

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021023\
 Data File : PL080853.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Feb 2023 15:35
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/13/2023
 Supervised By : Ankita Jodhani 02/13/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 10 21:54:38 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...	3.351	2.688	109.8E6	111.5E6	51.215	50.770
28)	SA Decachlor...	8.789	7.832	82316503	99893691	47.018	41.927
Target Compounds							
2)	A alpha-BHC	3.799	3.188	168.6E6	163.4E6	53.223	51.369
3)	MA gamma-BHC...	4.128	3.517	155.7E6	151.3E6	52.977	50.653
4)	MA Heptachlor	4.712	3.857	148.8E6	150.0E6	50.365	47.139
5)	MB Aldrin	5.050	4.136	139.8E6	144.1E6	51.118	48.860
6)	B beta-BHC	4.324	3.813	67803713	66072840	49.672	49.507
7)	B delta-BHC	4.567	4.042	153.1E6	145.8E6	52.898	50.563
8)	B Heptachlo...	5.475	4.638	128.3E6	132.9E6	49.598	47.771
9)	A Endosulfan I	5.856	5.008	115.8E6	121.8E6	49.056	46.835
10)	B gamma-Chl...	5.729	4.888	126.4E6	135.6E6	50.038	47.840m
11)	B alpha-Chl...	5.808	4.953	124.7E6	131.8E6	49.401	46.008
12)	B 4,4'-DDE	5.987	5.144	110.7E6	114.7E6	49.707	48.624m
13)	MA Dieldrin	6.130	5.271	118.2E6	126.7E6	49.407	46.836m
14)	MA Endrin	6.358	5.547	104.7E6	108.9E6	48.391	46.900
15)	B Endosulfa...	6.576	5.840	98825435	103.5E6	43.111	49.688m
16)	A 4,4'-DDD	6.500	5.700	96776569	99670462	52.826	53.039
17)	MA 4,4'-DDT	6.813	5.952	87825512	88844513	42.271	42.277
18)	B Endrin al...	6.706	6.021	78016316	80328390	46.902	43.989
19)	B Endosulfa...	6.940	6.244	102.7E6	107.2E6	49.622	46.097
20)	A Methoxychlor	7.291	6.529	47408614	50461839	42.970	41.585
21)	B Endrin ke...	7.420	6.749	106.9E6	117.9E6	48.473	46.162
22)	Mirex	7.891	6.932	80499120	97397089	46.808	42.779

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012023\
Data File : PL080853.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Feb 2023 15:35
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

