

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD040921\  
 Data File : PD062090.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Apr 2021 17:51  
 Operator : AR\AJ  
 Sample : M1946-04MS  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 FS-SB9MS

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 10 05:55:23 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD032921.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Mar 30 04:47:56 2021  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 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 x 0.50µm

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2  | ng/ml   | ng/ml  |
|-----------------------------|-----------------|-------|-------|----------|---------|---------|--------|
| -----                       |                 |       |       |          |         |         |        |
| System Monitoring Compounds |                 |       |       |          |         |         |        |
| 1)                          | SA Tetrachlo... | 3.484 | 3.980 | 17877892 | 194.4E6 | 21.352  | 22.375 |
| 28)                         | SA Decachlor... | 8.255 | 9.038 | 24906397 | 177.4E6 | 20.242  | 18.791 |
| Target Compounds            |                 |       |       |          |         |         |        |
| 2)                          | A alpha-BHC     | 3.924 | 4.369 | 77504094 | 820.2E6 | 61.364  | 60.982 |
| 3)                          | MA gamma-BHC... | 4.209 | 4.653 | 72681262 | 763.2E6 | 61.217  | 61.182 |
| 4)                          | MA Heptachlor   | 4.512 | 5.161 | 73140907 | 753.4E6 | 62.827  | 57.815 |
| 5)                          | MB Aldrin       | 4.761 | 5.466 | 68332220 | 694.5E6 | 56.937  | 55.810 |
| 6)                          | B beta-BHC      | 4.459 | 4.823 | 32611489 | 304.2E6 | 59.803  | 58.891 |
| 7)                          | B delta-BHC     | 4.665 | 5.040 | 71641756 | 713.1E6 | 58.974  | 53.915 |
| 8)                          | B Heptachlo...  | 5.205 | 5.851 | 69118760 | 634.5E6 | 60.295  | 53.589 |
| 9)                          | A Endosulfan I  | 5.546 | 6.208 | 65079182 | 619.4E6 | 59.265  | 57.140 |
| 10)                         | B gamma-Chl...  | 5.433 | 6.086 | 70949300 | 673.3E6 | 60.570  | 56.793 |
| 11)                         | B alpha-Chl...  | 5.492 | 6.158 | 69863555 | 645.2E6 | 60.123  | 56.597 |
| 12)                         | B 4,4'-DDE      | 5.654 | 6.315 | 67658684 | 635.3E6 | 60.212  | 55.126 |
| 13)                         | MA Dieldrin     | 5.790 | 6.465 | 72481056 | 707.4E6 | 62.706  | 61.283 |
| 14)                         | MA Endrin       | 6.047 | 6.682 | 67080538 | 573.3E6 | 65.285m | 57.927 |
| 15)                         | B Endosulfa...  | 6.321 | 6.891 | 62270535 | 549.7E6 | 60.758  | 57.900 |
| 16)                         | A 4,4'-DDD      | 6.172 | 6.804 | 56680253 | 533.7E6 | 60.905  | 56.363 |
| 17)                         | MA 4,4'-DDT     | 6.413 | 7.103 | 58041735 | 531.5E6 | 64.439  | 55.641 |
| 18)                         | B Endrin al...  | 6.489 | 7.016 | 53154877 | 460.5E6 | 62.216  | 58.553 |
| 19)                         | B Endosulfa...  | 6.704 | 7.238 | 63933943 | 545.2E6 | 59.251  | 54.403 |
| 20)                         | A Methoxychlor  | 6.959 | 7.561 | 33969204 | 267.8E6 | 71.892  | 59.403 |
| 21)                         | B Endrin ke...  | 7.197 | 7.709 | 73786614 | 548.1E6 | 57.815  | 54.036 |
| 22)                         | Mirex           | 7.387 | 8.163 | 53450843 | 334.7E6 | 65.513  | 51.935 |
| -----                       |                 |       |       |          |         |         |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD040921\  
Data File : PD062090.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Apr 2021 17:51  
Operator : AR\AJ  
Sample : M1946-04MS  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

