

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102023\
 Data File : PL086054.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Oct 2023 11:56
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/23/2023
 Supervised By :Ankita Jodhani 10/23/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 20 22:33:43 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100323.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 04 05:29:39 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...	3.355	2.621	130.5E6	41412635	43.867	44.334
28)	SA Decachlor...	8.858	7.774	111.1E6	48959611	51.002	53.045
Target Compounds							
2)	A alpha-BHC	3.809	3.120	192.2E6	57372931	44.784	45.602
3)	MA gamma-BHC...	4.141	3.447	185.1E6	56269309	44.782	45.623
4)	MA Heptachlor	4.728	3.783	175.7E6	55614243	45.434	47.817
5)	MB Aldrin	5.068	4.061	176.6E6	55012784	45.558	49.195
6)	B beta-BHC	4.343	3.749	76032909	24621091	45.980	47.295
7)	B delta-BHC	4.587	3.974	161.6E6	54986208	42.142	47.857
8)	B Heptachlo...	5.498	4.565	151.0E6	50409048	43.776	50.188
9)	A Endosulfan I	5.882	4.933	147.8E6	47913693	45.712	44.665
10)	B gamma-Chl...	5.755	4.817	158.7E6	52863280	46.373	53.376
11)	B alpha-Chl...	5.835	4.881	157.2E6	52558932	45.989	48.187
12)	B 4,4'-DDE	6.018	5.080	134.8E6	44834306	48.200	54.600
13)	MA Dieldrin	6.159	5.199	149.2E6	50332741	45.398	51.878
14)	MA Endrin	6.387	5.473	130.2E6	42830363	45.703	47.642
15)	B Endosulfa...	6.609	5.768	159.6E6	55029981	57.907m	57.869m
16)	A 4,4'-DDD	6.537	5.636	100.7E6	37349253	49.971	53.659
17)	MA 4,4'-DDT	6.852	5.887	113.1E6	40704250	47.987	51.475
18)	B Endrin al...	6.741	5.952	93092704	37294297	45.932	50.012
19)	B Endosulfa...	6.977	6.176	119.8E6	44243710	47.737	49.044
20)	A Methoxychlor	7.338	6.472	62281040	25461548	44.594	48.399
21)	B Endrin ke...	7.459	6.678	128.4E6	54504225	44.569	47.419
22)	Mirex	7.932	6.855	100.4E6	43753725	45.330	46.390

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102023\
Data File : PL086054.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Oct 2023 11:56
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

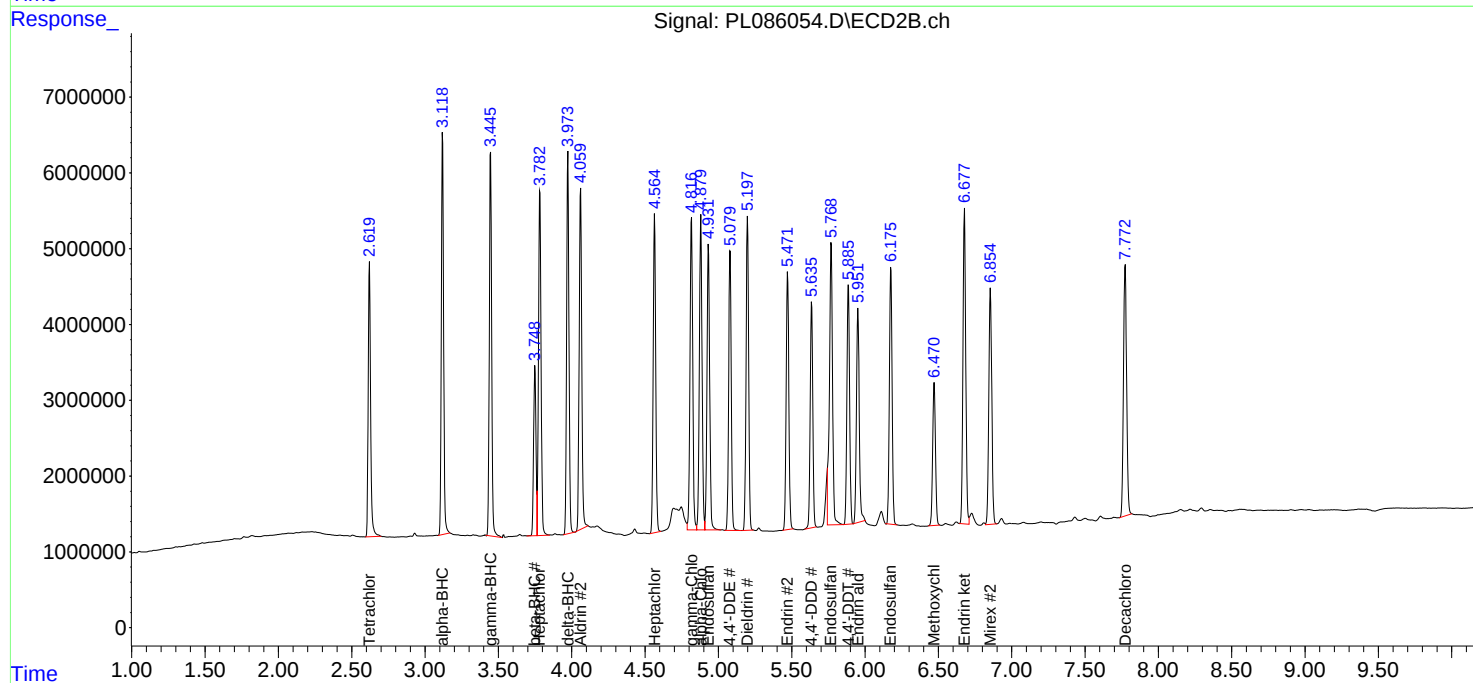
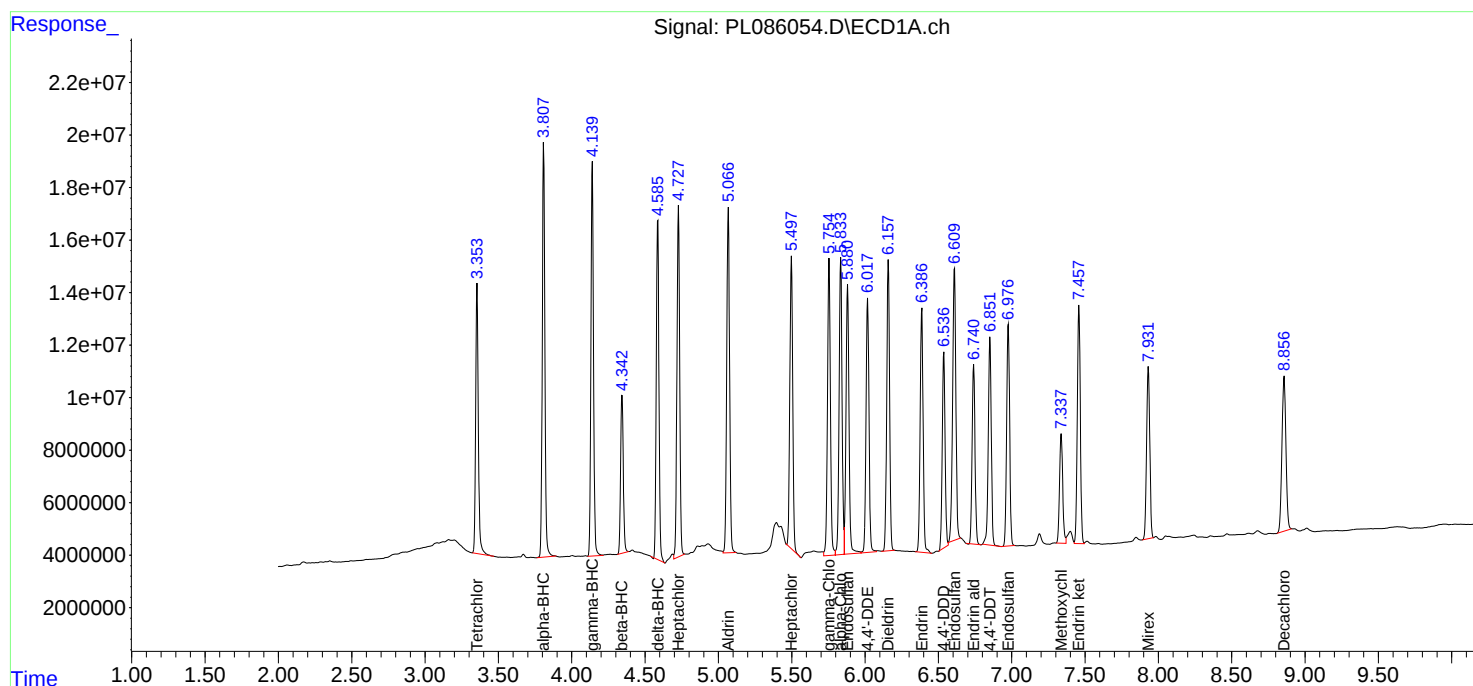
APPROVED

