

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022823\
 Data File : PL081138.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Feb 2023 11:32
 Operator : AR\AJ
 Sample : PSTDICC005
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/01/2023
 Supervised By :Ankita Jodhani 03/01/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 28 11:43:35 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022823.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 28 11:38:58 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...	3.342	2.670	7338979	8302639	5.081	4.692
28) SA Decachlor...	8.773	7.801	4804691	5431322	4.801m	4.669
Target Compounds						
2) A alpha-BHC	3.795	3.173	9416487	10753305	4.565	4.343
3) MA gamma-BHC...	4.124	3.502	8644037	10213254	4.634	4.466
4) MA Heptachlor	4.703	3.835	8003793	9634157	4.835	4.637
5) MB Aldrin	5.040	4.114	7071030	9881795	4.616	4.776
6) B beta-BHC	4.328	3.802	4788954	4423368	5.863	4.844
7) B delta-BHC	4.570	4.030	8505758	8825254	4.987	4.445
8) B Heptachlo...	5.470	4.618	7170915	8569086	5.172	4.690
9) A Endosulfan I	5.853	4.987	5661638	7495395	4.546	4.638
10) B gamma-Chl...	5.724	4.867	6465573	8892021	4.833	4.994
11) B alpha-Chl...	5.802	4.931	5885650	8547359	4.490	4.888
12) B 4,4'-DDE	5.980	5.121	5243677	6533238	4.439	4.623
13) MA Dieldrin	6.126	5.252	5854302	7595876	4.543	4.619
14) MA Endrin	6.354	5.527	5314043	5980261	4.691	4.279
15) B Endosulfa...	6.577	5.823	6222341	4788322	5.489	3.904 #
16) A 4,4'-DDD	6.497	5.678	4267727	4958096	4.272	4.398
17) MA 4,4'-DDT	6.809	5.927	3458082	4143329	3.604	4.130
18) B Endrin al...	6.709	6.006	4143263	4612911	4.884	4.535
19) B Endosulfa...	6.944	6.229	5228740	6062258	5.018	4.822
20) A Methoxychlor	7.292	6.510	1843703	2240366	3.701	4.252
21) B Endrin ke...	7.423	6.735	5393839	6188923	4.635	4.503
22) Mirex	7.884	6.904	4767503	5833540	5.534	5.090

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022823\
 Data File : PL081138.D
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 Acq On : 28 Feb 2023 11:32
 Operator : AR\AJ
 Sample : PSTDICC005
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDICC005

Manual Integrations

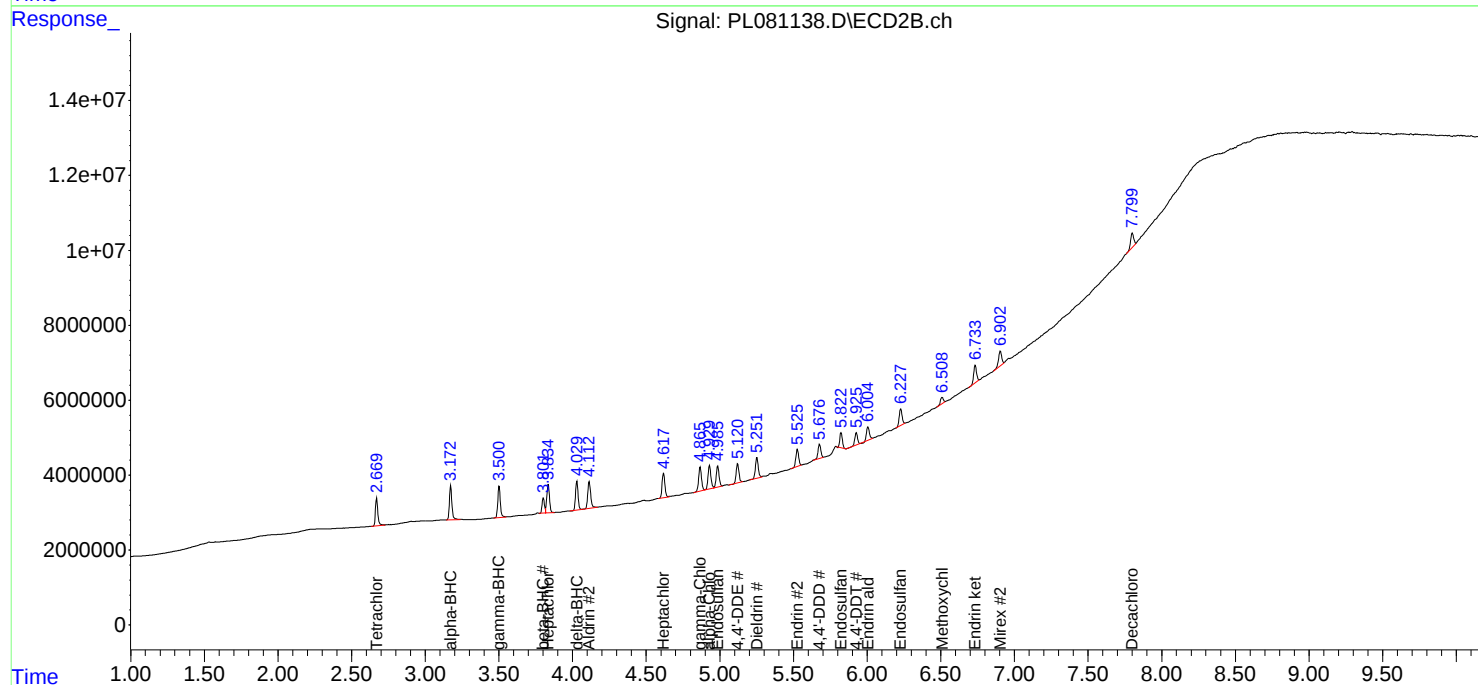
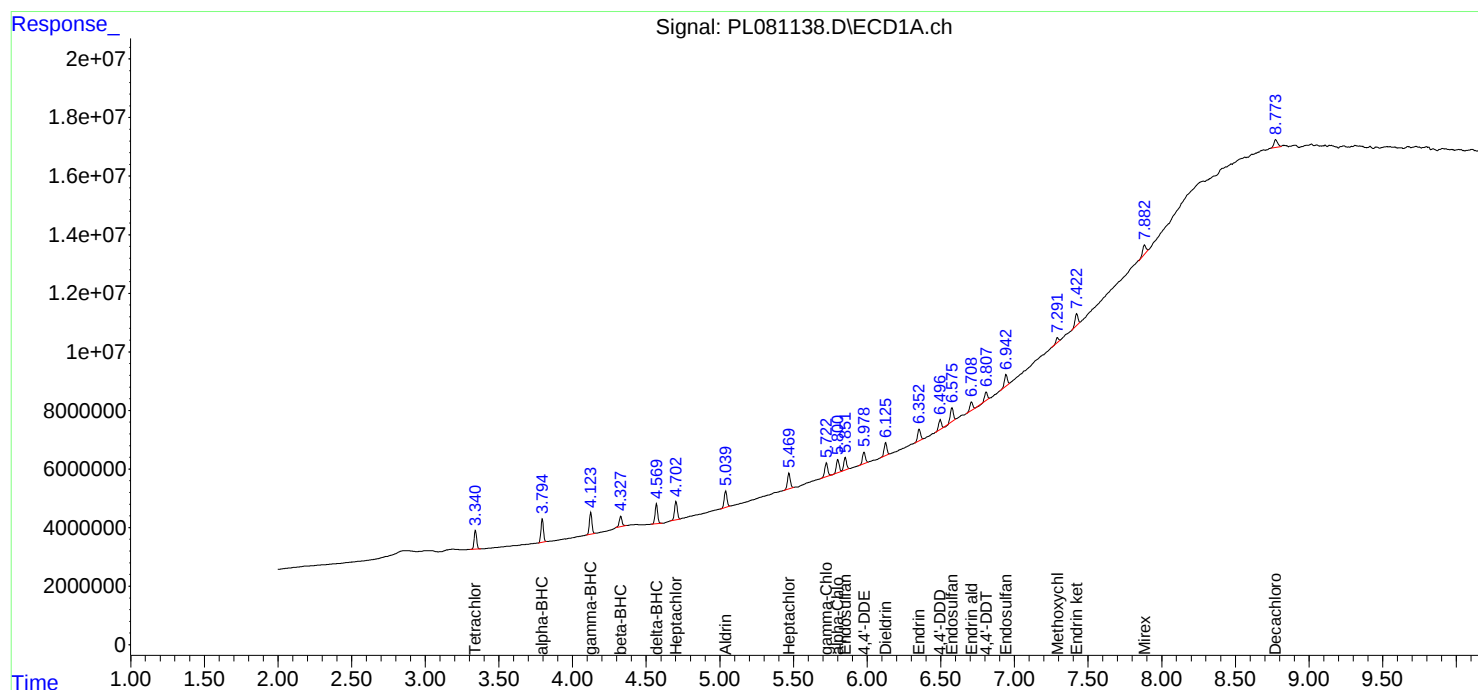
APPROVED