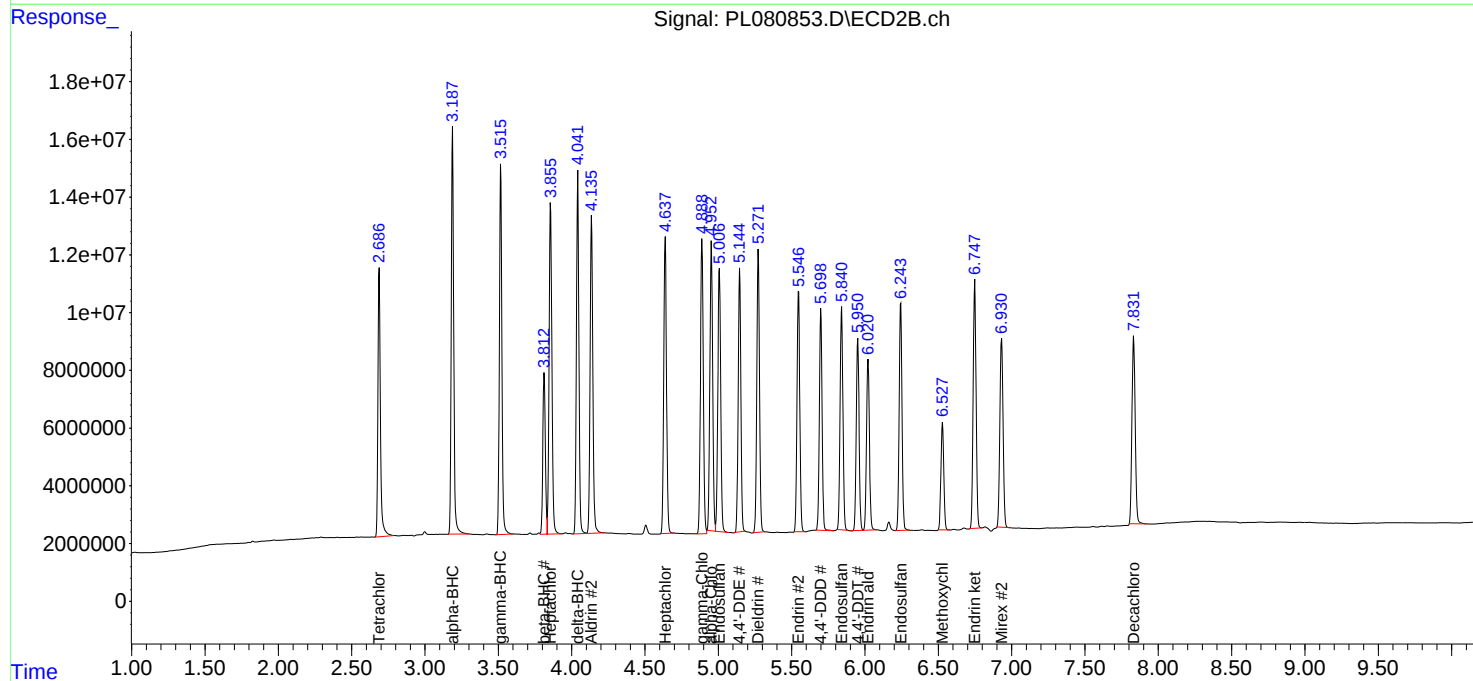
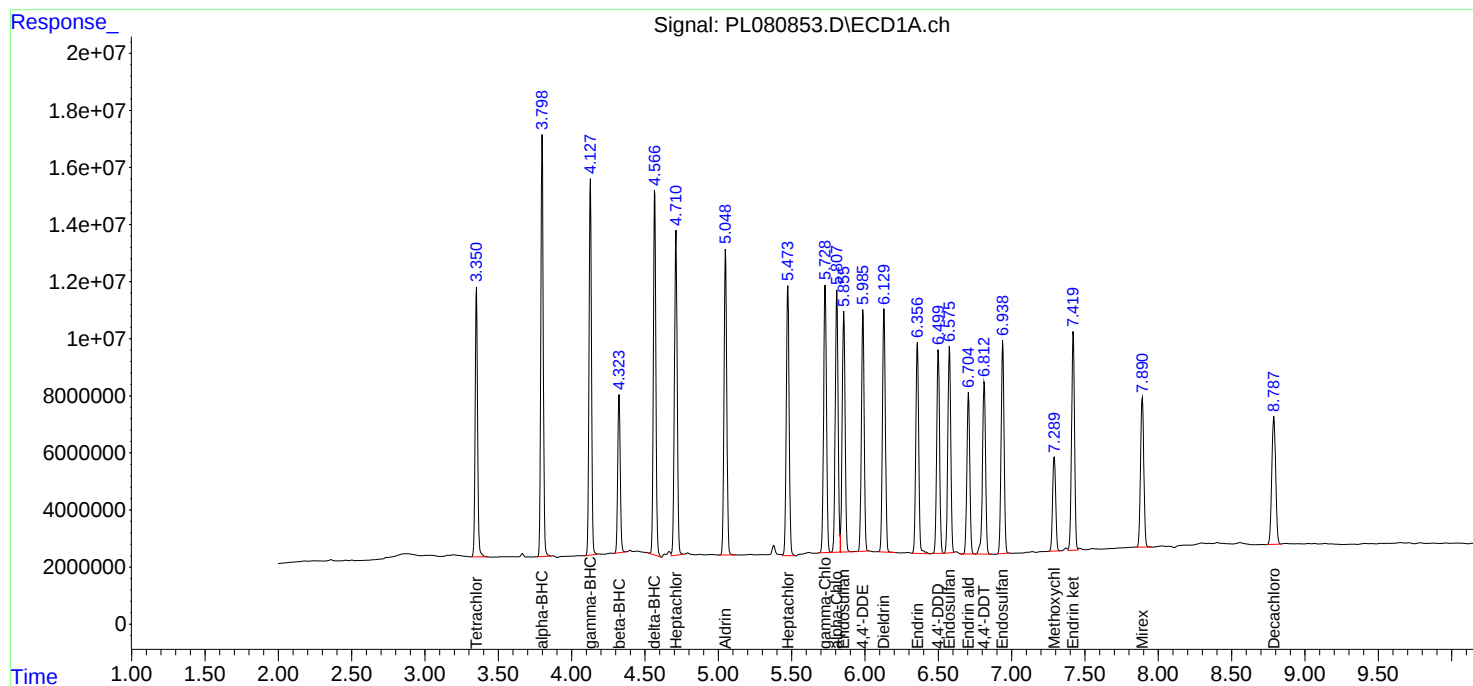
Manual Integrations

