

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD010622\  
 Data File : PD067625.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 Jan 2022 12:05  
 Operator : AR\AJ  
 Sample : PB141835BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PB141835BS

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 01/06/2022  
 Supervised By : Ankita Jodhani 01/06/2022

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 06 00:10:58 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PD122821.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Dec 28 03:00:50 2021  
 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... | 3.437 | 3.961 | 39354235 | 157.2E6 | 21.656 | 23.821  |
| 28)                         | SA Decachlor... | 8.161 | 9.019 | 18830030 | 104.8E6 | 21.198 | 22.061  |
| Target Compounds            |                 |       |       |          |         |        |         |
| 2)                          | A alpha-BHC     | 3.875 | 4.354 | 160.9E6  | 510.9E6 | 55.780 | 55.069m |
| 3)                          | MA gamma-BHC... | 4.156 | 4.641 | 145.7E6  | 481.7E6 | 54.781 | 57.157  |
| 4)                          | MA Heptachlor   | 4.449 | 5.140 | 147.6E6  | 419.7E6 | 54.275 | 54.711  |
| 5)                          | MB Aldrin       | 4.695 | 5.444 | 148.8E6  | 397.0E6 | 53.766 | 53.534  |
| 6)                          | B beta-BHC      | 4.405 | 4.820 | 59429941 | 218.1E6 | 54.076 | 55.943  |
| 7)                          | B delta-BHC     | 4.607 | 5.035 | 141.5E6  | 440.9E6 | 54.845 | 58.835  |
| 8)                          | B Heptachlo...  | 5.136 | 5.834 | 133.1E6  | 270.9E6 | 54.011 | 50.747  |
| 9)                          | A Endosulfan I  | 5.472 | 6.191 | 122.4E6  | 338.8E6 | 55.010 | 55.967  |
| 10)                         | B gamma-Chl...  | 5.360 | 6.068 | 133.2E6  | 357.6E6 | 53.878 | 55.127  |
| 11)                         | B alpha-Chl...  | 5.418 | 6.139 | 130.7E6  | 356.3E6 | 54.046 | 54.963  |
| 12)                         | B 4,4'-DDE      | 5.581 | 6.300 | 121.7E6  | 352.2E6 | 54.964 | 57.173  |
| 13)                         | MA Dieldrin     | 5.714 | 6.449 | 128.8E6  | 359.9E6 | 53.347 | 54.180  |
| 14)                         | MA Endrin       | 5.971 | 6.668 | 103.4E6  | 285.9E6 | 49.241 | 51.578  |
| 15)                         | B Endosulfa...  | 6.244 | 6.883 | 97116496 | 298.4E6 | 48.428 | 50.205  |
| 16)                         | A 4,4'-DDD      | 6.096 | 6.795 | 99701297 | 299.8E6 | 58.033 | 59.889  |
| 17)                         | MA 4,4'-DDT     | 6.335 | 7.092 | 90328190 | 290.0E6 | 55.280 | 54.194  |
| 18)                         | B Endrin al...  | 6.413 | 7.008 | 78057698 | 249.6E6 | 51.368 | 55.333  |
| 19)                         | B Endosulfa...  | 6.624 | 7.231 | 87218399 | 295.9E6 | 54.023 | 54.138  |
| 20)                         | A Methoxychlor  | 6.882 | 7.555 | 43571823 | 153.6E6 | 51.329 | 52.950  |
| 21)                         | B Endrin ke...  | 7.116 | 7.703 | 96101786 | 353.6E6 | 56.153 | 56.342  |
| 22)                         | Mirex           | 7.295 | 8.150 | 63344479 | 237.6E6 | 52.958 | 54.715  |
| -----                       |                 |       |       |          |         |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD010622\  
 Data File : PD067625.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 Jan 2022 12:05  
 Operator : AR\AJ  
 Sample : PB141835BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

