

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL030419\  
 Data File : PL045378.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 04 Mar 2019 11:00  
 Operator : AJ\SJ  
 Sample : PB117555BS  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB117555BS

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 04 23:48:44 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... | 3.365 | 3.983 | 123.6E6 | 39623024 | 17.961  | 18.502 |
| 28)                         | SA Decachlor... | 8.050 | 9.044 | 151.3E6 | 42377970 | 18.082  | 18.547 |
| Target Compounds            |                 |       |       |         |          |         |        |
| 2)                          | A alpha-BHC     | 3.795 | 4.373 | 592.7E6 | 162.2E6  | 53.358  | 53.389 |
| 3)                          | MA gamma-BHC... | 4.073 | 4.658 | 542.9E6 | 150.5E6  | 53.713  | 53.273 |
| 4)                          | MA Heptachlor   | 4.361 | 5.165 | 564.4E6 | 156.0E6  | 53.485  | 52.427 |
| 5)                          | MB Aldrin       | 4.602 | 5.470 | 523.3E6 | 146.3E6  | 53.802  | 54.149 |
| 6)                          | B beta-BHC      | 4.326 | 4.830 | 221.3E6 | 67205458 | 51.625  | 52.920 |
| 7)                          | B delta-BHC     | 4.522 | 5.046 | 522.7E6 | 124.1E6  | 54.689  | 57.702 |
| 8)                          | B Heptachlo...  | 5.040 | 5.856 | 493.4E6 | 133.7E6  | 52.868  | 55.645 |
| 9)                          | A Endosulfan I  | 5.372 | 6.213 | 466.9E6 | 126.3E6  | 52.230  | 50.717 |
| 10)                         | B gamma-Chl...  | 5.263 | 6.090 | 512.0E6 | 138.0E6  | 52.317  | 51.454 |
| 11)                         | B alpha-Chl...  | 5.319 | 6.163 | 502.1E6 | 137.5E6  | 51.776  | 50.971 |
| 12)                         | B 4,4'-DDE      | 5.487 | 6.321 | 464.3E6 | 122.0E6  | 52.895  | 52.234 |
| 13)                         | MA Dieldrin     | 5.612 | 6.469 | 503.2E6 | 132.1E6  | 52.649  | 51.393 |
| 14)                         | MA Endrin       | 5.865 | 6.687 | 470.2E6 | 114.5E6  | 52.210  | 50.327 |
| 15)                         | B Endosulfa...  | 6.140 | 6.897 | 445.2E6 | 117.4E6  | 51.363  | 49.937 |
| 16)                         | A 4,4'-DDD      | 5.998 | 6.811 | 381.9E6 | 100.5E6  | 52.158  | 52.282 |
| 17)                         | MA 4,4'-DDT     | 6.233 | 7.109 | 393.3E6 | 101.6E6  | 52.435  | 51.501 |
| 18)                         | B Endrin al...  | 6.307 | 7.020 | 369.8E6 | 101.2E6  | 50.587  | 49.498 |
| 19)                         | B Endosulfa...  | 6.518 | 7.244 | 413.3E6 | 112.0E6  | 50.850  | 49.783 |
| 20)                         | A Methoxychlor  | 6.779 | 7.568 | 213.2E6 | 57645093 | 48.538  | 46.965 |
| 21)                         | B Endrin ke...  | 7.000 | 7.714 | 491.5E6 | 119.6E6  | 53.345m | 50.306 |
| 22)                         | Mirex           | 7.179 | 8.167 | 357.0E6 | 93129836 | 47.976  | 46.759 |
| -----                       |                 |       |       |         |          |         |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL030419\  
Data File : PL045378.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 04 Mar 2019 11:00  
Operator : AJ\SJ  
Sample : PB117555BS  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

