

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050423\
 Data File : PL082531.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 May 2023 21:29
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/06/2023
 Supervised By : Ankita Jodhani 05/08/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 05 04:55:01 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...	3.320	2.643	138.4E6	118.6E6	51.796	51.176
2)	SA Decachlor...	8.737	7.752	106.2E6	120.8E6	55.615	52.934
Target Compounds							
2)	A alpha-BHC	3.769	3.141	209.7E6	177.1E6	52.684	52.034
3)	MA gamma-BHC...	4.097	3.467	199.3E6	165.9E6	53.305	51.597
4)	MA Heptachlor	4.675	3.799	189.8E6	169.1E6	51.933	49.409
5)	MB Aldrin	5.012	4.074	177.7E6	160.2E6	53.875	50.850m
6)	B beta-BHC	4.300	3.767	85630176	68065117	50.208	49.886
7)	B delta-BHC	4.542	3.993	188.2E6	165.4E6	52.310	53.935
8)	B Heptachlo...	5.438	4.577	162.6E6	150.1E6	53.312	52.086
9)	A Endosulfan I	5.819	4.944	155.5E6	137.9E6	56.077	51.658
10)	B gamma-Chl...	5.691	4.826	163.0E6	152.8E6	54.203m	52.660
11)	B alpha-Chl...	5.771	4.888	168.2E6	151.9E6	56.341	52.331
12)	B 4,4'-DDE	5.949	5.077	139.2E6	129.4E6	54.763	56.307m
13)	MA Dieldrin	6.093	5.208	151.2E6	141.8E6	54.807	52.499
14)	MA Endrin	6.321	5.482	132.5E6	129.4E6	54.634	52.886
15)	B Endosulfa...	6.543	5.779	122.5E6	121.5E6	50.298	53.888
16)	A 4,4'-DDD	6.465	5.633	116.1E6	107.3E6	57.291	57.371
17)	MA 4,4'-DDT	6.776	5.882	125.2E6	115.8E6	54.718	54.827
18)	B Endrin al...	6.672	5.959	103.2E6	98698656	54.774	52.741
19)	B Endosulfa...	6.907	6.181	127.5E6	126.5E6	53.756	53.738
20)	A Methoxychlor	7.256	6.461	64979354	62281946	53.247	51.395
21)	B Endrin ke...	7.386	6.684	134.1E6	139.6E6	56.008	54.996m
22)	Mirex	7.850	6.855	103.9E6	119.0E6	53.120	51.645m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050423\
Data File : PL082531.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 May 2023 21:29
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

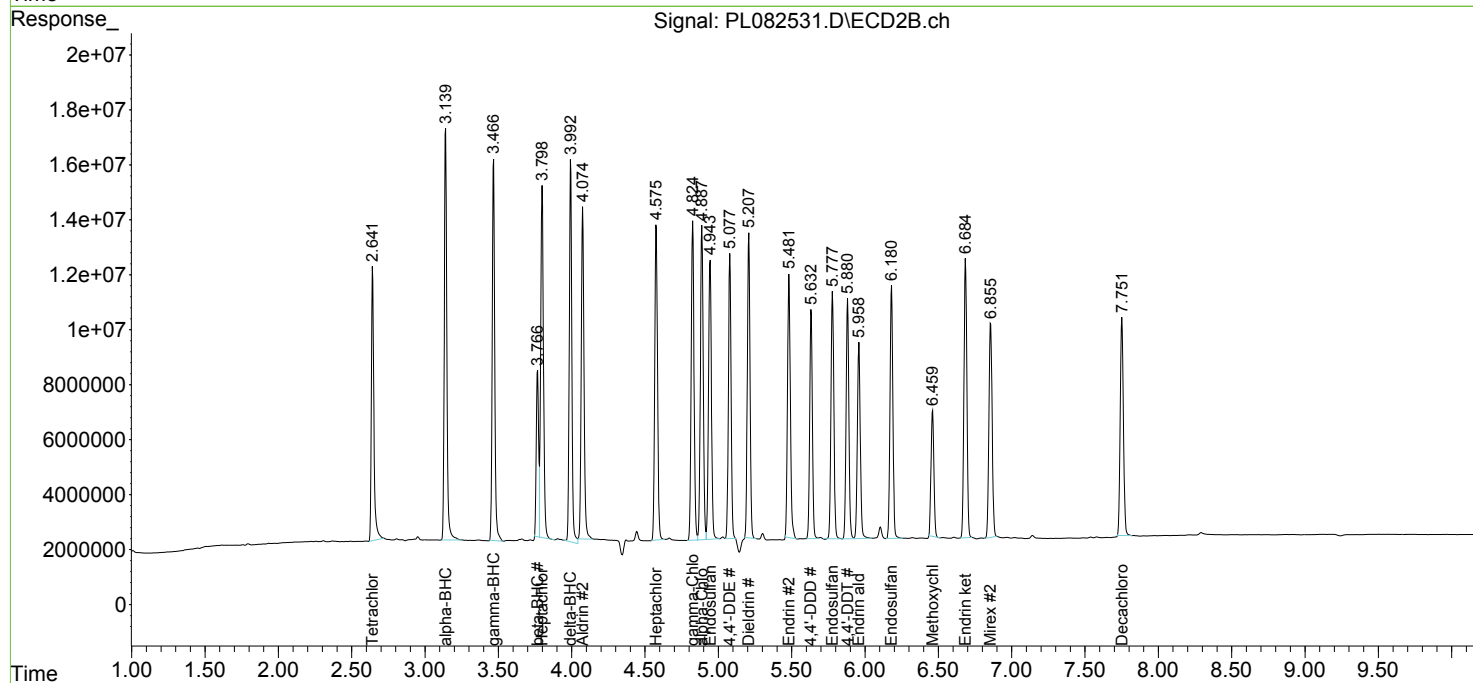
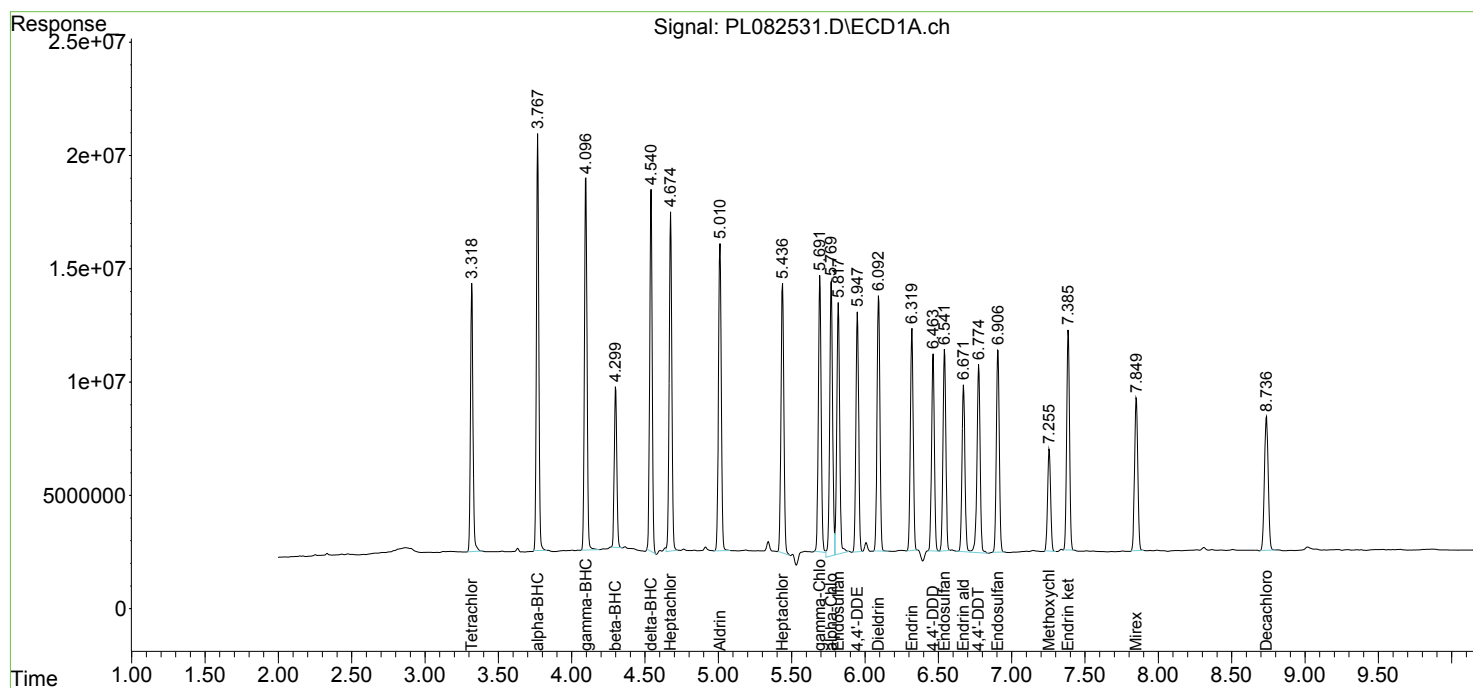
APPROVED