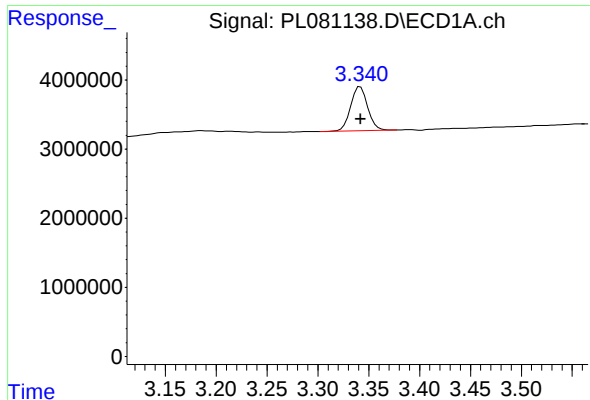
Reviewed By :Abdul Mirza 03/01/2023

Supervised By :Ankita Jodhani 03/01/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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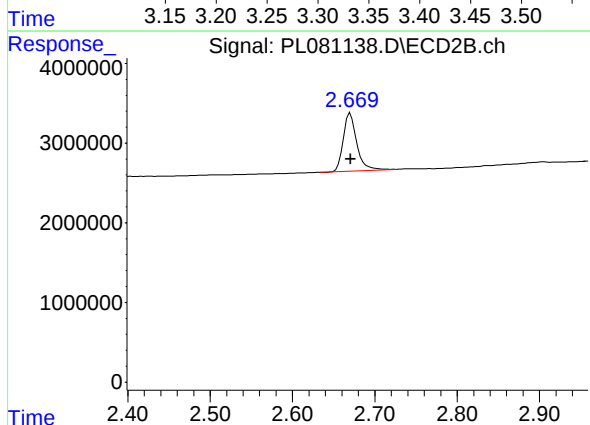
#1 Tetrachloro-m-xylene

R.T.: 3.342 min
Delta R.T.: 0.000 min
Response: 7338979
Conc: 5.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

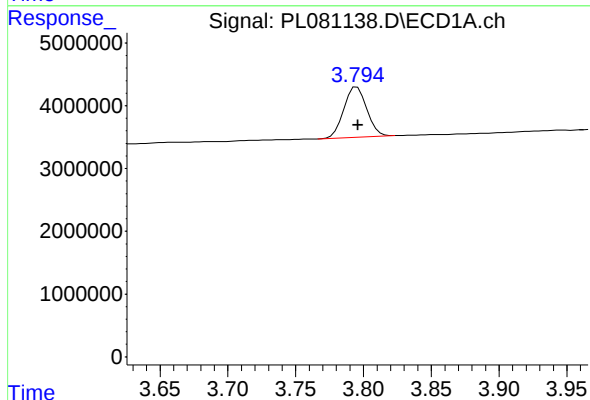
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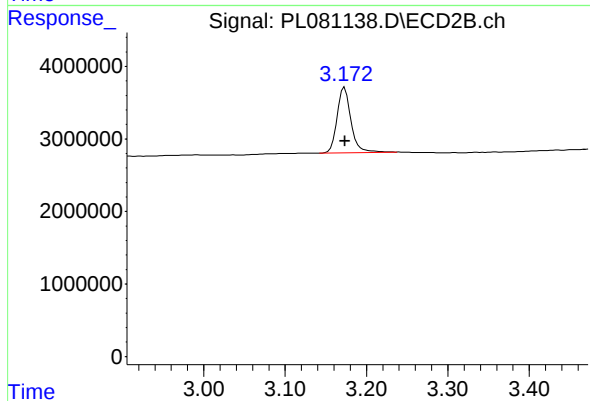
#1 Tetrachloro-m-xylene

