

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL030119\  
 Data File : PL045316.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 01 Mar 2019 16:27  
 Operator : AJ\SJ  
 Sample : K1650-02MS  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 B-1(17-18)MS

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 01 22:10:58 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... | 3.364 | 3.982 | 133.9E6 | 42437843 | 19.465 | 19.817  |
| 28)                         | SA Decachlor... | 8.047 | 9.039 | 129.0E6 | 39989954 | 15.420 | 17.502  |
| Target Compounds            |                 |       |       |         |          |        |         |
| 2)                          | A alpha-BHC     | 3.794 | 4.372 | 534.0E6 | 144.8E6  | 48.077 | 47.639  |
| 3)                          | MA gamma-BHC... | 4.071 | 4.656 | 487.7E6 | 135.9E6  | 48.253 | 48.116  |
| 4)                          | MA Heptachlor   | 4.359 | 5.164 | 501.5E6 | 138.5E6  | 47.521 | 46.555  |
| 5)                          | MB Aldrin       | 4.600 | 5.468 | 458.0E6 | 127.8E6  | 47.090 | 47.308  |
| 6)                          | B beta-BHC      | 4.324 | 4.828 | 202.7E6 | 62250160 | 47.297 | 49.018  |
| 7)                          | B delta-BHC     | 4.520 | 5.044 | 464.2E6 | 95767891 | 48.569 | 44.525  |
| 8)                          | B Heptachlo...  | 5.037 | 5.854 | 437.2E6 | 109.3E6  | 46.843 | 45.508  |
| 9)                          | A Endosulfan I  | 5.370 | 6.210 | 415.6E6 | 112.8E6  | 46.496 | 45.290  |
| 10)                         | B gamma-Chl...  | 5.260 | 6.089 | 460.4E6 | 124.9E6  | 47.046 | 46.553  |
| 11)                         | B alpha-Chl...  | 5.317 | 6.160 | 453.4E6 | 124.6E6  | 46.753 | 46.179  |
| 12)                         | B 4,4'-DDE      | 5.484 | 6.319 | 415.7E6 | 104.9E6  | 47.356 | 44.897  |
| 13)                         | MA Dieldrin     | 5.609 | 6.467 | 451.0E6 | 111.6E6  | 47.189 | 43.410  |
| 14)                         | MA Endrin       | 5.862 | 6.685 | 426.0E6 | 96505321 | 47.308 | 42.415  |
| 15)                         | B Endosulfa...  | 6.137 | 6.894 | 389.4E6 | 96406098 | 44.925 | 40.996  |
| 16)                         | A 4,4'-DDD      | 5.996 | 6.808 | 337.9E6 | 80255516 | 46.150 | 41.733  |
| 17)                         | MA 4,4'-DDT     | 6.231 | 7.106 | 347.9E6 | 82580126 | 46.381 | 41.846  |
| 18)                         | B Endrin al...  | 6.304 | 7.018 | 307.2E6 | 80703585 | 42.030 | 39.479  |
| 19)                         | B Endosulfa...  | 6.516 | 7.241 | 327.5E6 | 89740433 | 40.298 | 39.893  |
| 20)                         | A Methoxychlor  | 6.776 | 7.564 | 156.3E6 | 47543381 | 35.586 | 38.734m |
| 21)                         | B Endrin ke...  | 6.999 | 7.711 | 341.8E6 | 91471365 | 37.105 | 38.459  |
| 22)                         | Mirex           | 7.176 | 8.163 | 262.2E6 | 73704639 | 35.240 | 37.006  |
| -----                       |                 |       |       |         |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL030119\  
 Data File : PL045316.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 01 Mar 2019 16:27  
 Operator : AJ\SJ  
 Sample : K1650-02MS  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