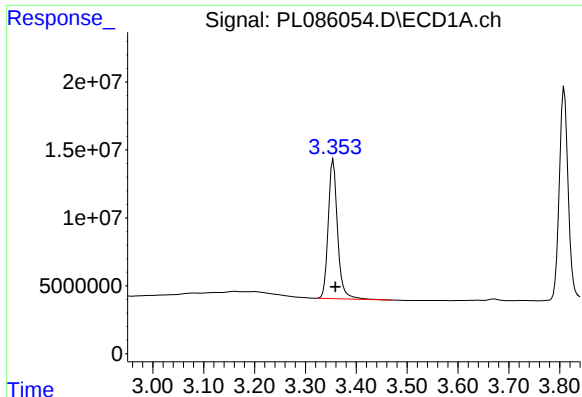
Reviewed By :Abdul Mirza 10/23/2023

Supervised By :Ankita Jodhani 10/23/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 20 22:33:43 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100323.M
Quant Title : GC Extractables
QLast Update : Wed Oct 04 05:29:39 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





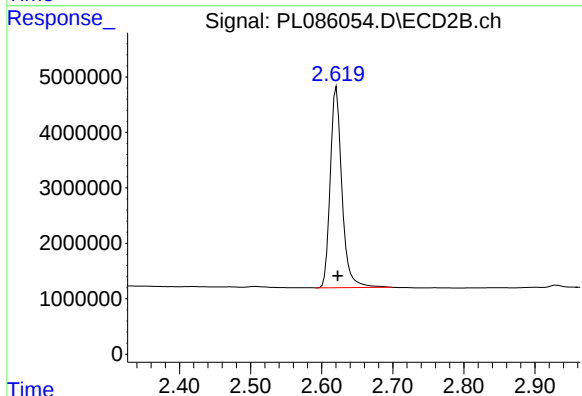
#1 Tetrachloro-m-xylene

R.T.: 3.355 min
Delta R.T.: -0.004 min
Response: 130467548
Conc: 43.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

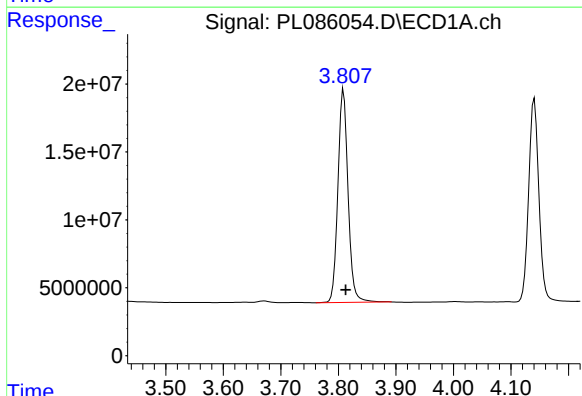
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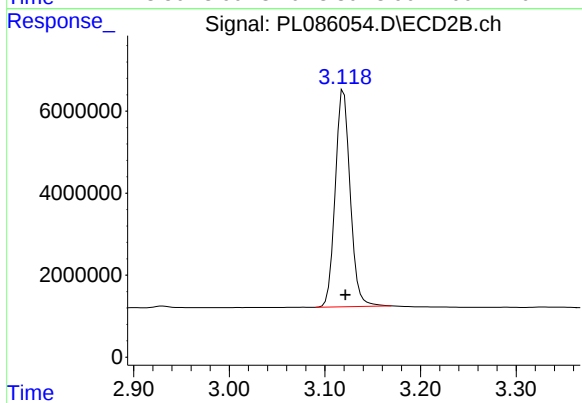
#1 Tetrachloro-m-xylene

