

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL031219\  
 Data File : PL045742.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 12 Mar 2019 15:15  
 Operator : AJ\SJ  
 Sample : K1692-02MS  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 OK-01-030819MS

Manual Integrations  
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 3/13/2019 9:36:47 AM

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 13 01:18:41 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL022719.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Feb 27 17:00:03 2019  
 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... | 3.362 | 3.982 | 146.9E6 | 45022985 | 21.347  | 21.024  |
| 28)                         | SA Decachlor... | 8.044 | 9.038 | 154.6E6 | 45797976 | 18.472  | 20.044  |
| Target Compounds            |                 |       |       |         |          |         |         |
| 2)                          | A alpha-BHC     | 3.793 | 4.371 | 631.6E6 | 172.8E6  | 56.863  | 56.876  |
| 3)                          | MA gamma-BHC... | 4.070 | 4.656 | 586.4E6 | 158.4E6  | 58.021  | 56.069  |
| 4)                          | MA Heptachlor   | 4.357 | 5.163 | 605.9E6 | 165.8E6  | 57.417  | 55.737  |
| 5)                          | MB Aldrin       | 4.598 | 5.467 | 556.0E6 | 149.1E6  | 57.166  | 55.214  |
| 6)                          | B beta-BHC      | 4.323 | 4.828 | 240.9E6 | 70505794 | 56.206  | 55.518  |
| 7)                          | B delta-BHC     | 4.518 | 5.044 | 569.0E6 | 122.2E6  | 59.529  | 56.813  |
| 8)                          | B Heptachlor... | 5.035 | 5.851 | 524.9E6 | 137.7E6  | 56.238  | 57.314m |
| 9)                          | A Endosulfan I  | 5.367 | 6.210 | 494.8E6 | 134.1E6  | 55.361  | 53.841  |
| 10)                         | B gamma-Chl...  | 5.258 | 6.087 | 553.1E6 | 145.8E6  | 56.510  | 54.353  |
| 11)                         | B alpha-Chl...  | 5.315 | 6.160 | 525.6E6 | 144.7E6  | 54.198  | 53.641  |
| 12)                         | B 4,4'-DDE      | 5.481 | 6.318 | 498.1E6 | 126.1E6  | 56.742m | 53.993  |
| 13)                         | MA Dieldrin     | 5.607 | 6.466 | 542.5E6 | 140.7E6  | 56.764  | 54.739  |
| 14)                         | MA Endrin       | 5.860 | 6.682 | 529.9E6 | 118.7E6  | 58.839  | 52.181m |
| 15)                         | B Endosulfa...  | 6.135 | 6.893 | 464.8E6 | 122.4E6  | 53.621  | 52.033  |
| 16)                         | A 4,4'-DDD      | 5.994 | 6.807 | 420.6E6 | 107.9E6  | 57.447  | 56.085  |
| 17)                         | MA 4,4'-DDT     | 6.228 | 7.106 | 398.1E6 | 105.4E6  | 53.086  | 53.390  |
| 18)                         | B Endrin al...  | 6.302 | 7.017 | 386.0E6 | 107.4E6  | 52.807  | 52.539  |
| 19)                         | B Endosulfa...  | 6.513 | 7.240 | 428.4E6 | 117.2E6  | 52.704  | 52.103  |
| 20)                         | A Methoxychlor  | 6.774 | 7.563 | 215.2E6 | 74962201 | 49.000  | 61.073m |
| 21)                         | B Endrin ke...  | 6.995 | 7.710 | 606.5E6 | 122.3E6  | 65.827m | 51.430  |
| 22)                         | Mirex           | 7.174 | 8.163 | 344.5E6 | 98555530 | 46.298  | 49.483  |
| -----                       |                 |       |       |         |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL031219\  
Data File : PL045742.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 12 Mar 2019 15:15  
Operator : AJ\SJ  
Sample : K1692-02MS  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

