

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032823\
 Data File : PL081750.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Mar 2023 13:51
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/29/2023
 Supervised By :Ankita Jodhani 03/29/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 28 20:59:23 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032223.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 23 01:07:33 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...	3.331	2.658	120.0E6	99264818	51.608	49.728
28)	SA Decachlor...	8.757	7.778	80126986	101.2E6	44.773	51.013
Target Compounds							
2)	A alpha-BHC	3.780	3.157	182.9E6	147.3E6	53.350	50.515
3)	MA gamma-BHC...	4.109	3.485	168.2E6	139.5E6	52.953	50.096
4)	MA Heptachlor	4.689	3.819	160.0E6	146.2E6	50.764	50.979
5)	MB Aldrin	5.026	4.096	145.2E6	134.6E6	50.767	50.498
6)	B beta-BHC	4.312	3.785	73369656	59152425	48.748	49.667
7)	B delta-BHC	4.553	4.011	157.2E6	134.5E6	51.731	51.994
8)	B Heptachlo...	5.452	4.599	133.5E6	124.3E6	49.093	51.176
9)	A Endosulfan I	5.833	4.966	119.0E6	114.4E6	48.158	51.800
10)	B gamma-Chl...	5.707	4.847	129.0E6	125.9E6	49.151	51.817
11)	B alpha-Chl...	5.785	4.911	127.2E6	124.9E6	49.129	51.420
12)	B 4,4'-DDE	5.963	5.101	112.3E6	106.8E6	49.824	54.232
13)	MA Dieldrin	6.108	5.231	119.0E6	117.3E6	49.172	52.139
14)	MA Endrin	6.335	5.506	105.7E6	105.0E6	49.987	51.893
15)	B Endosulfa...	6.557	5.800	96382114	94420662	45.418	52.050m
16)	A 4,4'-DDD	6.477	5.656	93337676	82049692	51.754m	54.068
17)	MA 4,4'-DDT	6.790	5.905	97529842	93701610	48.053	54.374
18)	B Endrin al...	6.687	5.982	78916538	77240806	48.234	49.737
19)	B Endosulfa...	6.921	6.205	100.7E6	100.8E6	48.336	51.806
20)	A Methoxychlor	7.271	6.485	51933773	53425348	48.226	53.638
21)	B Endrin ke...	7.401	6.711	102.5E6	111.4E6	48.912	52.139
22)	Mirex	7.867	6.883	80031187	94790220	46.712	49.377

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032823\
Data File : PL081750.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Mar 2023 13:51
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

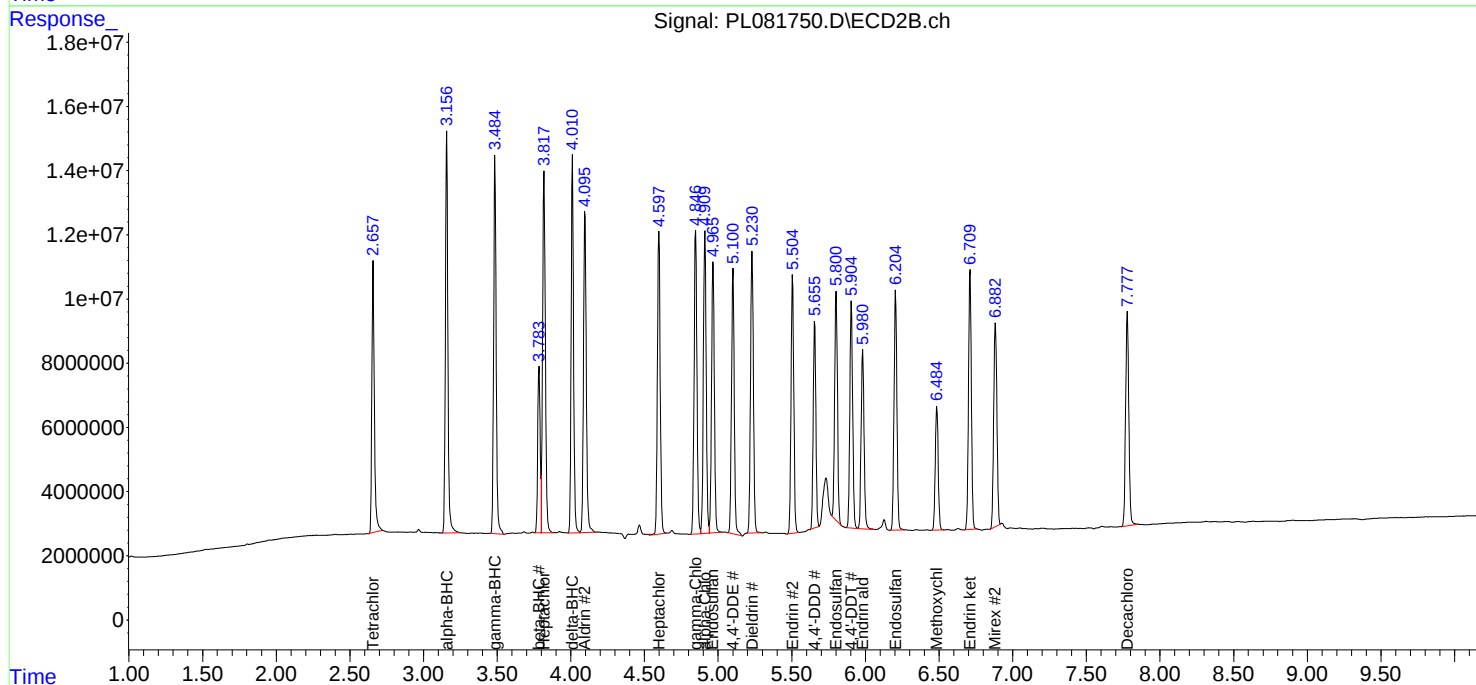
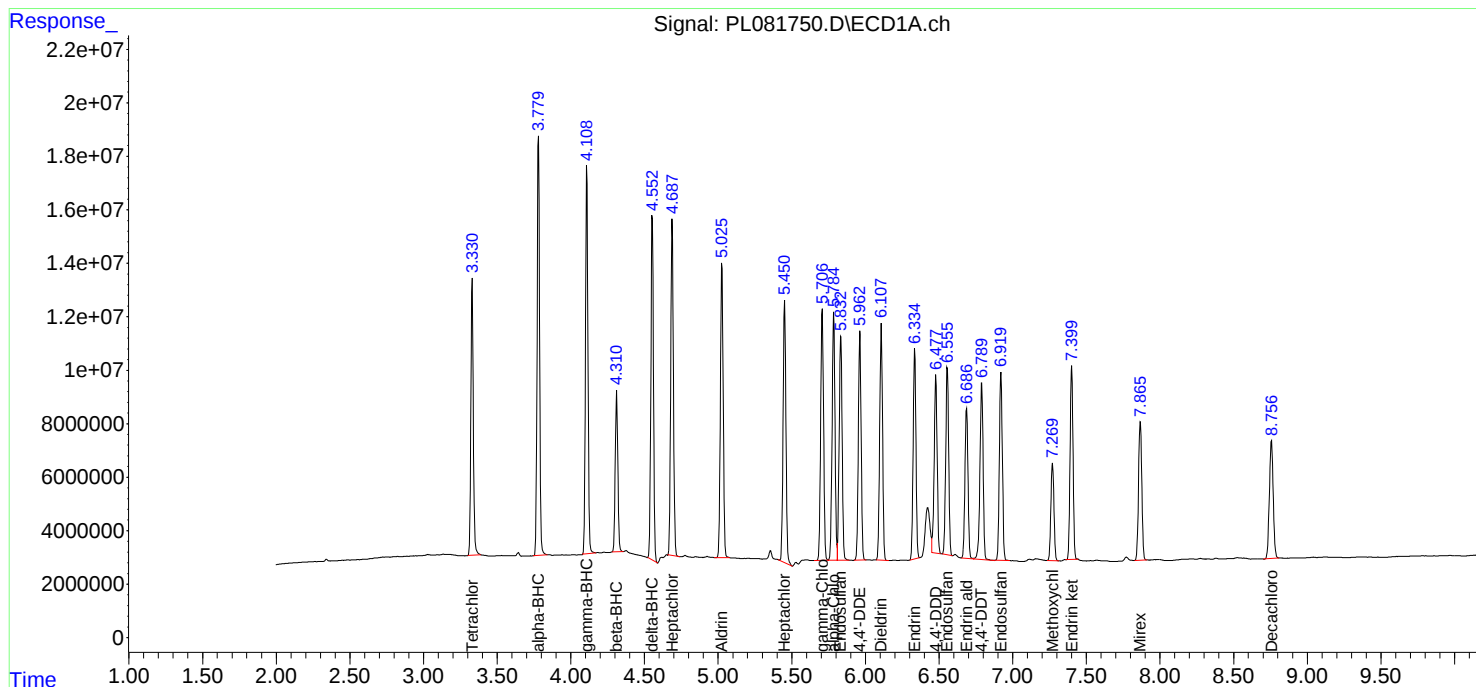
APPROVED