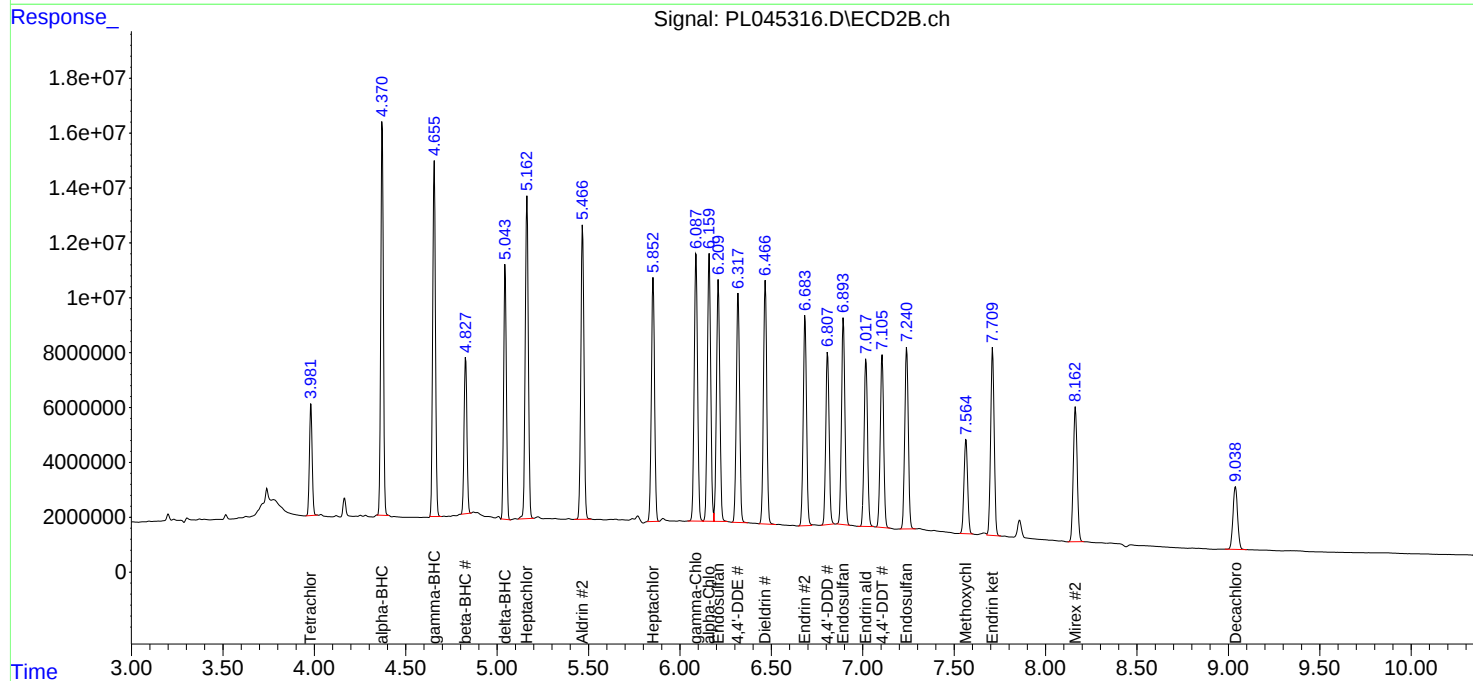
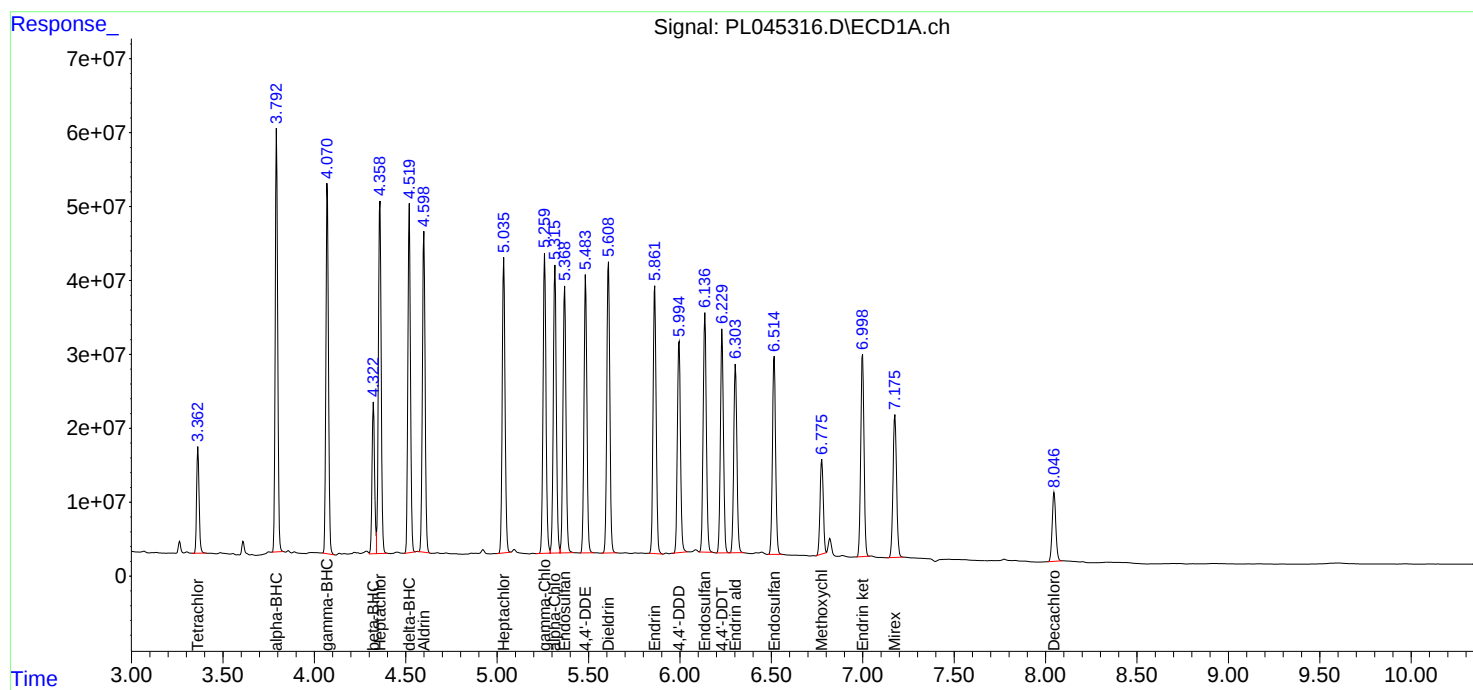
Instrument :  
 ECD\_L  
 ClientSampleId :  
 B-1(17-18)MS

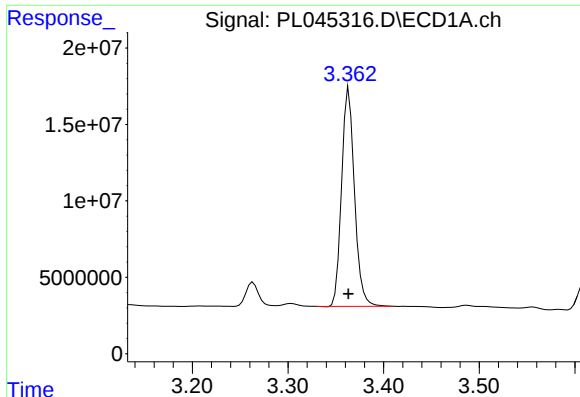
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 01 22:10:58 2019  
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 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





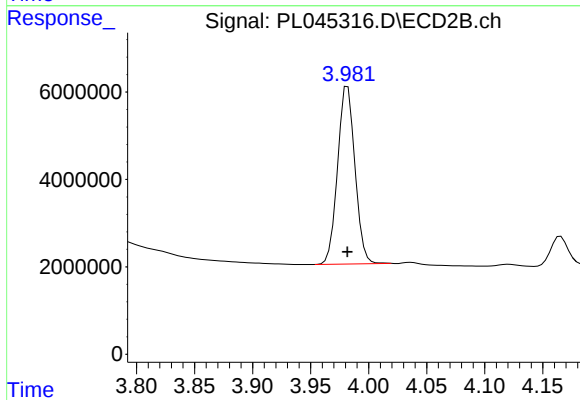
#1 Tetrachloro-m-xylene

R.T.: 3.364 min  
Delta R.T.: 0.000 min  
Response: 133904054  
Conc: 19.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
B-1(17-18)MS

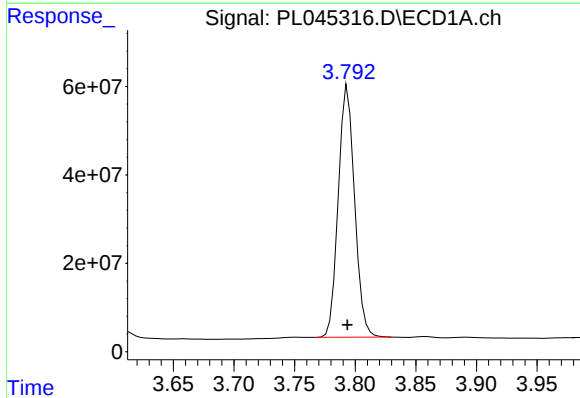
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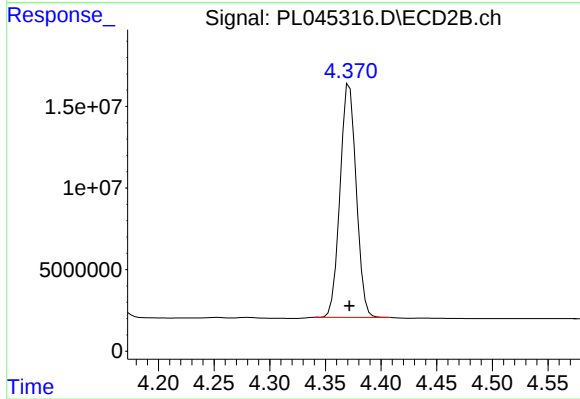
#1 Tetrachloro-m-xylene

