

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL090623\  
 Data File : PL085137.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 06 Sep 2023 10:48  
 Operator : AR\AJ  
 Sample : PB155283BSD  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB155283BSD

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 09/07/2023  
 Supervised By : Ankita Jodhani 09/07/2023

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 06 20:50:50 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL090523.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Sep 05 15:22:36 2023  
 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... | 3.484 | 2.686 | 34096338 | 15485524 | 13.940  | 13.629  |
| 28)                         | SA Decachlor... | 9.035 | 7.867 | 26030285 | 19898370 | 16.187  | 14.949  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.941 | 3.190 | 34203278 | 15424362 | 9.926   | 9.431   |
| 3)                          | MA gamma-BHC... | 4.276 | 3.521 | 32591150 | 15427939 | 9.818   | 9.667   |
| 4)                          | MA Heptachlor   | 4.868 | 3.862 | 35690674 | 15573137 | 10.824  | 10.261  |
| 5)                          | MB Aldrin       | 5.210 | 4.141 | 30509468 | 14945885 | 9.922   | 9.777   |
| 6)                          | B beta-BHC      | 4.476 | 3.824 | 15620554 | 7289296  | 11.052  | 10.743  |
| 7)                          | B delta-BHC     | 4.721 | 4.051 | 39285721 | 15323950 | 12.430m | 9.800   |
| 8)                          | B Heptachlo...  | 5.640 | 4.648 | 33376676 | 15366968 | 12.788  | 11.198  |
| 9)                          | A Endosulfan I  | 6.026 | 5.018 | 28638353 | 15041109 | 11.924  | 8.715 # |
| 10)                         | B gamma-Chl...  | 5.896 | 4.900 | 29110356 | 14708415 | 11.206m | 10.664m |
| 11)                         | B alpha-Chl...  | 5.976 | 4.963 | 29158219 | 14920776 | 11.332m | 9.984m  |
| 12)                         | B 4,4'-DDE      | 6.157 | 5.163 | 21792306 | 12158785 | 10.484  | 9.774   |
| 13)                         | MA Dieldrin     | 6.303 | 5.286 | 25604526 | 14748697 | 10.509  | 10.491  |
| 14)                         | MA Endrin       | 6.533 | 5.561 | 21975893 | 12914756 | 10.639  | 10.104  |
| 15)                         | B Endosulfa...  | 6.752 | 5.860 | 24346240 | 12491028 | 12.031m | 10.088  |
| 16)                         | A 4,4'-DDD      | 6.674 | 5.722 | 17479340 | 10703586 | 11.353m | 10.188  |
| 17)                         | MA 4,4'-DDT     | 6.990 | 5.974 | 19241317 | 12667533 | 11.422  | 10.866  |
| 18)                         | B Endrin al...  | 6.884 | 6.041 | 16292088 | 12463240 | 10.599  | 12.202  |
| 19)                         | B Endosulfa...  | 7.120 | 6.266 | 21781617 | 12822862 | 11.637  | 10.686  |
| 20)                         | A Methoxychlor  | 7.472 | 6.558 | 10381341 | 7191581  | 11.426  | 10.690  |
| 21)                         | B Endrin ke...  | 7.604 | 6.769 | 21857517 | 14232084 | 11.158  | 9.649m  |
| 22)                         | Mirex           | 8.080 | 6.950 | 20537292 | 14108356 | 12.331  | 11.914  |
| -----                       |                 |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL090623\  
Data File : PL085137.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 06 Sep 2023 10:48  
Operator : AR\AJ  
Sample : PB155283BSD  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

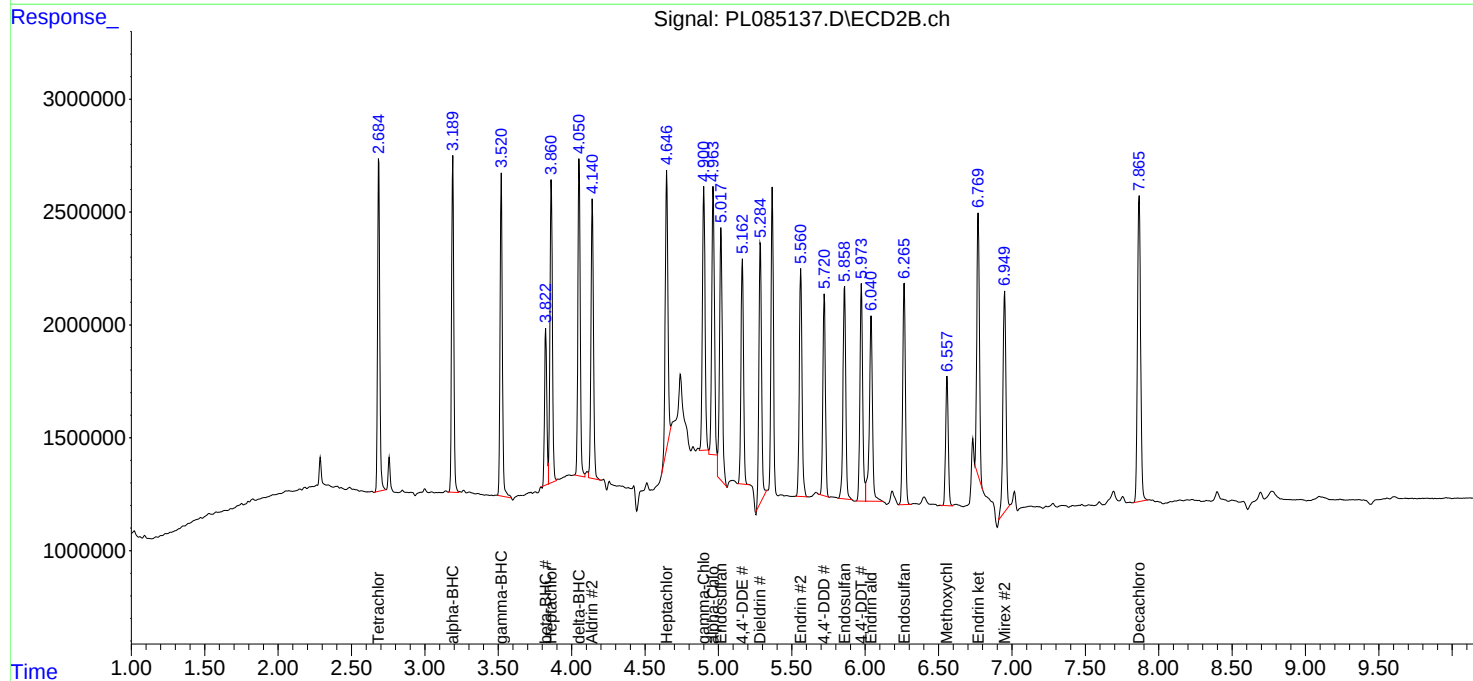
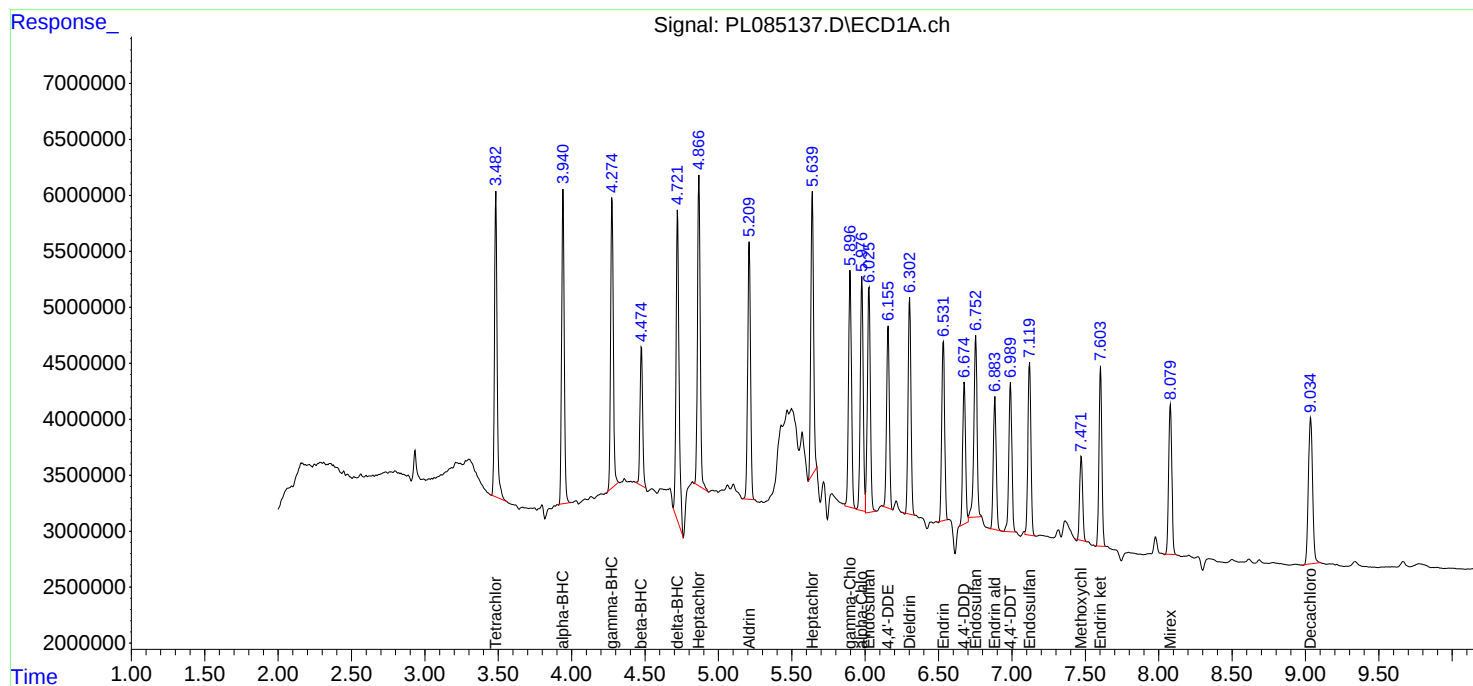
Instrument :  
ECD\_L  
ClientSampleId :  
PB155283BSD