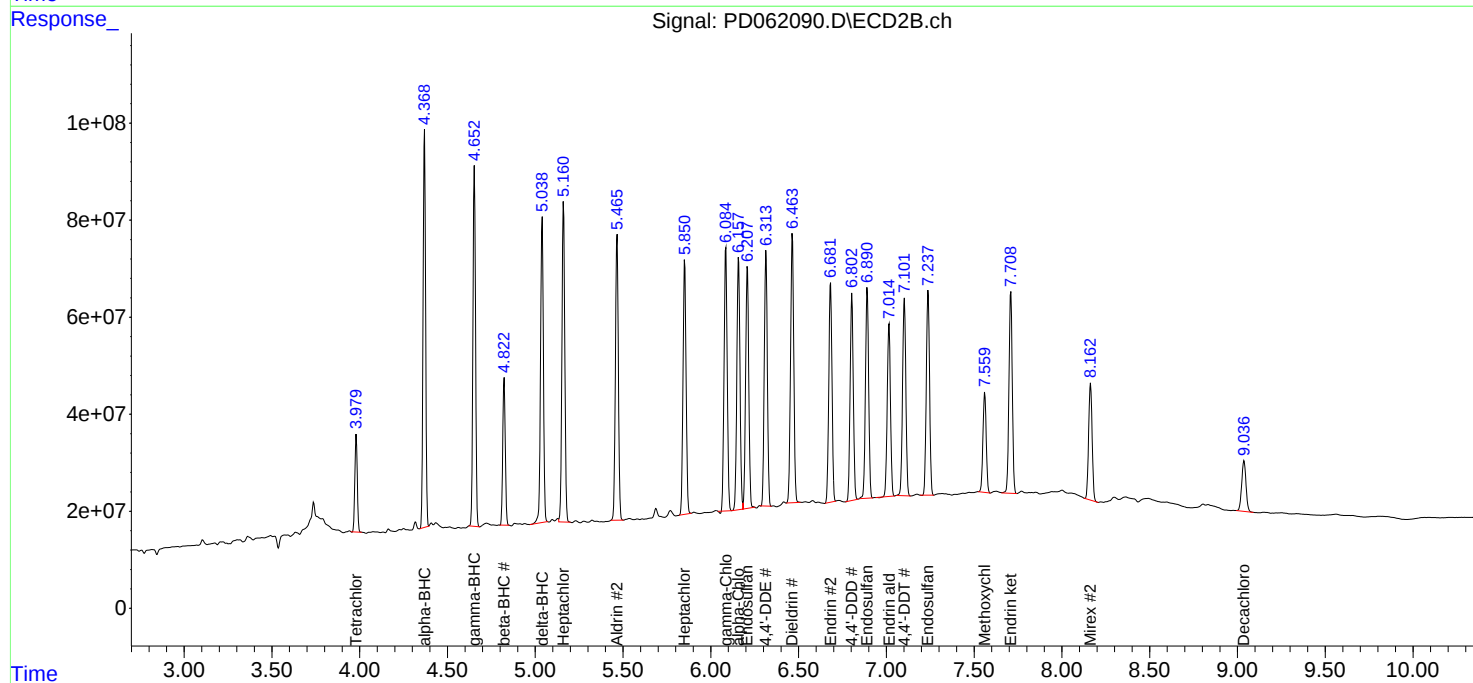
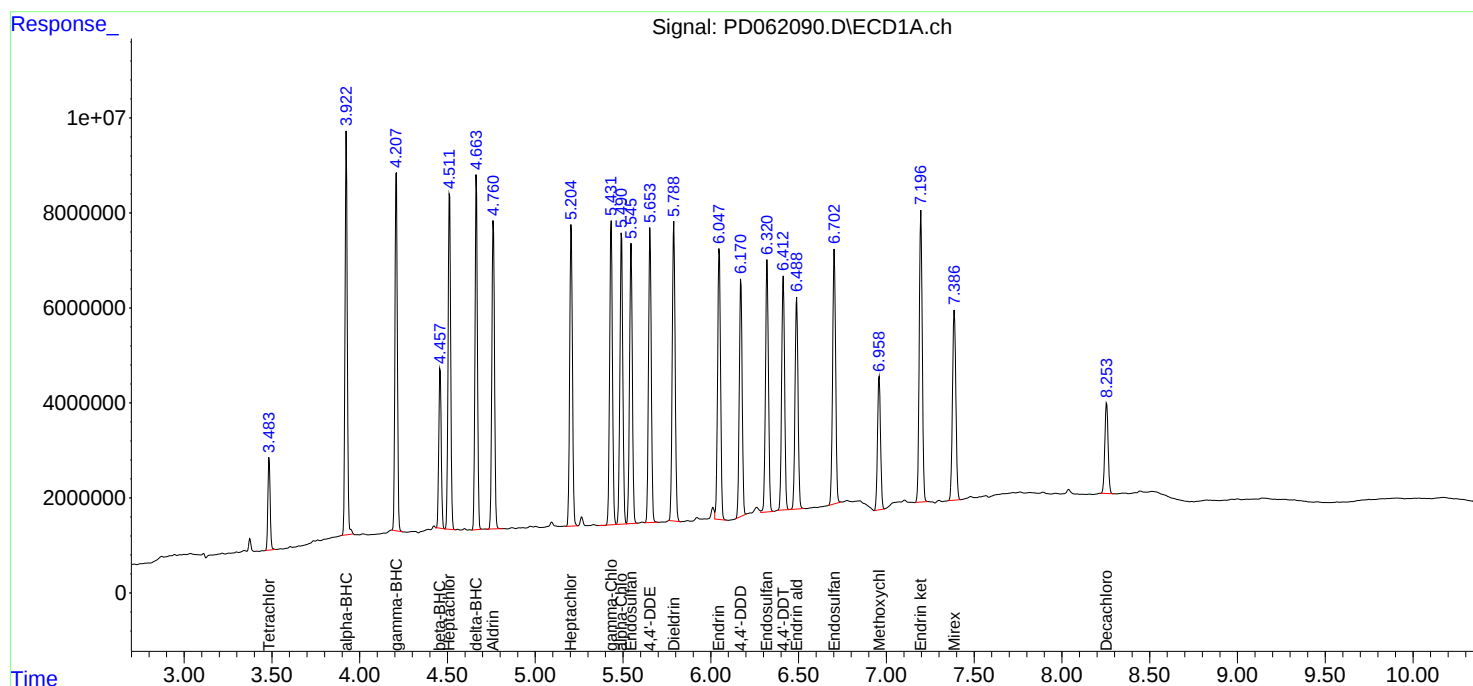
Instrument :  
ECD\_D  
ClientSampleId :  
FS-SB9MS

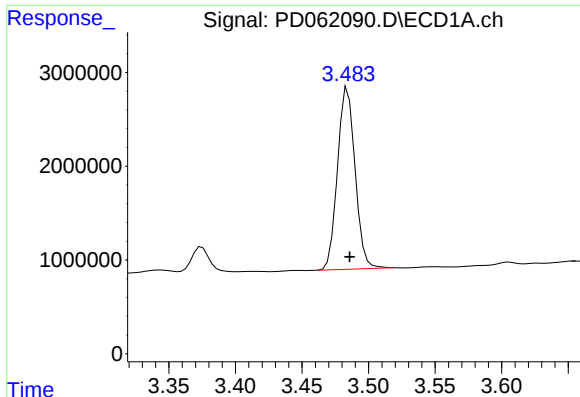
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 10 05:55:23 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD032921.M  
Quant Title : GC Extractables  
QLast Update : Tue Mar 30 04:47:56 2021  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 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 x 0.50µm





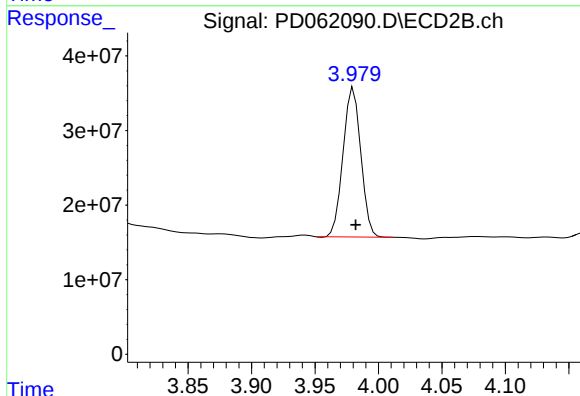
#1 Tetrachloro-m-xylene

R.T.: 3.484 min  
Delta R.T.: -0.002 min  
Response: 17877892  
Conc: 21.35 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
FS-SB9MS

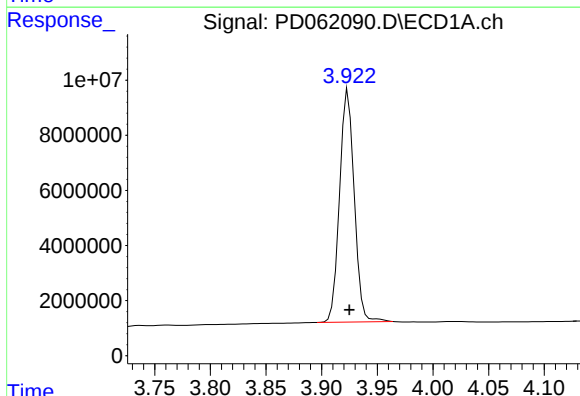
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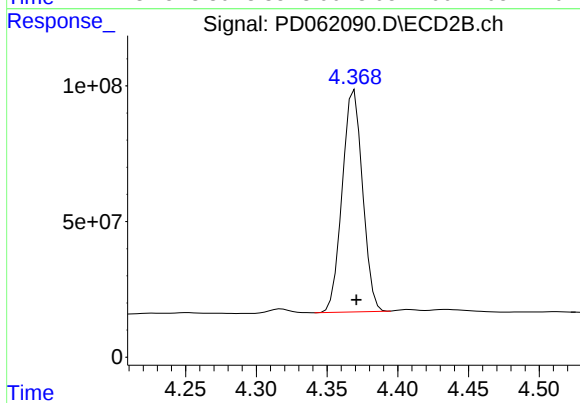
#1 Tetrachloro-m-xylene

