

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021523\
 Data File : PL080943.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Feb 2023 15:58
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/16/2023
 Supervised By : Ankita Jodhani 02/16/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 15 20:39:30 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012023.M
 Quant Title : GC Extractables
 QLast Update : Sun Jan 22 23:56:48 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...	3.353	2.688	111.0E6	112.5E6	51.758	51.207
28)	SA Decachlor...	8.790	7.833	80724086	101.2E6	46.108	42.468
Target Compounds							
2)	A alpha-BHC	3.801	3.189	171.2E6	167.2E6	54.032	52.558
3)	MA gamma-BHC...	4.129	3.518	159.0E6	155.9E6	54.080	52.188
4)	MA Heptachlor	4.713	3.858	154.6E6	159.8E6	52.308	50.227
5)	MB Aldrin	5.051	4.137	141.4E6	148.8E6	51.684	50.443
6)	B beta-BHC	4.326	3.814	69687398	68391105	51.052	51.244
7)	B delta-BHC	4.569	4.043	155.9E6	151.6E6	53.848	52.571
8)	B Heptachlo...	5.476	4.640	131.7E6	138.4E6	50.921	49.732
9)	A Endosulfan I	5.858	5.009	120.2E6	126.3E6	50.897	48.548
10)	B gamma-Chl...	5.731	4.889	130.8E6	139.4E6	51.775	49.185m
11)	B alpha-Chl...	5.809	4.955	129.1E6	136.8E6	51.141	47.753
12)	B 4,4'-DDE	5.988	5.147	114.1E6	117.5E6	51.245	49.817
13)	MA Dieldrin	6.132	5.274	122.0E6	130.6E6	50.978	48.267
14)	MA Endrin	6.359	5.548	108.3E6	115.3E6	50.054	49.664
15)	B Endosulfa...	6.578	5.842	99724509	106.5E6	43.504	51.106
16)	A 4,4'-DDD	6.502	5.701	93145065	97956007	50.844	52.126
17)	MA 4,4'-DDT	6.815	5.952	99344997	104.2E6	47.816	49.574
18)	B Endrin al...	6.707	6.022	80300931	84799697	48.275	46.437
19)	B Endosulfa...	6.941	6.245	103.7E6	111.6E6	50.079	47.974
20)	A Methoxychlor	7.293	6.529	53103382	57529067	48.132	47.409
21)	B Endrin ke...	7.421	6.750	109.6E6	123.5E6	49.674	48.382
22)	Mirex	7.893	6.933	80968641	101.8E6	47.081	44.723

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021523\
Data File : PL080943.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Feb 2023 15:58
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

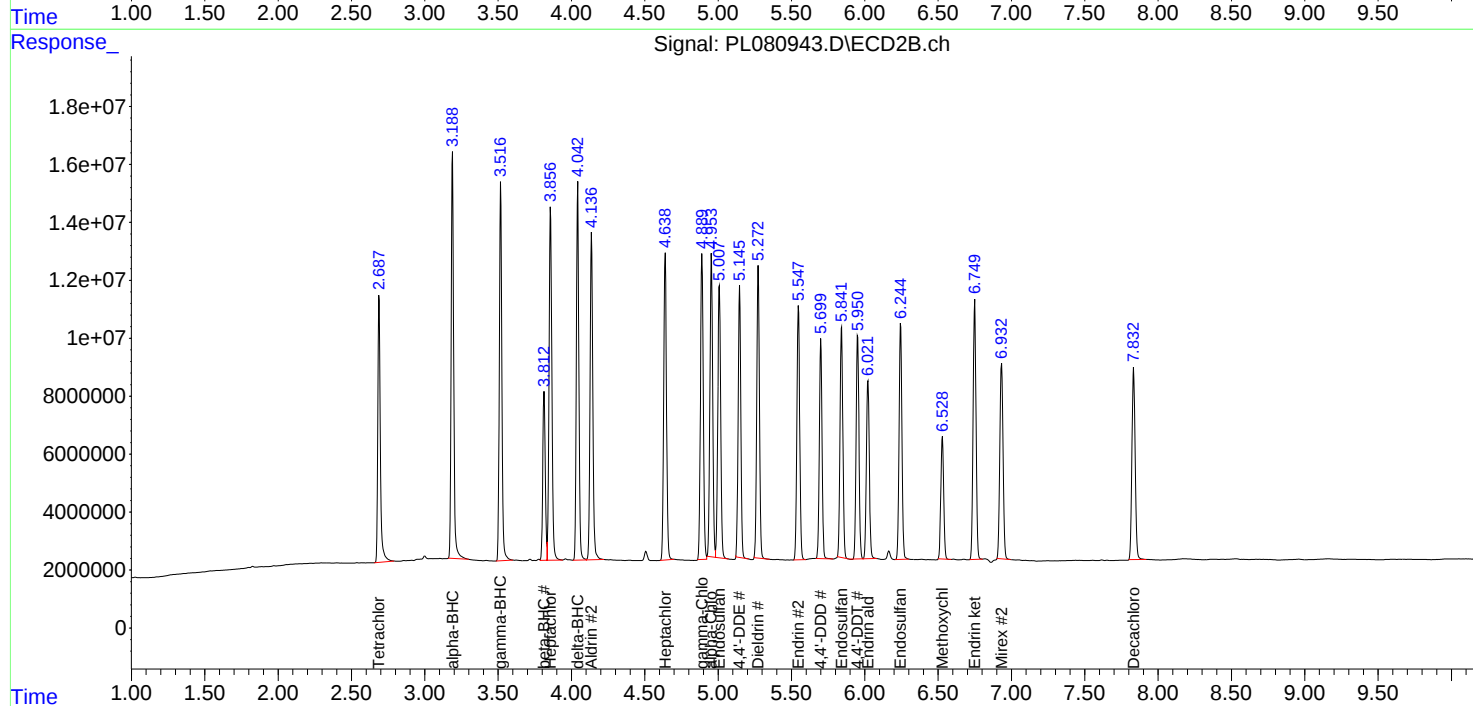
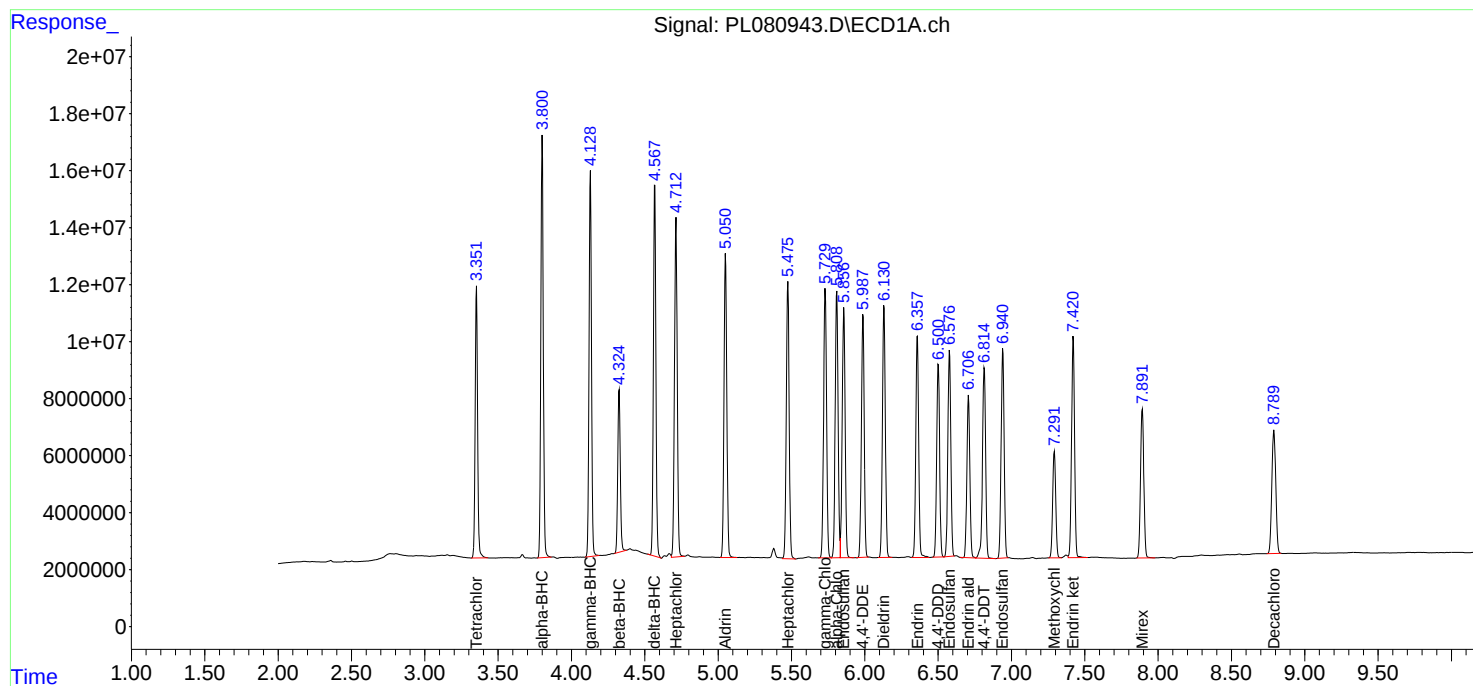
APPROVED