R.T.: 2.621 min
Delta R.T.: -0.002 min
Response: 41412635
Conc: 44.33 ng/ml



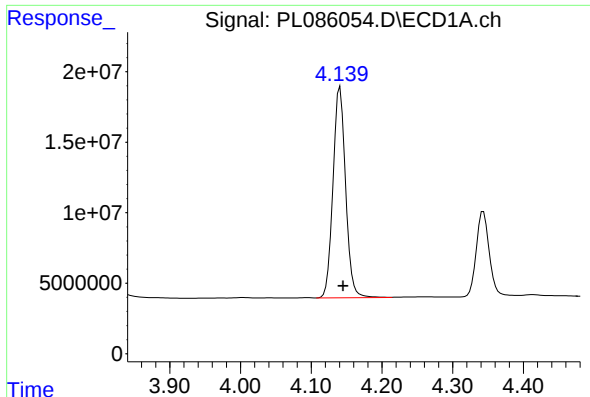
#2 alpha-BHC

R.T.: 3.809 min
Delta R.T.: -0.004 min
Response: 192209120
Conc: 44.78 ng/ml



#2 alpha-BHC

R.T.: 3.120 min
Delta R.T.: -0.002 min
Response: 57372931
Conc: 45.60 ng/ml



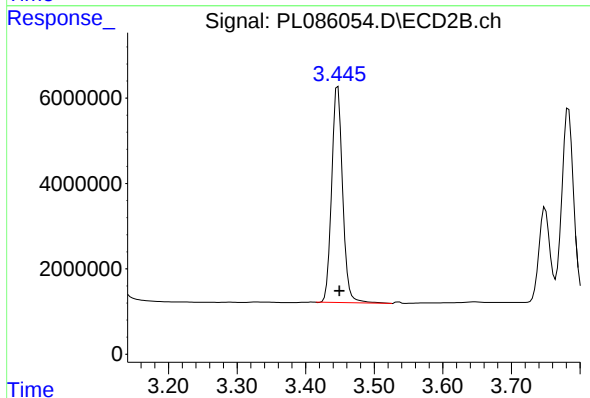
#3 gamma-BHC (Lindane)

R.T.: 4.141 min
Delta R.T.: -0.004 min
Response: 185098068
Conc: 44.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

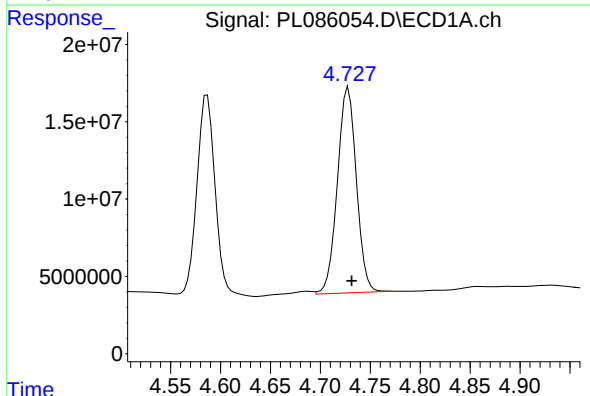
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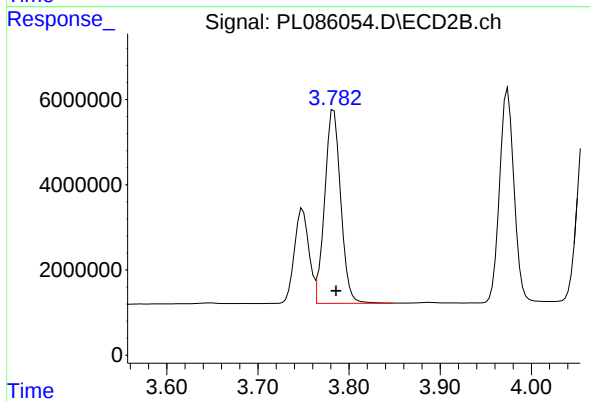
#3 gamma-BHC (Lindane)

R.T.: 3.447 min
Delta R.T.: -0.002 min
Response: 56269309
Conc: 45.62 ng/ml



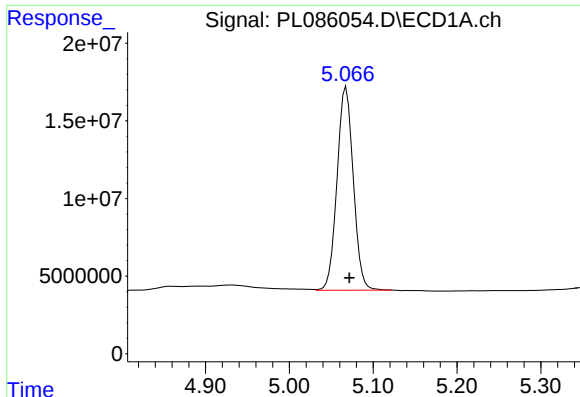
#4 Heptachlor

R.T.: 4.728 min
Delta R.T.: -0.003 min
Response: 175722365
Conc: 45.43 ng/ml



#4 Heptachlor

R.T.: 3.783 min
Delta R.T.: -0.002 min
Response: 55614243
Conc: 47.82 ng/ml



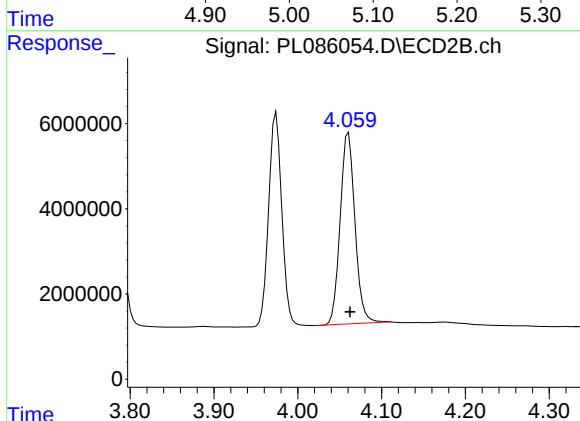
#5 Aldrin

R.T.: 5.068 min
Delta R.T.: -0.004 min
Response: 176596775
Conc: 45.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

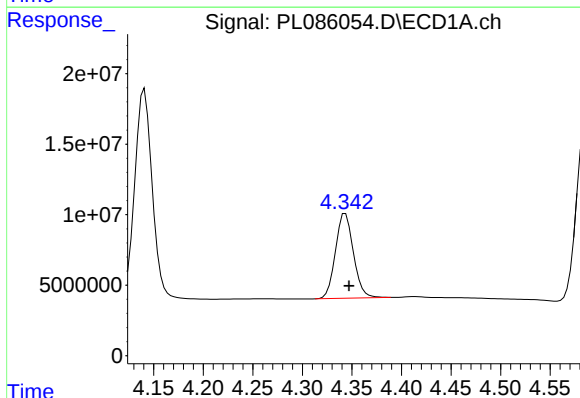
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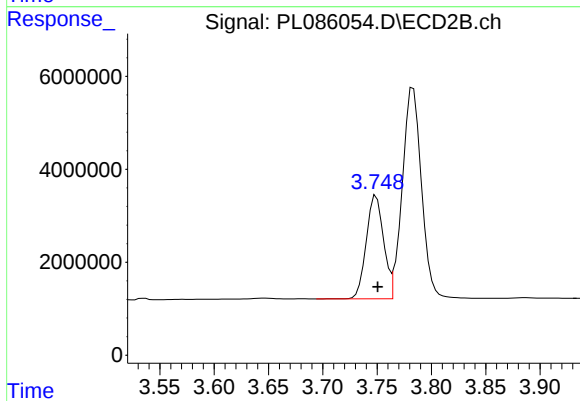
#5 Aldrin

