

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL010220\  
 Data File : PL055471.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 02 Jan 2020 16:53  
 Operator : SG\AJ  
 Sample : PB125858BS  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB125858BS

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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 02 22:07:57 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL122119.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Dec 21 05:21:06 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... | 3.535 | 4.048 | 169.2E6 | 47987786 | 16.092  | 18.162 |
| 28)                         | SA Decachlor... | 8.314 | 9.149 | 163.8E6 | 39368356 | 17.654  | 17.834 |
| Target Compounds            |                 |       |       |         |          |         |        |
| 2)                          | A alpha-BHC     | 3.978 | 4.439 | 832.0E6 | 193.4E6  | 47.825  | 52.502 |
| 3)                          | MA gamma-BHC... | 4.264 | 4.724 | 765.7E6 | 178.7E6  | 46.442  | 52.274 |
| 4)                          | MA Heptachlor   | 4.569 | 5.234 | 805.4E6 | 167.9E6  | 49.331  | 53.377 |
| 5)                          | MB Aldrin       | 4.820 | 5.539 | 755.2E6 | 154.3E6  | 49.461  | 53.579 |
| 6)                          | B beta-BHC      | 4.515 | 4.896 | 329.5E6 | 80196179 | 48.045  | 48.835 |
| 7)                          | B delta-BHC     | 4.722 | 5.114 | 724.2E6 | 141.0E6  | 47.844  | 50.430 |
| 8)                          | B Heptachlo...  | 5.265 | 5.926 | 690.5E6 | 133.0E6  | 48.324  | 52.188 |
| 9)                          | A Endosulfan I  | 5.607 | 6.285 | 645.9E6 | 125.3E6  | 48.881  | 50.570 |
| 10)                         | B gamma-Chl...  | 5.492 | 6.162 | 704.3E6 | 138.1E6  | 48.338m | 52.036 |
| 11)                         | B alpha-Chl...  | 5.552 | 6.234 | 683.0E6 | 135.5E6  | 48.515  | 51.677 |
| 12)                         | B 4,4'-DDE      | 5.715 | 6.391 | 666.7E6 | 125.7E6  | 50.027  | 51.538 |
| 13)                         | MA Dieldrin     | 5.852 | 6.543 | 689.6E6 | 133.6E6  | 49.399  | 52.363 |
| 14)                         | MA Endrin       | 6.110 | 6.761 | 630.9E6 | 115.1E6  | 49.643  | 53.656 |
| 15)                         | B Endosulfa...  | 6.383 | 6.972 | 561.6E6 | 119.8E6  | 47.853  | 50.531 |
| 16)                         | A 4,4'-DDD      | 6.232 | 6.883 | 488.9E6 | 102.4E6  | 50.904  | 53.862 |
| 17)                         | MA 4,4'-DDT     | 6.474 | 7.183 | 525.1E6 | 104.7E6  | 52.163  | 53.354 |
| 18)                         | B Endrin al...  | 6.551 | 7.096 | 479.5E6 | 99002811 | 49.231  | 51.299 |
| 19)                         | B Endosulfa...  | 6.765 | 7.321 | 506.3E6 | 107.1E6  | 50.333  | 51.277 |
| 20)                         | A Methoxychlor  | 7.019 | 7.644 | 249.9E6 | 56871840 | 51.849  | 52.695 |
| 21)                         | B Endrin ke...  | 7.258 | 7.795 | 549.2E6 | 116.9E6  | 52.392  | 52.480 |
| 22)                         | Mirex           | 7.451 | 8.252 | 395.3E6 | 90444069 | 51.902  | 54.548 |
| -----                       |                 |       |       |         |          |         |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL010220\  
 Data File : PL055471.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 02 Jan 2020 16:53  
 Operator : SG\AJ  
 Sample : PB125858BS  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