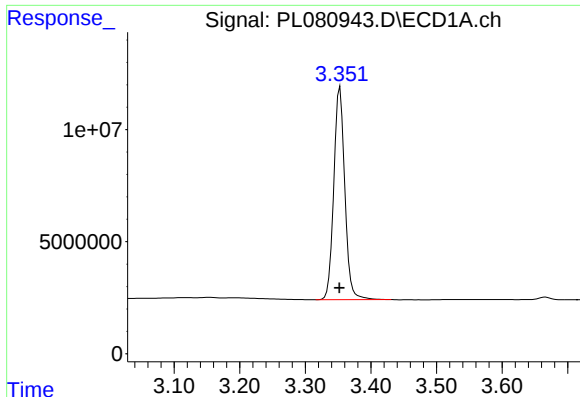
Reviewed By :Abdul Mirza 02/16/2023

Supervised By :Ankita Jodhani 02/16/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 15 20:39:30 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012023.M
Quant Title : GC Extractables
QLast Update : Sun Jan 22 23:56:48 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.: 3.353 min
Delta R.T.: 0.000 min
Response: 111011697
Conc: 51.76 ng/ml

Instrument :

ECD_L

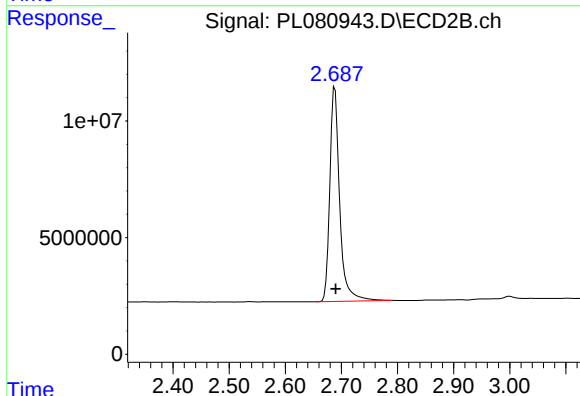
ClientSampleId :

PSTDCCC050

Manual Integrations

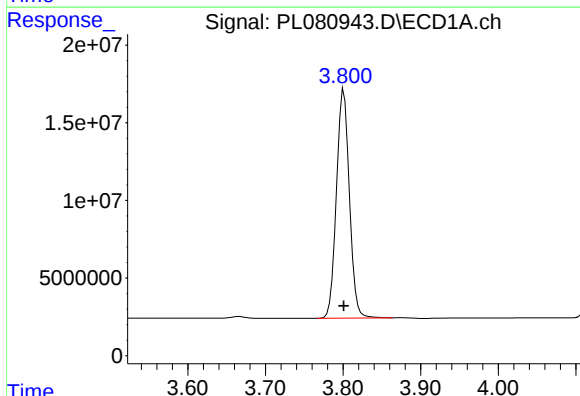
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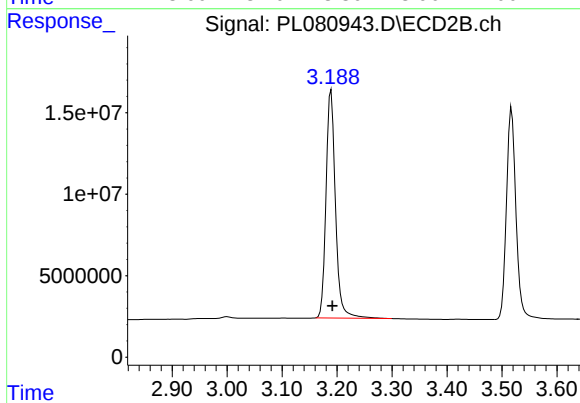
#1 Tetrachloro-m-xylene