R.T.: 2.670 min
Delta R.T.: 0.000 min
Response: 8302639
Conc: 4.69 ng/ml



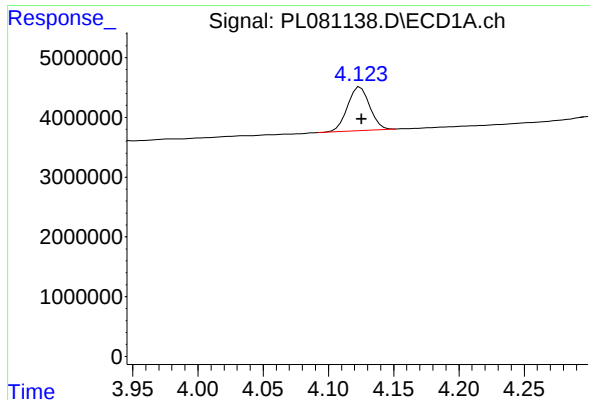
#2 alpha-BHC

R.T.: 3.795 min
Delta R.T.: 0.000 min
Response: 9416487
Conc: 4.56 ng/ml



#2 alpha-BHC

R.T.: 3.173 min
Delta R.T.: 0.000 min
Response: 10753305
Conc: 4.34 ng/ml



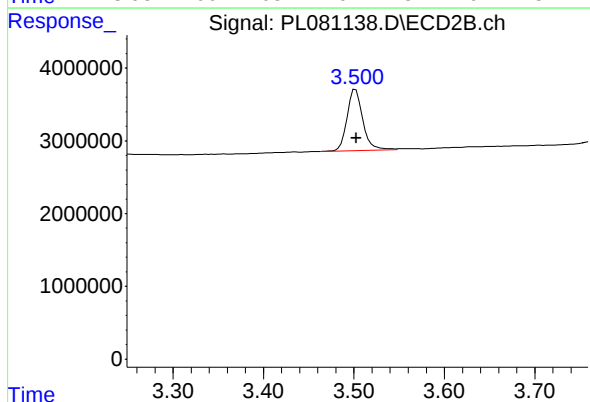
#3 gamma-BHC (Lindane)

R.T.: 4.124 min
Delta R.T.: 0.000 min
Response: 8644037
Conc: 4.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

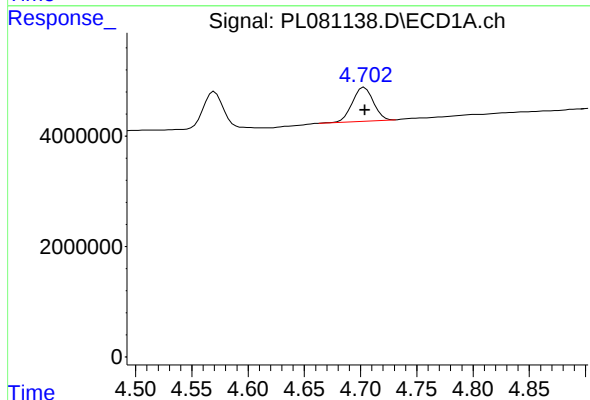
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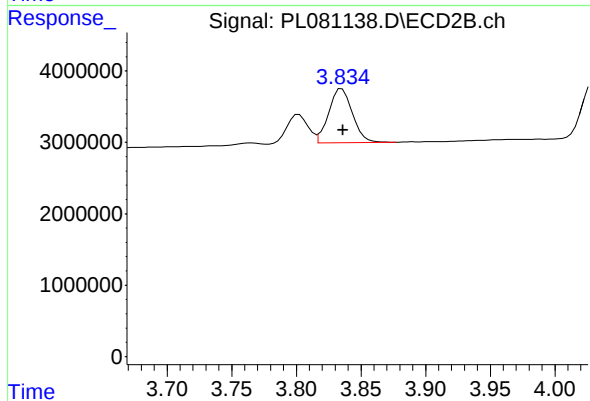
#3 gamma-BHC (Lindane)

R.T.: 3.502 min
Delta R.T.: 0.000 min
Response: 10213254
Conc: 4.47 ng/ml



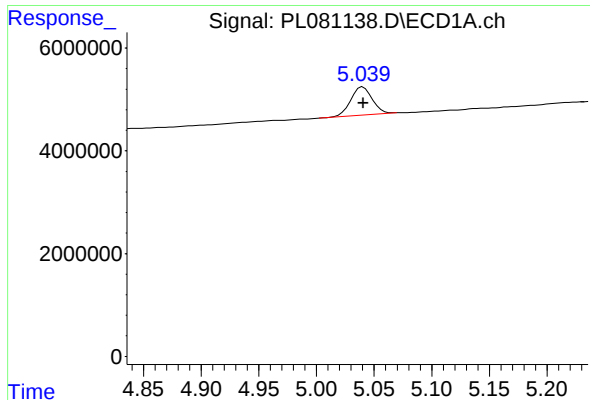
#4 Heptachlor

R.T.: 4.703 min
Delta R.T.: 0.000 min
Response: 8003793
Conc: 4.83 ng/ml



#4 Heptachlor

R.T.: 3.835 min
Delta R.T.: 0.000 min
Response: 9634157
Conc: 4.64 ng/ml



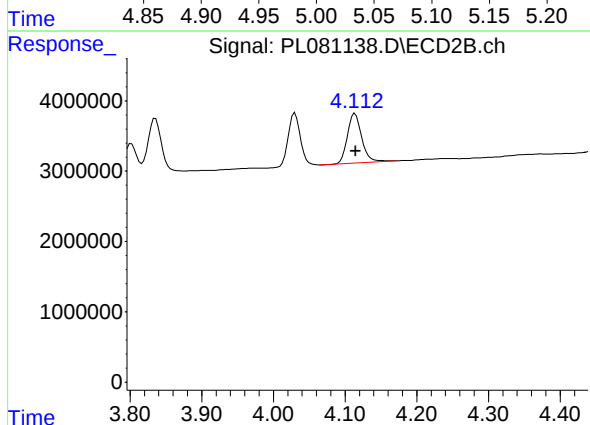
#5 Aldrin

R.T.: 5.040 min
Delta R.T.: 0.000 min
Response: 7071030
Conc: 4.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

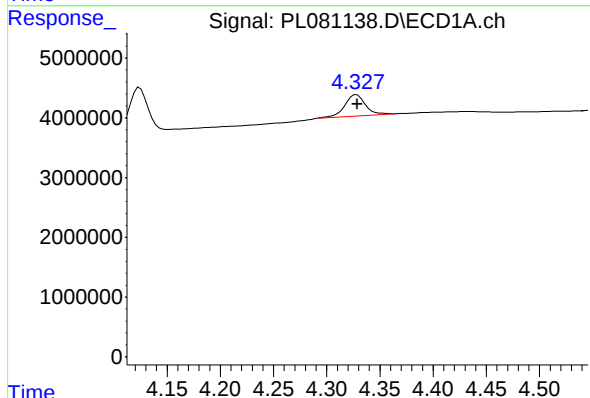
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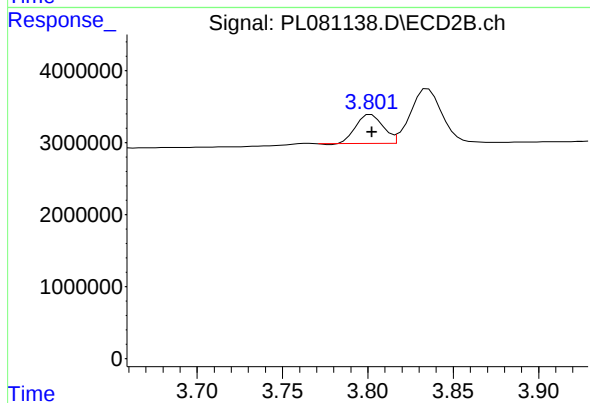
#5 Aldrin