R.T.: 3.982 min  
Delta R.T.: 0.000 min  
Response: 42437843  
Conc: 19.82 ng/ml



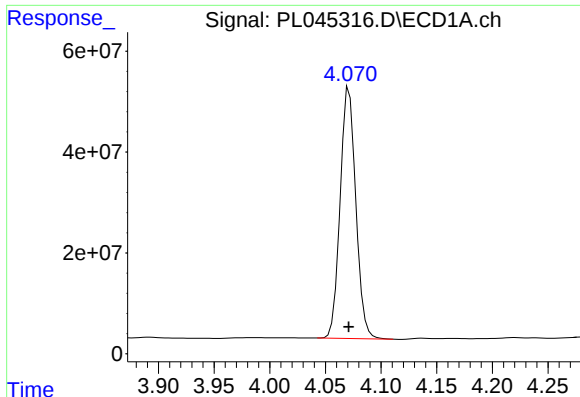
#2 alpha-BHC

R.T.: 3.794 min  
Delta R.T.: 0.000 min  
Response: 534009599  
Conc: 48.08 ng/ml



#2 alpha-BHC

R.T.: 4.372 min  
Delta R.T.: 0.000 min  
Response: 144757928  
Conc: 47.64 ng/ml



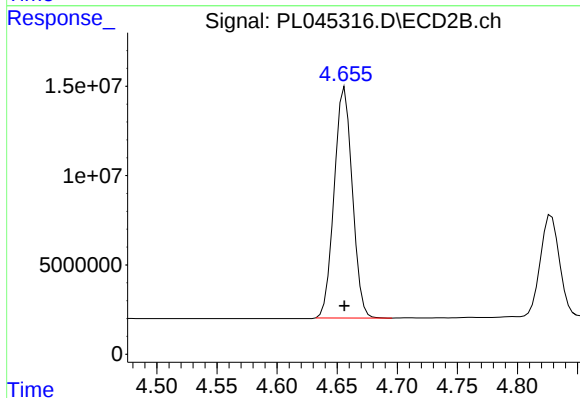
#3 gamma-BHC (Lindane)

R.T.: 4.071 min  
Delta R.T.: 0.000 min  
Response: 487704208  
Conc: 48.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
B-1(17-18)MS

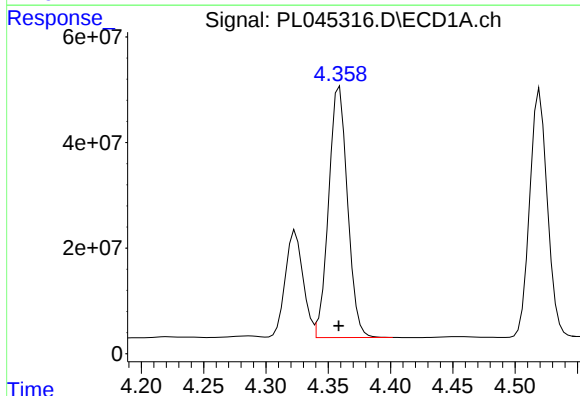
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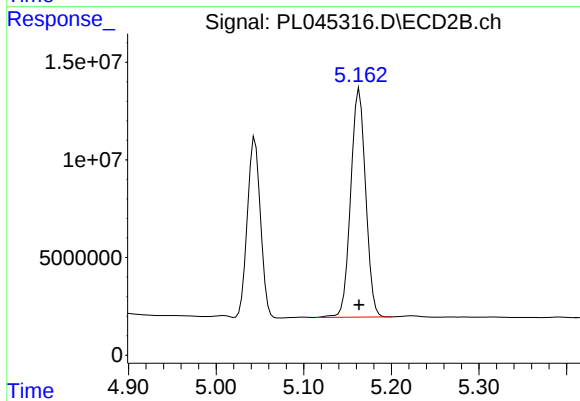
#3 gamma-BHC (Lindane)

R.T.: 4.656 min  
Delta R.T.: 0.000 min  
Response: 135908254  
Conc: 48.12 ng/ml



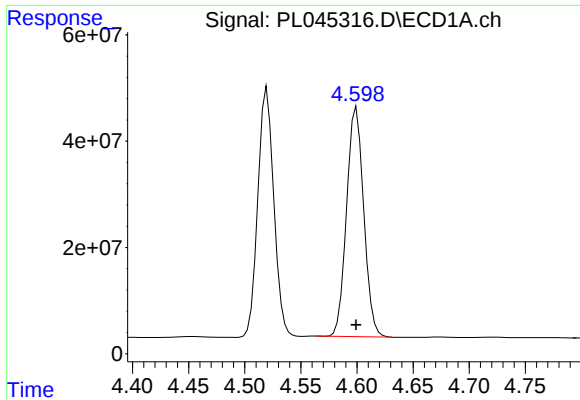
#4 Heptachlor

R.T.: 4.359 min  
Delta R.T.: 0.000 min  
Response: 501454151  
Conc: 47.52 ng/ml



#4 Heptachlor

R.T.: 5.164 min  
Delta R.T.: 0.000 min  
Response: 138499398  
Conc: 46.56 ng/ml



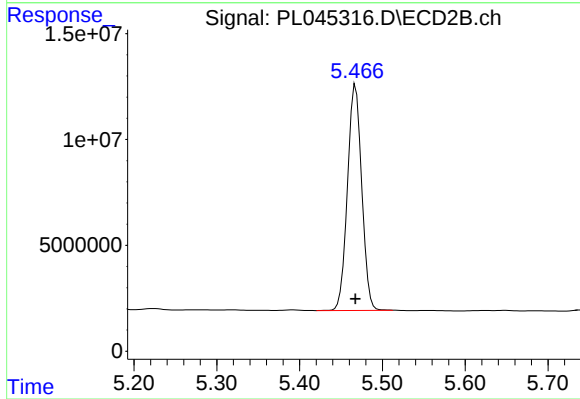
#5 Aldrin

R.T.: 4.600 min  
Delta R.T.: 0.000 min  
Response: 458014419  
Conc: 47.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
B-1(17-18)MS