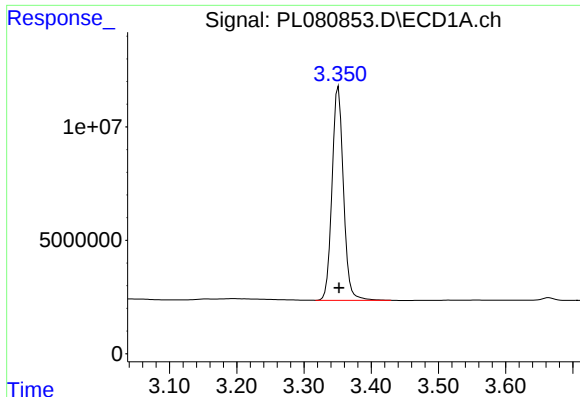
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Supervised By :Ankita Jodhani 02/13/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 10 21:54:38 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





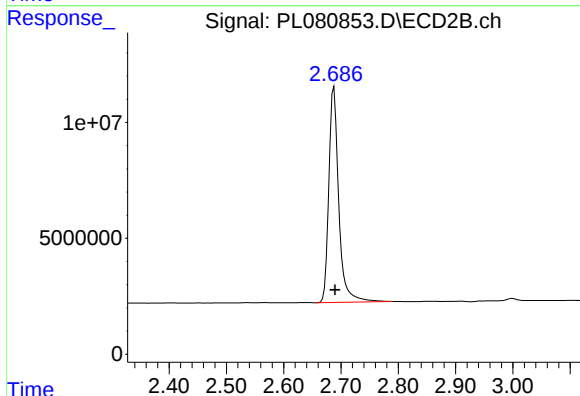
#1 Tetrachloro-m-xylene

R.T.: 3.351 min
Delta R.T.: 0.000 min
Response: 109847860
Conc: 51.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

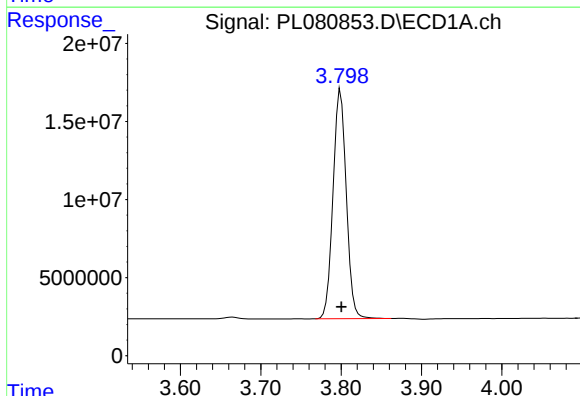
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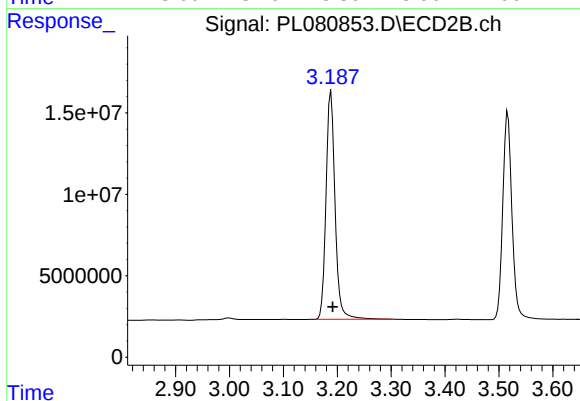
#1 Tetrachloro-m-xylene

R.T.: 2.688 min
Delta R.T.: -0.002 min
Response: 111514684
Conc: 50.77 ng/ml



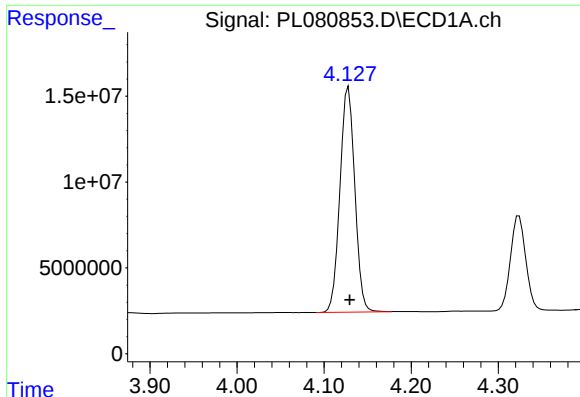
#2 alpha-BHC

R.T.: 3.799 min
Delta R.T.: -0.001 min
Response: 168612223
Conc: 53.22 ng/ml



#2 alpha-BHC

R.T.: 3.188 min
Delta R.T.: -0.003 min
Response: 163373763
Conc: 51.37 ng/ml



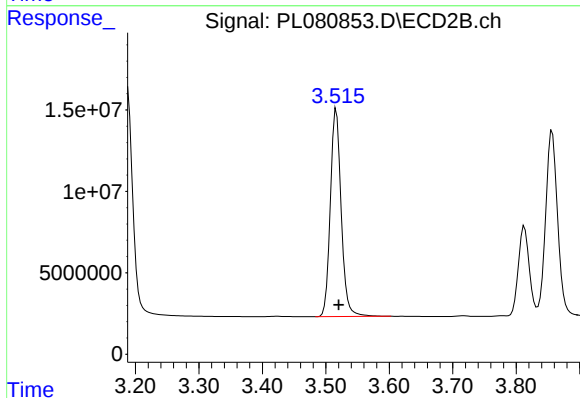
#3 gamma-BHC (Lindane)