R.T.: 3.980 min  
Delta R.T.: -0.002 min  
Response: 194417320  
Conc: 22.38 ng/ml



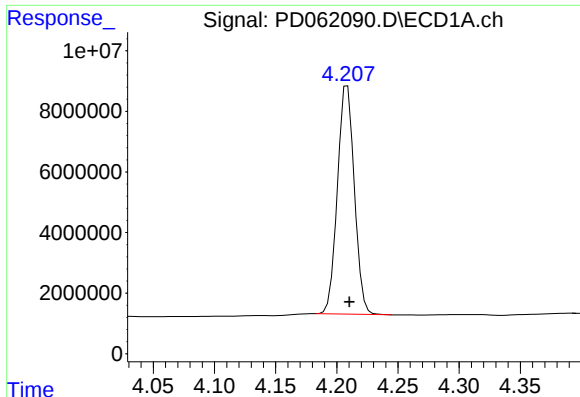
#2 alpha-BHC

R.T.: 3.924 min  
Delta R.T.: -0.001 min  
Response: 77504094  
Conc: 61.36 ng/ml



#2 alpha-BHC

R.T.: 4.369 min  
Delta R.T.: -0.001 min  
Response: 820248468  
Conc: 60.98 ng/ml



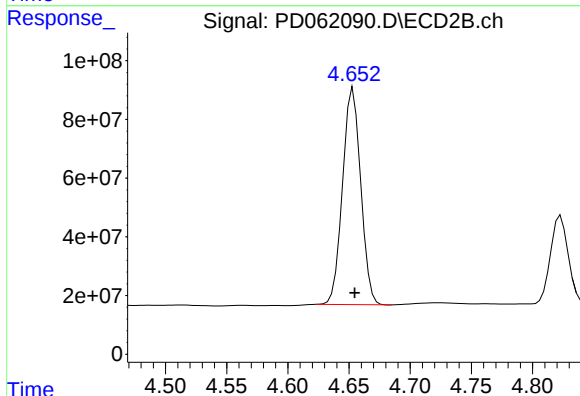
#3 gamma-BHC (Lindane)

R.T.: 4.209 min  
Delta R.T.: -0.001 min  
Response: 72681262  
Conc: 61.22 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
FS-SB9MS

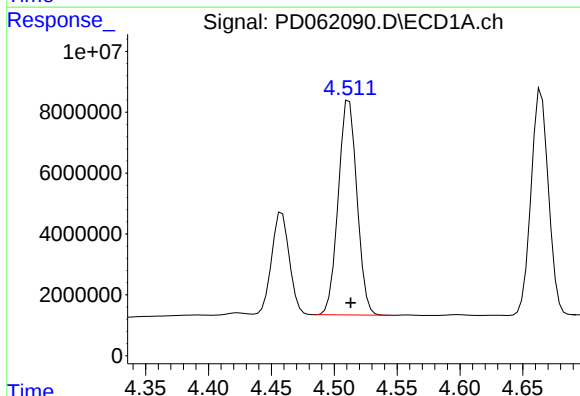
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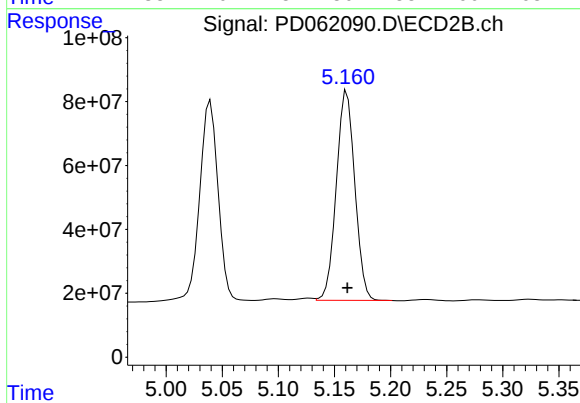
#3 gamma-BHC (Lindane)

R.T.: 4.653 min  
Delta R.T.: -0.001 min  
Response: 763171946  
Conc: 61.18 ng/ml



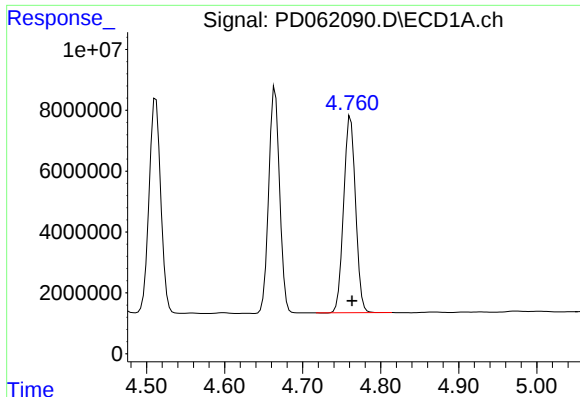
#4 Heptachlor

R.T.: 4.512 min  
Delta R.T.: -0.001 min  
Response: 73140907  
Conc: 62.83 ng/ml



#4 Heptachlor

R.T.: 5.161 min  
Delta R.T.: 0.000 min  
Response: 753411861  
Conc: 57.81 ng/ml



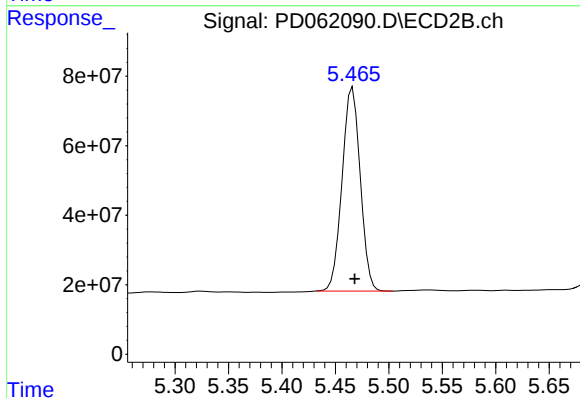
#5 Aldrin

R.T.: 4.761 min  
Delta R.T.: -0.002 min  
Response: 68332220  
Conc: 56.94 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
FS-SB9MS

