

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL031720\  
 Data File : PL057441.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 17 Mar 2020 13:52  
 Operator : AJ\MA  
 Sample : PB127598BS  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB127598BS

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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 17 15:29:22 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL031420.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Mar 16 09:40:37 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... | 3.463 | 3.957 | 227.1E6 | 51151270 | 24.499 | 23.577  |
| 28)                         | SA Decachlor... | 8.210 | 8.979 | 212.7E6 | 49006084 | 20.099 | 22.101  |
| Target Compounds            |                 |       |       |         |          |        |         |
| 2)                          | A alpha-BHC     | 3.900 | 4.344 | 825.7E6 | 158.5E6  | 51.833 | 49.346  |
| 3)                          | MA gamma-BHC... | 4.183 | 4.626 | 746.6E6 | 152.6E6  | 51.943 | 48.636  |
| 4)                          | MA Heptachlor   | 4.484 | 5.128 | 766.5E6 | 156.7E6  | 51.610 | 49.779  |
| 5)                          | MB Aldrin       | 4.732 | 5.430 | 738.8E6 | 153.6E6  | 53.558 | 50.349  |
| 6)                          | B beta-BHC      | 4.435 | 4.798 | 317.6E6 | 82137629 | 54.029 | 56.948m |
| 7)                          | B delta-BHC     | 4.639 | 5.013 | 743.6E6 | 143.7E6  | 52.980 | 54.945  |
| 8)                          | B Heptachlo...  | 5.174 | 5.815 | 682.1E6 | 143.8E6  | 53.221 | 52.718  |
| 9)                          | A Endosulfan I  | 5.513 | 6.169 | 608.6E6 | 138.8E6  | 51.186 | 48.799  |
| 10)                         | B gamma-Chl...  | 5.401 | 6.048 | 675.5E6 | 152.3E6  | 51.799 | 49.414  |
| 11)                         | B alpha-Chl...  | 5.459 | 6.120 | 648.1E6 | 149.7E6  | 50.148 | 48.102  |
| 12)                         | B 4,4'-DDE      | 5.623 | 6.279 | 641.3E6 | 140.0E6  | 51.490 | 49.242  |
| 13)                         | MA Dieldrin     | 5.756 | 6.425 | 635.4E6 | 145.6E6  | 50.381 | 49.226  |
| 14)                         | MA Endrin       | 6.013 | 6.642 | 500.7E6 | 107.1E6  | 43.797 | 44.386  |
| 15)                         | B Endosulfa...  | 6.285 | 6.852 | 536.9E6 | 119.7E6  | 49.434 | 45.583  |
| 16)                         | A 4,4'-DDD      | 6.138 | 6.768 | 501.1E6 | 115.6E6  | 51.129 | 50.618  |
| 17)                         | MA 4,4'-DDT     | 6.378 | 7.065 | 450.6E6 | 94359922 | 45.183 | 41.429  |
| 18)                         | B Endrin al...  | 6.454 | 6.976 | 448.2E6 | 103.4E6  | 48.534 | 46.494  |
| 19)                         | B Endosulfa...  | 6.666 | 7.198 | 493.8E6 | 117.8E6  | 49.167 | 48.299  |
| 20)                         | A Methoxychlor  | 6.923 | 7.523 | 213.6E6 | 52606894 | 39.799 | 40.449m |
| 21)                         | B Endrin ke...  | 7.157 | 7.666 | 570.6E6 | 126.6E6  | 50.484 | 48.889  |
| 22)                         | Mirex           | 7.344 | 8.116 | 375.3E6 | 88236463 | 46.338 | 46.208  |
| -----                       |                 |       |       |         |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL031720\  
 Data File : PL057441.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 17 Mar 2020 13:52  
 Operator : AJ\MA  
 Sample : PB127598BS  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

