

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050223\
 Data File : PL082445.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 May 2023 16:44
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/04/2023
 Supervised By :Ankita Jodhani 05/04/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 03 01:51:45 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 03:12:31 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...	3.323	2.646	130.1E6	110.3E6	48.703	47.596
28) SA Decachlor...	8.746	7.760	91627852	103.9E6	47.996	45.533
Target Compounds						
2) A alpha-BHC	3.773	3.144	199.1E6	161.8E6	50.030	47.544
3) MA gamma-BHC...	4.101	3.469	185.9E6	150.6E6	49.723	46.846m
4) MA Heptachlor	4.680	3.803	177.2E6	161.1E6	48.508	47.055
5) MB Aldrin	5.016	4.080	163.5E6	153.1E6	49.567	48.608
6) B beta-BHC	4.304	3.771	79801204	66001341	46.790	48.374
7) B delta-BHC	4.546	3.997	181.2E6	148.2E6	50.363	48.321
8) B Heptachlo...	5.443	4.581	165.7E6	134.7E6	54.315	46.739
9) A Endosulfan I	5.824	4.949	134.9E6	125.1E6	48.657	46.857
10) B gamma-Chl...	5.698	4.830	175.8E6	151.2E6	58.472	52.094
11) B alpha-Chl...	5.775	4.893	144.8E6	141.9E6	48.526	48.867
12) B 4,4'-DDE	5.954	5.083	137.6E6	112.4E6	54.130	48.912m
13) MA Dieldrin	6.099	5.213	136.7E6	137.3E6	49.562	50.861
14) MA Endrin	6.327	5.486	127.7E6	111.5E6	52.681	45.575m
15) B Endosulfa...	6.548	5.783	109.4E6	113.0E6	44.934	50.136m
16) A 4,4'-DDD	6.470	5.639	113.6E6	94524597	56.028	50.537
17) MA 4,4'-DDT	6.781	5.887	121.7E6	112.2E6	53.187	53.089
18) B Endrin al...	6.678	5.965	93655519	86795467	49.706	46.381
19) B Endosulfa...	6.913	6.187	117.4E6	113.3E6	49.507	48.113
20) A Methoxychlor	7.263	6.466	55508229	56548737	45.486	46.664m
21) B Endrin ke...	7.393	6.692	121.5E6	122.0E6	50.755	48.085
22) Mirex	7.857	6.864	92154755	101.9E6	47.106	44.213

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050223\
Data File : PL082445.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 May 2023 16:44
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

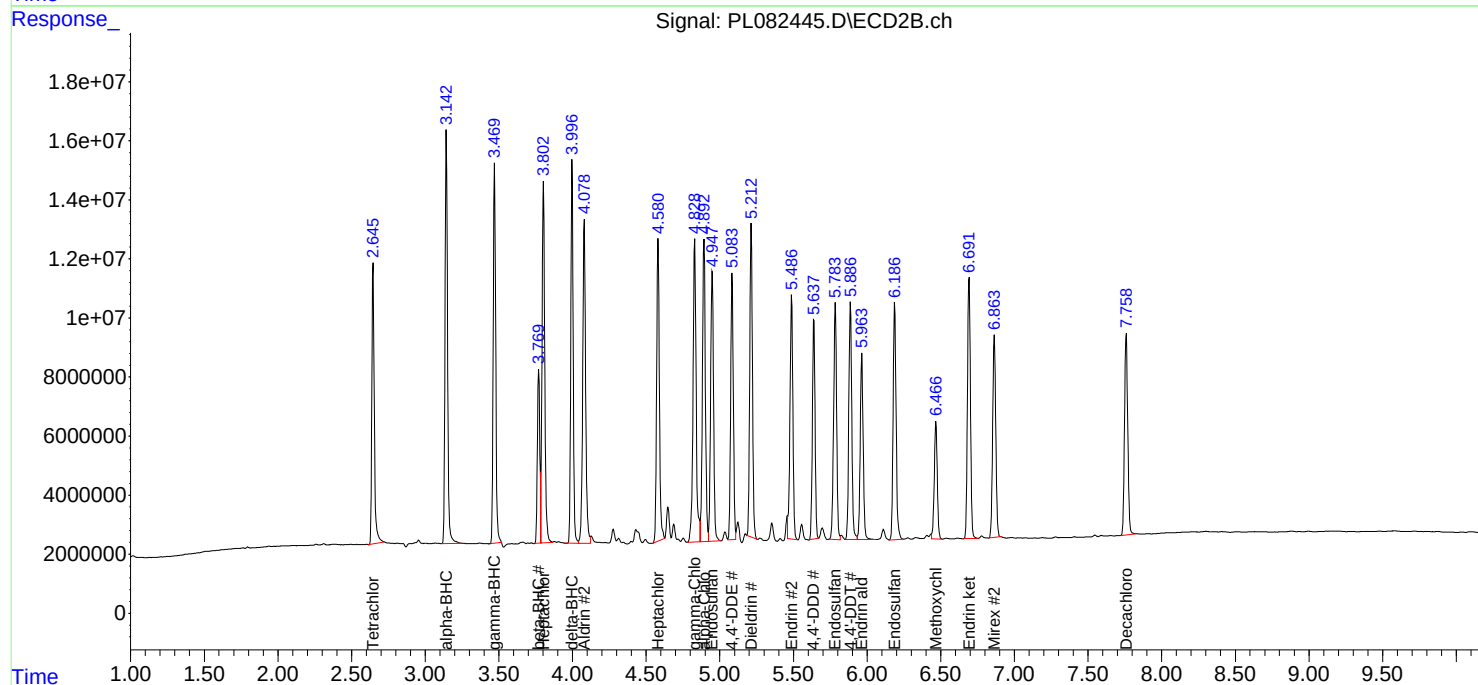
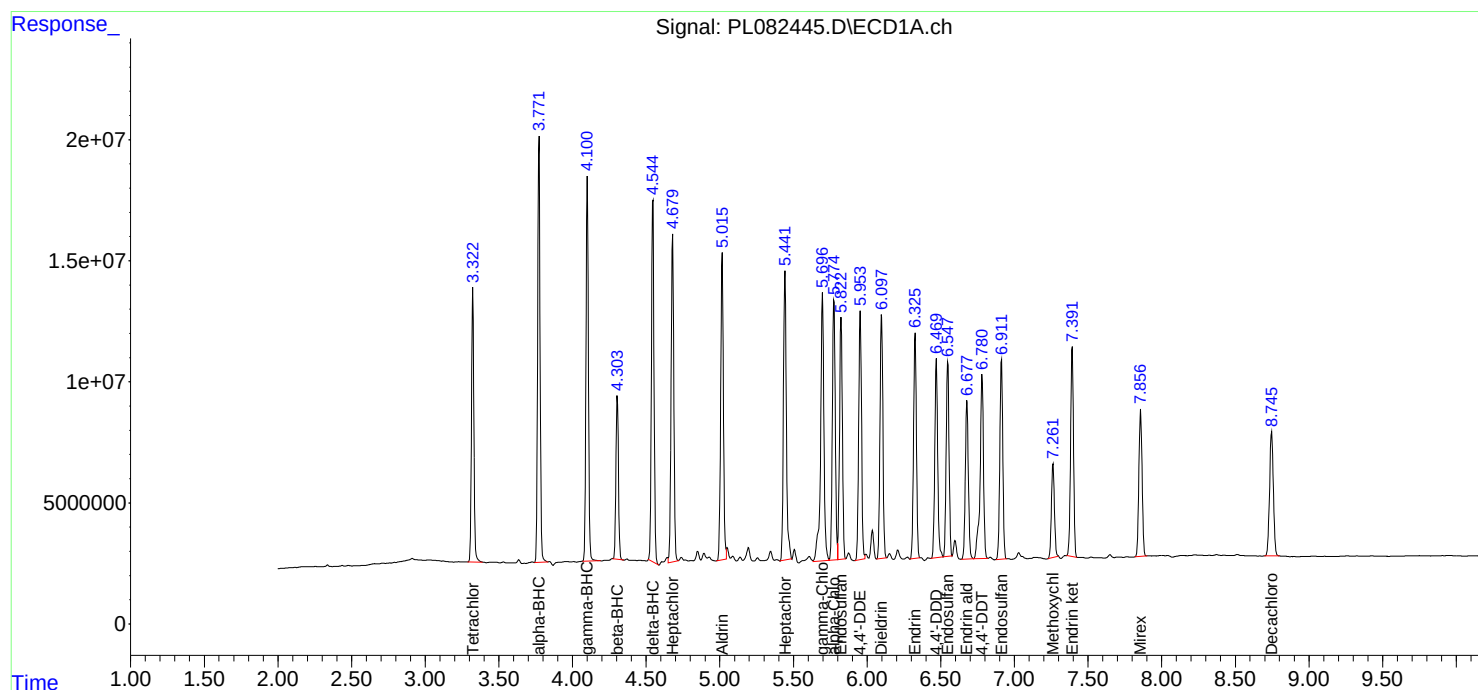
APPROVED