R.T.: 2.688 min
Delta R.T.: -0.001 min
Response: 112474279
Conc: 51.21 ng/ml



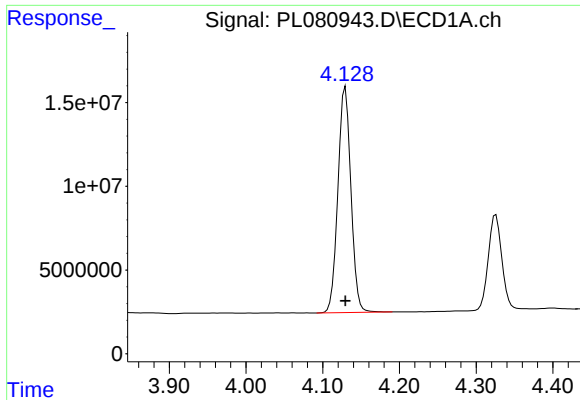
#2 alpha-BHC

R.T.: 3.801 min
Delta R.T.: 0.000 min
Response: 171173792
Conc: 54.03 ng/ml



#2 alpha-BHC

R.T.: 3.189 min
Delta R.T.: -0.002 min
Response: 167155491
Conc: 52.56 ng/ml



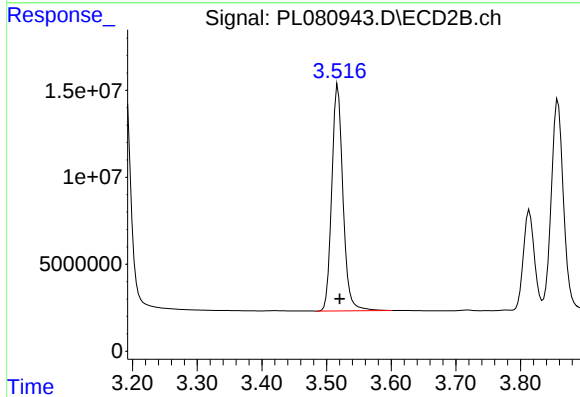
#3 gamma-BHC (Lindane)

R.T.: 4.129 min
Delta R.T.: 0.000 min
Response: 158981539
Conc: 54.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

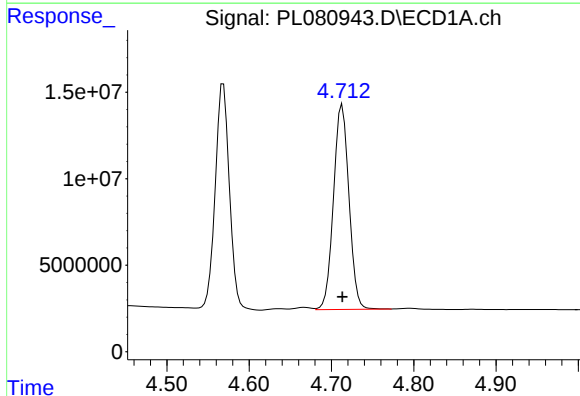
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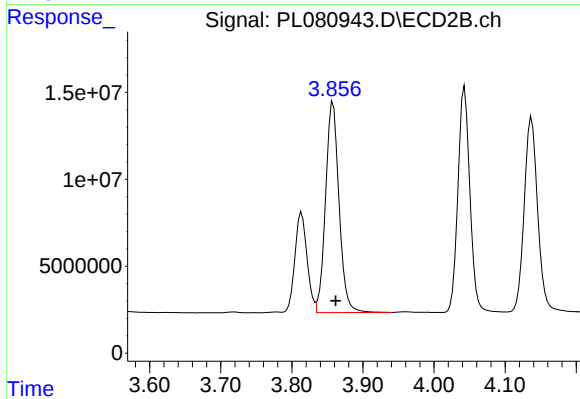
#3 gamma-BHC (Lindane)

R.T.: 3.518 min
Delta R.T.: -0.003 min
Response: 155900689
Conc: 52.19 ng/ml



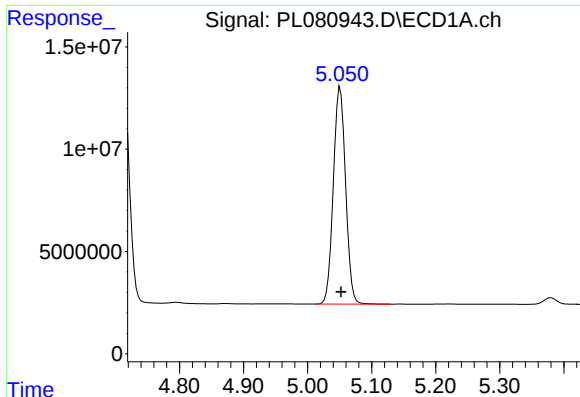
#4 Heptachlor

R.T.: 4.713 min
Delta R.T.: 0.000 min
Response: 154582739
Conc: 52.31 ng/ml



#4 Heptachlor

R.T.: 3.858 min
Delta R.T.: -0.004 min
Response: 159839835
Conc: 50.23 ng/ml



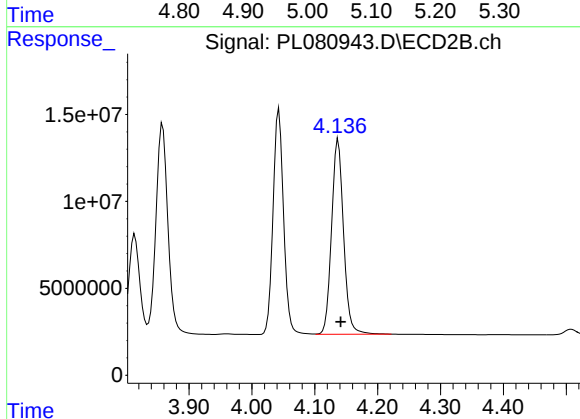
#5 Aldrin

R.T.: 5.051 min
Delta R.T.: -0.001 min
Response: 141396074
Conc: 51.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

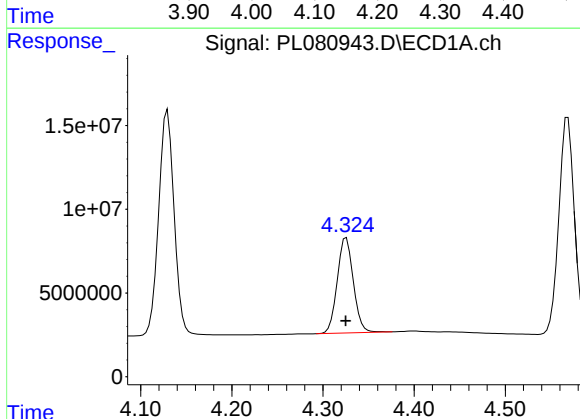
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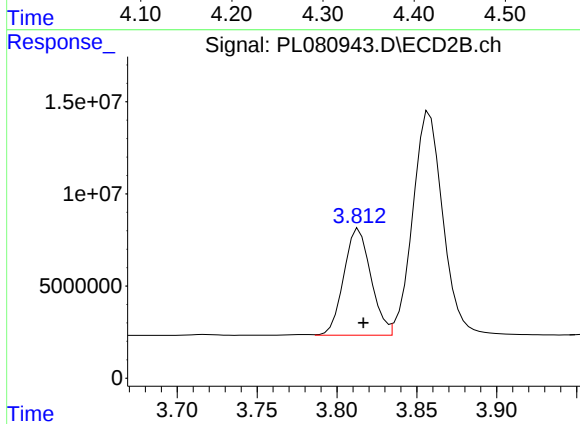
#5 Aldrin