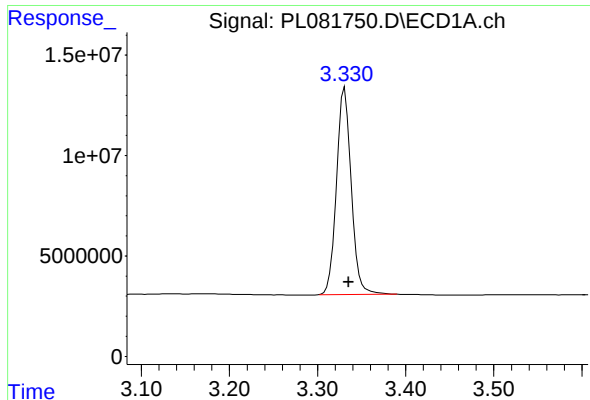
Reviewed By :Abdul Mirza 03/29/2023

Supervised By :Ankita Jodhani 03/29/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 28 20:59:23 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032223.M
Quant Title : GC Extractables
QLast Update : Thu Mar 23 01:07:33 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





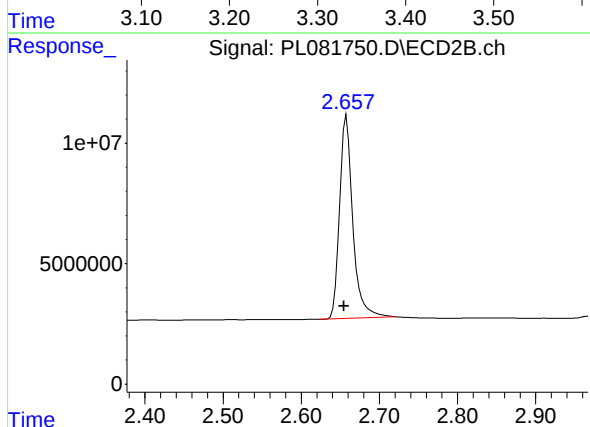
#1 Tetrachloro-m-xylene

R.T.: 3.331 min
Delta R.T.: -0.004 min
Response: 120034580
Conc: 51.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

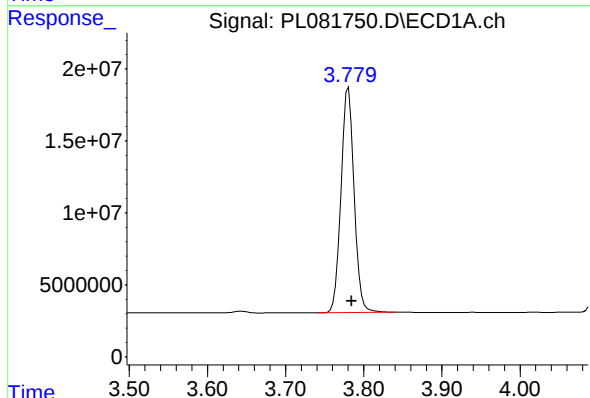
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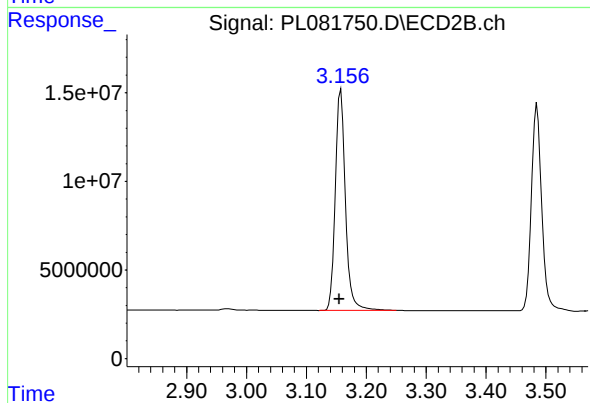
#1 Tetrachloro-m-xylene