R.T.: 4.114 min
Delta R.T.: 0.000 min
Response: 9881795
Conc: 4.78 ng/ml



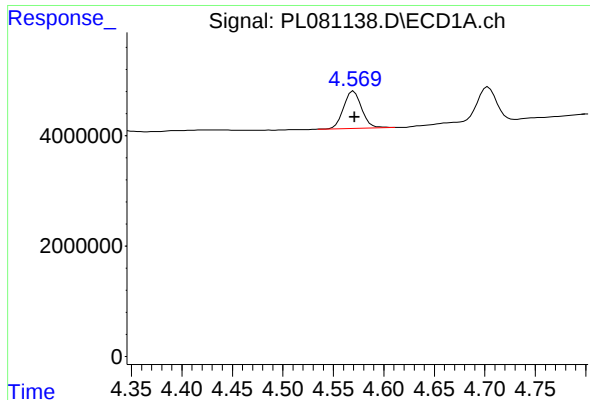
#6 beta-BHC

R.T.: 4.328 min
Delta R.T.: 0.000 min
Response: 4788954
Conc: 5.86 ng/ml



#6 beta-BHC

R.T.: 3.802 min
Delta R.T.: 0.000 min
Response: 4423368
Conc: 4.84 ng/ml



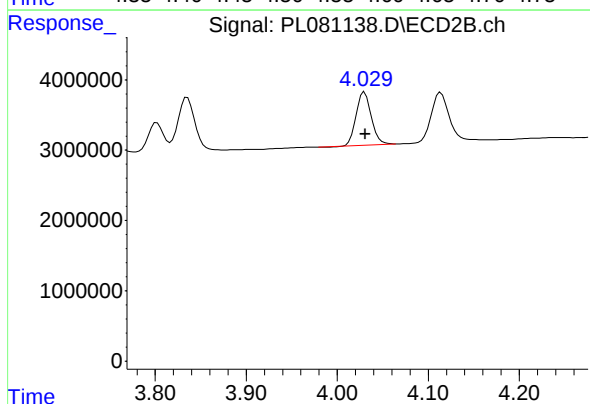
#7 delta-BHC

R.T.: 4.570 min
Delta R.T.: 0.000 min
Response: 8505758
Conc: 4.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

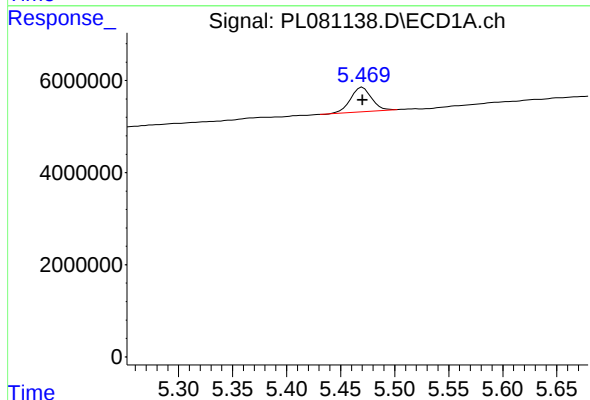
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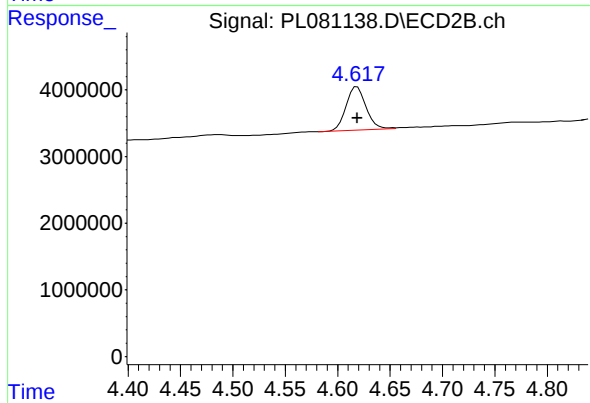
#7 delta-BHC

R.T.: 4.030 min
Delta R.T.: 0.000 min
Response: 8825254
Conc: 4.45 ng/ml



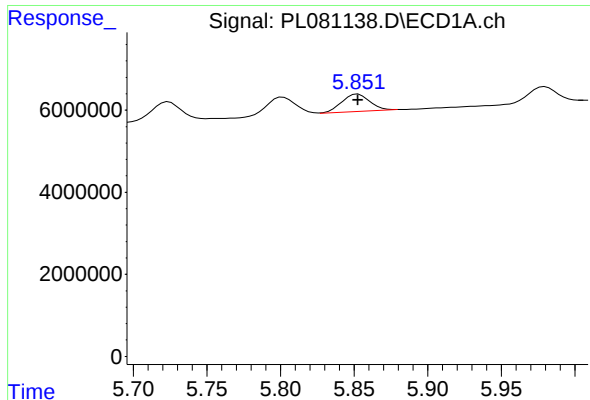
#8 Heptachlor epoxide

R.T.: 5.470 min
Delta R.T.: 0.000 min
Response: 7170915
Conc: 5.17 ng/ml



#8 Heptachlor epoxide

R.T.: 4.618 min
Delta R.T.: 0.000 min
Response: 8569086
Conc: 4.69 ng/ml



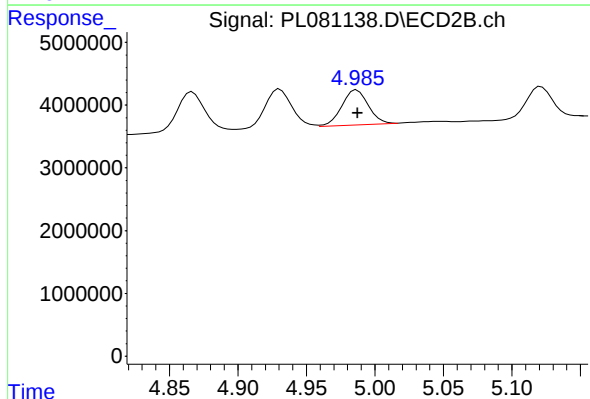
#9 Endosulfan I

R.T.: 5.853 min
Delta R.T.: 0.000 min
Response: 5661638
Conc: 4.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

