

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020223\
 Data File : PL080701.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Feb 2023 15:28
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/03/2023
 Supervised By : Ankita Jodhani 02/03/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 02 21:19:31 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...	3.354	2.688	115.8E6	118.3E6	53.969	53.864
28)	SA Decachlor...	8.791	7.836	86757344	103.4E6	49.554	43.405
Target Compounds							
2)	A alpha-BHC	3.802	3.189	177.1E6	173.4E6	55.901	54.531
3)	MA gamma-BHC...	4.130	3.518	161.8E6	161.9E6	55.040	54.195
4)	MA Heptachlor	4.714	3.858	155.8E6	162.6E6	52.706	51.105
5)	MB Aldrin	5.053	4.138	146.3E6	154.3E6	53.469	52.307
6)	B beta-BHC	4.327	3.814	69786684	70732217	51.125	52.998
7)	B delta-BHC	4.570	4.043	159.4E6	157.3E6	55.075	54.540
8)	B Heptachlo...	5.477	4.641	135.2E6	142.1E6	52.274	51.074
9)	A Endosulfan I	5.859	5.010	122.1E6	130.7E6	51.685	50.237
10)	B gamma-Chl...	5.732	4.890	132.7E6	144.5E6	52.558	50.996m
11)	B alpha-Chl...	5.812	4.956	130.7E6	141.4E6	51.789	49.367
12)	B 4,4'-DDE	5.989	5.147	115.0E6	122.3E6	51.634	51.853m
13)	MA Dieldrin	6.133	5.274	122.0E6	135.7E6	50.995	50.170m
14)	MA Endrin	6.360	5.549	102.8E6	104.9E6	47.514	45.202
15)	B Endosulfa...	6.580	5.844	100.9E6	108.2E6	44.007	51.916
16)	A 4,4'-DDD	6.503	5.702	97658940	100.1E6	53.308	53.293
17)	MA 4,4'-DDT	6.816	5.954	90895505	96982957	43.749	46.150
18)	B Endrin al...	6.709	6.024	81277107	86591642	48.862	47.419
19)	B Endosulfa...	6.942	6.247	103.0E6	112.3E6	49.771	48.269
20)	A Methoxychlor	7.294	6.531	49288028	53846676	44.674	44.374
21)	B Endrin ke...	7.423	6.751	116.4E6	125.9E6	52.746	49.323
22)	Mirex	7.894	6.935	84021242	100.1E6	48.856	43.966

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

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Acq On : 02 Feb 2023 15:28
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

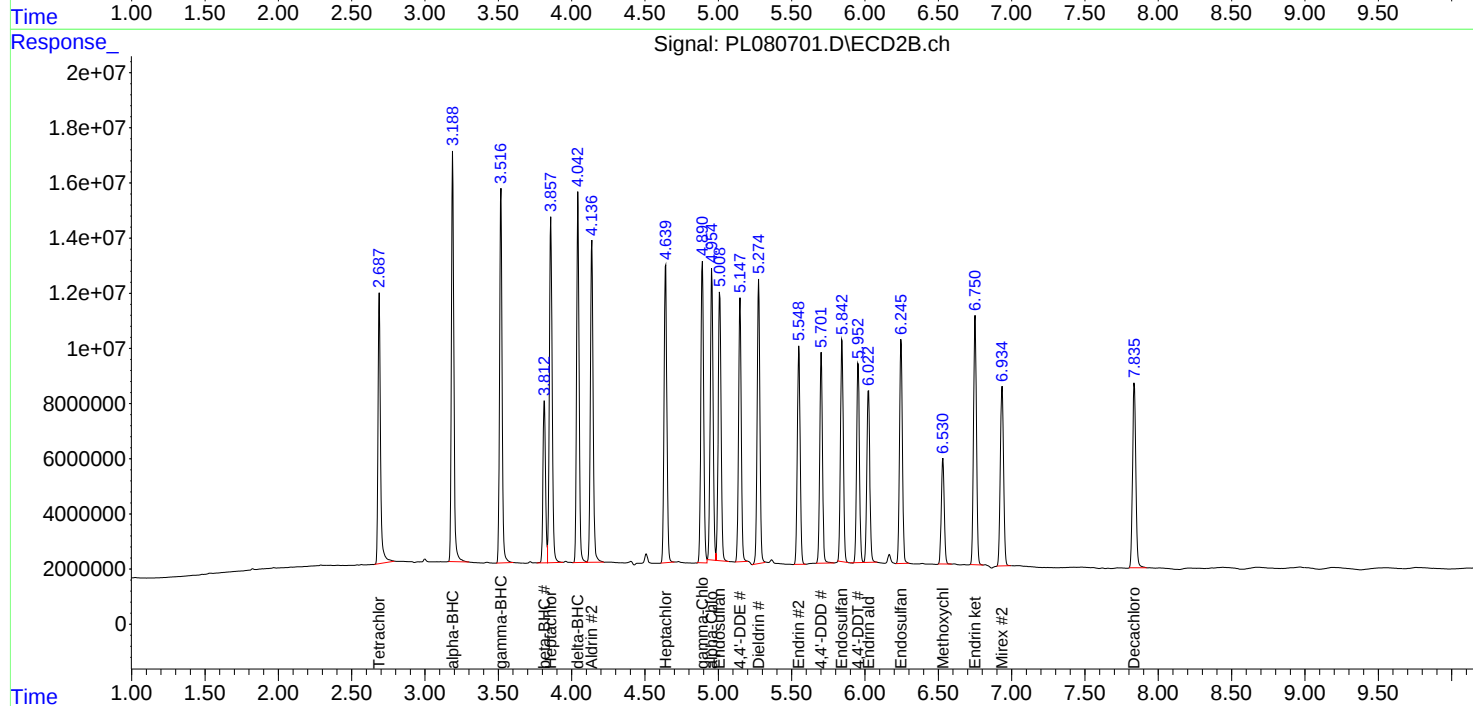
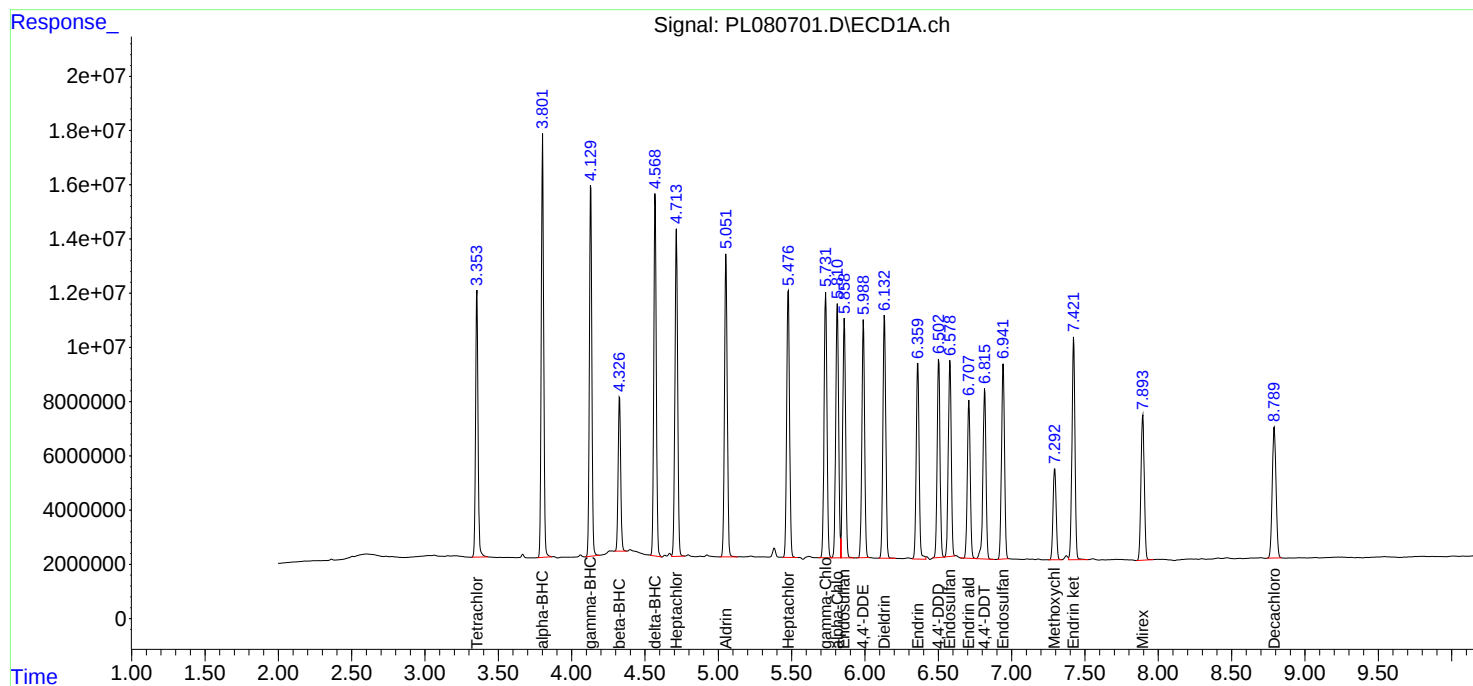
Manual Integrations