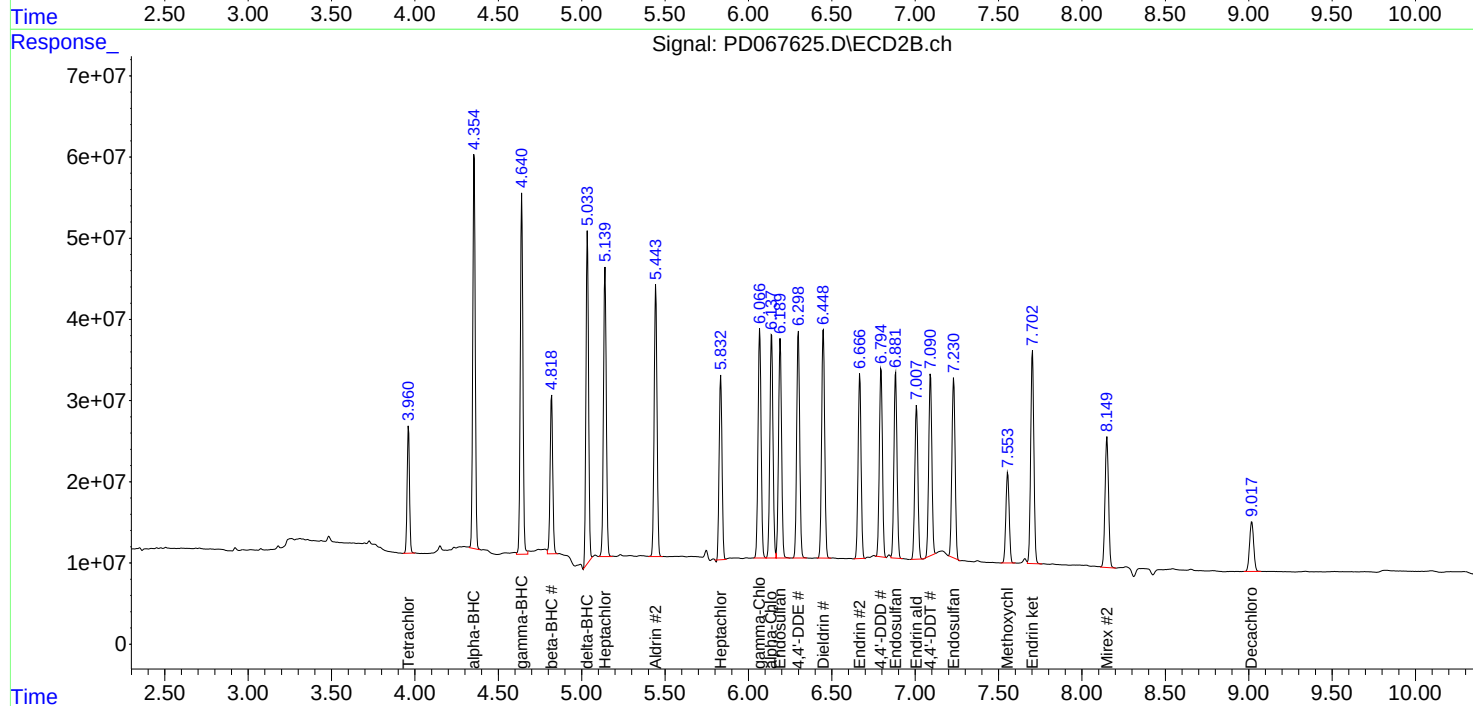
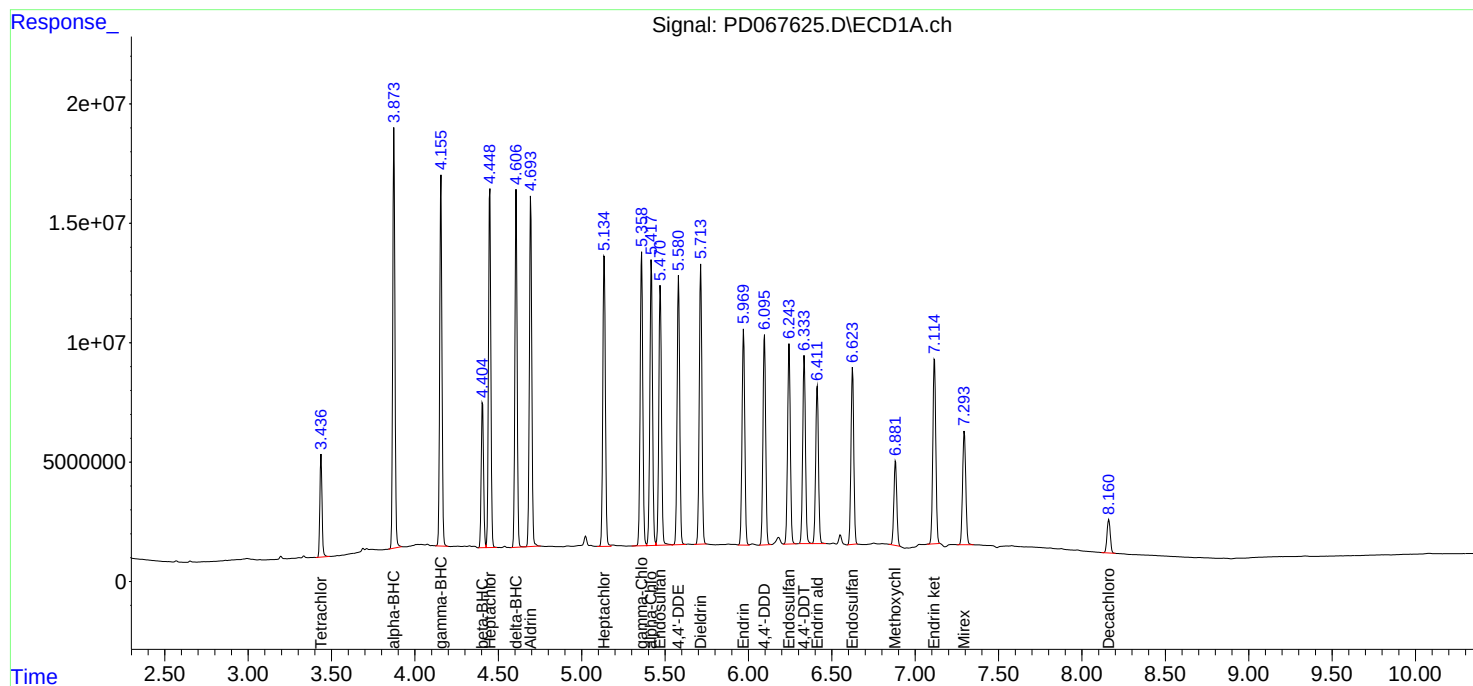
Instrument :  
 ECD\_D  
 ClientSampleId :  
 PB141835BS

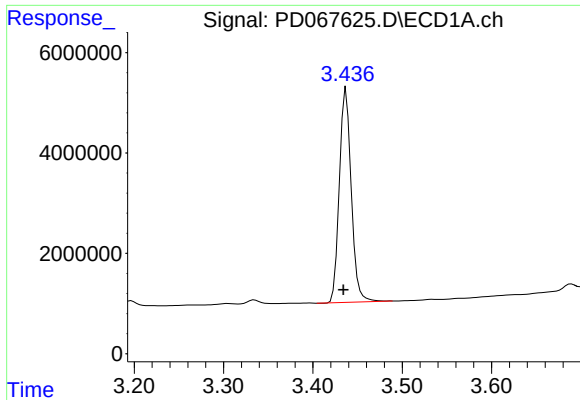
Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 06 00:10:58 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PD122821.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Dec 28 03:00:50 2021  
 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





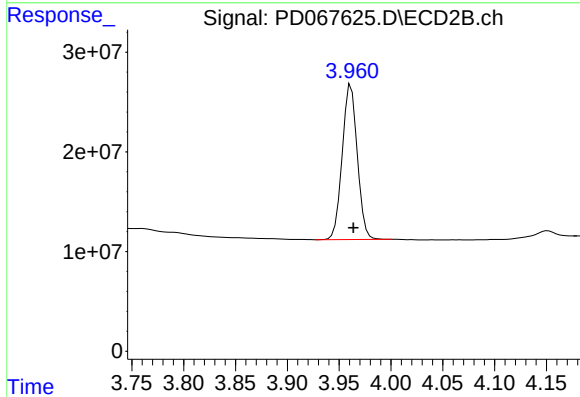
#1 Tetrachloro-m-xylene

R.T.: 3.437 min  
Delta R.T.: 0.003 min  
Response: 39354235  
Conc: 21.66 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB141835BS

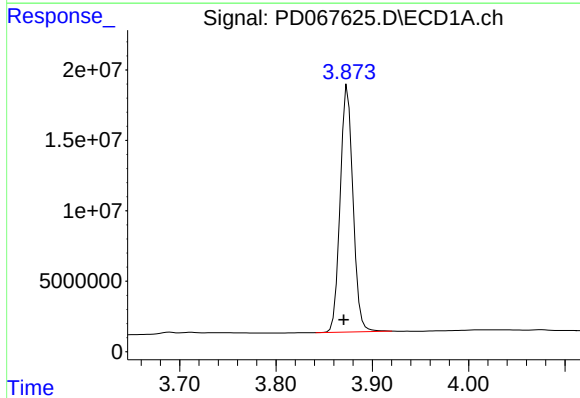
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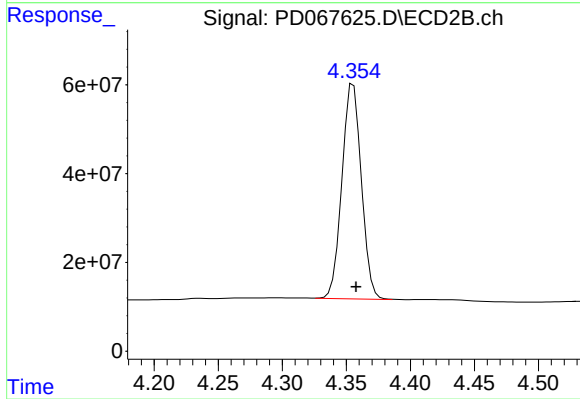
#1 Tetrachloro-m-xylene