R.T.: 4.128 min
Delta R.T.: -0.001 min
Response: 155740462
Conc: 52.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

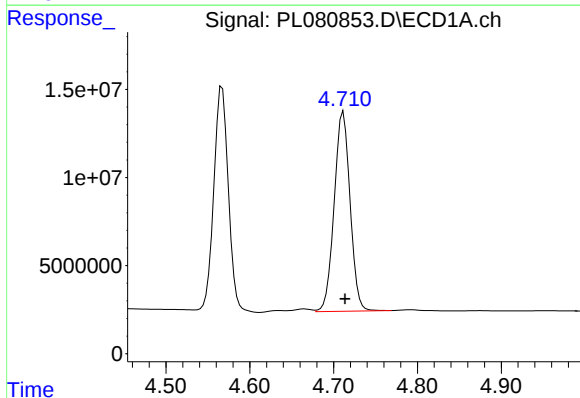
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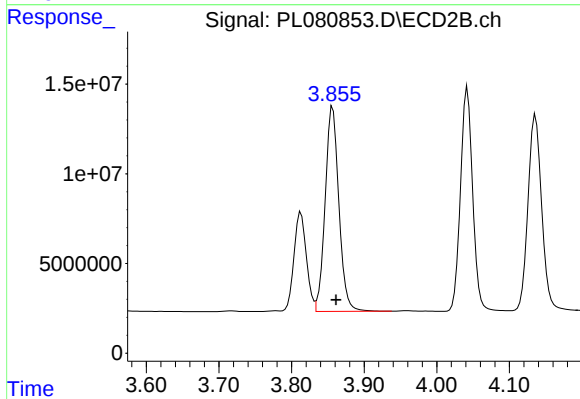
#3 gamma-BHC (Lindane)

R.T.: 3.517 min
Delta R.T.: -0.004 min
Response: 151314928
Conc: 50.65 ng/ml



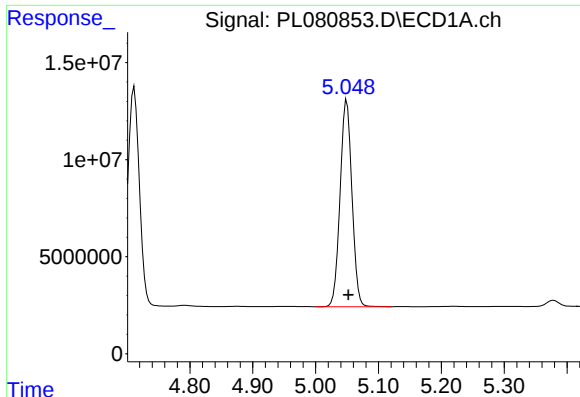
#4 Heptachlor

R.T.: 4.712 min
Delta R.T.: -0.002 min
Response: 148840927
Conc: 50.37 ng/ml



#4 Heptachlor

R.T.: 3.857 min
Delta R.T.: -0.005 min
Response: 150011899
Conc: 47.14 ng/ml



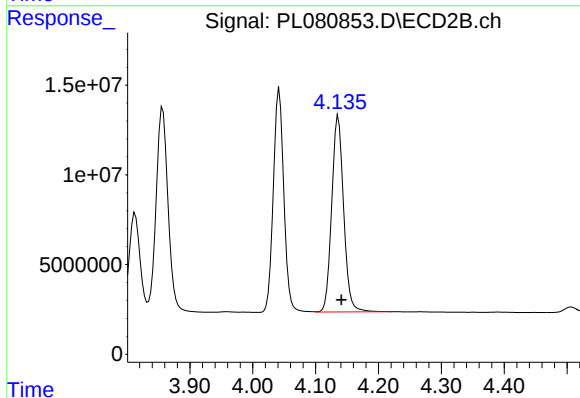
#5 Aldrin

R.T.: 5.050 min
Delta R.T.: -0.003 min
Response: 139848838
Conc: 51.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