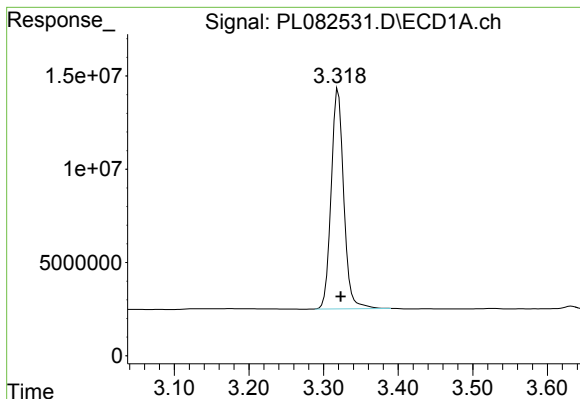
Reviewed By :Abdul Mirza 05/06/2023

Supervised By :Ankita Jodhani 05/08/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 05 04:55:01 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





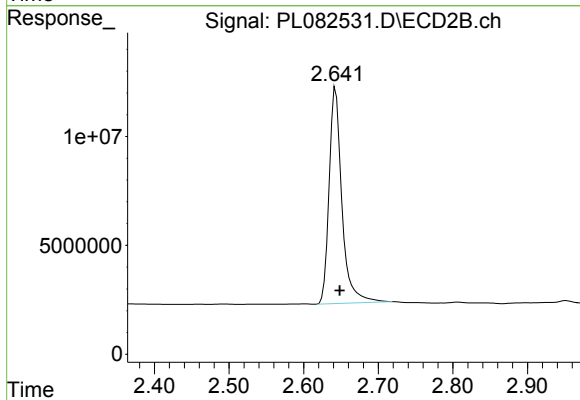
#1 Tetrachloro-m-xylene

R.T.: 3.320 min
Delta R.T.: -0.003 min
Response: 138358494
Conc: 51.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

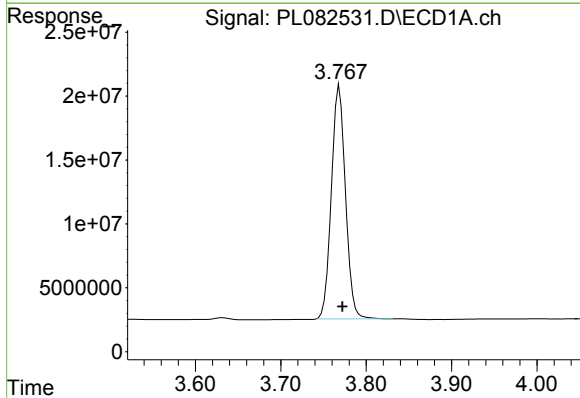
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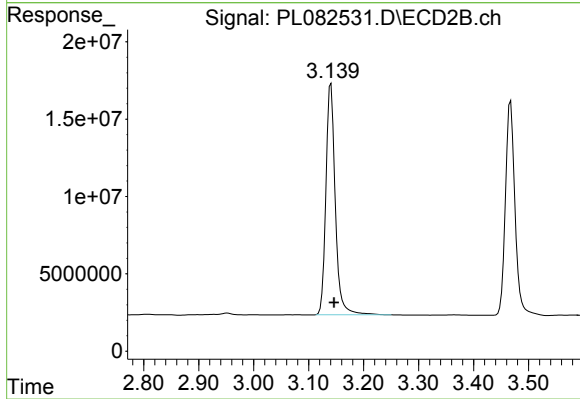
#1 Tetrachloro-m-xylene