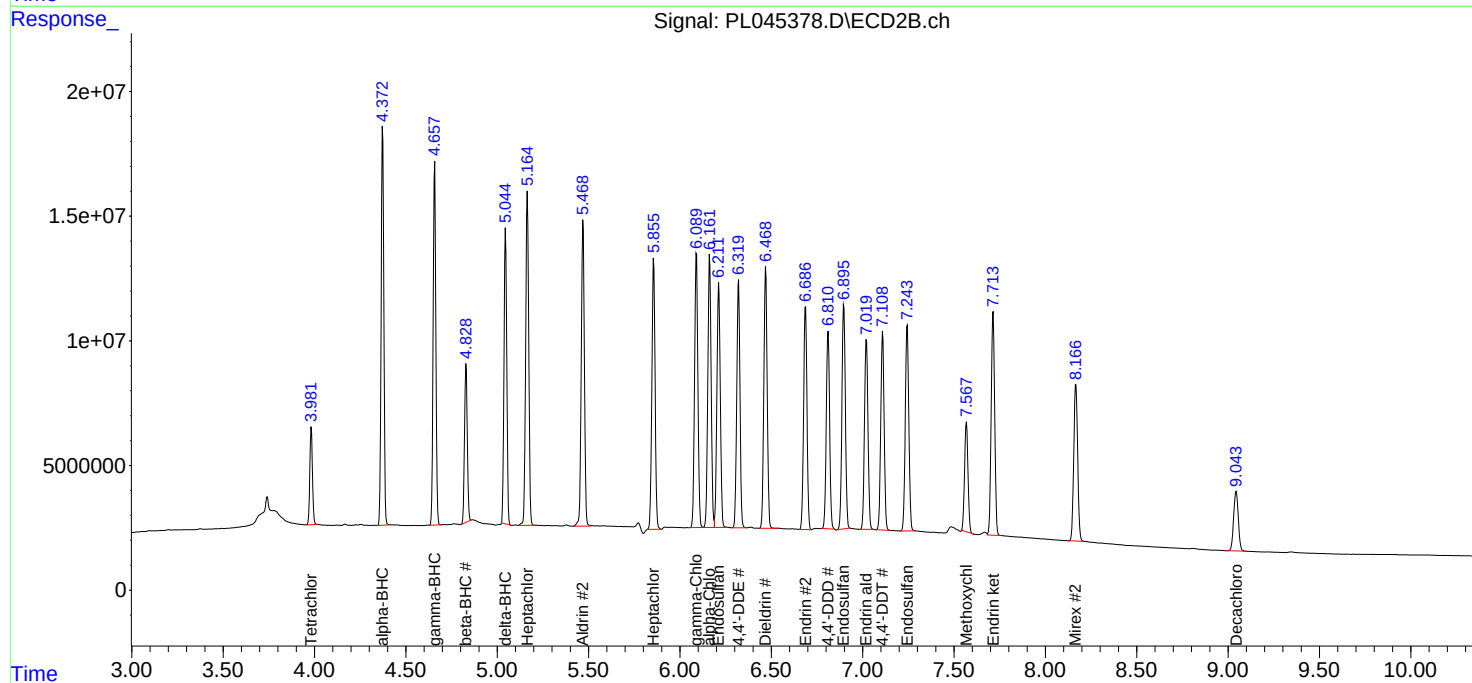
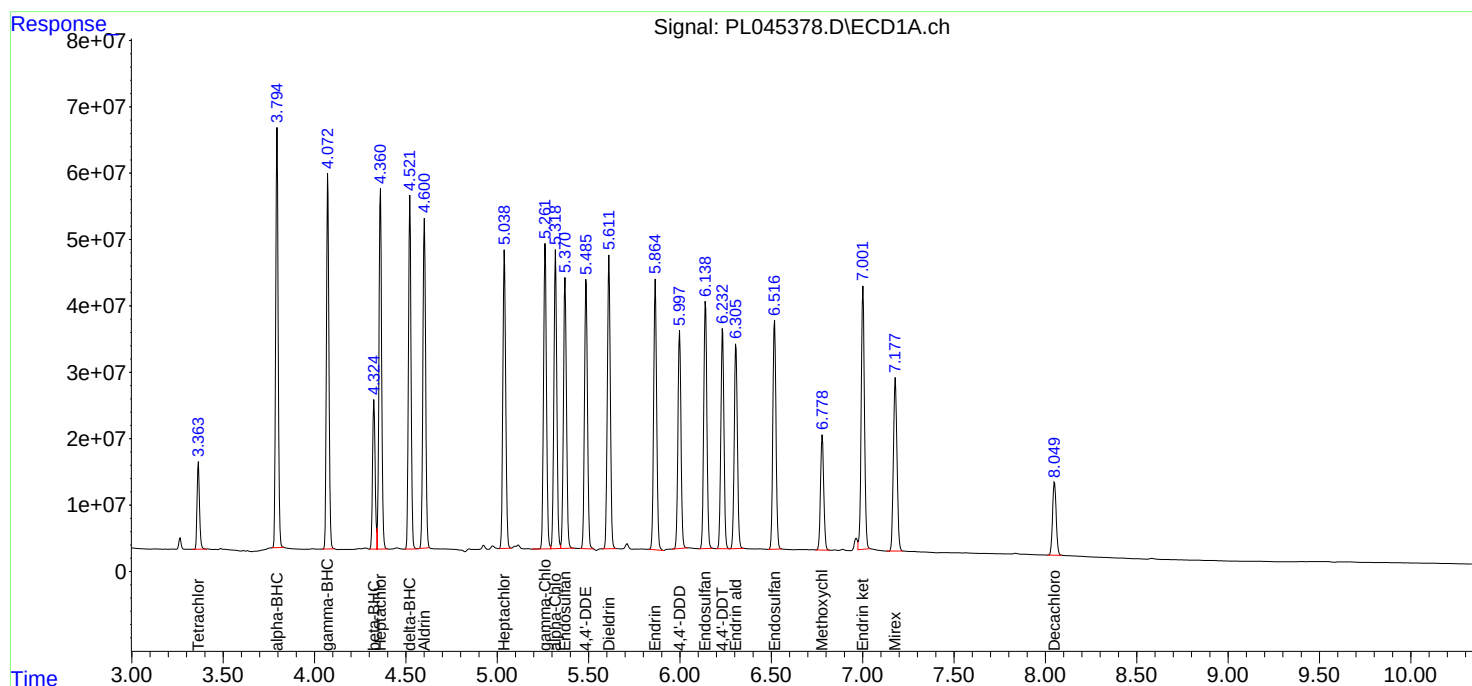
Instrument :  
ECD\_L  
ClientSampleId :  
PB117555BS

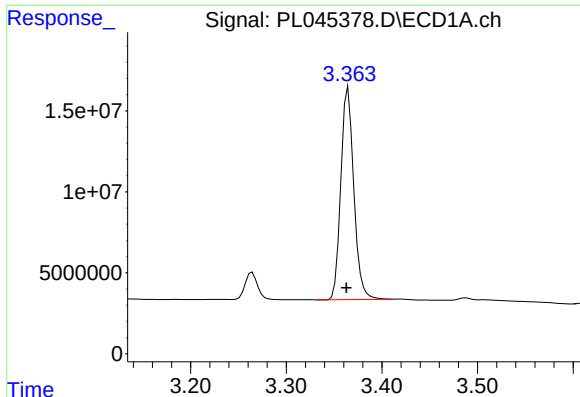
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 04 23:48:44 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL022719.M  
Quant Title : GC Extractables  
QLast Update : Wed Feb 27 17:00:03 2019  
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





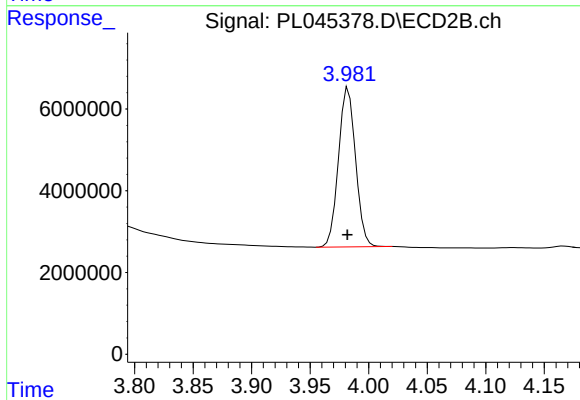
#1 Tetrachloro-m-xylene

R.T.: 3.365 min  
Delta R.T.: 0.002 min  
Response: 123555433  
Conc: 17.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB117555BS

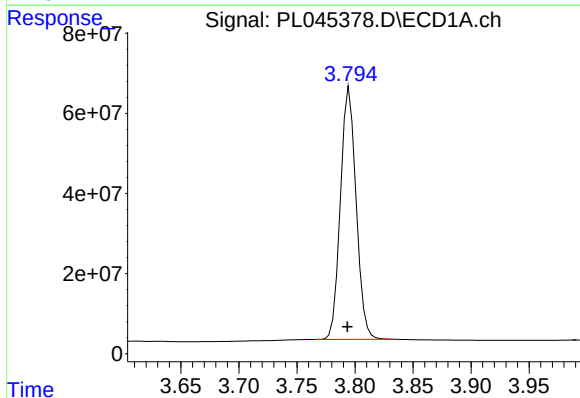
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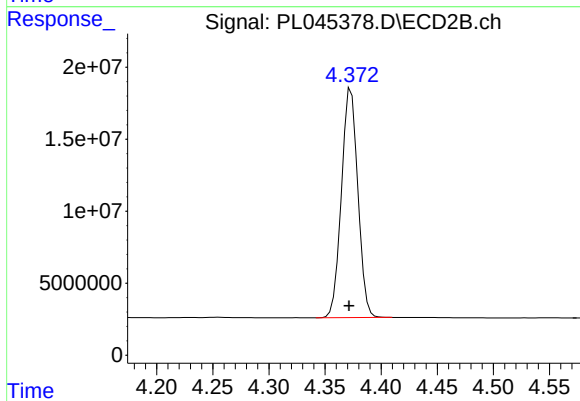
#1 Tetrachloro-m-xylene

