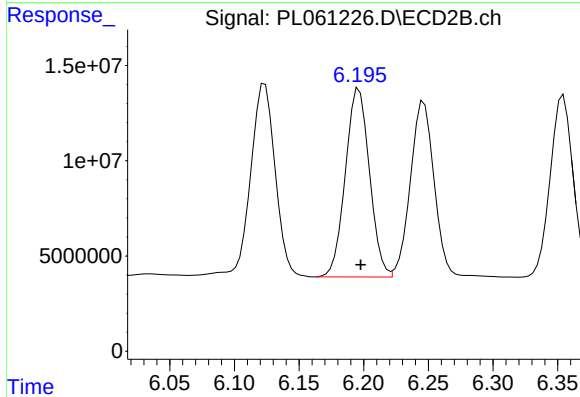
#11 alpha-Chlordane

R.T.: 5.457 min  
Delta R.T.: -0.002 min  
Response: 90038297  
Conc: 46.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
9-2-TP-1MSD

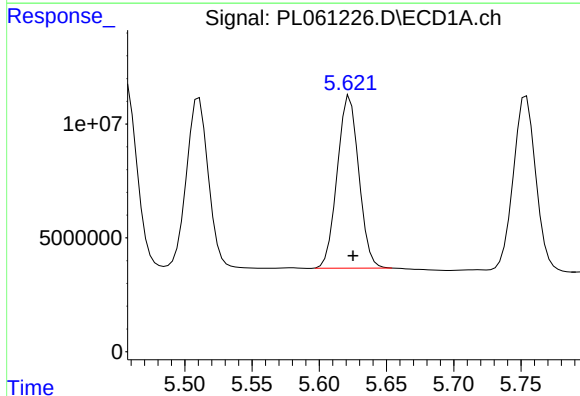
Manual Integrations  
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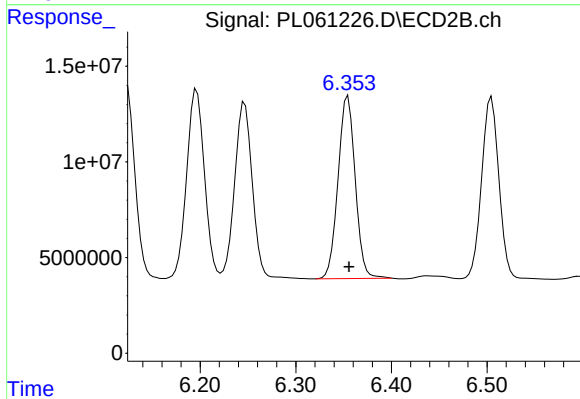
#11 alpha-Chlordane

R.T.: 6.196 min  
Delta R.T.: -0.001 min  
Response: 128093731  
Conc: 41.20 ng/ml



#12 4,4'-DDE

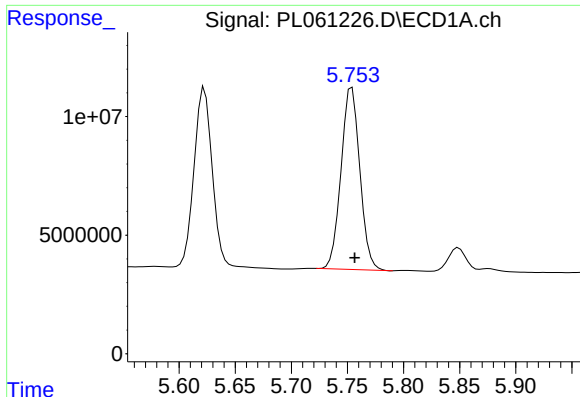
R.T.: 5.623 min  
Delta R.T.: -0.003 min  
Response: 84250408  
Conc: 45.79 ng/ml



#12 4,4'-DDE

R.T.: 6.354 min  
Delta R.T.: -0.001 min  
Response: 119164363  
Conc: 41.23 ng/ml