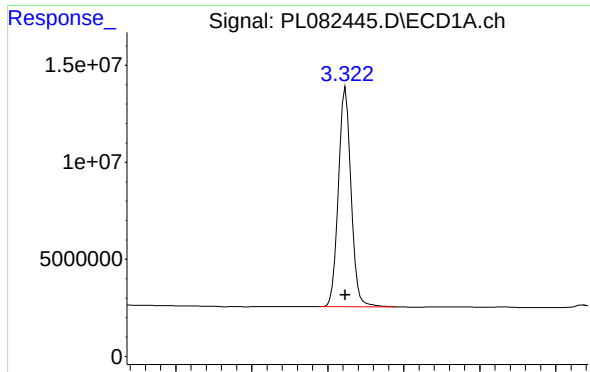
Reviewed By :Abdul Mirza 05/04/2023

Supervised By :Ankita Jodhani 05/04/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 03 01:51:45 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
Quant Title : GC Extractables
QLast Update : Fri Apr 21 03:12:31 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





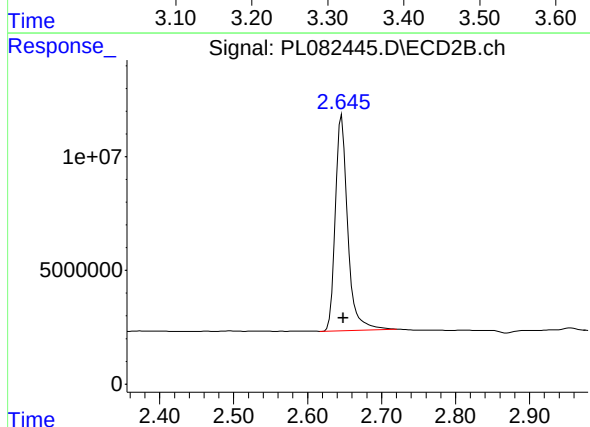
#1 Tetrachloro-m-xylene

R.T.: 3.323 min
Delta R.T.: 0.000 min
Response: 130097175
Conc: 48.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

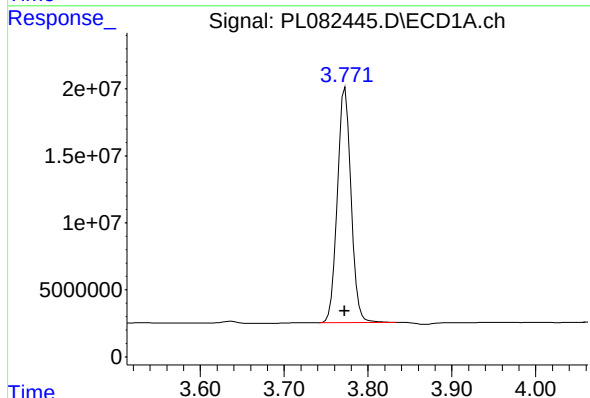
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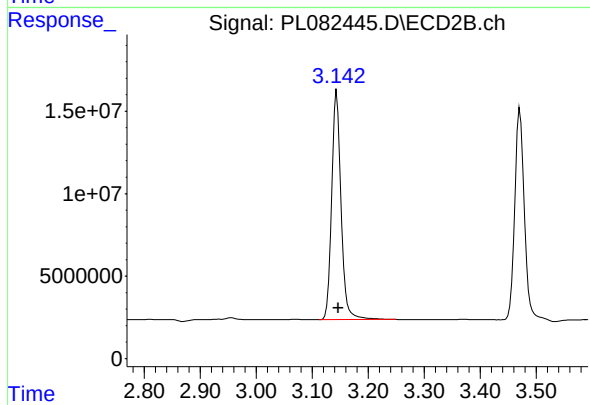
#1 Tetrachloro-m-xylene