R.T.: 4.061 min
Delta R.T.: -0.002 min
Response: 55012784
Conc: 49.19 ng/ml



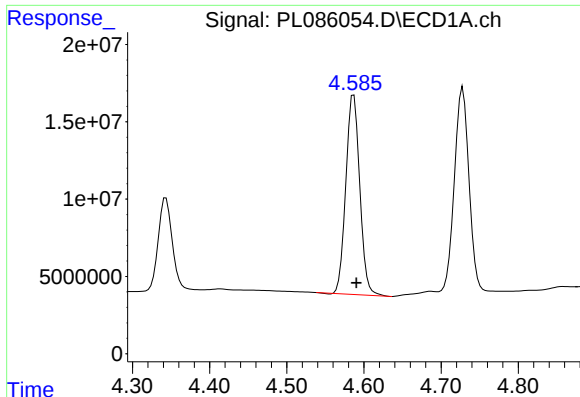
#6 beta-BHC

R.T.: 4.343 min
Delta R.T.: -0.004 min
Response: 76032909
Conc: 45.98 ng/ml



#6 beta-BHC

R.T.: 3.749 min
Delta R.T.: -0.001 min
Response: 24621091
Conc: 47.29 ng/ml



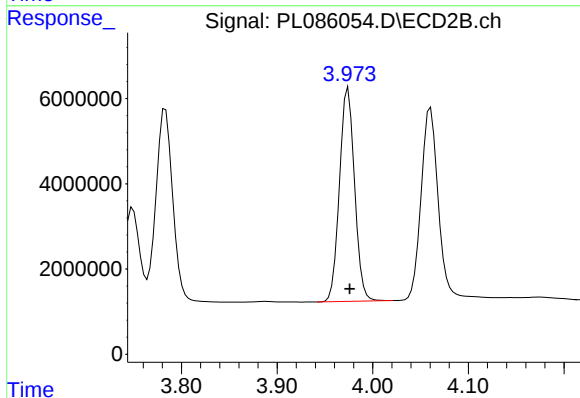
#7 delta-BHC

R.T.: 4.587 min
Delta R.T.: -0.004 min
Response: 161587625
Conc: 42.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

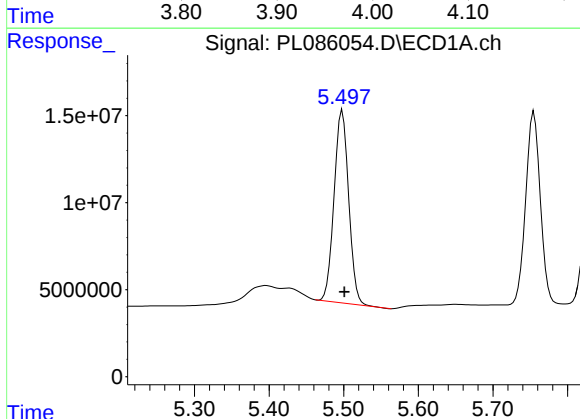
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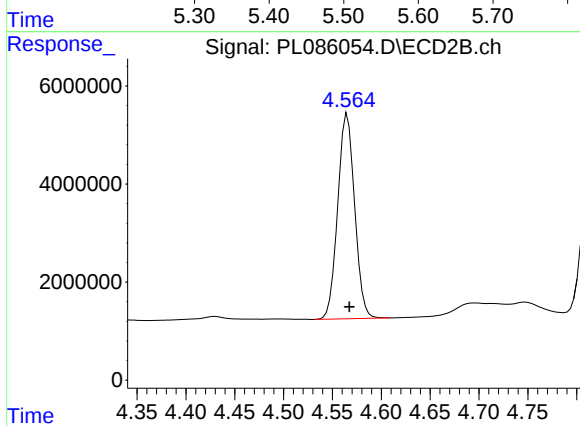
#7 delta-BHC

R.T.: 3.974 min
Delta R.T.: -0.002 min
Response: 54986208
Conc: 47.86 ng/ml



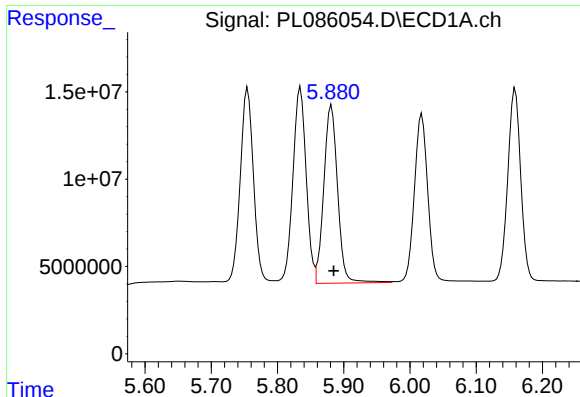
#8 Heptachlor epoxide

R.T.: 5.498 min
Delta R.T.: -0.003 min
Response: 151020771
Conc: 43.78 ng/ml



#8 Heptachlor epoxide

R.T.: 4.565 min
Delta R.T.: -0.002 min
Response: 50409048
Conc: 50.19 ng/ml



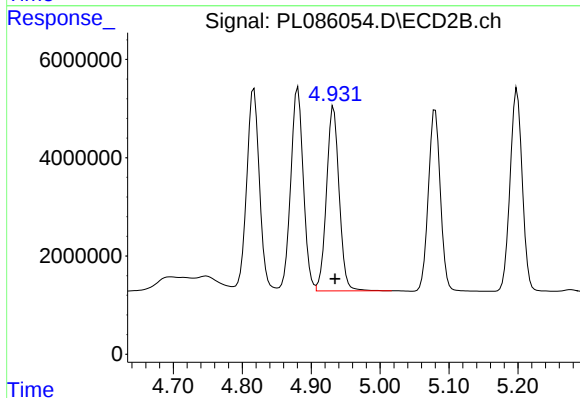
#9 Endosulfan I

R.T.: 5.882 min
Delta R.T.: -0.004 min
Response: 147832378
Conc: 45.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