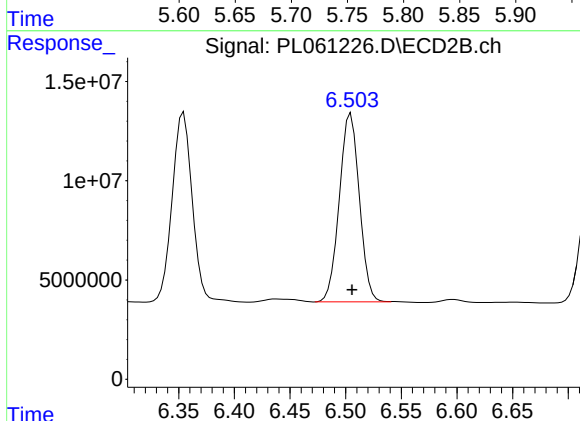
#13 Dieldrin

R.T.: 5.754 min  
Delta R.T.: -0.002 min  
Response: 89515188  
Conc: 46.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
9-2-TP-1MSD

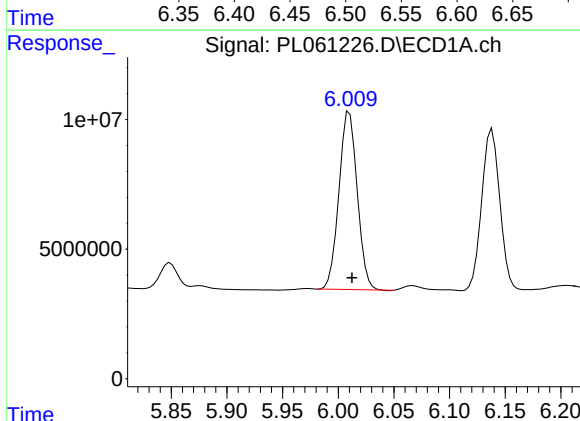
Manual Integrations  
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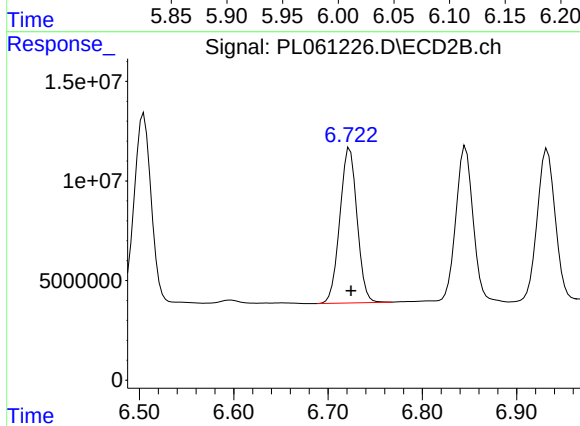
#13 Dieldrin

R.T.: 6.505 min  
Delta R.T.: -0.001 min  
Response: 118788746  
Conc: 39.78 ng/ml



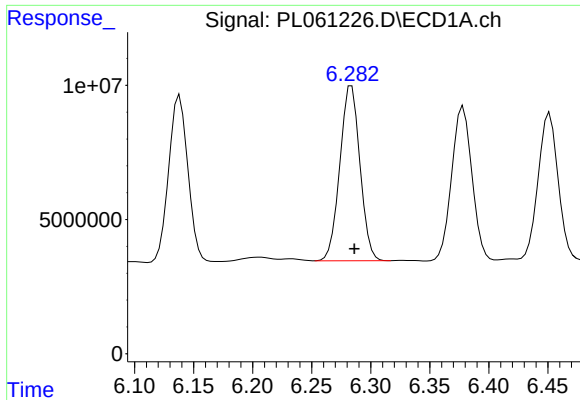
#14 Endrin

R.T.: 6.010 min  
Delta R.T.: -0.002 min  
Response: 78410357  
Conc: 43.12 ng/ml



#14 Endrin

R.T.: 6.723 min  
Delta R.T.: -0.001 min  
Response: 98789203  
Conc: 38.90 ng/ml



