

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022323\
 Data File : PL081109.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Feb 2023 16:04
 Operator : AR\AJ
 Sample : 01663-01MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 WC-D2MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/24/2023
 Supervised By : Ankita Jodhani 02/24/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 23 19:14:29 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022023.M
 Quant Title : GC Extractables
 QLast Update : Mon Feb 20 18:06:39 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...	3.349	2.687	33435643	34237161	14.344m	14.878
28) SA Decachlor...	8.787	7.830	24081365	27514345	12.317	11.745
Target Compounds						
2) A alpha-BHC	3.798	3.187	143.0E6	129.0E6	40.566	38.523
3) MA gamma-BHC...	4.127	3.516	133.8E6	129.4E6	40.634	41.193
4) MA Heptachlor	4.710	3.855	140.1E6	132.9E6	42.598	40.545
5) MB Aldrin	5.049	4.134	130.4E6	122.3E6	43.364	39.800
6) B beta-BHC	4.323	3.811	59942452	54457110	40.108	40.476
7) B delta-BHC	4.566	4.041	131.8E6	118.7E6	41.060	39.286
8) B Heptachlo...	5.473	4.637	119.6E6	113.7E6	42.941	39.750
9) A Endosulfan I	5.855	5.006	110.4E6	103.5E6	42.545	38.836
10) B gamma-Chl...	5.728	4.887	136.8E6	135.3E6	48.989	46.462
11) B alpha-Chl...	5.807	4.951	135.4E6	128.9E6	48.815	44.152
12) B 4,4'-DDE	5.986	5.143	116.3E6	122.0E6	46.988	51.108
13) MA Dieldrin	6.129	5.270	111.4E6	118.6E6	42.053	43.046
14) MA Endrin	6.357	5.545	94117643	110.9E6	39.755	44.857
15) B Endosulfa...	6.575	5.839	86539549	94550105	38.983	41.815
16) A 4,4'-DDD	6.499	5.697	92923819	84073754	45.941	44.168
17) MA 4,4'-DDT	6.812	5.949	163.7E6	161.3E6	72.451	74.407
18) B Endrin al...	6.705	6.019	74489017	74328130	40.965	40.283
19) B Endosulfa...	6.939	6.242	95280796	96154678	41.372	40.568
20) A Methoxychlor	7.291	6.526	51334830	54515983	41.835	45.420
21) B Endrin ke...	7.419	6.747	99356644	101.4E6	41.721	38.734
22) Mirex	7.891	6.929	79572990	87923227	42.532	37.800

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022323\
Data File : PL081109.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Feb 2023 16:04
Operator : AR\AJ
Sample : 01663-01MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

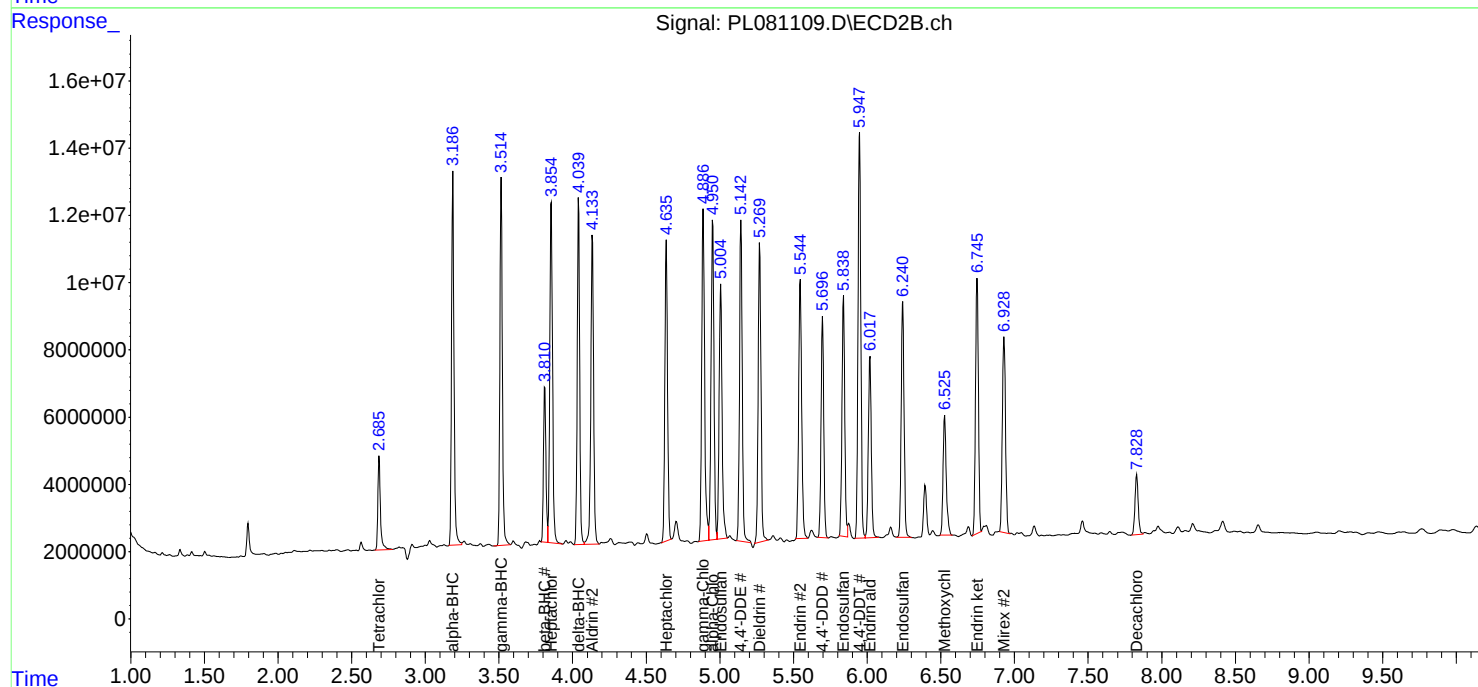
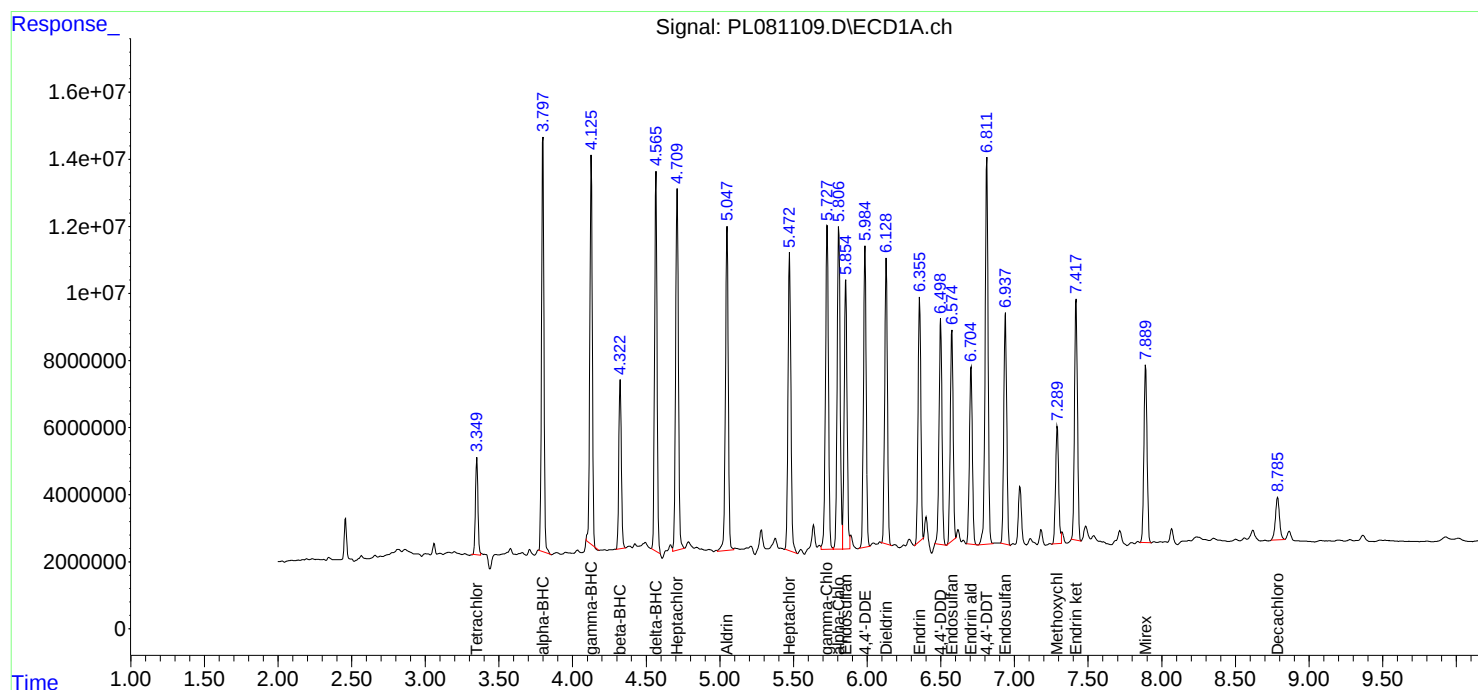
Instrument :
ECD_L
ClientSampleId :
WC-D2MS