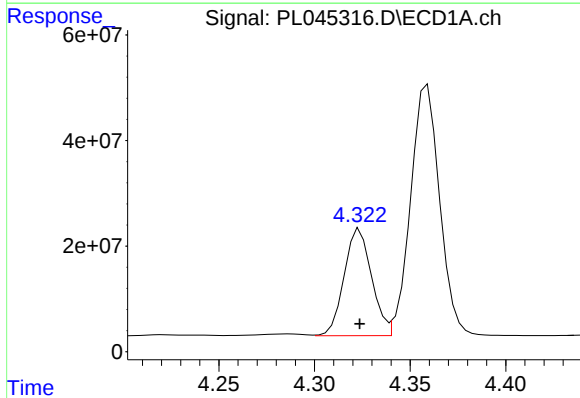
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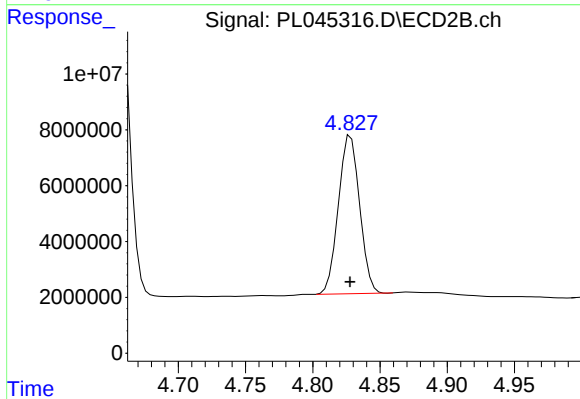
#5 Aldrin

R.T.: 5.468 min  
Delta R.T.: 0.000 min  
Response: 127777577  
Conc: 47.31 ng/ml



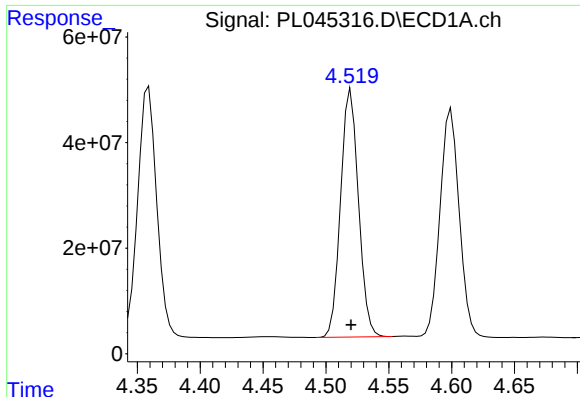
#6 beta-BHC

R.T.: 4.324 min  
Delta R.T.: 0.000 min  
Response: 202719221  
Conc: 47.30 ng/ml



#6 beta-BHC

R.T.: 4.828 min  
Delta R.T.: 0.000 min  
Response: 62250160  
Conc: 49.02 ng/ml



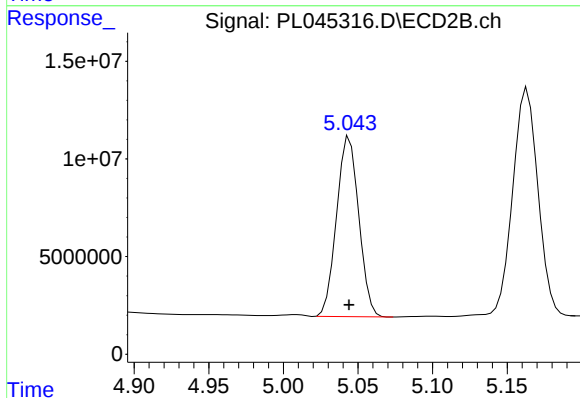
#7 delta-BHC

R.T.: 4.520 min  
Delta R.T.: 0.000 min  
Response: 464222041  
Conc: 48.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
B-1(17-18)MS

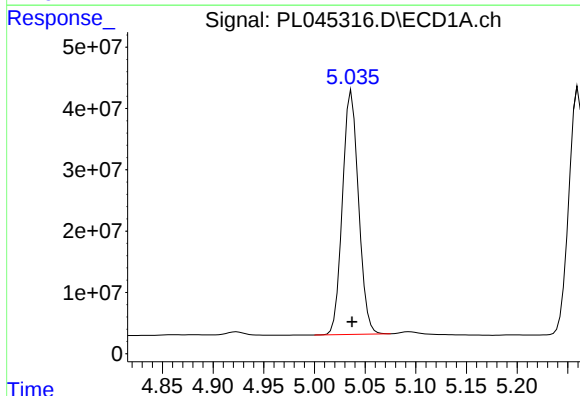
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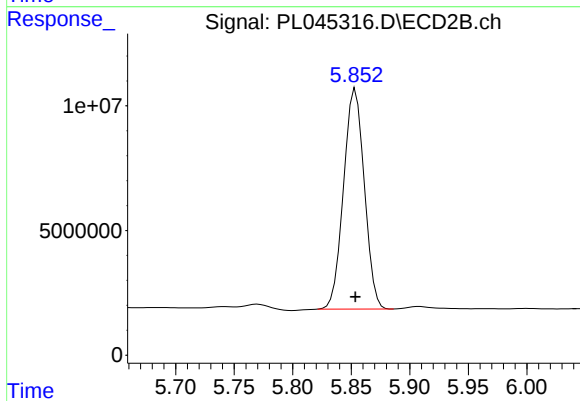
#7 delta-BHC

R.T.: 5.044 min  
Delta R.T.: 0.000 min  
Response: 95767891  
Conc: 44.52 ng/ml



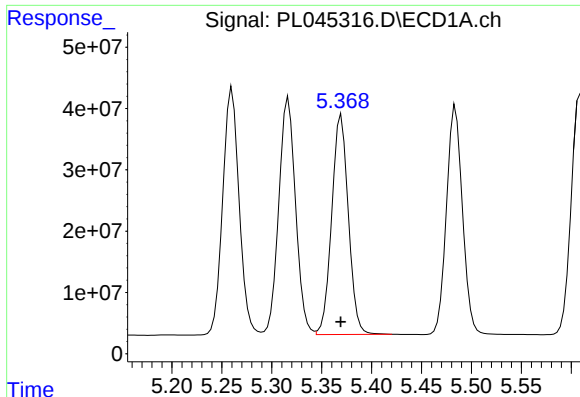
#8 Heptachlor epoxide

R.T.: 5.037 min  
Delta R.T.: 0.000 min  
Response: 437187134  
Conc: 46.84 ng/ml



#8 Heptachlor epoxide

R.T.: 5.854 min  
Delta R.T.: 0.000 min  
Response: 109308219  
Conc: 45.51 ng/ml



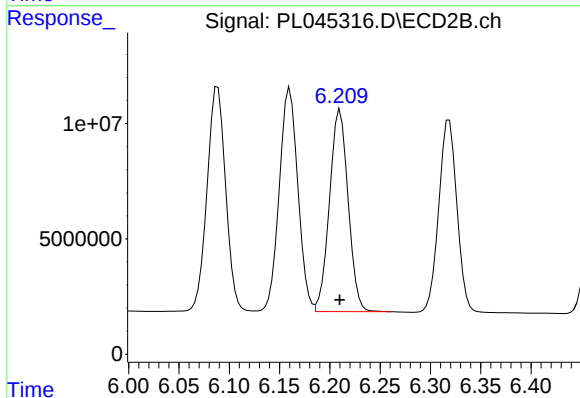
#9 Endosulfan I

R.T.: 5.370 min  
Delta R.T.: 0.000 min  
Response: 415601510  
Conc: 46.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
B-1(17-18)MS