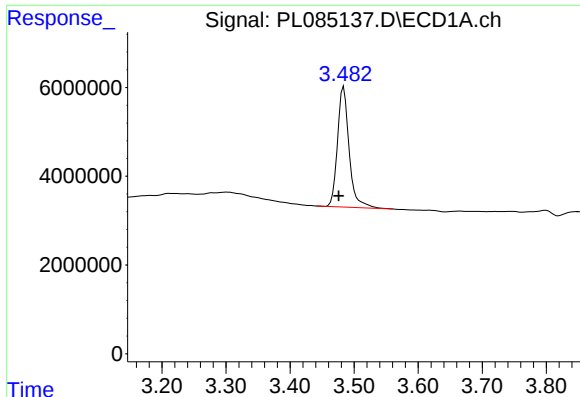
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 09/07/2023  
Supervised By :Ankita Jodhani 09/07/2023

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 06 20:50:50 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL090523.M  
Quant Title : GC Extractables  
QLast Update : Tue Sep 05 15:22:36 2023  
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





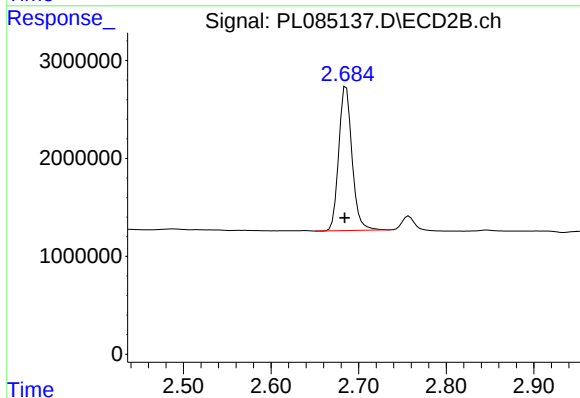
#1 Tetrachloro-m-xylene

R.T.: 3.484 min  
Delta R.T.: 0.008 min  
Response: 34096338  
Conc: 13.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB155283BSD

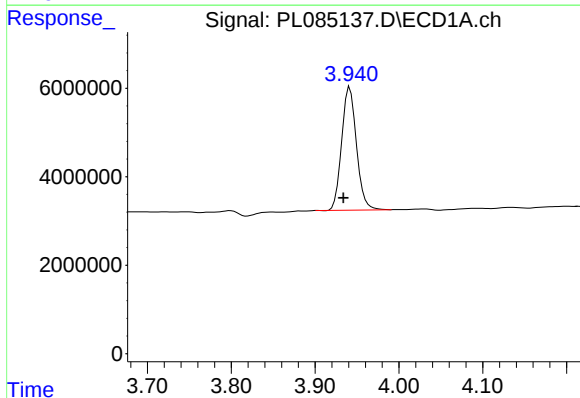
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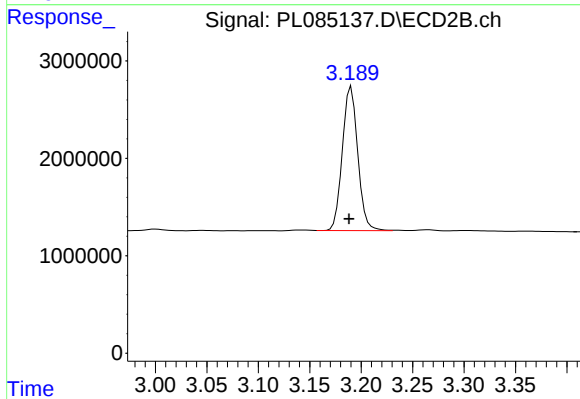
#1 Tetrachloro-m-xylene