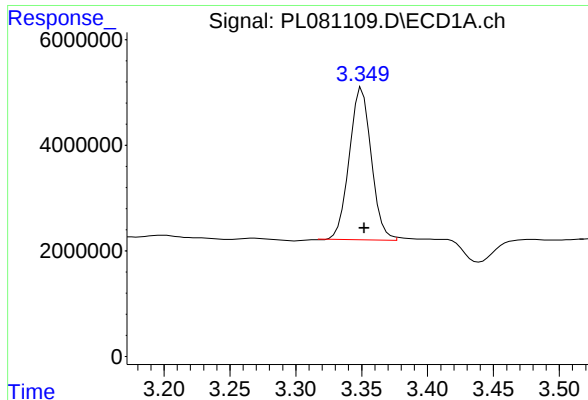
Manual Integrations
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Reviewed By :Abdul Mirza 02/24/2023
Supervised By :Ankita Jodhani 02/24/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 23 19:14:29 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022023.M
Quant Title : GC Extractables
QLast Update : Mon Feb 20 18:06:39 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





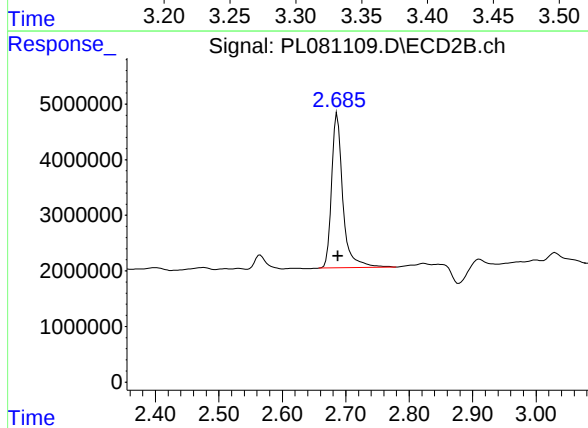
#1 Tetrachloro-m-xylene

R.T.: 3.349 min
Delta R.T.: -0.003 min
Response: 33435643
Conc: 14.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-D2MS

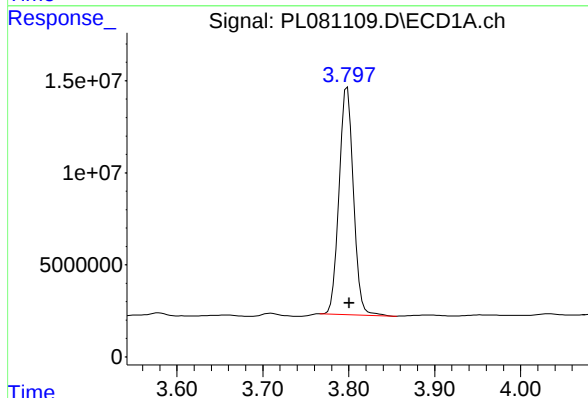
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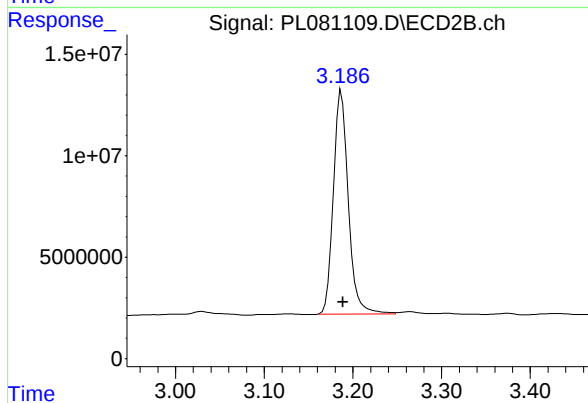
#1 Tetrachloro-m-xylene