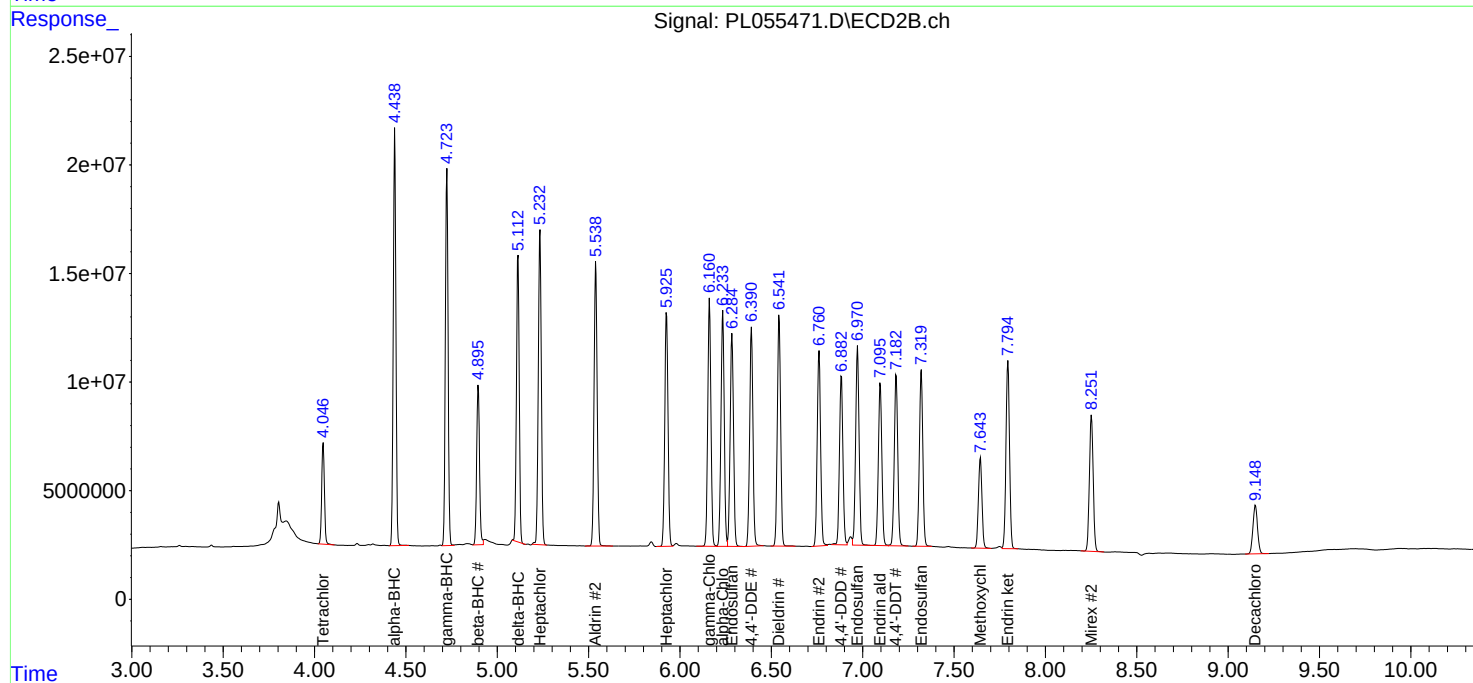
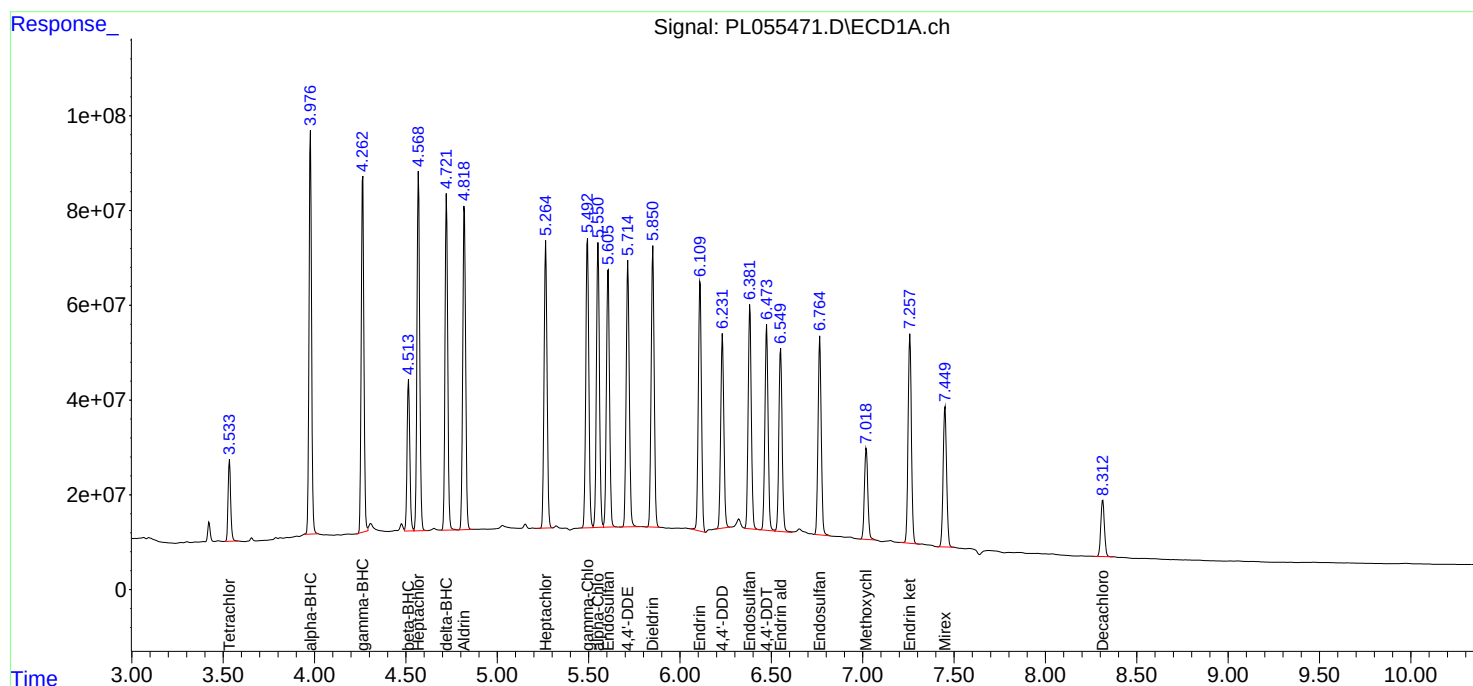
Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB125858BS

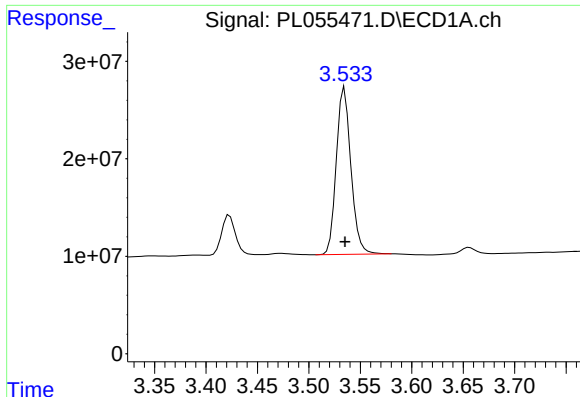
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 02 22:07:57 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL122119.M  
 Quant Title : GC Extractables  
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Volume 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





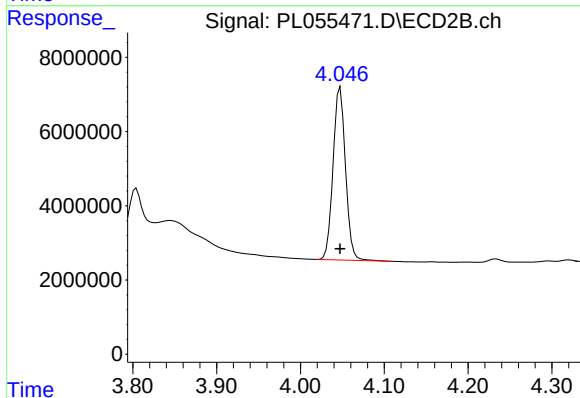
#1 Tetrachloro-m-xylene

R.T.: 3.535 min  
Delta R.T.: 0.000 min  
Response: 169229313  
Conc: 16.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB125858BS

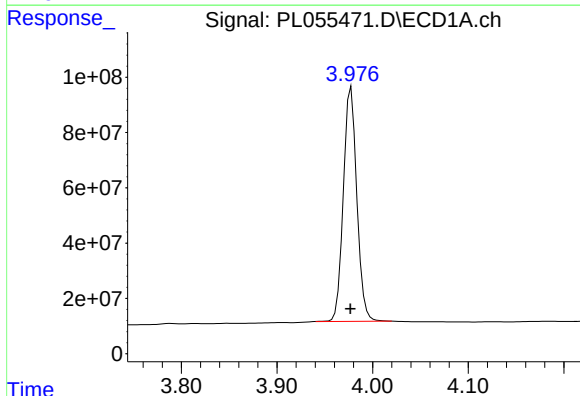
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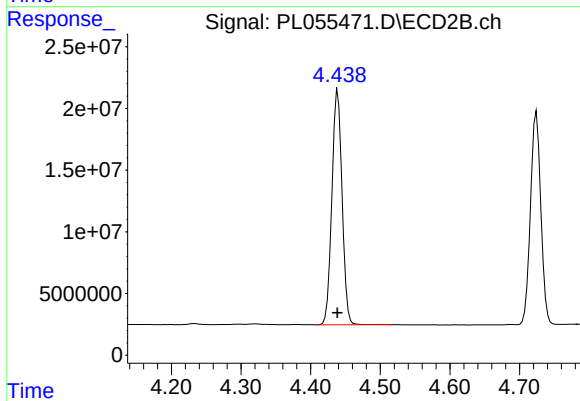
#1 Tetrachloro-m-xylene