R.T.: 2.686 min  
Delta R.T.: 0.002 min  
Response: 15485524  
Conc: 13.63 ng/ml



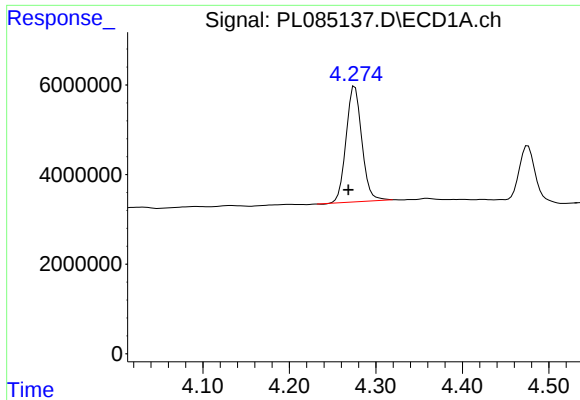
#2 alpha-BHC

R.T.: 3.941 min  
Delta R.T.: 0.008 min  
Response: 34203278  
Conc: 9.93 ng/ml



#2 alpha-BHC

R.T.: 3.190 min  
Delta R.T.: 0.002 min  
Response: 15424362  
Conc: 9.43 ng/ml



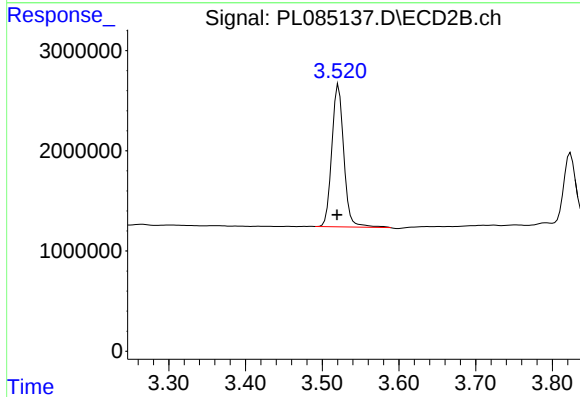
#3 gamma-BHC (Lindane)

R.T.: 4.276 min  
Delta R.T.: 0.007 min  
Response: 32591150  
Conc: 9.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB155283BSD

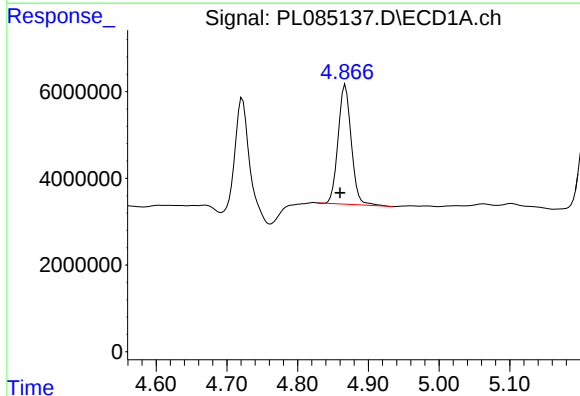
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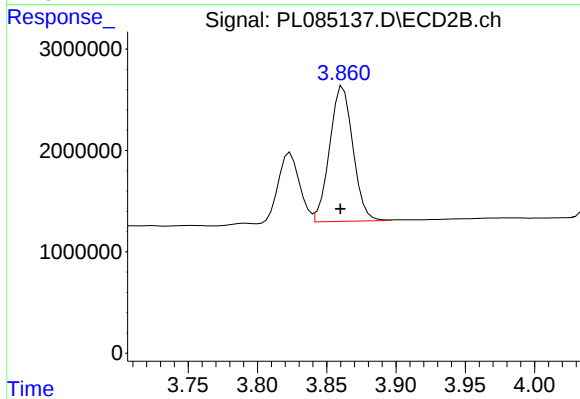
#3 gamma-BHC (Lindane)

R.T.: 3.521 min  
Delta R.T.: 0.002 min  
Response: 15427939  
Conc: 9.67 ng/ml



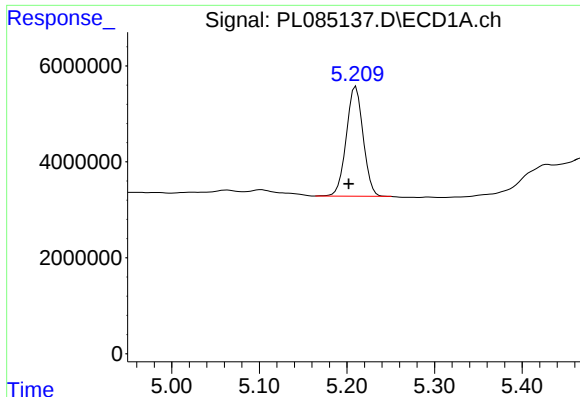
#4 Heptachlor

R.T.: 4.868 min  
Delta R.T.: 0.007 min  
Response: 35690674  
Conc: 10.82 ng/ml



#4 Heptachlor

R.T.: 3.862 min  
Delta R.T.: 0.002 min  
Response: 15573137  
Conc: 10.26 ng/ml



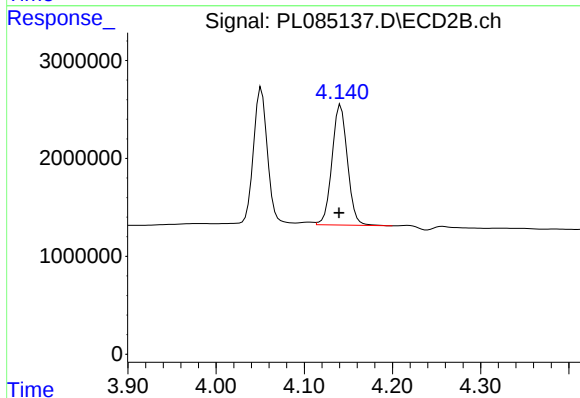
#5 Aldrin

R.T.: 5.210 min  
Delta R.T.: 0.008 min  
Response: 30509468  
Conc: 9.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB155283BSD

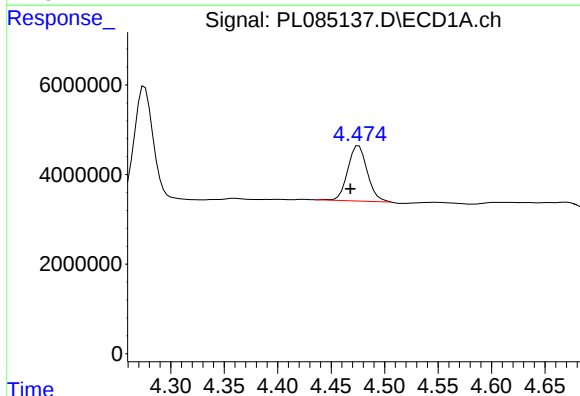
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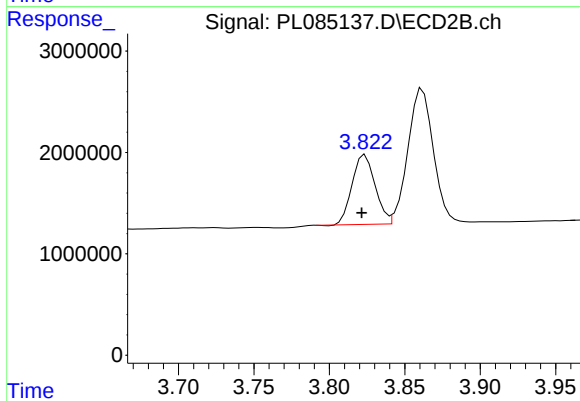
#5 Aldrin