R.T.: 2.643 min
Delta R.T.: -0.005 min
Response: 118560223
Conc: 51.18 ng/ml



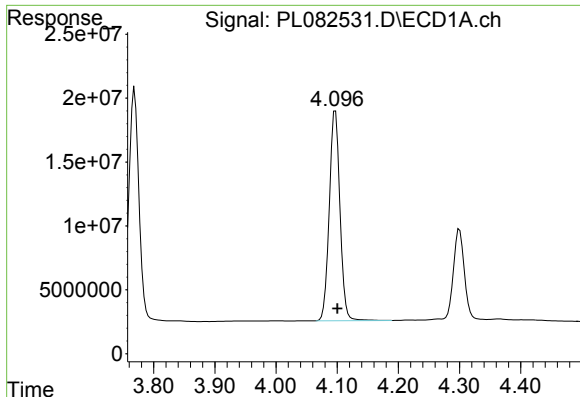
#2 alpha-BHC

R.T.: 3.769 min
Delta R.T.: -0.004 min
Response: 209697102
Conc: 52.68 ng/ml



#2 alpha-BHC

R.T.: 3.141 min
Delta R.T.: -0.006 min
Response: 177095829
Conc: 52.03 ng/ml



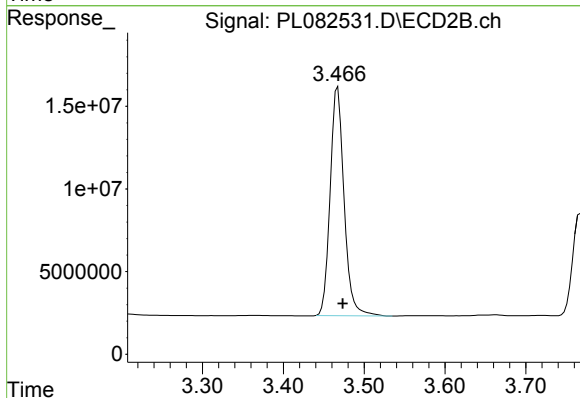
#3 gamma-BHC (Lindane)

R.T.: 4.097 min
Delta R.T.: -0.003 min
Response: 199305276
Conc: 53.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

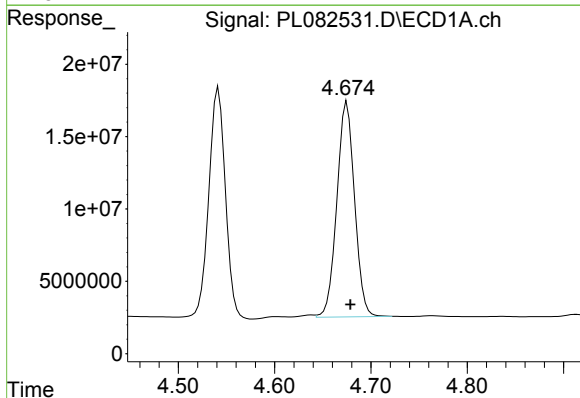
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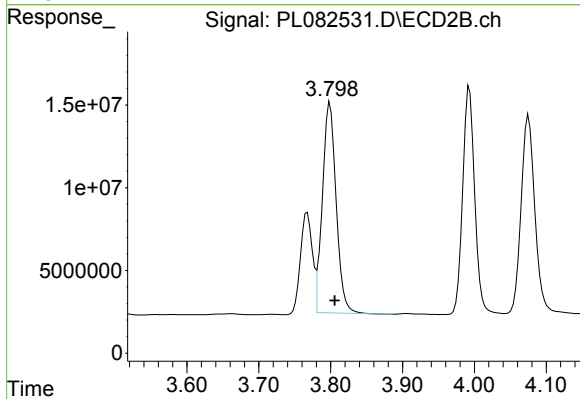
#3 gamma-BHC (Lindane)

R.T.: 3.467 min
Delta R.T.: -0.006 min
Response: 165900317
Conc: 51.60 ng/ml



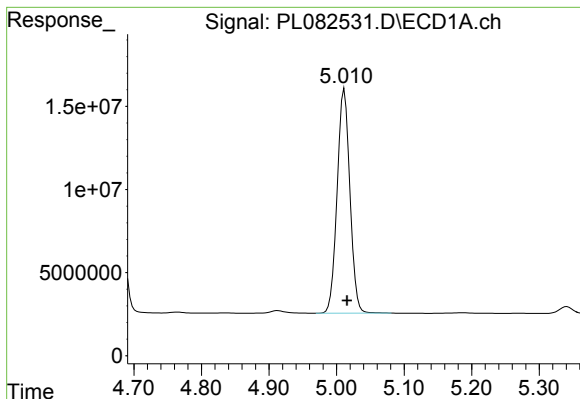
#4 Heptachlor

R.T.: 4.675 min
Delta R.T.: -0.003 min
Response: 189758496
Conc: 51.93 ng/ml



#4 Heptachlor

R.T.: 3.799 min
Delta R.T.: -0.007 min
Response: 169138111
Conc: 49.41 ng/ml



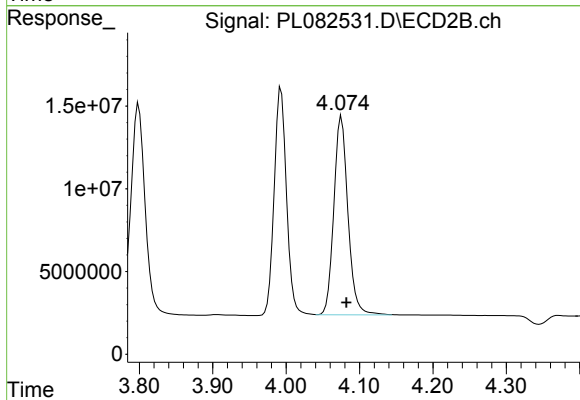
#5 Aldrin

R.T.: 5.012 min
Delta R.T.: -0.004 min
Response: 177656465
Conc: 53.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

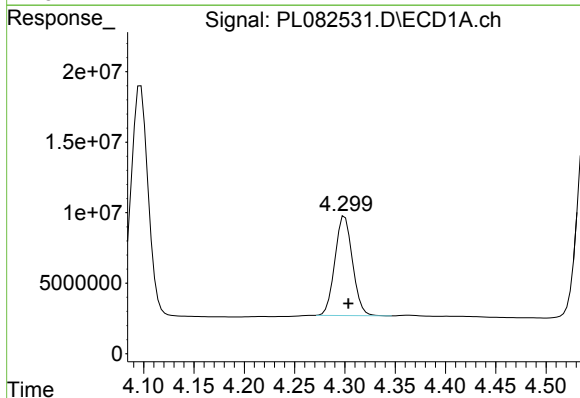
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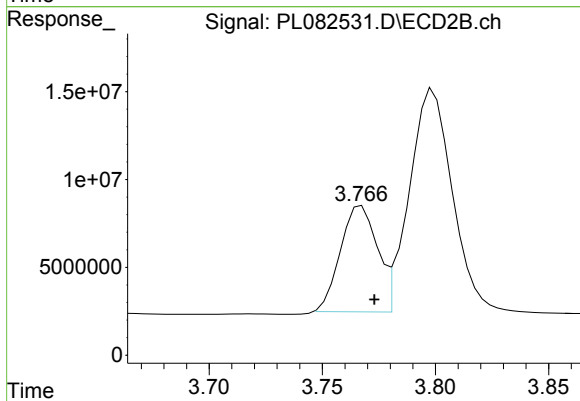
#5 Aldrin