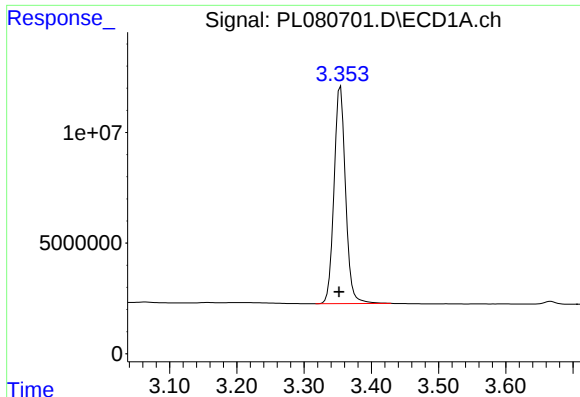
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Supervised By :Ankita Jodhani 02/03/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 02 21:19:31 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012023.M
Quant Title : GC Extractables
QLast Update : Sun Jan 22 23:56:48 2023
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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





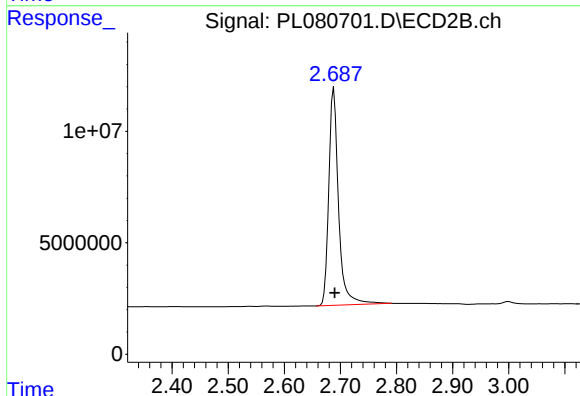
#1 Tetrachloro-m-xylene

R.T.: 3.354 min
Delta R.T.: 0.002 min
Response: 115754242
Conc: 53.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

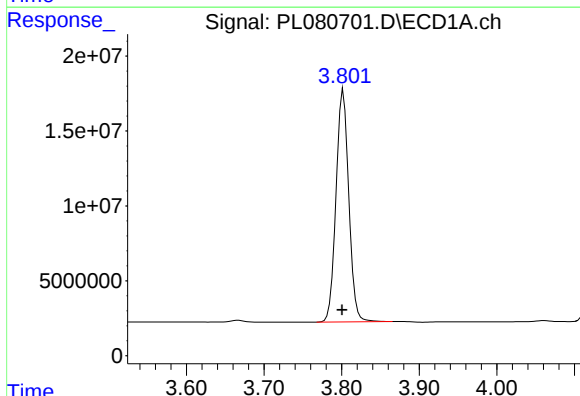
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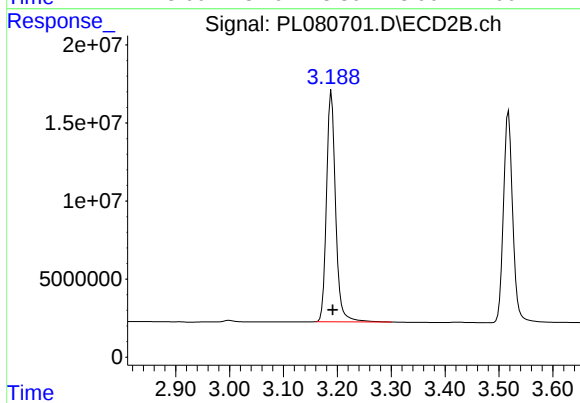
#1 Tetrachloro-m-xylene