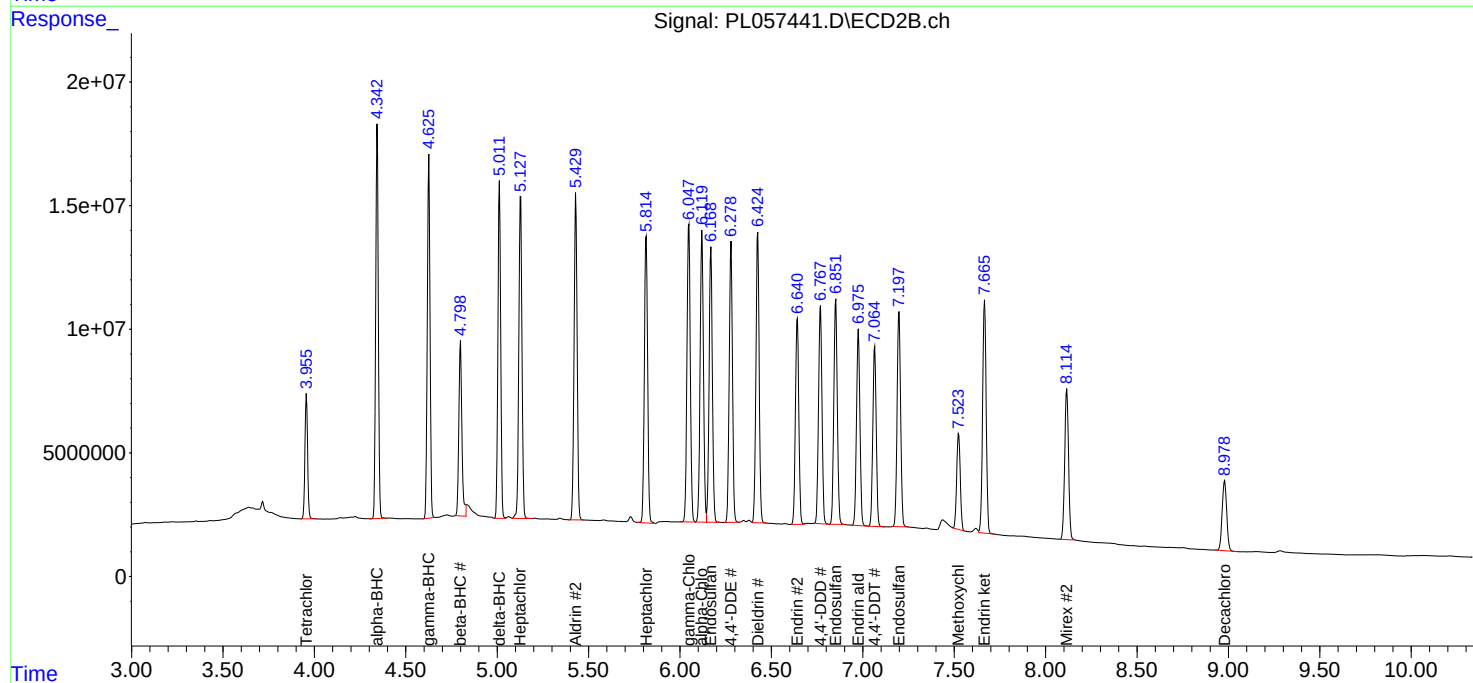
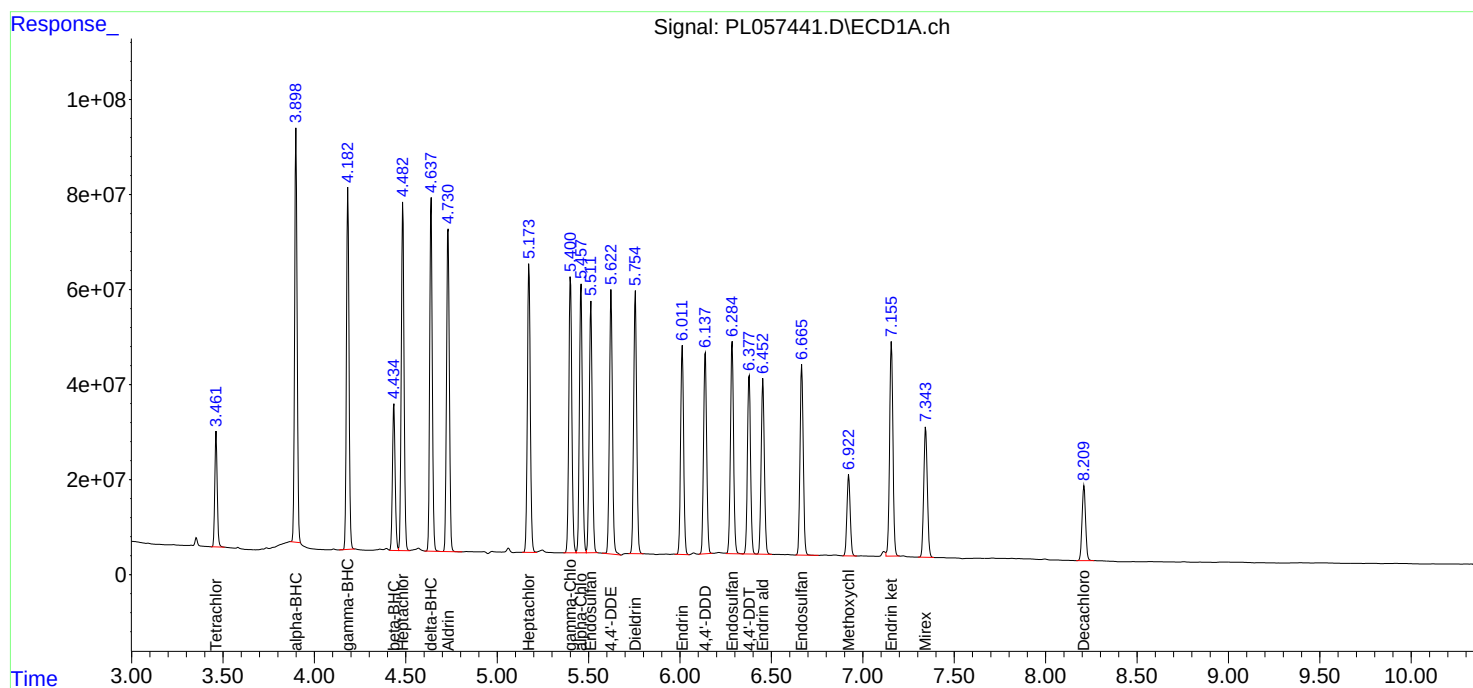
Instrument :  
 ECD\_L  
 ClientSampled :  
 PB127598BS

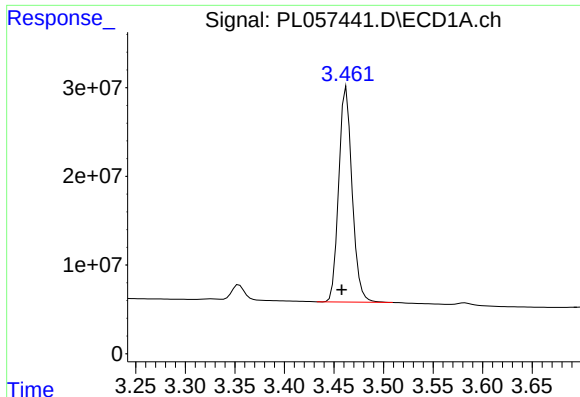
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 17 15:29:22 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL031420.M  
 Quant Title : GC Extractables  
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 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





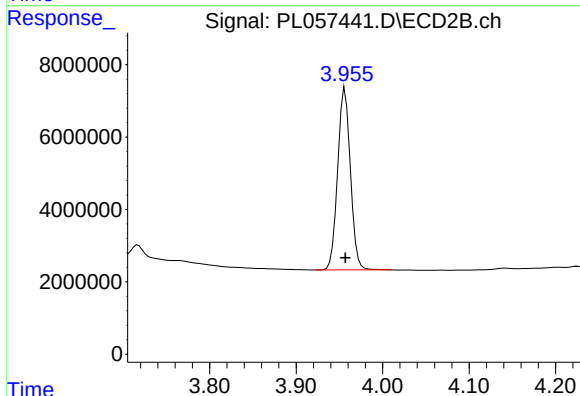
#1 Tetrachloro-m-xylene

R.T.: 3.463 min  
Delta R.T.: 0.005 min  
Response: 227086952  
Conc: 24.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB127598BS

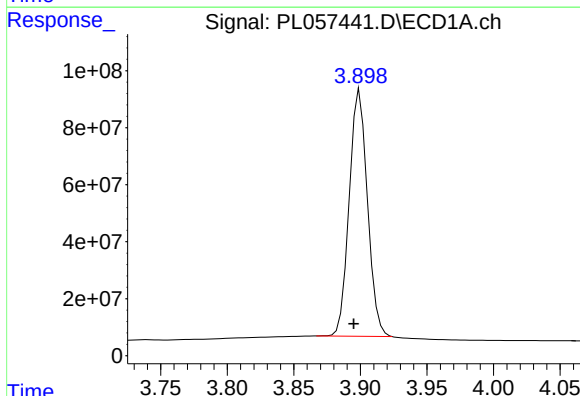
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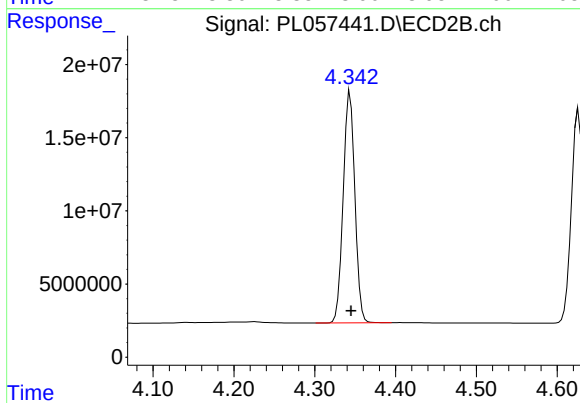
#1 Tetrachloro-m-xylene