R.T.: 4.048 min  
Delta R.T.: 0.000 min  
Response: 47987786  
Conc: 18.16 ng/ml



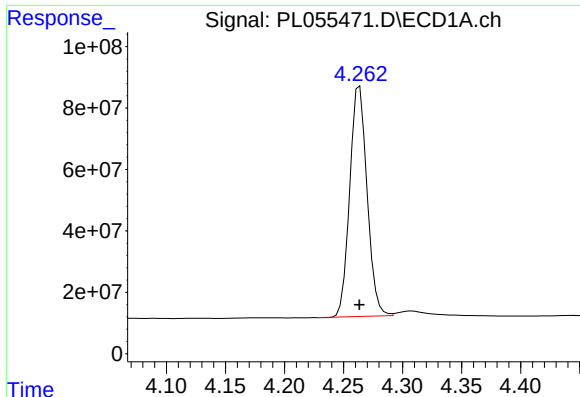
#2 alpha-BHC

R.T.: 3.978 min  
Delta R.T.: 0.000 min  
Response: 832024833  
Conc: 47.82 ng/ml



#2 alpha-BHC

R.T.: 4.439 min  
Delta R.T.: 0.000 min  
Response: 193353944  
Conc: 52.50 ng/ml



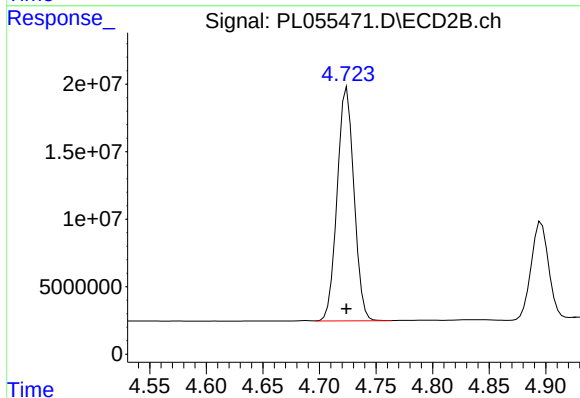
#3 gamma-BHC (Lindane)

R.T.: 4.264 min  
Delta R.T.: 0.000 min  
Response: 765741180  
Conc: 46.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB125858BS

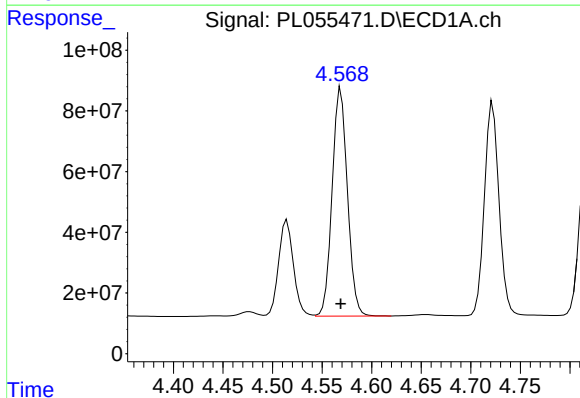
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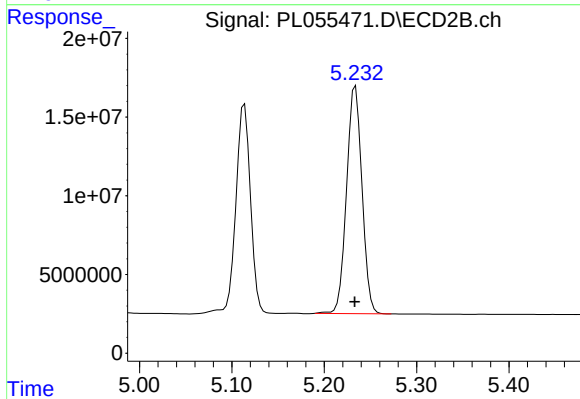
#3 gamma-BHC (Lindane)

R.T.: 4.724 min  
Delta R.T.: 0.000 min  
Response: 178702595  
Conc: 52.27 ng/ml



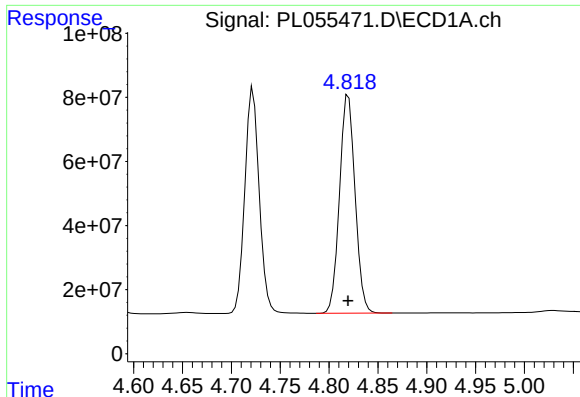
#4 Heptachlor

R.T.: 4.569 min  
Delta R.T.: 0.000 min  
Response: 805448366  
Conc: 49.33 ng/ml



#4 Heptachlor

R.T.: 5.234 min  
Delta R.T.: 0.000 min  
Response: 167929508  
Conc: 53.38 ng/ml



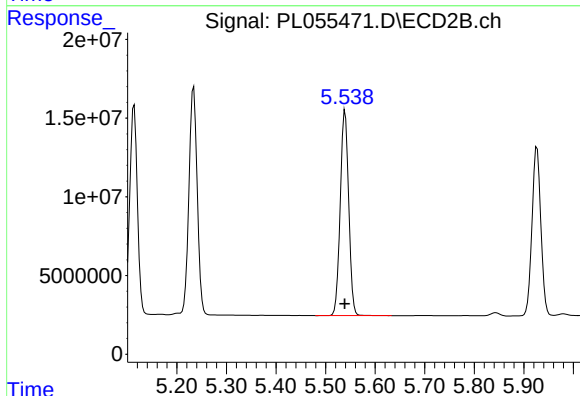
#5 Aldrin

R.T.: 4.820 min  
Delta R.T.: 0.000 min  
Response: 755238705  
Conc: 49.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB125858BS