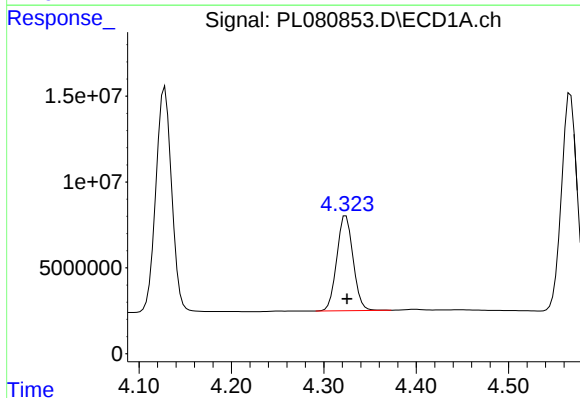
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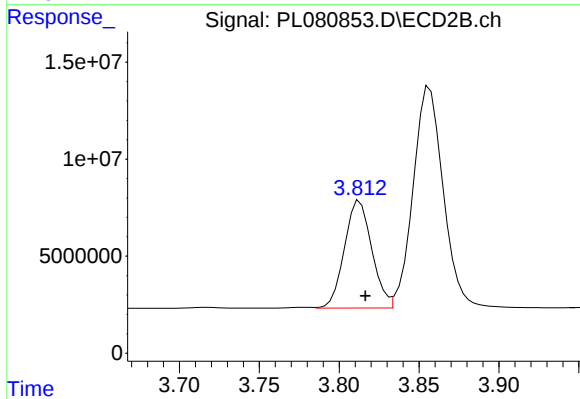
#5 Aldrin

R.T.: 4.136 min
Delta R.T.: -0.005 min
Response: 144116475
Conc: 48.86 ng/ml



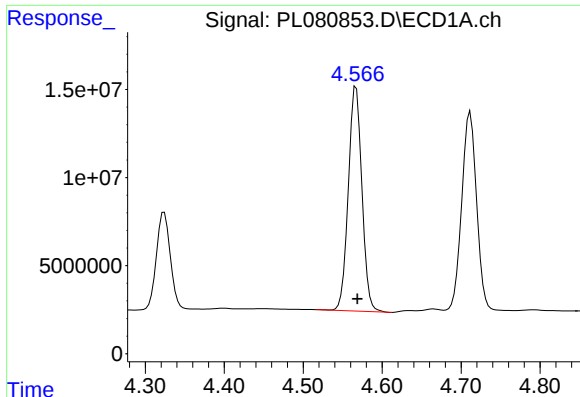
#6 beta-BHC

R.T.: 4.324 min
Delta R.T.: -0.001 min
Response: 67803713
Conc: 49.67 ng/ml



#6 beta-BHC

R.T.: 3.813 min
Delta R.T.: -0.004 min
Response: 66072840
Conc: 49.51 ng/ml



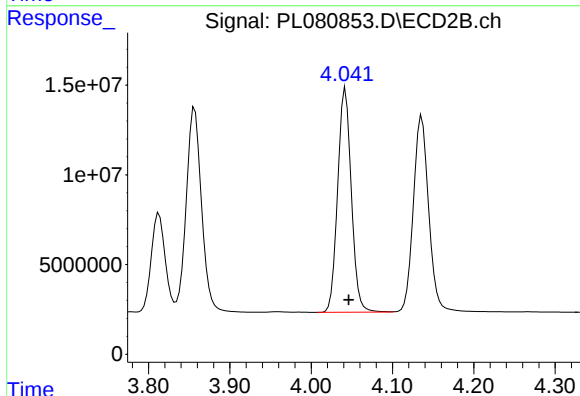
#7 delta-BHC

R.T.: 4.567 min
Delta R.T.: -0.001 min
Response: 153139861
Conc: 52.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

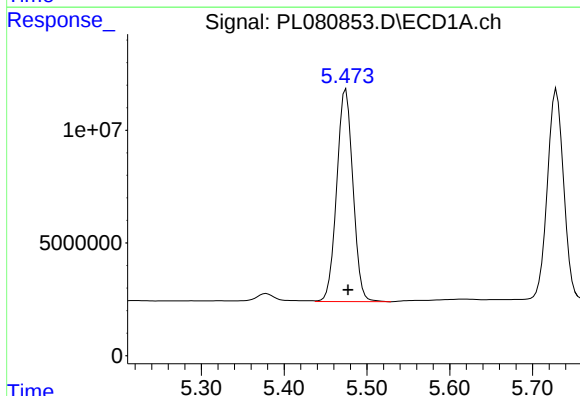
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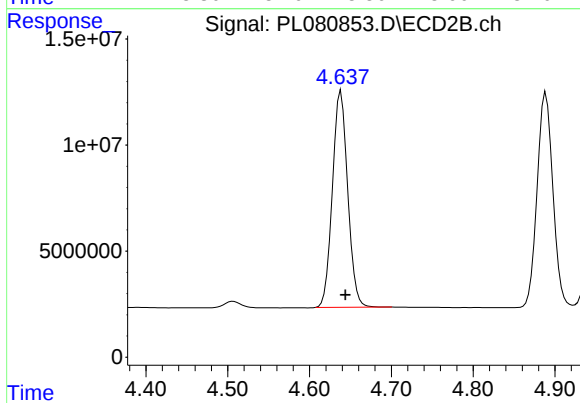
#7 delta-BHC