R.T.: 3.957 min  
Delta R.T.: 0.000 min  
Response: 51151270  
Conc: 23.58 ng/ml



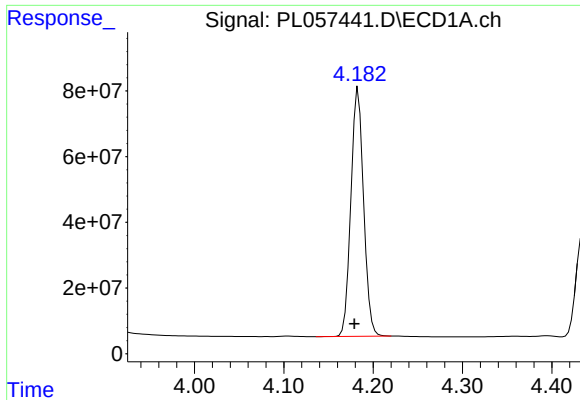
#2 alpha-BHC

R.T.: 3.900 min  
Delta R.T.: 0.005 min  
Response: 825666093  
Conc: 51.83 ng/ml



#2 alpha-BHC

R.T.: 4.344 min  
Delta R.T.: -0.001 min  
Response: 158501687  
Conc: 49.35 ng/ml



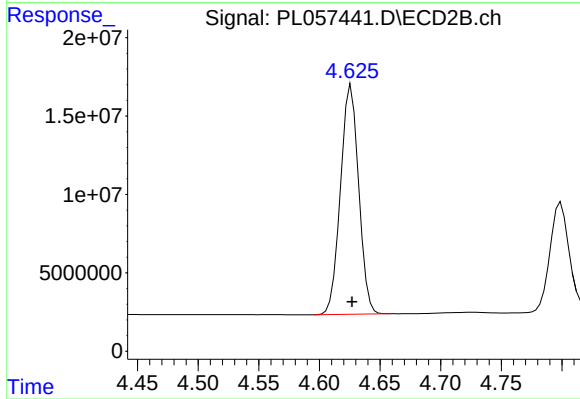
#3 gamma-BHC (Lindane)

R.T.: 4.183 min  
Delta R.T.: 0.004 min  
Response: 746562248  
Conc: 51.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB127598BS

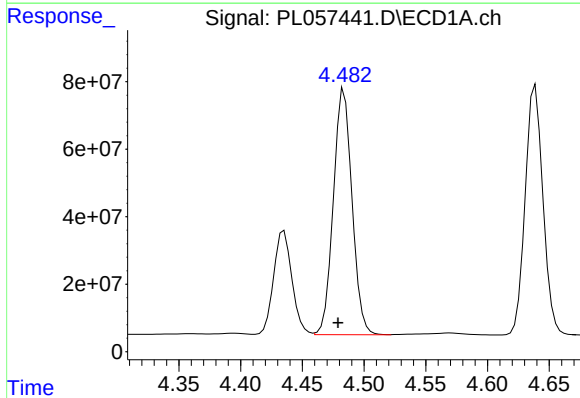
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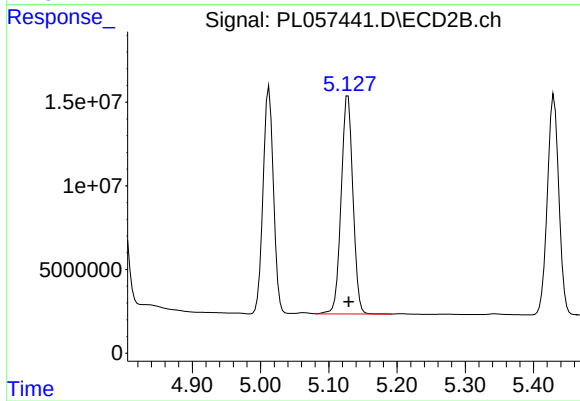
#3 gamma-BHC (Lindane)

R.T.: 4.626 min  
Delta R.T.: 0.000 min  
Response: 152591285  
Conc: 48.64 ng/ml



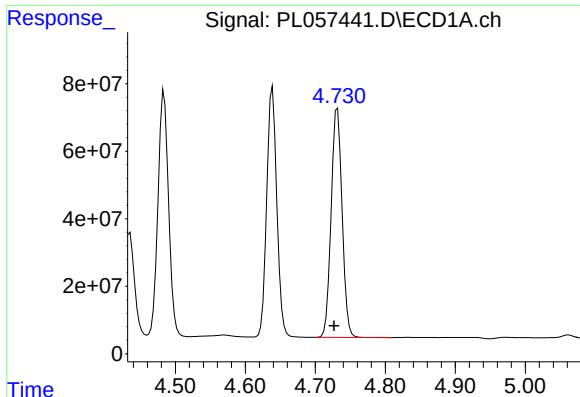
#4 Heptachlor

R.T.: 4.484 min  
Delta R.T.: 0.005 min  
Response: 766529154  
Conc: 51.61 ng/ml



#4 Heptachlor

R.T.: 5.128 min  
Delta R.T.: 0.000 min  
Response: 156691456  
Conc: 49.78 ng/ml



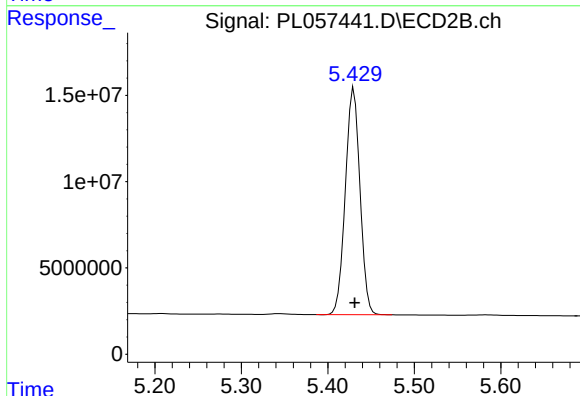
#5 Aldrin

R.T.: 4.732 min  
Delta R.T.: 0.005 min  
Response: 738801363  
Conc: 53.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB127598BS