R.T.: 4.074 min
Delta R.T.: -0.008 min
Response: 160169120
Conc: 50.85 ng/ml m



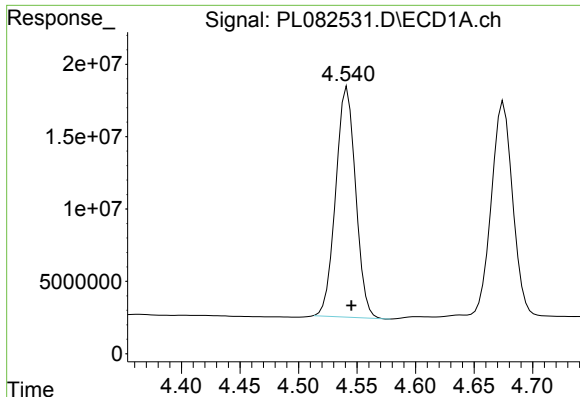
#6 beta-BHC

R.T.: 4.300 min
Delta R.T.: -0.004 min
Response: 85630176
Conc: 50.21 ng/ml



#6 beta-BHC

R.T.: 3.767 min
Delta R.T.: -0.006 min
Response: 68065117
Conc: 49.89 ng/ml



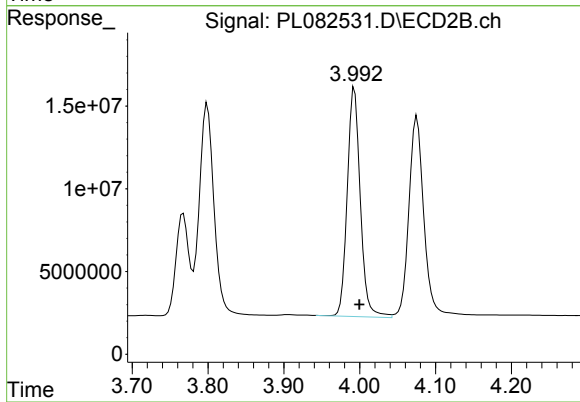
#7 delta-BHC

R.T.: 4.542 min
Delta R.T.: -0.003 min
Response: 188198404
Conc: 52.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

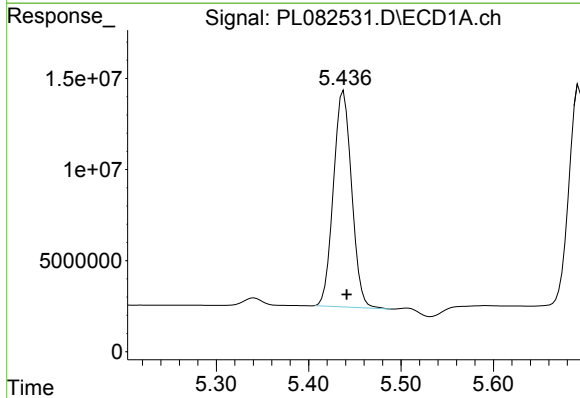
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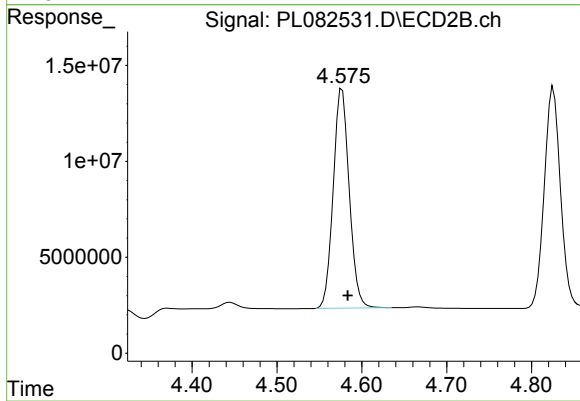
#7 delta-BHC

R.T.: 3.993 min
Delta R.T.: -0.006 min
Response: 165439206
Conc: 53.93 ng/ml



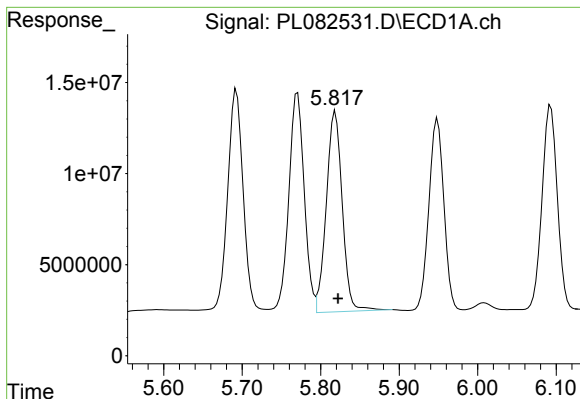
#8 Heptachlor epoxide

R.T.: 5.438 min
Delta R.T.: -0.003 min
Response: 162620079
Conc: 53.31 ng/ml



#8 Heptachlor epoxide

R.T.: 4.577 min
Delta R.T.: -0.007 min
Response: 150052396
Conc: 52.09 ng/ml



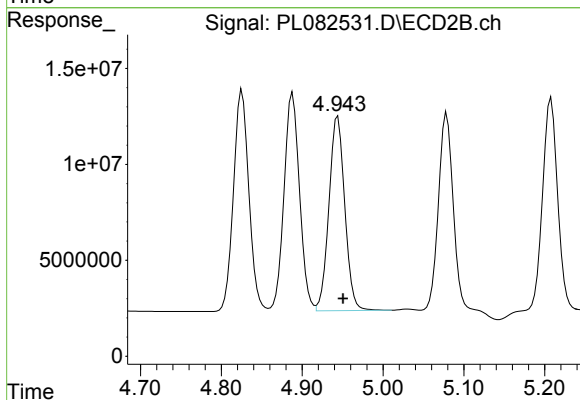
#9 Endosulfan I

R.T.: 5.819 min
Delta R.T.: -0.003 min
Response: 155485473
Conc: 56.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