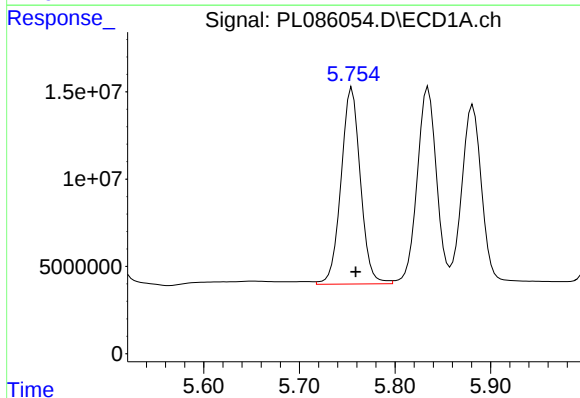
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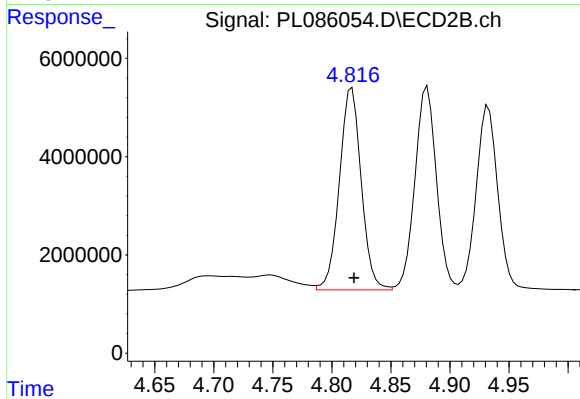
#9 Endosulfan I

R.T.: 4.933 min
Delta R.T.: -0.002 min
Response: 47913693
Conc: 44.66 ng/ml



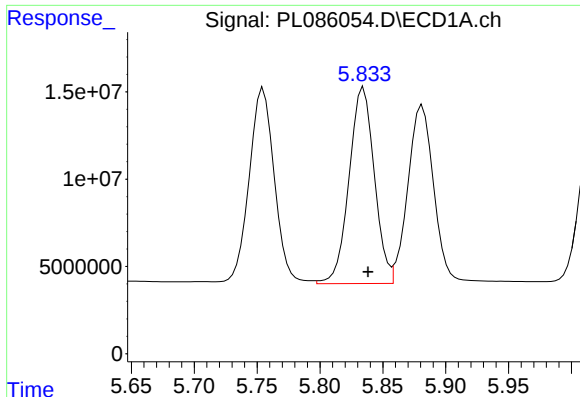
#10 gamma-Chlordane

R.T.: 5.755 min
Delta R.T.: -0.004 min
Response: 158660208
Conc: 46.37 ng/ml



#10 gamma-Chlordane

R.T.: 4.817 min
Delta R.T.: -0.002 min
Response: 52863280
Conc: 53.38 ng/ml



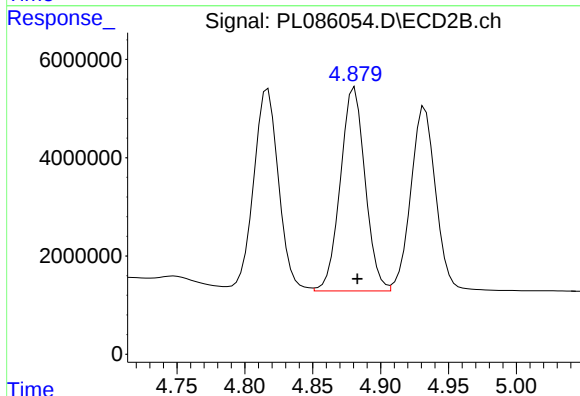
#11 alpha-Chlordane

R.T.: 5.835 min
Delta R.T.: -0.004 min
Response: 157173434
Conc: 45.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

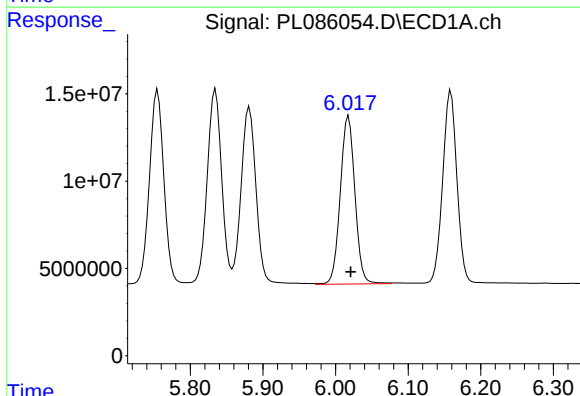
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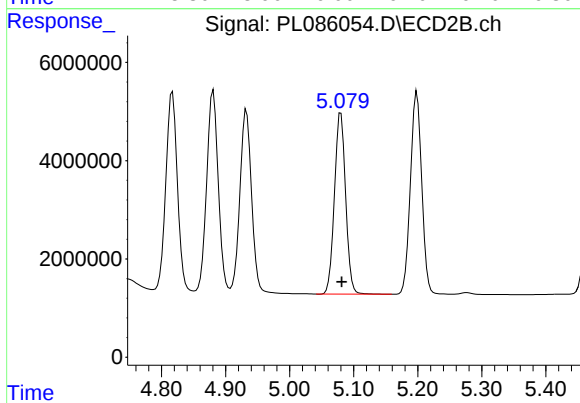
#11 alpha-Chlordane

R.T.: 4.881 min
Delta R.T.: -0.002 min
Response: 52558932
Conc: 48.19 ng/ml



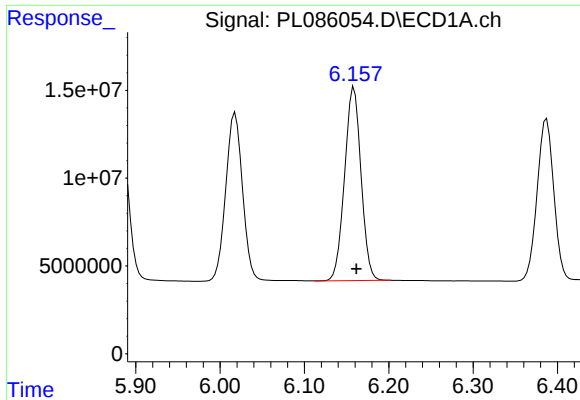
#12 4,4'-DDE

R.T.: 6.018 min
Delta R.T.: -0.003 min
Response: 134792332
Conc: 48.20 ng/ml



#12 4,4'-DDE

R.T.: 5.080 min
Delta R.T.: -0.002 min
Response: 44834306
Conc: 54.60 ng/ml



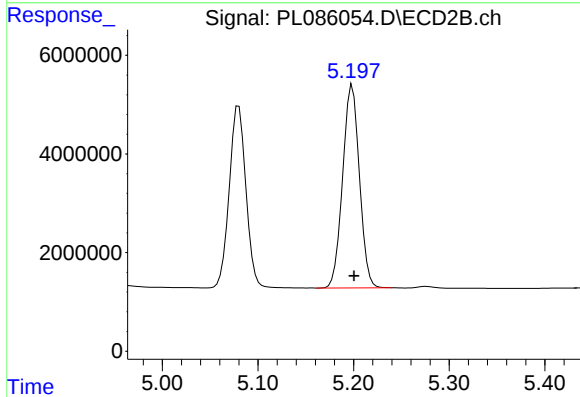
#13 Dieldrin

R.T.: 6.159 min
Delta R.T.: -0.003 min
Response: 149178644
Conc: 45.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