R.T.: 3.983 min  
Delta R.T.: 0.001 min  
Response: 39623024  
Conc: 18.50 ng/ml



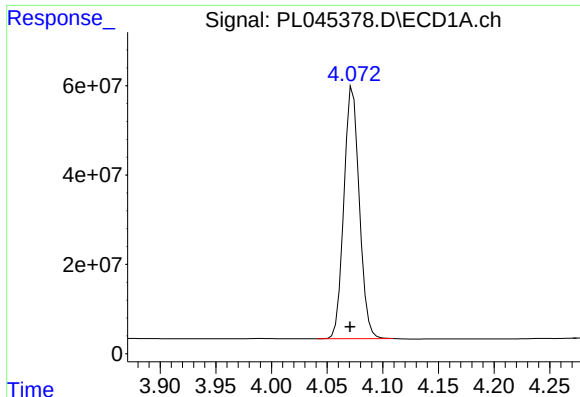
#2 alpha-BHC

R.T.: 3.795 min  
Delta R.T.: 0.002 min  
Response: 592658356  
Conc: 53.36 ng/ml



#2 alpha-BHC

R.T.: 4.373 min  
Delta R.T.: 0.002 min  
Response: 162231359  
Conc: 53.39 ng/ml



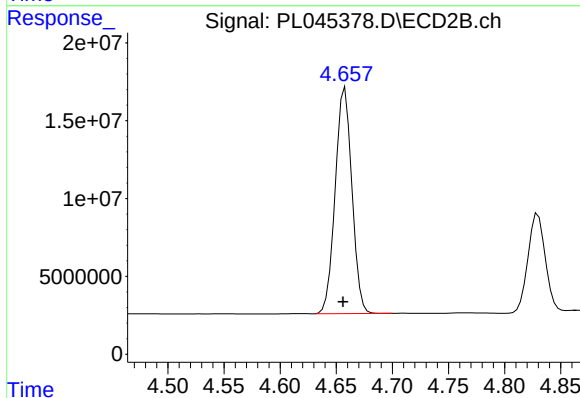
#3 gamma-BHC (Lindane)

R.T.: 4.073 min  
Delta R.T.: 0.002 min  
Response: 542888812  
Conc: 53.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB117555BS

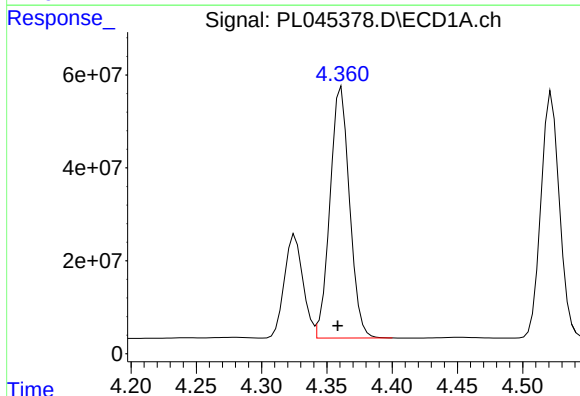
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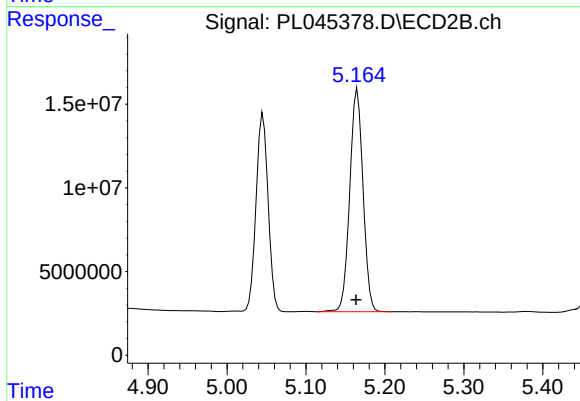
#3 gamma-BHC (Lindane)

R.T.: 4.658 min  
Delta R.T.: 0.002 min  
Response: 150477153  
Conc: 53.27 ng/ml



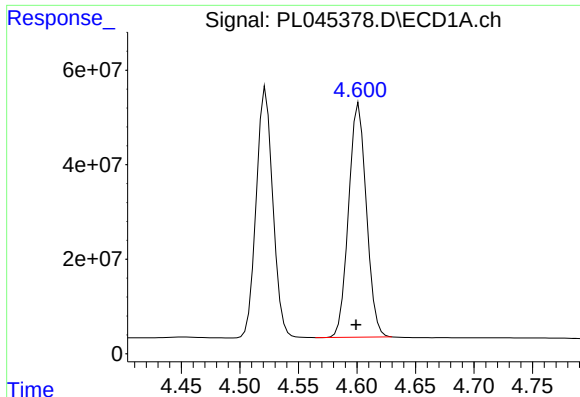
#4 Heptachlor

R.T.: 4.361 min  
Delta R.T.: 0.003 min  
Response: 564382880  
Conc: 53.48 ng/ml



#4 Heptachlor

R.T.: 5.165 min  
Delta R.T.: 0.002 min  
Response: 155968108  
Conc: 52.43 ng/ml



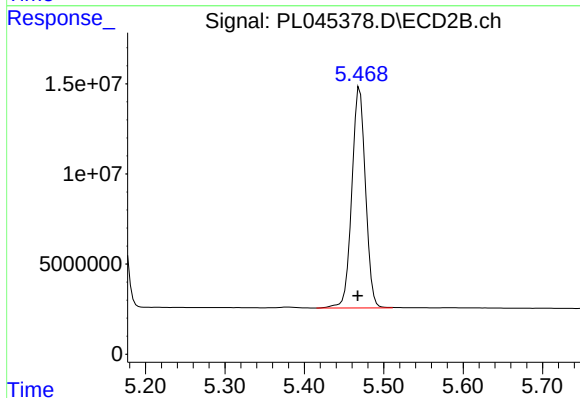
#5 Aldrin

R.T.: 4.602 min  
Delta R.T.: 0.002 min  
Response: 523297998  
Conc: 53.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB117555BS