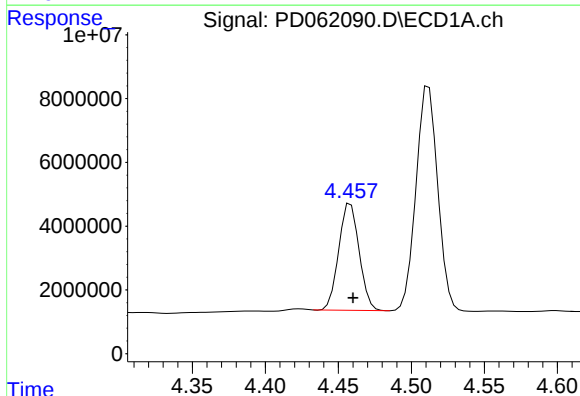
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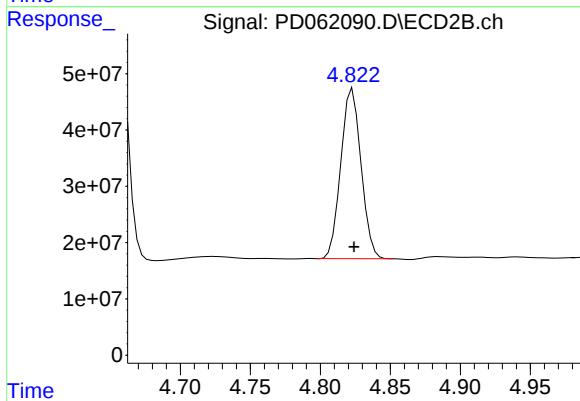
#5 Aldrin

R.T.: 5.466 min  
Delta R.T.: -0.002 min  
Response: 694512580  
Conc: 55.81 ng/ml



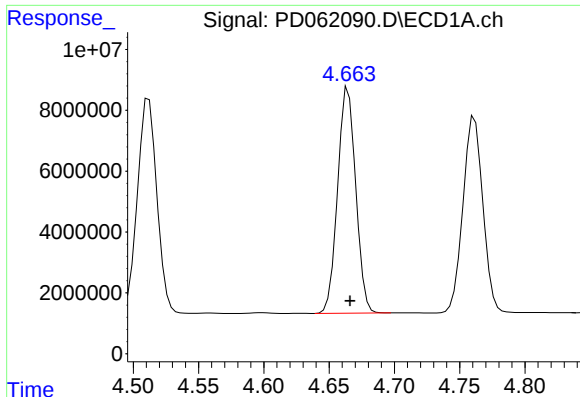
#6 beta-BHC

R.T.: 4.459 min  
Delta R.T.: -0.001 min  
Response: 32611489  
Conc: 59.80 ng/ml



#6 beta-BHC

R.T.: 4.823 min  
Delta R.T.: -0.001 min  
Response: 304179432  
Conc: 58.89 ng/ml



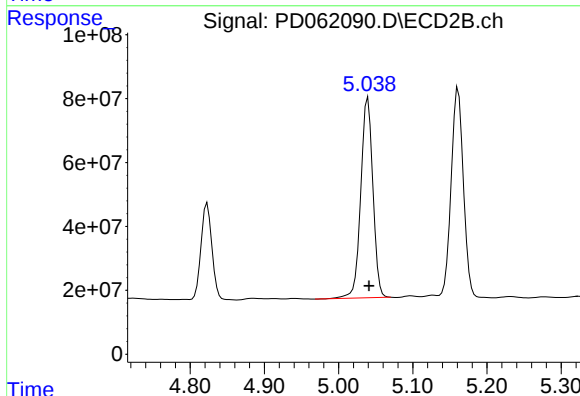
#7 delta-BHC

R.T.: 4.665 min  
Delta R.T.: -0.001 min  
Response: 71641756  
Conc: 58.97 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
FS-SB9MS

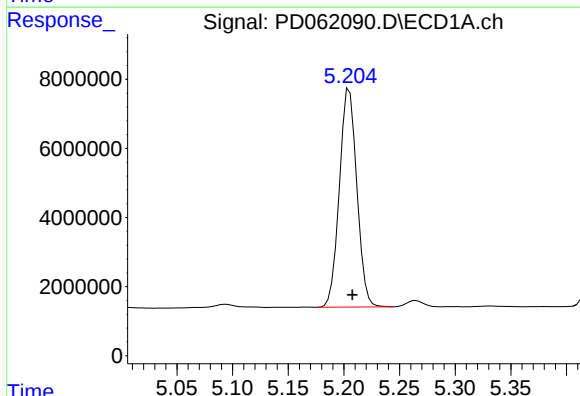
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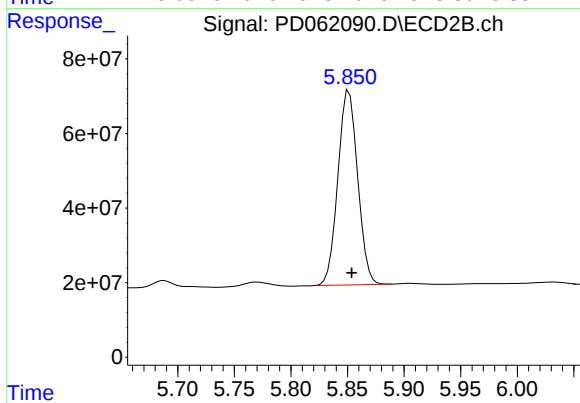
#7 delta-BHC

R.T.: 5.040 min  
Delta R.T.: -0.001 min  
Response: 713138820  
Conc: 53.92 ng/ml



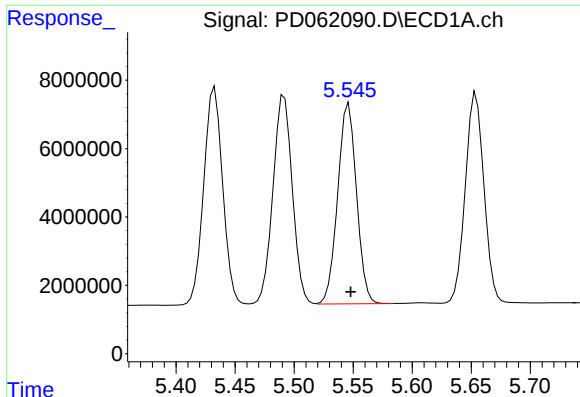
#8 Heptachlor epoxide

R.T.: 5.205 min  
Delta R.T.: -0.002 min  
Response: 69118760  
Conc: 60.29 ng/ml



#8 Heptachlor epoxide

R.T.: 5.851 min  
Delta R.T.: -0.002 min  
Response: 634538948  
Conc: 53.59 ng/ml



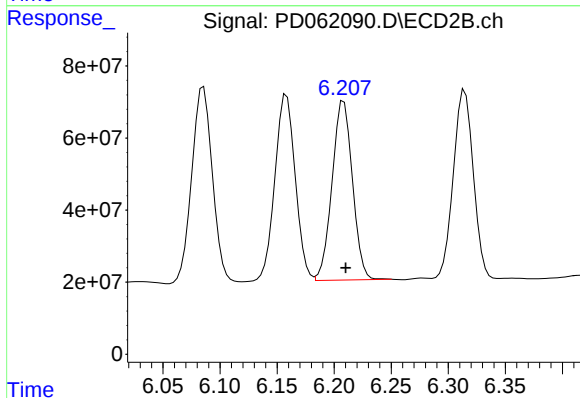
#9 Endosulfan I

R.T.: 5.546 min  
Delta R.T.: -0.002 min  
Response: 65079182  
Conc: 59.26 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
FS-SB9MS