R.T.: 2.688 min
Delta R.T.: -0.001 min
Response: 118310293
Conc: 53.86 ng/ml



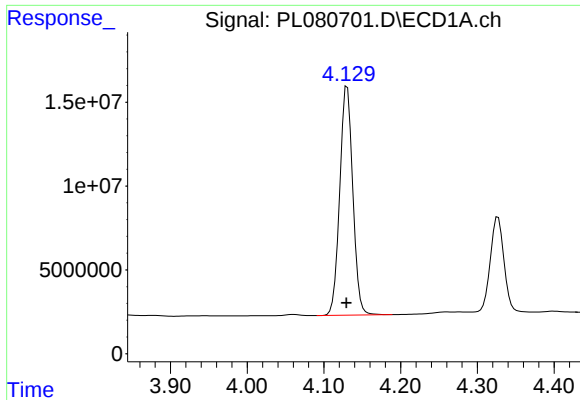
#2 alpha-BHC

R.T.: 3.802 min
Delta R.T.: 0.001 min
Response: 177094993
Conc: 55.90 ng/ml



#2 alpha-BHC

R.T.: 3.189 min
Delta R.T.: -0.002 min
Response: 173431428
Conc: 54.53 ng/ml



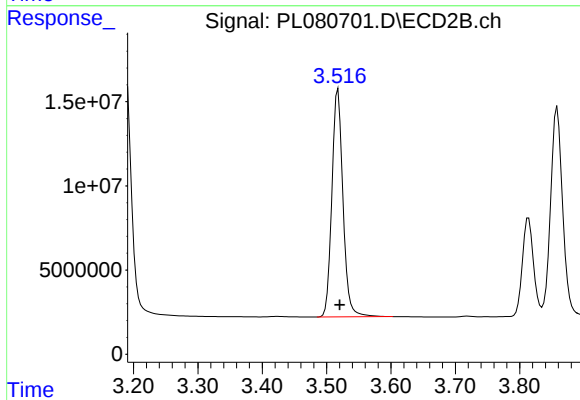
#3 gamma-BHC (Lindane)

R.T.: 4.130 min
Delta R.T.: 0.000 min
Response: 161804078
Conc: 55.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

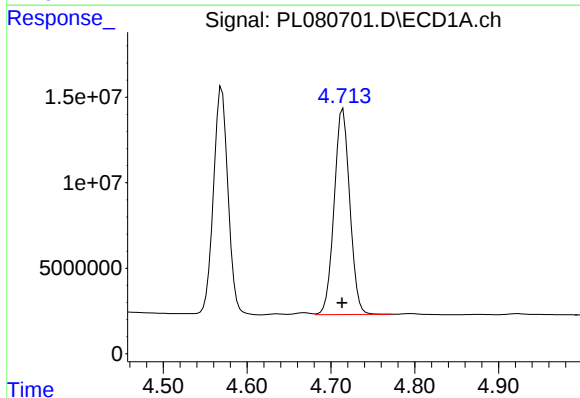
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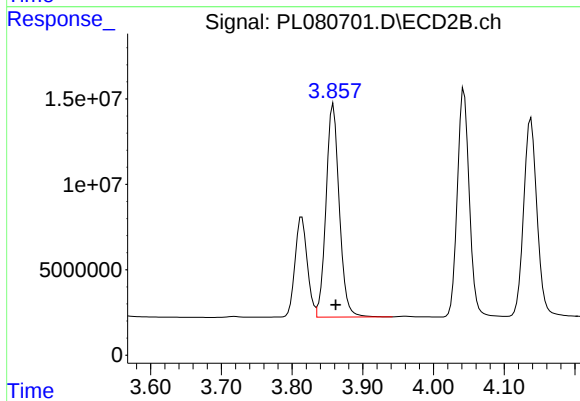
#3 gamma-BHC (Lindane)

R.T.: 3.518 min
Delta R.T.: -0.003 min
Response: 161897618
Conc: 54.20 ng/ml



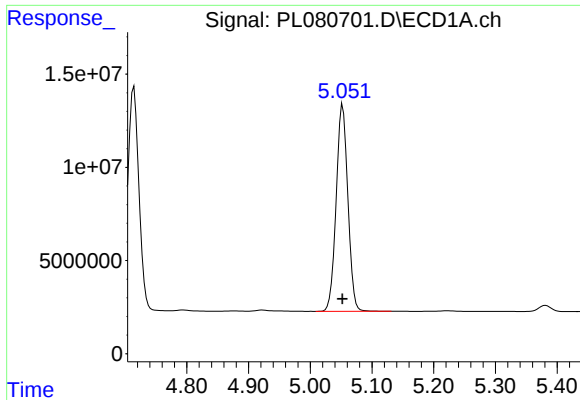
#4 Heptachlor

R.T.: 4.714 min
Delta R.T.: 0.000 min
Response: 155757627
Conc: 52.71 ng/ml



#4 Heptachlor

R.T.: 3.858 min
Delta R.T.: -0.003 min
Response: 162635308
Conc: 51.11 ng/ml



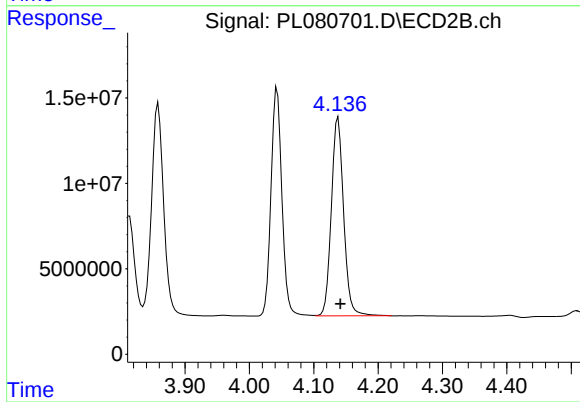
#5 Aldrin

R.T.: 5.053 min
Delta R.T.: 0.000 min
Response: 146279225
Conc: 53.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

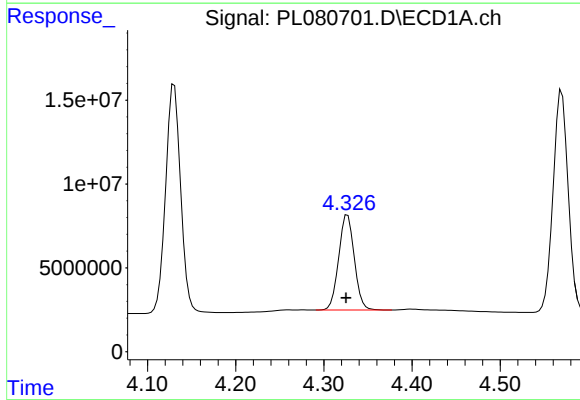
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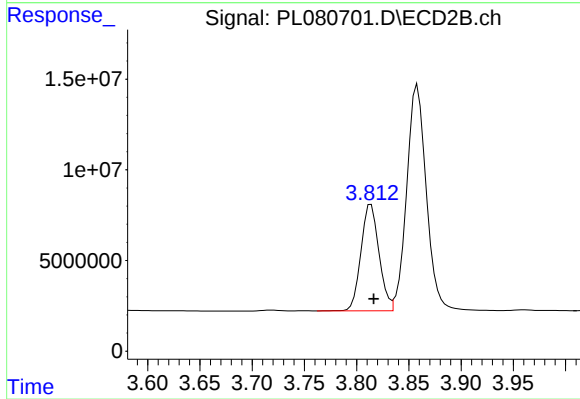
#5 Aldrin