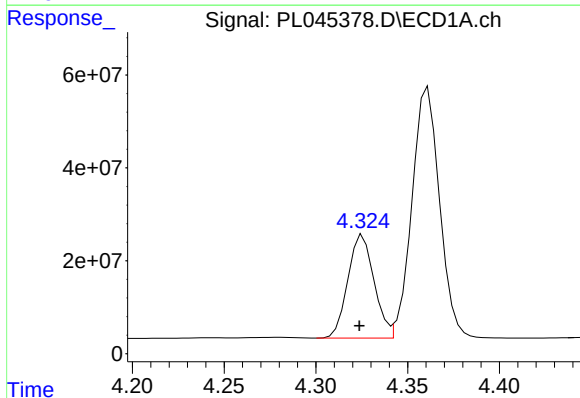
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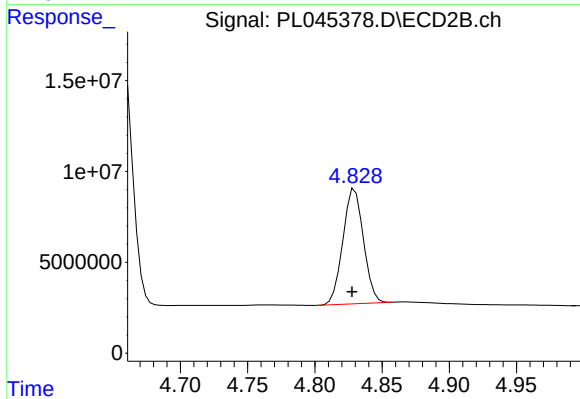
#5 Aldrin

R.T.: 5.470 min  
Delta R.T.: 0.002 min  
Response: 146254087  
Conc: 54.15 ng/ml



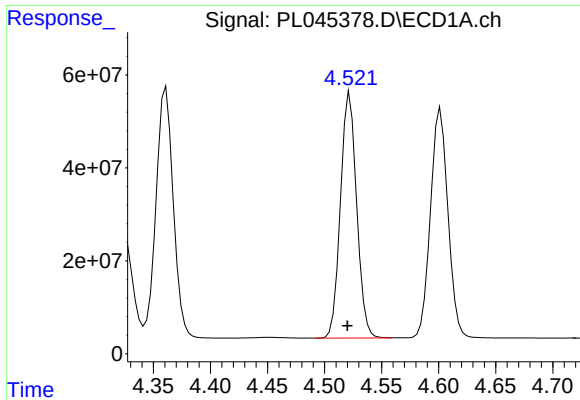
#6 beta-BHC

R.T.: 4.326 min  
Delta R.T.: 0.002 min  
Response: 221268867  
Conc: 51.63 ng/ml



#6 beta-BHC

R.T.: 4.830 min  
Delta R.T.: 0.002 min  
Response: 67205458  
Conc: 52.92 ng/ml



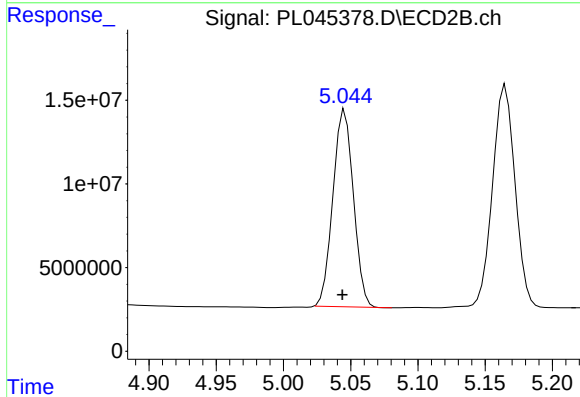
#7 delta-BHC

R.T.: 4.522 min  
Delta R.T.: 0.002 min  
Response: 522711672  
Conc: 54.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB117555BS

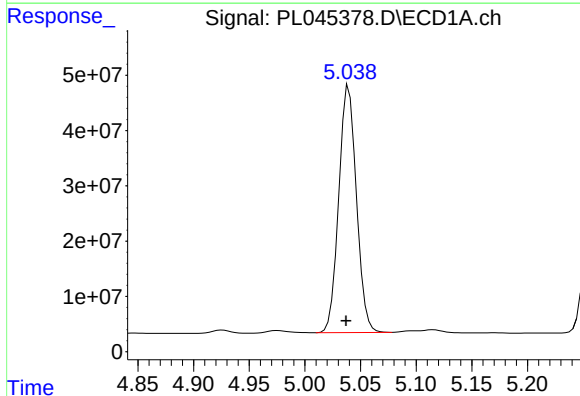
Manual Integrations  
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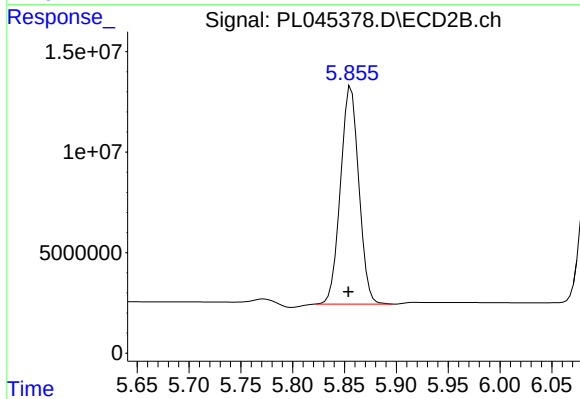
#7 delta-BHC

R.T.: 5.046 min  
Delta R.T.: 0.002 min  
Response: 124110370  
Conc: 57.70 ng/ml



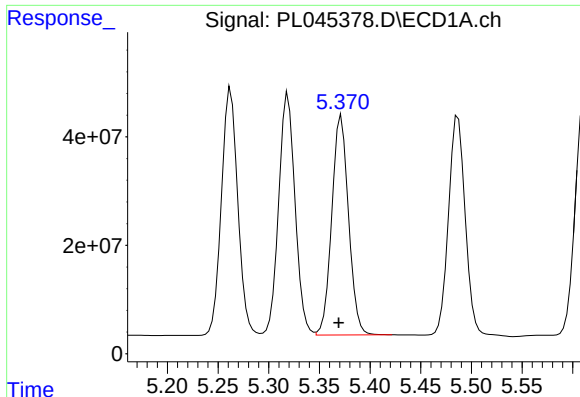
#8 Heptachlor epoxide

R.T.: 5.040 min  
Delta R.T.: 0.002 min  
Response: 493420038  
Conc: 52.87 ng/ml



#8 Heptachlor epoxide

R.T.: 5.856 min  
Delta R.T.: 0.003 min  
Response: 133656065  
Conc: 55.65 ng/ml



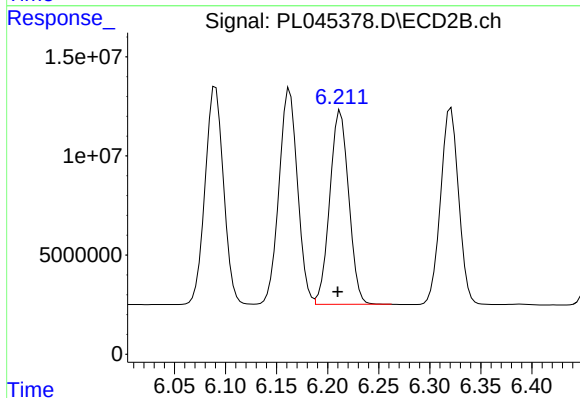
#9 Endosulfan I

R.T.: 5.372 min  
Delta R.T.: 0.003 min  
Response: 466852487  
Conc: 52.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB117555BS