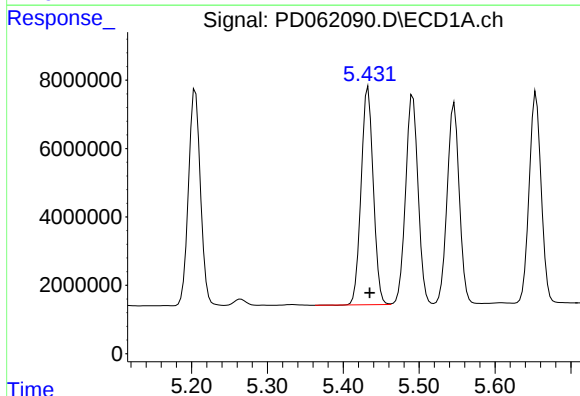
Manual Integrations  
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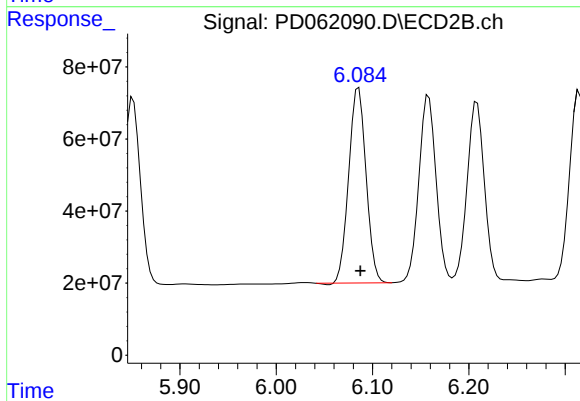
#9 Endosulfan I

R.T.: 6.208 min  
Delta R.T.: -0.002 min  
Response: 619409475  
Conc: 57.14 ng/ml



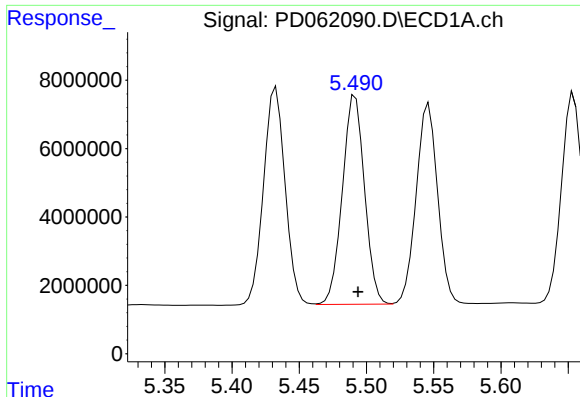
#10 gamma-Chlordane

R.T.: 5.433 min  
Delta R.T.: -0.002 min  
Response: 70949300  
Conc: 60.57 ng/ml



#10 gamma-Chlordane

R.T.: 6.086 min  
Delta R.T.: -0.002 min  
Response: 673283601  
Conc: 56.79 ng/ml



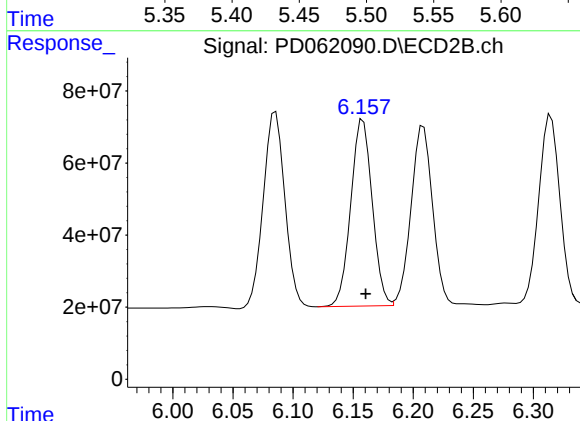
#11 alpha-Chlordane

R.T.: 5.492 min  
Delta R.T.: -0.002 min  
Response: 69863555  
Conc: 60.12 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
FS-SB9MS

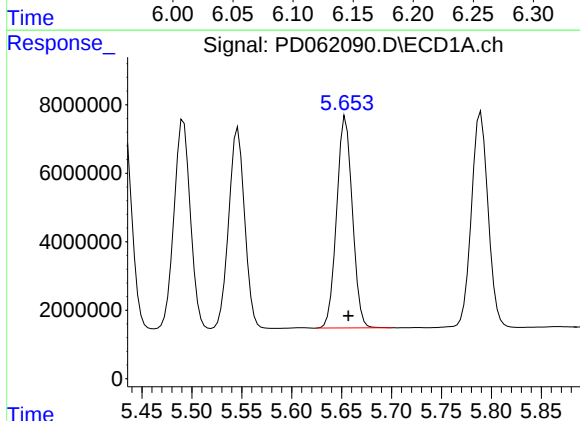
Manual Integrations  
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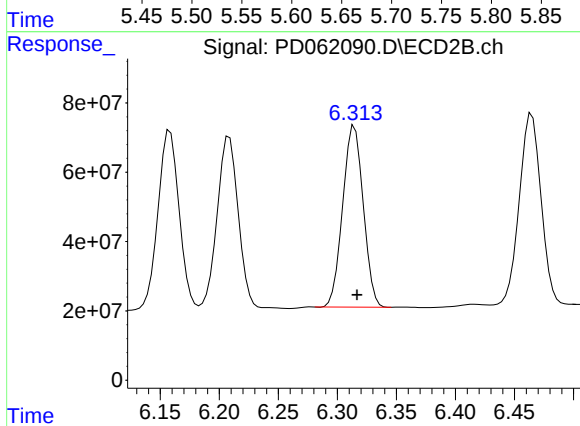
#11 alpha-Chlordane

R.T.: 6.158 min  
Delta R.T.: -0.002 min  
Response: 645206691  
Conc: 56.60 ng/ml



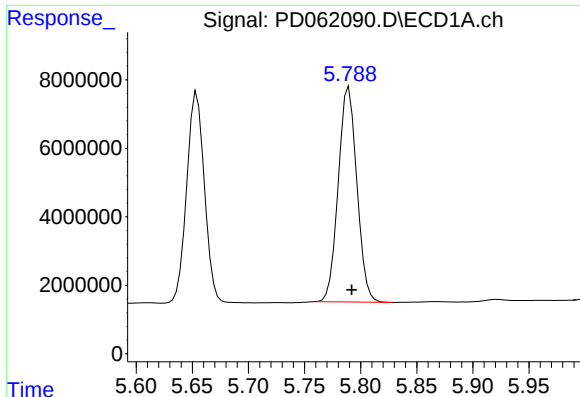
#12 4,4'-DDE

R.T.: 5.654 min  
Delta R.T.: -0.003 min  
Response: 67658684  
Conc: 60.21 ng/ml