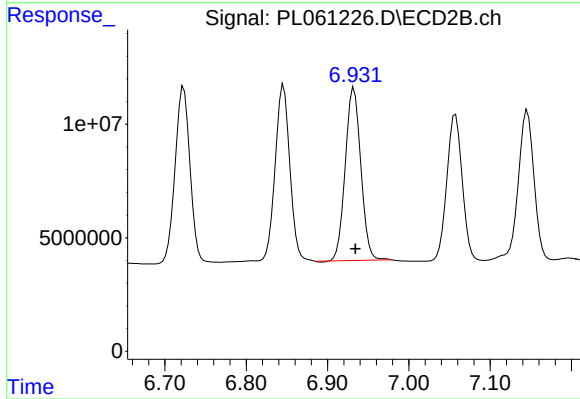
#15 Endosulfan II

R.T.: 6.284 min  
Delta R.T.: -0.002 min  
Response: 77141208  
Conc: 43.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
9-2-TP-1MSD

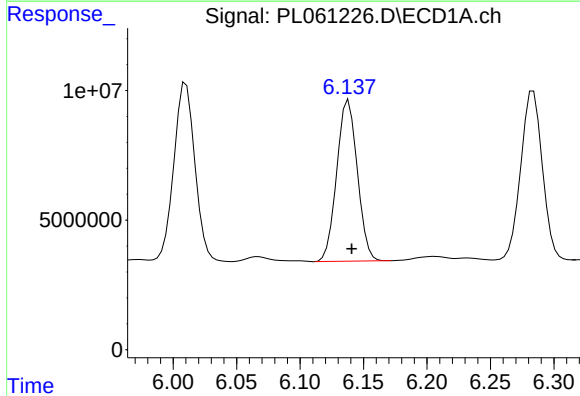
Manual Integrations  
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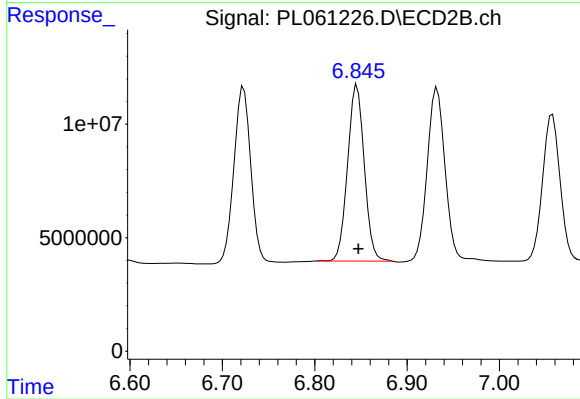
#15 Endosulfan II

R.T.: 6.933 min  
Delta R.T.: -0.002 min  
Response: 100843514  
Conc: 39.20 ng/ml



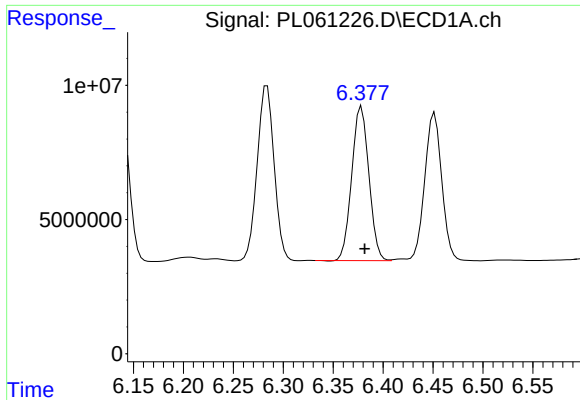
#16 4,4'-DDD

R.T.: 6.138 min  
Delta R.T.: -0.002 min  
Response: 70276643  
Conc: 44.45 ng/ml



#16 4,4'-DDD

R.T.: 6.846 min  
Delta R.T.: -0.001 min  
Response: 97584645  
Conc: 41.79 ng/ml



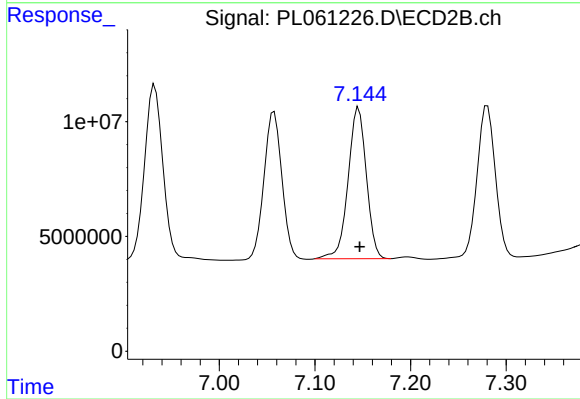
#17 4,4'-DDT

R.T.: 6.378 min  
Delta R.T.: -0.003 min  
Response: 68550005  
Conc: 45.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
9-2-TP-1MSD