R.T.: 3.961 min  
Delta R.T.: -0.002 min  
Response: 157175091  
Conc: 23.82 ng/ml



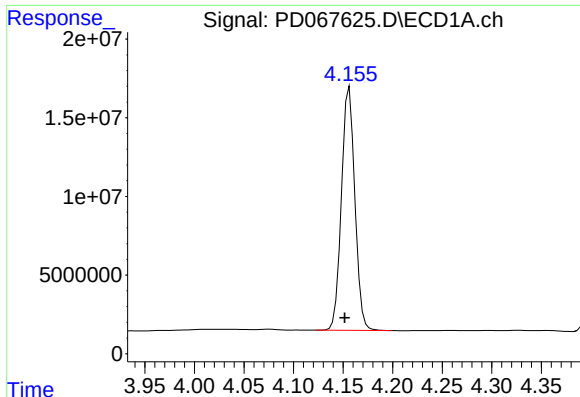
#2 alpha-BHC

R.T.: 3.875 min  
Delta R.T.: 0.004 min  
Response: 160874511  
Conc: 55.78 ng/ml



#2 alpha-BHC

R.T.: 4.354 min  
Delta R.T.: -0.004 min  
Response: 510943020  
Conc: 55.07 ng/ml m



#3 gamma-BHC (Lindane)

R.T.: 4.156 min  
Delta R.T.: 0.005 min  
Response: 145698386  
Conc: 54.78 ng/ml

Instrument :

ECD\_D

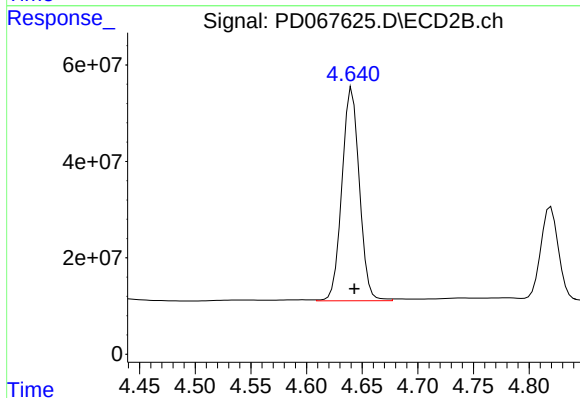
ClientSampleId :

PB141835BS

Manual Integrations

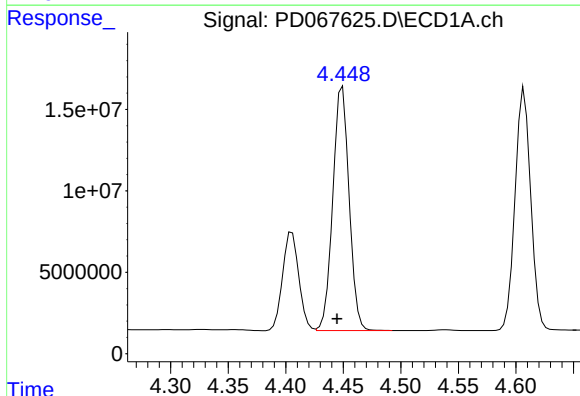
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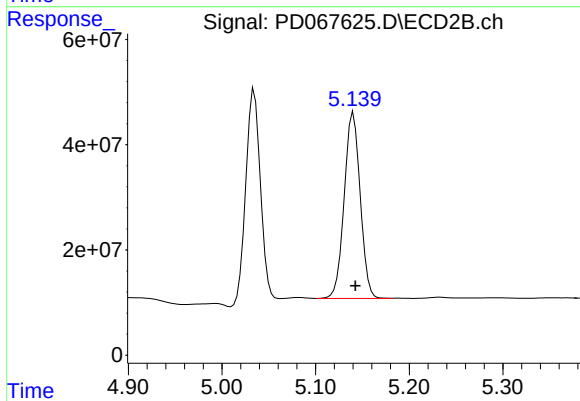
#3 gamma-BHC (Lindane)

R.T.: 4.641 min  
Delta R.T.: -0.002 min  
Response: 481707306  
Conc: 57.16 ng/ml



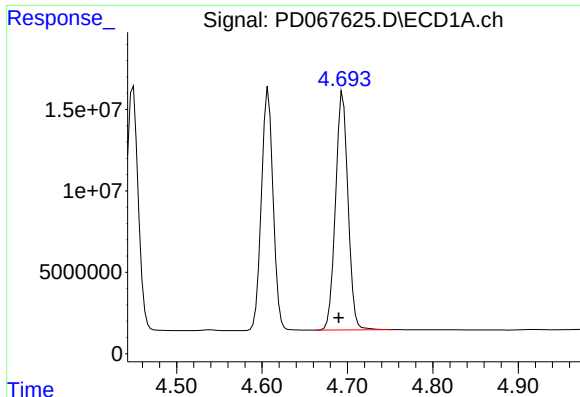
#4 Heptachlor

R.T.: 4.449 min  
Delta R.T.: 0.005 min  
Response: 147598254  
Conc: 54.28 ng/ml



#4 Heptachlor

R.T.: 5.140 min  
Delta R.T.: -0.002 min  
Response: 419740673  
Conc: 54.71 ng/ml



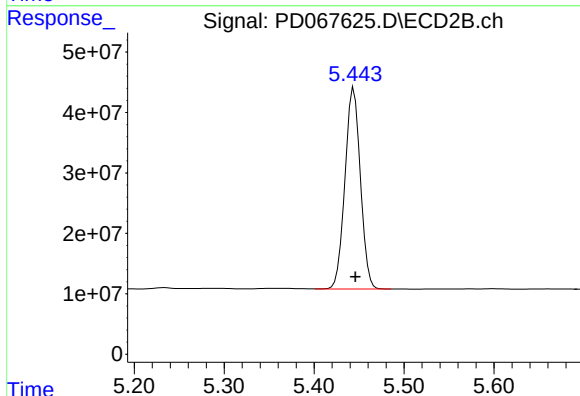
#5 Aldrin

R.T.: 4.695 min  
Delta R.T.: 0.005 min  
Response: 148817072  
Conc: 53.77 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB141835BS