R.T.: 2.687 min
Delta R.T.: -0.001 min
Response: 34237161
Conc: 14.88 ng/ml



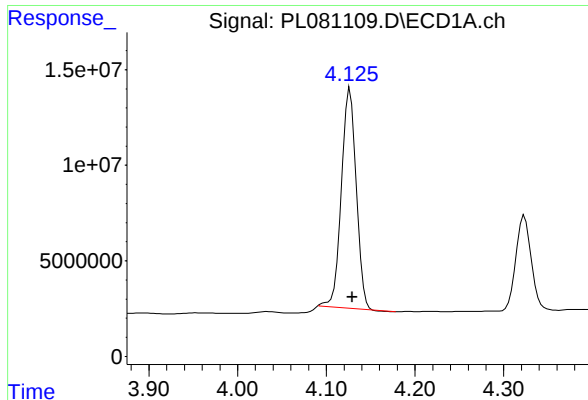
#2 alpha-BHC

R.T.: 3.798 min
Delta R.T.: -0.002 min
Response: 142967042
Conc: 40.57 ng/ml



#2 alpha-BHC

R.T.: 3.187 min
Delta R.T.: -0.002 min
Response: 129012989
Conc: 38.52 ng/ml



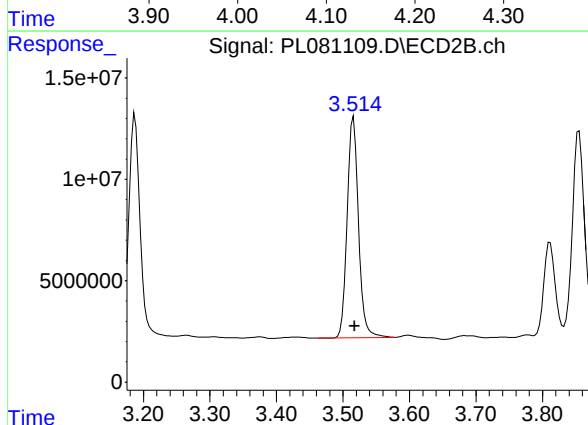
#3 gamma-BHC (Lindane)

R.T.: 4.127 min
Delta R.T.: -0.003 min
Response: 133832114
Conc: 40.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-D2MS

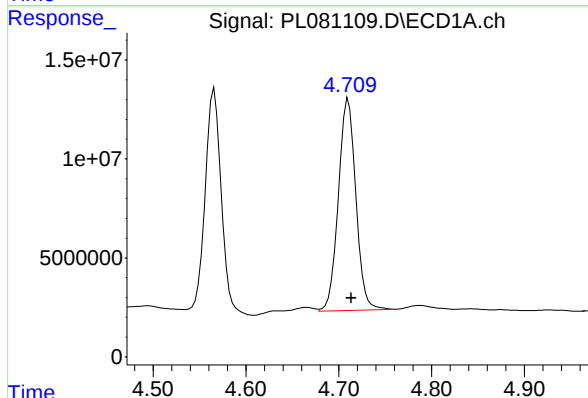
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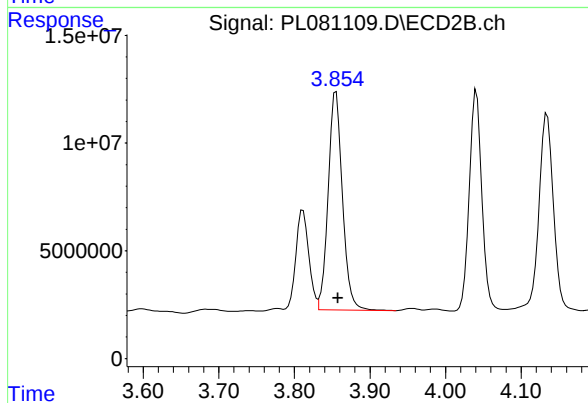
#3 gamma-BHC (Lindane)

R.T.: 3.516 min
Delta R.T.: -0.002 min
Response: 129390743
Conc: 41.19 ng/ml



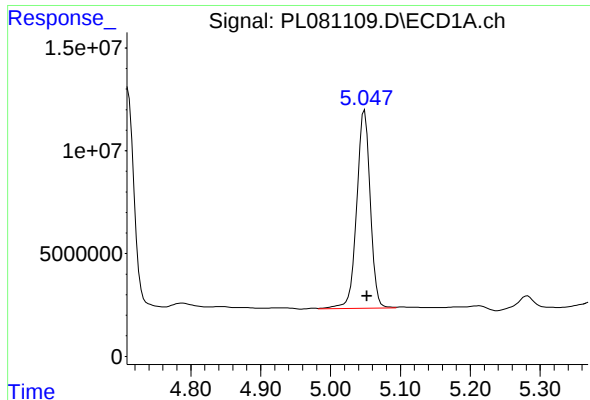
#4 Heptachlor

R.T.: 4.710 min
Delta R.T.: -0.003 min
Response: 140086197
Conc: 42.60 ng/ml



#4 Heptachlor

R.T.: 3.855 min
Delta R.T.: -0.003 min
Response: 132928006
Conc: 40.55 ng/ml



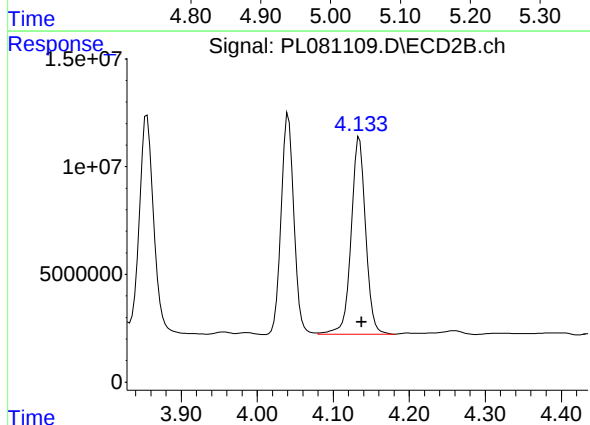
#5 Aldrin

R.T.: 5.049 min
Delta R.T.: -0.004 min
Response: 130448927
Conc: 43.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-D2MS

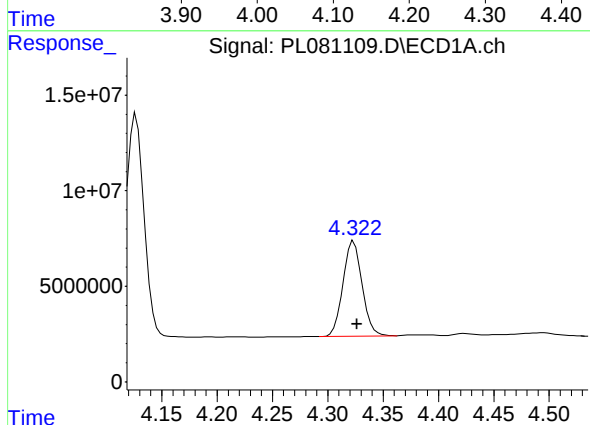
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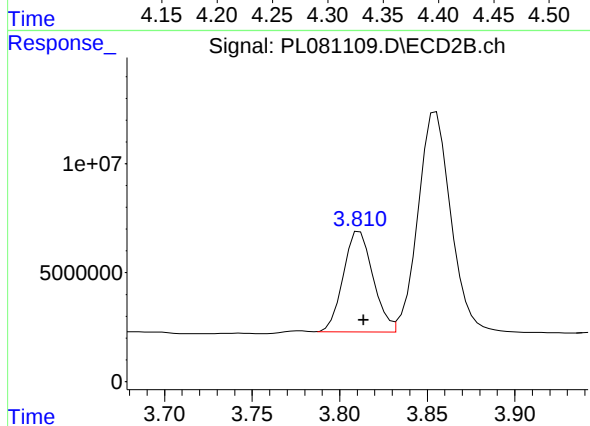
#5 Aldrin