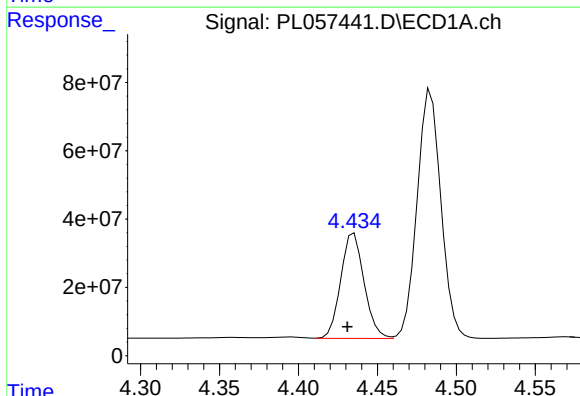
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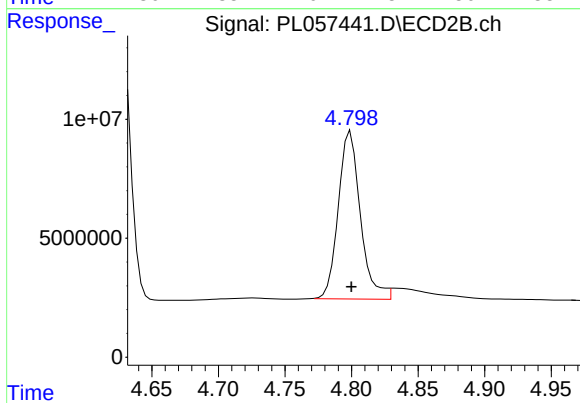
#5 Aldrin

R.T.: 5.430 min  
Delta R.T.: 0.000 min  
Response: 153599620  
Conc: 50.35 ng/ml



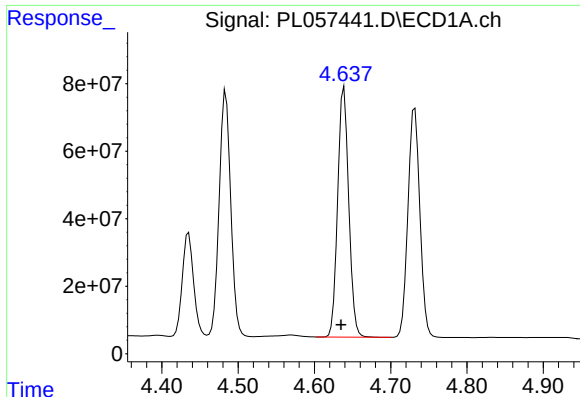
#6 beta-BHC

R.T.: 4.435 min  
Delta R.T.: 0.004 min  
Response: 317640232  
Conc: 54.03 ng/ml



#6 beta-BHC

R.T.: 4.798 min  
Delta R.T.: -0.002 min  
Response: 82137629  
Conc: 56.95 ng/ml m



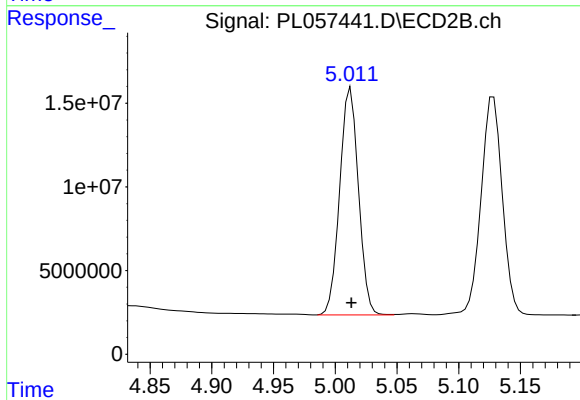
#7 delta-BHC

R.T.: 4.639 min  
Delta R.T.: 0.004 min  
Response: 743586694  
Conc: 52.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB127598BS

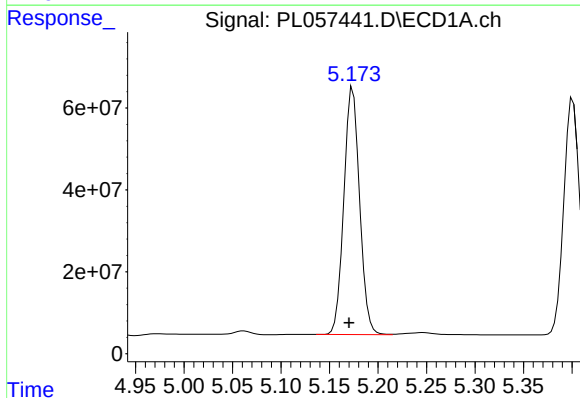
Manual Integrations  
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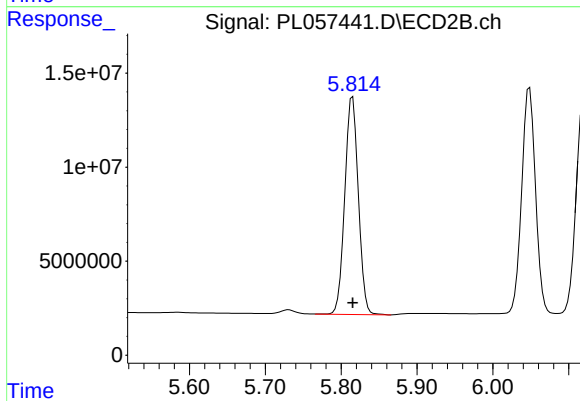
#7 delta-BHC

R.T.: 5.013 min  
Delta R.T.: 0.000 min  
Response: 143715725  
Conc: 54.94 ng/ml



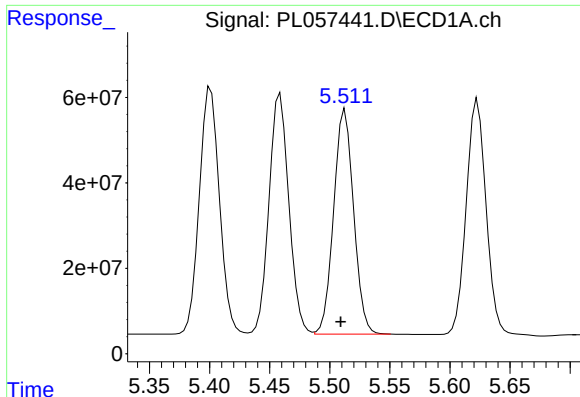
#8 Heptachlor epoxide

R.T.: 5.174 min  
Delta R.T.: 0.004 min  
Response: 682072969  
Conc: 53.22 ng/ml