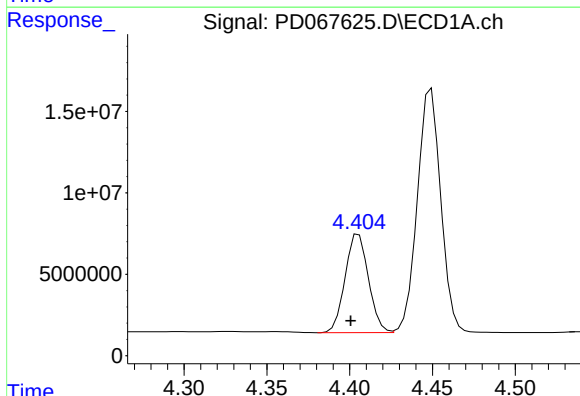
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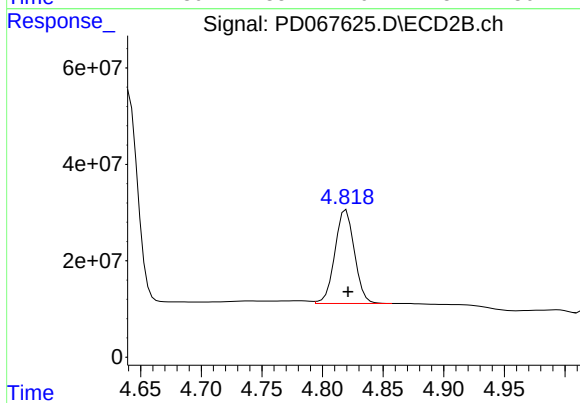
#5 Aldrin

R.T.: 5.444 min  
Delta R.T.: -0.001 min  
Response: 396950095  
Conc: 53.53 ng/ml



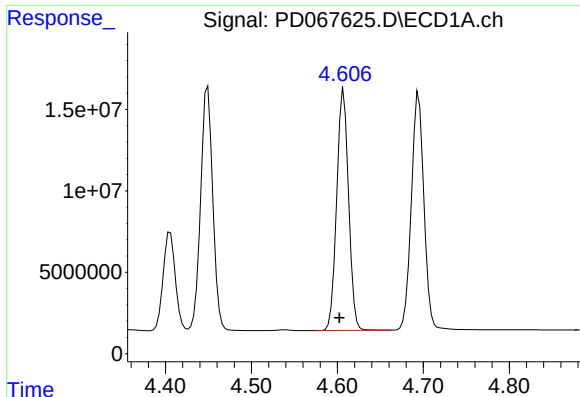
#6 beta-BHC

R.T.: 4.405 min  
Delta R.T.: 0.005 min  
Response: 59429941  
Conc: 54.08 ng/ml



#6 beta-BHC

R.T.: 4.820 min  
Delta R.T.: -0.001 min  
Response: 218140140  
Conc: 55.94 ng/ml



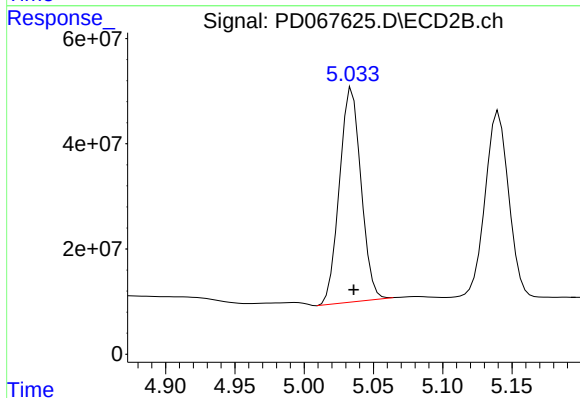
#7 delta-BHC

R.T.: 4.607 min  
Delta R.T.: 0.005 min  
Response: 141519809  
Conc: 54.85 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB141835BS

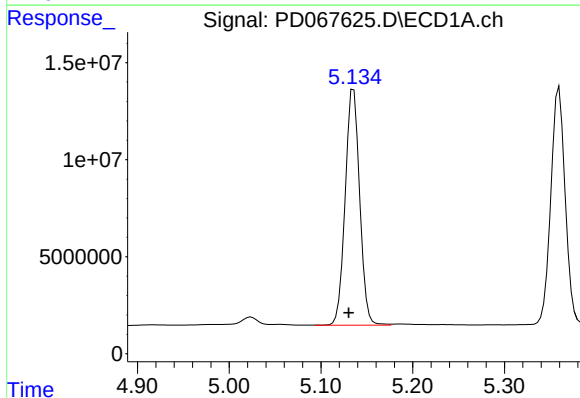
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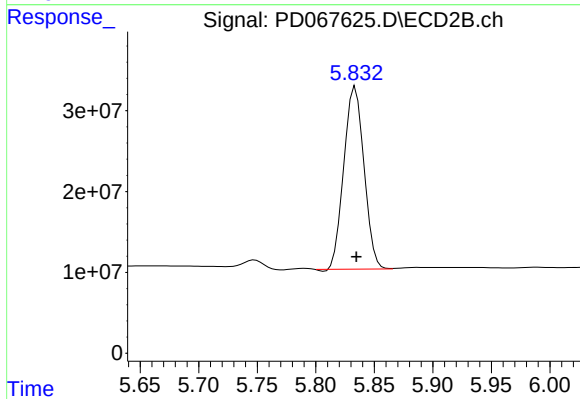
#7 delta-BHC

R.T.: 5.035 min  
Delta R.T.: -0.001 min  
Response: 440933161  
Conc: 58.83 ng/ml



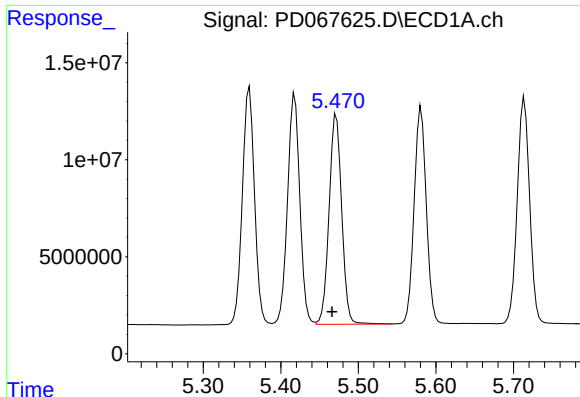
#8 Heptachlor epoxide

R.T.: 5.136 min  
Delta R.T.: 0.006 min  
Response: 133096127  
Conc: 54.01 ng/ml



#8 Heptachlor epoxide

R.T.: 5.834 min  
Delta R.T.: 0.000 min  
Response: 270872167  
Conc: 50.75 ng/ml



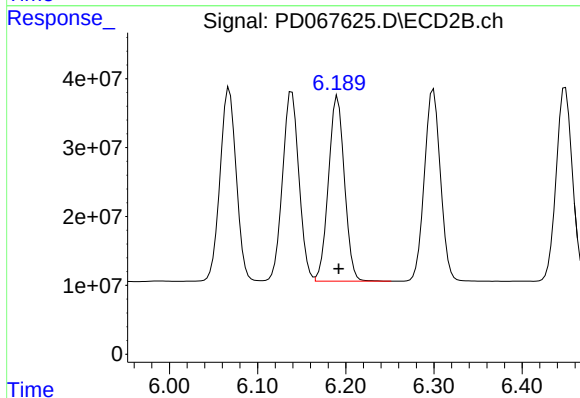
#9 Endosulfan I

R.T.: 5.472 min  
Delta R.T.: 0.005 min  
Response: 122393371  
Conc: 55.01 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB141835BS