R.T.: 4.138 min
Delta R.T.: -0.003 min
Response: 154282800
Conc: 52.31 ng/ml



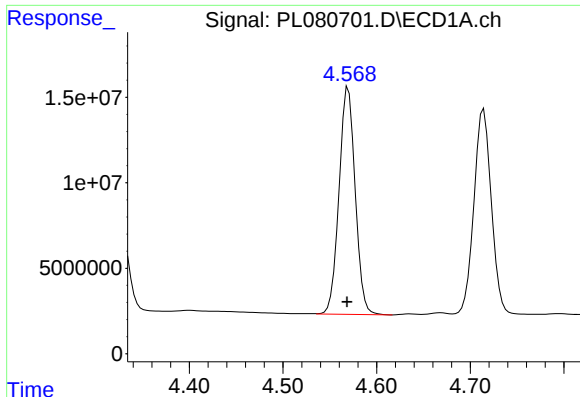
#6 beta-BHC

R.T.: 4.327 min
Delta R.T.: 0.002 min
Response: 69786684
Conc: 51.12 ng/ml



#6 beta-BHC

R.T.: 3.814 min
Delta R.T.: -0.003 min
Response: 70732217
Conc: 53.00 ng/ml



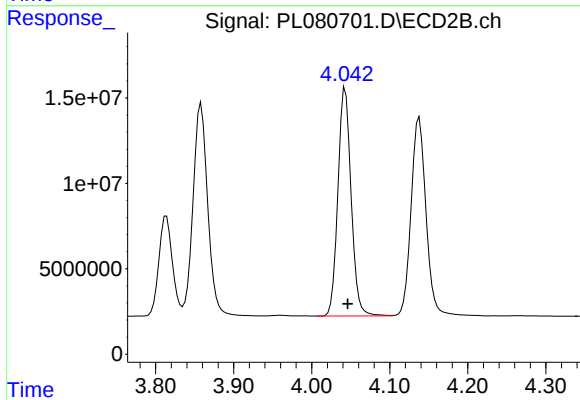
#7 delta-BHC

R.T.: 4.570 min
Delta R.T.: 0.001 min
Response: 159441824
Conc: 55.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

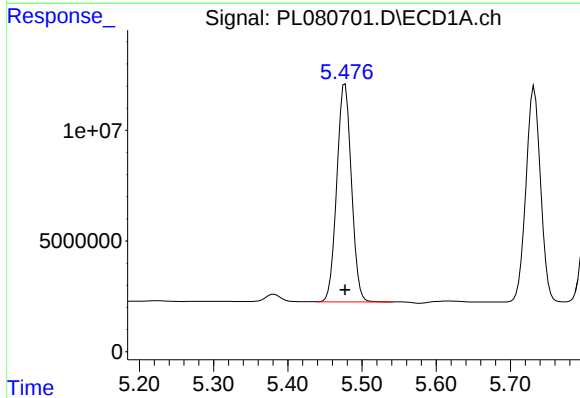
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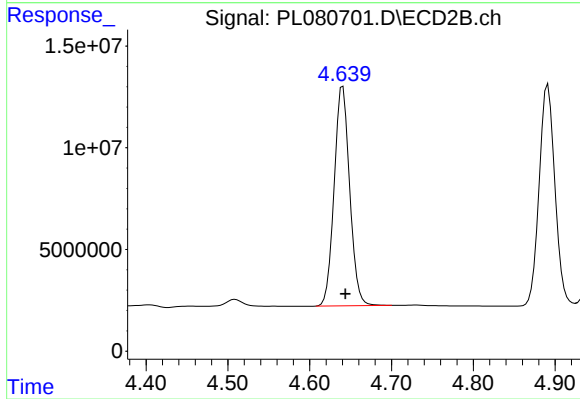
#7 delta-BHC

R.T.: 4.043 min
Delta R.T.: -0.003 min
Response: 157317801
Conc: 54.54 ng/ml



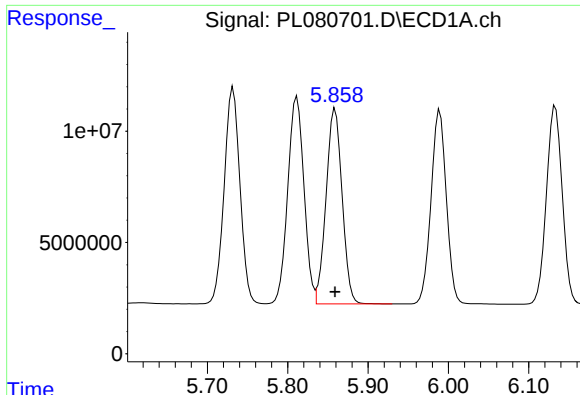
#8 Heptachlor epoxide

R.T.: 5.477 min
Delta R.T.: 0.000 min
Response: 135234704
Conc: 52.27 ng/ml



#8 Heptachlor epoxide

R.T.: 4.641 min
Delta R.T.: -0.003 min
Response: 142103910
Conc: 51.07 ng/ml



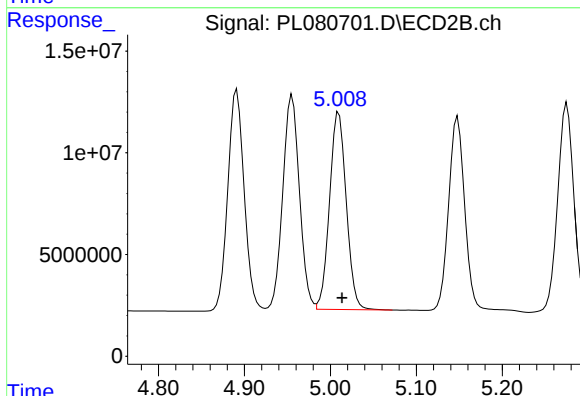
#9 Endosulfan I

R.T.: 5.859 min
Delta R.T.: 0.000 min
Response: 122051155
Conc: 51.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