#8 Heptachlor epoxide

R.T.: 5.815 min  
Delta R.T.: 0.000 min  
Response: 143848541  
Conc: 52.72 ng/ml



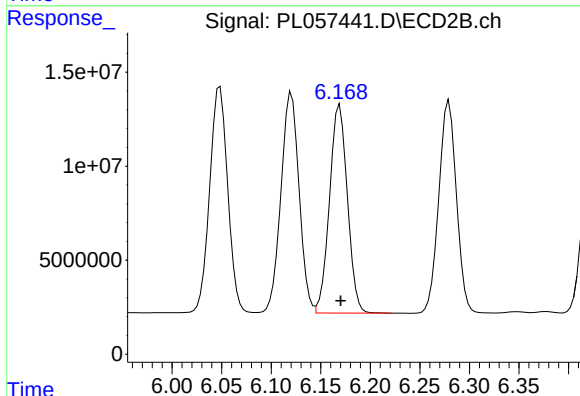
#9 Endosulfan I

R.T.: 5.513 min  
Delta R.T.: 0.004 min  
Response: 608595460  
Conc: 51.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB127598BS

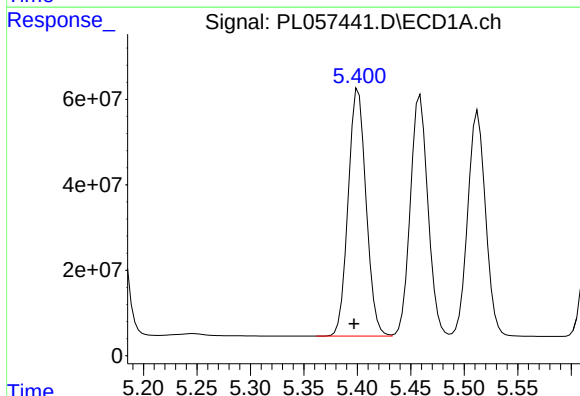
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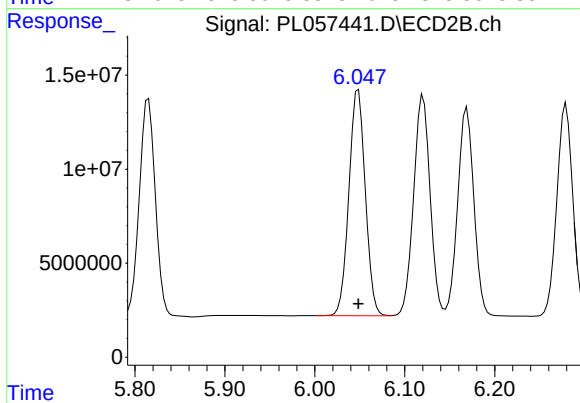
#9 Endosulfan I

R.T.: 6.169 min  
Delta R.T.: 0.000 min  
Response: 138849748  
Conc: 48.80 ng/ml



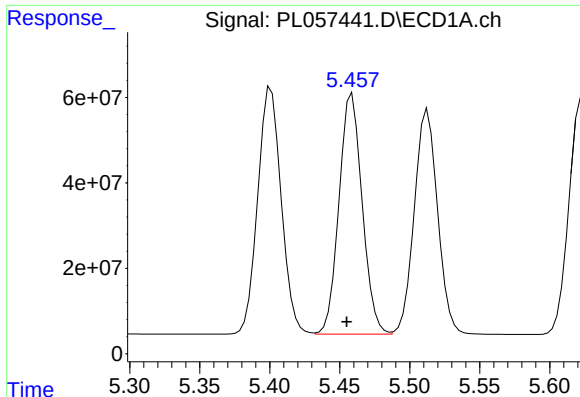
#10 gamma-Chlordane

R.T.: 5.401 min  
Delta R.T.: 0.004 min  
Response: 675467832  
Conc: 51.80 ng/ml



#10 gamma-Chlordane

R.T.: 6.048 min  
Delta R.T.: 0.000 min  
Response: 152300499  
Conc: 49.41 ng/ml



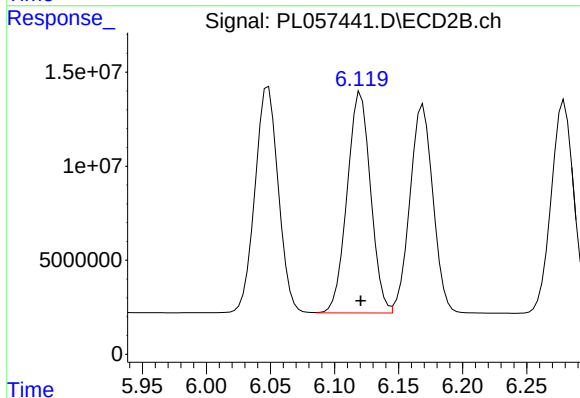
#11 alpha-Chlordane

R.T.: 5.459 min  
Delta R.T.: 0.004 min  
Response: 648051580  
Conc: 50.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB127598BS

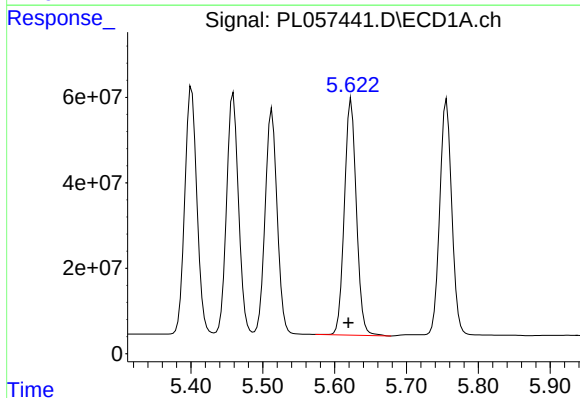
Manual Integrations  
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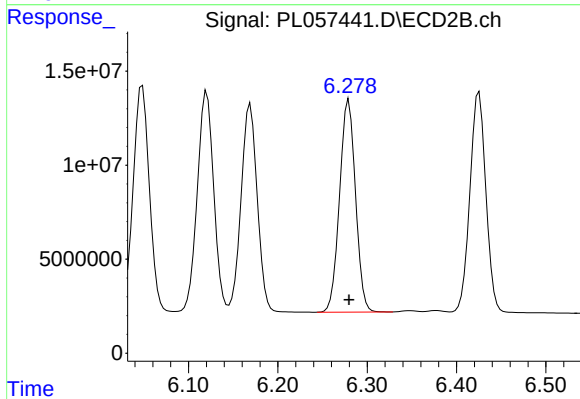
#11 alpha-Chlordane

R.T.: 6.120 min  
Delta R.T.: 0.000 min  
Response: 149723755  
Conc: 48.10 ng/ml