R.T.: 4.137 min
Delta R.T.: -0.004 min
Response: 148786397
Conc: 50.44 ng/ml



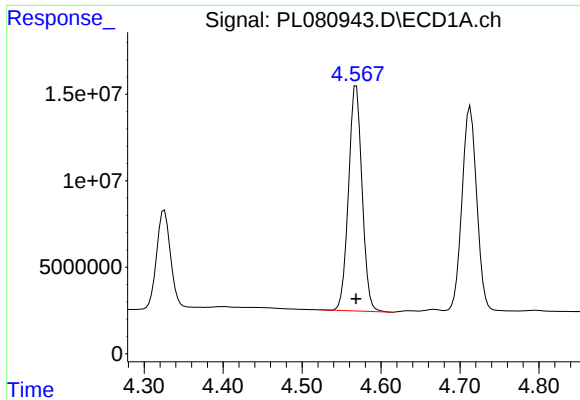
#6 beta-BHC

R.T.: 4.326 min
Delta R.T.: 0.000 min
Response: 69687398
Conc: 51.05 ng/ml



#6 beta-BHC

R.T.: 3.814 min
Delta R.T.: -0.003 min
Response: 68391105
Conc: 51.24 ng/ml



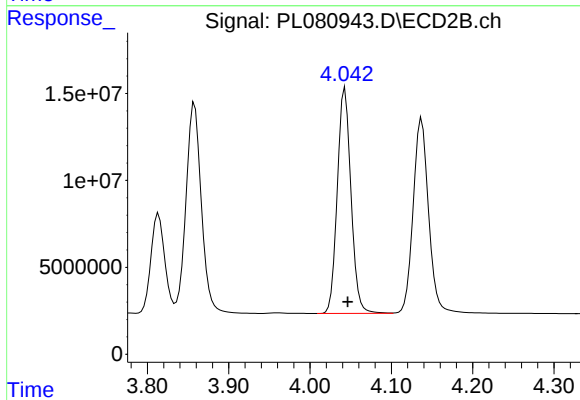
#7 delta-BHC

R.T.: 4.569 min
Delta R.T.: 0.000 min
Response: 155890621
Conc: 53.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

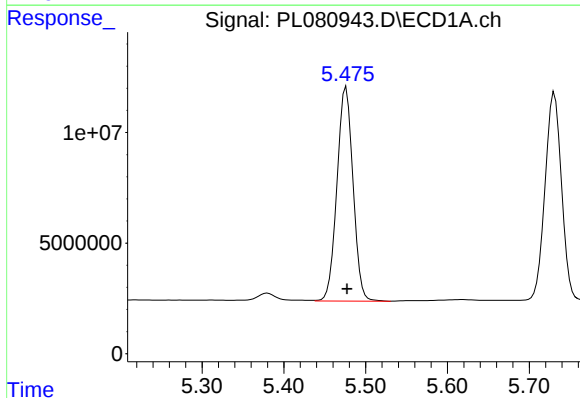
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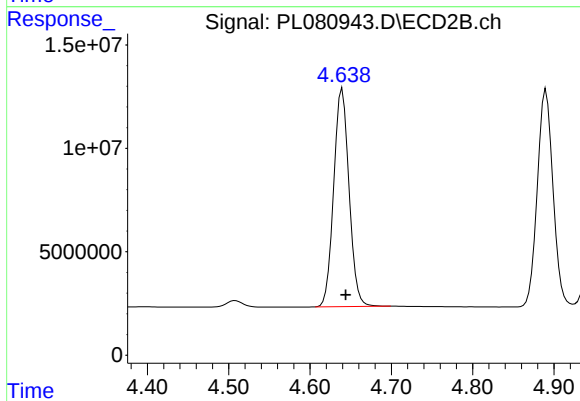
#7 delta-BHC

R.T.: 4.043 min
Delta R.T.: -0.003 min
Response: 151636628
Conc: 52.57 ng/ml



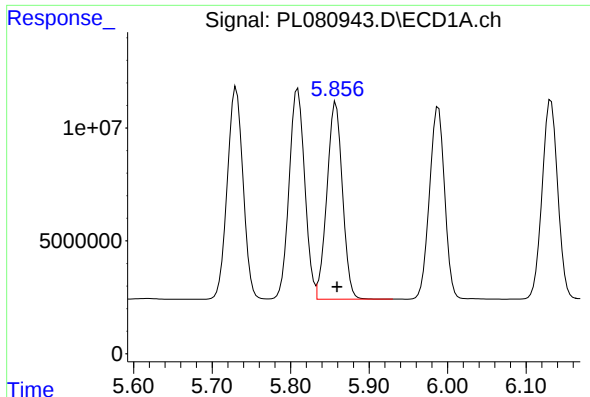
#8 Heptachlor epoxide

R.T.: 5.476 min
Delta R.T.: 0.000 min
Response: 131735229
Conc: 50.92 ng/ml



#8 Heptachlor epoxide

R.T.: 4.640 min
Delta R.T.: -0.004 min
Response: 138372118
Conc: 49.73 ng/ml



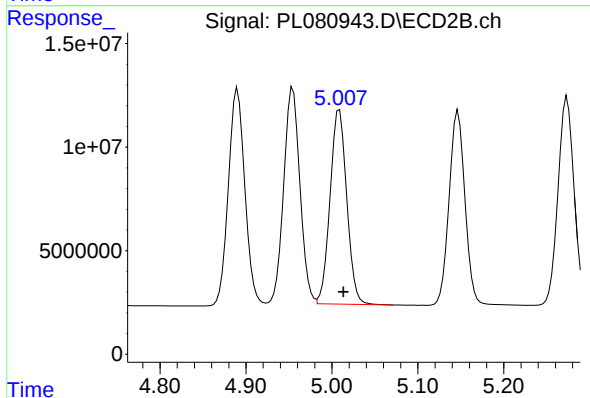
#9 Endosulfan I

R.T.: 5.858 min
Delta R.T.: -0.001 min
Response: 120191225
Conc: 50.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