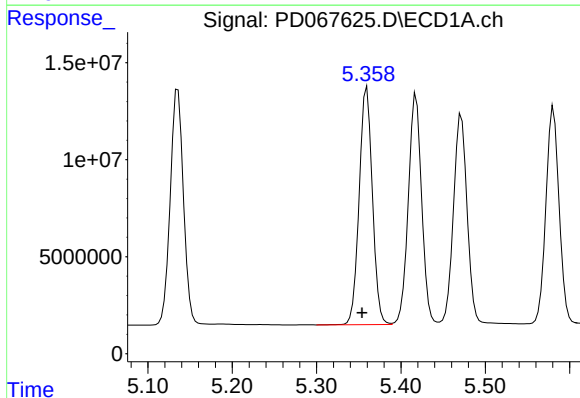
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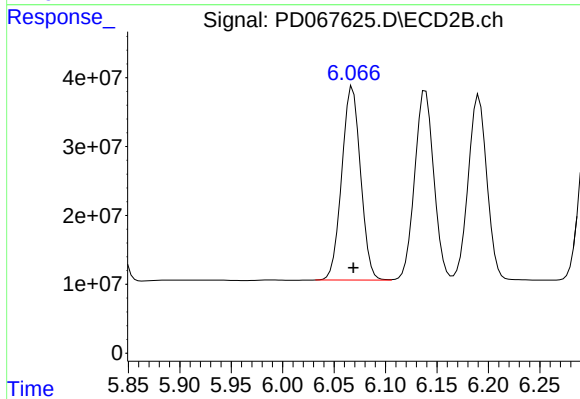
#9 Endosulfan I

R.T.: 6.191 min  
Delta R.T.: -0.001 min  
Response: 338826234  
Conc: 55.97 ng/ml



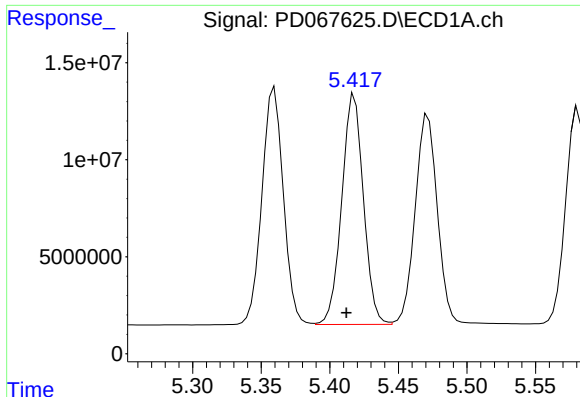
#10 gamma-Chlordane

R.T.: 5.360 min  
Delta R.T.: 0.006 min  
Response: 133200152  
Conc: 53.88 ng/ml



#10 gamma-Chlordane

R.T.: 6.068 min  
Delta R.T.: 0.000 min  
Response: 357621341  
Conc: 55.13 ng/ml



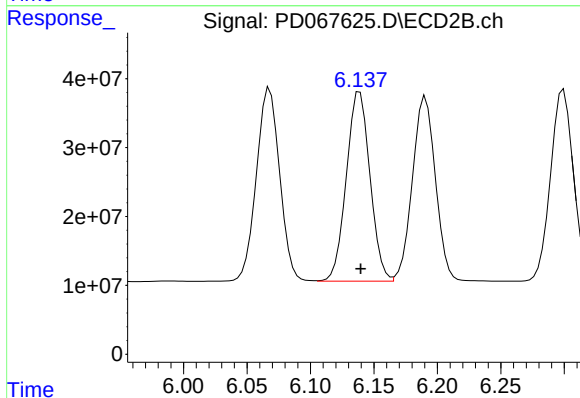
#11 alpha-Chlordane

R.T.: 5.418 min  
Delta R.T.: 0.006 min  
Response: 130674670  
Conc: 54.05 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB141835BS

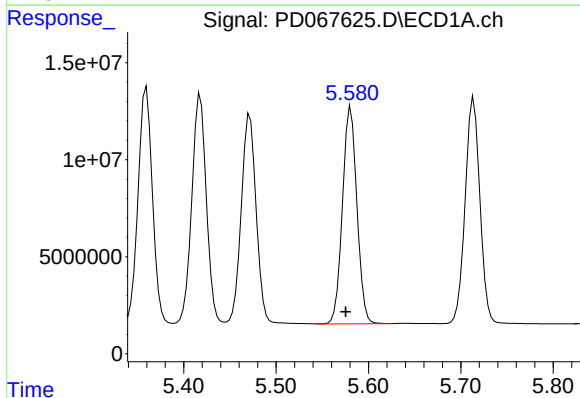
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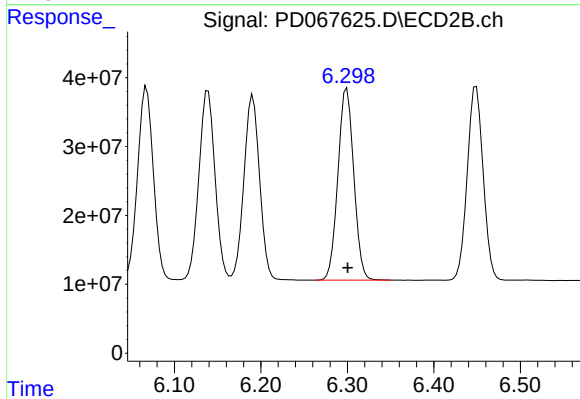
#11 alpha-Chlordane

R.T.: 6.139 min  
Delta R.T.: 0.000 min  
Response: 356293749  
Conc: 54.96 ng/ml



#12 4,4'-DDE

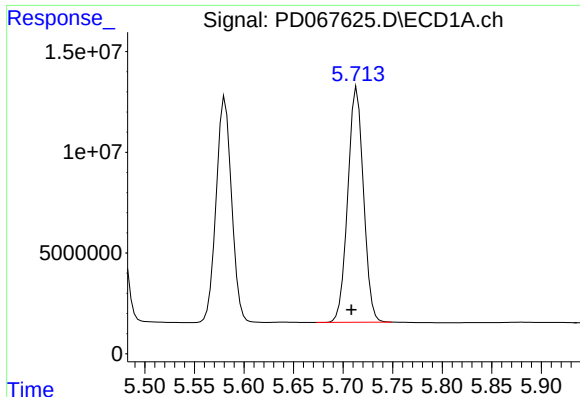
R.T.: 5.581 min  
Delta R.T.: 0.005 min  
Response: 121682219  
Conc: 54.96 ng/ml