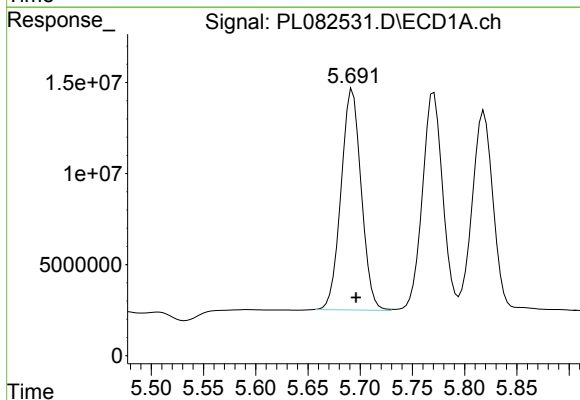
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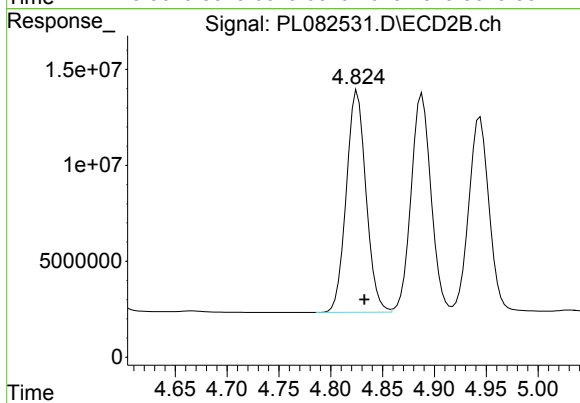
#9 Endosulfan I

R.T.: 4.944 min
Delta R.T.: -0.006 min
Response: 137896754
Conc: 51.66 ng/ml



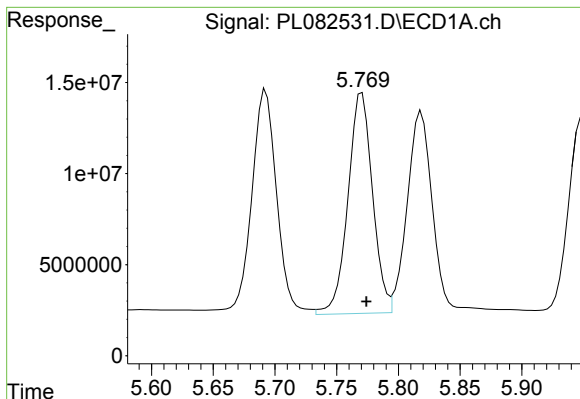
#10 gamma-Chlordane

R.T.: 5.691 min
Delta R.T.: -0.005 min
Response: 162981597
Conc: 54.20 ng/ml m



#10 gamma-Chlordane

R.T.: 4.826 min
Delta R.T.: -0.007 min
Response: 152811748
Conc: 52.66 ng/ml



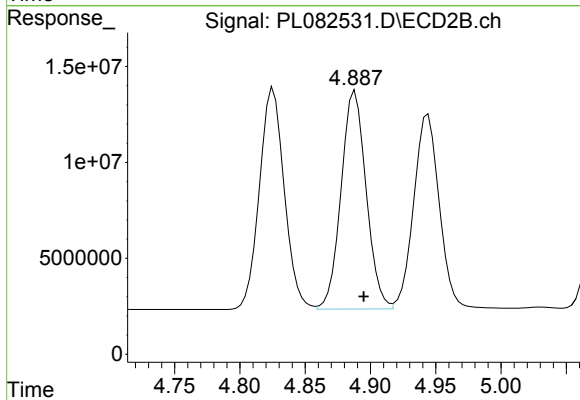
#11 alpha-Chlordane

R.T.: 5.771 min
Delta R.T.: -0.004 min
Response: 168156475
Conc: 56.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

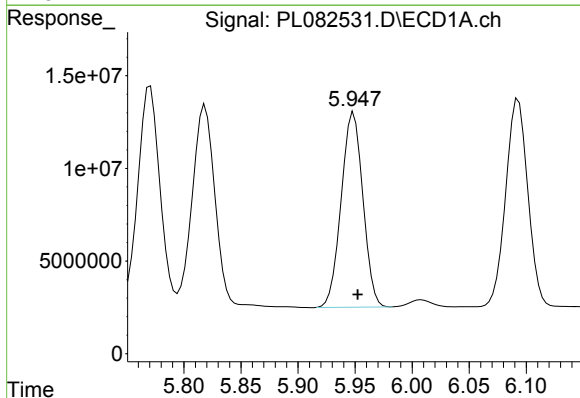
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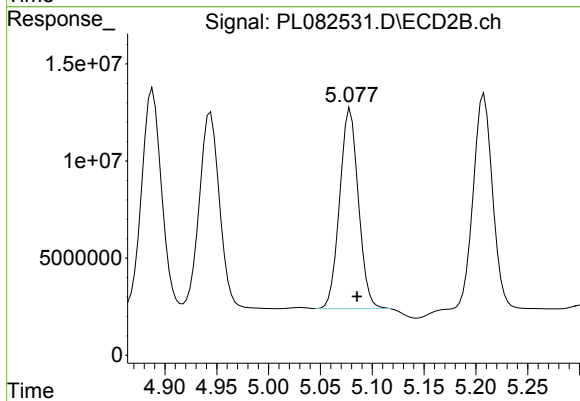
#11 alpha-Chlordane

R.T.: 4.888 min
Delta R.T.: -0.007 min
Response: 151909258
Conc: 52.33 ng/ml



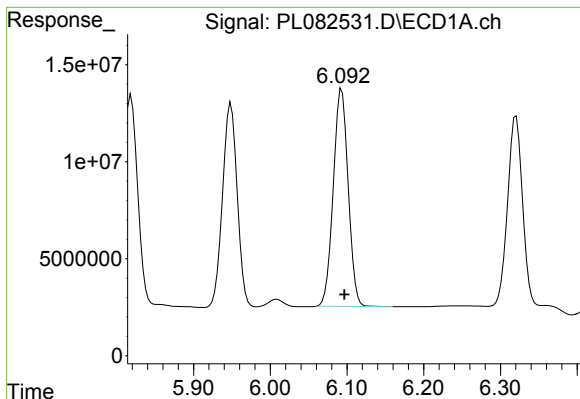
#12 4,4'-DDE

R.T.: 5.949 min
Delta R.T.: -0.003 min
Response: 139209154
Conc: 54.76 ng/ml



#12 4,4'-DDE

R.T.: 5.077 min
Delta R.T.: -0.008 min
Response: 129447648
Conc: 56.31 ng/ml m



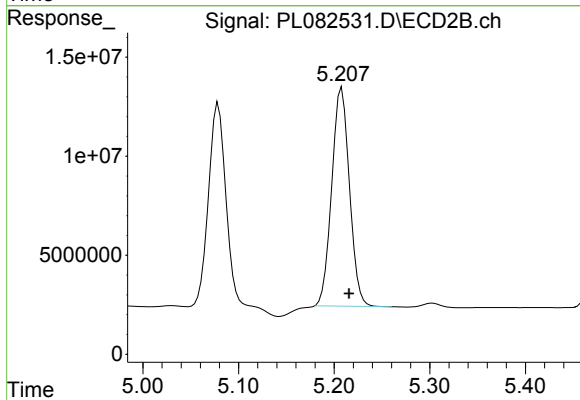
#13 Dieldrin

R.T.: 6.093 min
Delta R.T.: -0.003 min
Response: 151219947
Conc: 54.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