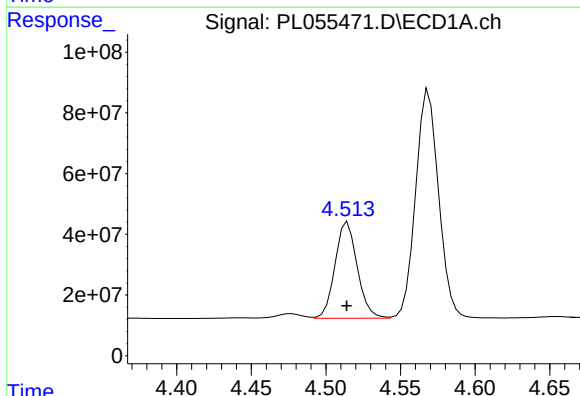
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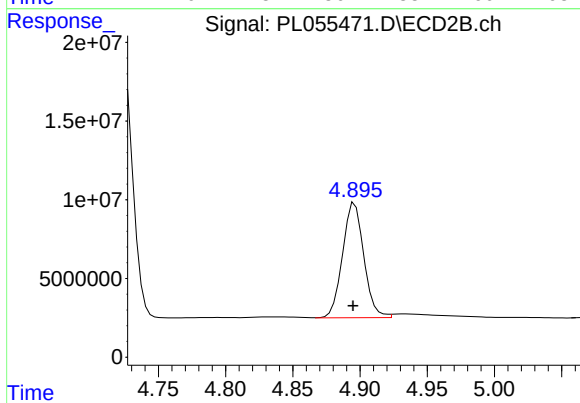
#5 Aldrin

R.T.: 5.539 min  
Delta R.T.: 0.001 min  
Response: 154279409  
Conc: 53.58 ng/ml



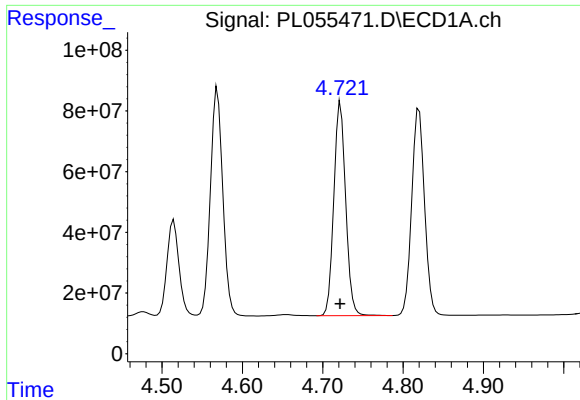
#6 beta-BHC

R.T.: 4.515 min  
Delta R.T.: 0.000 min  
Response: 329465294  
Conc: 48.04 ng/ml



#6 beta-BHC

R.T.: 4.896 min  
Delta R.T.: 0.001 min  
Response: 80196179  
Conc: 48.83 ng/ml



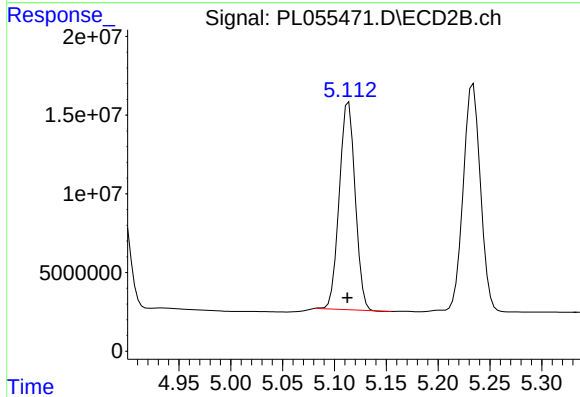
#7 delta-BHC

R.T.: 4.722 min  
Delta R.T.: 0.000 min  
Response: 724179744  
Conc: 47.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB125858BS

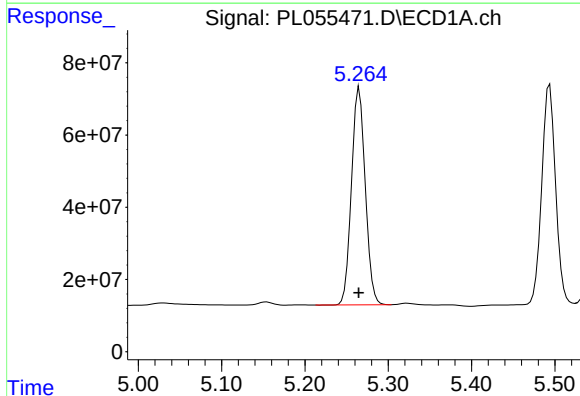
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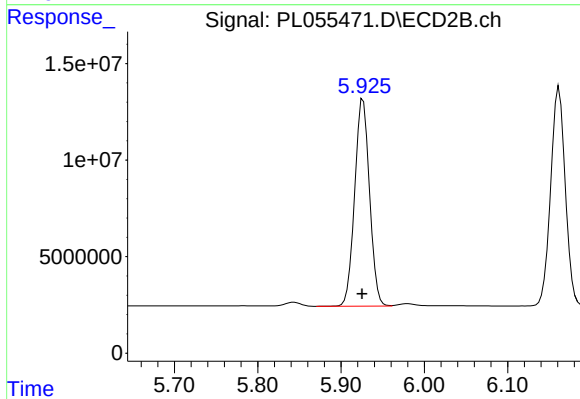
#7 delta-BHC

R.T.: 5.114 min  
Delta R.T.: 0.001 min  
Response: 141017365  
Conc: 50.43 ng/ml



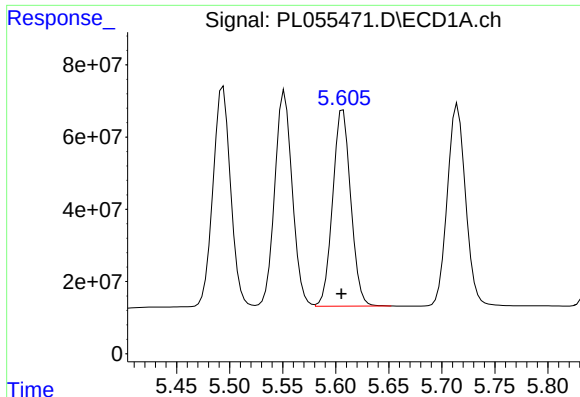
#8 Heptachlor epoxide

R.T.: 5.265 min  
Delta R.T.: 0.000 min  
Response: 690505710  
Conc: 48.32 ng/ml



#8 Heptachlor epoxide

R.T.: 5.926 min  
Delta R.T.: 0.001 min  
Response: 133018717  
Conc: 52.19 ng/ml



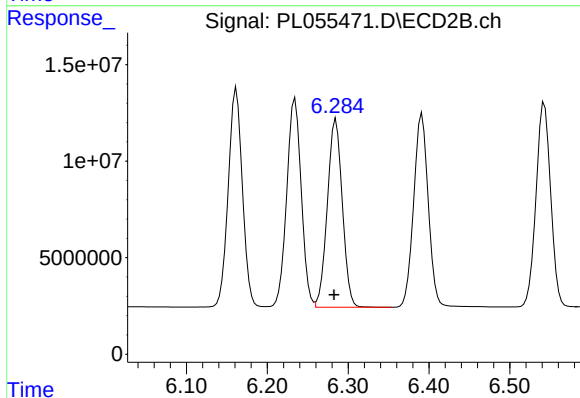
#9 Endosulfan I

R.T.: 5.607 min  
Delta R.T.: 0.002 min  
Response: 645862813  
Conc: 48.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB125858BS