R.T.: 2.658 min
Delta R.T.: 0.003 min
Response: 99264818
Conc: 49.73 ng/ml



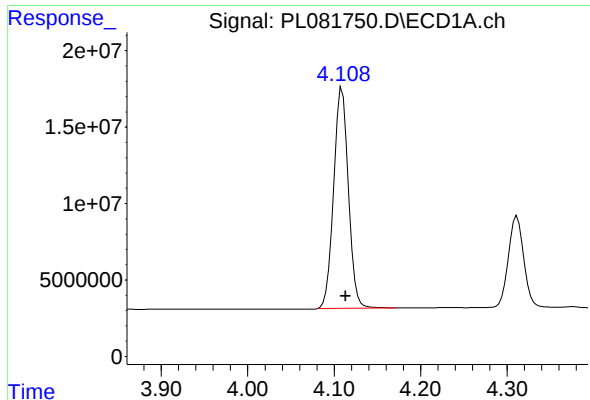
#2 alpha-BHC

R.T.: 3.780 min
Delta R.T.: -0.004 min
Response: 182904027
Conc: 53.35 ng/ml



#2 alpha-BHC

R.T.: 3.157 min
Delta R.T.: 0.003 min
Response: 147250711
Conc: 50.51 ng/ml



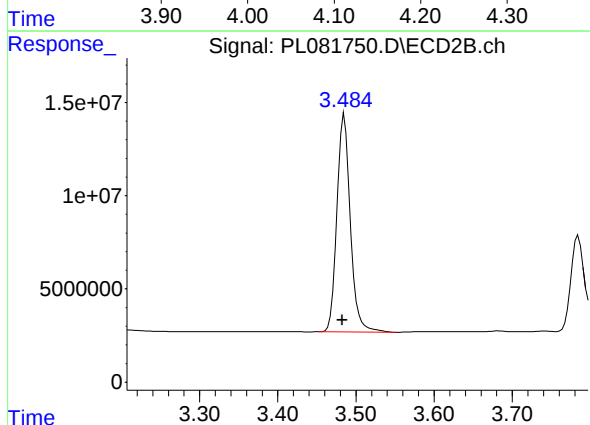
#3 gamma-BHC (Lindane)

R.T.: 4.109 min
Delta R.T.: -0.004 min
Response: 168223722
Conc: 52.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

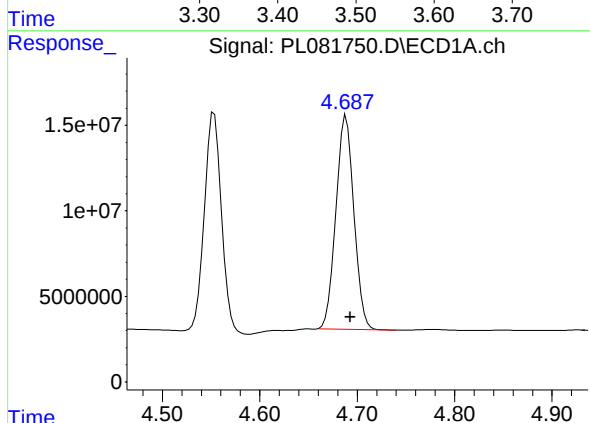
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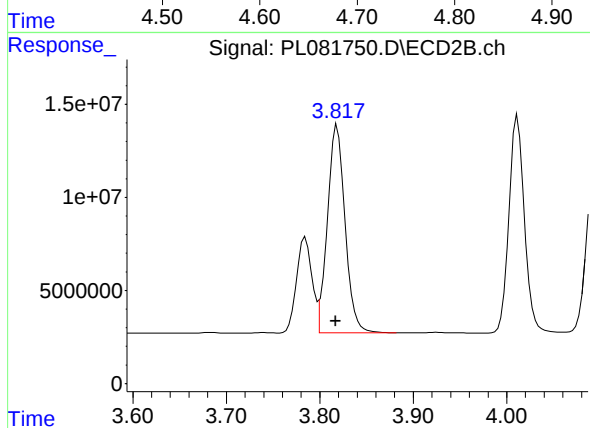
#3 gamma-BHC (Lindane)

R.T.: 3.485 min
Delta R.T.: 0.002 min
Response: 139478184
Conc: 50.10 ng/ml



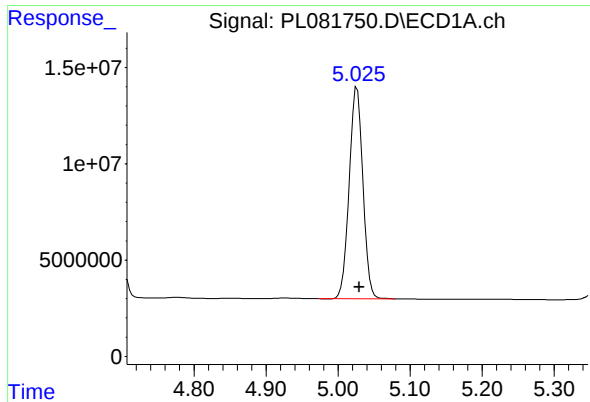
#4 Heptachlor

R.T.: 4.689 min
Delta R.T.: -0.005 min
Response: 160016983
Conc: 50.76 ng/ml



#4 Heptachlor

R.T.: 3.819 min
Delta R.T.: 0.002 min
Response: 146155610
Conc: 50.98 ng/ml



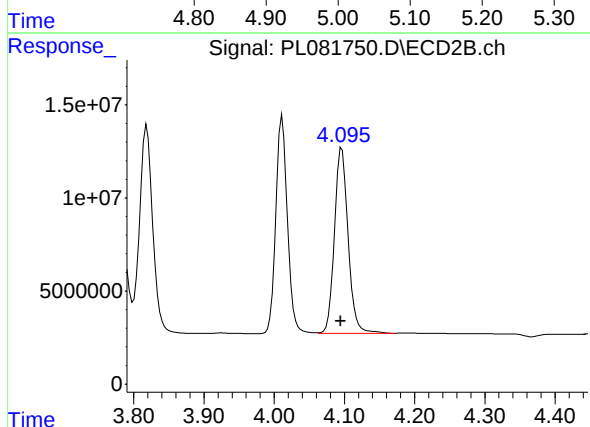
#5 Aldrin

R.T.: 5.026 min
Delta R.T.: -0.004 min
Response: 145207878
Conc: 50.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

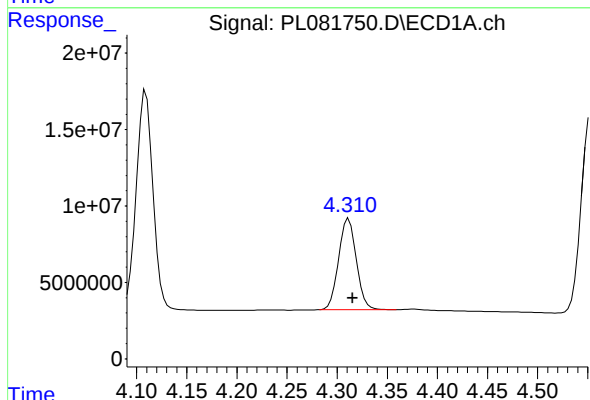
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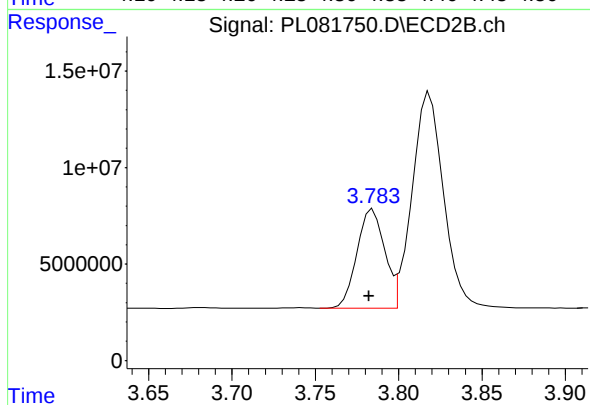
#5 Aldrin