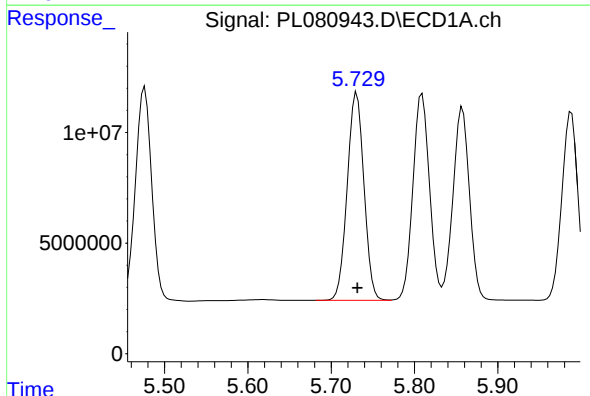
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Supervised By :Ankita Jodhani 02/16/2023



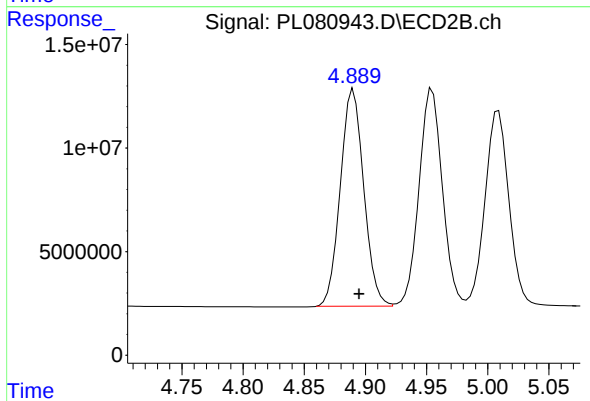
#9 Endosulfan I

R.T.: 5.009 min
Delta R.T.: -0.005 min
Response: 126289008
Conc: 48.55 ng/ml



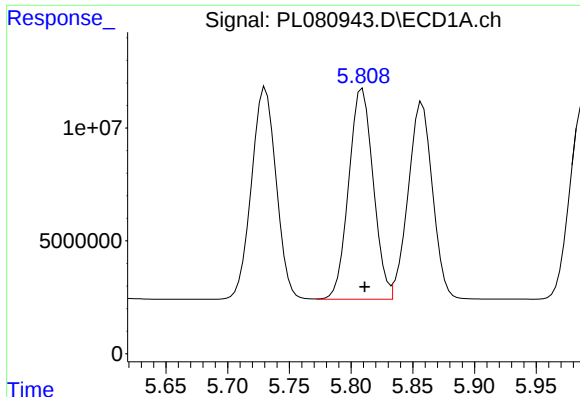
#10 gamma-Chlordane

R.T.: 5.731 min
Delta R.T.: 0.000 min
Response: 130769245
Conc: 51.77 ng/ml



#10 gamma-Chlordane

R.T.: 4.889 min
Delta R.T.: -0.006 min
Response: 139401310
Conc: 49.18 ng/ml m



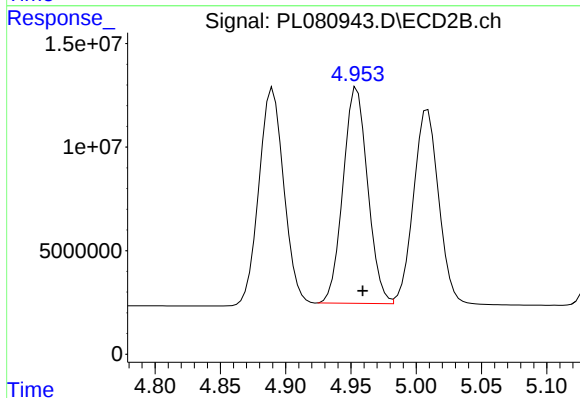
#11 alpha-Chlordane

R.T.: 5.809 min
Delta R.T.: -0.002 min
Response: 129093938
Conc: 51.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

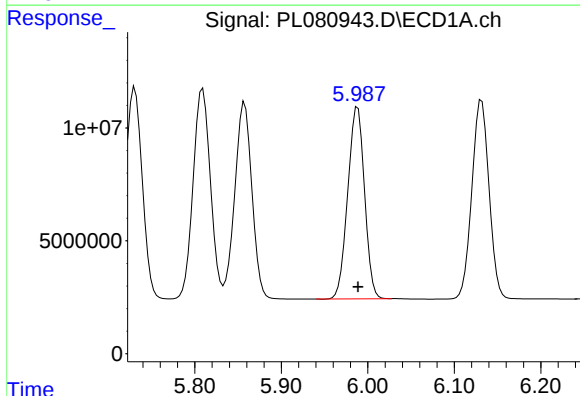
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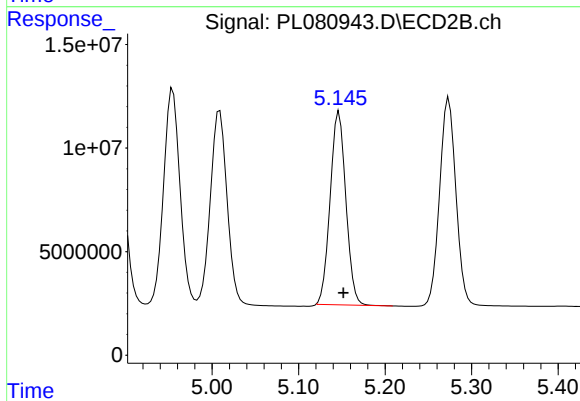
#11 alpha-Chlordane

R.T.: 4.955 min
Delta R.T.: -0.005 min
Response: 136795593
Conc: 47.75 ng/ml



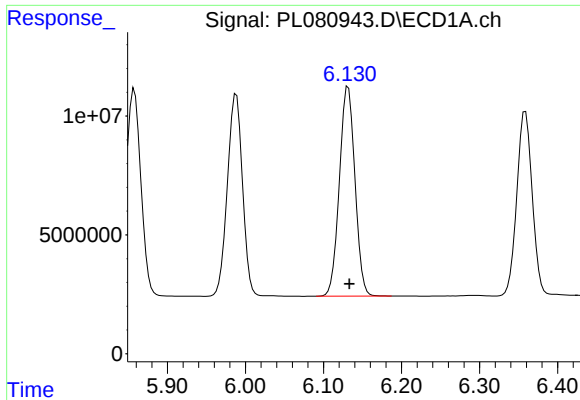
#12 4,4'-DDE

R.T.: 5.988 min
Delta R.T.: 0.000 min
Response: 114141377
Conc: 51.25 ng/ml



#12 4,4'-DDE

R.T.: 5.147 min
Delta R.T.: -0.005 min
Response: 117509785
Conc: 49.82 ng/ml



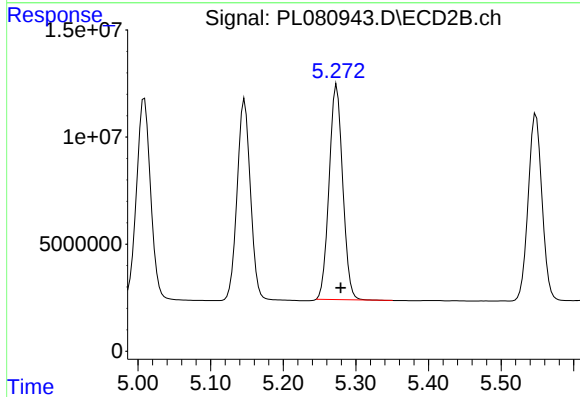
#13 Dieldrin

R.T.: 6.132 min
Delta R.T.: -0.002 min
Response: 122008019
Conc: 50.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