#12 4,4'-DDE

R.T.: 6.315 min  
Delta R.T.: -0.002 min  
Response: 635276008  
Conc: 55.13 ng/ml



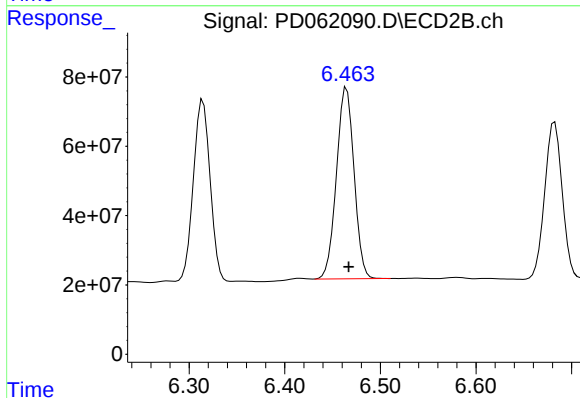
#13 Dieldrin

R.T.: 5.790 min  
Delta R.T.: -0.002 min  
Response: 72481056  
Conc: 62.71 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
FS-SB9MS

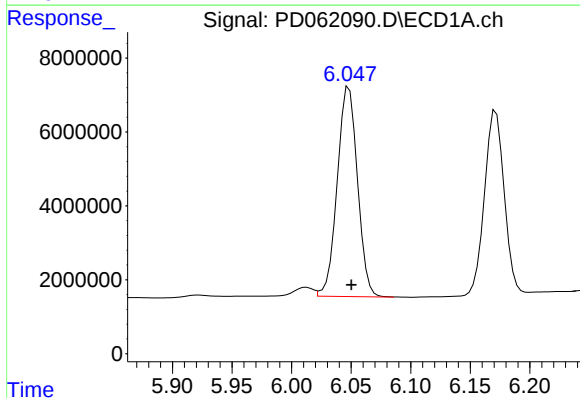
Manual Integrations  
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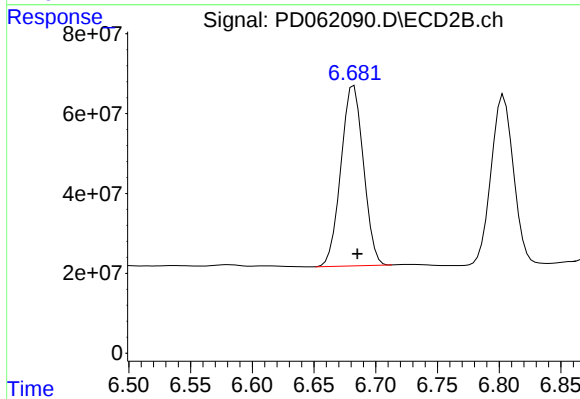
#13 Dieldrin

R.T.: 6.465 min  
Delta R.T.: -0.002 min  
Response: 707365000  
Conc: 61.28 ng/ml



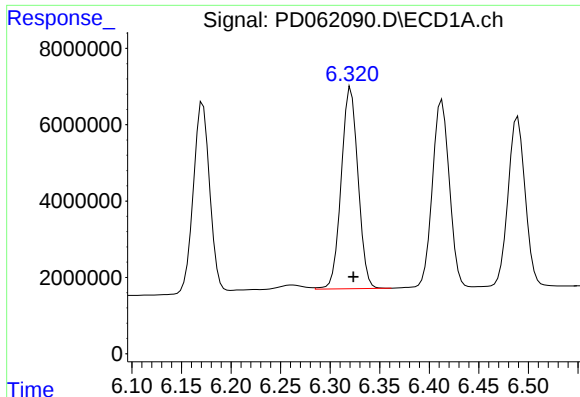
#14 Endrin

R.T.: 6.047 min  
Delta R.T.: -0.003 min  
Response: 67080538  
Conc: 65.28 ng/ml m



#14 Endrin

R.T.: 6.682 min  
Delta R.T.: -0.003 min  
Response: 573256369  
Conc: 57.93 ng/ml



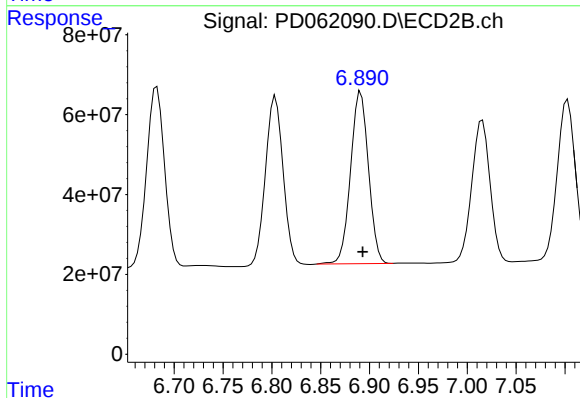
#15 Endosulfan II

R.T.: 6.321 min  
Delta R.T.: -0.002 min  
Response: 62270535  
Conc: 60.76 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
FS-SB9MS

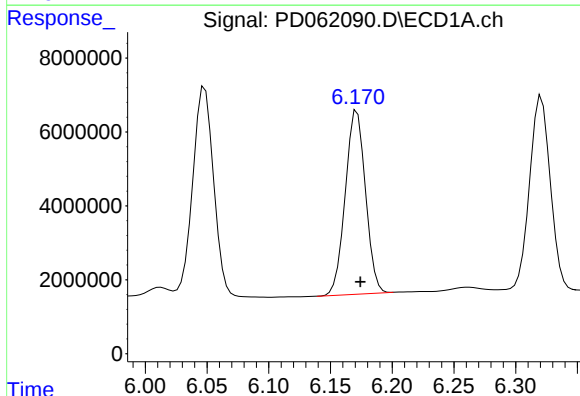
Manual Integrations  
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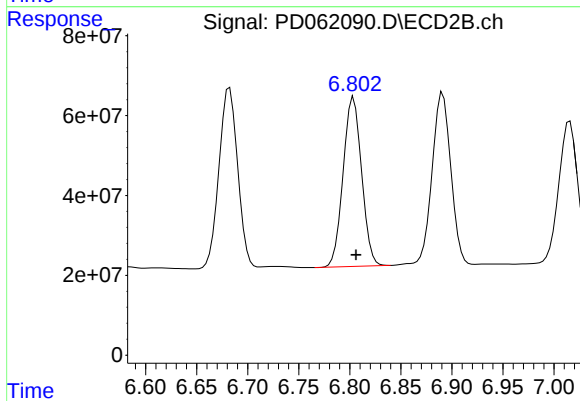
#15 Endosulfan II

R.T.: 6.891 min  
Delta R.T.: -0.002 min  
Response: 549734038  
Conc: 57.90 ng/ml