#12 4,4'-DDE

R.T.: 6.300 min  
Delta R.T.: -0.001 min  
Response: 352163143  
Conc: 57.17 ng/ml





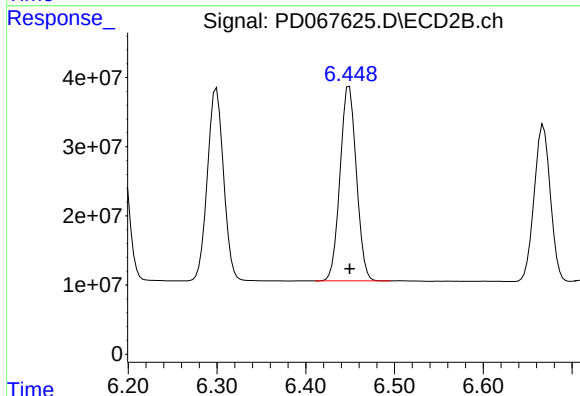
#13 Dieldrin

R.T.: 5.714 min  
Delta R.T.: 0.006 min  
Response: 128796482  
Conc: 53.35 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB141835BS

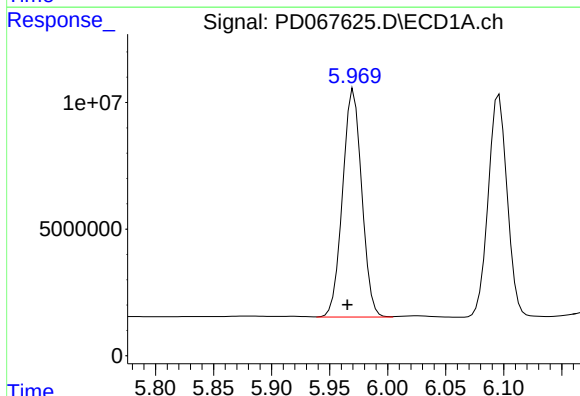
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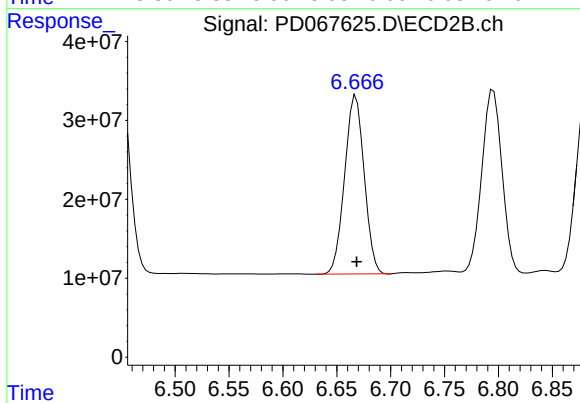
#13 Dieldrin

R.T.: 6.449 min  
Delta R.T.: 0.000 min  
Response: 359908285  
Conc: 54.18 ng/ml



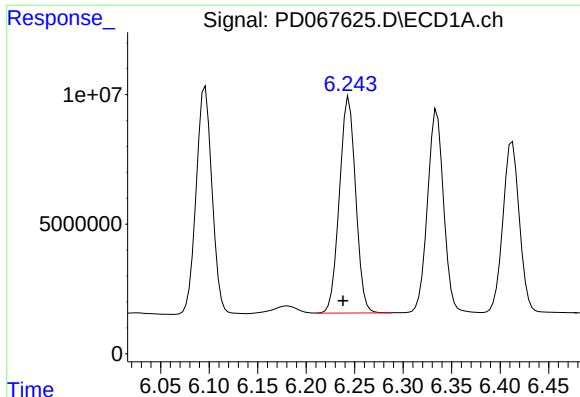
#14 Endrin

R.T.: 5.971 min  
Delta R.T.: 0.006 min  
Response: 103438993  
Conc: 49.24 ng/ml



#14 Endrin

R.T.: 6.668 min  
Delta R.T.: 0.000 min  
Response: 285935840  
Conc: 51.58 ng/ml



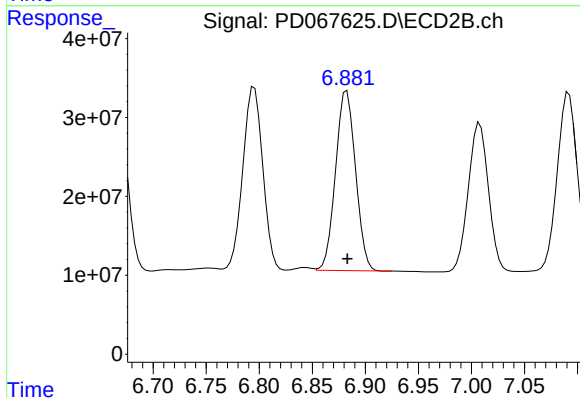
#15 Endosulfan II

R.T.: 6.244 min  
Delta R.T.: 0.006 min  
Response: 97116496  
Conc: 48.43 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB141835BS

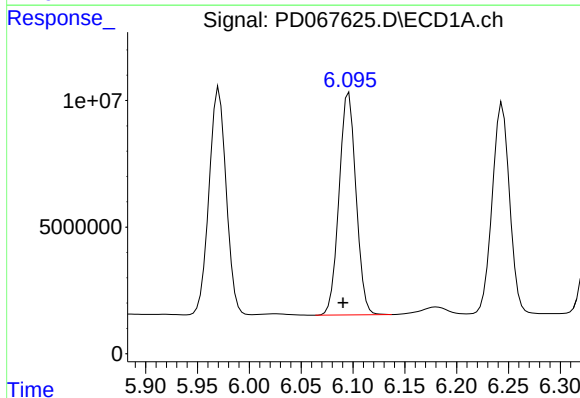
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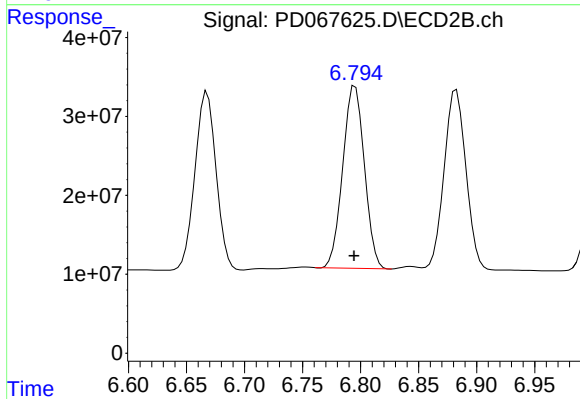
#15 Endosulfan II

R.T.: 6.883 min  
Delta R.T.: 0.000 min  
Response: 298395995  
Conc: 50.20 ng/ml