R.T.: 2.646 min
Delta R.T.: -0.002 min
Response: 110267640
Conc: 47.60 ng/ml



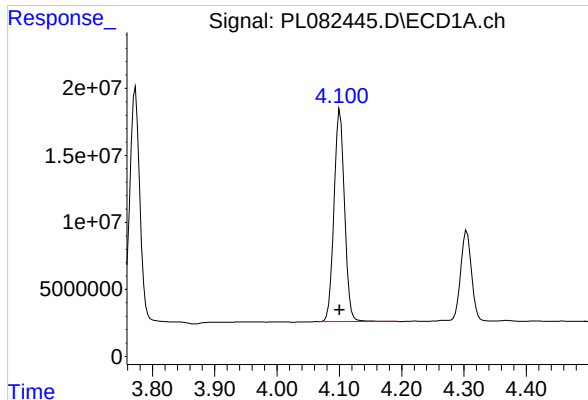
#2 alpha-BHC

R.T.: 3.773 min
Delta R.T.: 0.000 min
Response: 199130995
Conc: 50.03 ng/ml



#2 alpha-BHC

R.T.: 3.144 min
Delta R.T.: -0.002 min
Response: 161816163
Conc: 47.54 ng/ml



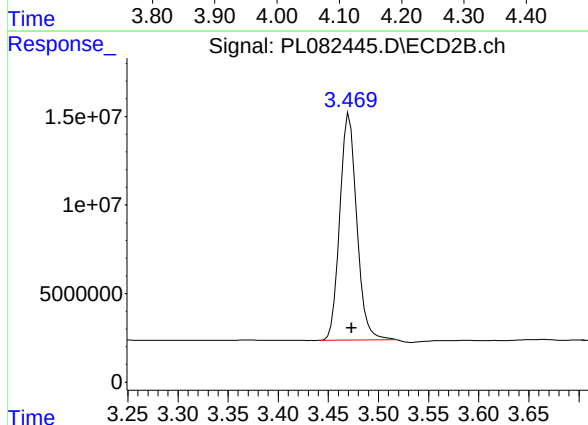
#3 gamma-BHC (Lindane)

R.T.: 4.101 min
Delta R.T.: 0.000 min
Response: 185911191
Conc: 49.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

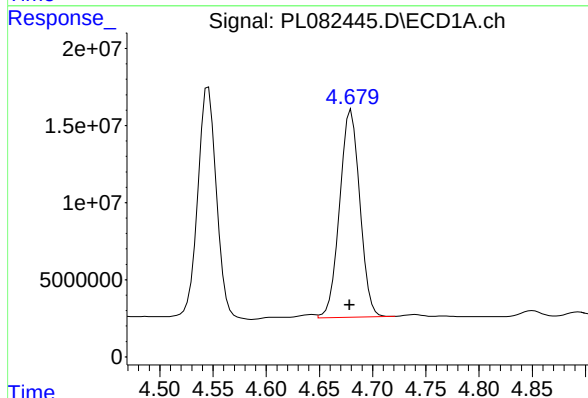
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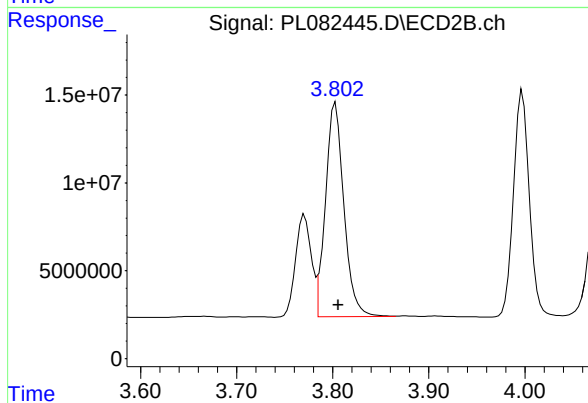
#3 gamma-BHC (Lindane)

R.T.: 3.469 min
Delta R.T.: -0.004 min
Response: 150624089
Conc: 46.85 ng/ml



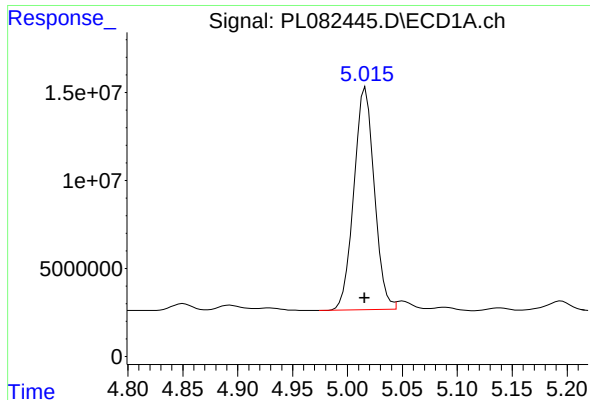
#4 Heptachlor

R.T.: 4.680 min
Delta R.T.: 0.001 min
Response: 177246208
Conc: 48.51 ng/ml



#4 Heptachlor

R.T.: 3.803 min
Delta R.T.: -0.003 min
Response: 161081834
Conc: 47.06 ng/ml



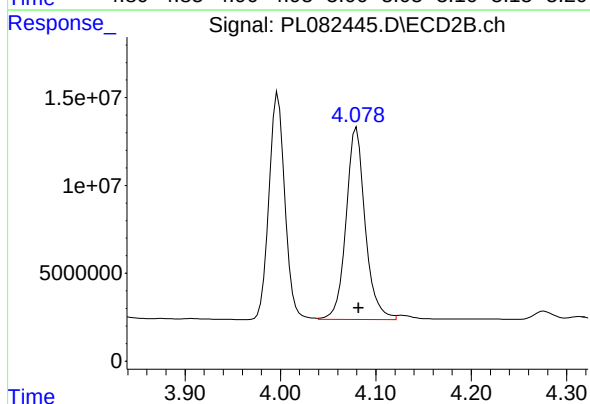
#5 Aldrin

R.T.: 5.016 min
Delta R.T.: 0.000 min
Response: 163451017
Conc: 49.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

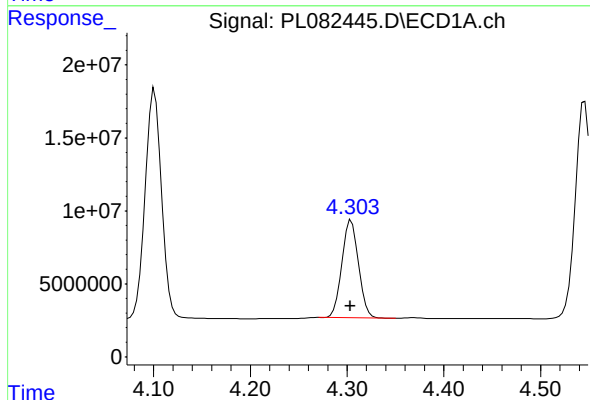
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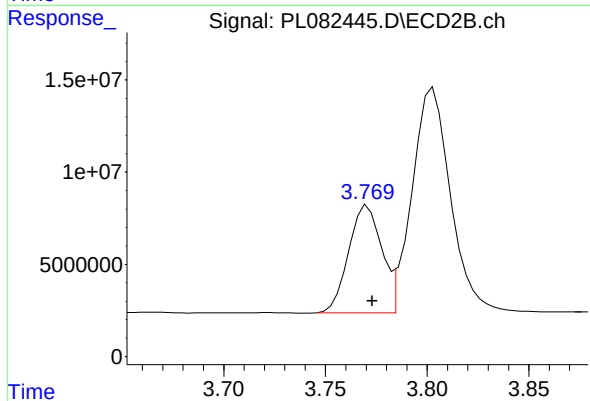
#5 Aldrin