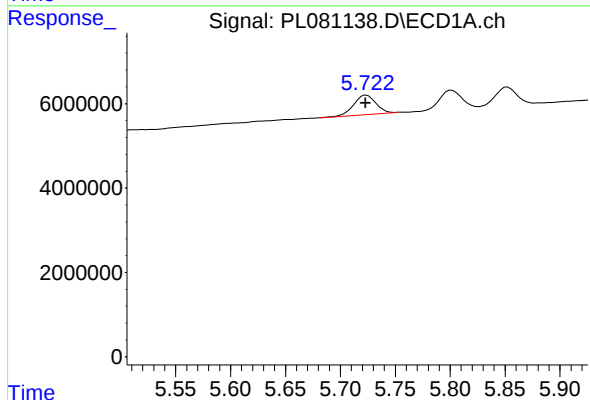
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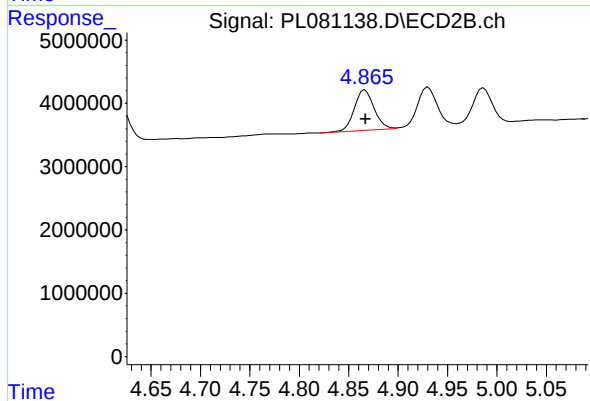
#9 Endosulfan I

R.T.: 4.987 min
Delta R.T.: 0.000 min
Response: 7495395
Conc: 4.64 ng/ml



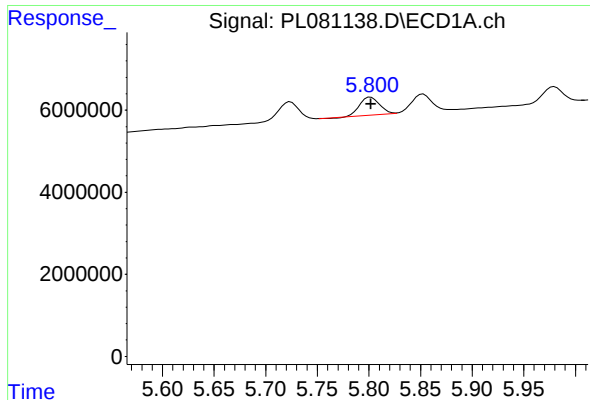
#10 gamma-Chlordane

R.T.: 5.724 min
Delta R.T.: 0.000 min
Response: 6465573
Conc: 4.83 ng/ml



#10 gamma-Chlordane

R.T.: 4.867 min
Delta R.T.: 0.000 min
Response: 8892021
Conc: 4.99 ng/ml



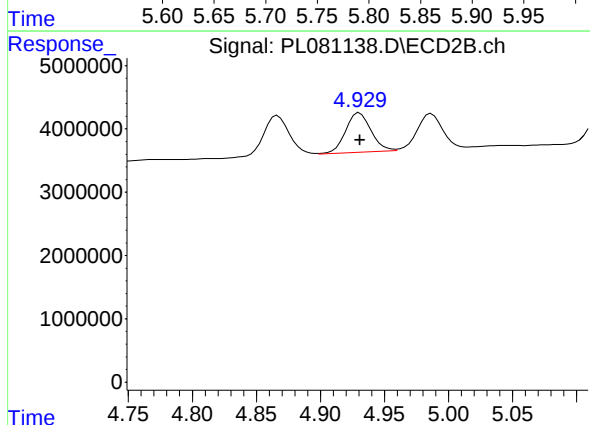
#11 alpha-Chlordane

R.T.: 5.802 min
Delta R.T.: 0.000 min
Response: 5885650
Conc: 4.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

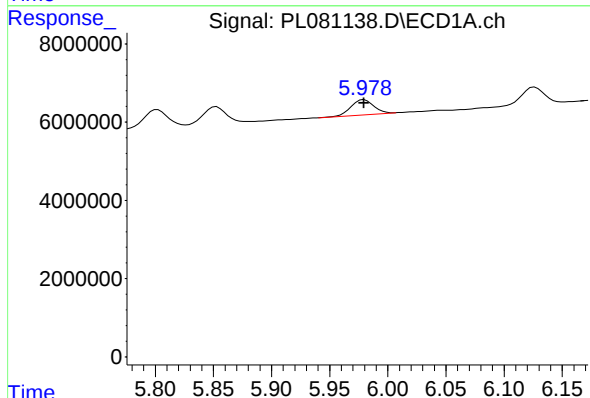
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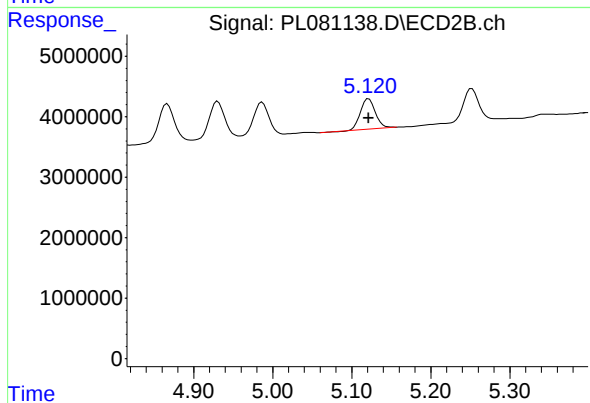
#11 alpha-Chlordane

R.T.: 4.931 min
Delta R.T.: 0.000 min
Response: 8547359
Conc: 4.89 ng/ml



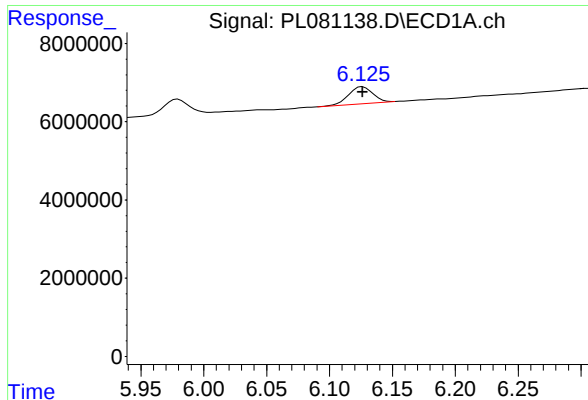
#12 4,4'-DDE

R.T.: 5.980 min
Delta R.T.: 0.000 min
Response: 5243677
Conc: 4.44 ng/ml



#12 4,4'-DDE

R.T.: 5.121 min
Delta R.T.: 0.000 min
Response: 6533238
Conc: 4.62 ng/ml



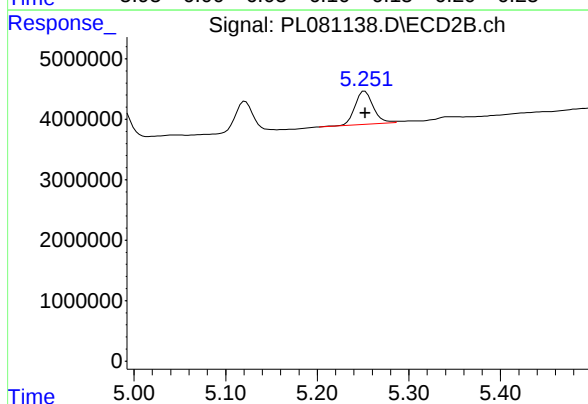
#13 Dieldrin

R.T.: 6.126 min
Delta R.T.: 0.000 min
Response: 5854302
Conc: 4.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