R.T.: 4.096 min
Delta R.T.: 0.002 min
Response: 134550058
Conc: 50.50 ng/ml



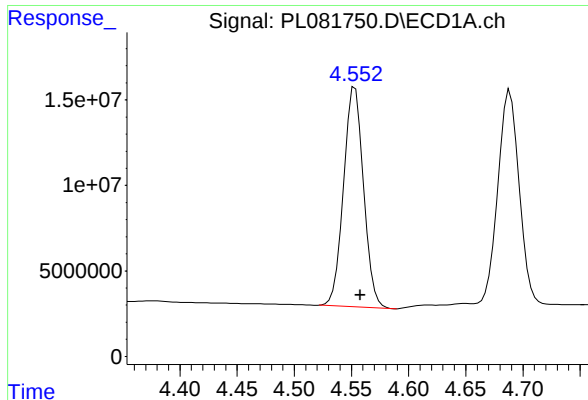
#6 beta-BHC

R.T.: 4.312 min
Delta R.T.: -0.004 min
Response: 73369656
Conc: 48.75 ng/ml



#6 beta-BHC

R.T.: 3.785 min
Delta R.T.: 0.002 min
Response: 59152425
Conc: 49.67 ng/ml



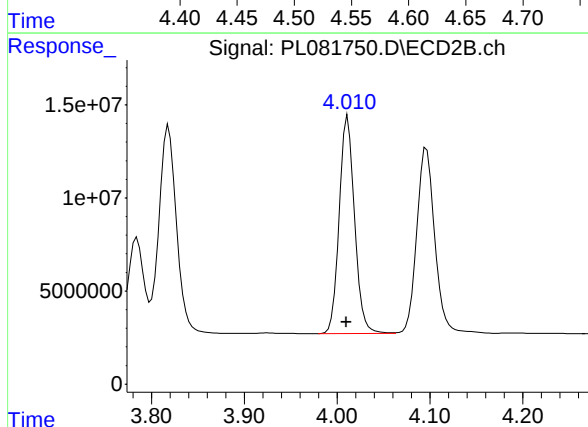
#7 delta-BHC

R.T.: 4.553 min
Delta R.T.: -0.005 min
Response: 157221072
Conc: 51.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

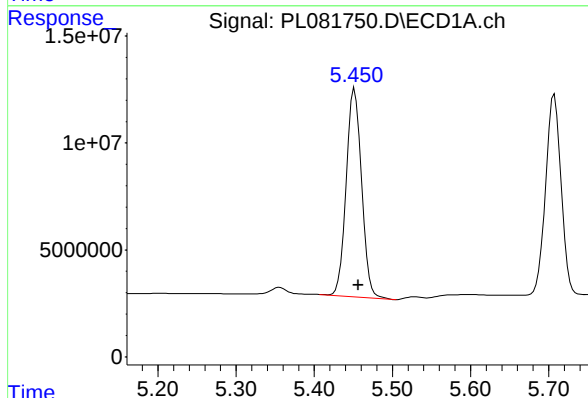
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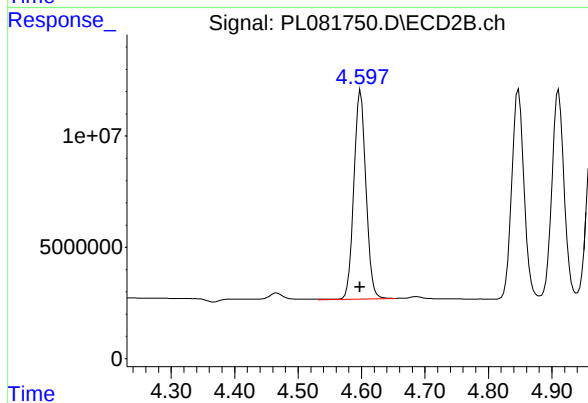
#7 delta-BHC

R.T.: 4.011 min
Delta R.T.: 0.002 min
Response: 134461842
Conc: 51.99 ng/ml



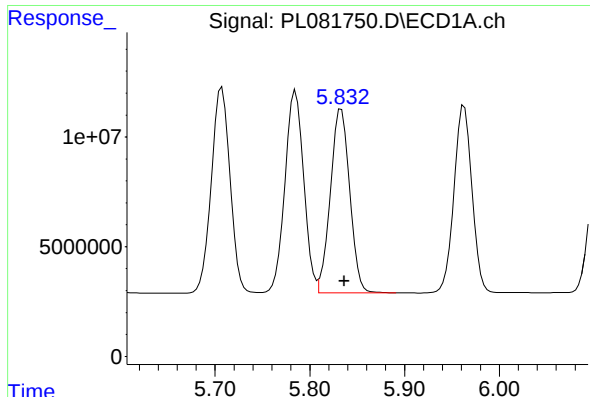
#8 Heptachlor epoxide

R.T.: 5.452 min
Delta R.T.: -0.005 min
Response: 133534458
Conc: 49.09 ng/ml



#8 Heptachlor epoxide

R.T.: 4.599 min
Delta R.T.: 0.000 min
Response: 124293125
Conc: 51.18 ng/ml



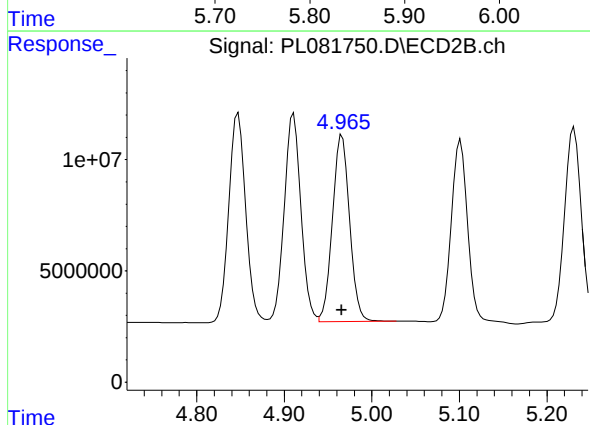
#9 Endosulfan I

R.T.: 5.833 min
Delta R.T.: -0.003 min
Response: 118989079
Conc: 48.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