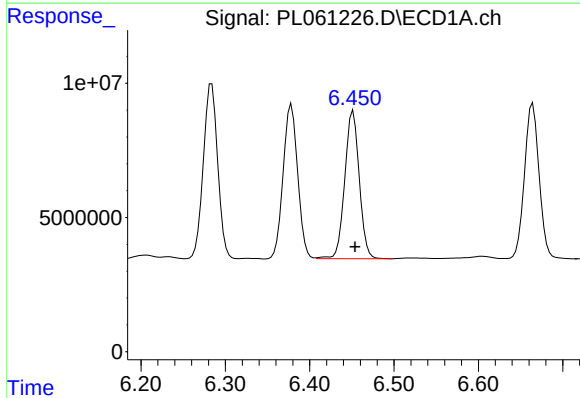
Manual Integrations  
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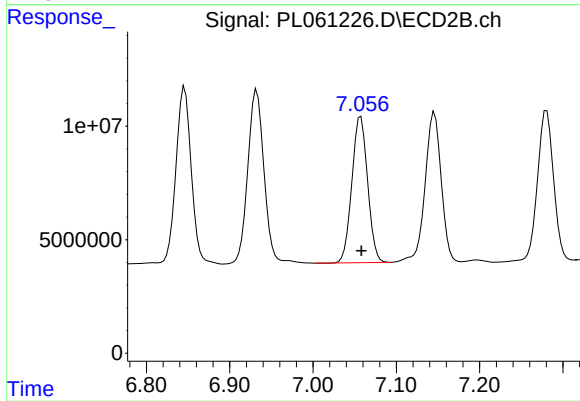
#17 4,4'-DDT

R.T.: 7.146 min  
Delta R.T.: -0.001 min  
Response: 87868490  
Conc: 38.15 ng/ml



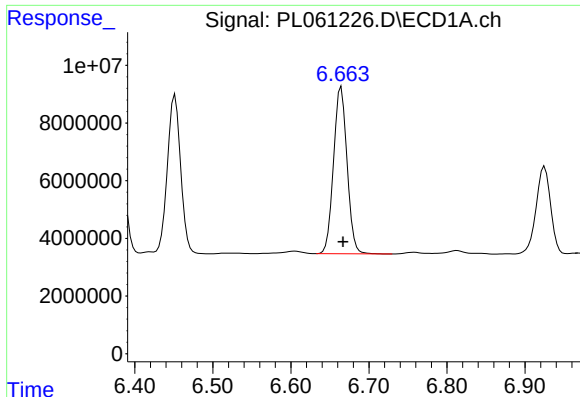
#18 Endrin aldehyde

R.T.: 6.452 min  
Delta R.T.: -0.002 min  
Response: 65819081  
Conc: 43.47 ng/ml



#18 Endrin aldehyde

R.T.: 7.057 min  
Delta R.T.: 0.000 min  
Response: 84388582  
Conc: 38.68 ng/ml



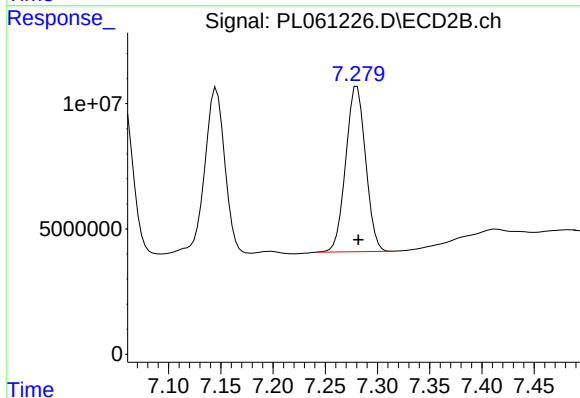
#19 Endosulfan Sulfate

R.T.: 6.665 min  
Delta R.T.: -0.002 min  
Response: 69611300  
Conc: 40.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
9-2-TP-1MSD