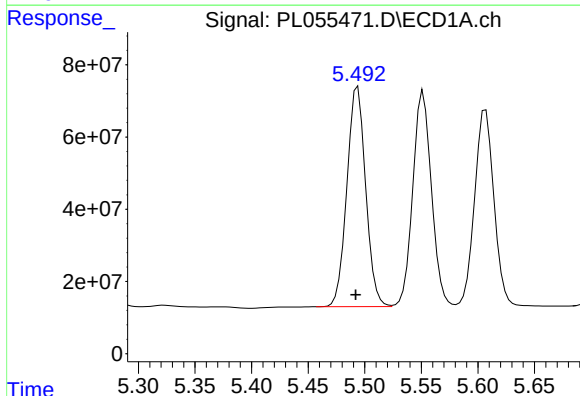
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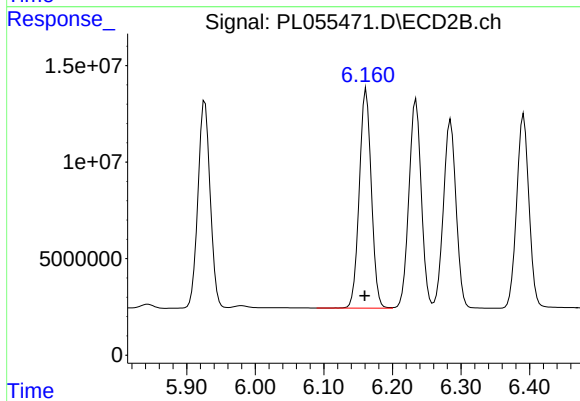
#9 Endosulfan I

R.T.: 6.285 min  
Delta R.T.: 0.002 min  
Response: 125253715  
Conc: 50.57 ng/ml



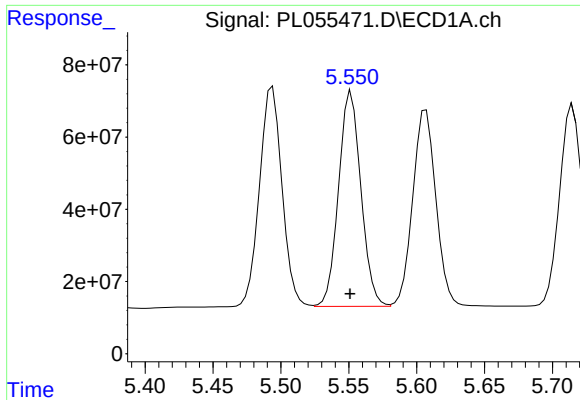
#10 gamma-Chlordane

R.T.: 5.492 min  
Delta R.T.: 0.000 min  
Response: 704285531  
Conc: 48.34 ng/ml m



#10 gamma-Chlordane

R.T.: 6.162 min  
Delta R.T.: 0.002 min  
Response: 138111477  
Conc: 52.04 ng/ml



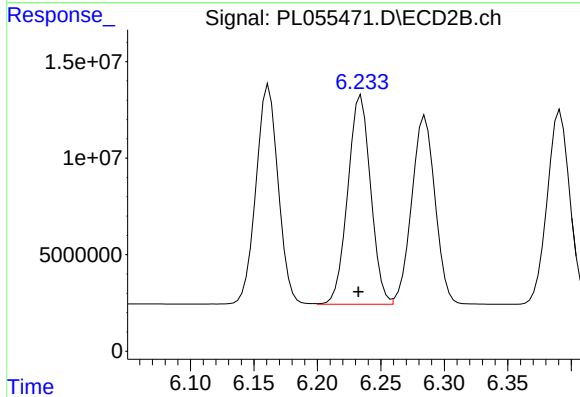
#11 alpha-Chlordane

R.T.: 5.552 min  
Delta R.T.: 0.000 min  
Response: 683038316  
Conc: 48.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB125858BS

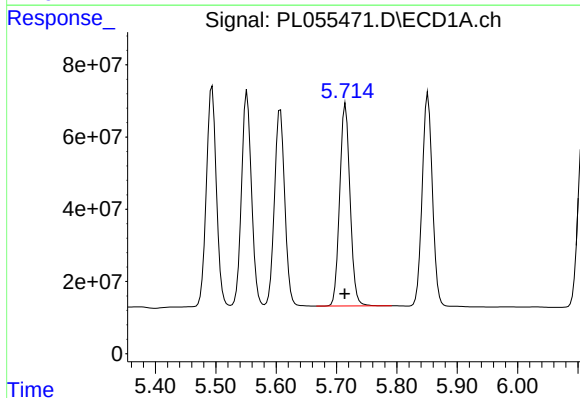
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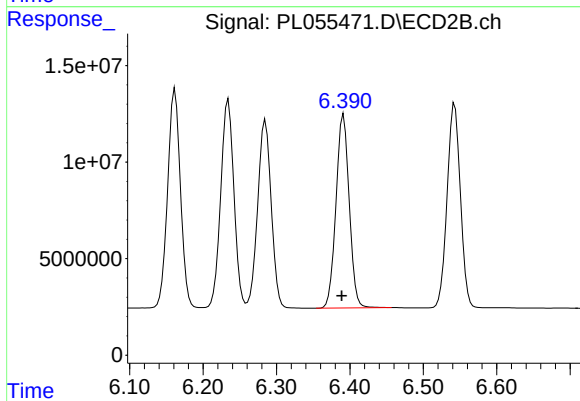
#11 alpha-Chlordane

R.T.: 6.234 min  
Delta R.T.: 0.002 min  
Response: 135512109  
Conc: 51.68 ng/ml



#12 4,4'-DDE

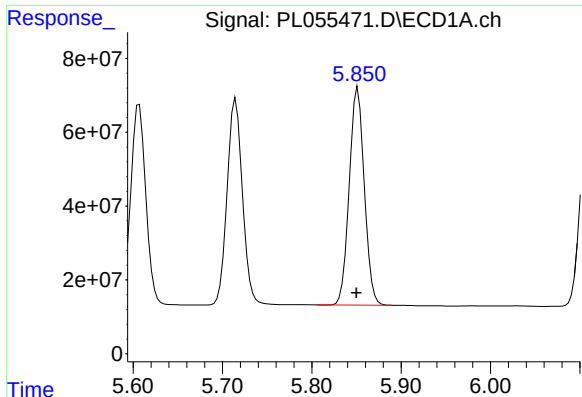
R.T.: 5.715 min  
Delta R.T.: 0.002 min  
Response: 666671917  
Conc: 50.03 ng/ml



#12 4,4'-DDE

R.T.: 6.391 min  
Delta R.T.: 0.003 min  
Response: 125661996  
Conc: 51.54 ng/ml