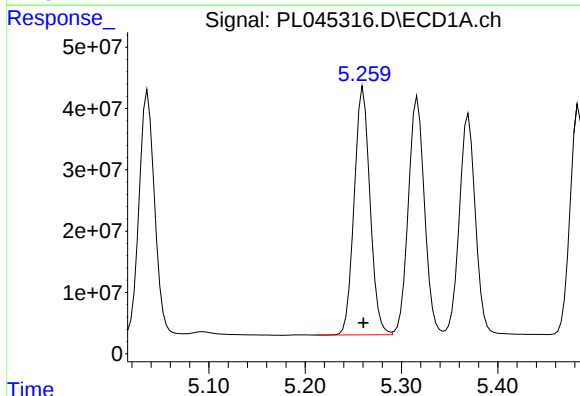
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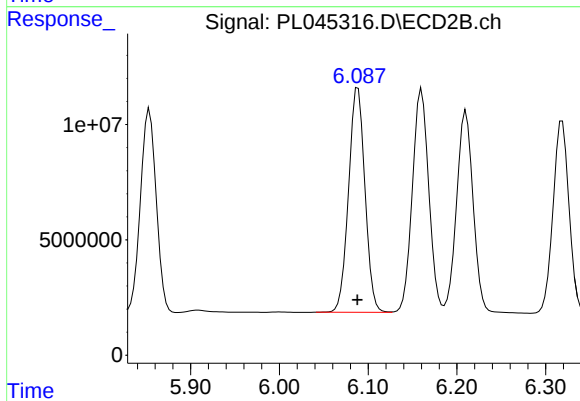
#9 Endosulfan I

R.T.: 6.210 min  
Delta R.T.: 0.000 min  
Response: 112784746  
Conc: 45.29 ng/ml



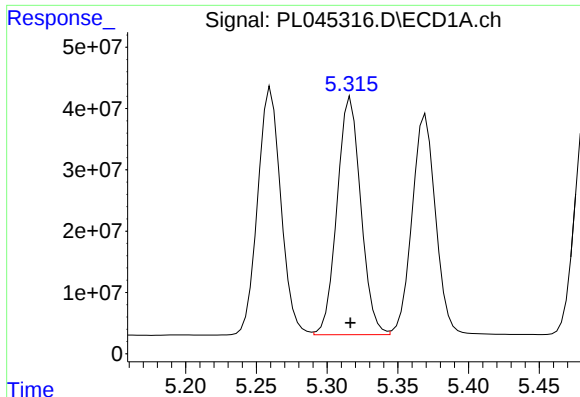
#10 gamma-Chlordane

R.T.: 5.260 min  
Delta R.T.: 0.000 min  
Response: 460434106  
Conc: 47.05 ng/ml



#10 gamma-Chlordane

R.T.: 6.089 min  
Delta R.T.: 0.000 min  
Response: 124897868  
Conc: 46.55 ng/ml



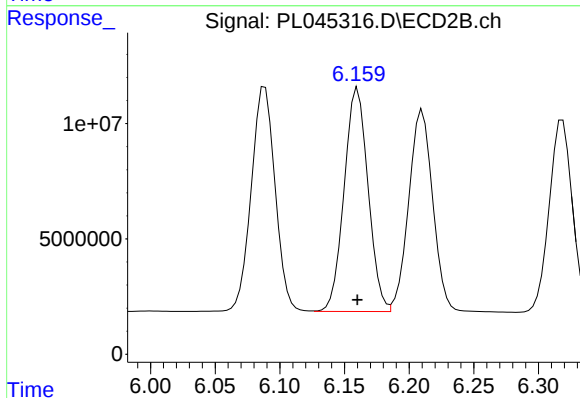
#11 alpha-Chlordane

R.T.: 5.317 min  
Delta R.T.: 0.000 min  
Response: 453363162  
Conc: 46.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
B-1(17-18)MS

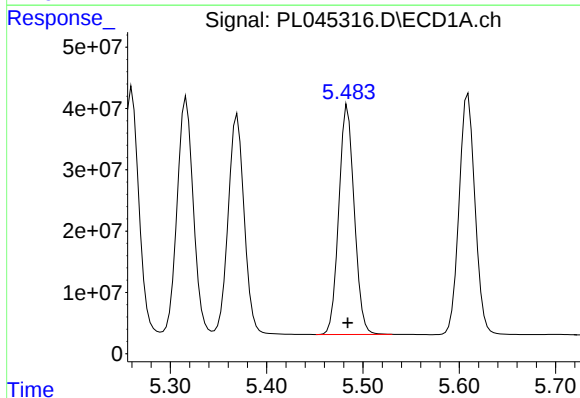
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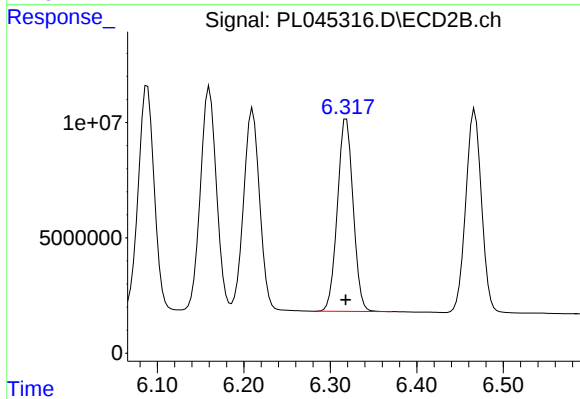
#11 alpha-Chlordane

R.T.: 6.160 min  
Delta R.T.: 0.000 min  
Response: 124575566  
Conc: 46.18 ng/ml



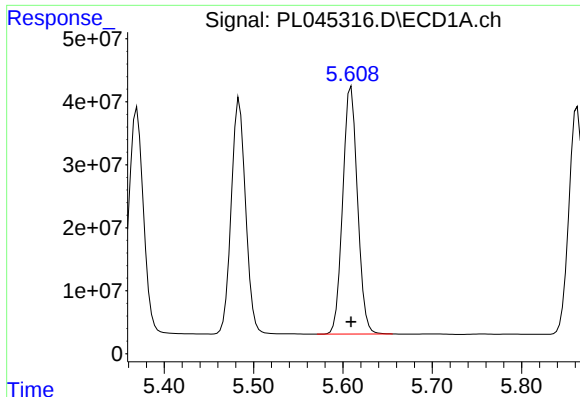
#12 4,4'-DDE

R.T.: 5.484 min  
Delta R.T.: 0.000 min  
Response: 415703416  
Conc: 47.36 ng/ml



#12 4,4'-DDE

R.T.: 6.319 min  
Delta R.T.: 0.000 min  
Response: 104875832  
Conc: 44.90 ng/ml