R.T.: 4.042 min
Delta R.T.: -0.004 min
Response: 145847018
Conc: 50.56 ng/ml



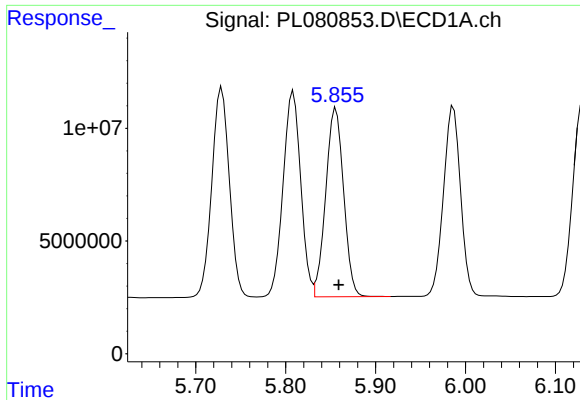
#8 Heptachlor epoxide

R.T.: 5.475 min
Delta R.T.: -0.003 min
Response: 128313545
Conc: 49.60 ng/ml



#8 Heptachlor epoxide

R.T.: 4.638 min
Delta R.T.: -0.005 min
Response: 132915137
Conc: 47.77 ng/ml



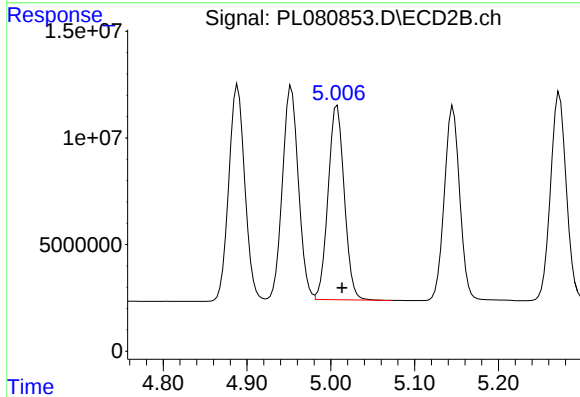
#9 Endosulfan I

R.T.: 5.856 min
Delta R.T.: -0.003 min
Response: 115843131
Conc: 49.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

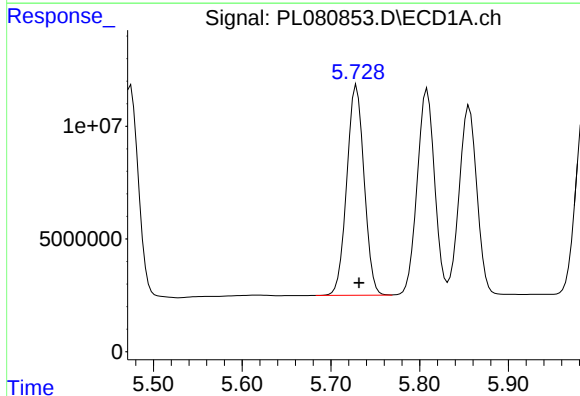
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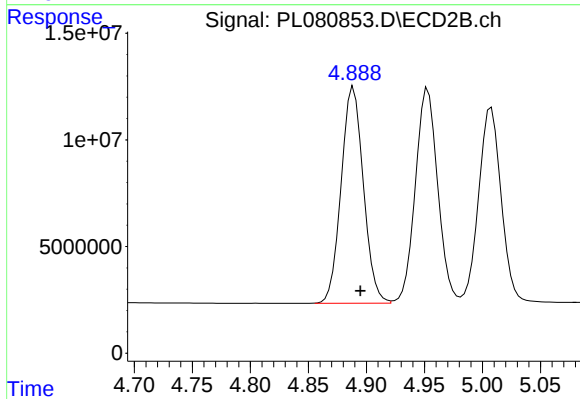
#9 Endosulfan I