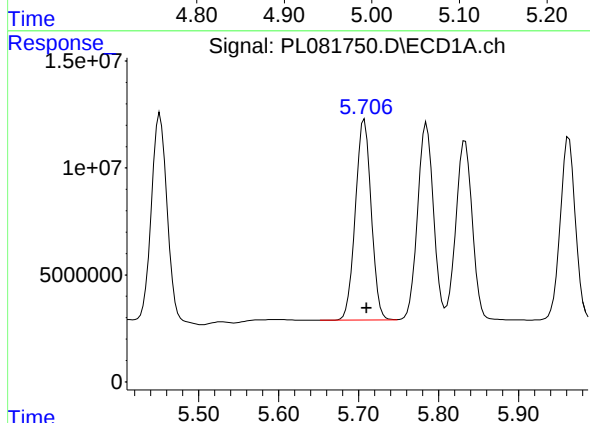
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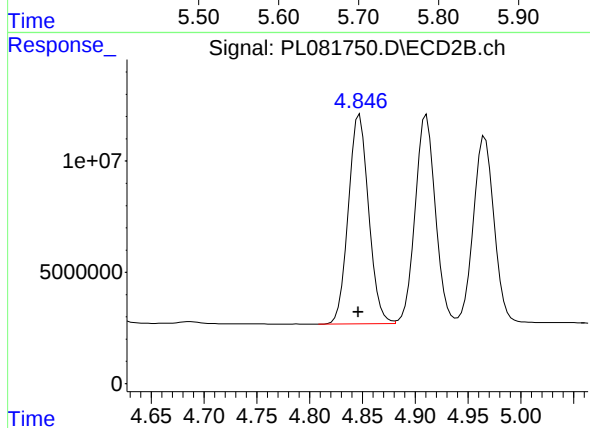
#9 Endosulfan I

R.T.: 4.966 min
Delta R.T.: 0.000 min
Response: 114361014
Conc: 51.80 ng/ml



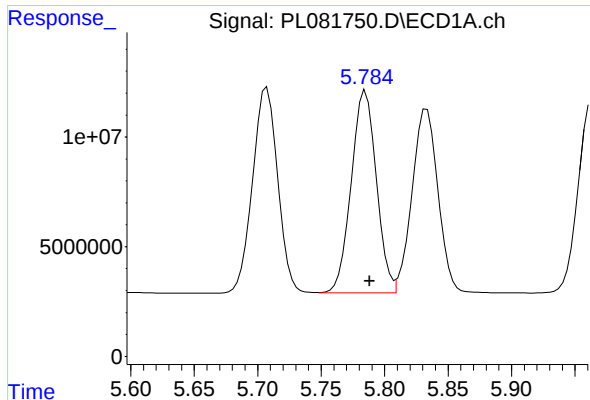
#10 gamma-Chlordane

R.T.: 5.707 min
Delta R.T.: -0.003 min
Response: 129032740
Conc: 49.15 ng/ml



#10 gamma-Chlordane

R.T.: 4.847 min
Delta R.T.: 0.001 min
Response: 125934533
Conc: 51.82 ng/ml



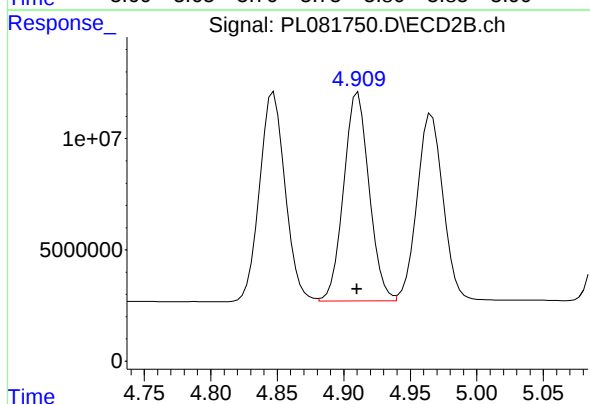
#11 alpha-Chlordane

R.T.: 5.785 min
Delta R.T.: -0.003 min
Response: 127166048
Conc: 49.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

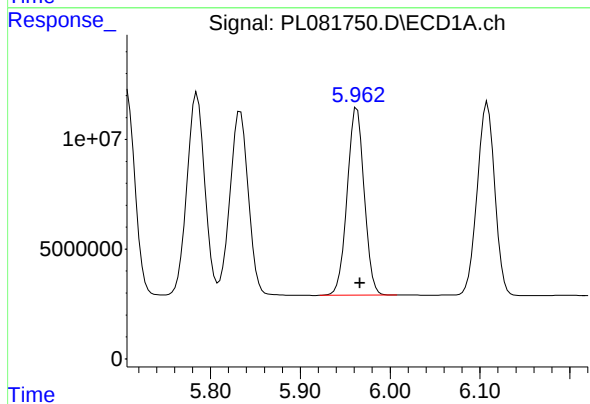
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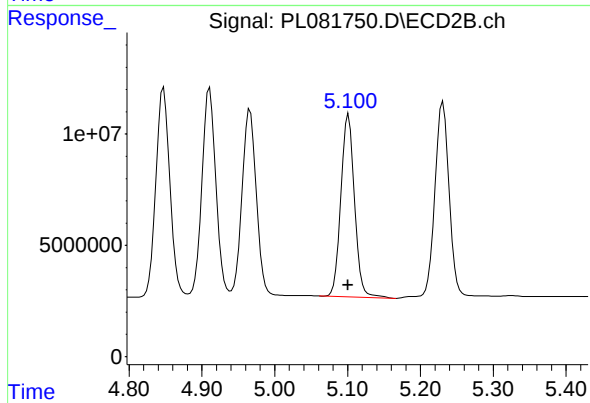
#11 alpha-Chlordane

R.T.: 4.911 min
Delta R.T.: 0.000 min
Response: 124895244
Conc: 51.42 ng/ml



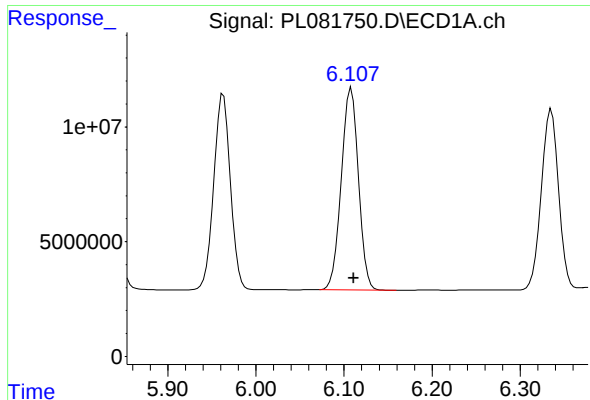
#12 4,4'-DDE

R.T.: 5.963 min
Delta R.T.: -0.004 min
Response: 112285628
Conc: 49.82 ng/ml



#12 4,4'-DDE

R.T.: 5.101 min
Delta R.T.: 0.000 min
Response: 106826689
Conc: 54.23 ng/ml



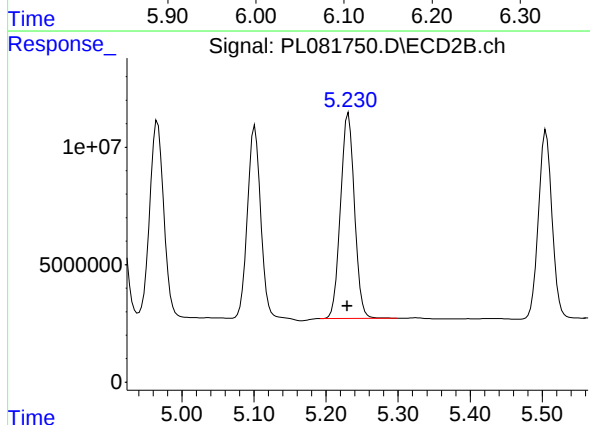
#13 Dieldrin

R.T.: 6.108 min
Delta R.T.: -0.003 min
Response: 119043133
Conc: 49.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