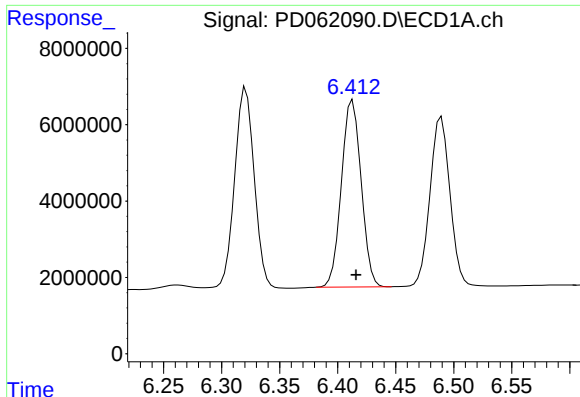
#16 4,4'-DDD

R.T.: 6.172 min  
Delta R.T.: -0.003 min  
Response: 56680253  
Conc: 60.91 ng/ml



#16 4,4'-DDD

R.T.: 6.804 min  
Delta R.T.: -0.002 min  
Response: 533692338  
Conc: 56.36 ng/ml



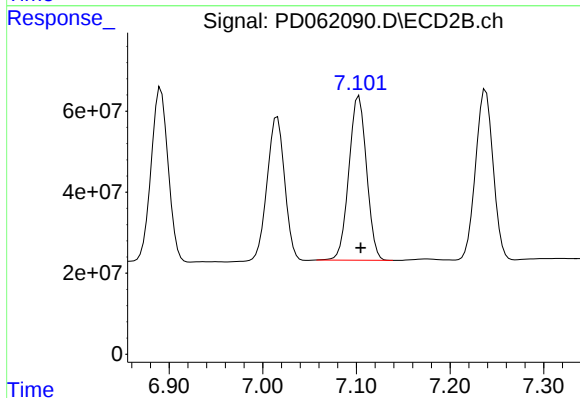
#17 4,4'-DDT

R.T.: 6.413 min  
Delta R.T.: -0.003 min  
Response: 58041735  
Conc: 64.44 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
FS-SB9MS

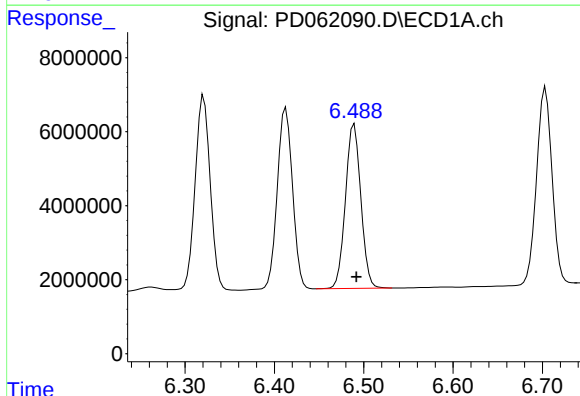
Manual Integrations  
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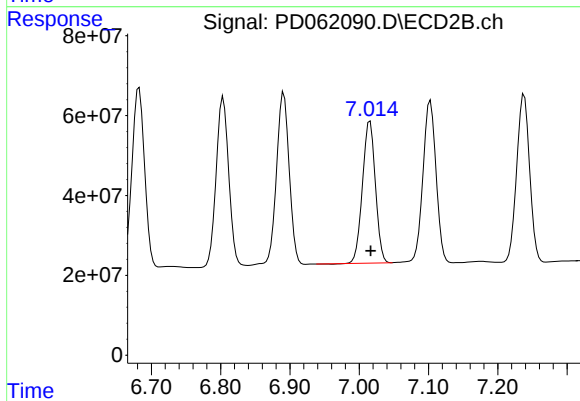
#17 4,4'-DDT

R.T.: 7.103 min  
Delta R.T.: -0.002 min  
Response: 531462382  
Conc: 55.64 ng/ml



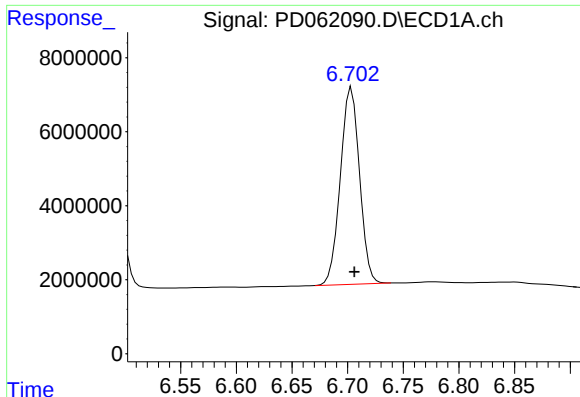
#18 Endrin aldehyde

R.T.: 6.489 min  
Delta R.T.: -0.003 min  
Response: 53154877  
Conc: 62.22 ng/ml



#18 Endrin aldehyde

R.T.: 7.016 min  
Delta R.T.: -0.001 min  
Response: 460477136  
Conc: 58.55 ng/ml



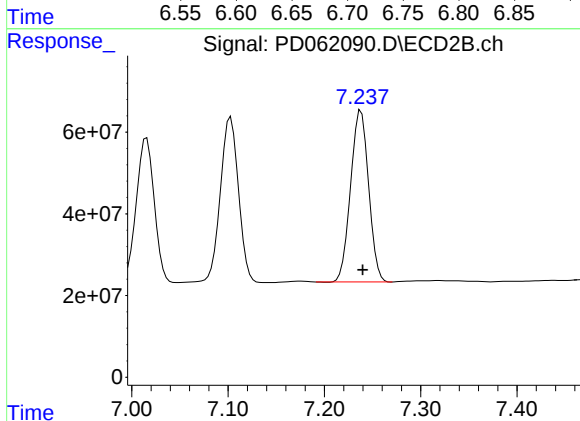
#19 Endosulfan Sulfate

R.T.: 6.704 min  
Delta R.T.: -0.002 min  
Response: 63933943  
Conc: 59.25 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
FS-SB9MS

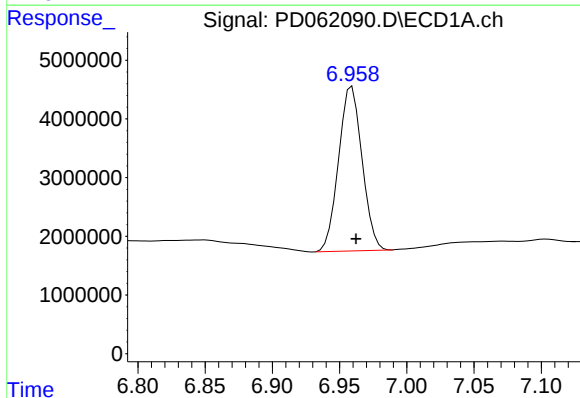
Manual Integrations  
APPROVED

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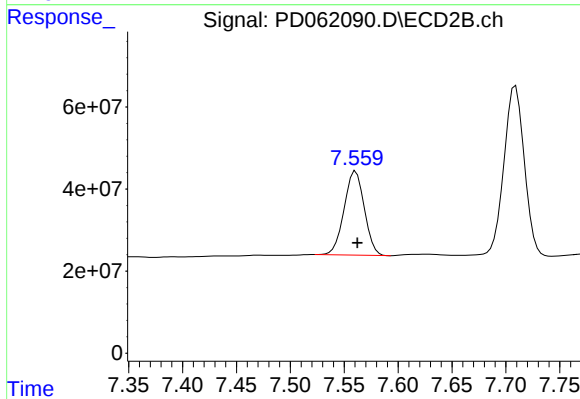
#19 Endosulfan Sulfate