R.T.: 4.134 min
Delta R.T.: -0.003 min
Response: 122325509
Conc: 39.80 ng/ml



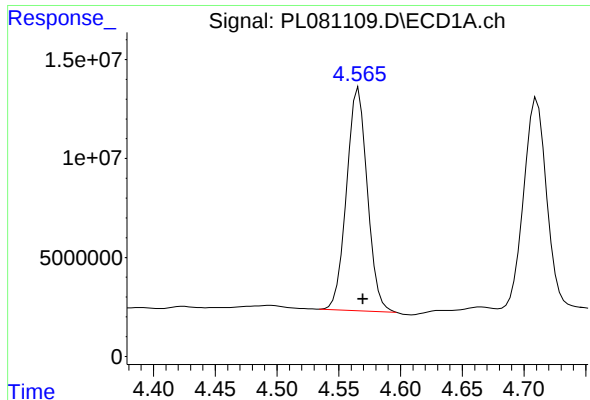
#6 beta-BHC

R.T.: 4.323 min
Delta R.T.: -0.003 min
Response: 59942452
Conc: 40.11 ng/ml



#6 beta-BHC

R.T.: 3.811 min
Delta R.T.: -0.002 min
Response: 54457110
Conc: 40.48 ng/ml



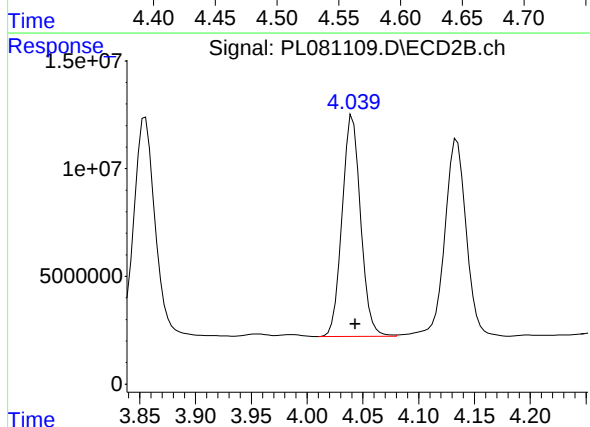
#7 delta-BHC

R.T.: 4.566 min
Delta R.T.: -0.003 min
Response: 131839406
Conc: 41.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-D2MS

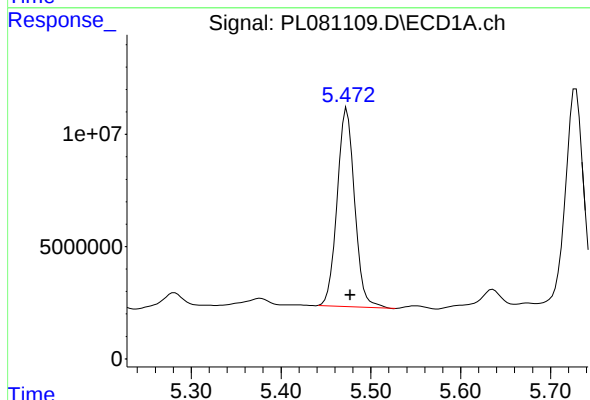
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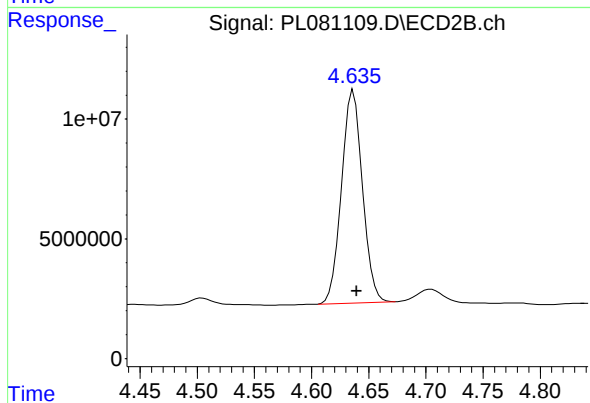
#7 delta-BHC

R.T.: 4.041 min
Delta R.T.: -0.002 min
Response: 118694945
Conc: 39.29 ng/ml



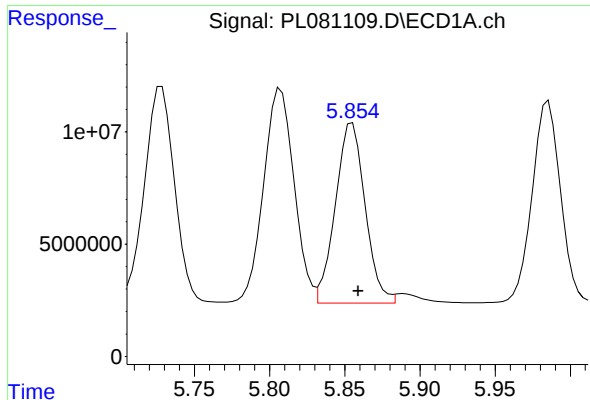
#8 Heptachlor epoxide

R.T.: 5.473 min
Delta R.T.: -0.004 min
Response: 119573578
Conc: 42.94 ng/ml



#8 Heptachlor epoxide

R.T.: 4.637 min
Delta R.T.: -0.003 min
Response: 113735246
Conc: 39.75 ng/ml



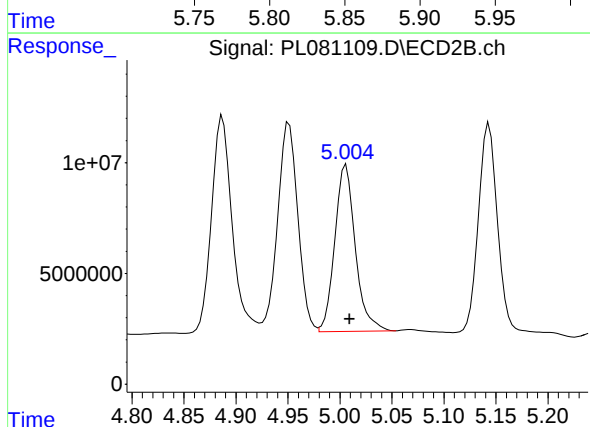
#9 Endosulfan I

R.T.: 5.855 min
Delta R.T.: -0.004 min
Response: 110391750
Conc: 42.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-D2MS