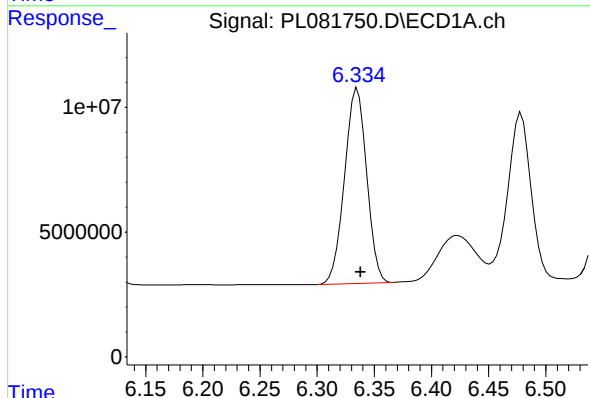
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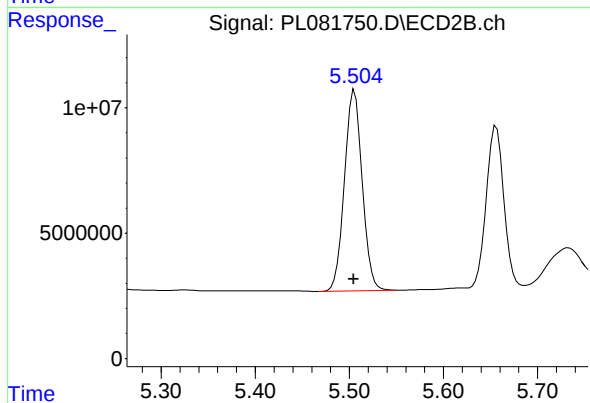
#13 Dieldrin

R.T.: 5.231 min
Delta R.T.: 0.001 min
Response: 117282670
Conc: 52.14 ng/ml



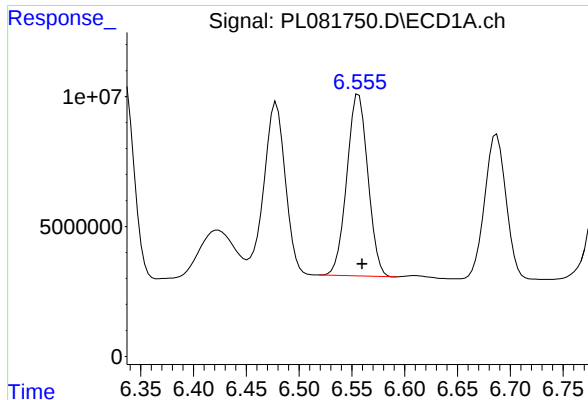
#14 Endrin

R.T.: 6.335 min
Delta R.T.: -0.003 min
Response: 105733924
Conc: 49.99 ng/ml



#14 Endrin

R.T.: 5.506 min
Delta R.T.: 0.000 min
Response: 105017047
Conc: 51.89 ng/ml



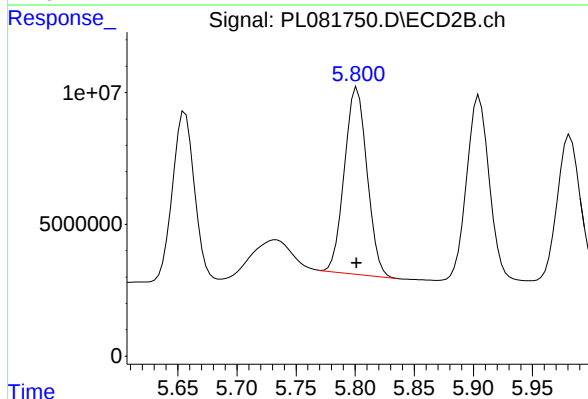
#15 Endosulfan II

R.T.: 6.557 min
Delta R.T.: -0.003 min
Response: 96382114
Conc: 45.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

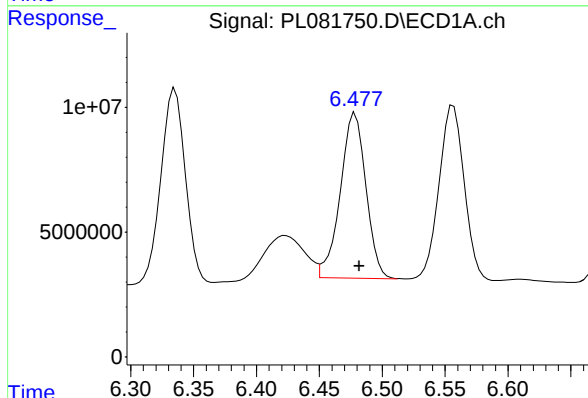
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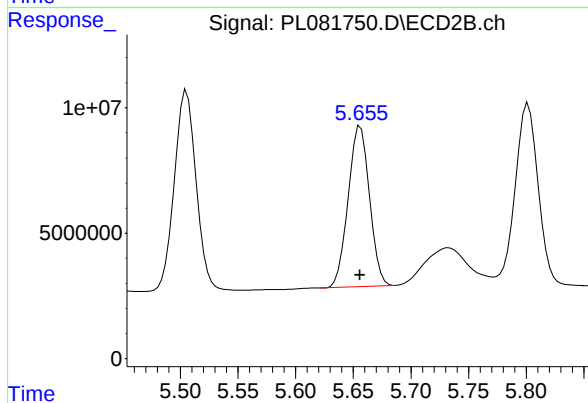
#15 Endosulfan II