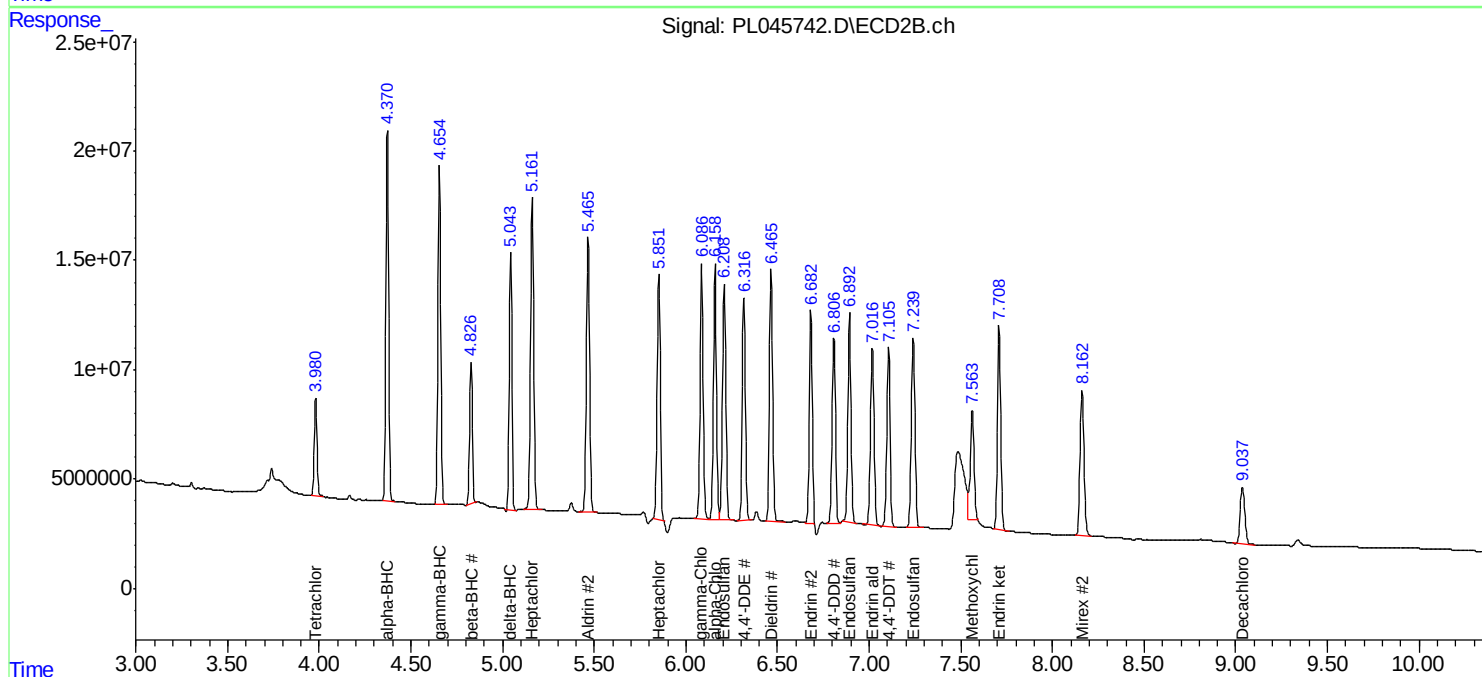
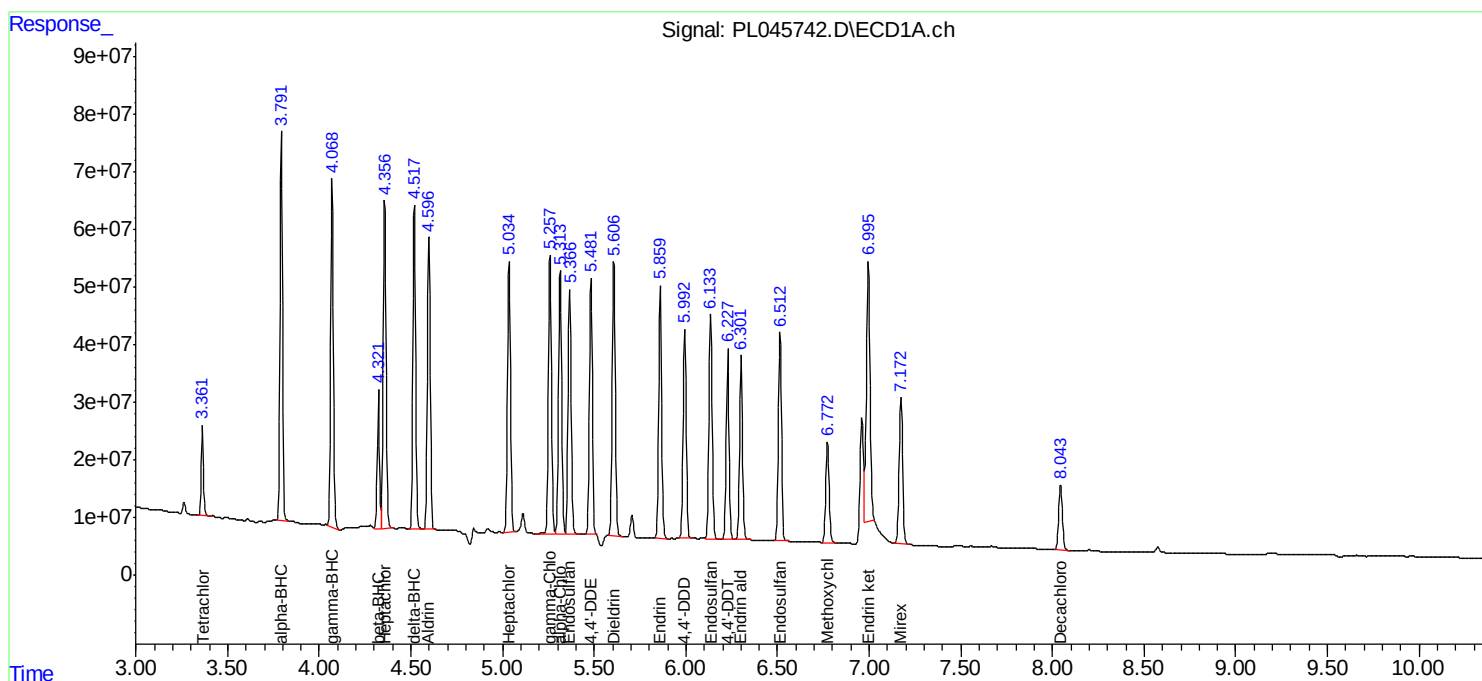
Instrument :  
ECD\_L  
ClientSampled :  
OK-01-030819MS

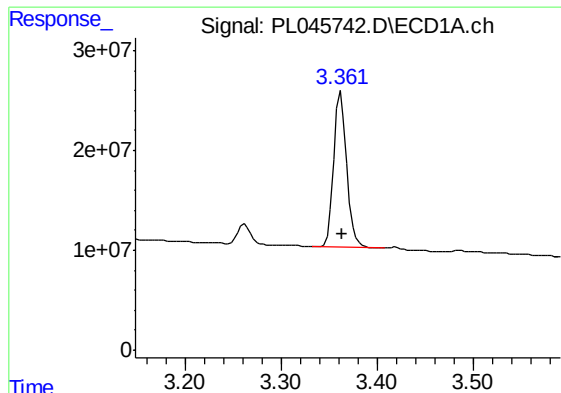
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 13 01:18:41 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL022719.M  
Quant Title : GC Extractables  
QLast Update : Wed Feb 27 17:00:03 2019  
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





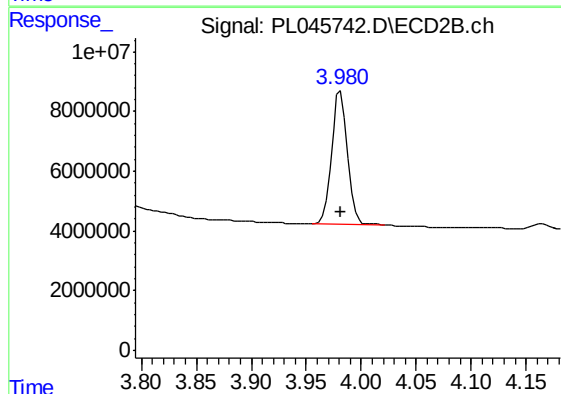
#1 Tetrachloro-m-xylene

R.T.: 3.362 min  
Delta R.T.: 0.000 min  
Response: 146855443  
Conc: 21.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OK-01-030819MS

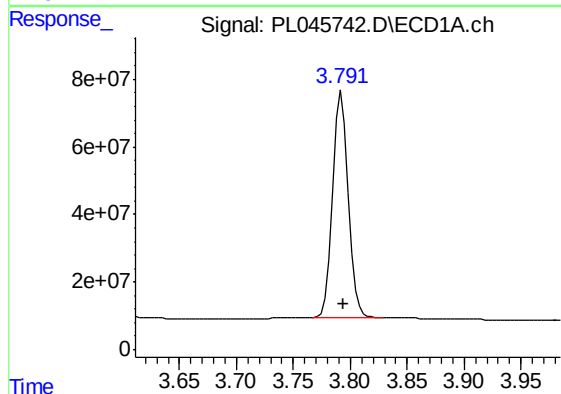
Manual Integrations  
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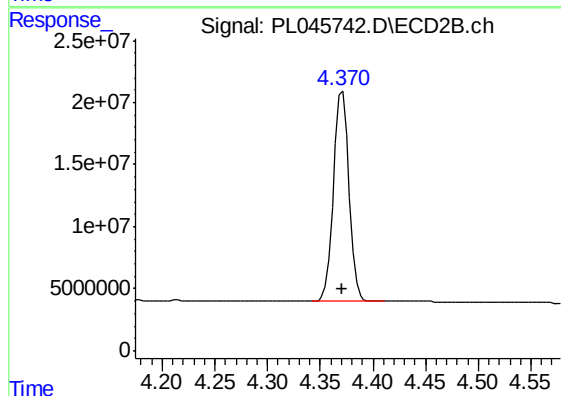
#1 Tetrachloro-m-xylene