R.T.: 4.141 min  
Delta R.T.: 0.002 min  
Response: 14945885  
Conc: 9.78 ng/ml



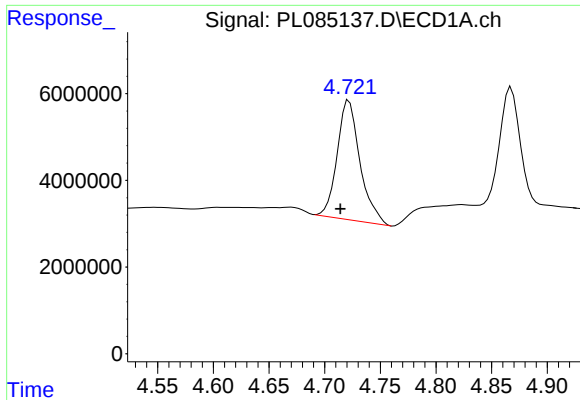
#6 beta-BHC

R.T.: 4.476 min  
Delta R.T.: 0.008 min  
Response: 15620554  
Conc: 11.05 ng/ml



#6 beta-BHC

R.T.: 3.824 min  
Delta R.T.: 0.002 min  
Response: 7289296  
Conc: 10.74 ng/ml



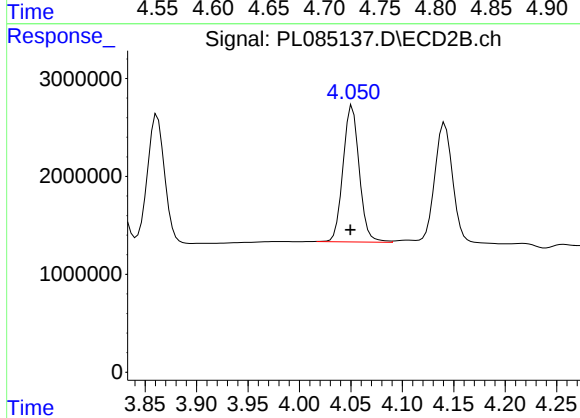
#7 delta-BHC

R.T.: 4.721 min  
Delta R.T.: 0.006 min  
Response: 39285721  
Conc: 12.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB155283BSD

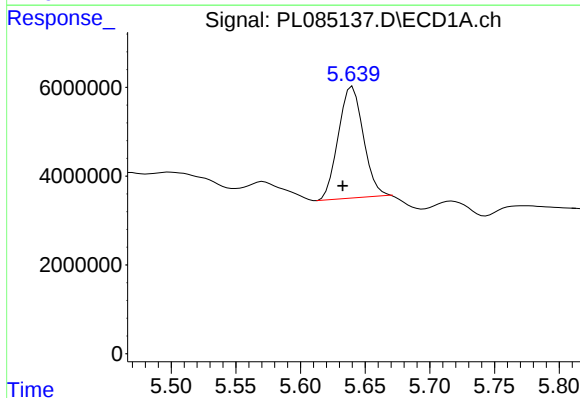
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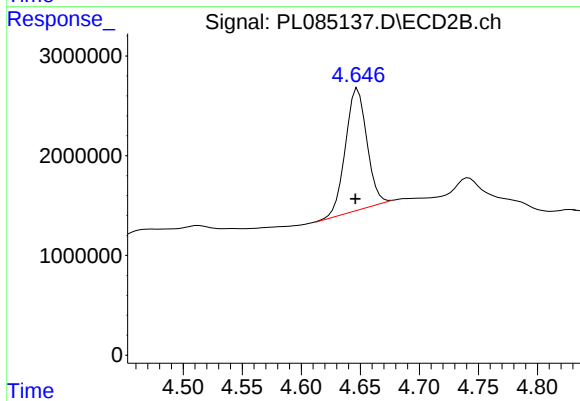
#7 delta-BHC

R.T.: 4.051 min  
Delta R.T.: 0.002 min  
Response: 15323950  
Conc: 9.80 ng/ml



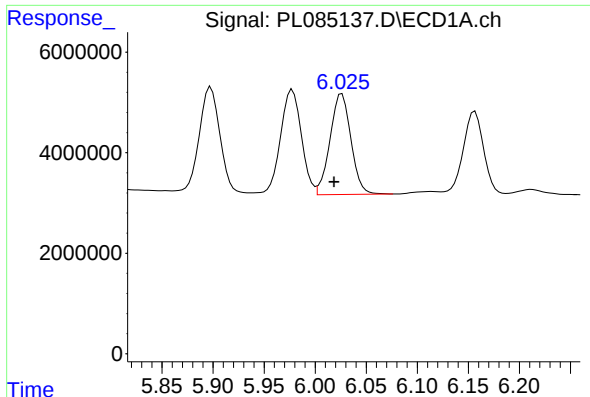
#8 Heptachlor epoxide

R.T.: 5.640 min  
Delta R.T.: 0.007 min  
Response: 33376676  
Conc: 12.79 ng/ml



#8 Heptachlor epoxide

R.T.: 4.648 min  
Delta R.T.: 0.002 min  
Response: 15366968  
Conc: 11.20 ng/ml



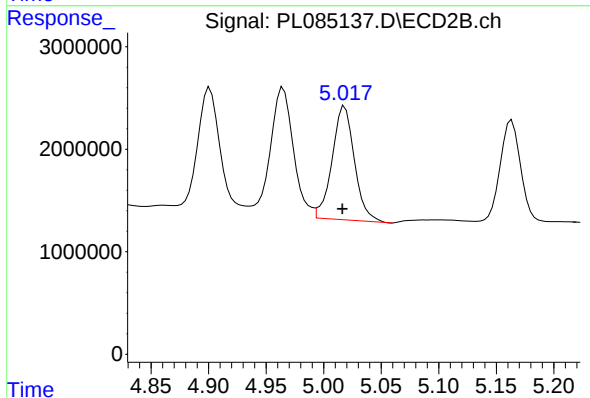
#9 Endosulfan I

R.T.: 6.026 min  
Delta R.T.: 0.008 min  
Response: 28638353  
Conc: 11.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB155283BSD