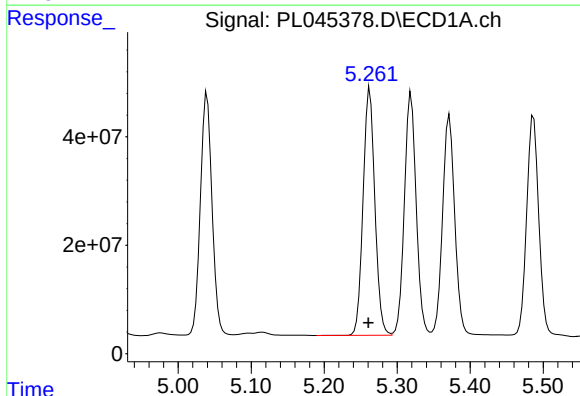
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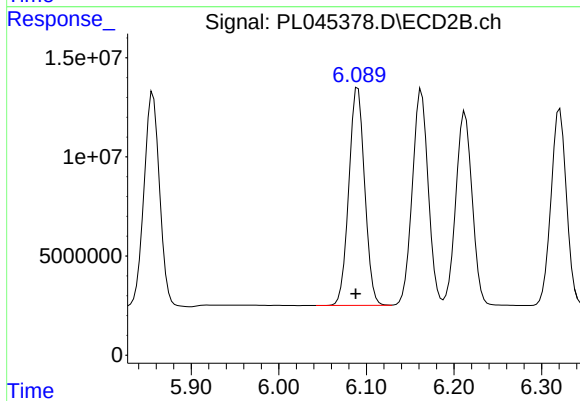
#9 Endosulfan I

R.T.: 6.213 min  
Delta R.T.: 0.003 min  
Response: 126300744  
Conc: 50.72 ng/ml



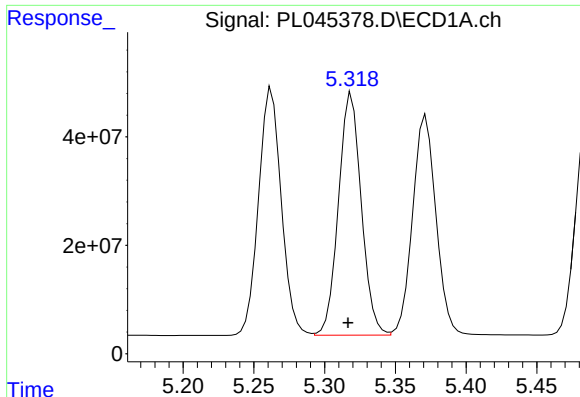
#10 gamma-Chlordane

R.T.: 5.263 min  
Delta R.T.: 0.002 min  
Response: 512024488  
Conc: 52.32 ng/ml



#10 gamma-Chlordane

R.T.: 6.090 min  
Delta R.T.: 0.003 min  
Response: 138047112  
Conc: 51.45 ng/ml



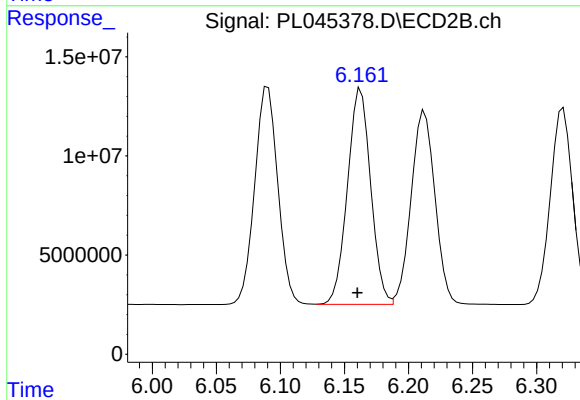
#11 alpha-Chlordane

R.T.: 5.319 min  
Delta R.T.: 0.003 min  
Response: 502072764  
Conc: 51.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB117555BS

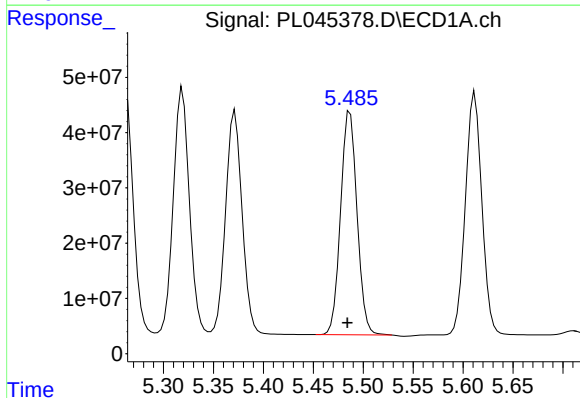
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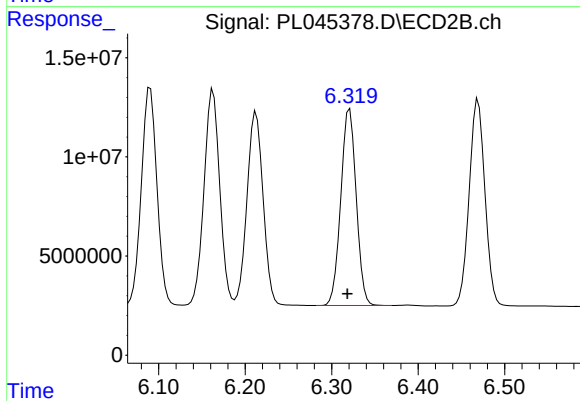
#11 alpha-Chlordane

R.T.: 6.163 min  
Delta R.T.: 0.003 min  
Response: 137503448  
Conc: 50.97 ng/ml



#12 4,4'-DDE

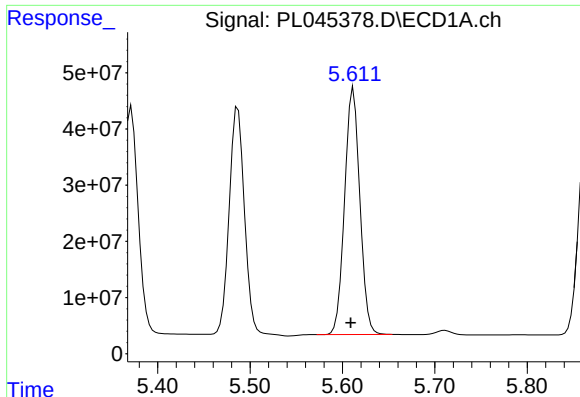
R.T.: 5.487 min  
Delta R.T.: 0.003 min  
Response: 464324206  
Conc: 52.90 ng/ml



#12 4,4'-DDE

R.T.: 6.321 min  
Delta R.T.: 0.003 min  
Response: 122012617  
Conc: 52.23 ng/ml