R.T.: 3.982 min  
Delta R.T.: 0.000 min  
Response: 45022985  
Conc: 21.02 ng/ml



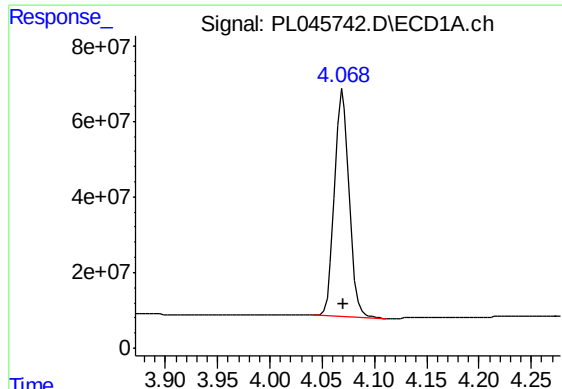
#2 alpha-BHC

R.T.: 3.793 min  
Delta R.T.: 0.000 min  
Response: 631590567  
Conc: 56.86 ng/ml



#2 alpha-BHC

R.T.: 4.371 min  
Delta R.T.: 0.000 min  
Response: 172826492  
Conc: 56.88 ng/ml



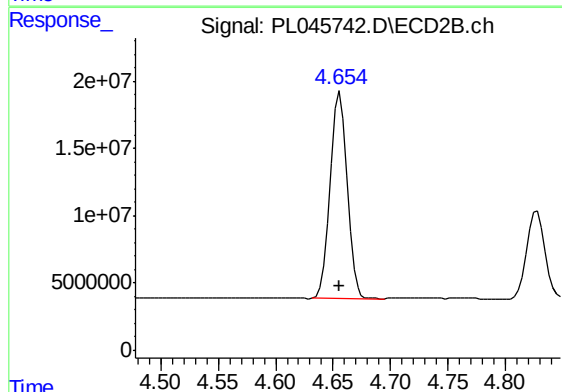
#3 gamma-BHC (Lindane)

R.T.: 4.070 min  
Delta R.T.: 0.000 min  
Response: 586426007  
Conc: 58.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OK-01-030819MS

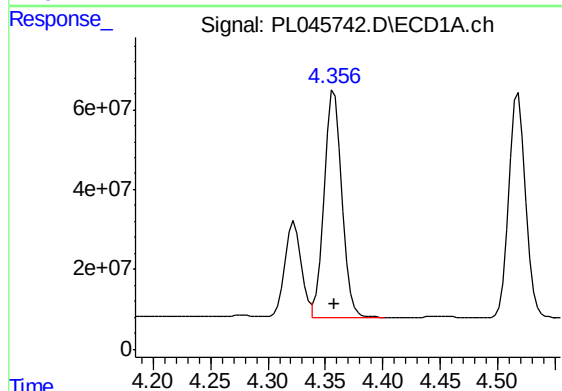
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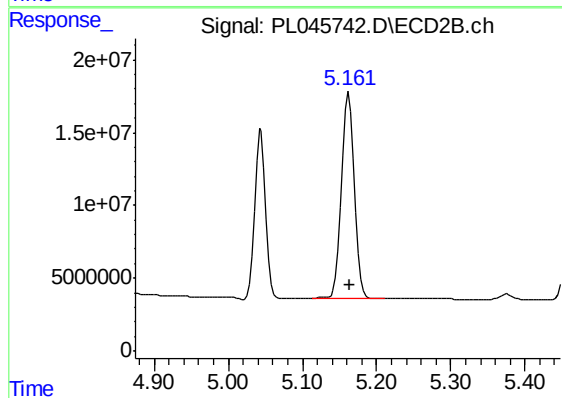
#3 gamma-BHC (Lindane)

R.T.: 4.656 min  
Delta R.T.: 0.000 min  
Response: 158373212  
Conc: 56.07 ng/ml



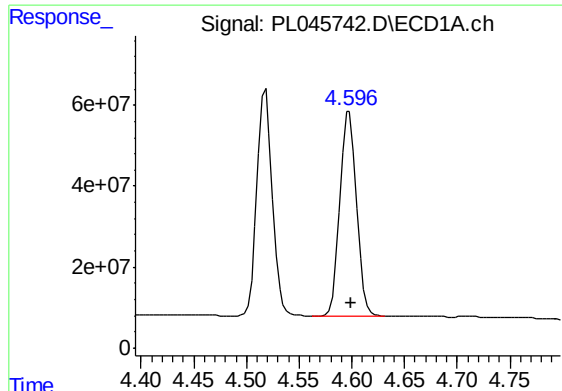
#4 Heptachlor

R.T.: 4.357 min  
Delta R.T.: -0.001 min  
Response: 605876203  
Conc: 57.42 ng/ml



#4 Heptachlor

R.T.: 5.163 min  
Delta R.T.: 0.000 min  
Response: 165815703  
Conc: 55.74 ng/ml



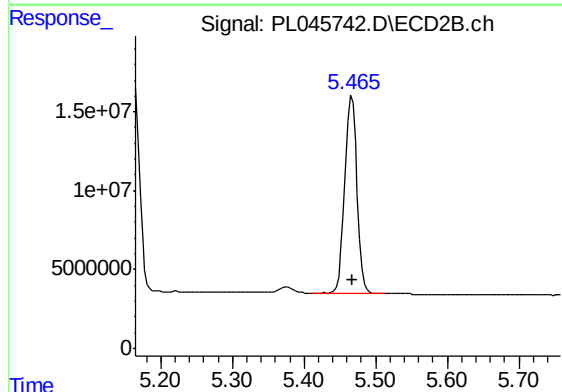
#5 Aldrin

R.T.: 4.598 min  
Delta R.T.: -0.002 min  
Response: 556022472  
Conc: 57.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OK-01-030819MS