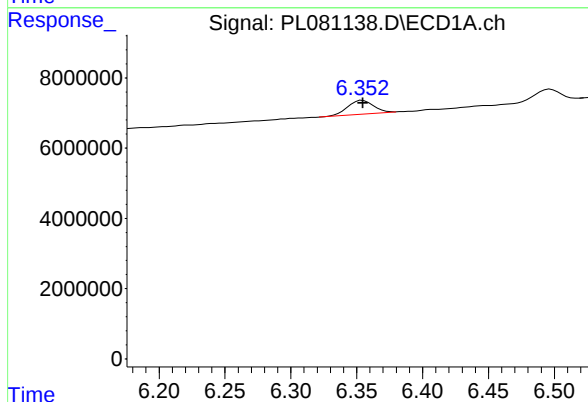
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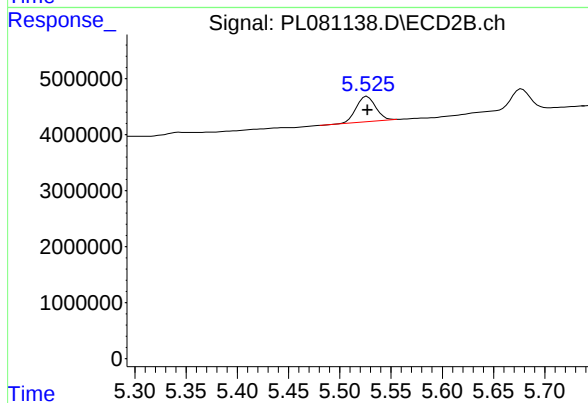
#13 Dieldrin

R.T.: 5.252 min
Delta R.T.: 0.000 min
Response: 7595876
Conc: 4.62 ng/ml



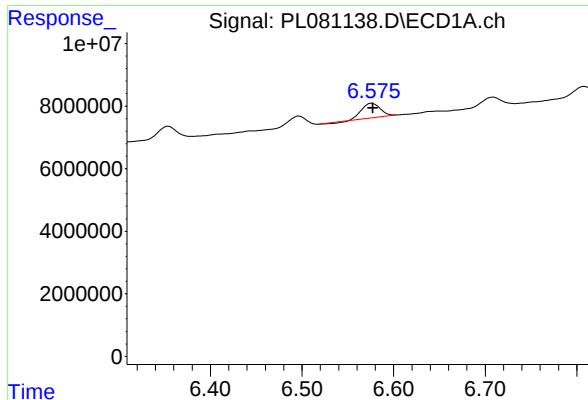
#14 Endrin

R.T.: 6.354 min
Delta R.T.: 0.000 min
Response: 5314043
Conc: 4.69 ng/ml



#14 Endrin

R.T.: 5.527 min
Delta R.T.: 0.000 min
Response: 5980261
Conc: 4.28 ng/ml



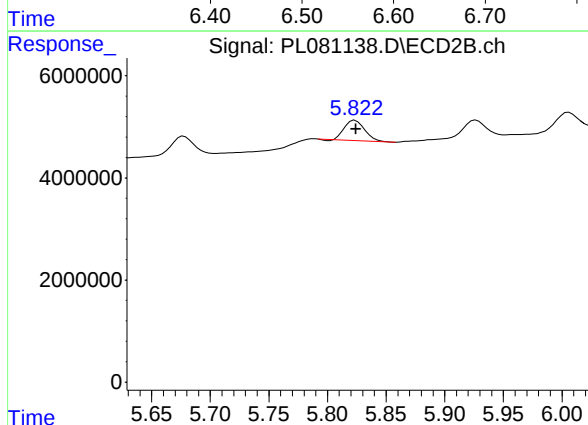
#15 Endosulfan II

R.T.: 6.577 min
Delta R.T.: 0.000 min
Response: 6222341
Conc: 5.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

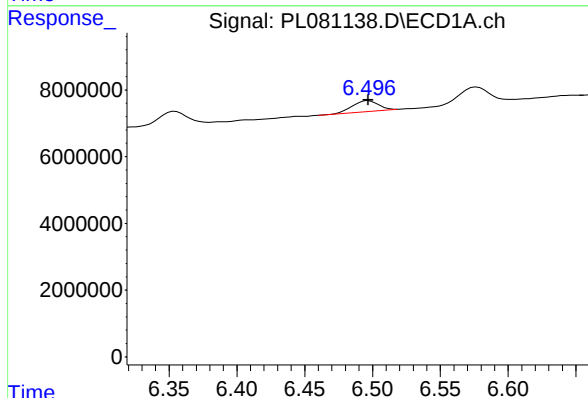
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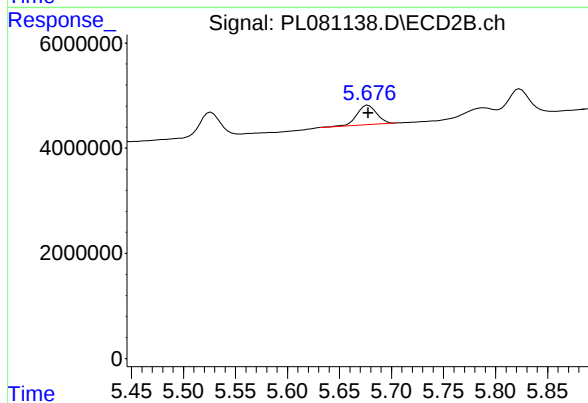
#15 Endosulfan II