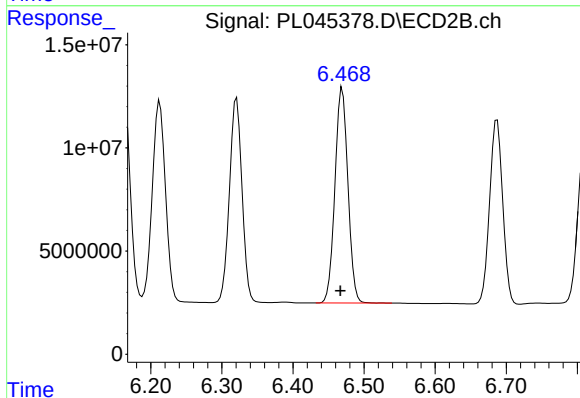
#13 Dieldrin

R.T.: 5.612 min  
Delta R.T.: 0.003 min  
Response: 503215245  
Conc: 52.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB117555BS

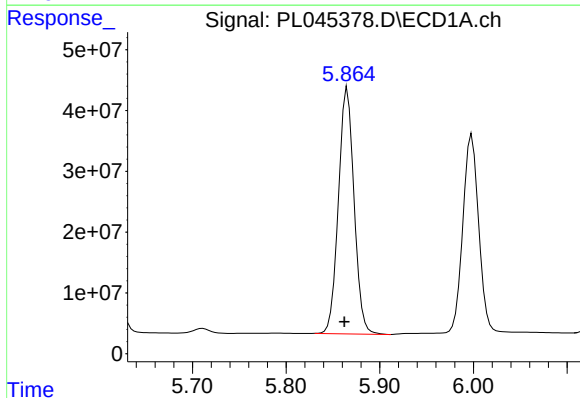
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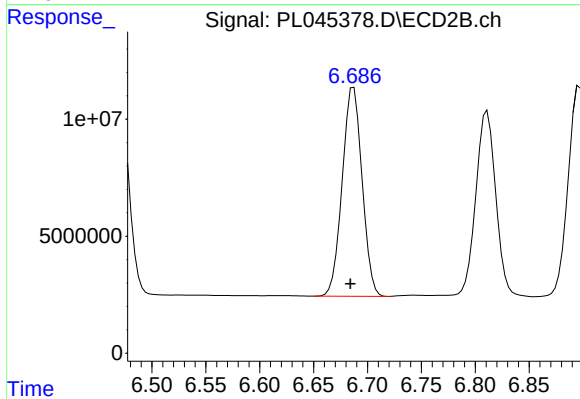
#13 Dieldrin

R.T.: 6.469 min  
Delta R.T.: 0.003 min  
Response: 132065169  
Conc: 51.39 ng/ml



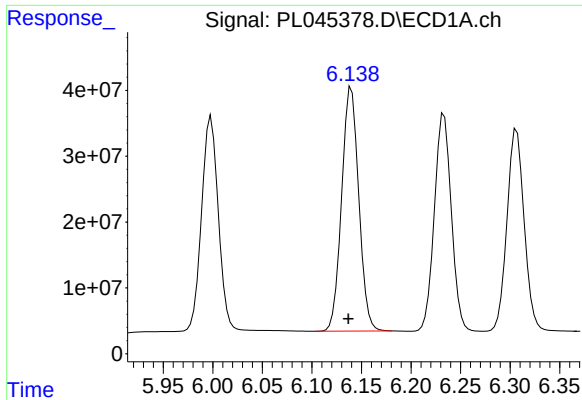
#14 Endrin

R.T.: 5.865 min  
Delta R.T.: 0.003 min  
Response: 470192338  
Conc: 52.21 ng/ml



#14 Endrin

R.T.: 6.687 min  
Delta R.T.: 0.003 min  
Response: 114509037  
Conc: 50.33 ng/ml



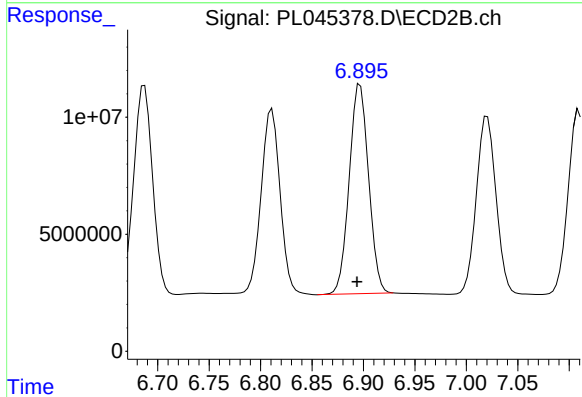
#15 Endosulfan II

R.T.: 6.140 min  
Delta R.T.: 0.003 min  
Response: 445241293  
Conc: 51.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB117555BS

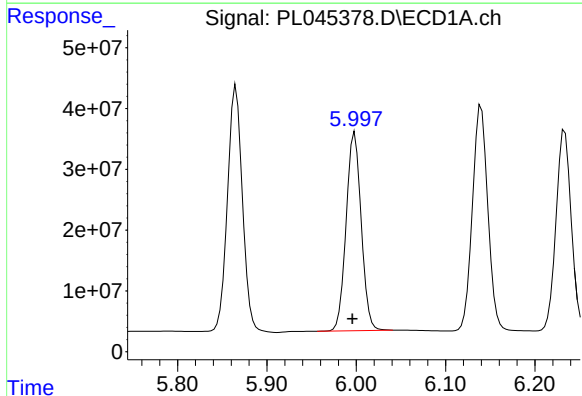
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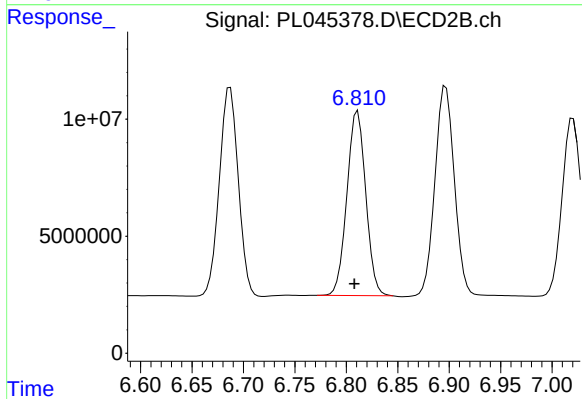
#15 Endosulfan II

R.T.: 6.897 min  
Delta R.T.: 0.003 min  
Response: 117432081  
Conc: 49.94 ng/ml