#12 4,4'-DDE

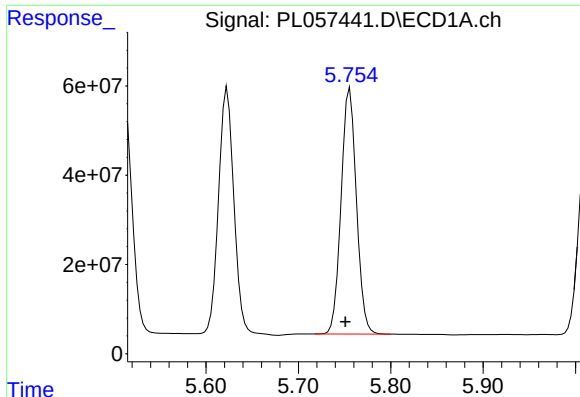
R.T.: 5.623 min  
Delta R.T.: 0.004 min  
Response: 641346002  
Conc: 51.49 ng/ml



#12 4,4'-DDE

R.T.: 6.279 min  
Delta R.T.: 0.000 min  
Response: 139968699  
Conc: 49.24 ng/ml





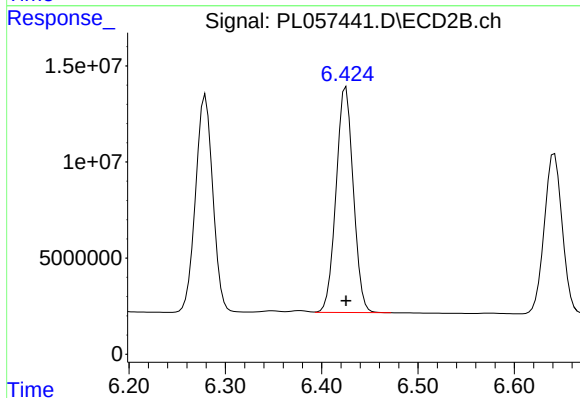
#13 Dieldrin

R.T.: 5.756 min  
Delta R.T.: 0.005 min  
Response: 635432753  
Conc: 50.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB127598BS

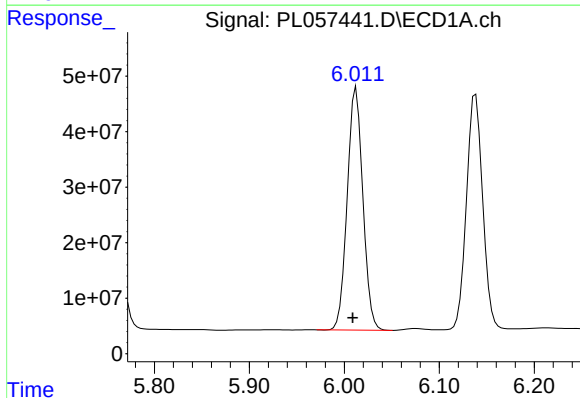
Manual Integrations  
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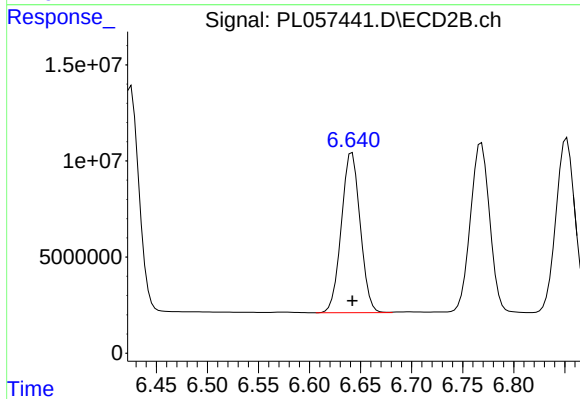
#13 Dieldrin

R.T.: 6.425 min  
Delta R.T.: 0.000 min  
Response: 145608157  
Conc: 49.23 ng/ml



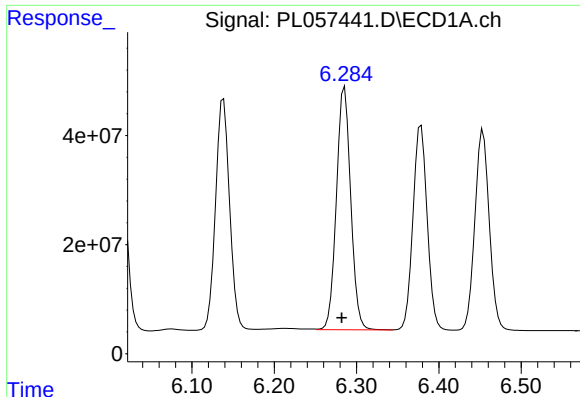
#14 Endrin

R.T.: 6.013 min  
Delta R.T.: 0.004 min  
Response: 500660095  
Conc: 43.80 ng/ml



#14 Endrin

R.T.: 6.642 min  
Delta R.T.: 0.000 min  
Response: 107093767  
Conc: 44.39 ng/ml



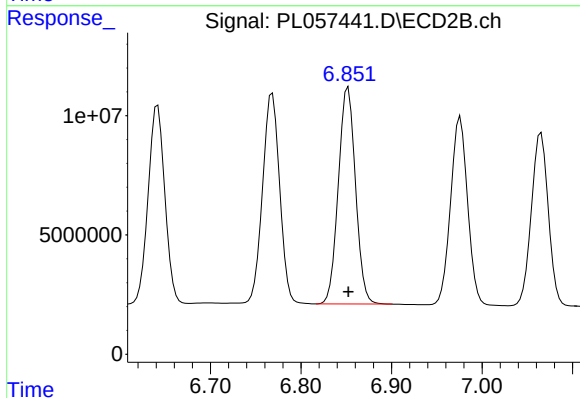
#15 Endosulfan II

R.T.: 6.285 min  
Delta R.T.: 0.003 min  
Response: 536899947  
Conc: 49.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB127598BS

Manual Integrations  
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#15 Endosulfan II

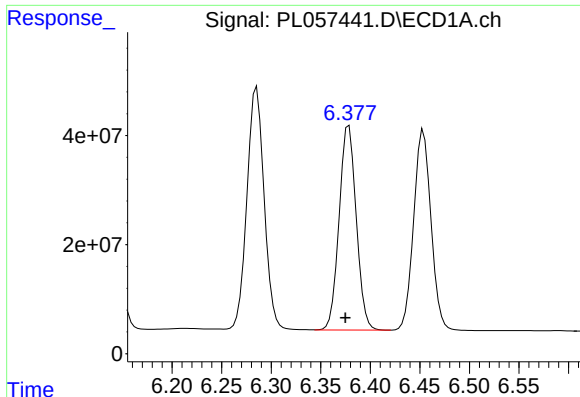
R.T.: 6.852 min  
Delta R.T.: 0.000 min  
Response: 119739964  
Conc: 45.58 ng/ml