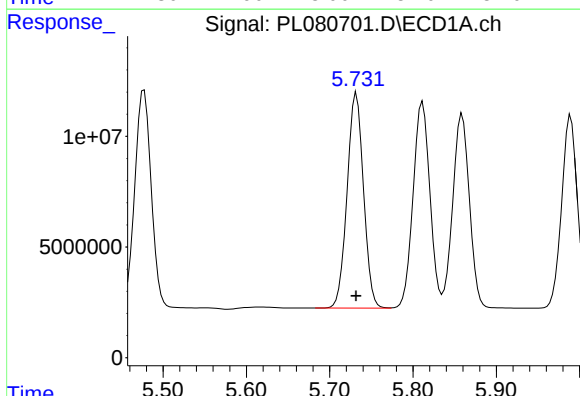
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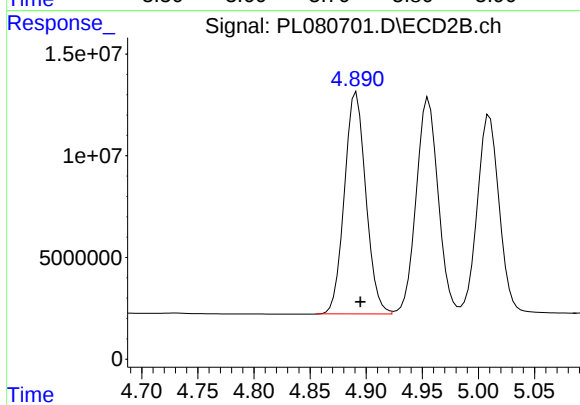
#9 Endosulfan I

R.T.: 5.010 min
Delta R.T.: -0.004 min
Response: 130683507
Conc: 50.24 ng/ml



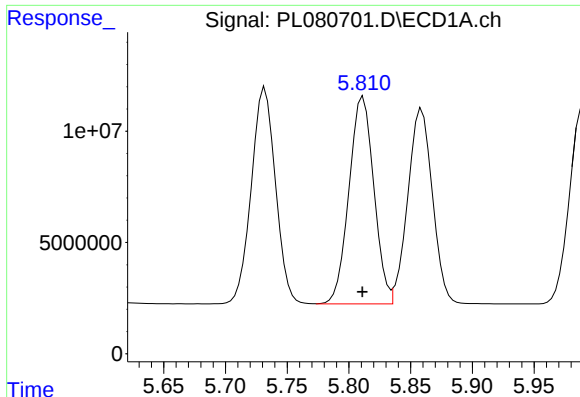
#10 gamma-Chlordane

R.T.: 5.732 min
Delta R.T.: 0.000 min
Response: 132748165
Conc: 52.56 ng/ml



#10 gamma-Chlordane

R.T.: 4.890 min
Delta R.T.: -0.005 min
Response: 144533754
Conc: 51.00 ng/ml m



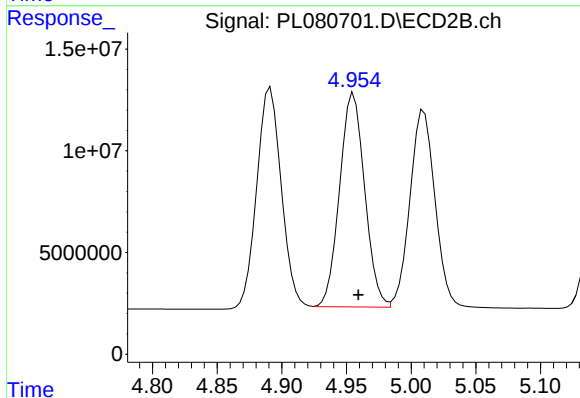
#11 alpha-Chlordane

R.T.: 5.812 min
Delta R.T.: 0.000 min
Response: 130728651
Conc: 51.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

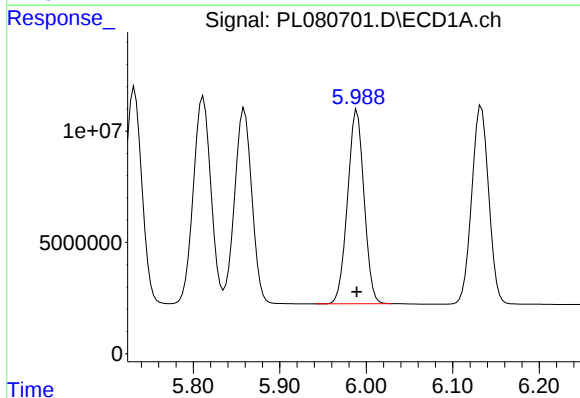
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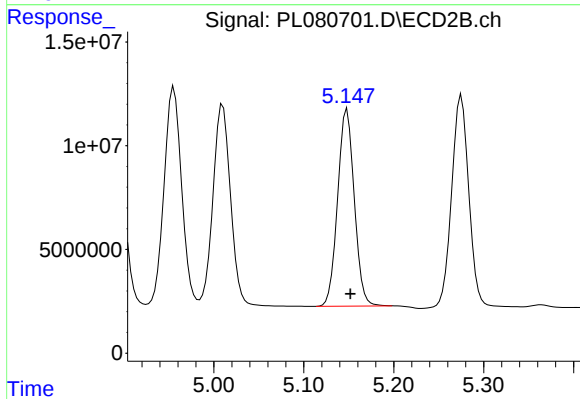
#11 alpha-Chlordane

R.T.: 4.956 min
Delta R.T.: -0.004 min
Response: 141420698
Conc: 49.37 ng/ml



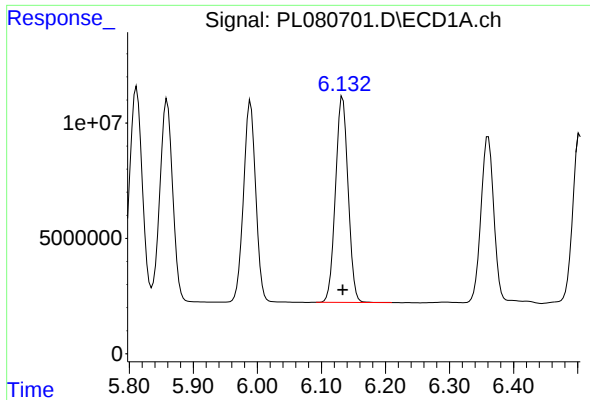
#12 4,4'-DDE

R.T.: 5.989 min
Delta R.T.: 0.000 min
Response: 115007842
Conc: 51.63 ng/ml



#12 4,4'-DDE

R.T.: 5.147 min
Delta R.T.: -0.005 min
Response: 122313508
Conc: 51.85 ng/ml m



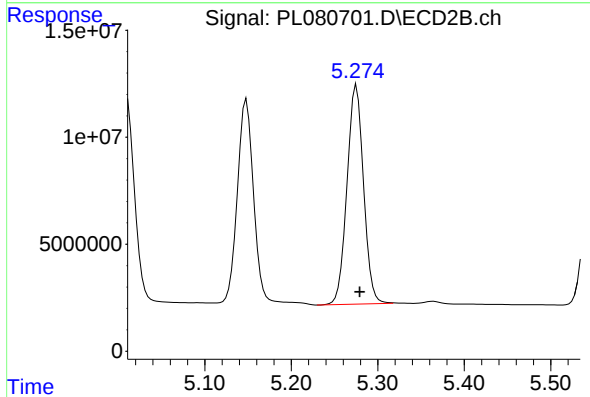
#13 Dieldrin

R.T.: 6.133 min
Delta R.T.: 0.000 min
Response: 122049088
Conc: 50.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