R.T.: 4.080 min
Delta R.T.: -0.003 min
Response: 153107911
Conc: 48.61 ng/ml



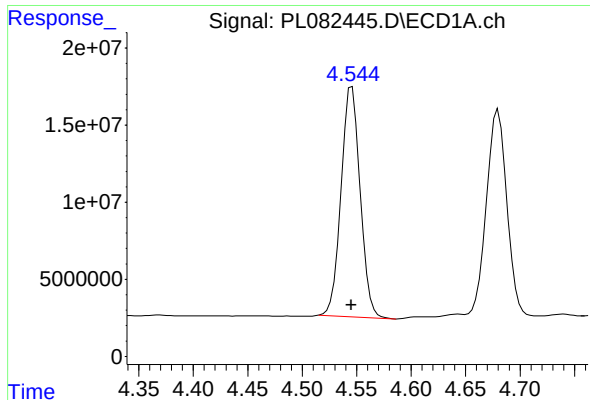
#6 beta-BHC

R.T.: 4.304 min
Delta R.T.: 0.000 min
Response: 79801204
Conc: 46.79 ng/ml



#6 beta-BHC

R.T.: 3.771 min
Delta R.T.: -0.002 min
Response: 66001341
Conc: 48.37 ng/ml



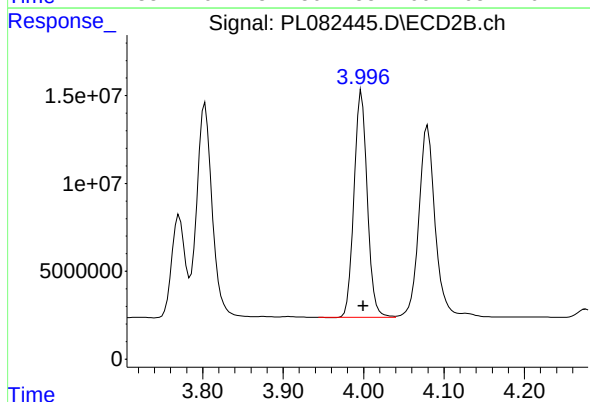
#7 delta-BHC

R.T.: 4.546 min
Delta R.T.: 0.000 min
Response: 181194291
Conc: 50.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

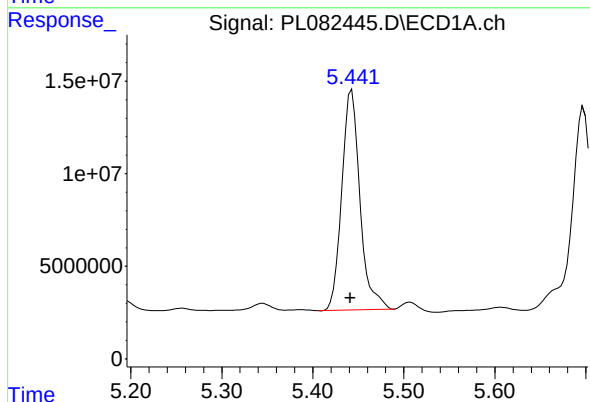
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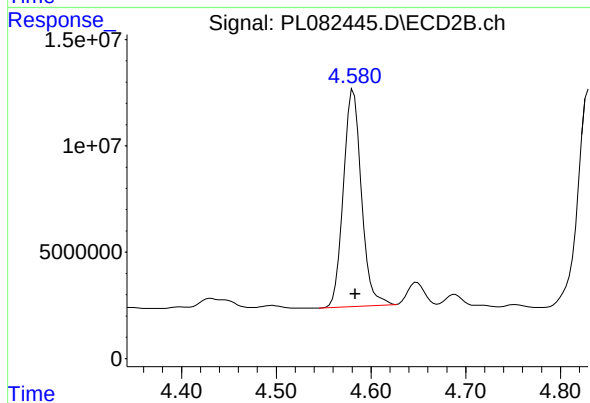
#7 delta-BHC

R.T.: 3.997 min
Delta R.T.: -0.002 min
Response: 148219444
Conc: 48.32 ng/ml



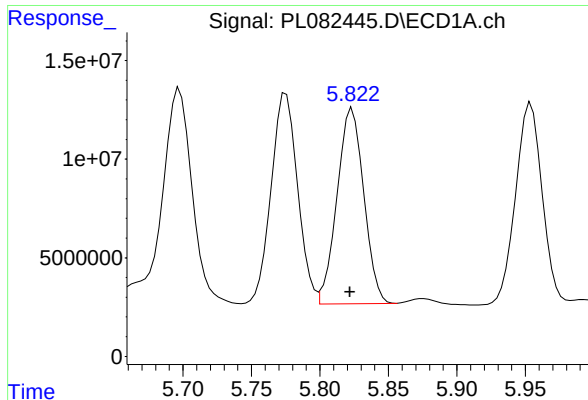
#8 Heptachlor epoxide

R.T.: 5.443 min
Delta R.T.: 0.002 min
Response: 165680234
Conc: 54.32 ng/ml



#8 Heptachlor epoxide

R.T.: 4.581 min
Delta R.T.: -0.002 min
Response: 134650732
Conc: 46.74 ng/ml



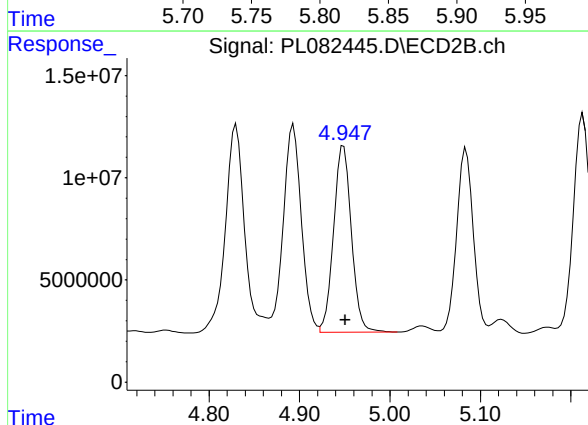
#9 Endosulfan I

R.T.: 5.824 min
Delta R.T.: 0.001 min
Response: 134912290
Conc: 48.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