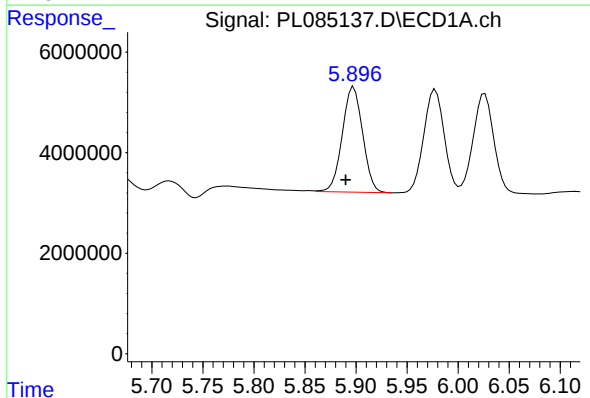
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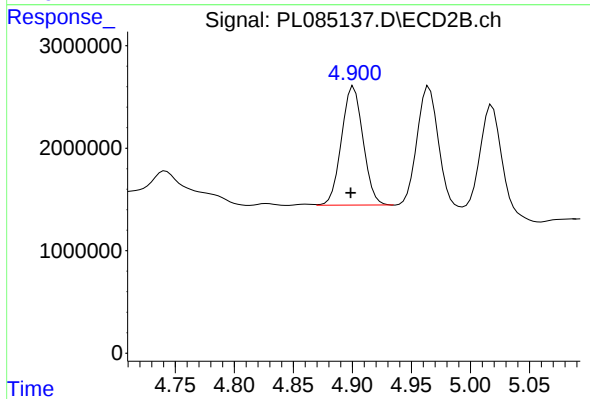
#9 Endosulfan I

R.T.: 5.018 min  
Delta R.T.: 0.002 min  
Response: 15041109  
Conc: 8.72 ng/ml



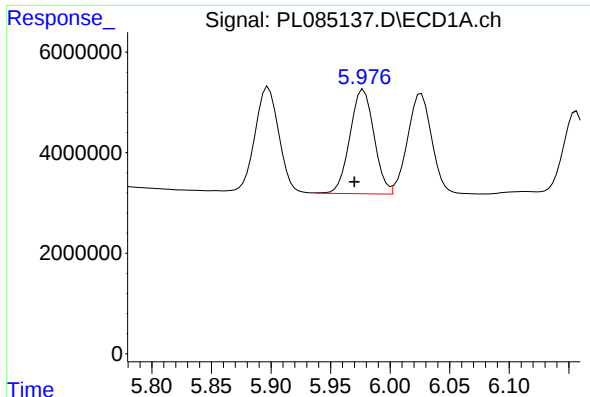
#10 gamma-Chlordane

R.T.: 5.896 min  
Delta R.T.: 0.006 min  
Response: 29110356  
Conc: 11.21 ng/ml m



#10 gamma-Chlordane

R.T.: 4.900 min  
Delta R.T.: 0.001 min  
Response: 14708415  
Conc: 10.66 ng/ml m



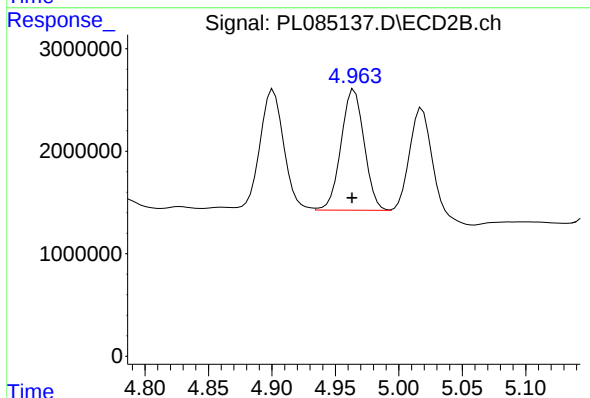
#11 alpha-Chlordane

R.T.: 5.976 min  
Delta R.T.: 0.006 min  
Response: 29158219  
Conc: 11.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB155283BSD

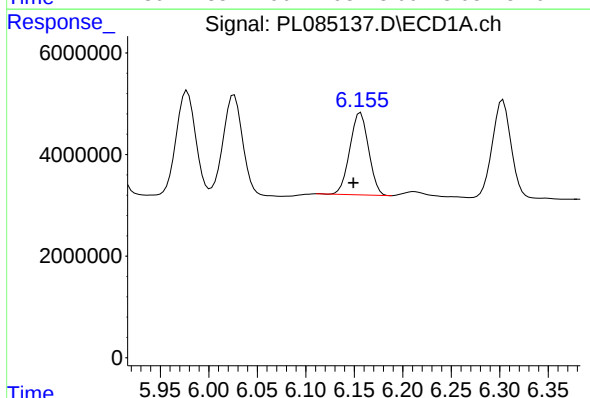
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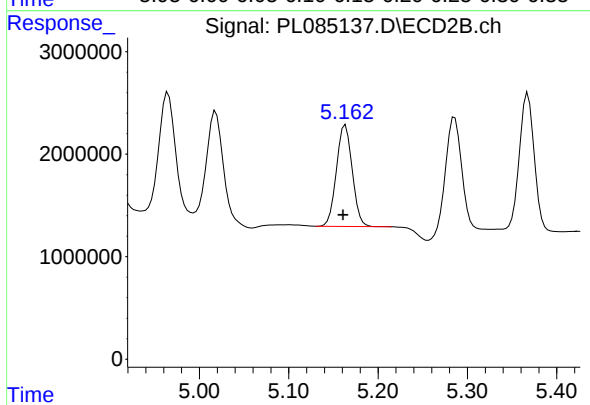
#11 alpha-Chlordane

R.T.: 4.963 min  
Delta R.T.: 0.000 min  
Response: 14920776  
Conc: 9.98 ng/ml m



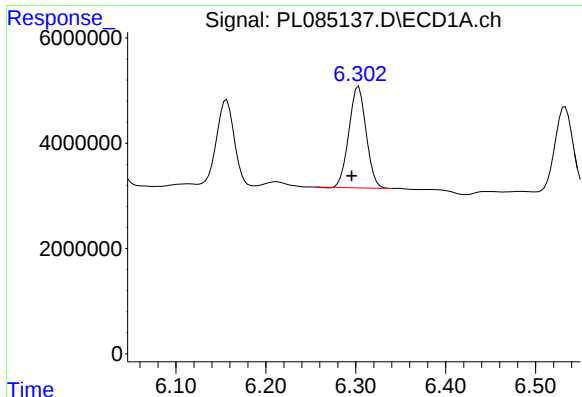
#12 4,4'-DDE

R.T.: 6.157 min  
Delta R.T.: 0.008 min  
Response: 21792306  
Conc: 10.48 ng/ml



#12 4,4'-DDE

R.T.: 5.163 min  
Delta R.T.: 0.002 min  
Response: 12158785  
Conc: 9.77 ng/ml



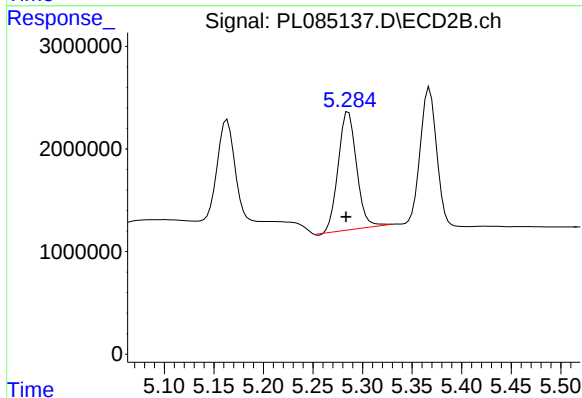
#13 Dieldrin

R.T.: 6.303 min  
Delta R.T.: 0.008 min  
Response: 25604526  
Conc: 10.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB155283BSD