R.T.: 5.800 min
Delta R.T.: 0.000 min
Response: 94420662
Conc: 52.05 ng/ml



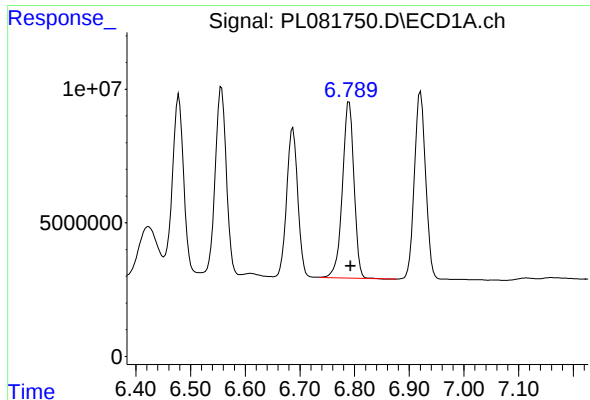
#16 4,4'-DDD

R.T.: 6.477 min
Delta R.T.: -0.005 min
Response: 93337676
Conc: 51.75 ng/ml



#16 4,4'-DDD

R.T.: 5.656 min
Delta R.T.: 0.000 min
Response: 82049692
Conc: 54.07 ng/ml



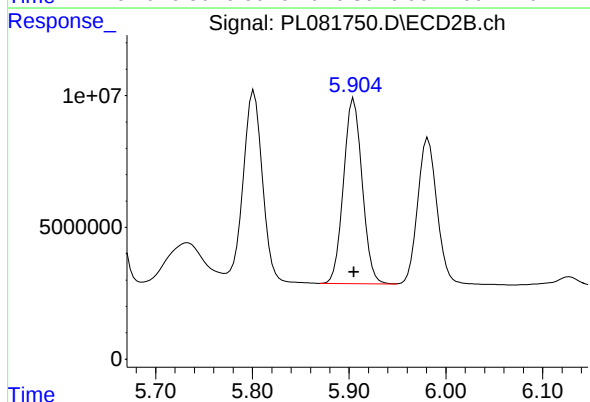
#17 4,4'-DDT

R.T.: 6.790 min
Delta R.T.: -0.003 min
Response: 97529842
Conc: 48.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

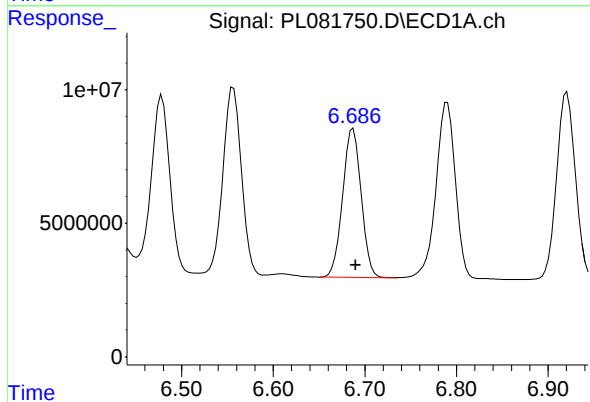
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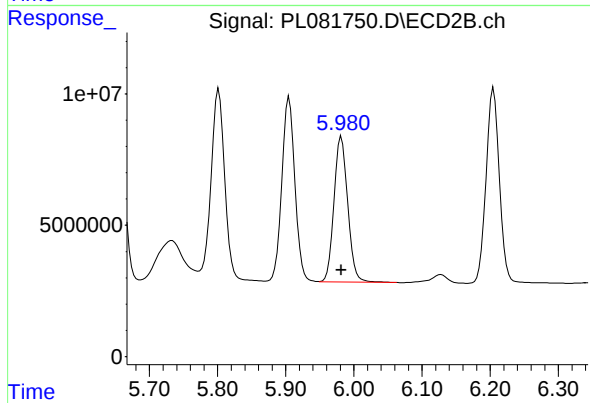
#17 4,4'-DDT

R.T.: 5.905 min
Delta R.T.: 0.000 min
Response: 93701610
Conc: 54.37 ng/ml



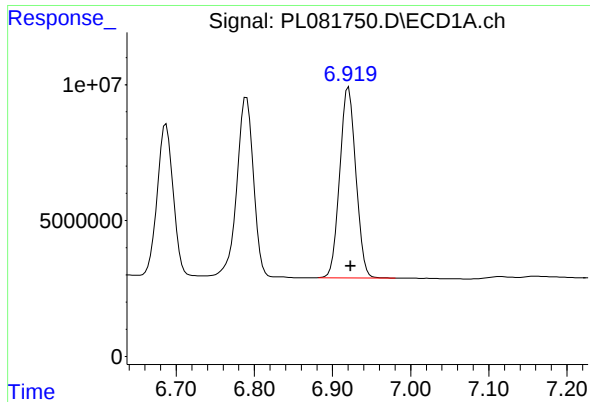
#18 Endrin aldehyde

R.T.: 6.687 min
Delta R.T.: -0.003 min
Response: 78916538
Conc: 48.23 ng/ml



#18 Endrin aldehyde

R.T.: 5.982 min
Delta R.T.: 0.000 min
Response: 77240806
Conc: 49.74 ng/ml



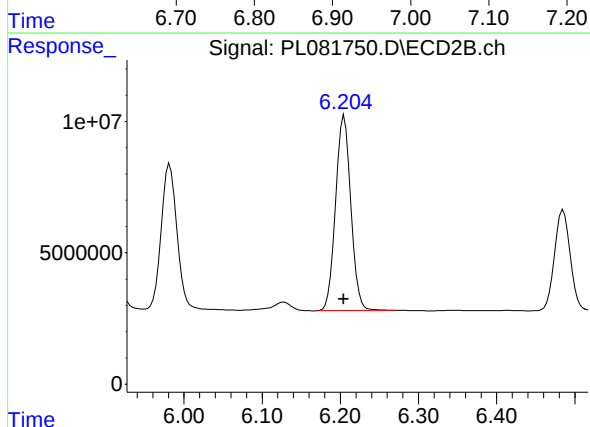
#19 Endosulfan Sulfate

R.T.: 6.921 min
Delta R.T.: -0.003 min
Response: 100733933
Conc: 48.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

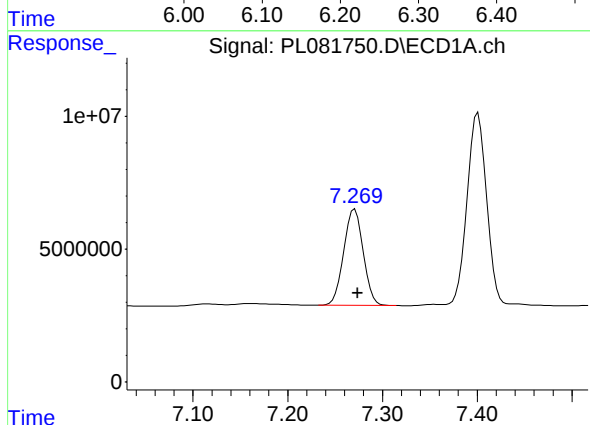
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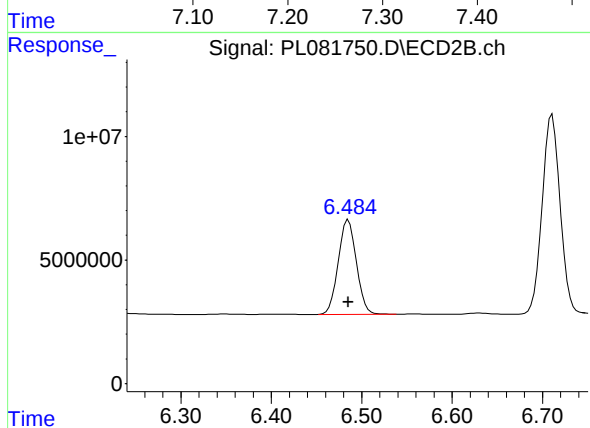
#19 Endosulfan Sulfate