R.T.: 5.823 min
Delta R.T.: 0.000 min
Response: 4788322
Conc: 3.90 ng/ml



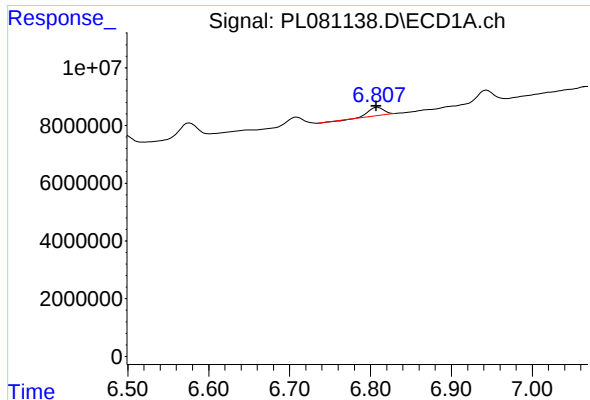
#16 4,4'-DDD

R.T.: 6.497 min
Delta R.T.: 0.000 min
Response: 4267727
Conc: 4.27 ng/ml



#16 4,4'-DDD

R.T.: 5.678 min
Delta R.T.: 0.000 min
Response: 4958096
Conc: 4.40 ng/ml



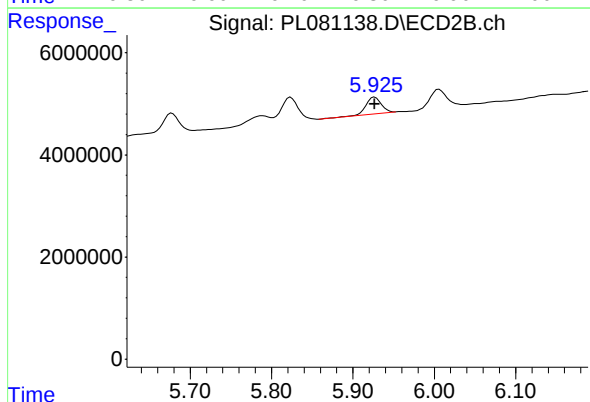
#17 4,4'-DDT

R.T.: 6.809 min
Delta R.T.: 0.002 min
Response: 3458082
Conc: 3.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

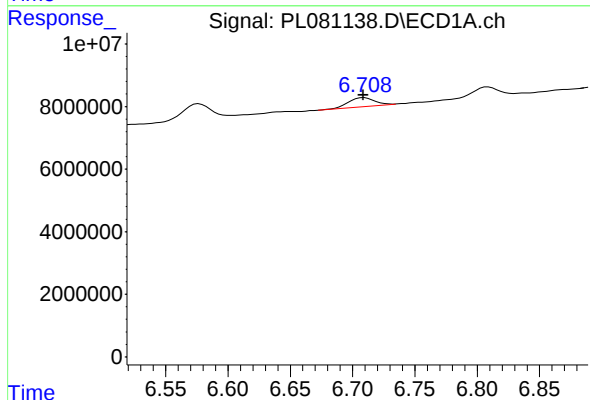
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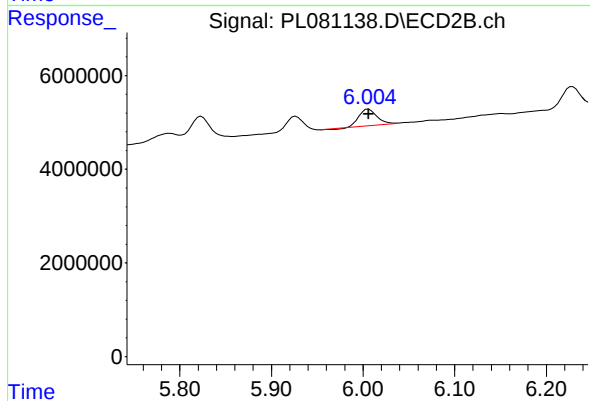
#17 4,4'-DDT

R.T.: 5.927 min
Delta R.T.: 0.000 min
Response: 4143329
Conc: 4.13 ng/ml



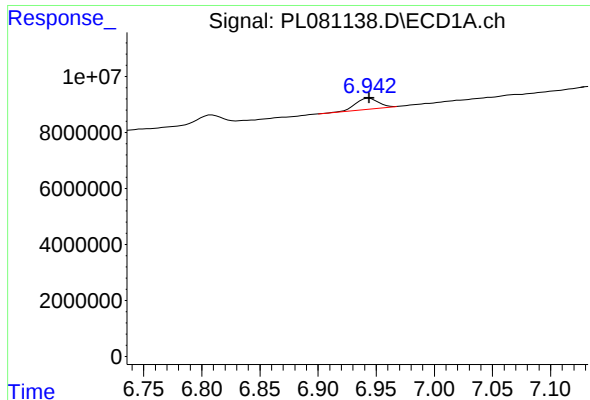
#18 Endrin aldehyde

R.T.: 6.709 min
Delta R.T.: 0.000 min
Response: 4143263
Conc: 4.88 ng/ml



#18 Endrin aldehyde

R.T.: 6.006 min
Delta R.T.: 0.000 min
Response: 4612911
Conc: 4.54 ng/ml



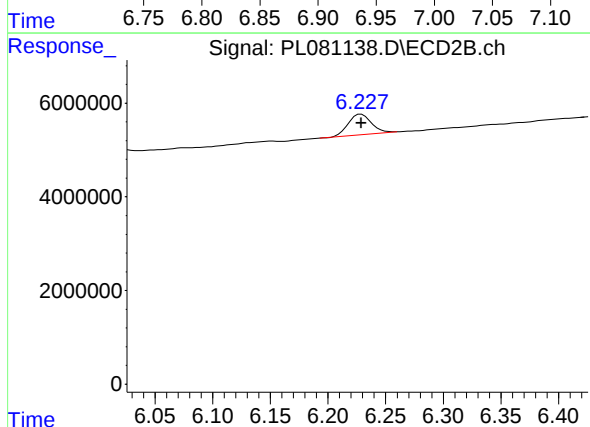
#19 Endosulfan Sulfate

R.T.: 6.944 min
Delta R.T.: 0.000 min
Response: 5228740
Conc: 5.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

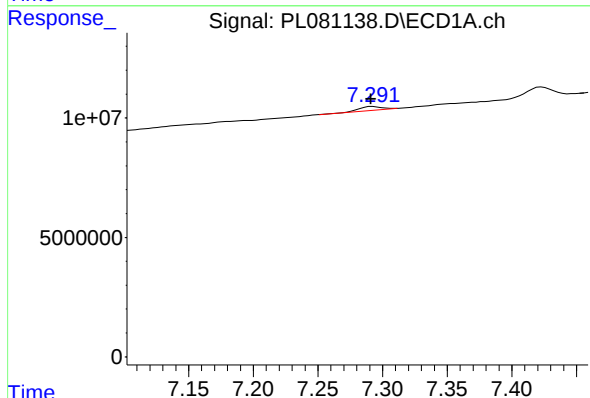
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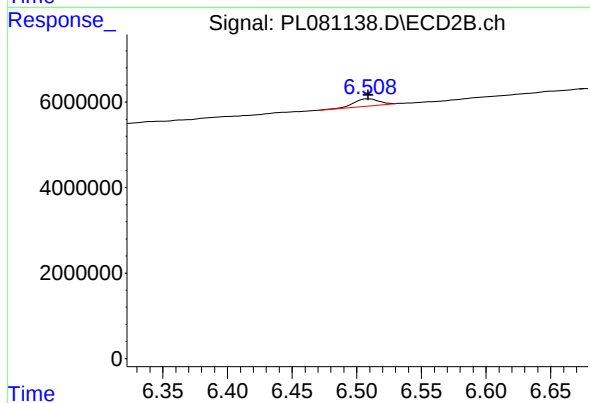
#19 Endosulfan Sulfate