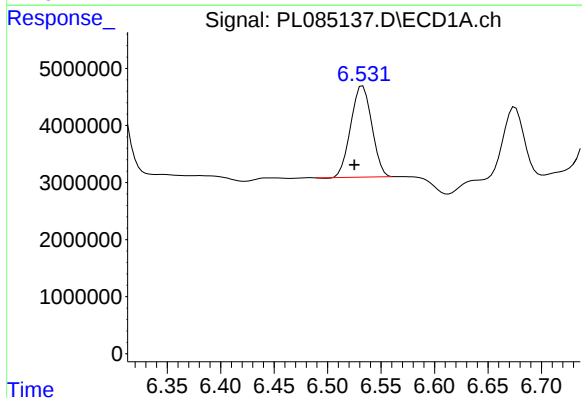
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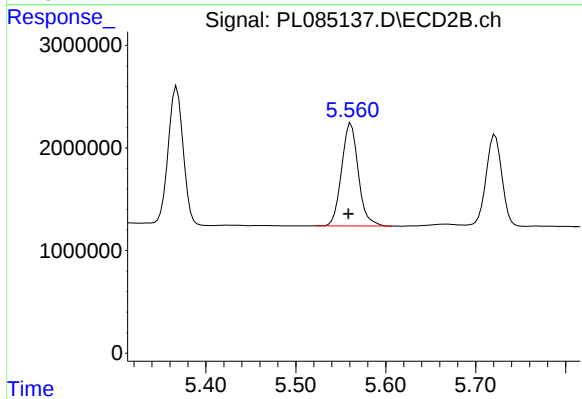
#13 Dieldrin

R.T.: 5.286 min  
Delta R.T.: 0.002 min  
Response: 14748697  
Conc: 10.49 ng/ml



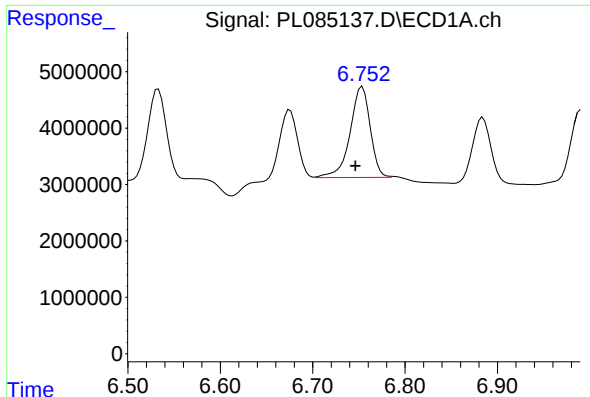
#14 Endrin

R.T.: 6.533 min  
Delta R.T.: 0.008 min  
Response: 21975893  
Conc: 10.64 ng/ml



#14 Endrin

R.T.: 5.561 min  
Delta R.T.: 0.003 min  
Response: 12914756  
Conc: 10.10 ng/ml



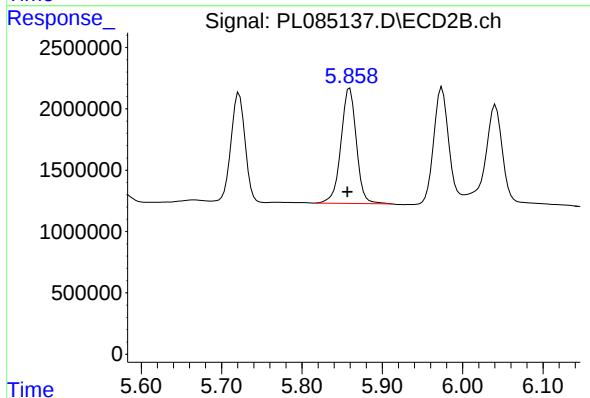
#15 Endosulfan II

R.T.: 6.752 min  
Delta R.T.: 0.006 min  
Response: 24346240  
Conc: 12.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB155283BSD

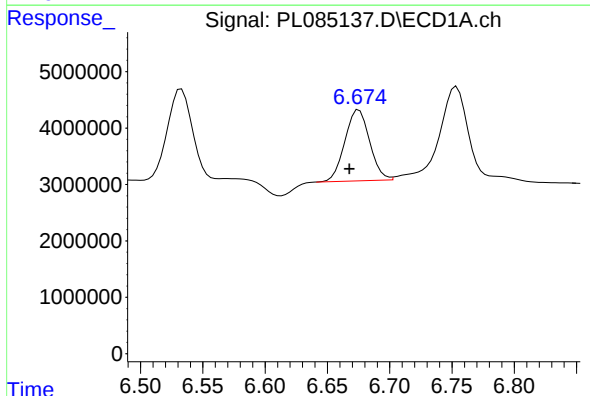
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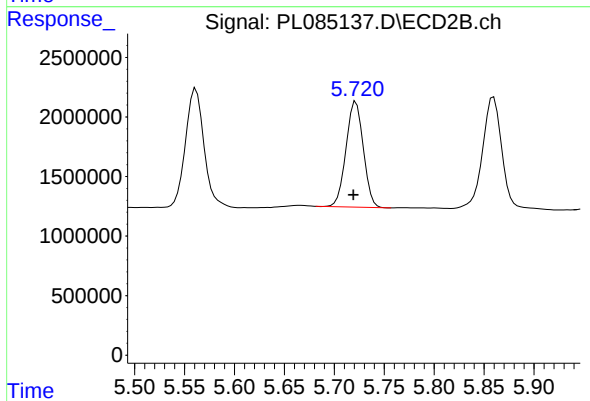
#15 Endosulfan II