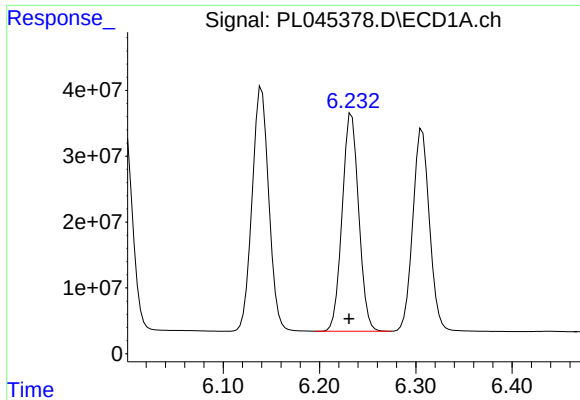
#16 4,4'-DDD

R.T.: 5.998 min  
Delta R.T.: 0.003 min  
Response: 381888984  
Conc: 52.16 ng/ml



#16 4,4'-DDD

R.T.: 6.811 min  
Delta R.T.: 0.003 min  
Response: 100543622  
Conc: 52.28 ng/ml



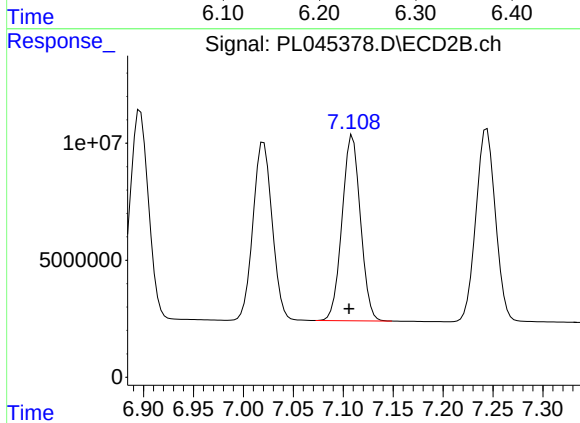
#17 4,4'-DDT

R.T.: 6.233 min  
Delta R.T.: 0.002 min  
Response: 393271486  
Conc: 52.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB117555BS

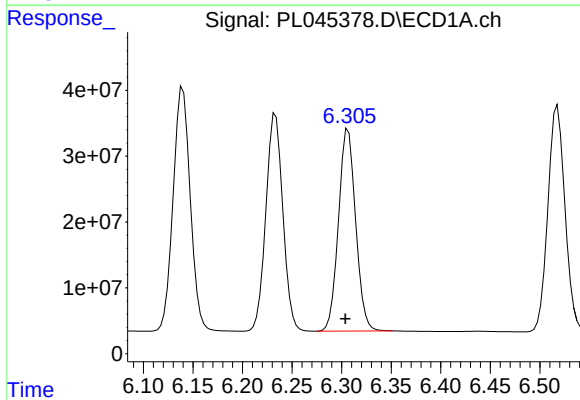
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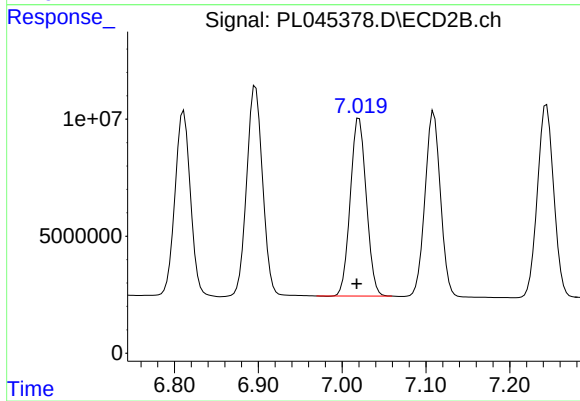
#17 4,4'-DDT

R.T.: 7.109 min  
Delta R.T.: 0.003 min  
Response: 101634129  
Conc: 51.50 ng/ml



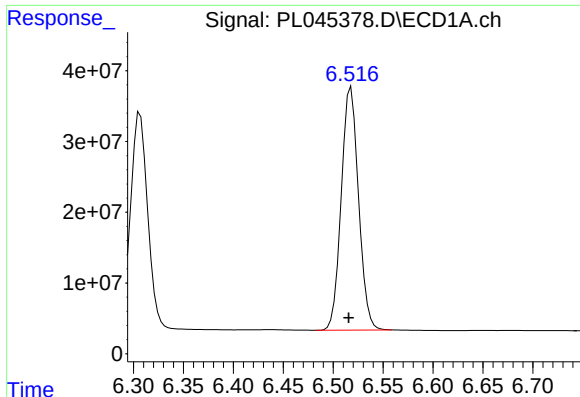
#18 Endrin aldehyde

R.T.: 6.307 min  
Delta R.T.: 0.003 min  
Response: 369771716  
Conc: 50.59 ng/ml



#18 Endrin aldehyde

R.T.: 7.020 min  
Delta R.T.: 0.003 min  
Response: 101183270  
Conc: 49.50 ng/ml



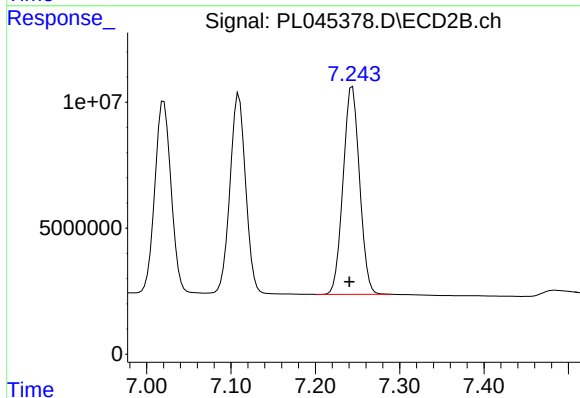
#19 Endosulfan Sulfate

R.T.: 6.518 min  
Delta R.T.: 0.002 min  
Response: 413316796  
Conc: 50.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB117555BS

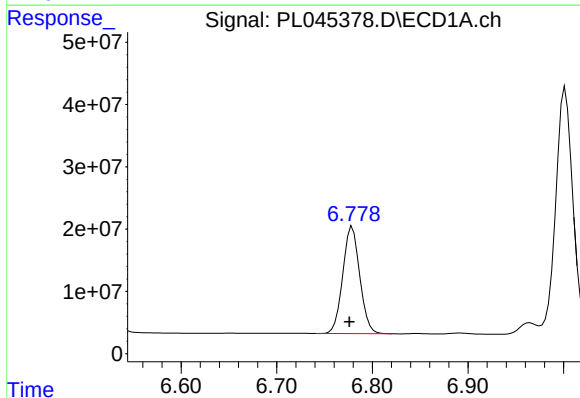
Manual Integrations  
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3/5/2019 9:18:16 AM