R.T.: 6.229 min
Delta R.T.: 0.000 min
Response: 6062258
Conc: 4.82 ng/ml



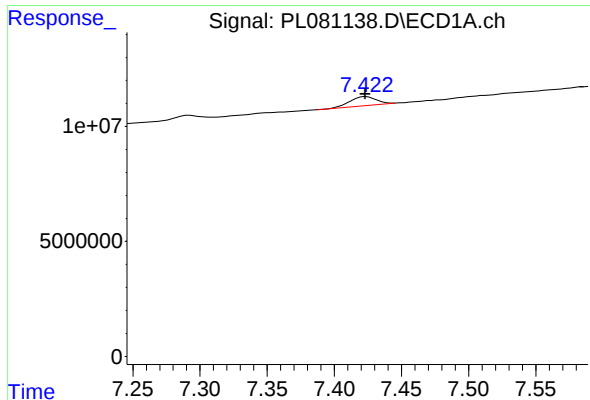
#20 Methoxychlor

R.T.: 7.292 min
Delta R.T.: 0.001 min
Response: 1843703
Conc: 3.70 ng/ml



#20 Methoxychlor

R.T.: 6.510 min
Delta R.T.: 0.000 min
Response: 2240366
Conc: 4.25 ng/ml



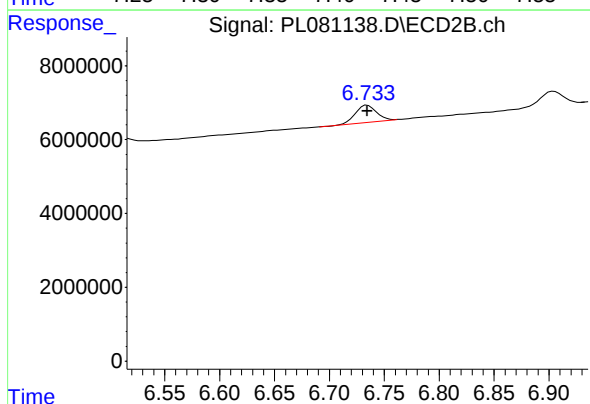
#21 Endrin ketone

R.T.: 7.423 min
Delta R.T.: 0.000 min
Response: 5393839
Conc: 4.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

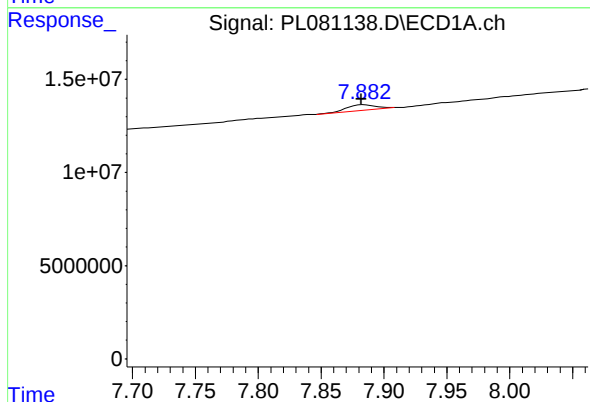
Manual Integrations
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Reviewed By :Abdul Mirza 03/01/2023
Supervised By :Ankita Jodhani 03/01/2023



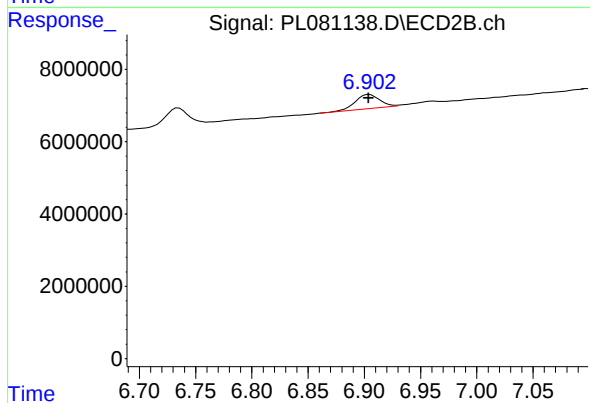
#21 Endrin ketone

R.T.: 6.735 min
Delta R.T.: 0.000 min
Response: 6188923
Conc: 4.50 ng/ml



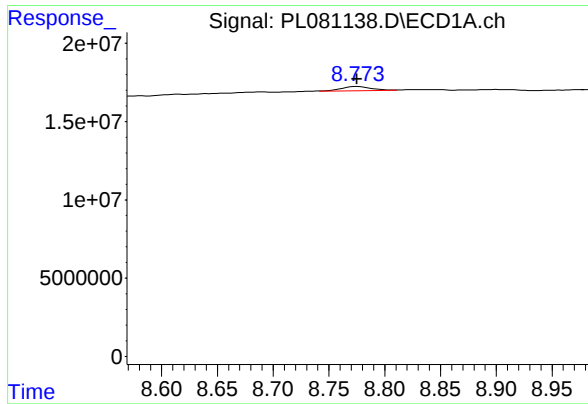
#22 Mirex

R.T.: 7.884 min
Delta R.T.: 0.002 min
Response: 4767503
Conc: 5.53 ng/ml



#22 Mirex

R.T.: 6.904 min
Delta R.T.: 0.000 min
Response: 5833540
Conc: 5.09 ng/ml



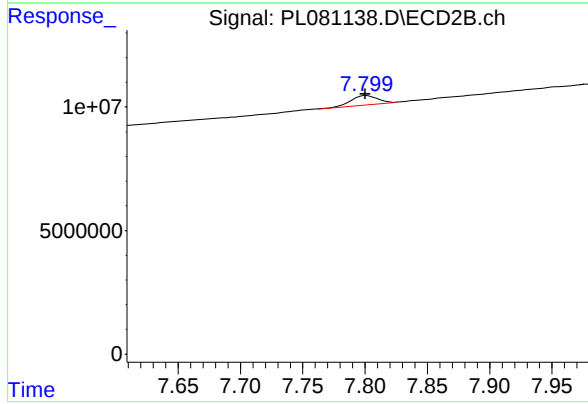
#28 Decachlorobiphenyl

R.T.: 8.773 min
Delta R.T.: -0.002 min
Response: 4804691
Conc: 4.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/01/2023
Supervised By :Ankita Jodhani 03/01/2023



#28 Decachlorobiphenyl

R.T.: 7.801 min
Delta R.T.: 0.001 min
Response: 5431322
Conc: 4.67 ng/ml