R.T.: 5.860 min  
Delta R.T.: 0.003 min  
Response: 12491028  
Conc: 10.09 ng/ml



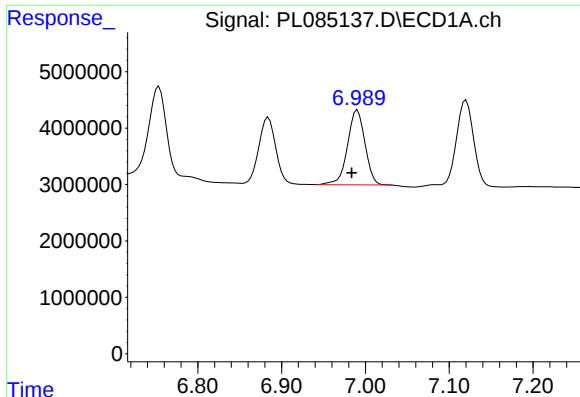
#16 4,4'-DDD

R.T.: 6.674 min  
Delta R.T.: 0.006 min  
Response: 17479340  
Conc: 11.35 ng/ml m



#16 4,4'-DDD

R.T.: 5.722 min  
Delta R.T.: 0.002 min  
Response: 10703586  
Conc: 10.19 ng/ml



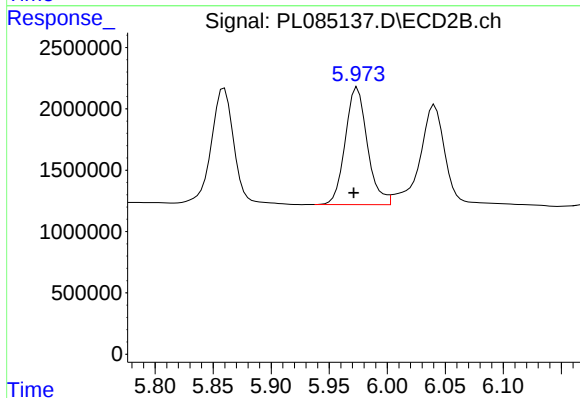
#17 4,4'-DDT

R.T.: 6.990 min  
Delta R.T.: 0.007 min  
Response: 19241317  
Conc: 11.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB155283BSD

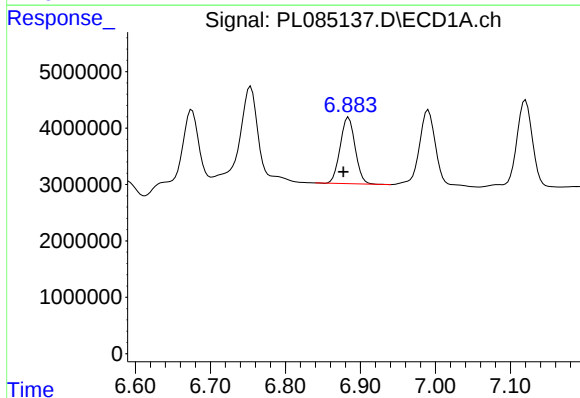
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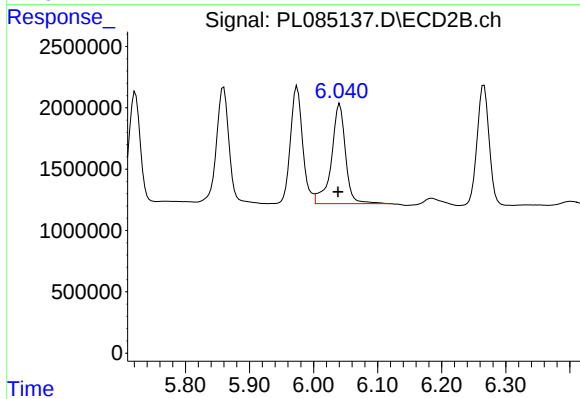
#17 4,4'-DDT

R.T.: 5.974 min  
Delta R.T.: 0.003 min  
Response: 12667533  
Conc: 10.87 ng/ml



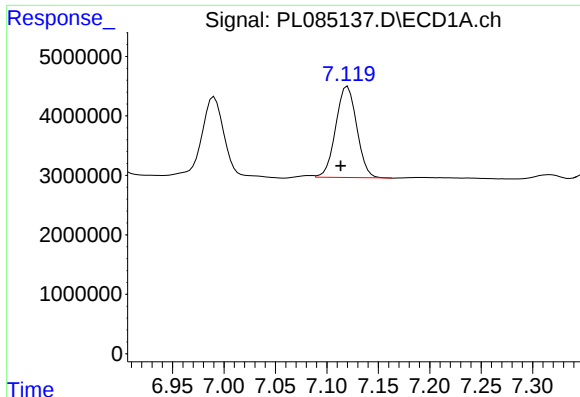
#18 Endrin aldehyde

R.T.: 6.884 min  
Delta R.T.: 0.007 min  
Response: 16292088  
Conc: 10.60 ng/ml



#18 Endrin aldehyde

R.T.: 6.041 min  
Delta R.T.: 0.003 min  
Response: 12463240  
Conc: 12.20 ng/ml



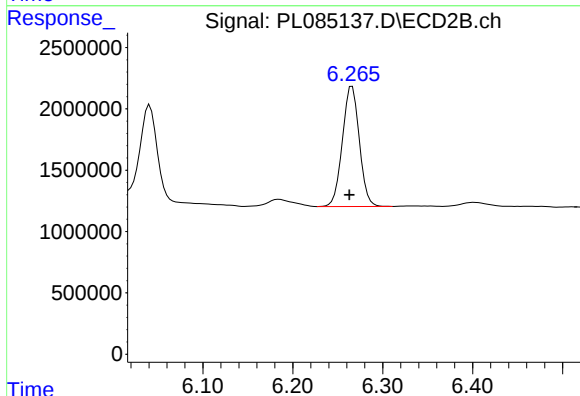
#19 Endosulfan Sulfate

R.T.: 7.120 min  
Delta R.T.: 0.007 min  
Response: 21781617  
Conc: 11.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB155283BSD

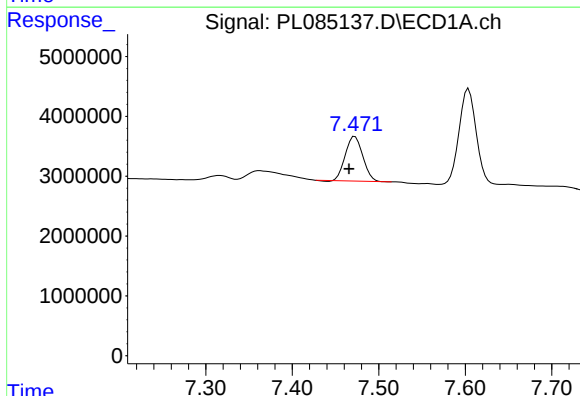
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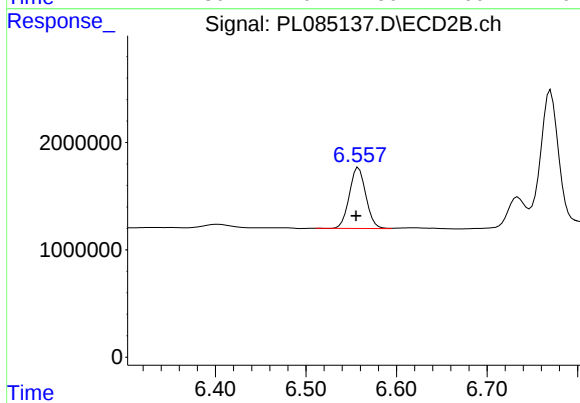
#19 Endosulfan Sulfate