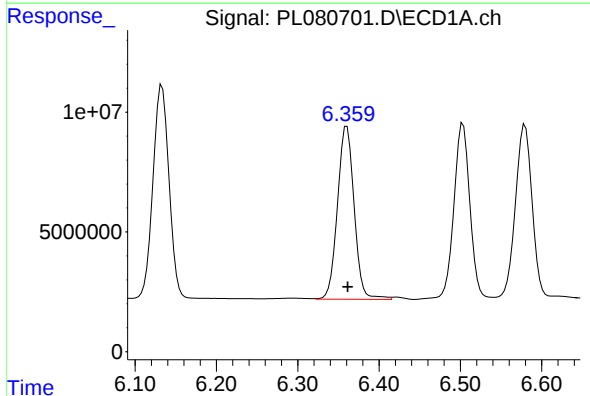
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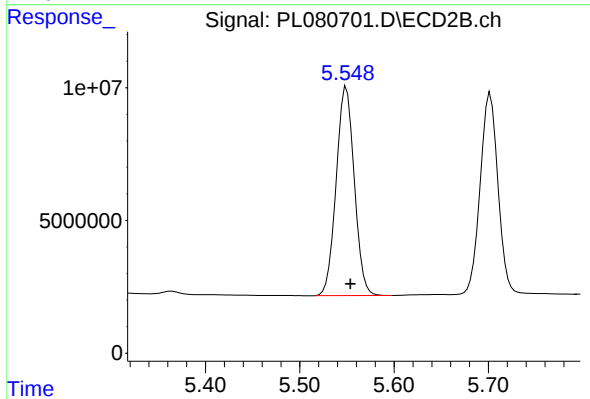
#13 Dieldrin

R.T.: 5.274 min
Delta R.T.: -0.005 min
Response: 135709152
Conc: 50.17 ng/ml m



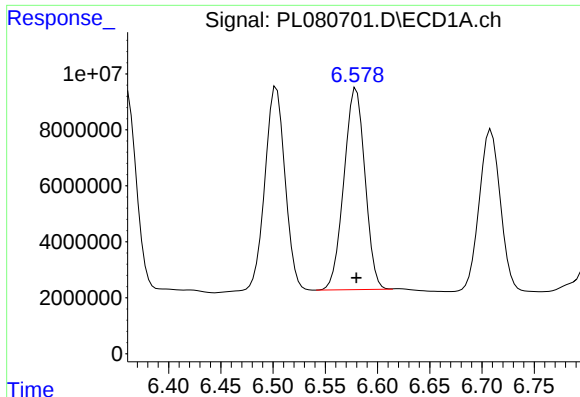
#14 Endrin

R.T.: 6.360 min
Delta R.T.: 0.000 min
Response: 102757384
Conc: 47.51 ng/ml



#14 Endrin

R.T.: 5.549 min
Delta R.T.: -0.004 min
Response: 104920249
Conc: 45.20 ng/ml



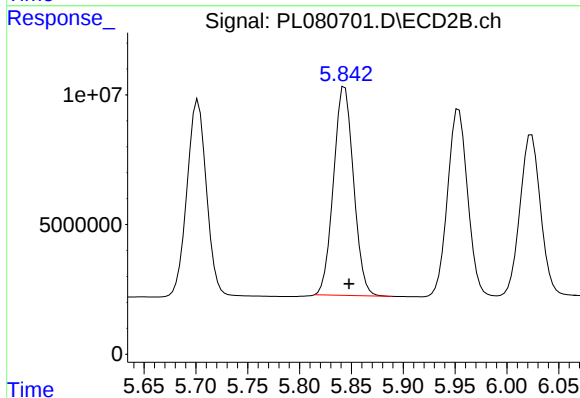
#15 Endosulfan II

R.T.: 6.580 min
Delta R.T.: 0.000 min
Response: 100879030
Conc: 44.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
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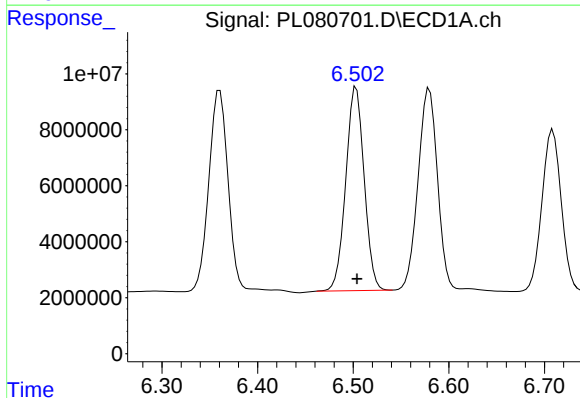
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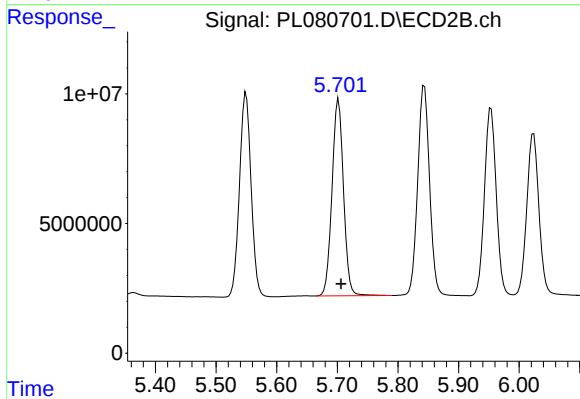
#15 Endosulfan II