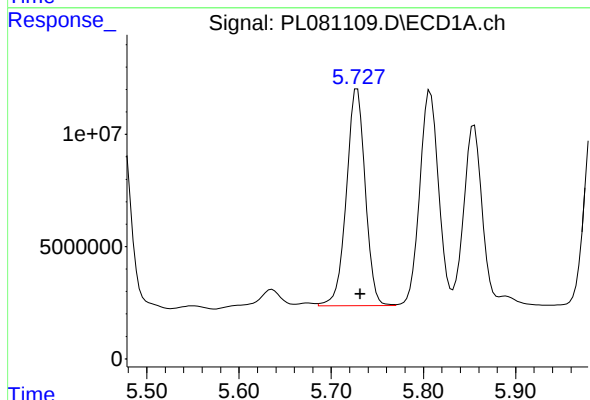
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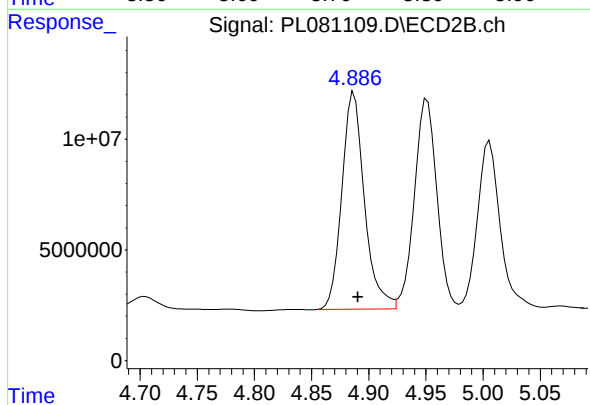
#9 Endosulfan I

R.T.: 5.006 min
Delta R.T.: -0.004 min
Response: 103511345
Conc: 38.84 ng/ml



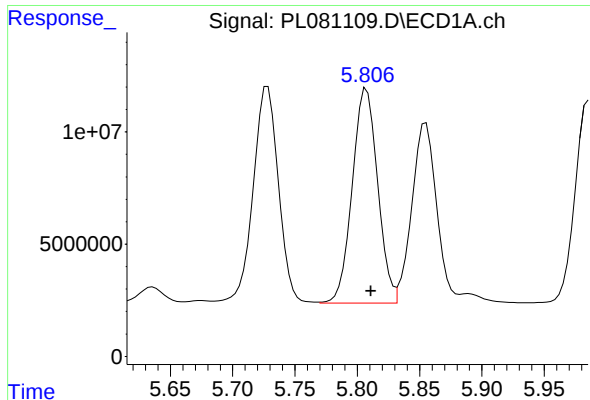
#10 gamma-Chlordane

R.T.: 5.728 min
Delta R.T.: -0.003 min
Response: 136846386
Conc: 48.99 ng/ml



#10 gamma-Chlordane

R.T.: 4.887 min
Delta R.T.: -0.004 min
Response: 135305828
Conc: 46.46 ng/ml



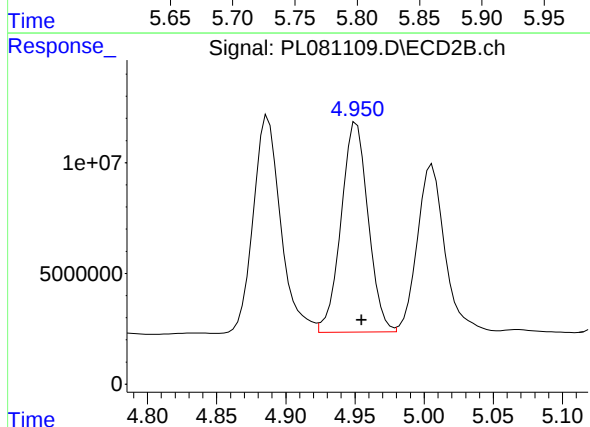
#11 alpha-Chlordane

R.T.: 5.807 min
Delta R.T.: -0.004 min
Response: 135445014
Conc: 48.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-D2MS

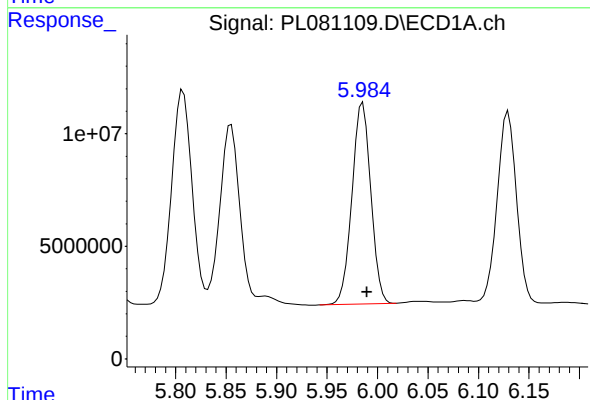
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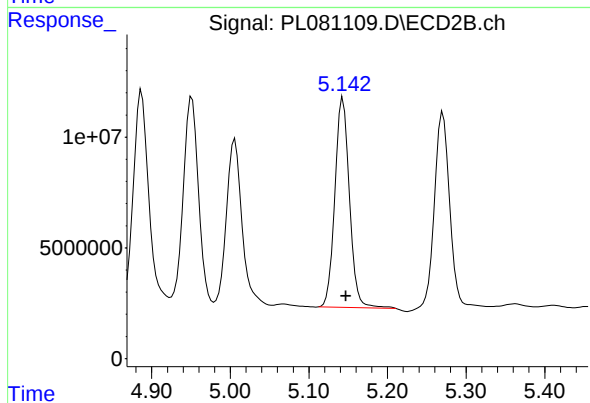
#11 alpha-Chlordane

R.T.: 4.951 min
Delta R.T.: -0.004 min
Response: 128904954
Conc: 44.15 ng/ml



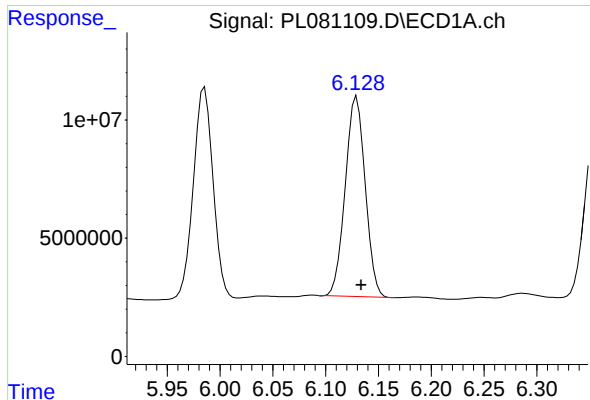
#12 4,4'-DDE

R.T.: 5.986 min
Delta R.T.: -0.004 min
Response: 116307884
Conc: 46.99 ng/ml



#12 4,4'-DDE

R.T.: 5.143 min
Delta R.T.: -0.004 min
Response: 121996043
Conc: 51.11 ng/ml



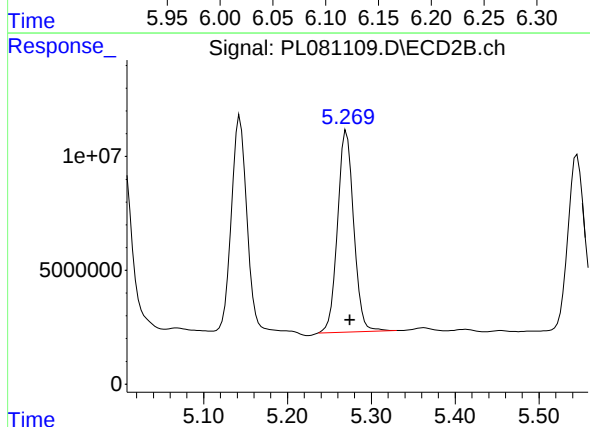
#13 Dieldrin

R.T.: 6.129 min
Delta R.T.: -0.004 min
Response: 111363586
Conc: 42.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-D2MS