R.T.: 6.266 min  
Delta R.T.: 0.003 min  
Response: 12822862  
Conc: 10.69 ng/ml



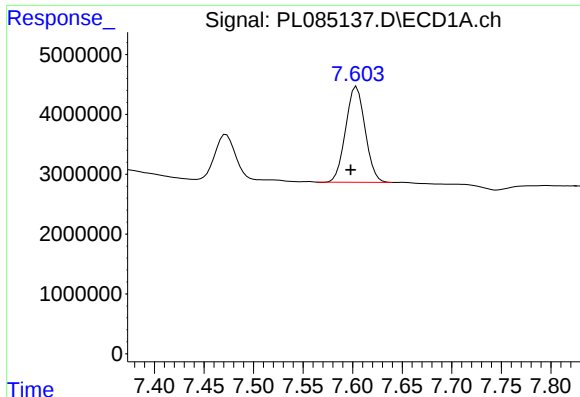
#20 Methoxychlor

R.T.: 7.472 min  
Delta R.T.: 0.007 min  
Response: 10381341  
Conc: 11.43 ng/ml



#20 Methoxychlor

R.T.: 6.558 min  
Delta R.T.: 0.003 min  
Response: 7191581  
Conc: 10.69 ng/ml



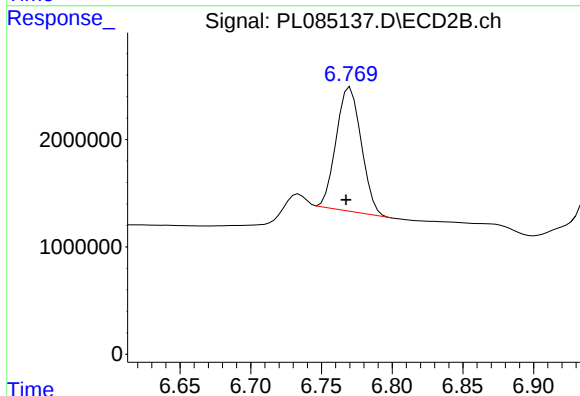
#21 Endrin ketone

R.T.: 7.604 min  
Delta R.T.: 0.006 min  
Response: 21857517  
Conc: 11.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB155283BSD

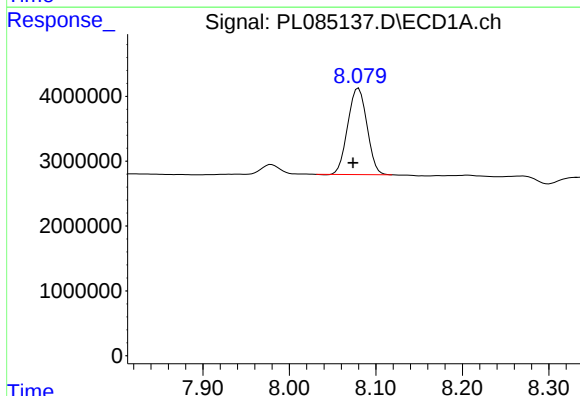
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 09/07/2023  
Supervised By :Ankita Jodhani 09/07/2023



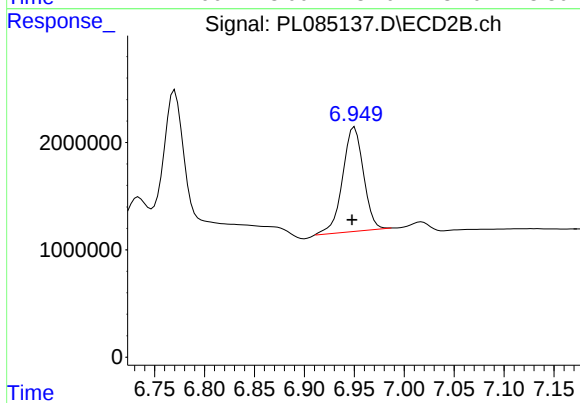
#21 Endrin ketone

R.T.: 6.769 min  
Delta R.T.: 0.001 min  
Response: 14232084  
Conc: 9.65 ng/ml m



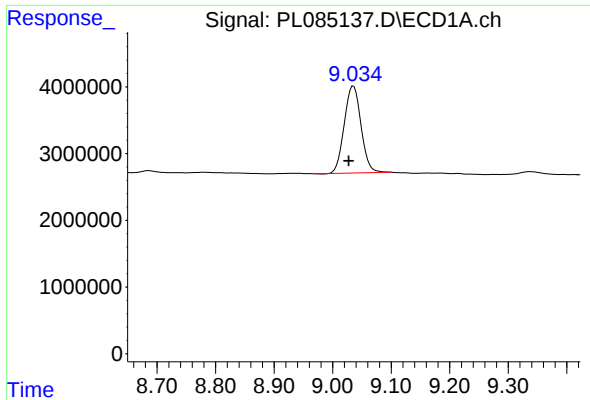
#22 Mirex

R.T.: 8.080 min  
Delta R.T.: 0.006 min  
Response: 20537292  
Conc: 12.33 ng/ml



#22 Mirex

R.T.: 6.950 min  
Delta R.T.: 0.003 min  
Response: 14108356  
Conc: 11.91 ng/ml



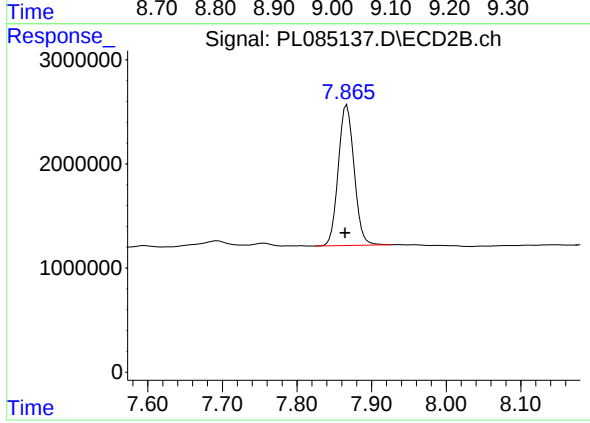
#28 Decachlorobiphenyl

R.T.: 9.035 min  
Delta R.T.: 0.008 min  
Response: 26030285  
Conc: 16.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB155283BSD

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 09/07/2023  
Supervised By :Ankita Jodhani 09/07/2023



#28 Decachlorobiphenyl

R.T.: 7.867 min  
Delta R.T.: 0.003 min  
Response: 19898370  
Conc: 14.95 ng/ml