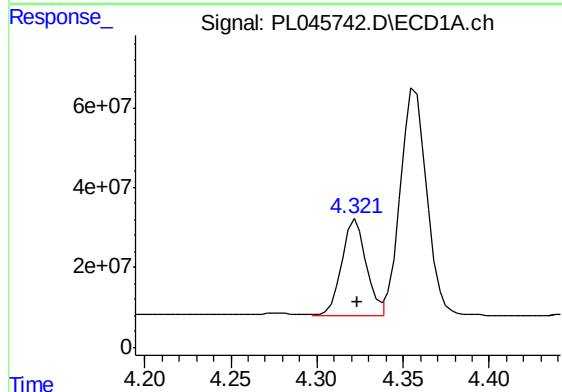
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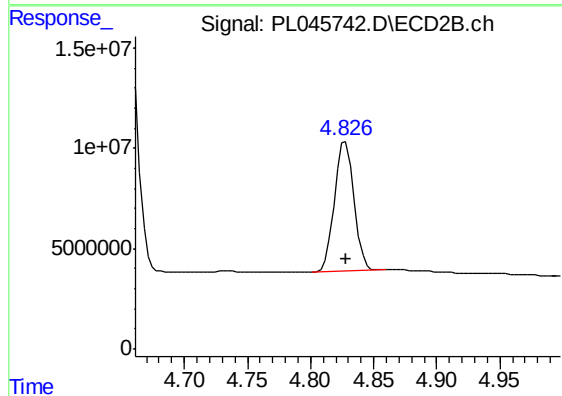
#5 Aldrin

R.T.: 5.467 min  
Delta R.T.: 0.000 min  
Response: 149129626  
Conc: 55.21 ng/ml



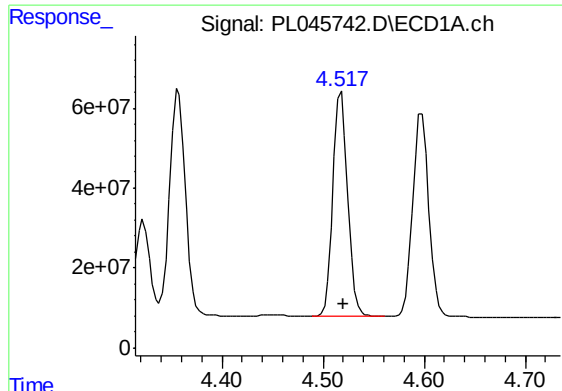
#6 beta-BHC

R.T.: 4.323 min  
Delta R.T.: -0.001 min  
Response: 240902558  
Conc: 56.21 ng/ml



#6 beta-BHC

R.T.: 4.828 min  
Delta R.T.: 0.000 min  
Response: 70505794  
Conc: 55.52 ng/ml



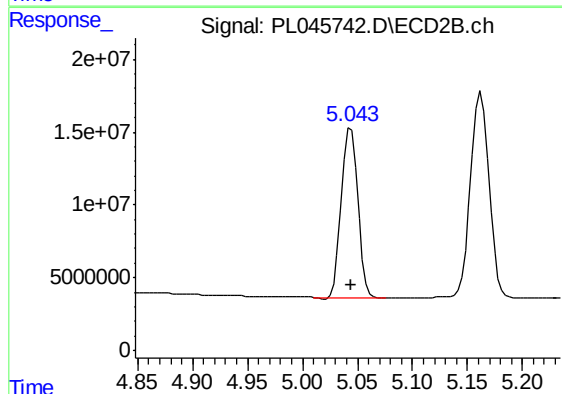
#7 delta-BHC

R.T.: 4.518 min  
Delta R.T.: -0.002 min  
Response: 568973769  
Conc: 59.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OK-01-030819MS

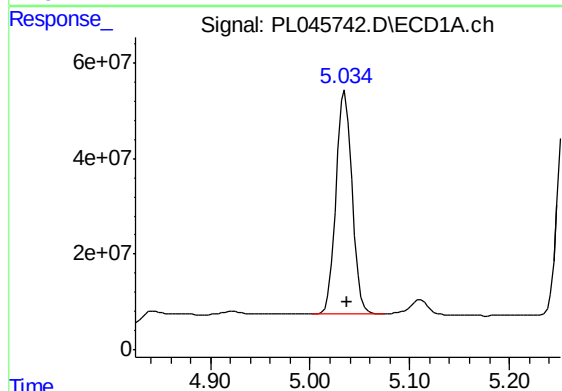
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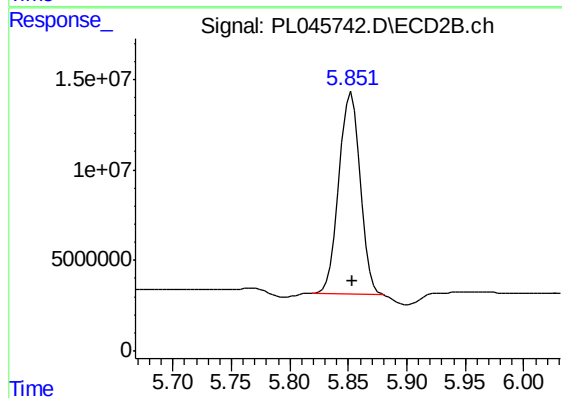
#7 delta-BHC

R.T.: 5.044 min  
Delta R.T.: 0.000 min  
Response: 122198907  
Conc: 56.81 ng/ml



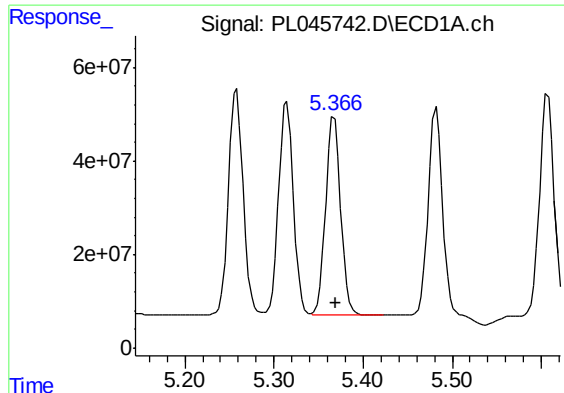
#8 Heptachlor epoxide

R.T.: 5.035 min  
Delta R.T.: -0.002 min  
Response: 524873205  
Conc: 56.24 ng/ml



#8 Heptachlor epoxide

R.T.: 5.851 min  
Delta R.T.: -0.003 min  
Response: 137665058  
Conc: 57.31 ng/ml m



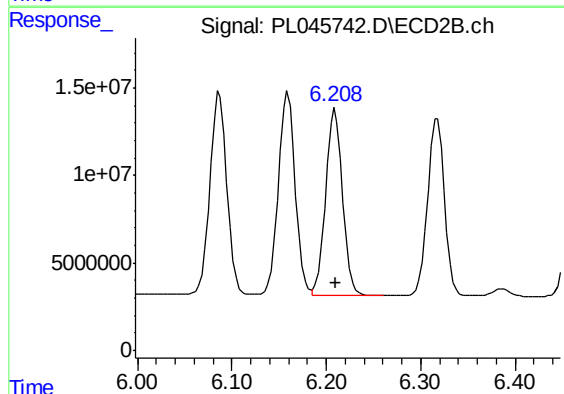
#9 Endosulfan I

R.T.: 5.367 min  
Delta R.T.: -0.002 min  
Response: 494840145  
Conc: 55.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OK-01-030819MS