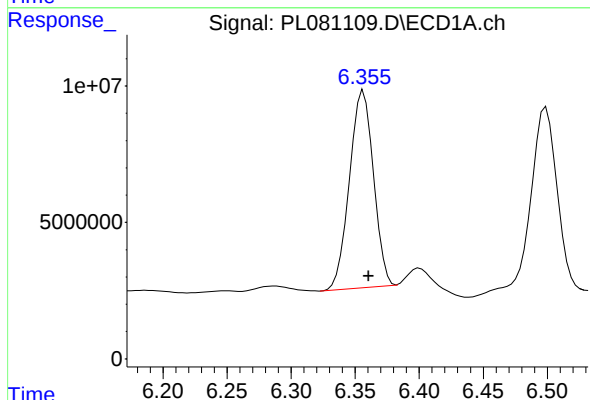
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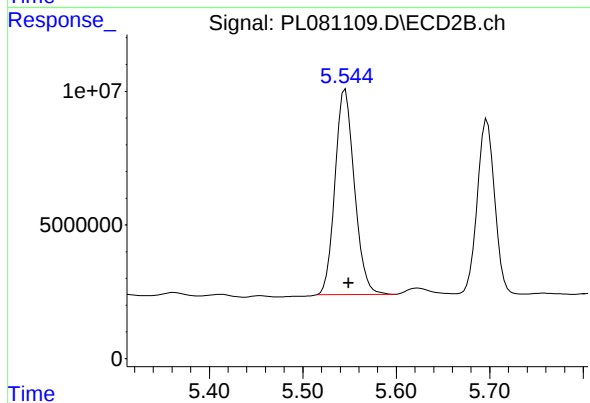
#13 Dieldrin

R.T.: 5.270 min
Delta R.T.: -0.004 min
Response: 118566430
Conc: 43.05 ng/ml



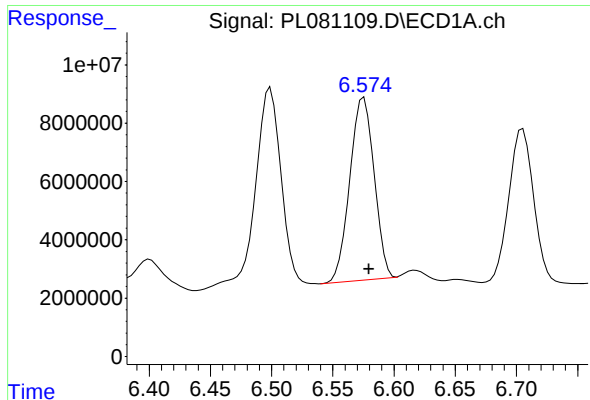
#14 Endrin

R.T.: 6.357 min
Delta R.T.: -0.004 min
Response: 94117643
Conc: 39.75 ng/ml



#14 Endrin

R.T.: 5.545 min
Delta R.T.: -0.003 min
Response: 110911794
Conc: 44.86 ng/ml



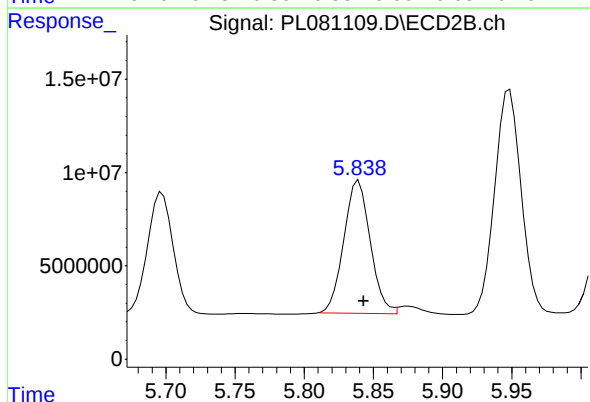
#15 Endosulfan II

R.T.: 6.575 min
Delta R.T.: -0.004 min
Response: 86539549
Conc: 38.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-D2MS

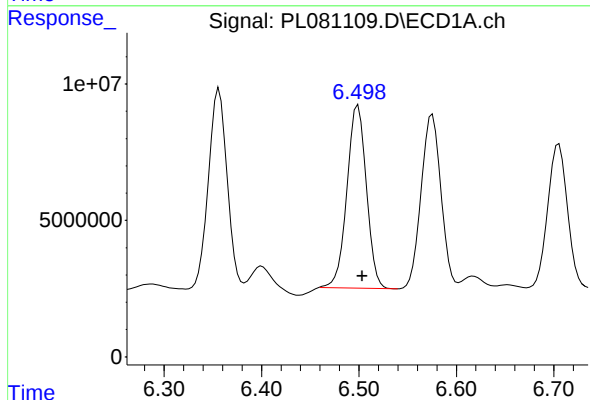
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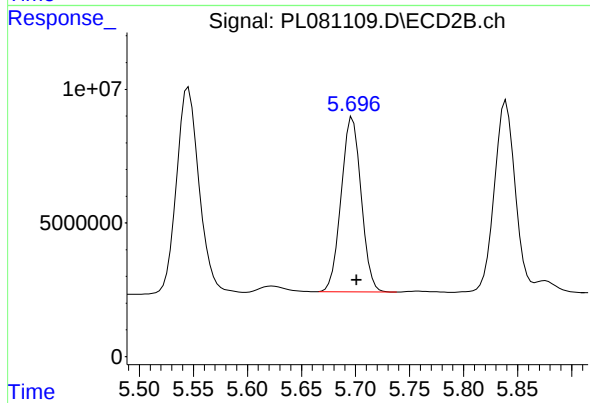
#15 Endosulfan II