R.T.: 6.205 min
Delta R.T.: 0.000 min
Response: 100798791
Conc: 51.81 ng/ml



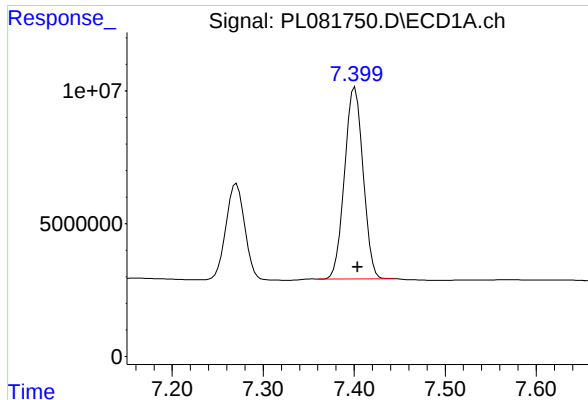
#20 Methoxychlor

R.T.: 7.271 min
Delta R.T.: -0.003 min
Response: 51933773
Conc: 48.23 ng/ml



#20 Methoxychlor

R.T.: 6.485 min
Delta R.T.: 0.000 min
Response: 53425348
Conc: 53.64 ng/ml



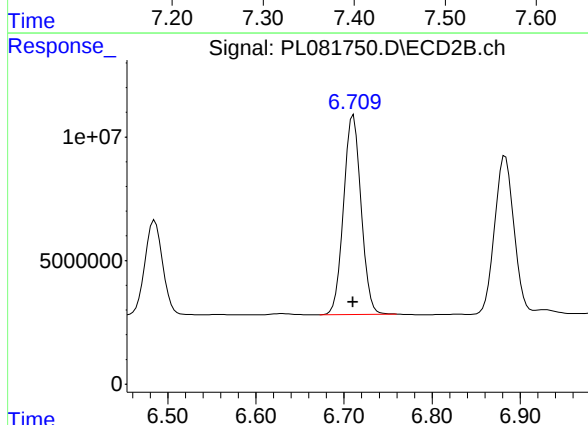
#21 Endrin ketone

R.T.: 7.401 min
Delta R.T.: -0.003 min
Response: 102454849
Conc: 48.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

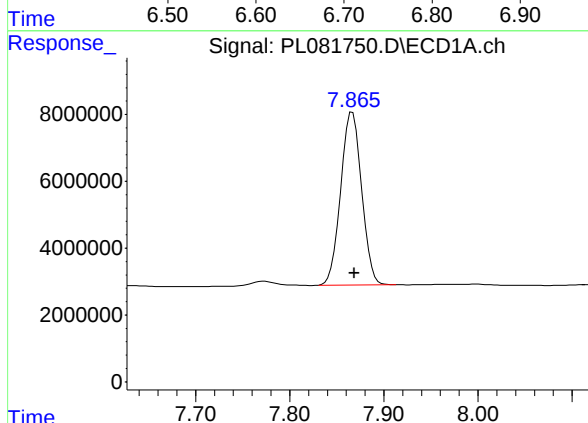
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/29/2023
Supervised By :Ankita Jodhani 03/29/2023



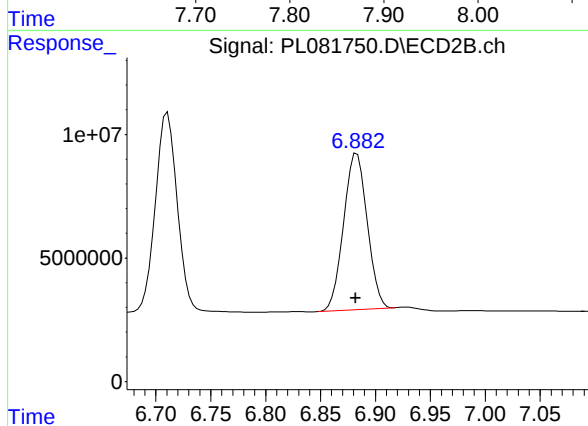
#21 Endrin ketone

R.T.: 6.711 min
Delta R.T.: 0.000 min
Response: 111421136
Conc: 52.14 ng/ml



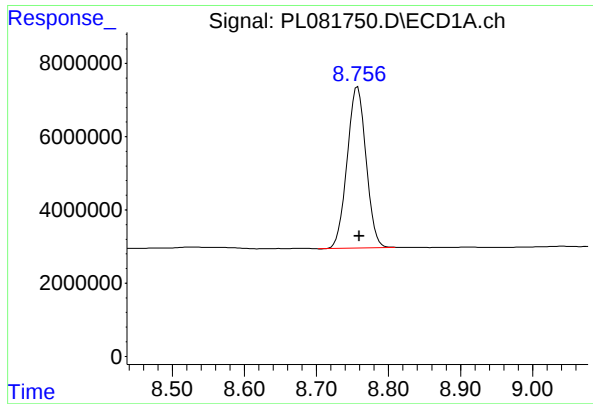
#22 Mirex

R.T.: 7.867 min
Delta R.T.: -0.002 min
Response: 80031187
Conc: 46.71 ng/ml



#22 Mirex

R.T.: 6.883 min
Delta R.T.: 0.001 min
Response: 94790220
Conc: 49.38 ng/ml



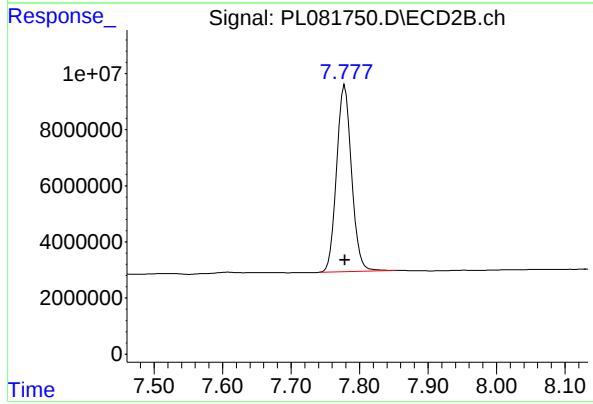
#28 Decachlorobiphenyl

R.T.: 8.757 min
Delta R.T.: -0.003 min
Response: 80126986
Conc: 44.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 03/29/2023



#28 Decachlorobiphenyl

R.T.: 7.778 min
Delta R.T.: 0.000 min
Response: 101171337
Conc: 51.01 ng/ml