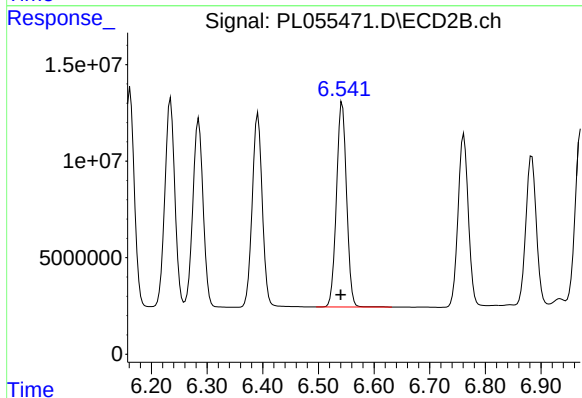
#13 Dieldrin

R.T.: 5.852 min  
Delta R.T.: 0.002 min  
Response: 689608207  
Conc: 49.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB125858BS

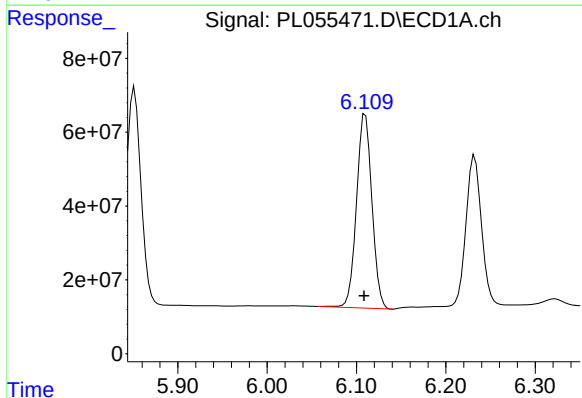
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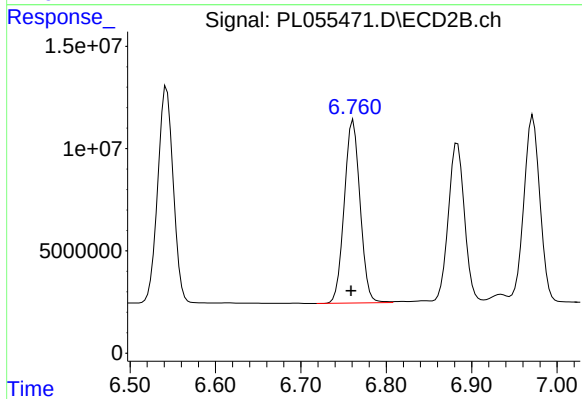
#13 Dieldrin

R.T.: 6.543 min  
Delta R.T.: 0.003 min  
Response: 133632722  
Conc: 52.36 ng/ml



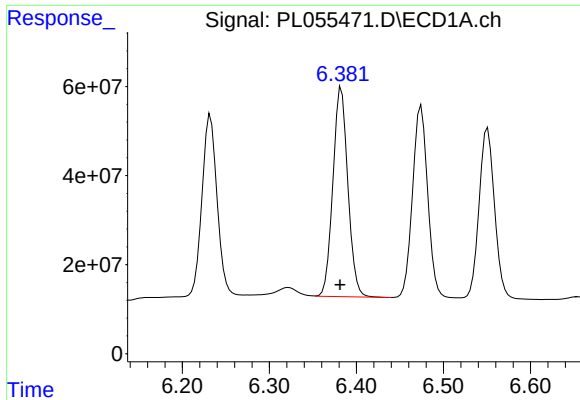
#14 Endrin

R.T.: 6.110 min  
Delta R.T.: 0.002 min  
Response: 630949258  
Conc: 49.64 ng/ml



#14 Endrin

R.T.: 6.761 min  
Delta R.T.: 0.003 min  
Response: 115144270  
Conc: 53.66 ng/ml



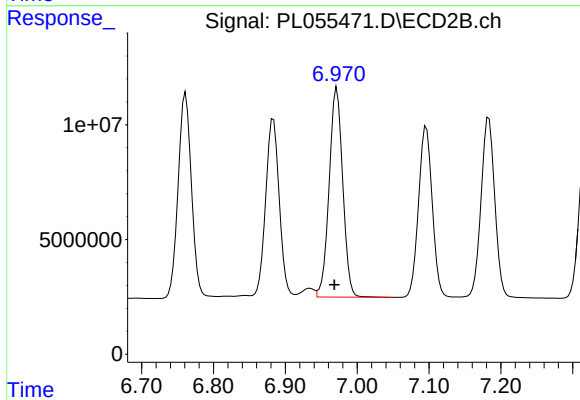
#15 Endosulfan II

R.T.: 6.383 min  
Delta R.T.: 0.002 min  
Response: 561636991  
Conc: 47.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB125858BS

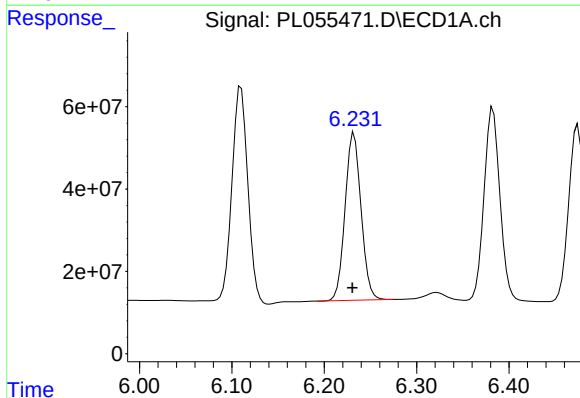
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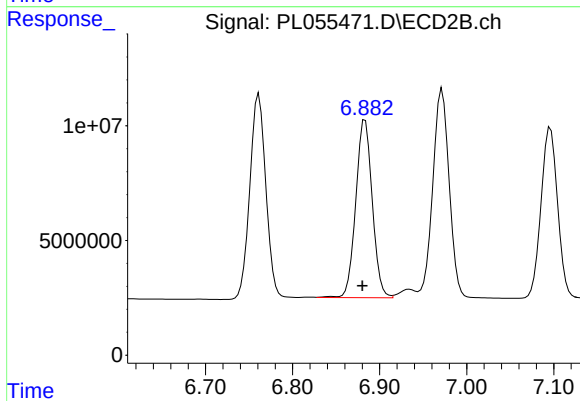
#15 Endosulfan II

R.T.: 6.972 min  
Delta R.T.: 0.003 min  
Response: 119795948  
Conc: 50.53 ng/ml