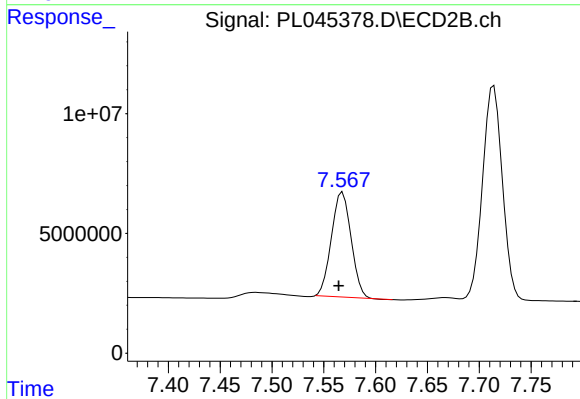
#19 Endosulfan Sulfate

R.T.: 7.244 min  
Delta R.T.: 0.003 min  
Response: 111986407  
Conc: 49.78 ng/ml



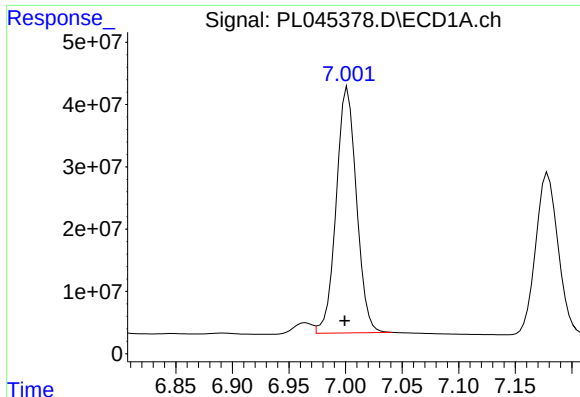
#20 Methoxychlor

R.T.: 6.779 min  
Delta R.T.: 0.003 min  
Response: 213165608  
Conc: 48.54 ng/ml



#20 Methoxychlor

R.T.: 7.568 min  
Delta R.T.: 0.004 min  
Response: 57645093  
Conc: 46.96 ng/ml



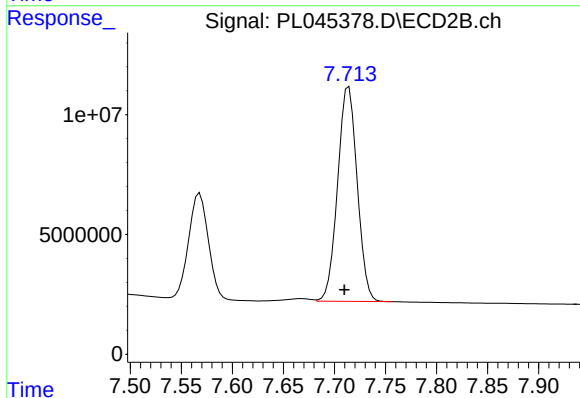
#21 Endrin ketone

R.T.: 7.000 min  
Delta R.T.: 0.001 min  
Response: 491459887  
Conc: 53.35 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PB117555BS

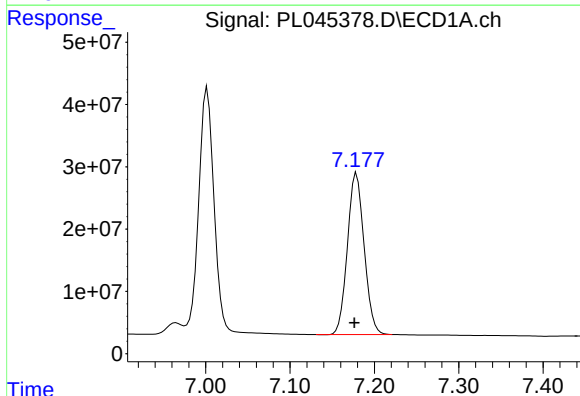
Manual Integrations  
APPROVED

Sohil  
3/5/2019 9:18:16 AM



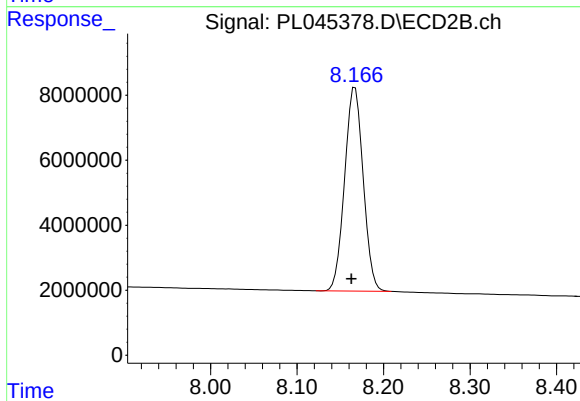
#21 Endrin ketone

R.T.: 7.714 min  
Delta R.T.: 0.004 min  
Response: 119648636  
Conc: 50.31 ng/ml



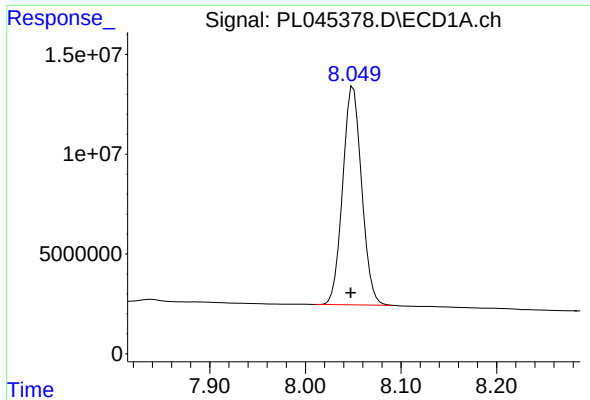
#22 Mirex

R.T.: 7.179 min  
Delta R.T.: 0.003 min  
Response: 356950499  
Conc: 47.98 ng/ml



#22 Mirex

R.T.: 8.167 min  
Delta R.T.: 0.004 min  
Response: 93129836  
Conc: 46.76 ng/ml



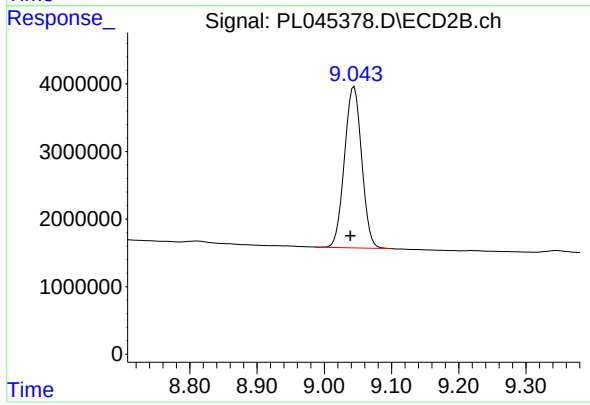
#28 Decachlorobiphenyl

R.T.: 8.050 min  
Delta R.T.: 0.003 min  
Response: 151296373  
Conc: 18.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB117555BS

Manual Integrations  
APPROVED

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3/5/2019 9:18:16 AM



#28 Decachlorobiphenyl

R.T.: 9.044 min  
Delta R.T.: 0.005 min  
Response: 42377970  
Conc: 18.55 ng/ml