#16 4,4'-DDD

R.T.: 6.138 min  
Delta R.T.: 0.004 min  
Response: 501135593  
Conc: 51.13 ng/ml

#16 4,4'-DDD

R.T.: 6.768 min  
Delta R.T.: 0.000 min  
Response: 115597079  
Conc: 50.62 ng/ml



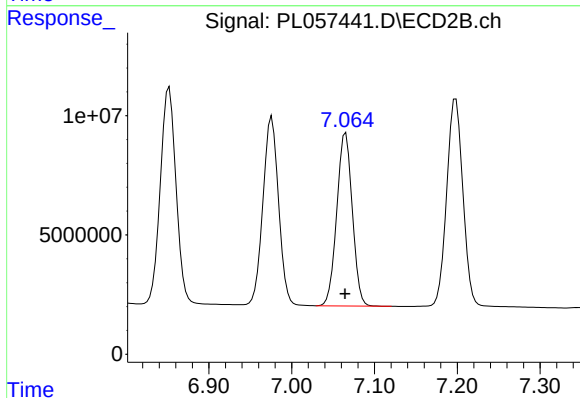
#17 4,4'-DDT

R.T.: 6.378 min  
Delta R.T.: 0.003 min  
Response: 450597096  
Conc: 45.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB127598BS

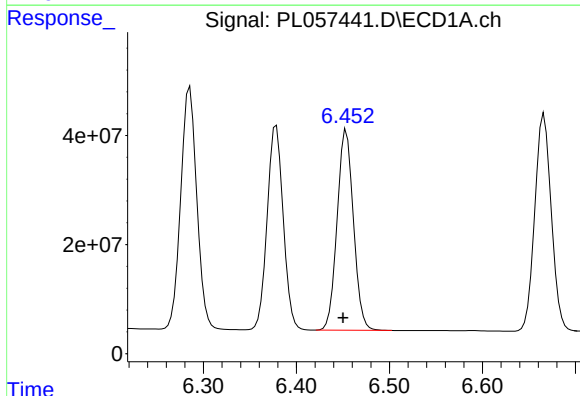
Manual Integrations  
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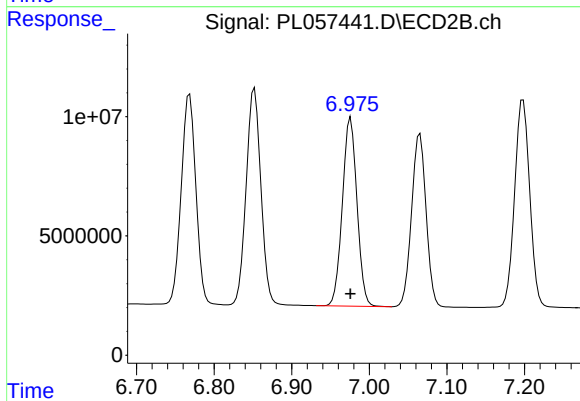
#17 4,4'-DDT

R.T.: 7.065 min  
Delta R.T.: 0.000 min  
Response: 94359922  
Conc: 41.43 ng/ml



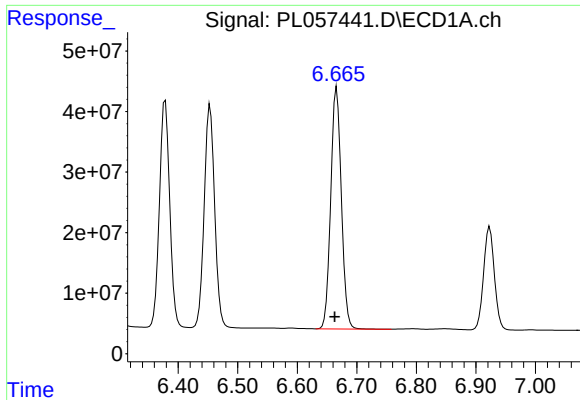
#18 Endrin aldehyde

R.T.: 6.454 min  
Delta R.T.: 0.004 min  
Response: 448225878  
Conc: 48.53 ng/ml



#18 Endrin aldehyde

R.T.: 6.976 min  
Delta R.T.: 0.000 min  
Response: 103359486  
Conc: 46.49 ng/ml



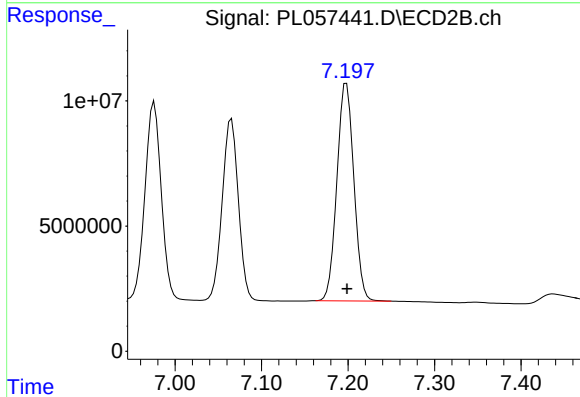
#19 Endosulfan Sulfate

R.T.: 6.666 min  
Delta R.T.: 0.003 min  
Response: 493758123  
Conc: 49.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB127598BS

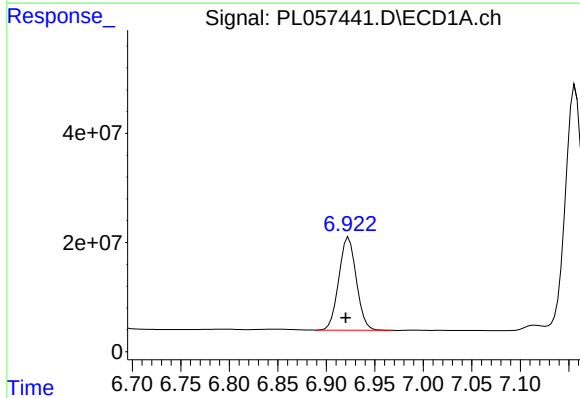
Manual Integrations  
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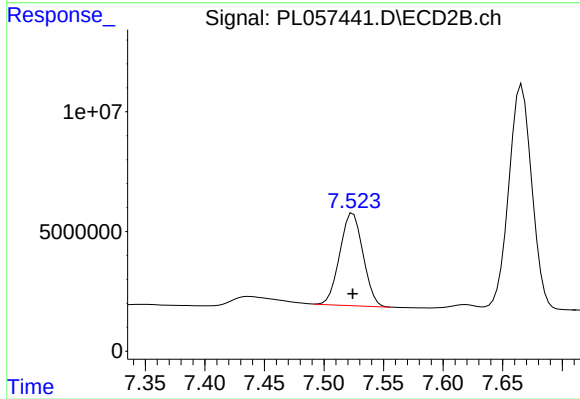
#19 Endosulfan Sulfate