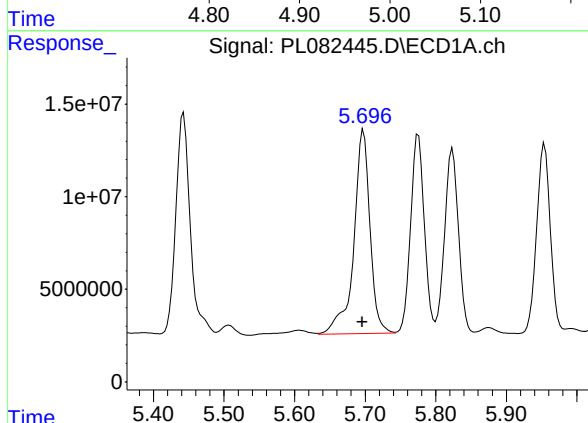
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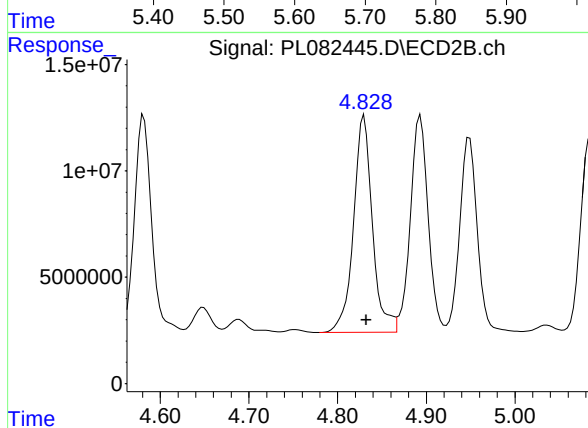
#9 Endosulfan I

R.T.: 4.949 min
Delta R.T.: -0.002 min
Response: 125080919
Conc: 46.86 ng/ml



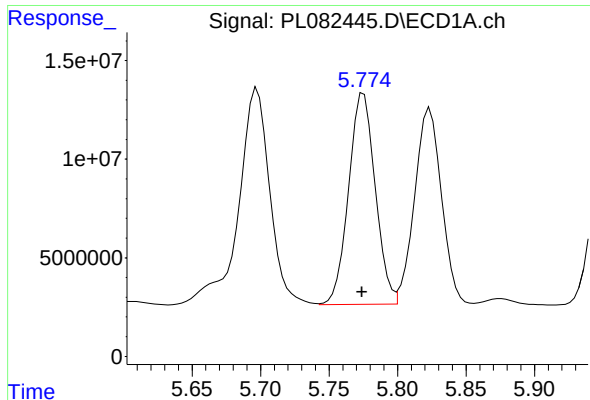
#10 gamma-Chlordane

R.T.: 5.698 min
Delta R.T.: 0.001 min
Response: 175817967
Conc: 58.47 ng/ml



#10 gamma-Chlordane

R.T.: 4.830 min
Delta R.T.: -0.003 min
Response: 151168997
Conc: 52.09 ng/ml



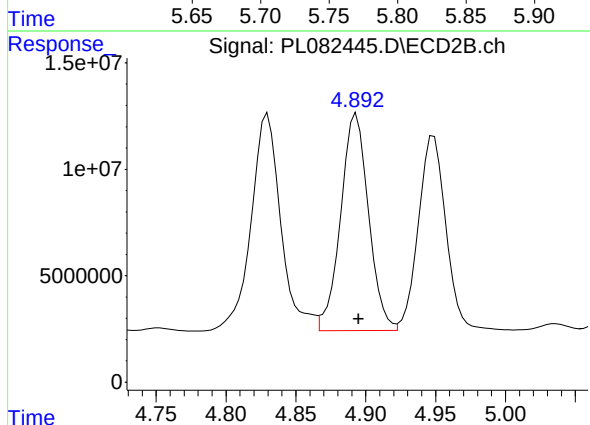
#11 alpha-Chlordane

R.T.: 5.775 min
Delta R.T.: 0.001 min
Response: 144830464
Conc: 48.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

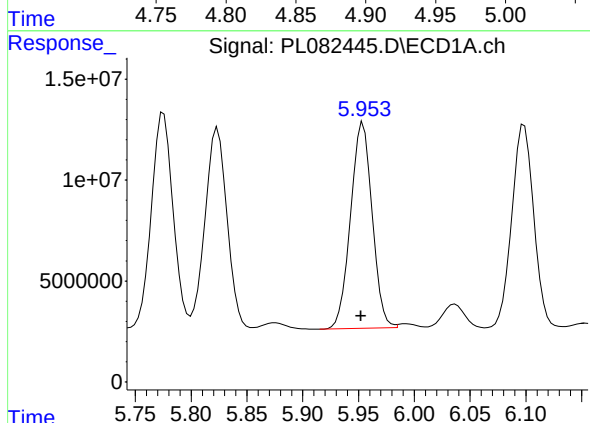
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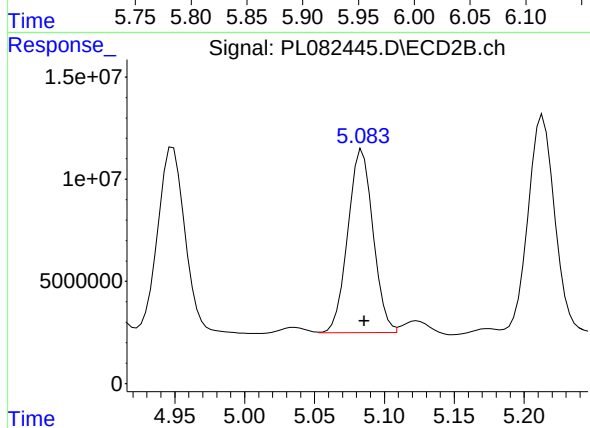
#11 alpha-Chlordane

R.T.: 4.893 min
Delta R.T.: -0.002 min
Response: 141853523
Conc: 48.87 ng/ml



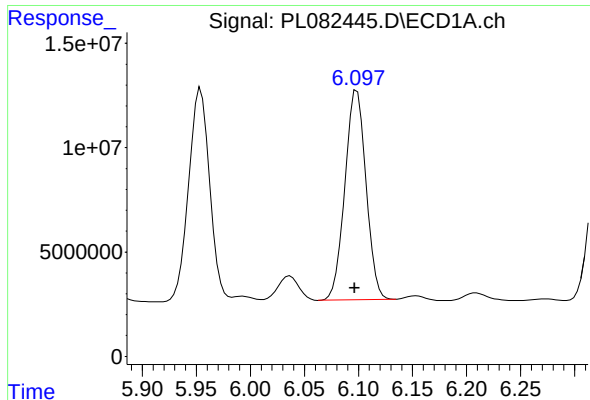
#12 4,4'-DDE

R.T.: 5.954 min
Delta R.T.: 0.002 min
Response: 137600069
Conc: 54.13 ng/ml



#12 4,4'-DDE

R.T.: 5.083 min
Delta R.T.: -0.003 min
Response: 112446875
Conc: 48.91 ng/ml m



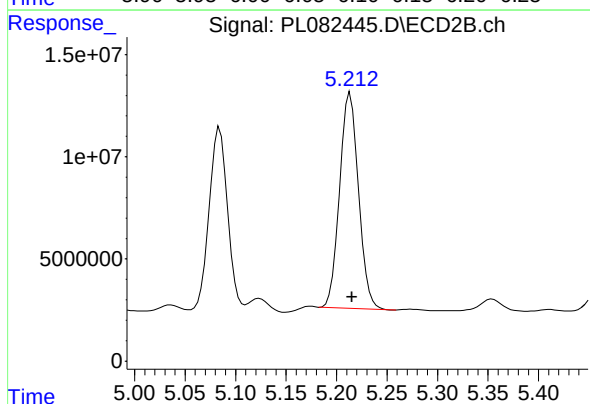
#13 Dieldrin

R.T.: 6.099 min
Delta R.T.: 0.002 min
Response: 136747975
Conc: 49.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