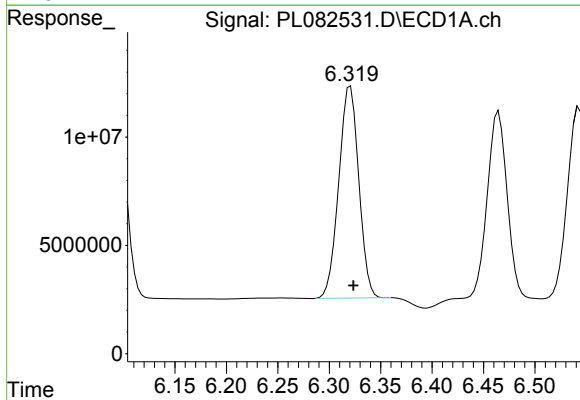
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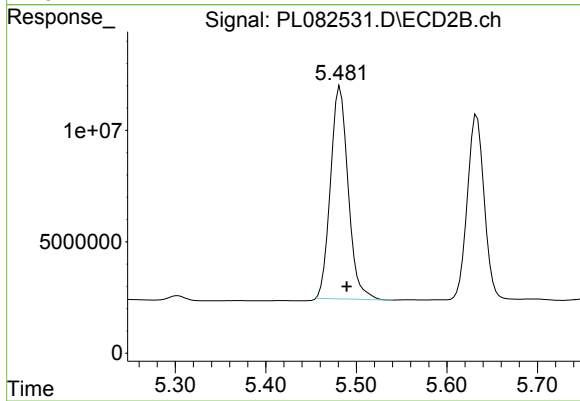
#13 Dieldrin

R.T.: 5.208 min
Delta R.T.: -0.007 min
Response: 141767121
Conc: 52.50 ng/ml



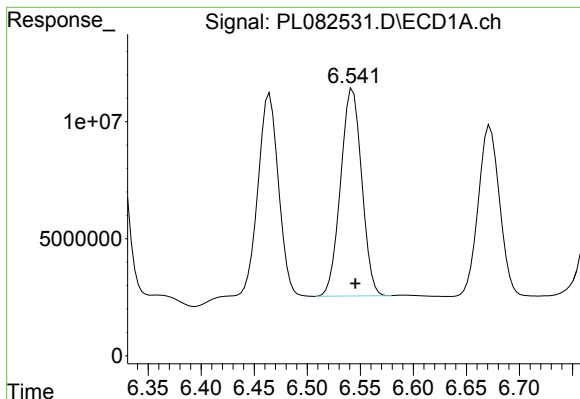
#14 Endrin

R.T.: 6.321 min
Delta R.T.: -0.003 min
Response: 132463715
Conc: 54.63 ng/ml



#14 Endrin

R.T.: 5.482 min
Delta R.T.: -0.007 min
Response: 129358194
Conc: 52.89 ng/ml



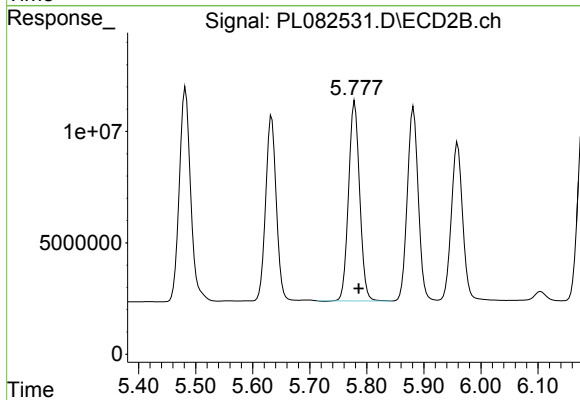
#15 Endosulfan II

R.T.: 6.543 min
Delta R.T.: -0.003 min
Response: 122453678
Conc: 50.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

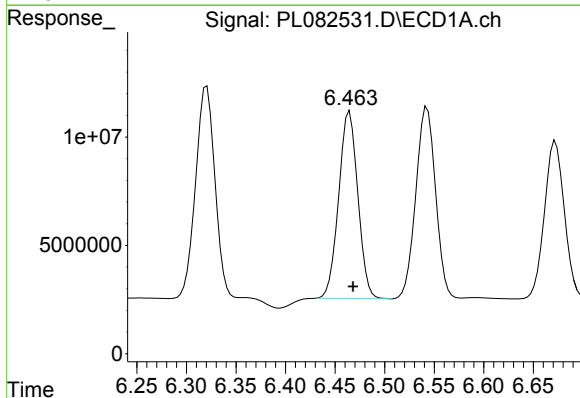
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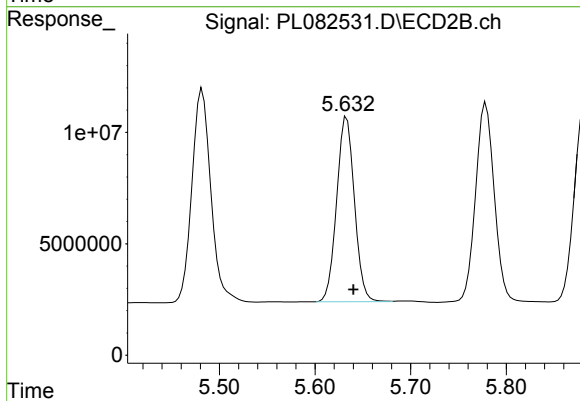
#15 Endosulfan II