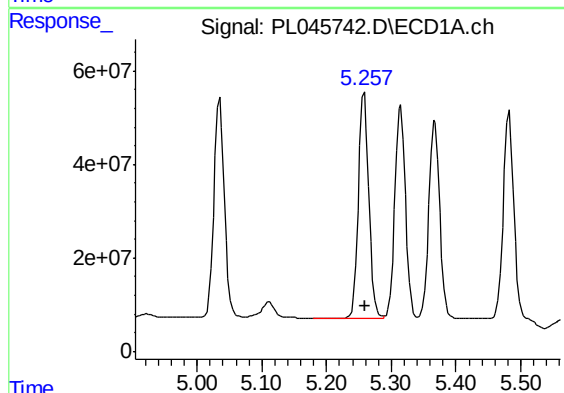
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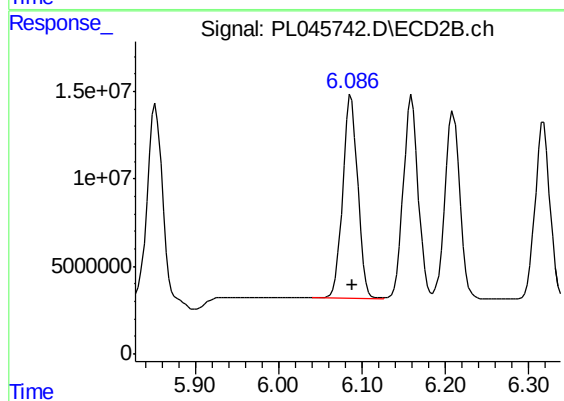
#9 Endosulfan I

R.T.: 6.210 min  
Delta R.T.: 0.000 min  
Response: 134078675  
Conc: 53.84 ng/ml



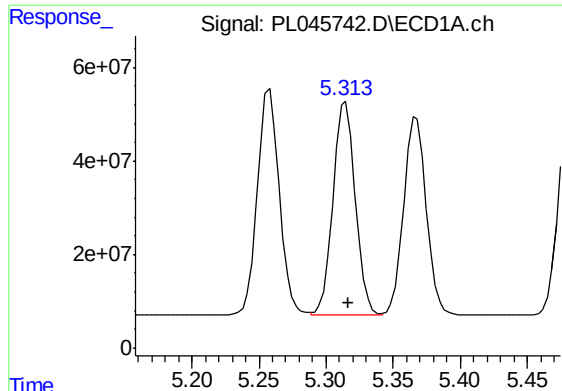
#10 gamma-Chlordane

R.T.: 5.258 min  
Delta R.T.: -0.002 min  
Response: 553065175  
Conc: 56.51 ng/ml



#10 gamma-Chlordane

R.T.: 6.087 min  
Delta R.T.: 0.000 min  
Response: 145825116  
Conc: 54.35 ng/ml



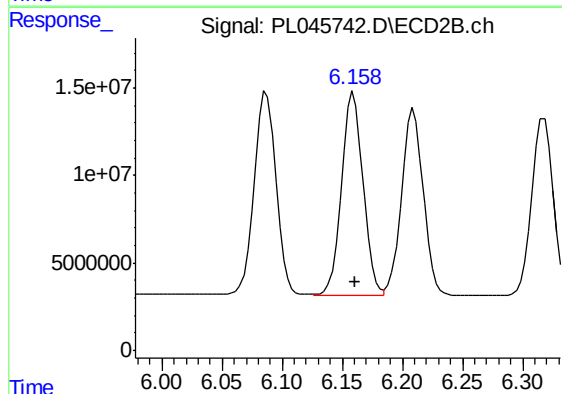
#11 alpha-Chlordane

R.T.: 5.315 min  
Delta R.T.: -0.002 min  
Response: 525560522  
Conc: 54.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OK-01-030819MS

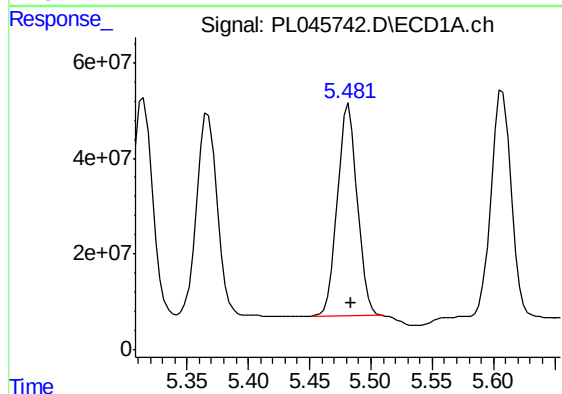
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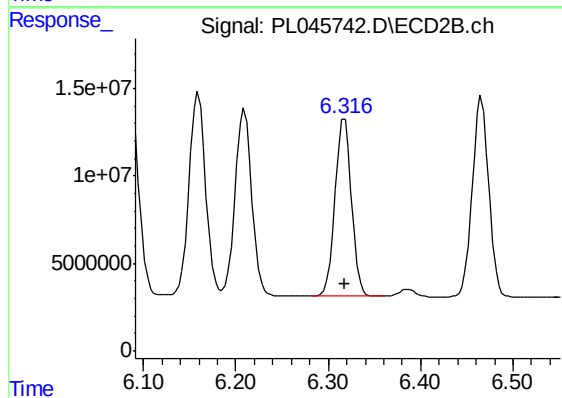
#11 alpha-Chlordane

R.T.: 6.160 min  
Delta R.T.: 0.000 min  
Response: 144707455  
Conc: 53.64 ng/ml



#12 4,4'-DDE

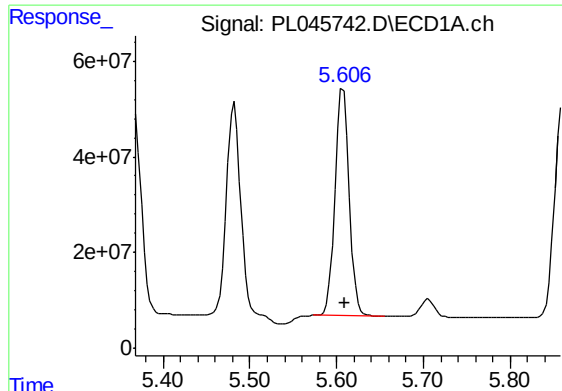
R.T.: 5.481 min  
Delta R.T.: -0.003 min  
Response: 498096094  
Conc: 56.74 ng/ml m