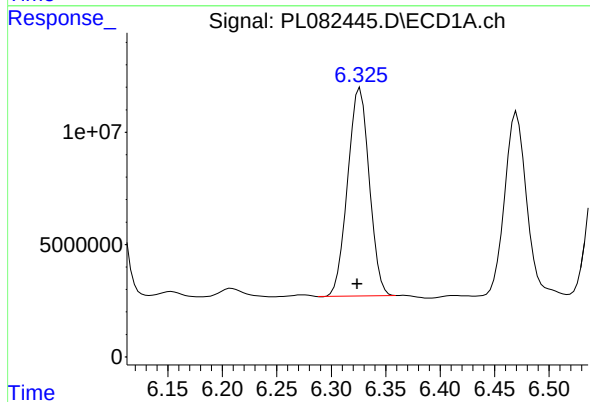
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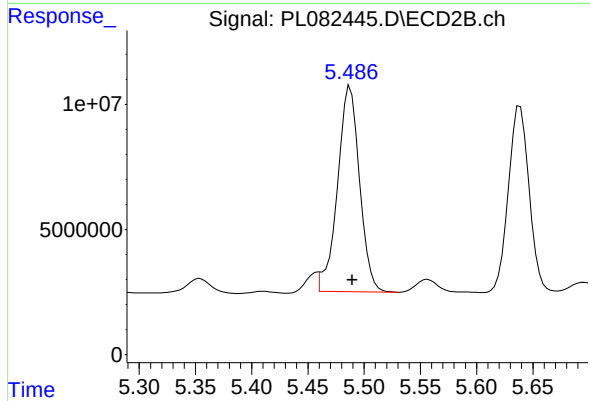
#13 Dieldrin

R.T.: 5.213 min
Delta R.T.: -0.002 min
Response: 137343385
Conc: 50.86 ng/ml



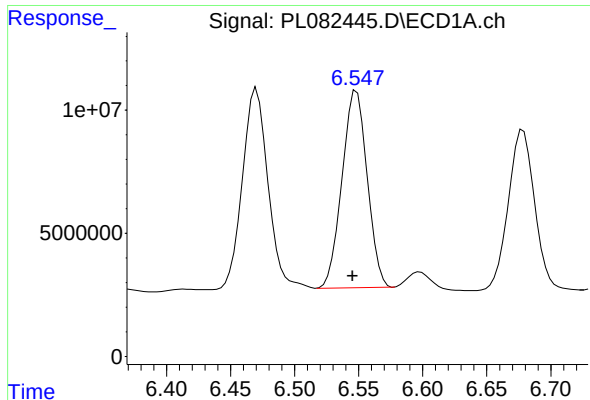
#14 Endrin

R.T.: 6.327 min
Delta R.T.: 0.003 min
Response: 127728878
Conc: 52.68 ng/ml



#14 Endrin

R.T.: 5.486 min
Delta R.T.: -0.003 min
Response: 111475224
Conc: 45.58 ng/ml m



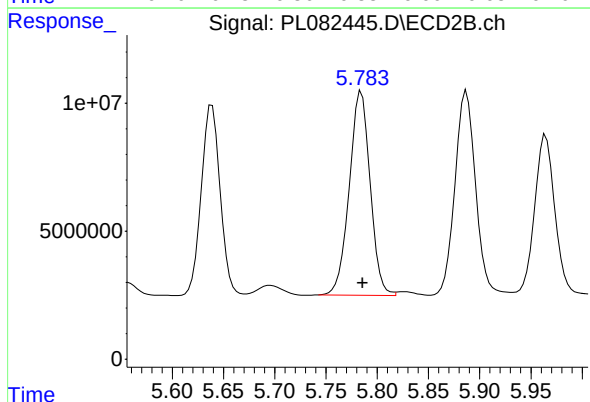
#15 Endosulfan II

R.T.: 6.548 min
Delta R.T.: 0.003 min
Response: 109393947
Conc: 44.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

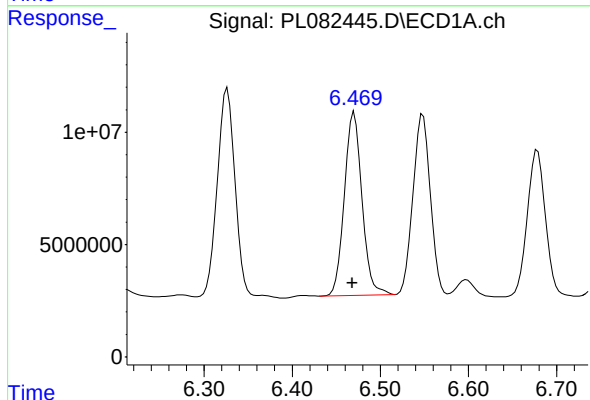
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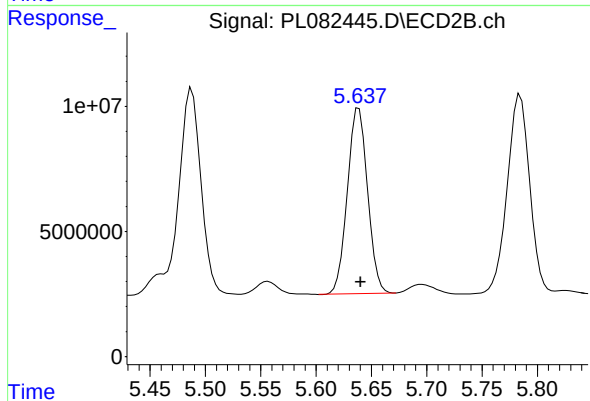
#15 Endosulfan II