R.T.: 7.198 min  
Delta R.T.: 0.000 min  
Response: 117803536  
Conc: 48.30 ng/ml



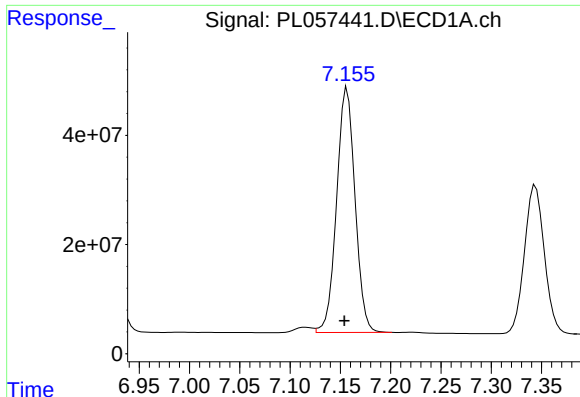
#20 Methoxychlor

R.T.: 6.923 min  
Delta R.T.: 0.003 min  
Response: 213557131  
Conc: 39.80 ng/ml



#20 Methoxychlor

R.T.: 7.523 min  
Delta R.T.: -0.001 min  
Response: 52606894  
Conc: 40.45 ng/ml m



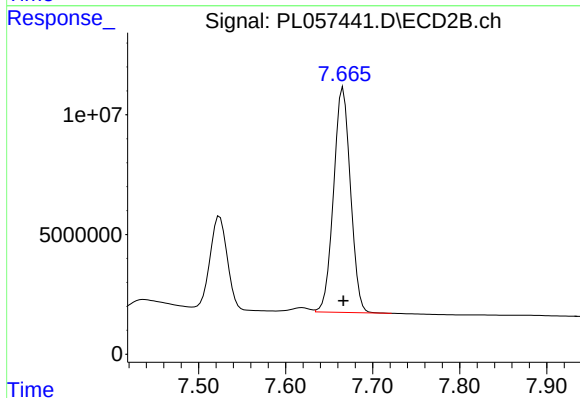
#21 Endrin ketone

R.T.: 7.157 min  
Delta R.T.: 0.003 min  
Response: 570598531  
Conc: 50.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB127598BS

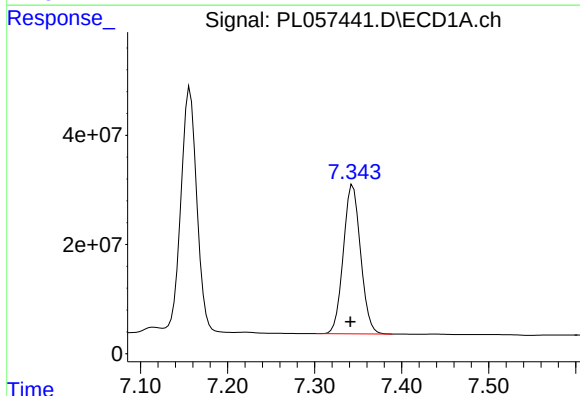
Manual Integrations  
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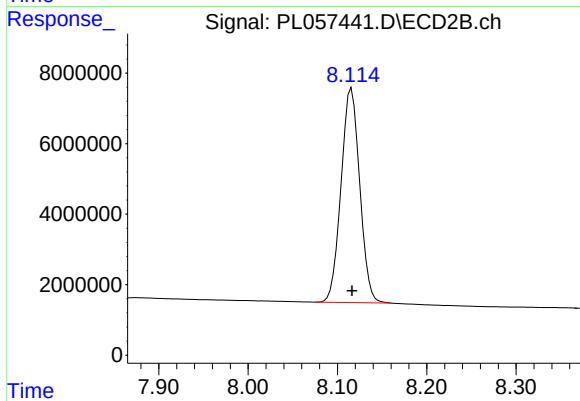
#21 Endrin ketone

R.T.: 7.666 min  
Delta R.T.: 0.000 min  
Response: 126555208  
Conc: 48.89 ng/ml



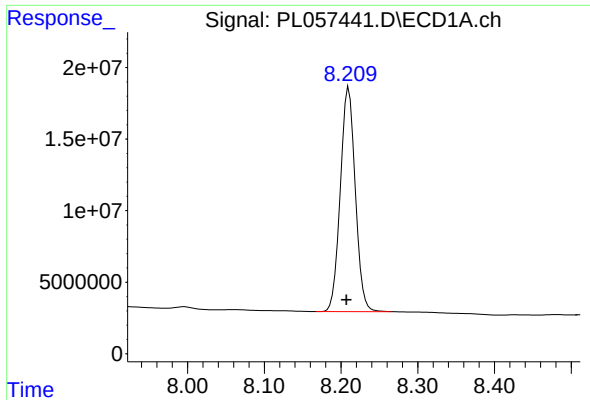
#22 Mirex

R.T.: 7.344 min  
Delta R.T.: 0.003 min  
Response: 375306450  
Conc: 46.34 ng/ml



#22 Mirex

R.T.: 8.116 min  
Delta R.T.: 0.000 min  
Response: 88236463  
Conc: 46.21 ng/ml



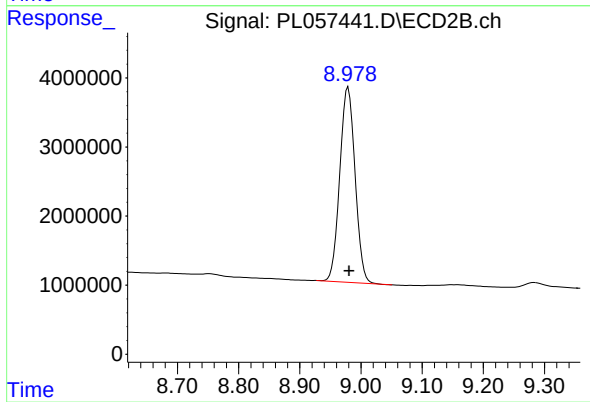
#28 Decachlorobiphenyl

R.T.: 8.210 min  
Delta R.T.: 0.003 min  
Response: 212676760  
Conc: 20.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB127598BS

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#28 Decachlorobiphenyl

R.T.: 8.979 min  
Delta R.T.: -0.001 min  
Response: 49006084  
Conc: 22.10 ng/ml