#12 4,4'-DDE

R.T.: 6.318 min  
Delta R.T.: 0.000 min  
Response: 126123469  
Conc: 53.99 ng/ml





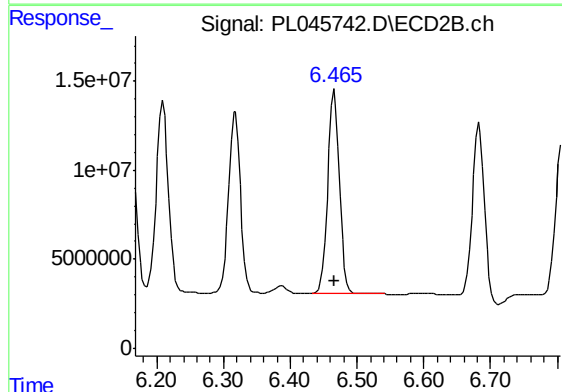
#13 Dieldrin

R.T.: 5.607 min  
Delta R.T.: -0.002 min  
Response: 542547751  
Conc: 56.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OK-01-030819MS

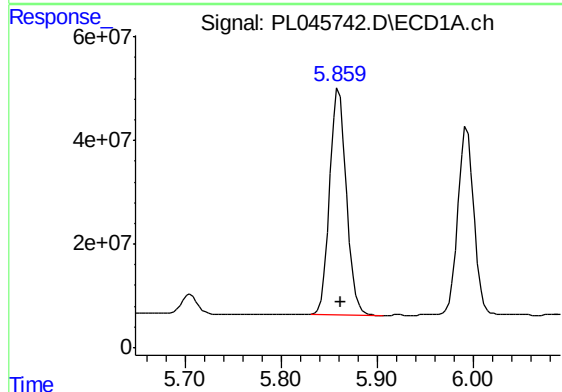
Manual Integrations  
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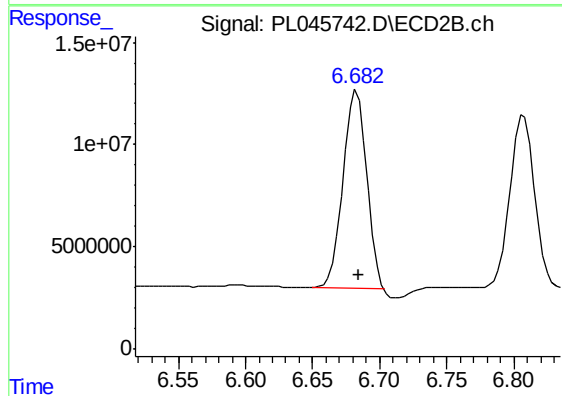
#13 Dieldrin

R.T.: 6.466 min  
Delta R.T.: 0.000 min  
Response: 140665696  
Conc: 54.74 ng/ml



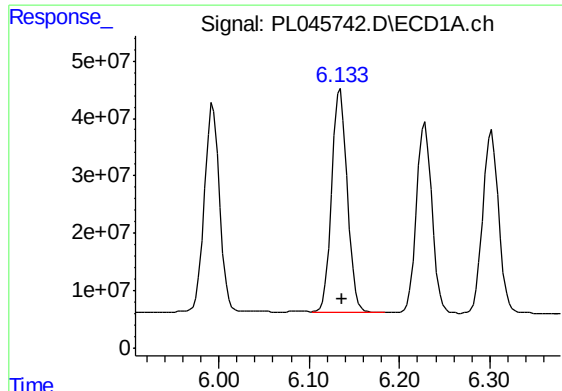
#14 Endrin

R.T.: 5.860 min  
Delta R.T.: -0.002 min  
Response: 529890495  
Conc: 58.84 ng/ml



#14 Endrin

R.T.: 6.682 min  
Delta R.T.: -0.002 min  
Response: 118727490  
Conc: 52.18 ng/ml m



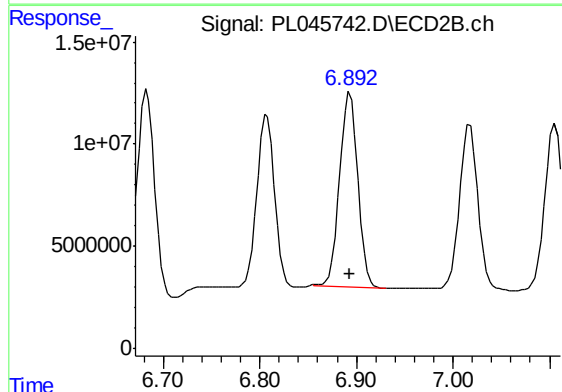
#15 Endosulfan II

R.T.: 6.135 min  
Delta R.T.: -0.002 min  
Response: 464814921  
Conc: 53.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OK-01-030819MS

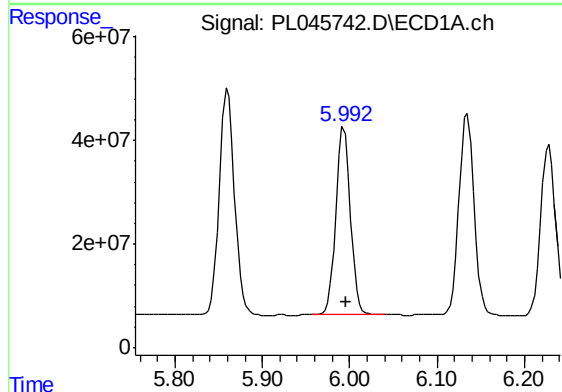
Manual Integrations  
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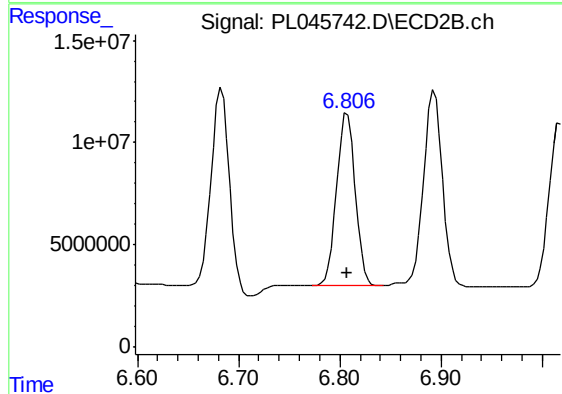
#15 Endosulfan II

R.T.: 6.893 min  
Delta R.T.: 0.000 min  
Response: 122362285  
Conc: 52.03 ng/ml