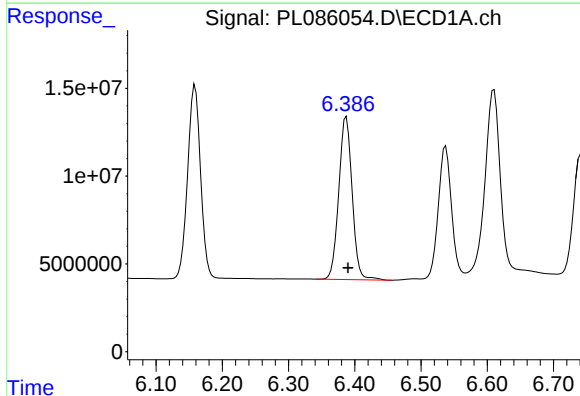
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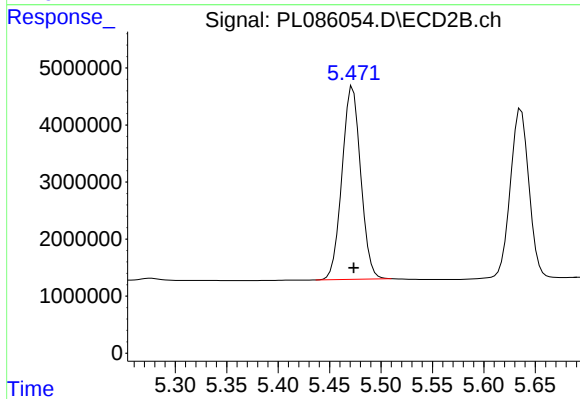
#13 Dieldrin

R.T.: 5.199 min
Delta R.T.: -0.002 min
Response: 50332741
Conc: 51.88 ng/ml



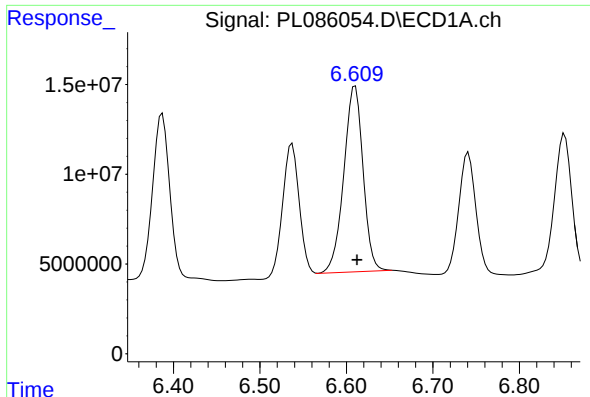
#14 Endrin

R.T.: 6.387 min
Delta R.T.: -0.003 min
Response: 130241756
Conc: 45.70 ng/ml



#14 Endrin

R.T.: 5.473 min
Delta R.T.: -0.001 min
Response: 42830363
Conc: 47.64 ng/ml



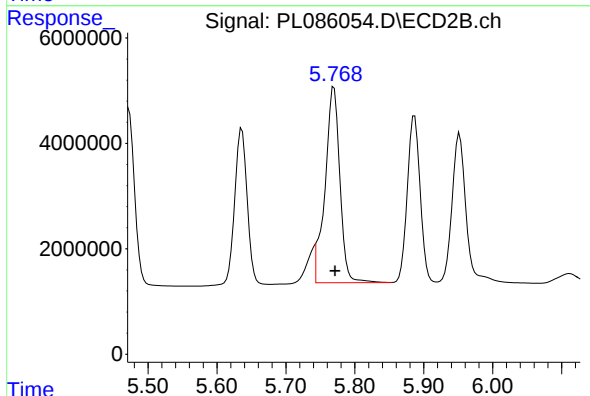
#15 Endosulfan II

R.T.: 6.609 min
Delta R.T.: -0.004 min
Response: 159561901
Conc: 57.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

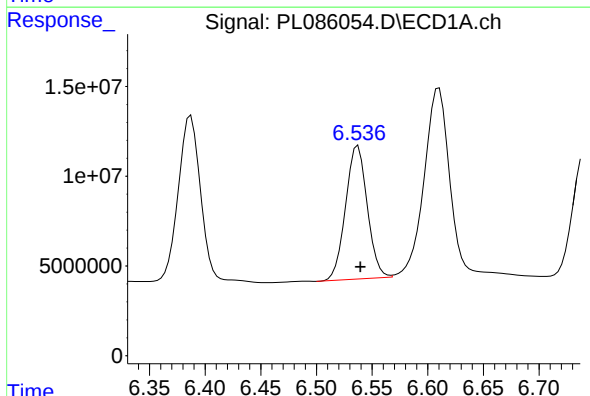
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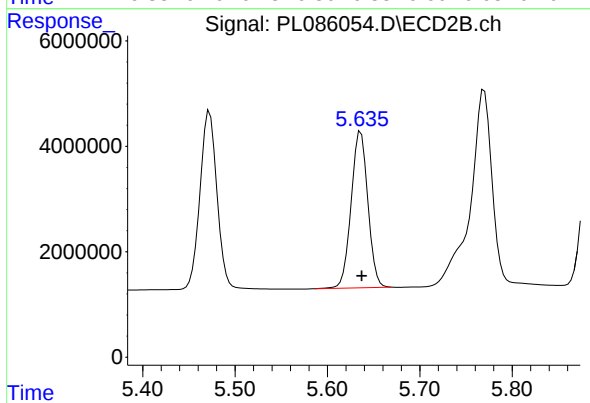
#15 Endosulfan II