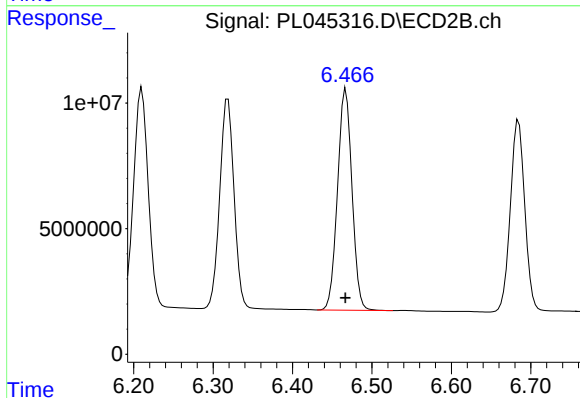
#13 Dieldrin

R.T.: 5.609 min  
Delta R.T.: 0.000 min  
Response: 451031599  
Conc: 47.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
B-1(17-18)MS

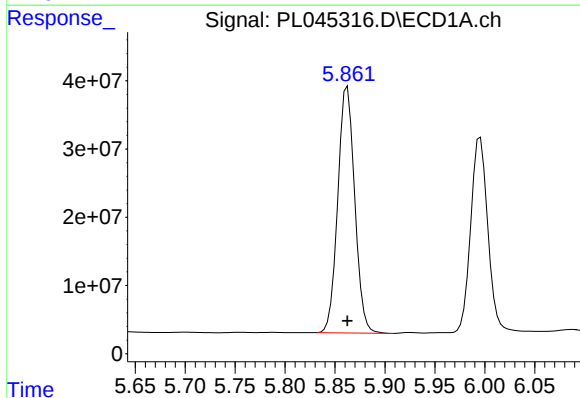
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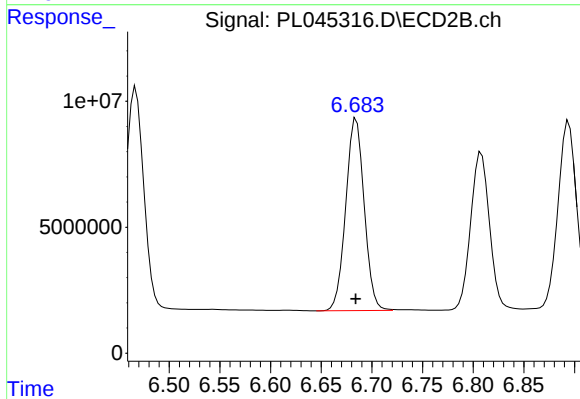
#13 Dieldrin

R.T.: 6.467 min  
Delta R.T.: 0.000 min  
Response: 111553081  
Conc: 43.41 ng/ml



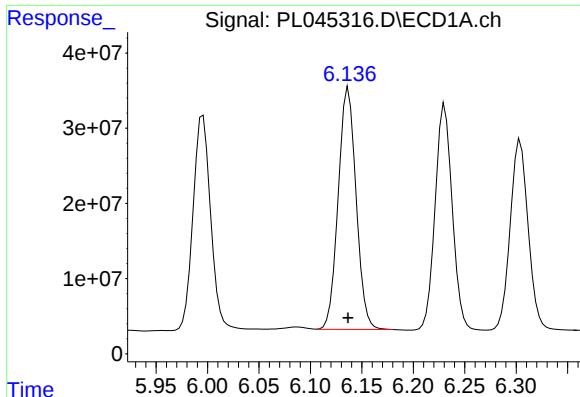
#14 Endrin

R.T.: 5.862 min  
Delta R.T.: 0.000 min  
Response: 426041843  
Conc: 47.31 ng/ml



#14 Endrin

R.T.: 6.685 min  
Delta R.T.: 0.000 min  
Response: 96505321  
Conc: 42.41 ng/ml



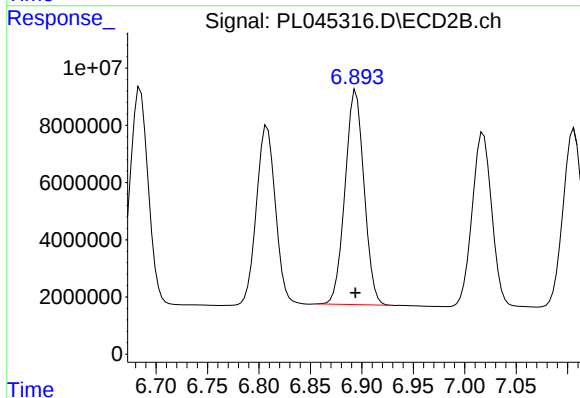
#15 Endosulfan II

R.T.: 6.137 min  
Delta R.T.: 0.000 min  
Response: 389439274  
Conc: 44.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
B-1(17-18)MS

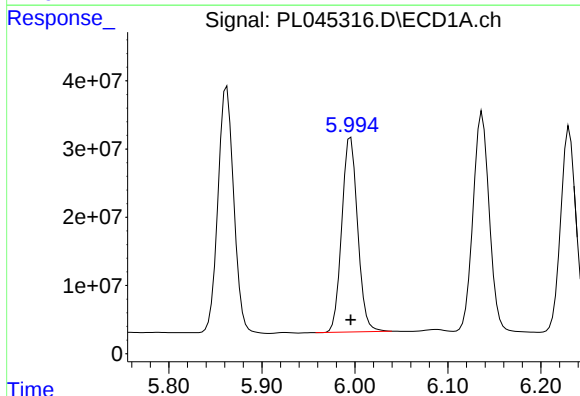
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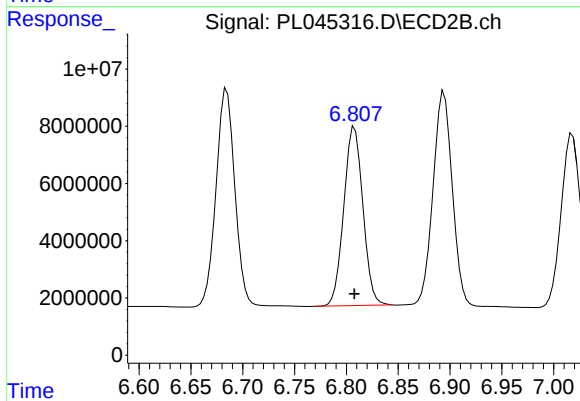
#15 Endosulfan II

R.T.: 6.894 min  
Delta R.T.: 0.000 min  
Response: 96406098  
Conc: 41.00 ng/ml



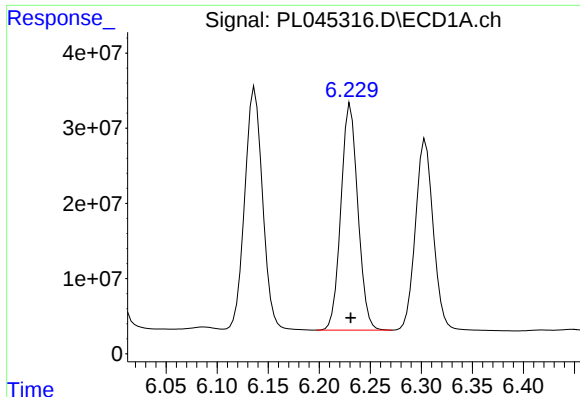
#16 4,4'-DDD

R.T.: 5.996 min  
Delta R.T.: 0.000 min  
Response: 337901645  
Conc: 46.15 ng/ml