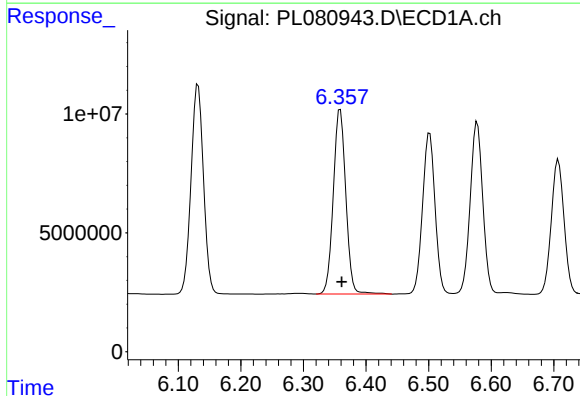
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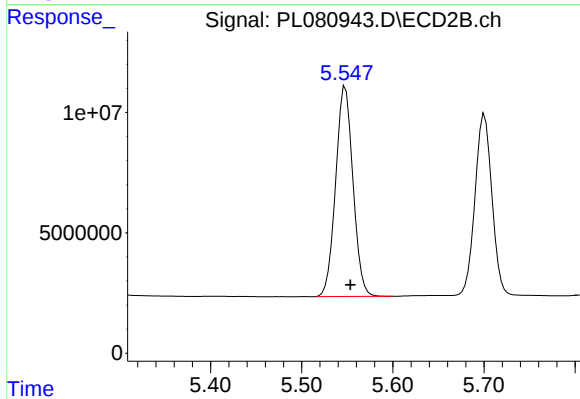
#13 Dieldrin

R.T.: 5.274 min
Delta R.T.: -0.005 min
Response: 130559851
Conc: 48.27 ng/ml



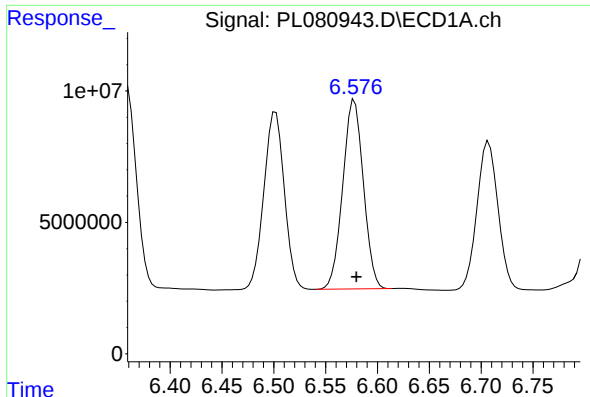
#14 Endrin

R.T.: 6.359 min
Delta R.T.: -0.003 min
Response: 108252193
Conc: 50.05 ng/ml



#14 Endrin

R.T.: 5.548 min
Delta R.T.: -0.006 min
Response: 115277700
Conc: 49.66 ng/ml



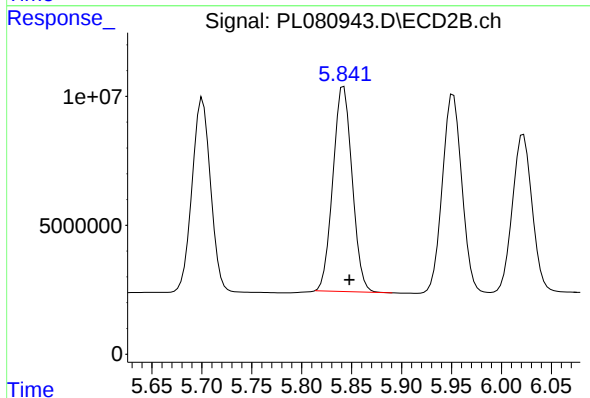
#15 Endosulfan II

R.T.: 6.578 min
Delta R.T.: -0.002 min
Response: 99724509
Conc: 43.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

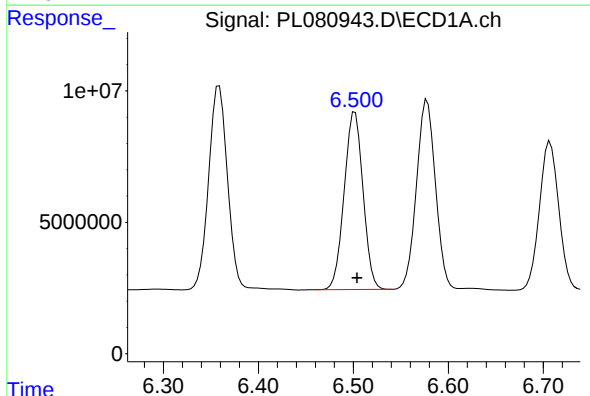
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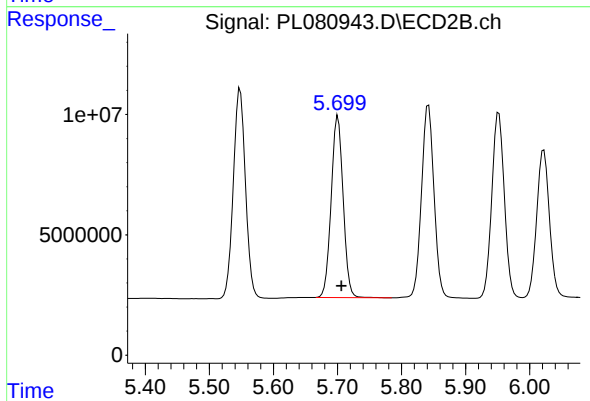
#15 Endosulfan II