R.T.: 5.008 min
Delta R.T.: -0.006 min
Response: 121832756
Conc: 46.83 ng/ml



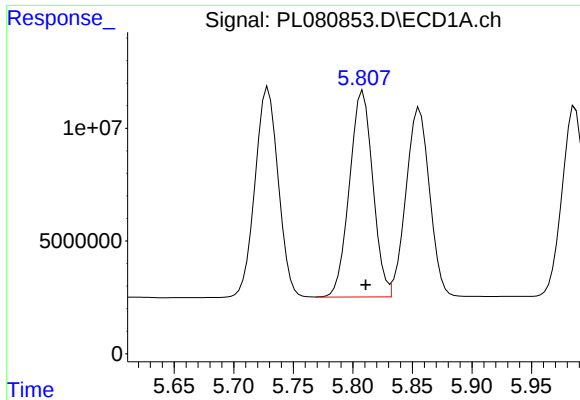
#10 gamma-Chlordane

R.T.: 5.729 min
Delta R.T.: -0.003 min
Response: 126382735
Conc: 50.04 ng/ml



#10 gamma-Chlordane

R.T.: 4.888 min
Delta R.T.: -0.007 min
Response: 135590195
Conc: 47.84 ng/ml m



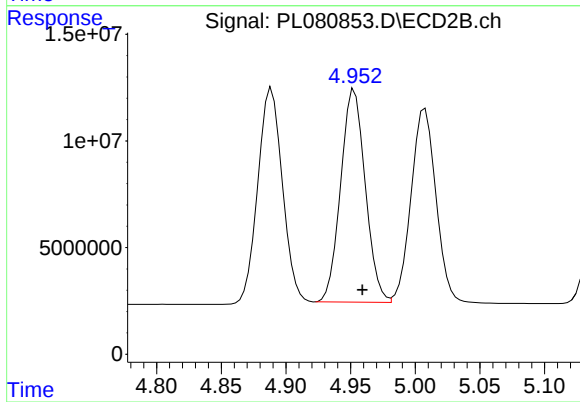
#11 alpha-Chlordane

R.T.: 5.808 min
Delta R.T.: -0.002 min
Response: 124702483
Conc: 49.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

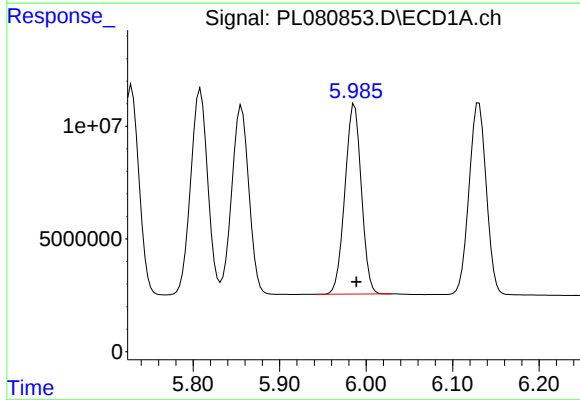
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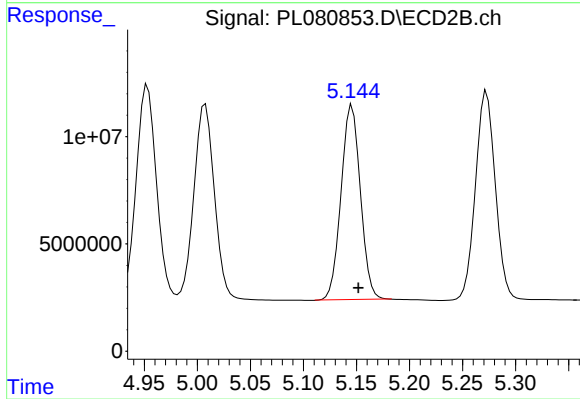
#11 alpha-Chlordane