R.T.: 5.844 min
Delta R.T.: -0.004 min
Response: 108179365
Conc: 51.92 ng/ml



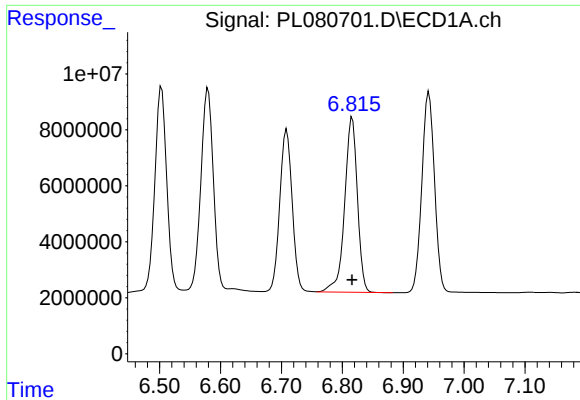
#16 4,4'-DDD

R.T.: 6.503 min
Delta R.T.: 0.000 min
Response: 97658940
Conc: 53.31 ng/ml



#16 4,4'-DDD

R.T.: 5.702 min
Delta R.T.: -0.004 min
Response: 100147730
Conc: 53.29 ng/ml



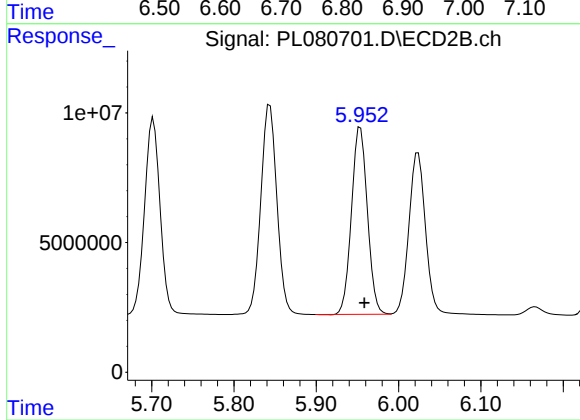
#17 4,4'-DDT

R.T.: 6.816 min
Delta R.T.: 0.000 min
Response: 90895505
Conc: 43.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

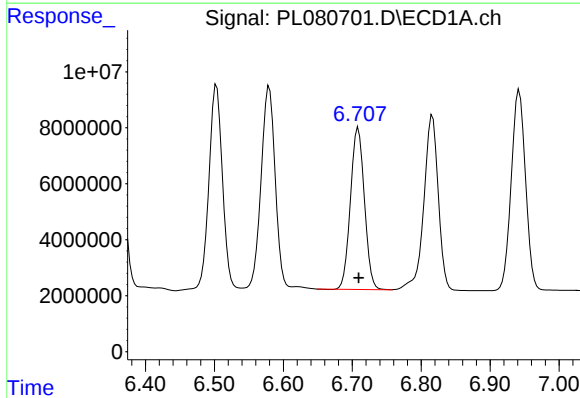
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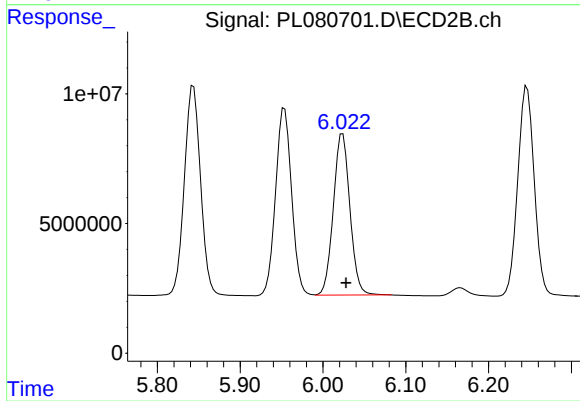
#17 4,4'-DDT

R.T.: 5.954 min
Delta R.T.: -0.005 min
Response: 96982957
Conc: 46.15 ng/ml



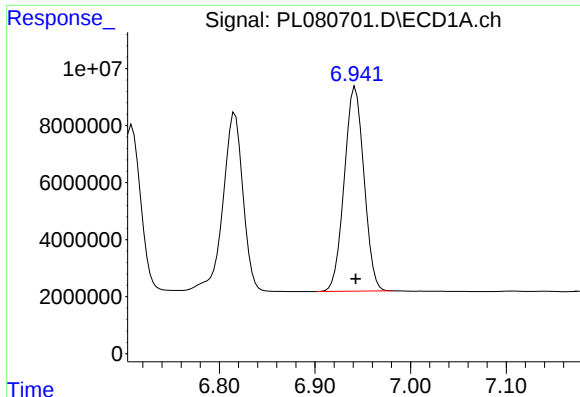
#18 Endrin aldehyde

R.T.: 6.709 min
Delta R.T.: 0.000 min
Response: 81277107
Conc: 48.86 ng/ml



#18 Endrin aldehyde

R.T.: 6.024 min
Delta R.T.: -0.004 min
Response: 86591642
Conc: 47.42 ng/ml



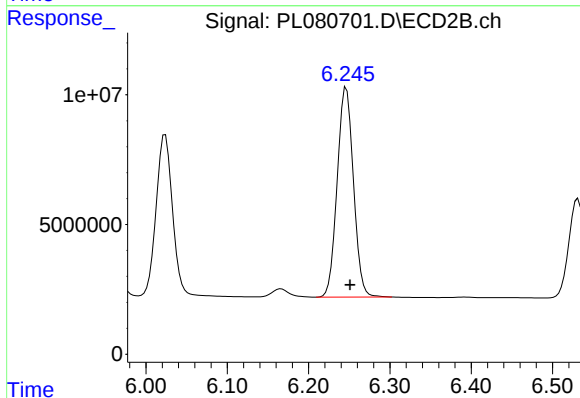
#19 Endosulfan Sulfate

R.T.: 6.942 min
Delta R.T.: 0.000 min
Response: 103020768
Conc: 49.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

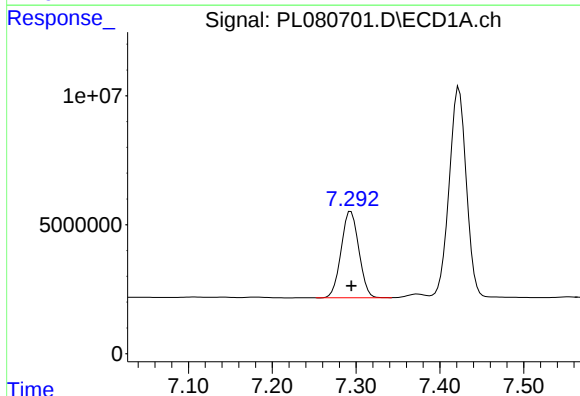
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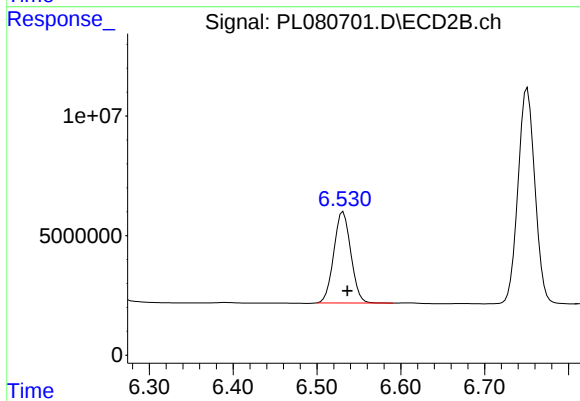
#19 Endosulfan Sulfate