R.T.: 5.842 min
Delta R.T.: -0.006 min
Response: 106491300
Conc: 51.11 ng/ml



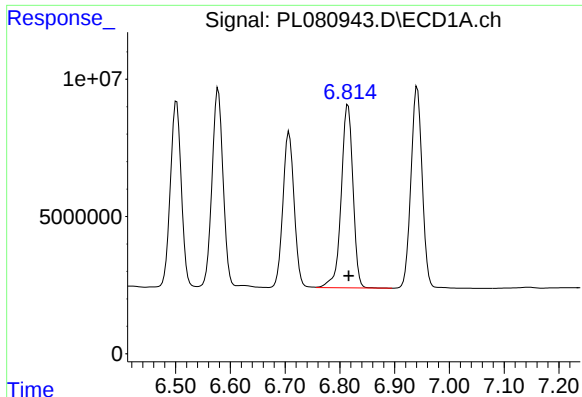
#16 4,4'-DDD

R.T.: 6.502 min
Delta R.T.: -0.002 min
Response: 93145065
Conc: 50.84 ng/ml



#16 4,4'-DDD

R.T.: 5.701 min
Delta R.T.: -0.006 min
Response: 97956007
Conc: 52.13 ng/ml



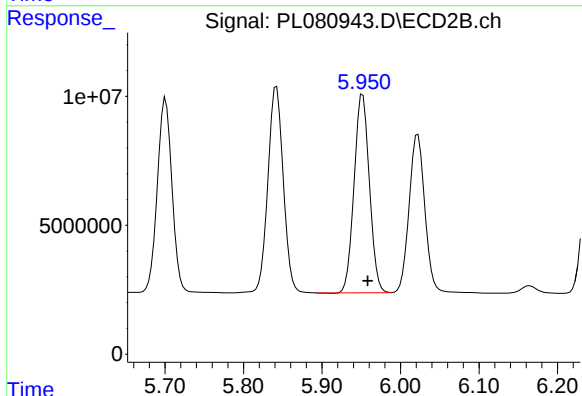
#17 4,4'-DDT

R.T.: 6.815 min
Delta R.T.: -0.001 min
Response: 99344997
Conc: 47.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

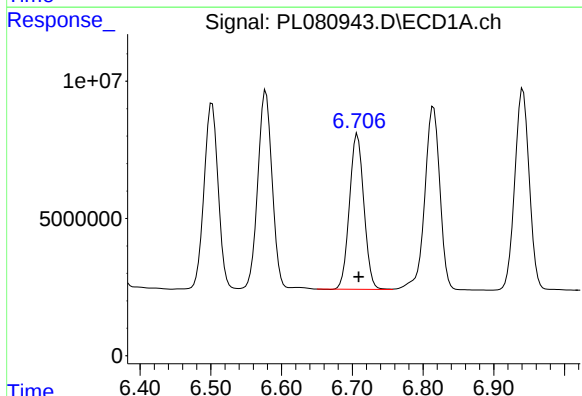
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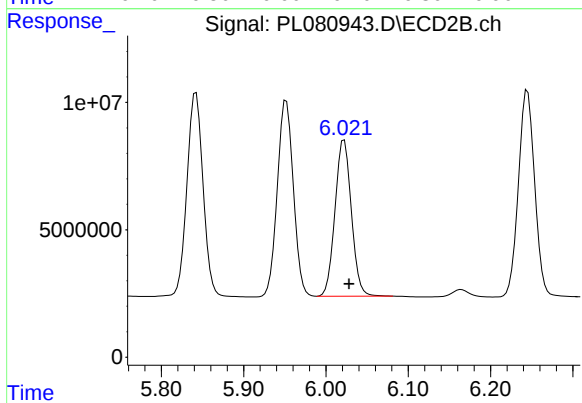
#17 4,4'-DDT

R.T.: 5.952 min
Delta R.T.: -0.007 min
Response: 104179814
Conc: 49.57 ng/ml



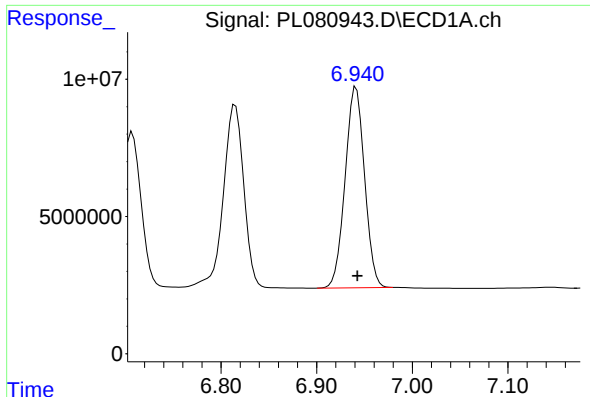
#18 Endrin aldehyde

R.T.: 6.707 min
Delta R.T.: -0.002 min
Response: 80300931
Conc: 48.27 ng/ml



#18 Endrin aldehyde

R.T.: 6.022 min
Delta R.T.: -0.006 min
Response: 84799697
Conc: 46.44 ng/ml



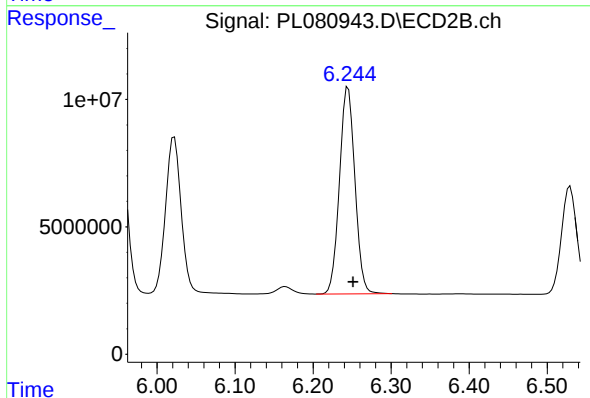
#19 Endosulfan Sulfate

R.T.: 6.941 min
Delta R.T.: -0.001 min
Response: 103660066
Conc: 50.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

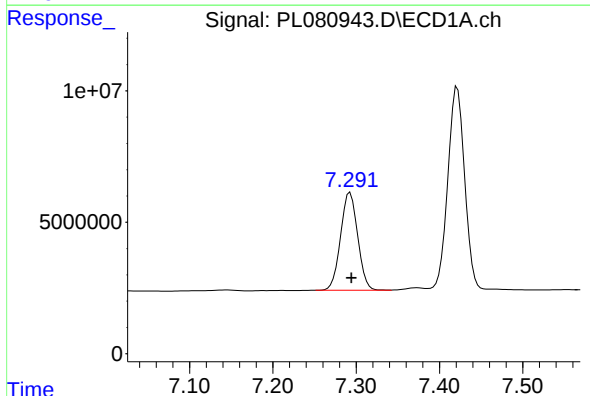
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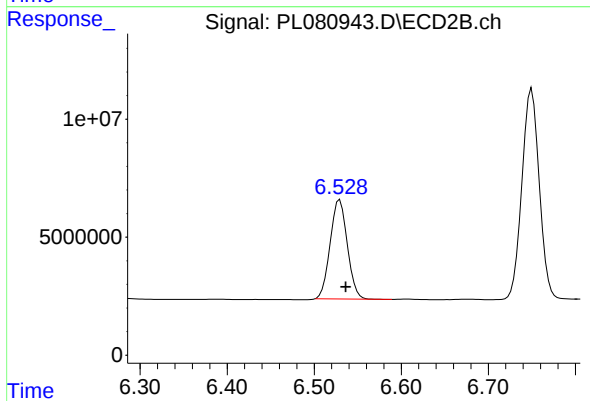
#19 Endosulfan Sulfate