R.T.: 5.768 min
Delta R.T.: -0.003 min
Response: 55029981
Conc: 57.87 ng/ml m



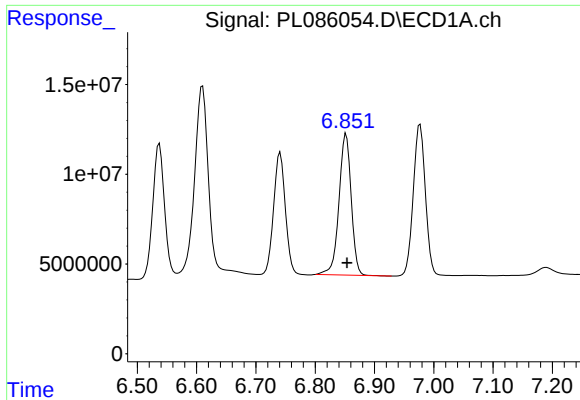
#16 4,4'-DDD

R.T.: 6.537 min
Delta R.T.: -0.002 min
Response: 100675127
Conc: 49.97 ng/ml



#16 4,4'-DDD

R.T.: 5.636 min
Delta R.T.: -0.001 min
Response: 37349253
Conc: 53.66 ng/ml



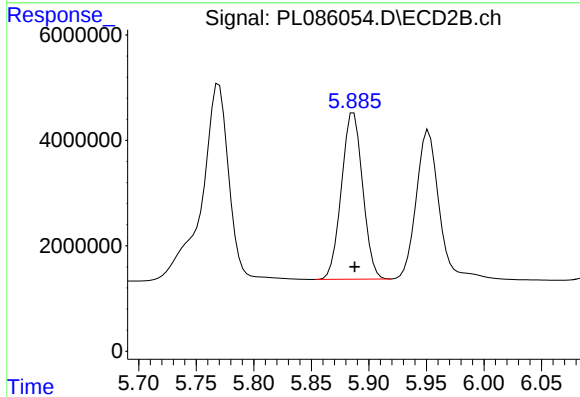
#17 4,4'-DDT

R.T.: 6.852 min
Delta R.T.: -0.002 min
Response: 113110773
Conc: 47.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

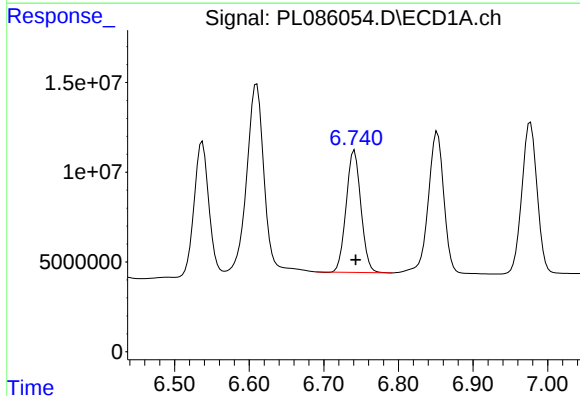
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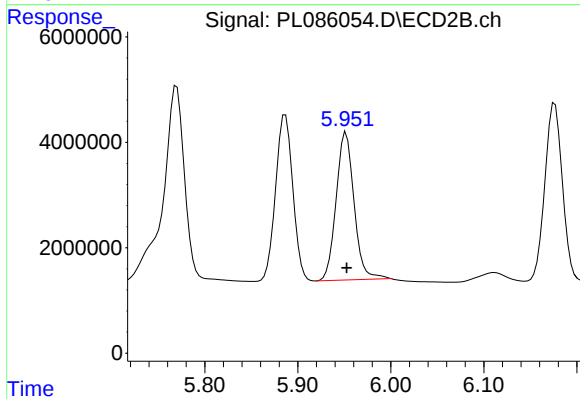
#17 4,4'-DDT

R.T.: 5.887 min
Delta R.T.: -0.001 min
Response: 40704250
Conc: 51.48 ng/ml



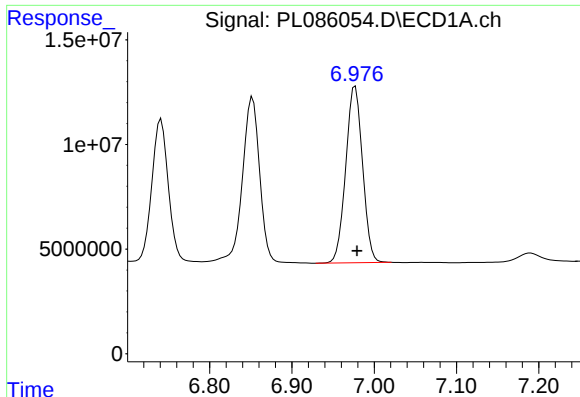
#18 Endrin aldehyde

R.T.: 6.741 min
Delta R.T.: -0.002 min
Response: 93092704
Conc: 45.93 ng/ml



#18 Endrin aldehyde

R.T.: 5.952 min
Delta R.T.: 0.000 min
Response: 37294297
Conc: 50.01 ng/ml



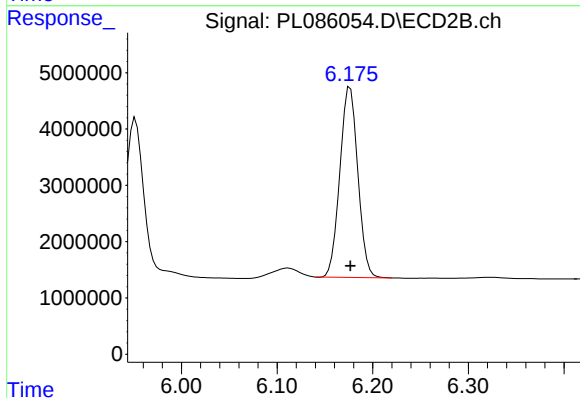
#19 Endosulfan Sulfate

R.T.: 6.977 min
Delta R.T.: -0.002 min
Response: 119805508
Conc: 47.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

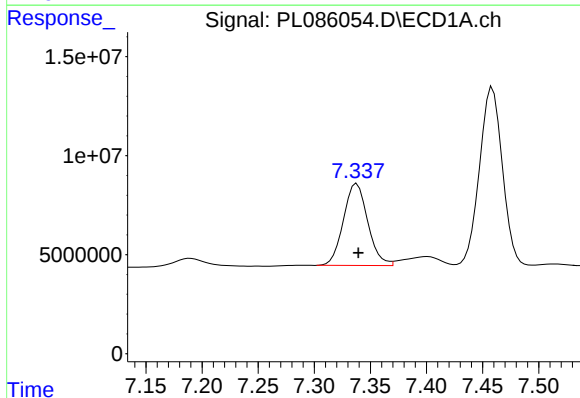
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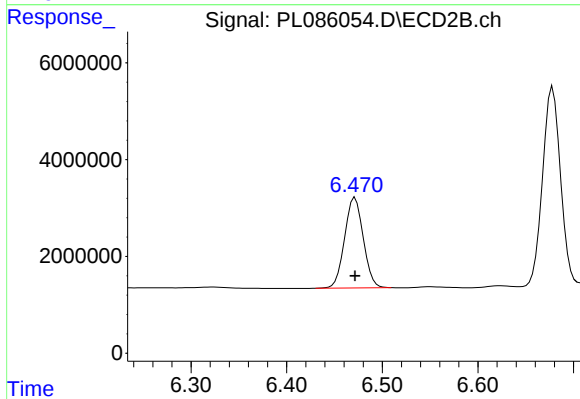
#19 Endosulfan Sulfate