R.T.: 5.783 min
Delta R.T.: -0.003 min
Response: 113011772
Conc: 50.14 ng/ml



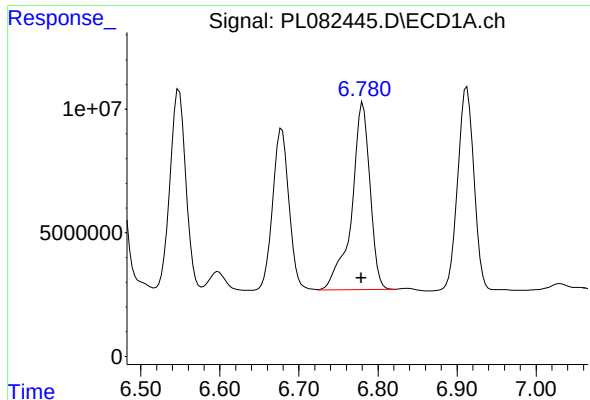
#16 4,4'-DDD

R.T.: 6.470 min
Delta R.T.: 0.002 min
Response: 113579201
Conc: 56.03 ng/ml



#16 4,4'-DDD

R.T.: 5.639 min
Delta R.T.: -0.002 min
Response: 94524597
Conc: 50.54 ng/ml



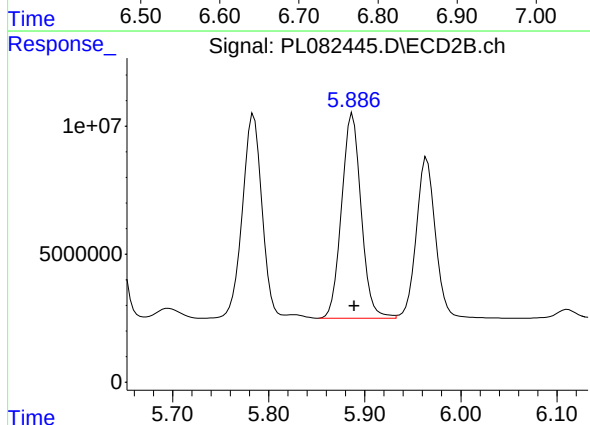
#17 4,4'-DDT

R.T.: 6.781 min
Delta R.T.: 0.002 min
Response: 121677145
Conc: 53.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

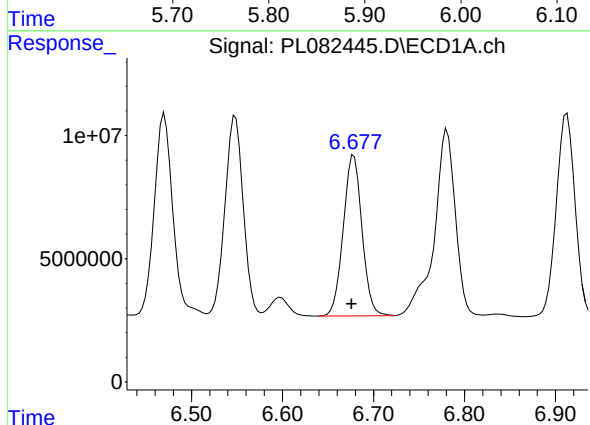
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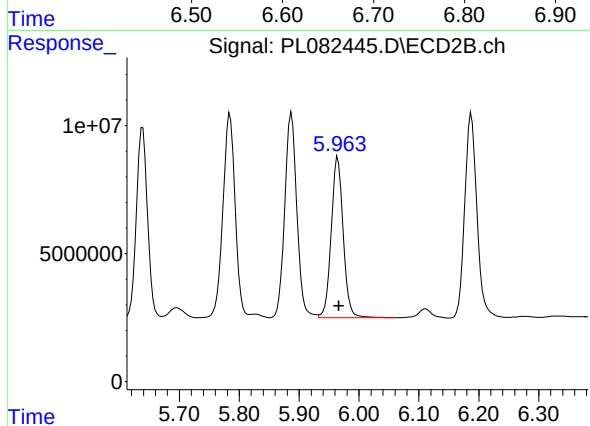
#17 4,4'-DDT

R.T.: 5.887 min
Delta R.T.: -0.002 min
Response: 112156219
Conc: 53.09 ng/ml



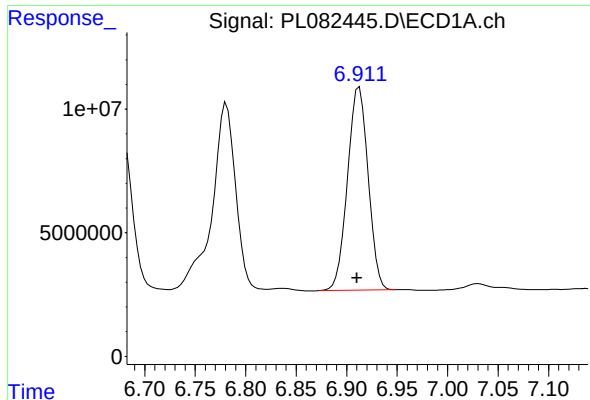
#18 Endrin aldehyde

R.T.: 6.678 min
Delta R.T.: 0.002 min
Response: 93655519
Conc: 49.71 ng/ml



#18 Endrin aldehyde

R.T.: 5.965 min
Delta R.T.: -0.002 min
Response: 86795467
Conc: 46.38 ng/ml



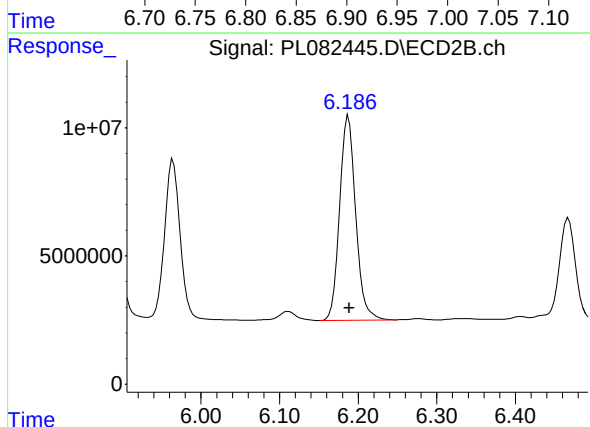
#19 Endosulfan Sulfate

R.T.: 6.913 min
Delta R.T.: 0.002 min
Response: 117406610
Conc: 49.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

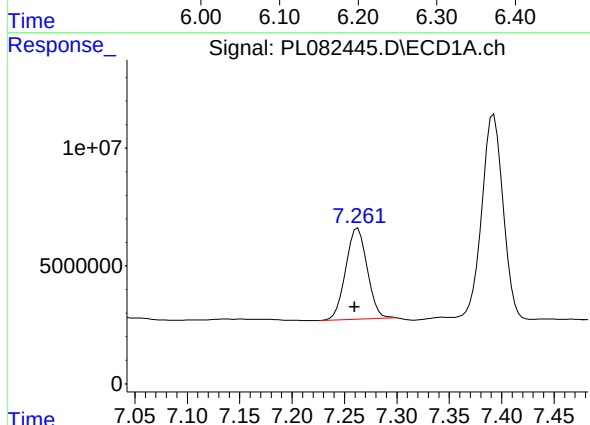
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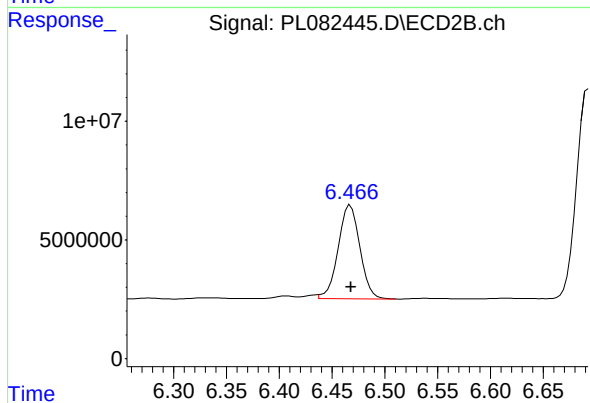
#19 Endosulfan Sulfate