R.T.: 7.238 min  
Delta R.T.: -0.002 min  
Response: 545243681  
Conc: 54.40 ng/ml



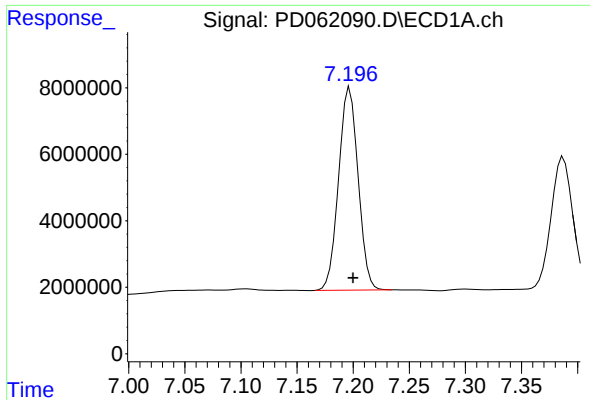
#20 Methoxychlor

R.T.: 6.959 min  
Delta R.T.: -0.003 min  
Response: 33969204  
Conc: 71.89 ng/ml



#20 Methoxychlor

R.T.: 7.561 min  
Delta R.T.: -0.002 min  
Response: 267782436  
Conc: 59.40 ng/ml



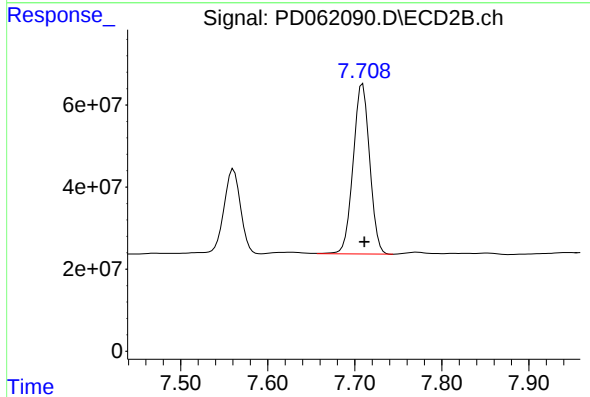
#21 Endrin ketone

R.T.: 7.197 min  
Delta R.T.: -0.003 min  
Response: 73786614  
Conc: 57.82 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
FS-SB9MS

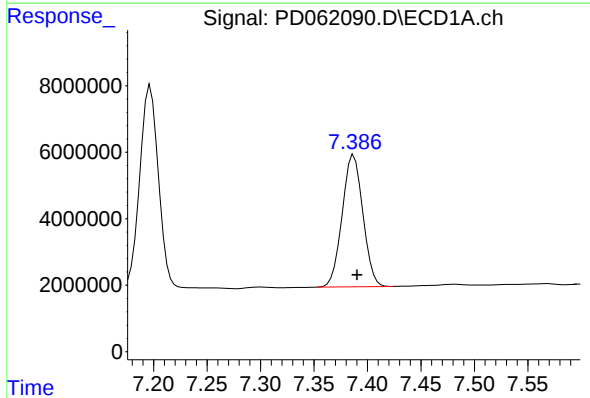
Manual Integrations  
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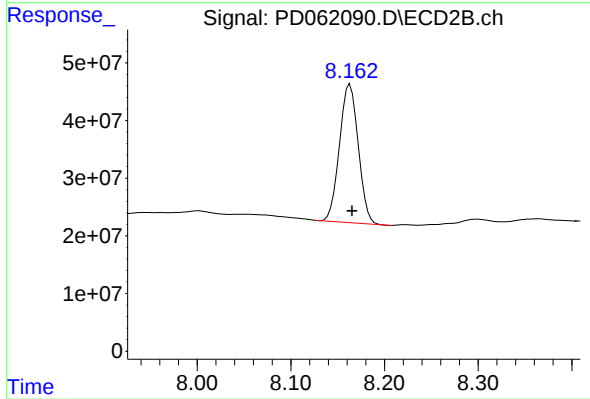
#21 Endrin ketone

R.T.: 7.709 min  
Delta R.T.: -0.002 min  
Response: 548062129  
Conc: 54.04 ng/ml



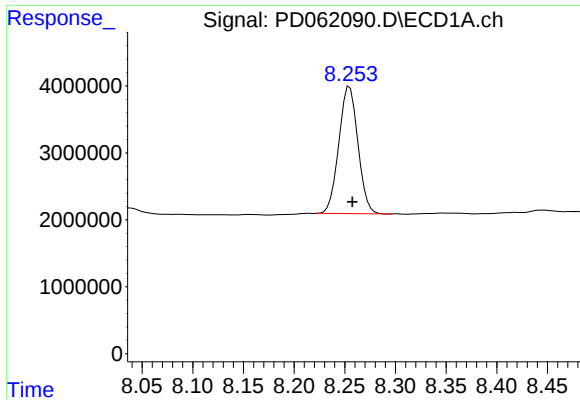
#22 Mirex

R.T.: 7.387 min  
Delta R.T.: -0.003 min  
Response: 53450843  
Conc: 65.51 ng/ml



#22 Mirex

R.T.: 8.163 min  
Delta R.T.: -0.002 min  
Response: 334691803  
Conc: 51.93 ng/ml



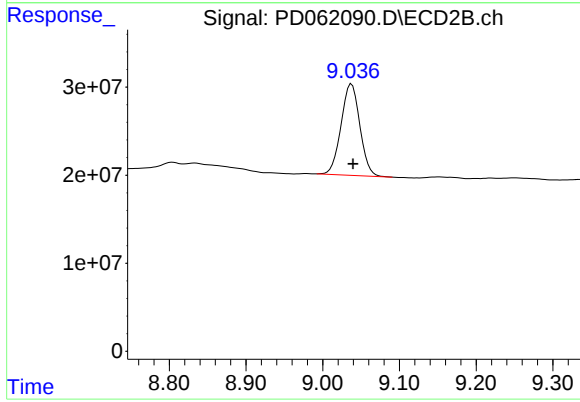
#28 Decachlorobiphenyl

R.T.: 8.255 min  
Delta R.T.: -0.003 min  
Response: 24906397  
Conc: 20.24 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
FS-SB9MS

Manual Integrations  
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#28 Decachlorobiphenyl

R.T.: 9.038 min  
Delta R.T.: -0.002 min  
Response: 177397015  
Conc: 18.79 ng/ml