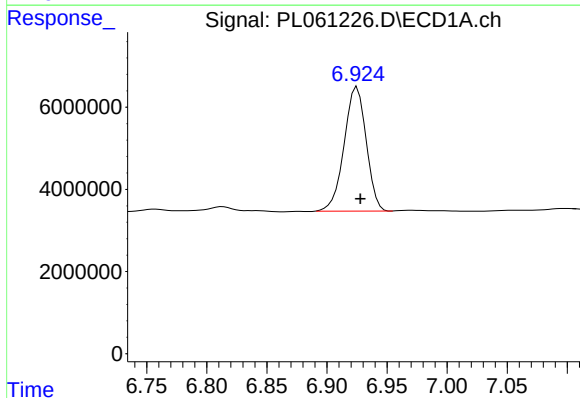
Manual Integrations  
APPROVED

Ankita  
9/4/2020 2:41:11 PM



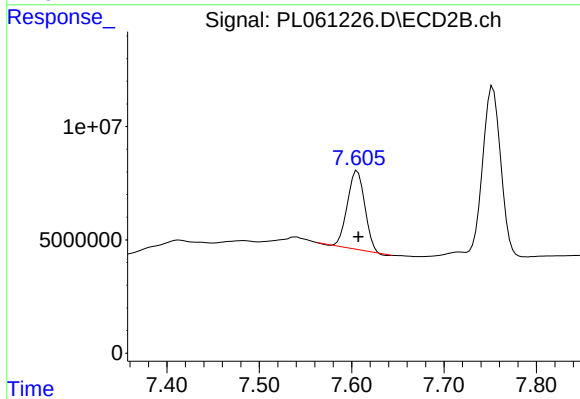
#19 Endosulfan Sulfate

R.T.: 7.280 min  
Delta R.T.: -0.001 min  
Response: 87387329  
Conc: 36.06 ng/ml



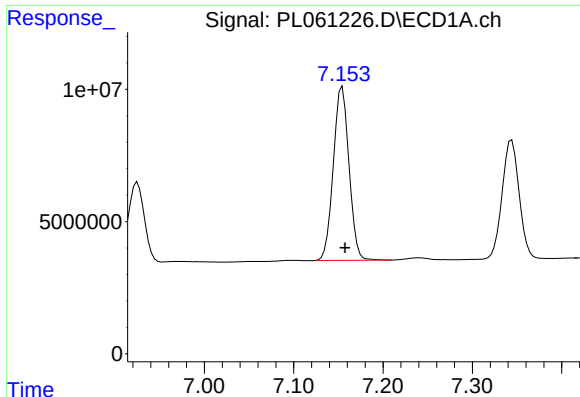
#20 Methoxychlor

R.T.: 6.925 min  
Delta R.T.: -0.003 min  
Response: 38719606  
Conc: 43.13 ng/ml



#20 Methoxychlor

R.T.: 7.606 min  
Delta R.T.: -0.001 min  
Response: 44409586  
Conc: 34.35 ng/ml



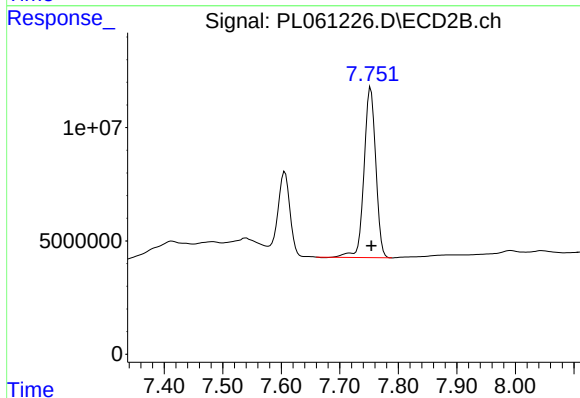
#21 Endrin ketone

R.T.: 7.154 min  
Delta R.T.: -0.003 min  
Response: 80127852  
Conc: 41.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
9-2-TP-1MSD