R.T.: 6.187 min
Delta R.T.: -0.001 min
Response: 113270734
Conc: 48.11 ng/ml



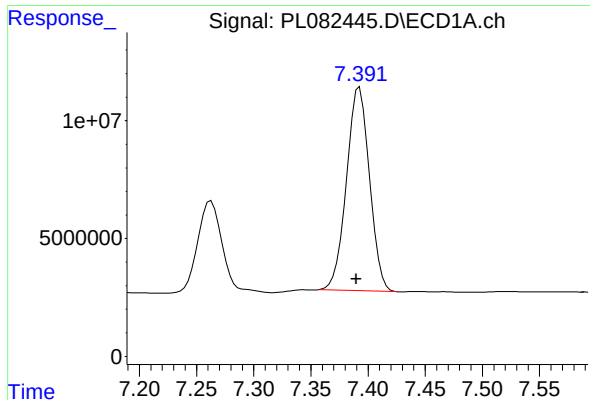
#20 Methoxychlor

R.T.: 7.263 min
Delta R.T.: 0.003 min
Response: 55508229
Conc: 45.49 ng/ml



#20 Methoxychlor

R.T.: 6.466 min
Delta R.T.: -0.002 min
Response: 56548737
Conc: 46.66 ng/ml m



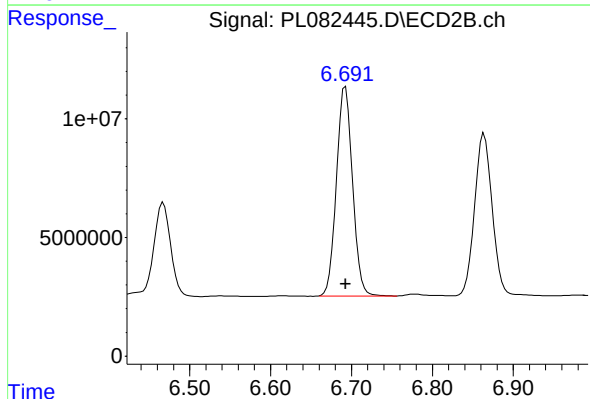
#21 Endrin ketone

R.T.: 7.393 min
Delta R.T.: 0.003 min
Response: 121528418
Conc: 50.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

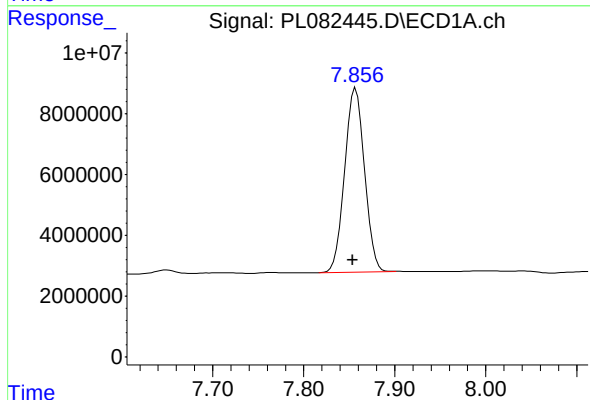
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Reviewed By :Abdul Mirza 05/04/2023
Supervised By :Ankita Jodhani 05/04/2023



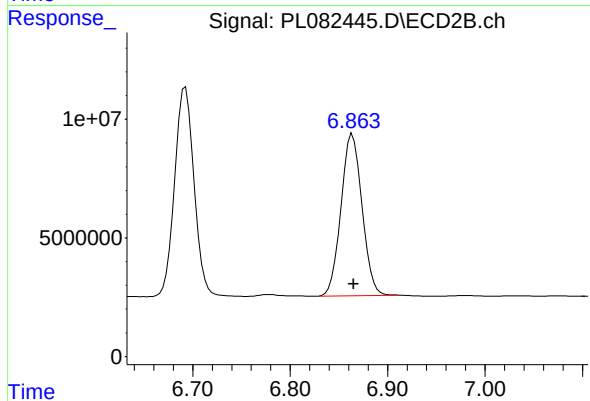
#21 Endrin ketone

R.T.: 6.692 min
Delta R.T.: 0.000 min
Response: 122048414
Conc: 48.08 ng/ml



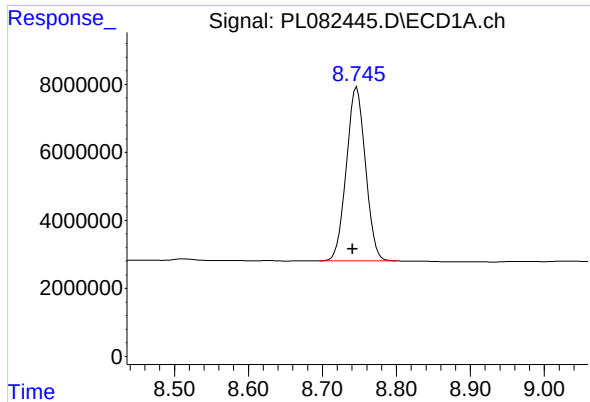
#22 Mirex

R.T.: 7.857 min
Delta R.T.: 0.003 min
Response: 92154755
Conc: 47.11 ng/ml



#22 Mirex

R.T.: 6.864 min
Delta R.T.: -0.001 min
Response: 101877384
Conc: 44.21 ng/ml



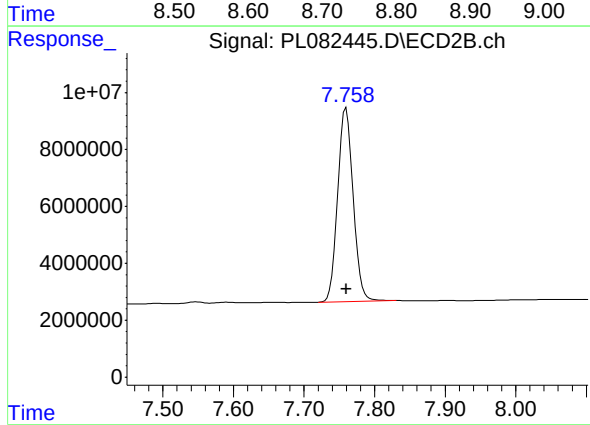
#28 Decachlorobiphenyl

R.T.: 8.746 min
Delta R.T.: 0.006 min
Response: 91627852
Conc: 48.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/04/2023
Supervised By :Ankita Jodhani 05/04/2023



#28 Decachlorobiphenyl

R.T.: 7.760 min
Delta R.T.: 0.000 min
Response: 103928571
Conc: 45.53 ng/ml