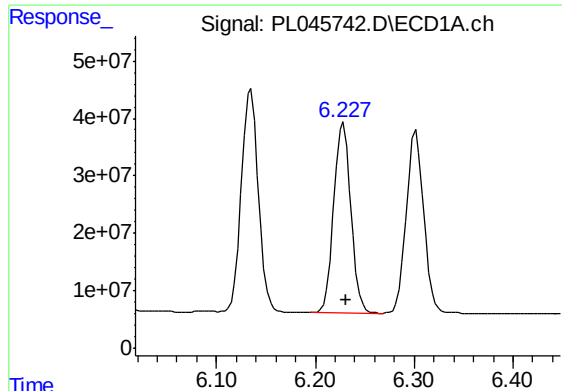
#16 4,4'-DDD

R.T.: 5.994 min  
Delta R.T.: -0.002 min  
Response: 420618744  
Conc: 57.45 ng/ml



#16 4,4'-DDD

R.T.: 6.807 min  
Delta R.T.: 0.000 min  
Response: 107856775  
Conc: 56.09 ng/ml



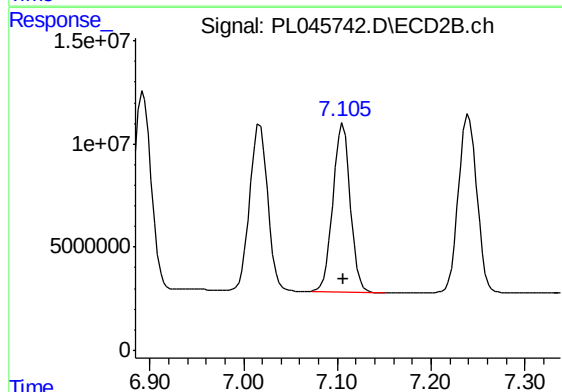
#17 4,4'-DDT

R.T.: 6.228 min  
Delta R.T.: -0.002 min  
Response: 398149832  
Conc: 53.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OK-01-030819MS

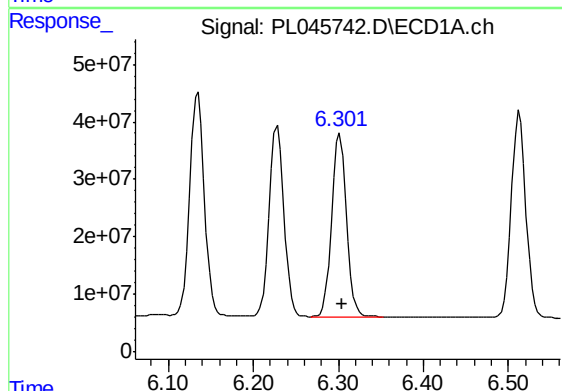
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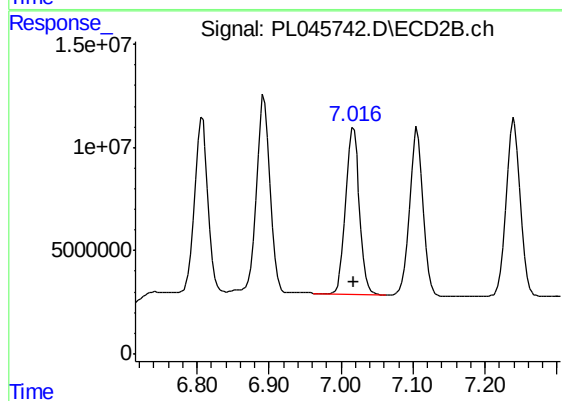
#17 4,4'-DDT

R.T.: 7.106 min  
Delta R.T.: 0.000 min  
Response: 105361567  
Conc: 53.39 ng/ml



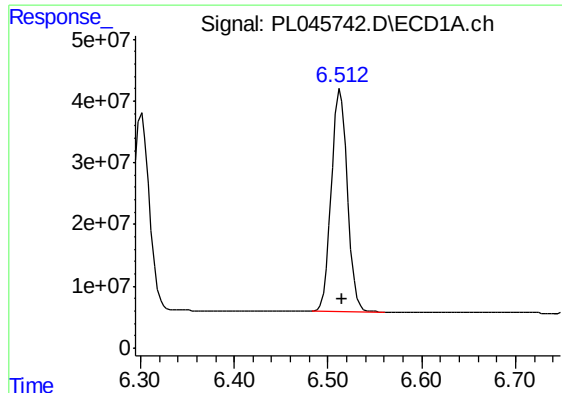
#18 Endrin aldehyde

R.T.: 6.302 min  
Delta R.T.: -0.002 min  
Response: 385995411  
Conc: 52.81 ng/ml



#18 Endrin aldehyde

R.T.: 7.017 min  
Delta R.T.: 0.000 min  
Response: 107400165  
Conc: 52.54 ng/ml



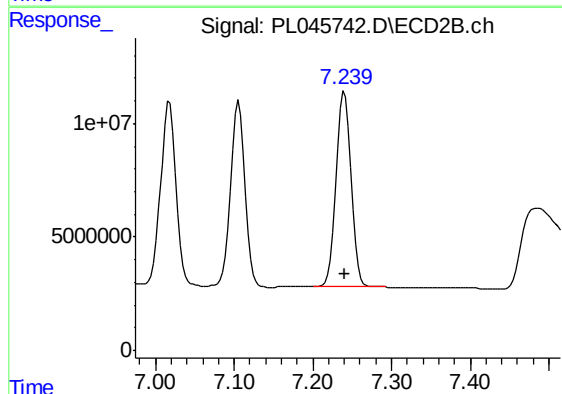
#19 Endosulfan Sulfate

R.T.: 6.513 min  
Delta R.T.: -0.002 min  
Response: 428382708  
Conc: 52.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OK-01-030819MS

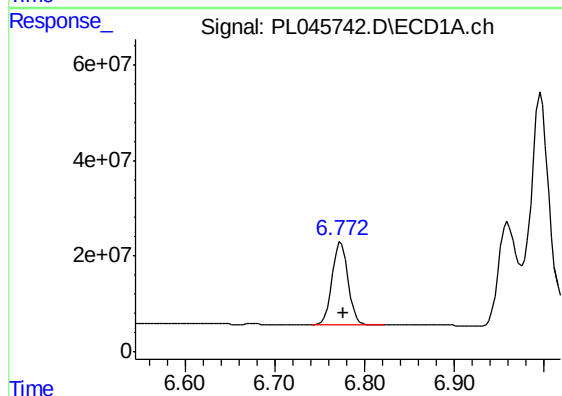
Manual Integrations  
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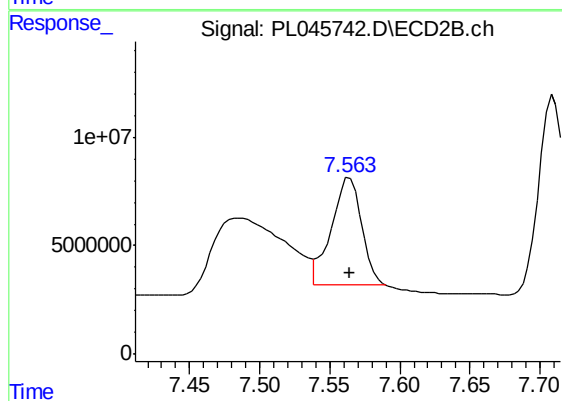
#19 Endosulfan Sulfate