R.T.: 5.839 min
Delta R.T.: -0.004 min
Response: 94550105
Conc: 41.81 ng/ml



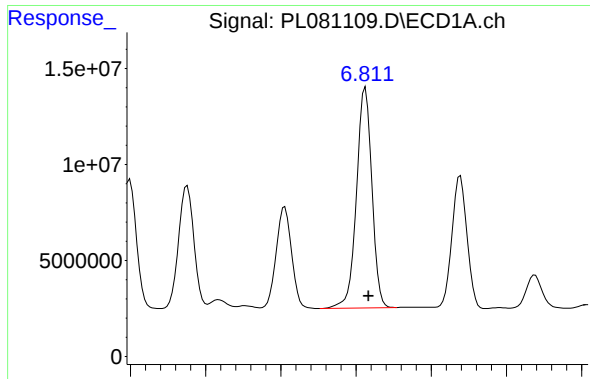
#16 4,4'-DDD

R.T.: 6.499 min
Delta R.T.: -0.004 min
Response: 92923819
Conc: 45.94 ng/ml



#16 4,4'-DDD

R.T.: 5.697 min
Delta R.T.: -0.004 min
Response: 84073754
Conc: 44.17 ng/ml



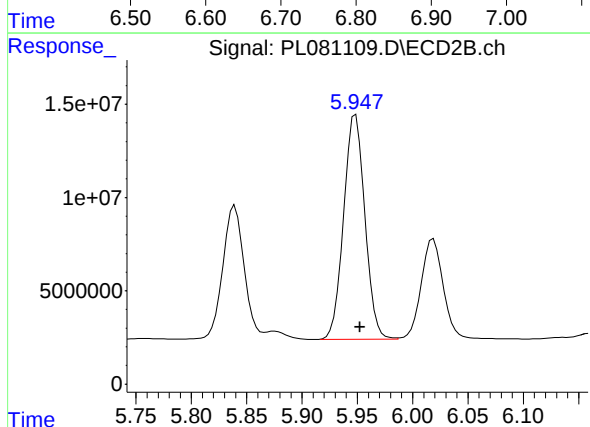
#17 4,4'-DDT

R.T.: 6.812 min
Delta R.T.: -0.004 min
Response: 163694791
Conc: 72.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-D2MS

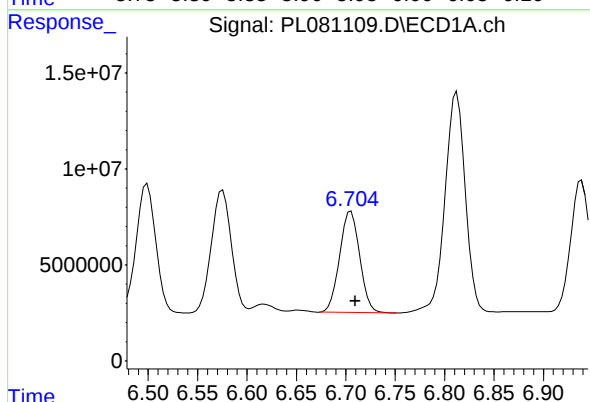
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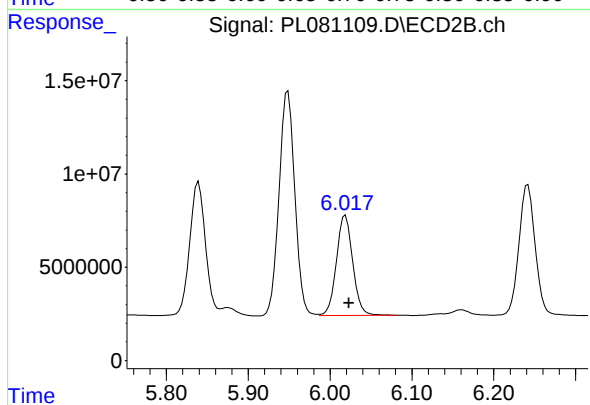
#17 4,4'-DDT

R.T.: 5.949 min
Delta R.T.: -0.004 min
Response: 161321671
Conc: 74.41 ng/ml



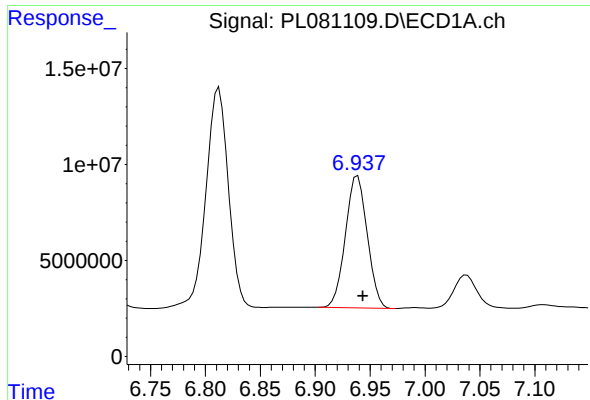
#18 Endrin aldehyde

R.T.: 6.705 min
Delta R.T.: -0.004 min
Response: 74489017
Conc: 40.97 ng/ml



#18 Endrin aldehyde

R.T.: 6.019 min
Delta R.T.: -0.004 min
Response: 74328130
Conc: 40.28 ng/ml



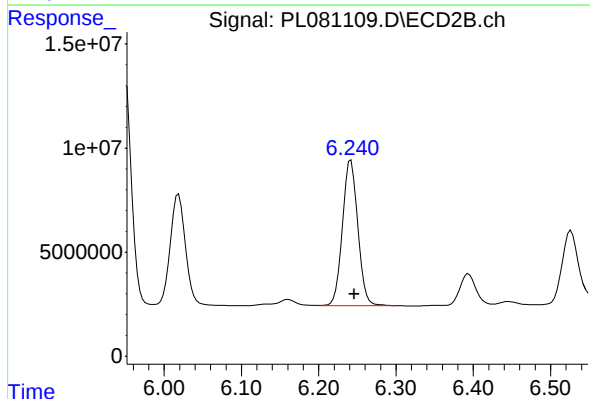
#19 Endosulfan Sulfate

R.T.: 6.939 min
Delta R.T.: -0.005 min
Response: 95280796
Conc: 41.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-D2MS

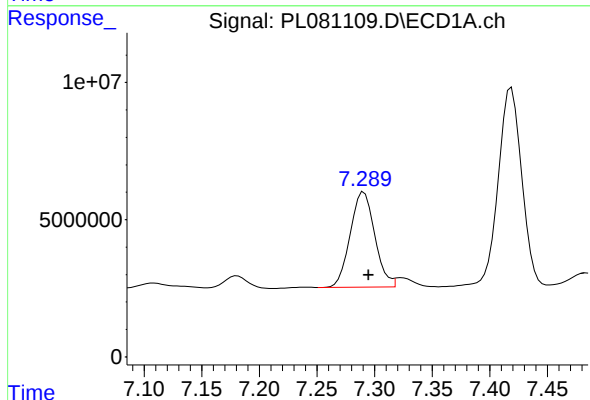
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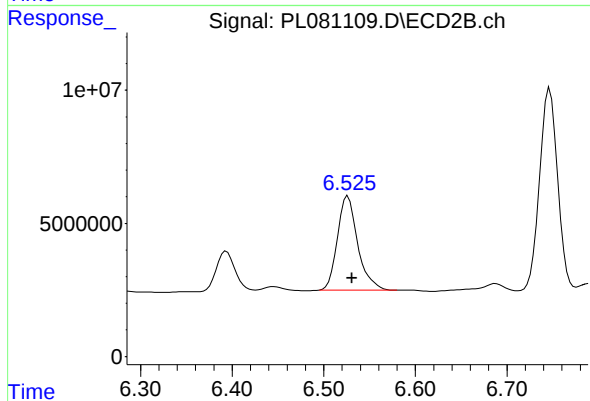
#19 Endosulfan Sulfate