R.T.: 5.779 min
Delta R.T.: -0.007 min
Response: 121469822
Conc: 53.89 ng/ml



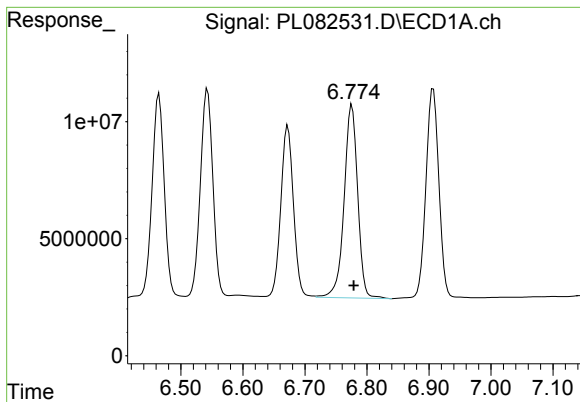
#16 4,4'-DDD

R.T.: 6.465 min
Delta R.T.: -0.004 min
Response: 116140256
Conc: 57.29 ng/ml



#16 4,4'-DDD

R.T.: 5.633 min
Delta R.T.: -0.007 min
Response: 107307086
Conc: 57.37 ng/ml



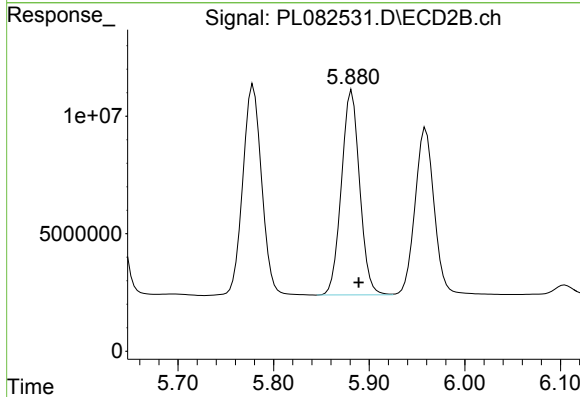
#17 4,4'-DDT

R.T.: 6.776 min
Delta R.T.: -0.003 min
Response: 125180269
Conc: 54.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

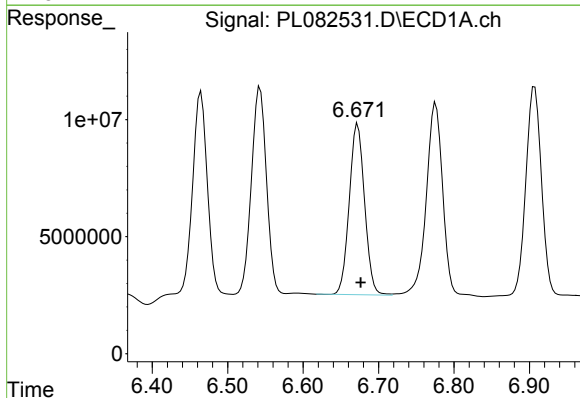
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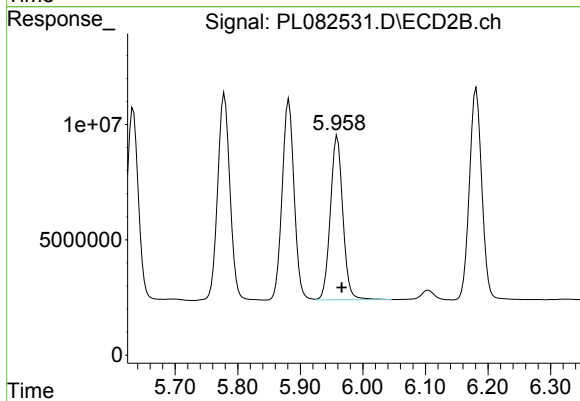
#17 4,4'-DDT

R.T.: 5.882 min
Delta R.T.: -0.007 min
Response: 115826558
Conc: 54.83 ng/ml



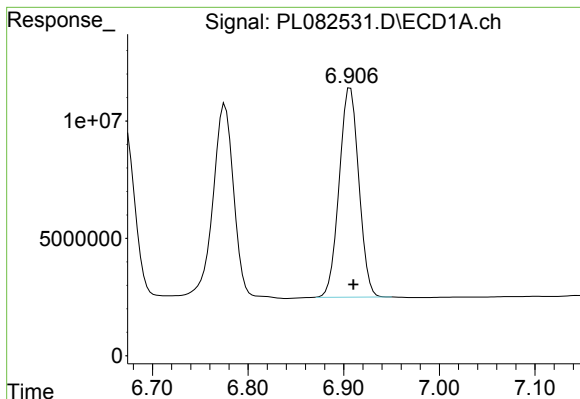
#18 Endrin aldehyde

R.T.: 6.672 min
Delta R.T.: -0.004 min
Response: 103204032
Conc: 54.77 ng/ml



#18 Endrin aldehyde

R.T.: 5.959 min
Delta R.T.: -0.007 min
Response: 98698656
Conc: 52.74 ng/ml



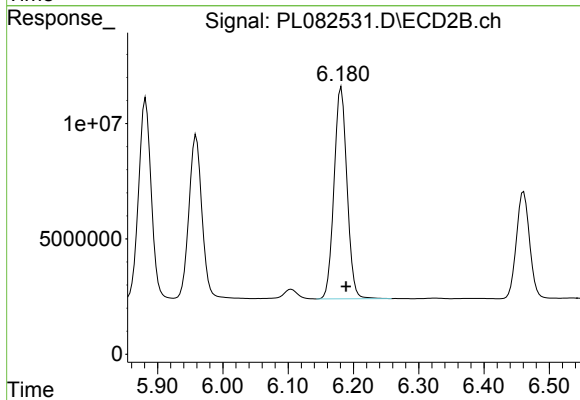
#19 Endosulfan Sulfate

R.T.: 6.907 min
Delta R.T.: -0.003 min
Response: 127484140
Conc: 53.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

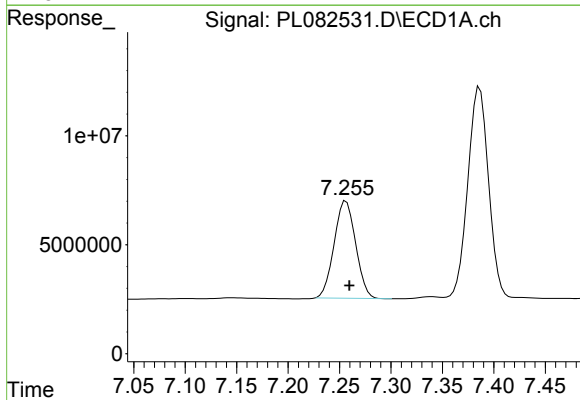
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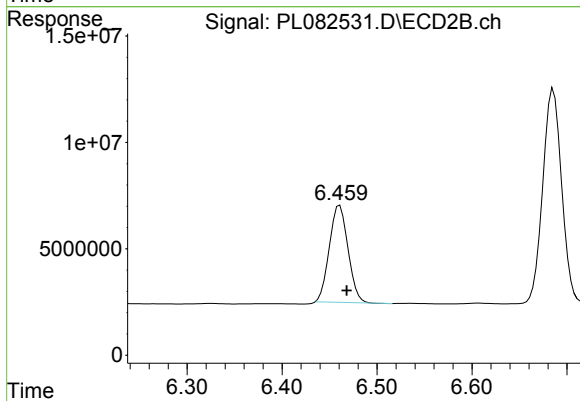
#19 Endosulfan Sulfate