R.T.: 6.176 min
Delta R.T.: 0.000 min
Response: 44243710
Conc: 49.04 ng/ml



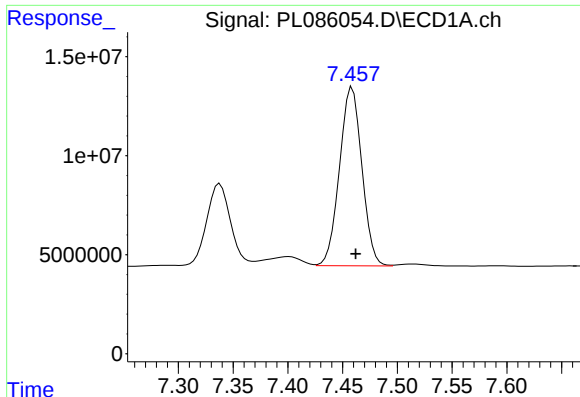
#20 Methoxychlor

R.T.: 7.338 min
Delta R.T.: -0.001 min
Response: 62281040
Conc: 44.59 ng/ml



#20 Methoxychlor

R.T.: 6.472 min
Delta R.T.: 0.000 min
Response: 25461548
Conc: 48.40 ng/ml



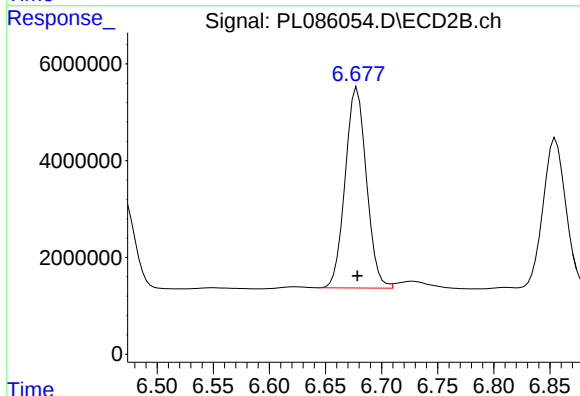
#21 Endrin ketone

R.T.: 7.459 min
Delta R.T.: -0.003 min
Response: 128371531
Conc: 44.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

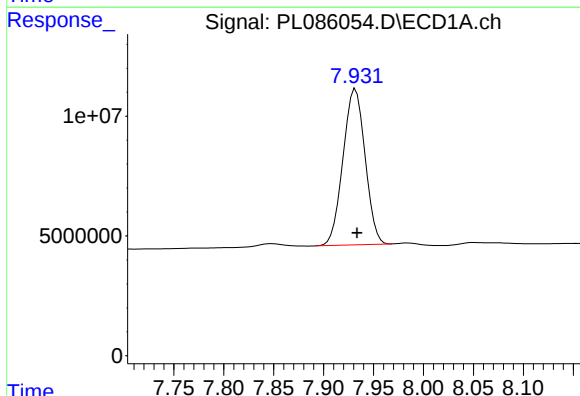
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/23/2023
Supervised By :Ankita Jodhani 10/23/2023



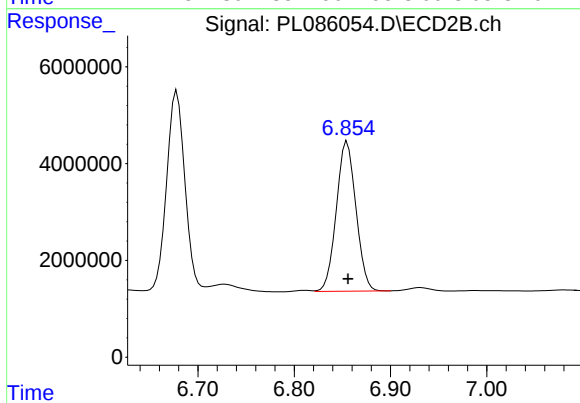
#21 Endrin ketone

R.T.: 6.678 min
Delta R.T.: 0.000 min
Response: 54504225
Conc: 47.42 ng/ml



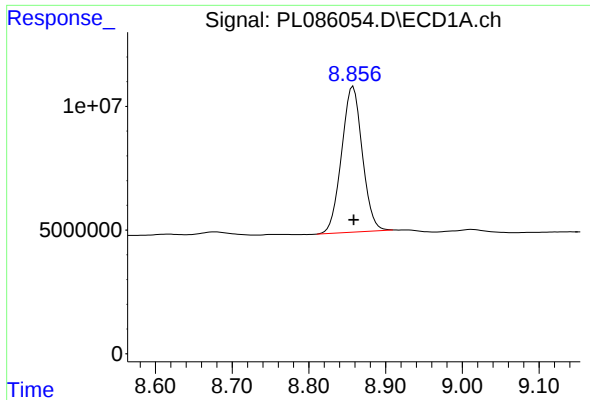
#22 Mirex

R.T.: 7.932 min
Delta R.T.: -0.001 min
Response: 100359704
Conc: 45.33 ng/ml



#22 Mirex

R.T.: 6.855 min
Delta R.T.: 0.000 min
Response: 43753725
Conc: 46.39 ng/ml



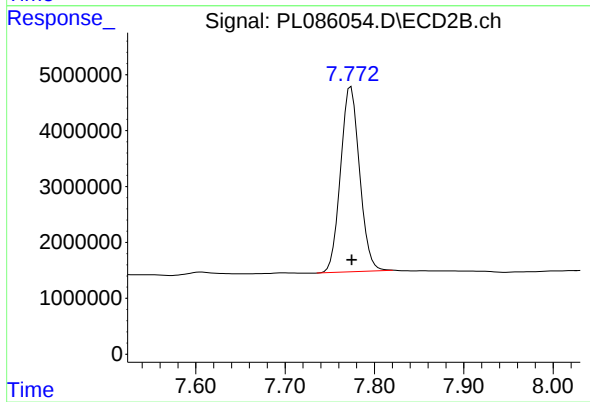
#28 Decachlorobiphenyl

R.T.: 8.858 min
Delta R.T.: -0.001 min
Response: 111085848
Conc: 51.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/23/2023
Supervised By :Ankita Jodhani 10/23/2023



#28 Decachlorobiphenyl

R.T.: 7.774 min
Delta R.T.: 0.000 min
Response: 48959611
Conc: 53.04 ng/ml