R.T.: 6.242 min
Delta R.T.: -0.004 min
Response: 96154678
Conc: 40.57 ng/ml



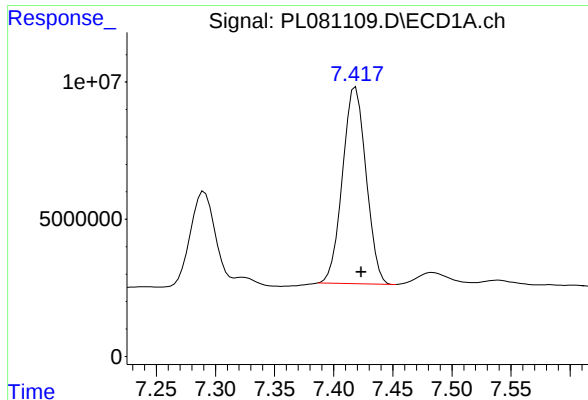
#20 Methoxychlor

R.T.: 7.291 min
Delta R.T.: -0.004 min
Response: 51334830
Conc: 41.83 ng/ml



#20 Methoxychlor

R.T.: 6.526 min
Delta R.T.: -0.004 min
Response: 54515983
Conc: 45.42 ng/ml



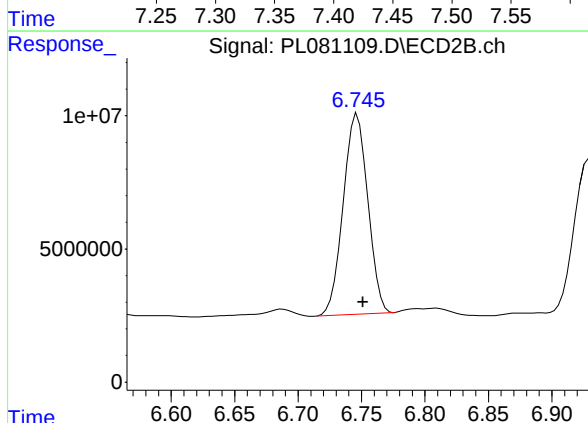
#21 Endrin ketone

R.T.: 7.419 min
Delta R.T.: -0.005 min
Response: 99356644
Conc: 41.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-D2MS

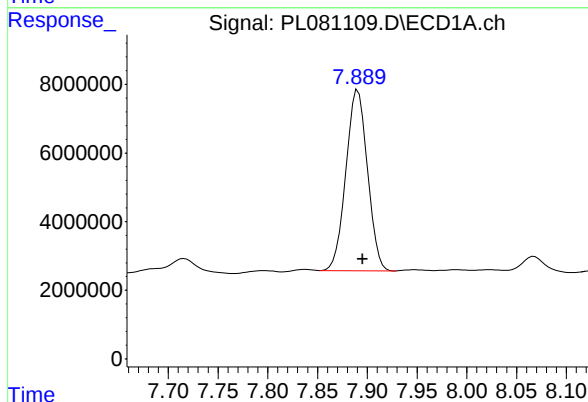
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/24/2023
Supervised By :Ankita Jodhani 02/24/2023



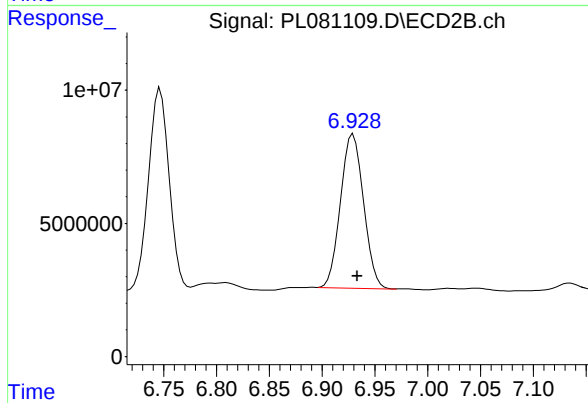
#21 Endrin ketone

R.T.: 6.747 min
Delta R.T.: -0.004 min
Response: 101417619
Conc: 38.73 ng/ml



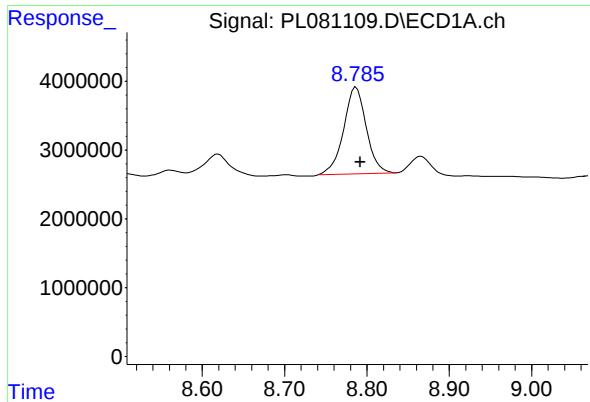
#22 Mirex

R.T.: 7.891 min
Delta R.T.: -0.004 min
Response: 79572990
Conc: 42.53 ng/ml



#22 Mirex

R.T.: 6.929 min
Delta R.T.: -0.004 min
Response: 87923227
Conc: 37.80 ng/ml



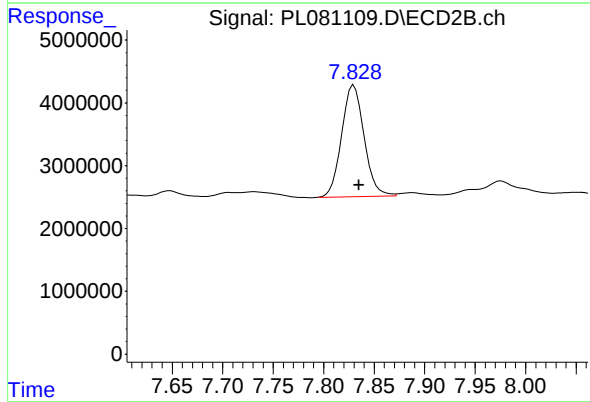
#28 Decachlorobiphenyl

R.T.: 8.787 min
Delta R.T.: -0.005 min
Response: 24081365
Conc: 12.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-D2MS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.830 min
Delta R.T.: -0.005 min
Response: 27514345
Conc: 11.74 ng/ml