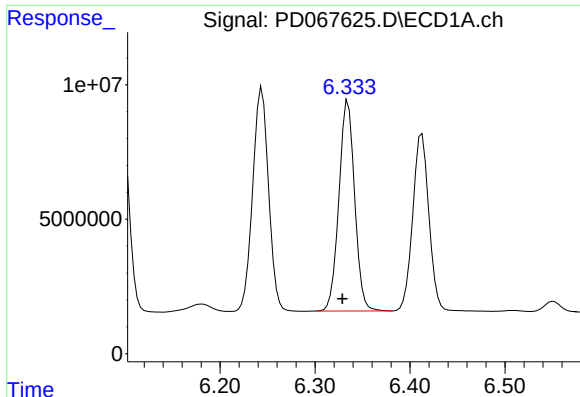
#16 4,4'-DDD

R.T.: 6.096 min  
Delta R.T.: 0.005 min  
Response: 99701297  
Conc: 58.03 ng/ml



#16 4,4'-DDD

R.T.: 6.795 min  
Delta R.T.: 0.000 min  
Response: 299795551  
Conc: 59.89 ng/ml



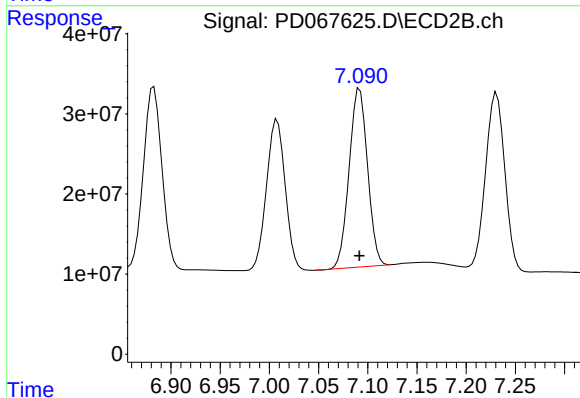
#17 4,4'-DDT

R.T.: 6.335 min  
Delta R.T.: 0.006 min  
Response: 90328190  
Conc: 55.28 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB141835BS

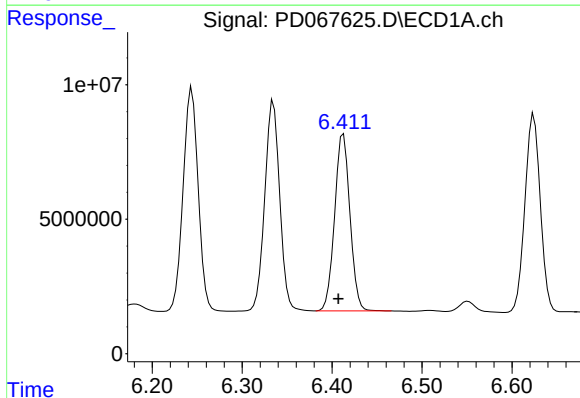
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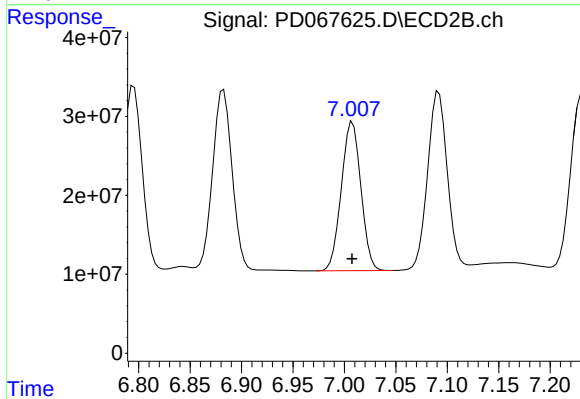
#17 4,4'-DDT

R.T.: 7.092 min  
Delta R.T.: 0.000 min  
Response: 289988840  
Conc: 54.19 ng/ml



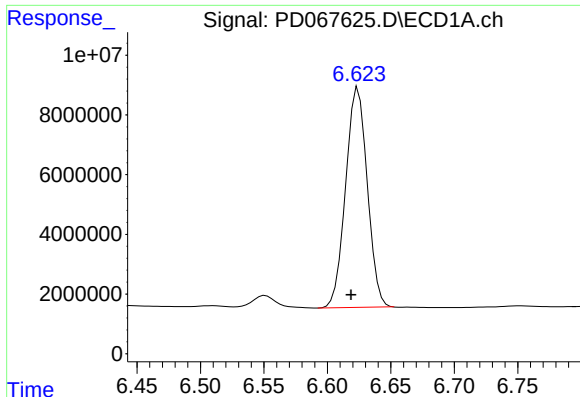
#18 Endrin aldehyde

R.T.: 6.413 min  
Delta R.T.: 0.005 min  
Response: 78057698  
Conc: 51.37 ng/ml



#18 Endrin aldehyde

R.T.: 7.008 min  
Delta R.T.: 0.000 min  
Response: 249632163  
Conc: 55.33 ng/ml



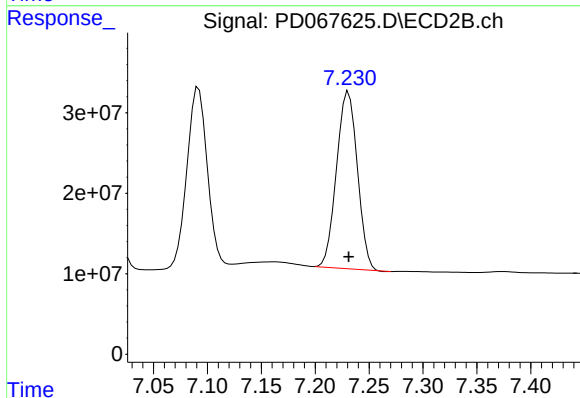
#19 Endosulfan Sulfate

R.T.: 6.624 min  
Delta R.T.: 0.006 min  
Response: 87218399  
Conc: 54.02 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB141835BS

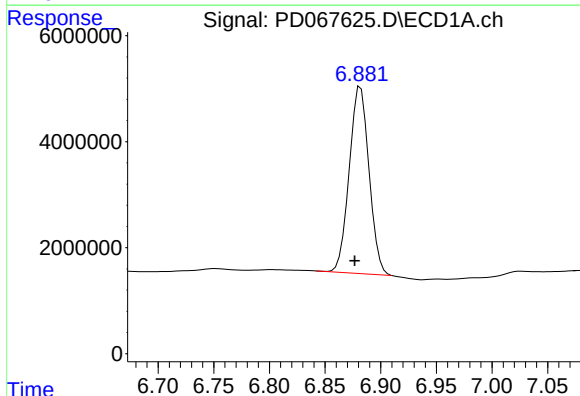
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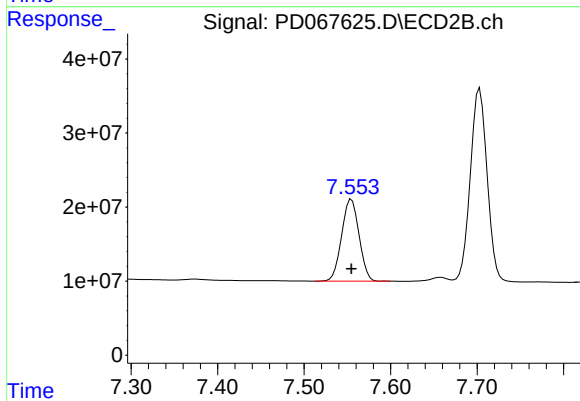
#19 Endosulfan Sulfate