R.T.: 6.245 min
Delta R.T.: -0.006 min
Response: 111571097
Conc: 47.97 ng/ml



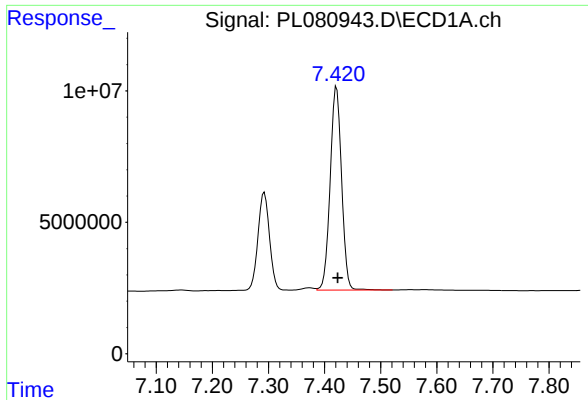
#20 Methoxychlor

R.T.: 7.293 min
Delta R.T.: -0.002 min
Response: 53103382
Conc: 48.13 ng/ml



#20 Methoxychlor

R.T.: 6.529 min
Delta R.T.: -0.007 min
Response: 57529067
Conc: 47.41 ng/ml



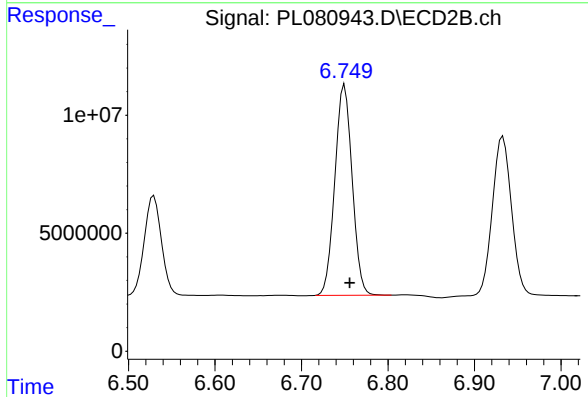
#21 Endrin ketone

R.T.: 7.421 min
Delta R.T.: -0.002 min
Response: 109597431
Conc: 49.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

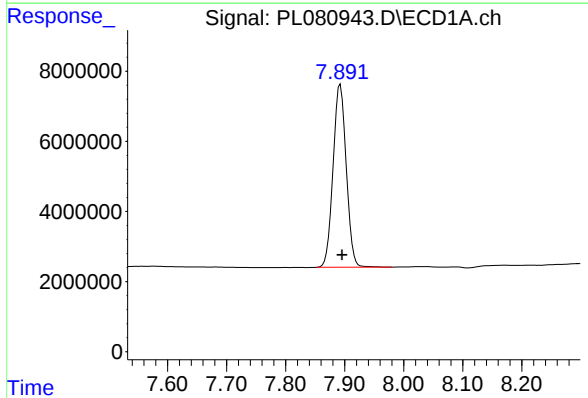
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/16/2023
Supervised By :Ankita Jodhani 02/16/2023



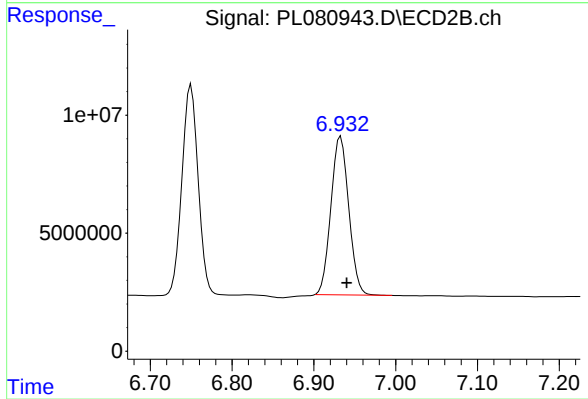
#21 Endrin ketone

R.T.: 6.750 min
Delta R.T.: -0.006 min
Response: 123529876
Conc: 48.38 ng/ml



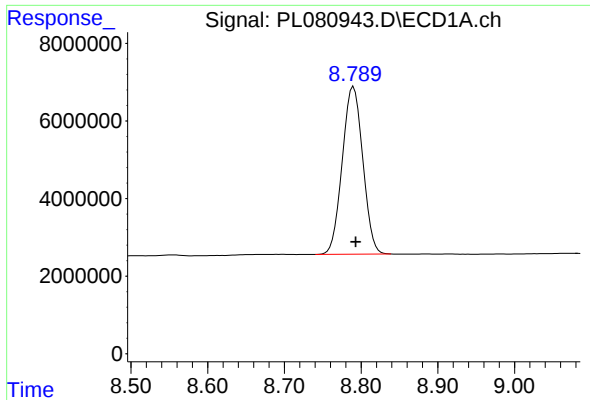
#22 Mirex

R.T.: 7.893 min
Delta R.T.: -0.003 min
Response: 80968641
Conc: 47.08 ng/ml



#22 Mirex

R.T.: 6.933 min
Delta R.T.: -0.007 min
Response: 101822588
Conc: 44.72 ng/ml



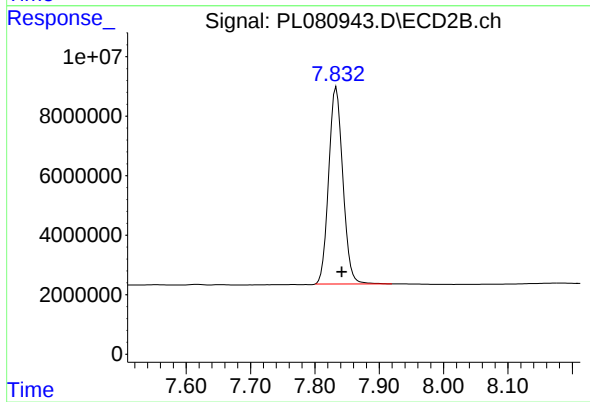
#28 Decachlorobiphenyl

R.T.: 8.790 min
Delta R.T.: -0.003 min
Response: 80724086
Conc: 46.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.833 min
Delta R.T.: -0.009 min
Response: 101182002
Conc: 42.47 ng/ml