#16 4,4'-DDD

R.T.: 6.808 min  
Delta R.T.: 0.000 min  
Response: 80255516  
Conc: 41.73 ng/ml



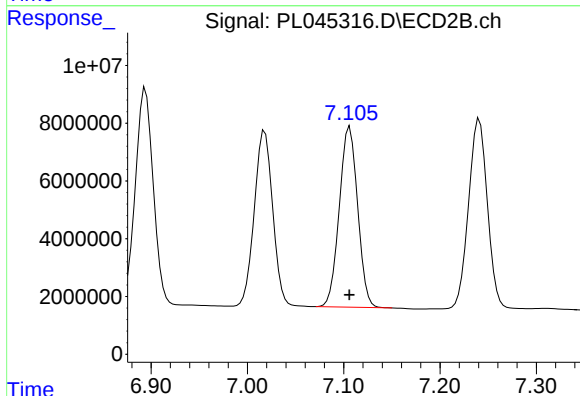
#17 4,4'-DDT

R.T.: 6.231 min  
Delta R.T.: 0.000 min  
Response: 347864420  
Conc: 46.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
B-1(17-18)MS

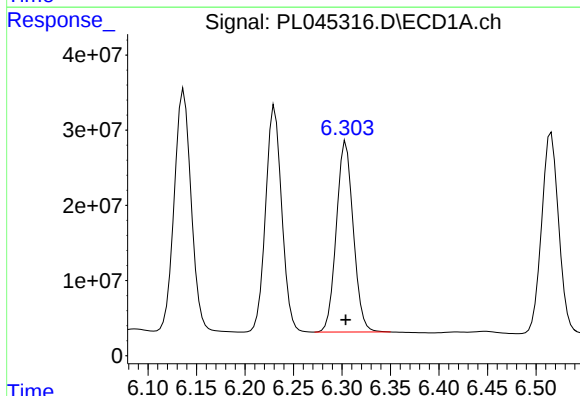
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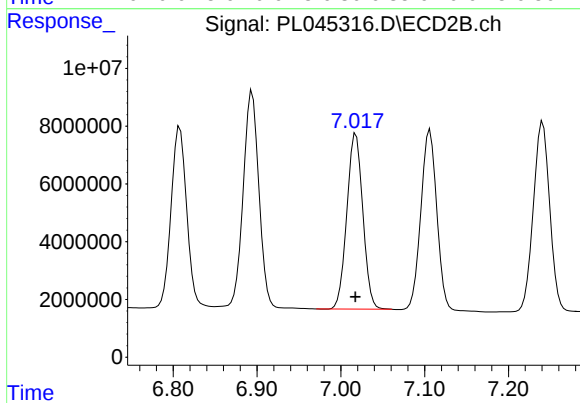
#17 4,4'-DDT

R.T.: 7.106 min  
Delta R.T.: 0.000 min  
Response: 82580126  
Conc: 41.85 ng/ml



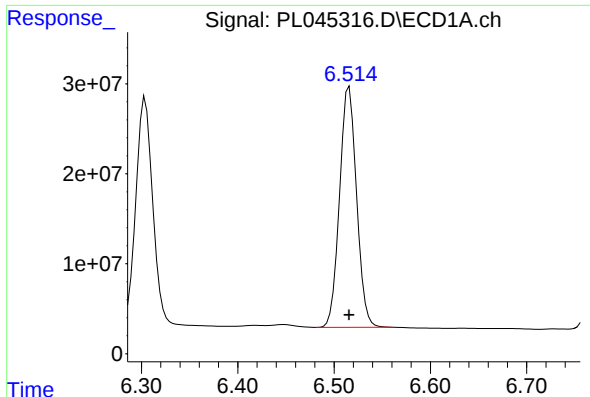
#18 Endrin aldehyde

R.T.: 6.304 min  
Delta R.T.: 0.000 min  
Response: 307224607  
Conc: 42.03 ng/ml



#18 Endrin aldehyde

R.T.: 7.018 min  
Delta R.T.: 0.000 min  
Response: 80703585  
Conc: 39.48 ng/ml



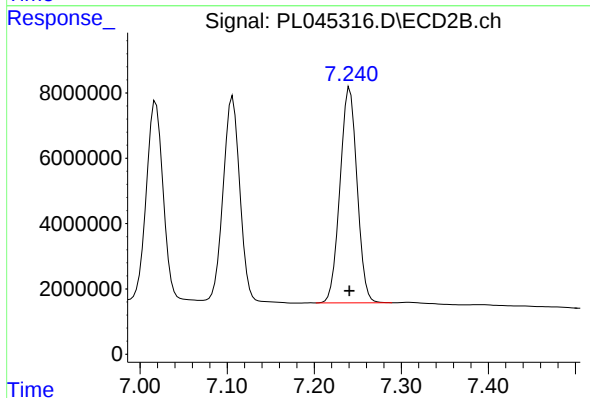
#19 Endosulfan Sulfate

R.T.: 6.516 min  
Delta R.T.: 0.000 min  
Response: 327545560  
Conc: 40.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
B-1(17-18)MS

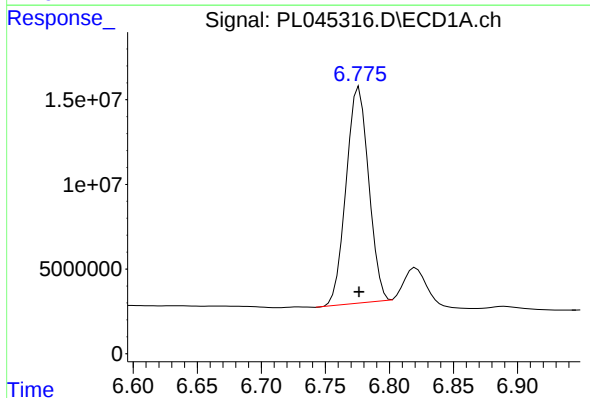
Manual Integrations  
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3/4/2019 11:53:34 AM