R.T.: 7.231 min  
Delta R.T.: 0.000 min  
Response: 295889141  
Conc: 54.14 ng/ml



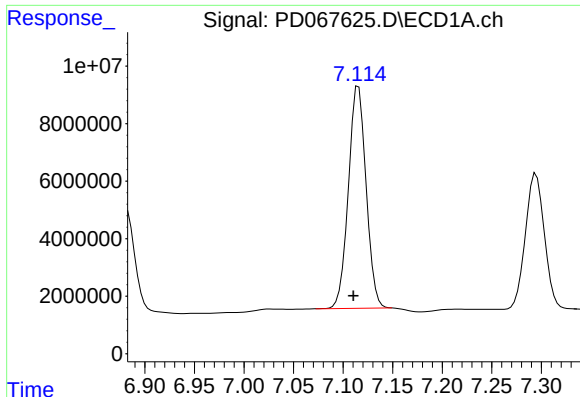
#20 Methoxychlor

R.T.: 6.882 min  
Delta R.T.: 0.005 min  
Response: 43571823  
Conc: 51.33 ng/ml



#20 Methoxychlor

R.T.: 7.555 min  
Delta R.T.: 0.000 min  
Response: 153632711  
Conc: 52.95 ng/ml



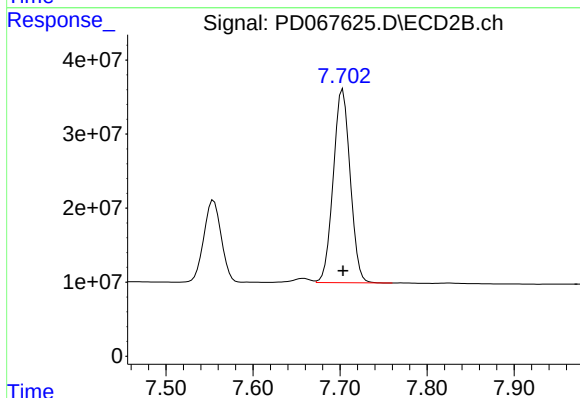
#21 Endrin ketone

R.T.: 7.116 min  
Delta R.T.: 0.005 min  
Response: 96101786  
Conc: 56.15 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB141835BS

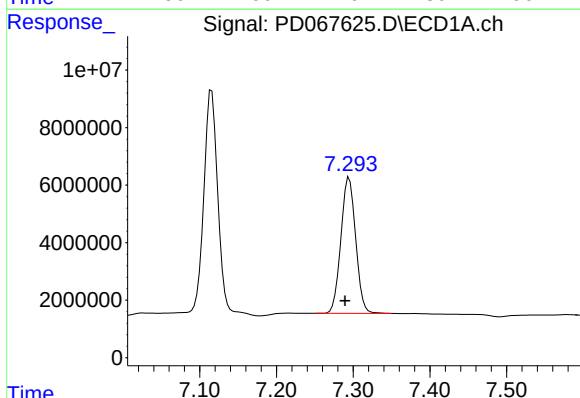
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 01/06/2022  
Supervised By :Ankita Jodhani 01/06/2022



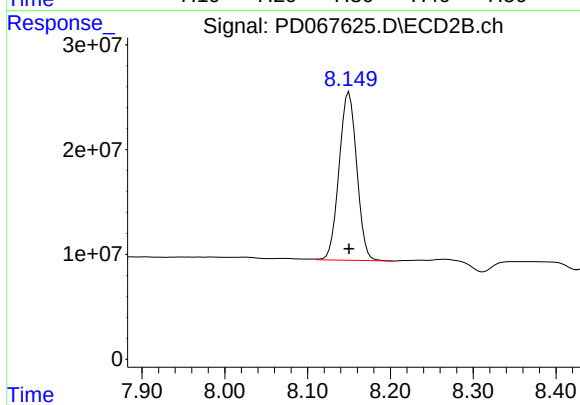
#21 Endrin ketone

R.T.: 7.703 min  
Delta R.T.: 0.000 min  
Response: 353561112  
Conc: 56.34 ng/ml



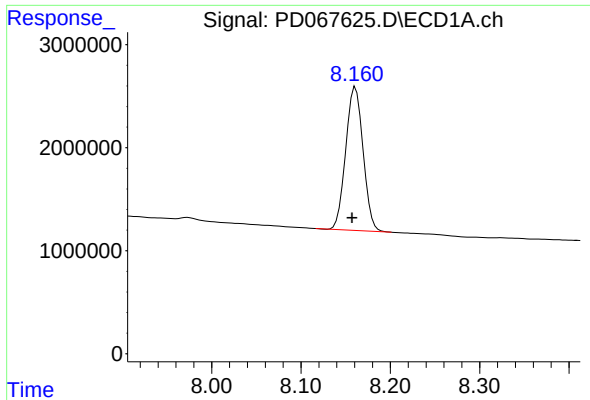
#22 Mirex

R.T.: 7.295 min  
Delta R.T.: 0.005 min  
Response: 63344479  
Conc: 52.96 ng/ml



#22 Mirex

R.T.: 8.150 min  
Delta R.T.: 0.000 min  
Response: 237582483  
Conc: 54.71 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.161 min  
Delta R.T.: 0.004 min  
Response: 18830030  
Conc: 21.20 ng/ml

Instrument :

ECD\_D

ClientSampleId :

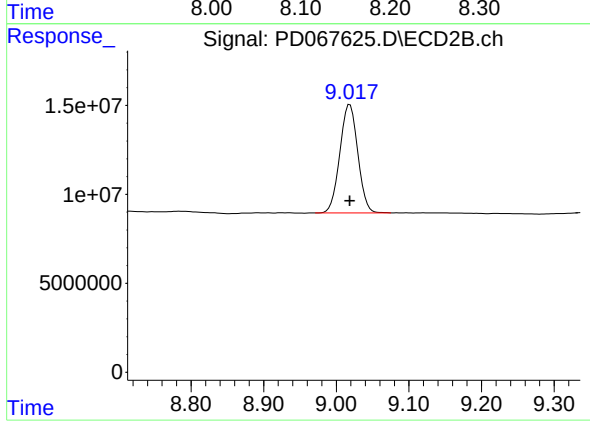
PB141835BS

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 01/06/2022

Supervised By :Ankita Jodhani 01/06/2022



#28 Decachlorobiphenyl

R.T.: 9.019 min  
Delta R.T.: 0.000 min  
Response: 104847471  
Conc: 22.06 ng/ml