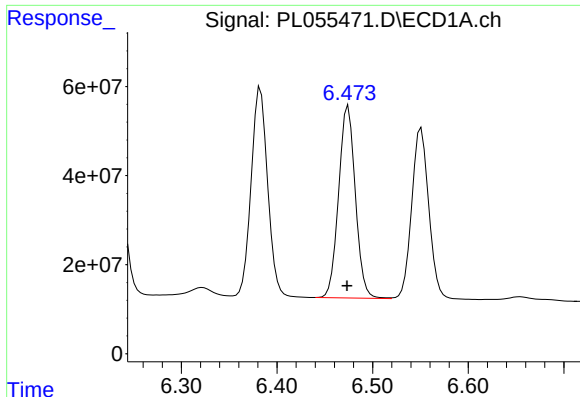
#16 4,4'-DDD

R.T.: 6.232 min  
Delta R.T.: 0.002 min  
Response: 488913716  
Conc: 50.90 ng/ml



#16 4,4'-DDD

R.T.: 6.883 min  
Delta R.T.: 0.003 min  
Response: 102396656  
Conc: 53.86 ng/ml



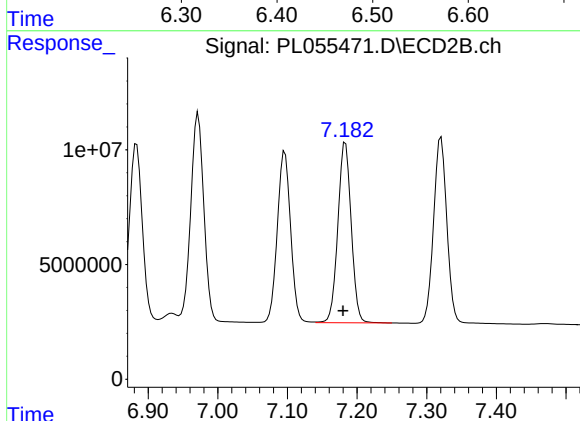
#17 4,4'-DDT

R.T.: 6.474 min  
Delta R.T.: 0.001 min  
Response: 525126373  
Conc: 52.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB125858BS

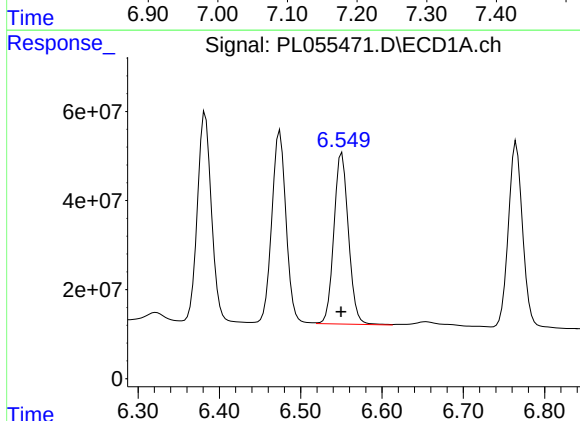
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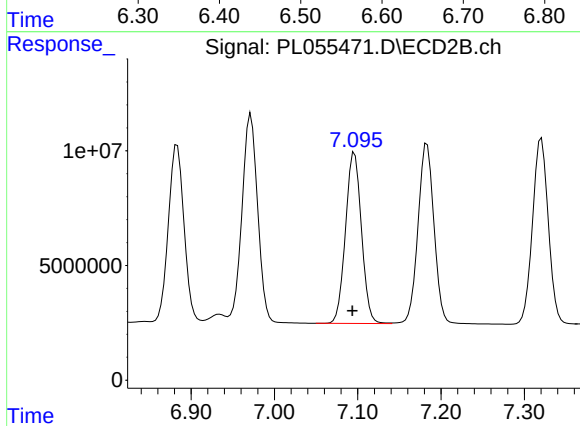
#17 4,4'-DDT

R.T.: 7.183 min  
Delta R.T.: 0.003 min  
Response: 104713229  
Conc: 53.35 ng/ml



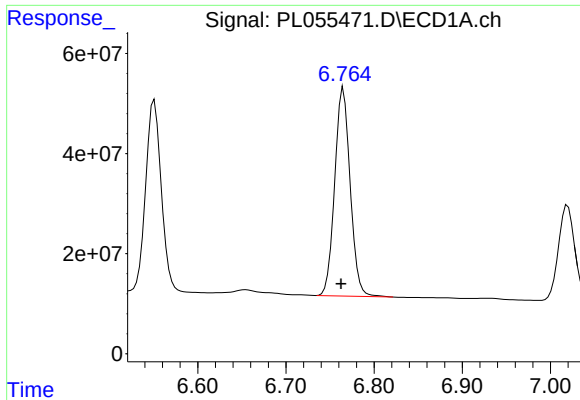
#18 Endrin aldehyde

R.T.: 6.551 min  
Delta R.T.: 0.001 min  
Response: 479474977  
Conc: 49.23 ng/ml



#18 Endrin aldehyde

R.T.: 7.096 min  
Delta R.T.: 0.003 min  
Response: 99002811  
Conc: 51.30 ng/ml



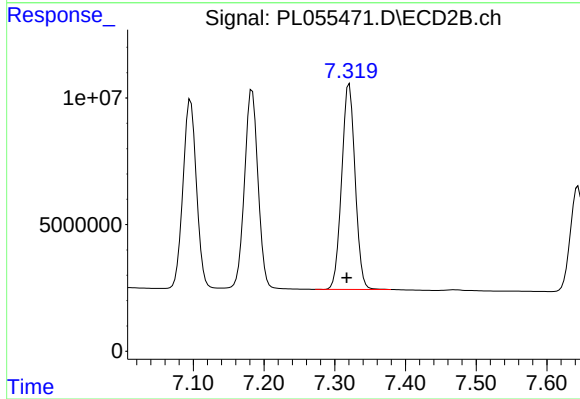
#19 Endosulfan Sulfate

R.T.: 6.765 min  
Delta R.T.: 0.002 min  
Response: 506286557  
Conc: 50.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB125858BS

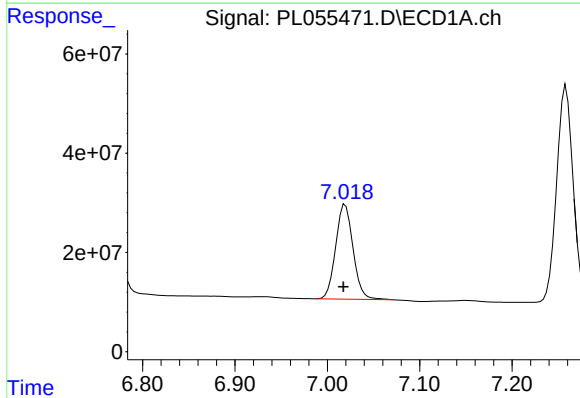
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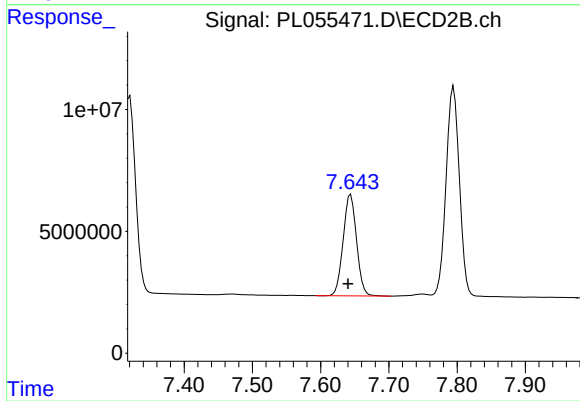
#19 Endosulfan Sulfate