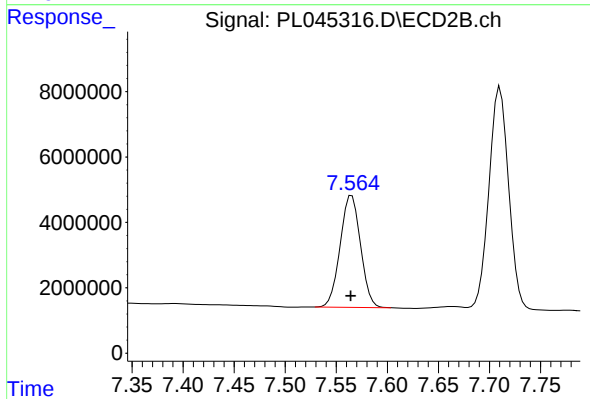
#19 Endosulfan Sulfate

R.T.: 7.241 min  
Delta R.T.: 0.000 min  
Response: 89740433  
Conc: 39.89 ng/ml



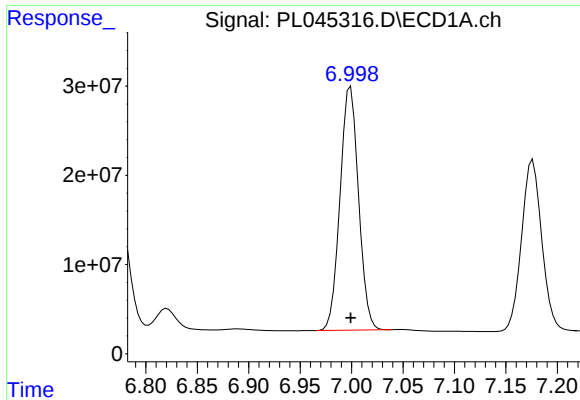
#20 Methoxychlor

R.T.: 6.776 min  
Delta R.T.: 0.000 min  
Response: 156285211  
Conc: 35.59 ng/ml



#20 Methoxychlor

R.T.: 7.564 min  
Delta R.T.: 0.000 min  
Response: 47543381  
Conc: 38.73 ng/ml m



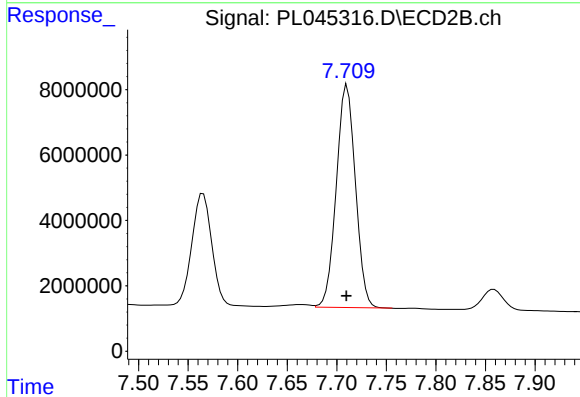
#21 Endrin ketone

R.T.: 6.999 min  
Delta R.T.: 0.000 min  
Response: 341836916  
Conc: 37.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
B-1(17-18)MS

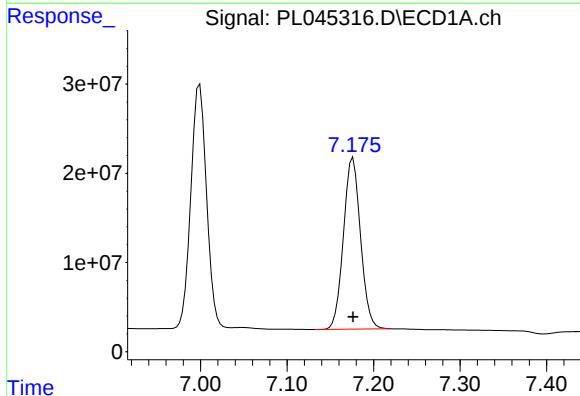
Manual Integrations  
APPROVED

Sohil  
3/4/2019 11:53:34 AM



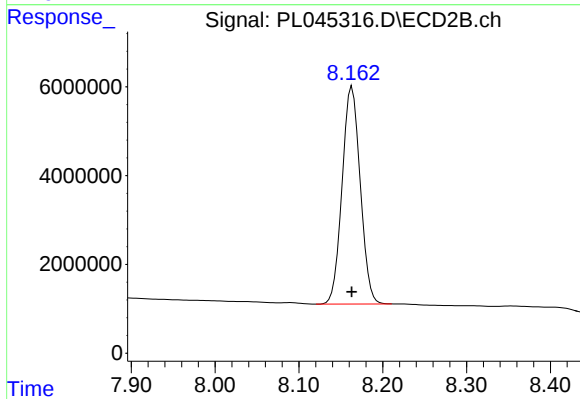
#21 Endrin ketone

R.T.: 7.711 min  
Delta R.T.: 0.000 min  
Response: 91471365  
Conc: 38.46 ng/ml



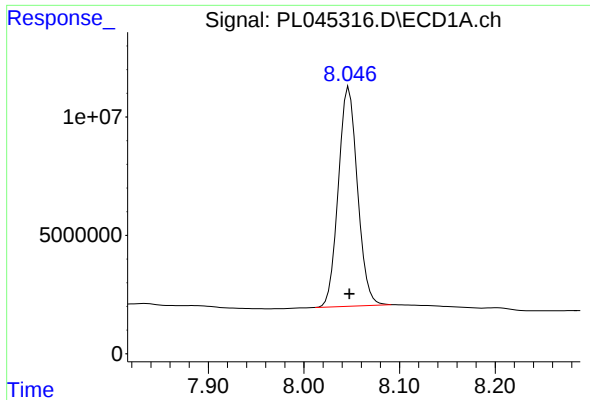
#22 Mirex

R.T.: 7.176 min  
Delta R.T.: 0.000 min  
Response: 262186680  
Conc: 35.24 ng/ml



#22 Mirex

R.T.: 8.163 min  
Delta R.T.: 0.000 min  
Response: 73704639  
Conc: 37.01 ng/ml



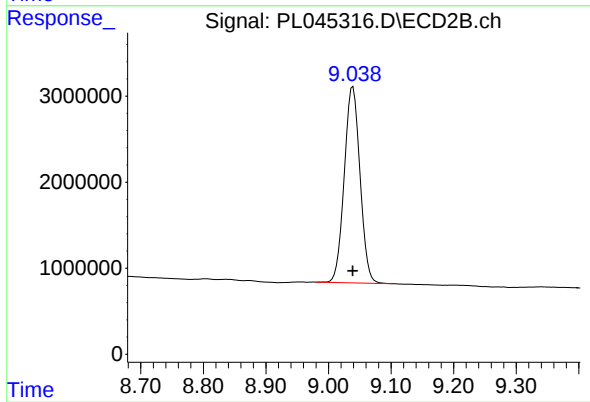
#28 Decachlorobiphenyl

R.T.: 8.047 min  
Delta R.T.: 0.000 min  
Response: 129023902  
Conc: 15.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
B-1(17-18)MS

Manual Integrations  
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#28 Decachlorobiphenyl

R.T.: 9.039 min  
Delta R.T.: 0.000 min  
Response: 39989954  
Conc: 17.50 ng/ml