R.T.: 6.181 min
Delta R.T.: -0.007 min
Response: 126515350
Conc: 53.74 ng/ml



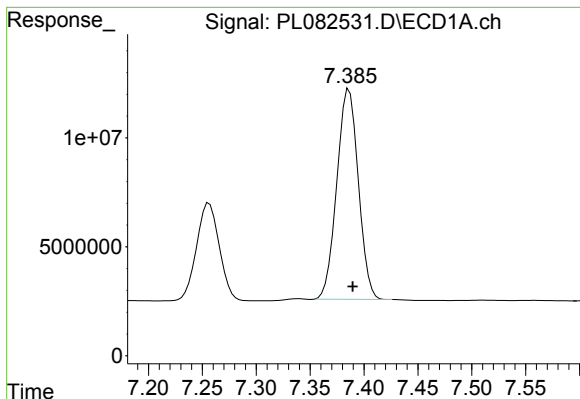
#20 Methoxychlor

R.T.: 7.256 min
Delta R.T.: -0.003 min
Response: 64979354
Conc: 53.25 ng/ml



#20 Methoxychlor

R.T.: 6.461 min
Delta R.T.: -0.007 min
Response: 62281946
Conc: 51.39 ng/ml



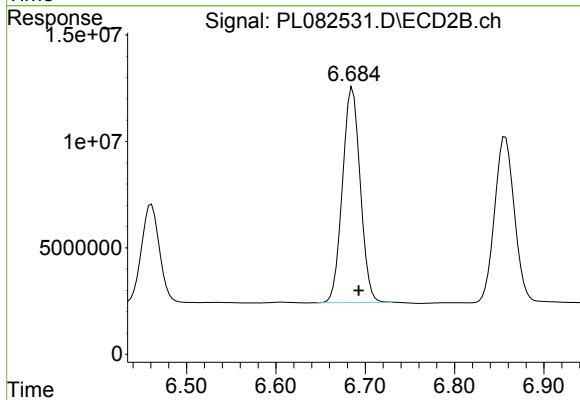
#21 Endrin ketone

R.T.: 7.386 min
Delta R.T.: -0.003 min
Response: 134106216
Conc: 56.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

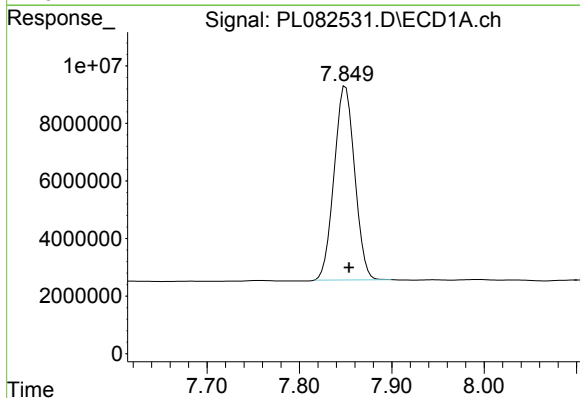
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/06/2023
Supervised By :Ankita Jodhani 05/08/2023



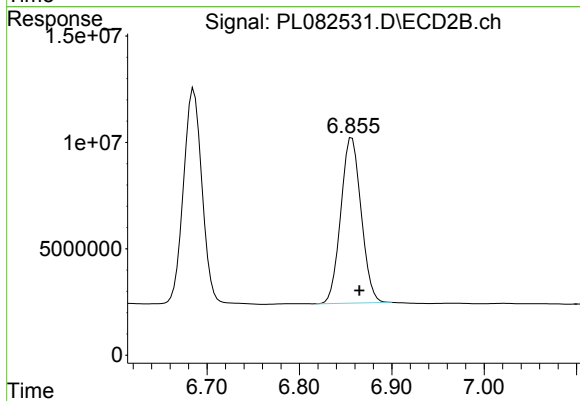
#21 Endrin ketone

R.T.: 6.684 min
Delta R.T.: -0.008 min
Response: 139590139
Conc: 55.00 ng/ml m



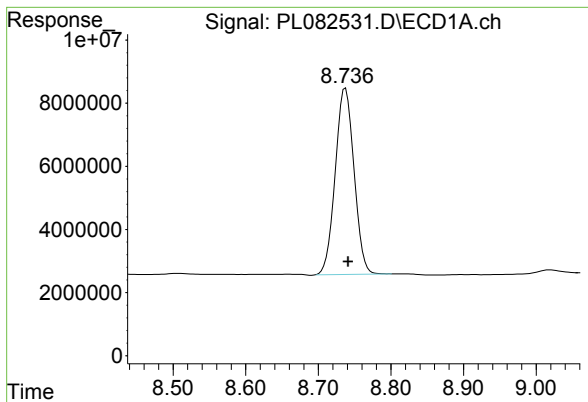
#22 Mirex

R.T.: 7.850 min
Delta R.T.: -0.004 min
Response: 103919721
Conc: 53.12 ng/ml



#22 Mirex

R.T.: 6.855 min
Delta R.T.: -0.010 min
Response: 119002837
Conc: 51.64 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.737 min
Delta R.T.: -0.004 min
Response: 106172539
Conc: 55.61 ng/ml

Instrument :

ECD_L

ClientSampleId :

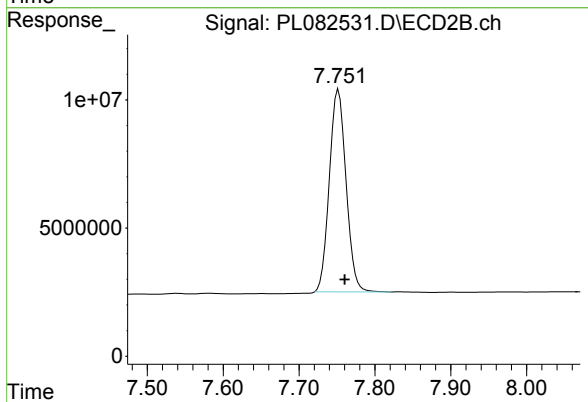
PSTDCCC050

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 7.752 min
Delta R.T.: -0.008 min
Response: 120821323
Conc: 52.93 ng/ml