R.T.: 7.240 min  
Delta R.T.: 0.000 min  
Response: 117205266  
Conc: 52.10 ng/ml



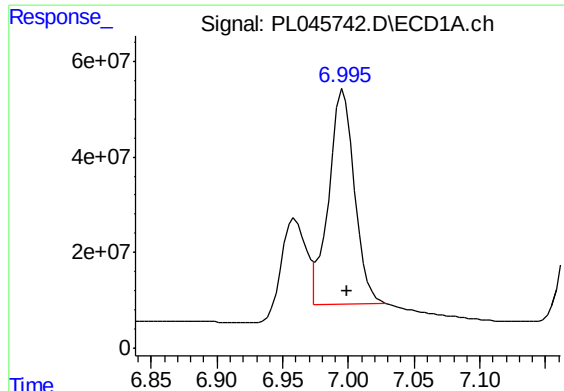
#20 Methoxychlor

R.T.: 6.774 min  
Delta R.T.: -0.003 min  
Response: 215194867  
Conc: 49.00 ng/ml



#20 Methoxychlor

R.T.: 7.563 min  
Delta R.T.: -0.001 min  
Response: 74962201  
Conc: 61.07 ng/ml m



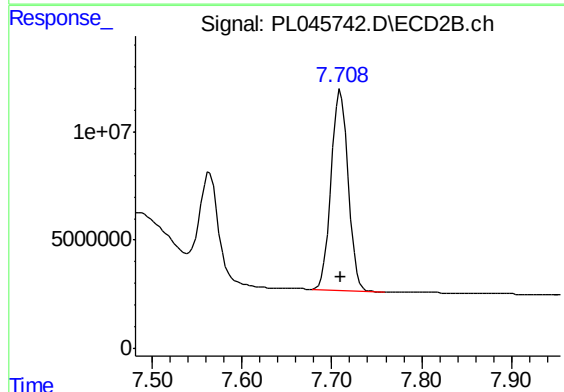
#21 Endrin ketone

R.T.: 6.995 min  
Delta R.T.: -0.004 min  
Response: 606450032  
Conc: 65.83 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
OK-01-030819MS

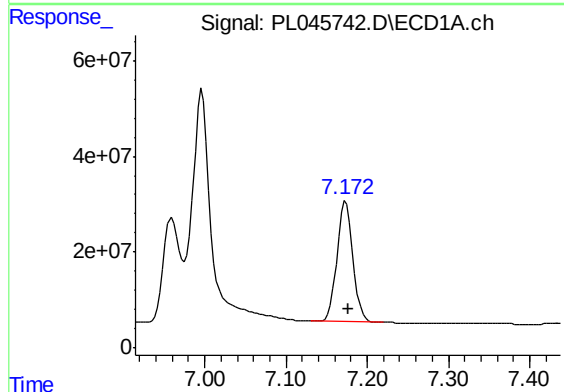
Manual Integrations  
APPROVED

Sohil  
3/13/2019 9:36:47 AM



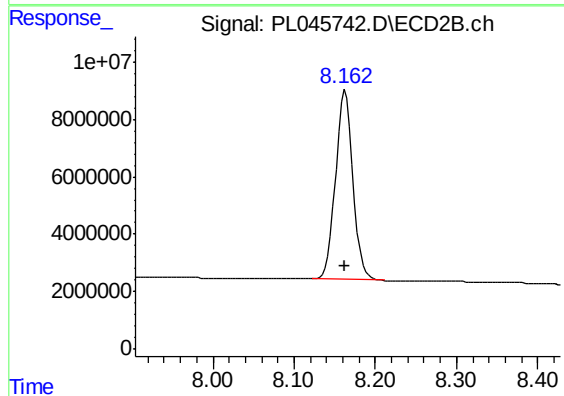
#21 Endrin ketone

R.T.: 7.710 min  
Delta R.T.: 0.000 min  
Response: 122320874  
Conc: 51.43 ng/ml



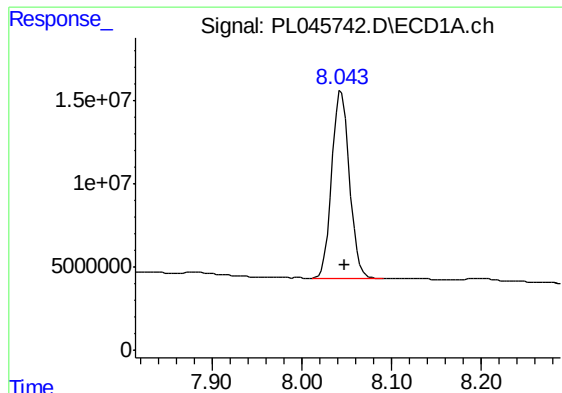
#22 Mirex

R.T.: 7.174 min  
Delta R.T.: -0.003 min  
Response: 344461747  
Conc: 46.30 ng/ml



#22 Mirex

R.T.: 8.163 min  
Delta R.T.: 0.000 min  
Response: 98555530  
Conc: 49.48 ng/ml



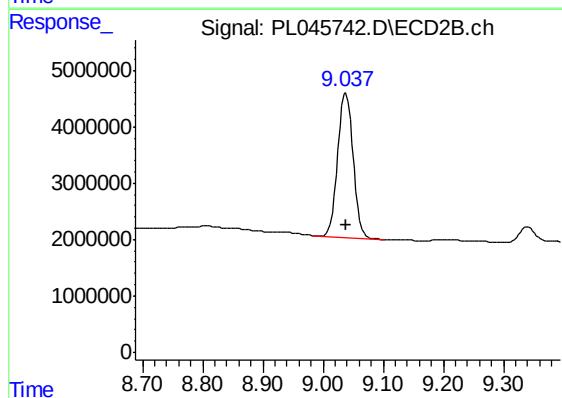
#28 Decachlorobiphenyl

R.T.: 8.044 min  
Delta R.T.: -0.003 min  
Response: 154566414  
Conc: 18.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OK-01-030819MS

Manual Integrations  
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3/13/2019 9:36:47 AM



#28 Decachlorobiphenyl

R.T.: 9.038 min  
Delta R.T.: 0.000 min  
Response: 45797976  
Conc: 20.04 ng/ml