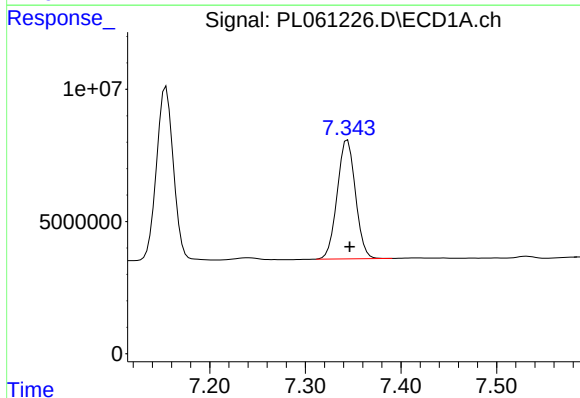
Manual Integrations  
APPROVED

Ankita  
9/4/2020 2:41:11 PM



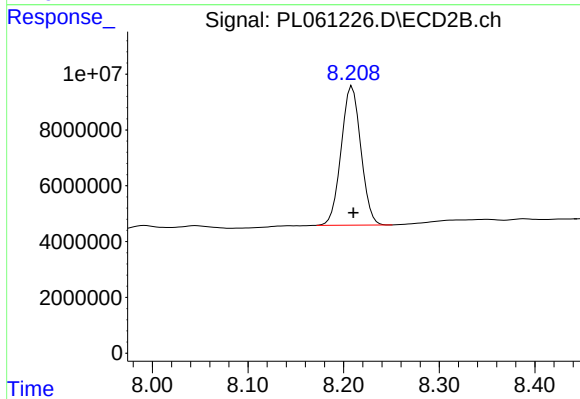
#21 Endrin ketone

R.T.: 7.753 min  
Delta R.T.: -0.001 min  
Response: 104750611  
Conc: 42.09 ng/ml



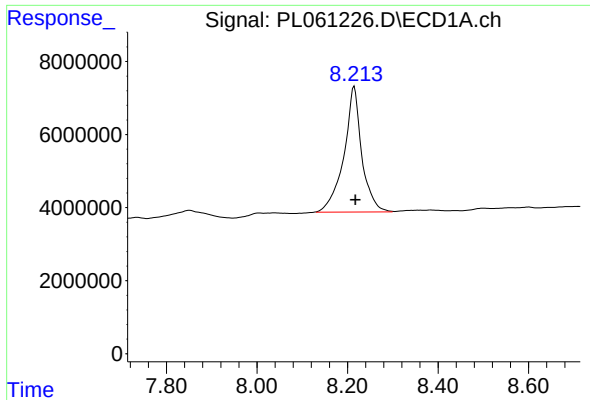
#22 Mirex

R.T.: 7.344 min  
Delta R.T.: -0.002 min  
Response: 59641629  
Conc: 41.88 ng/ml



#22 Mirex

R.T.: 8.209 min  
Delta R.T.: -0.002 min  
Response: 71421432  
Conc: 41.05 ng/ml



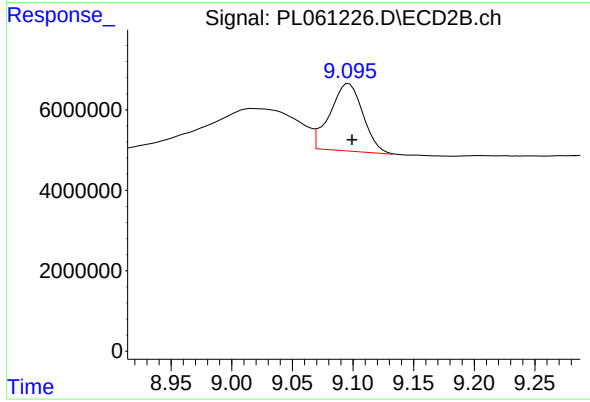
#28 Decachlorobiphenyl

R.T.: 8.213 min  
Delta R.T.: -0.004 min  
Response: 94202780  
Conc: 55.92 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
9-2-TP-1MSD

Manual Integrations  
APPROVED

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#28 Decachlorobiphenyl

R.T.: 9.095 min  
Delta R.T.: -0.004 min  
Response: 31314641  
Conc: 14.84 ng/ml m