R.T.: 7.321 min  
Delta R.T.: 0.004 min  
Response: 107094400  
Conc: 51.28 ng/ml



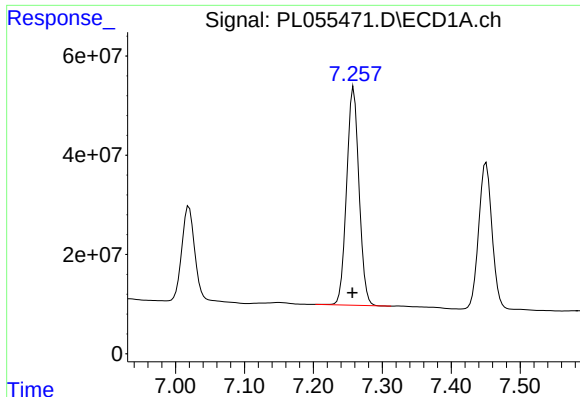
#20 Methoxychlor

R.T.: 7.019 min  
Delta R.T.: 0.002 min  
Response: 249883553  
Conc: 51.85 ng/ml



#20 Methoxychlor

R.T.: 7.644 min  
Delta R.T.: 0.004 min  
Response: 56871840  
Conc: 52.69 ng/ml



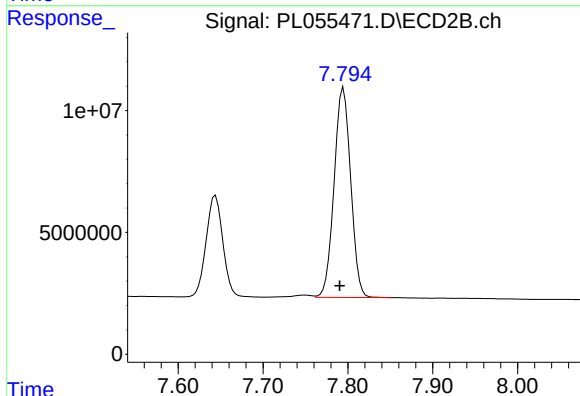
#21 Endrin ketone

R.T.: 7.258 min  
Delta R.T.: 0.002 min  
Response: 549160022  
Conc: 52.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB125858BS

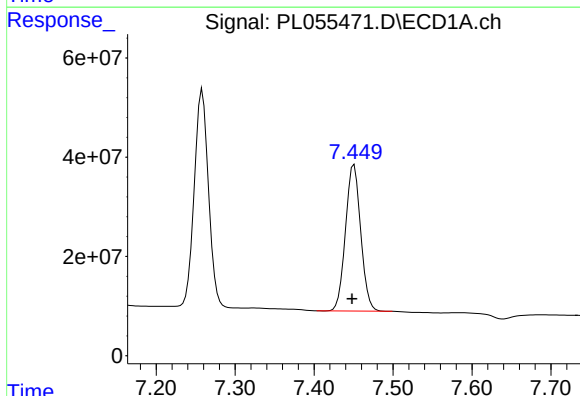
Manual Integrations  
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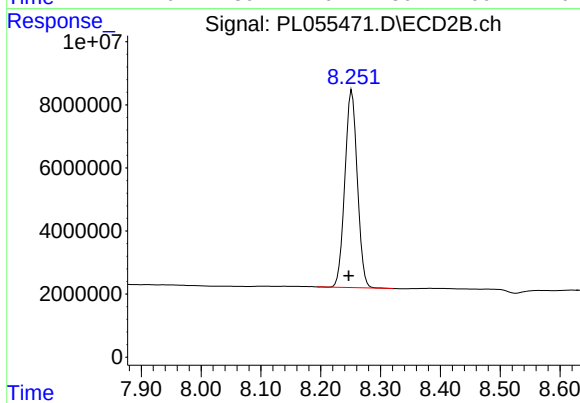
#21 Endrin ketone

R.T.: 7.795 min  
Delta R.T.: 0.005 min  
Response: 116870652  
Conc: 52.48 ng/ml



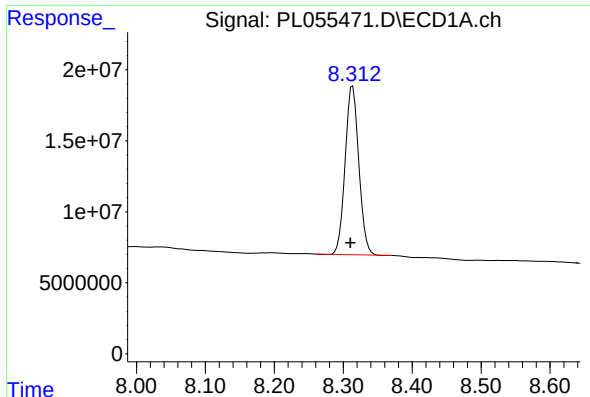
#22 Mirex

R.T.: 7.451 min  
Delta R.T.: 0.002 min  
Response: 395339719  
Conc: 51.90 ng/ml



#22 Mirex

R.T.: 8.252 min  
Delta R.T.: 0.005 min  
Response: 90444069  
Conc: 54.55 ng/ml



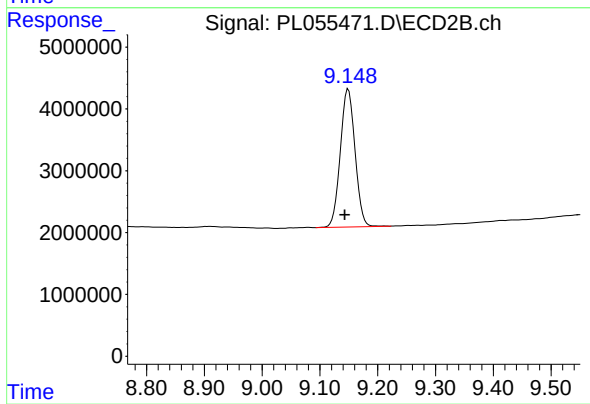
#28 Decachlorobiphenyl

R.T.: 8.314 min  
Delta R.T.: 0.003 min  
Response: 163805085  
Conc: 17.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB125858BS

Manual Integrations  
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#28 Decachlorobiphenyl

R.T.: 9.149 min  
Delta R.T.: 0.006 min  
Response: 39368356  
Conc: 17.83 ng/ml