R.T.: 6.247 min
Delta R.T.: -0.005 min
Response: 112256882
Conc: 48.27 ng/ml



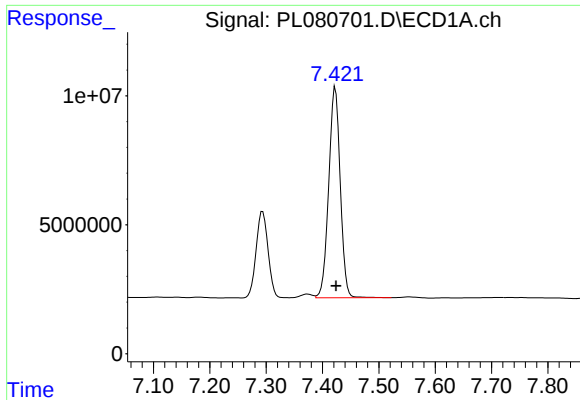
#20 Methoxychlor

R.T.: 7.294 min
Delta R.T.: 0.000 min
Response: 49288028
Conc: 44.67 ng/ml



#20 Methoxychlor

R.T.: 6.531 min
Delta R.T.: -0.005 min
Response: 53846676
Conc: 44.37 ng/ml



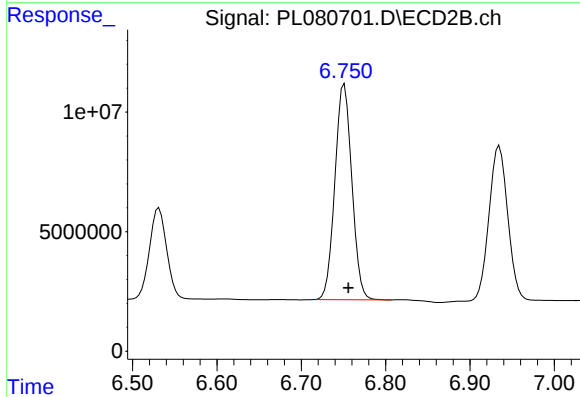
#21 Endrin ketone

R.T.: 7.423 min
Delta R.T.: -0.001 min
Response: 116376366
Conc: 52.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

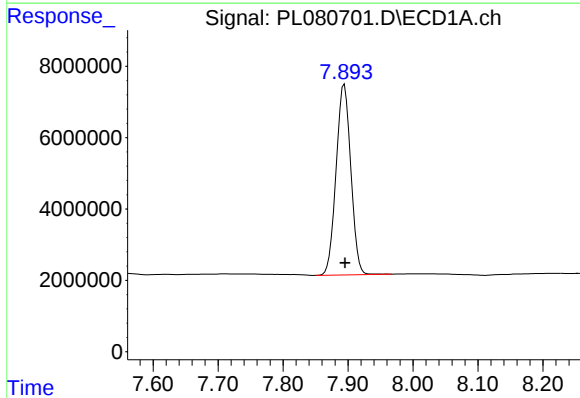
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/03/2023
Supervised By :Ankita Jodhani 02/03/2023



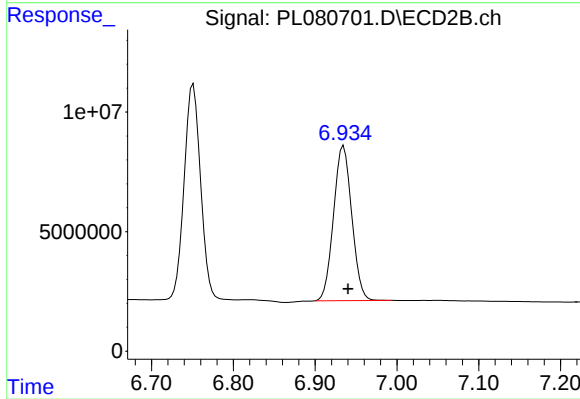
#21 Endrin ketone

R.T.: 6.751 min
Delta R.T.: -0.005 min
Response: 125933212
Conc: 49.32 ng/ml



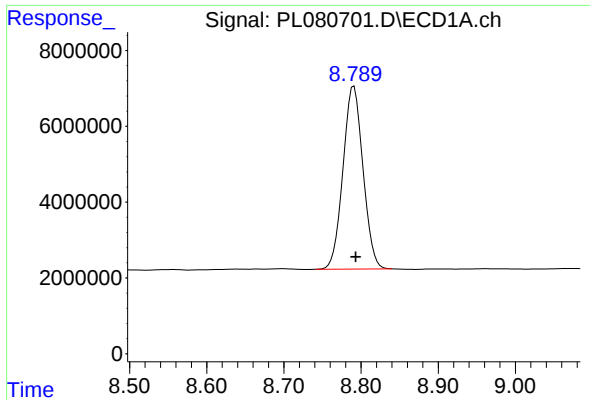
#22 Mirex

R.T.: 7.894 min
Delta R.T.: -0.001 min
Response: 84021242
Conc: 48.86 ng/ml



#22 Mirex

R.T.: 6.935 min
Delta R.T.: -0.005 min
Response: 100099530
Conc: 43.97 ng/ml



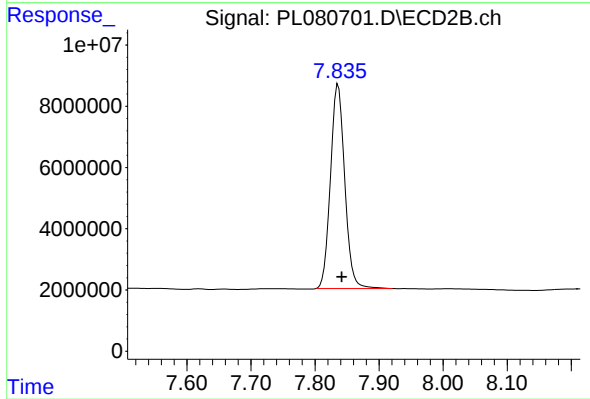
#28 Decachlorobiphenyl

R.T.: 8.791 min
Delta R.T.: -0.002 min
Response: 86757344
Conc: 49.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 02/03/2023



#28 Decachlorobiphenyl

R.T.: 7.836 min
Delta R.T.: -0.006 min
Response: 103413141
Conc: 43.40 ng/ml