R.T.: 4.953 min
Delta R.T.: -0.006 min
Response: 131797512
Conc: 46.01 ng/ml



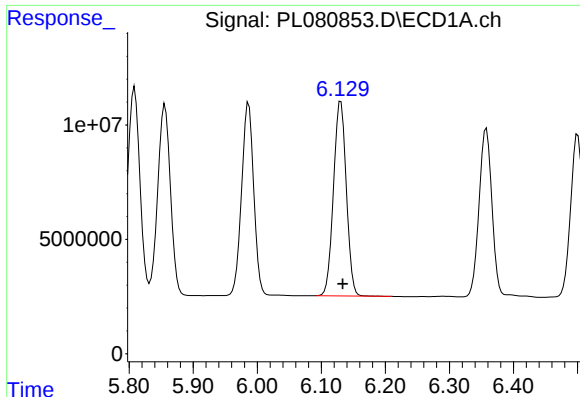
#12 4,4'-DDE

R.T.: 5.987 min
Delta R.T.: -0.002 min
Response: 110714284
Conc: 49.71 ng/ml



#12 4,4'-DDE

R.T.: 5.144 min
Delta R.T.: -0.007 min
Response: 114696652
Conc: 48.62 ng/ml m



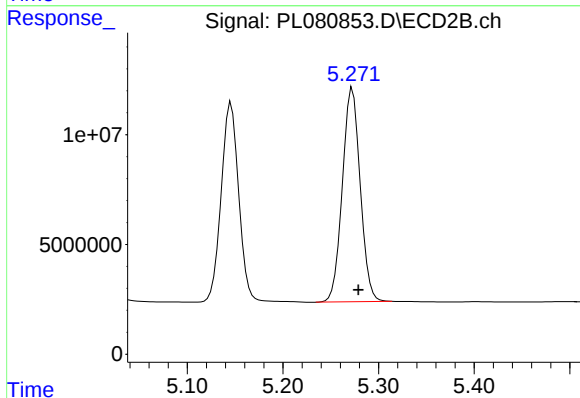
#13 Dieldrin

R.T.: 6.130 min
Delta R.T.: -0.003 min
Response: 118249456
Conc: 49.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

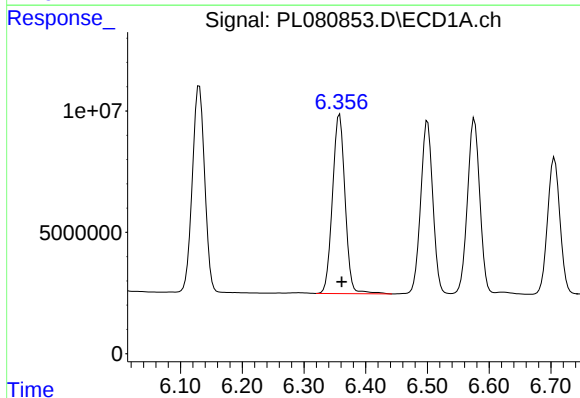
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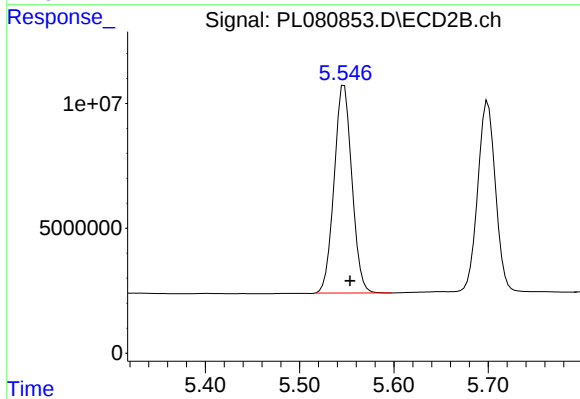
#13 Dieldrin

R.T.: 5.271 min
Delta R.T.: -0.008 min
Response: 126688718
Conc: 46.84 ng/ml m



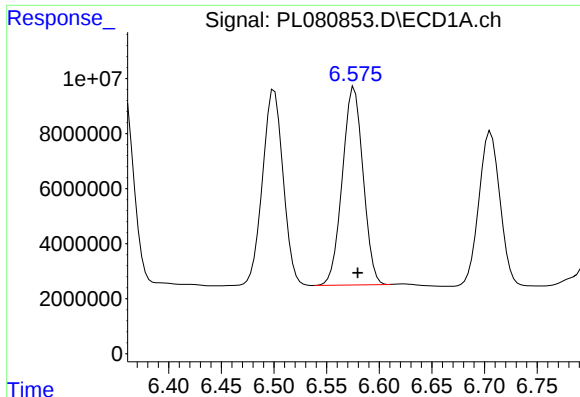
#14 Endrin

R.T.: 6.358 min
Delta R.T.: -0.003 min
Response: 104656042
Conc: 48.39 ng/ml



#14 Endrin

R.T.: 5.547 min
Delta R.T.: -0.006 min
Response: 108862303
Conc: 46.90 ng/ml



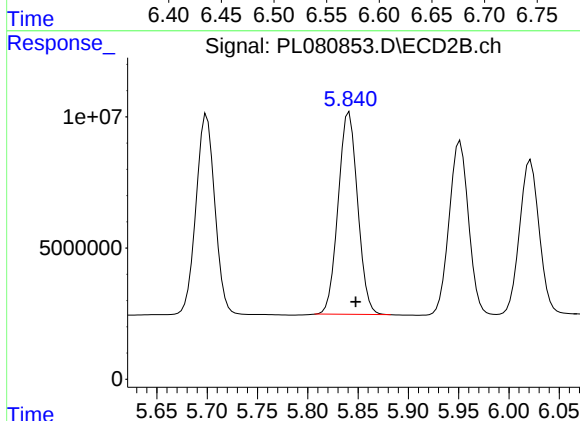
#15 Endosulfan II

R.T.: 6.576 min
Delta R.T.: -0.003 min
Response: 98825435
Conc: 43.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

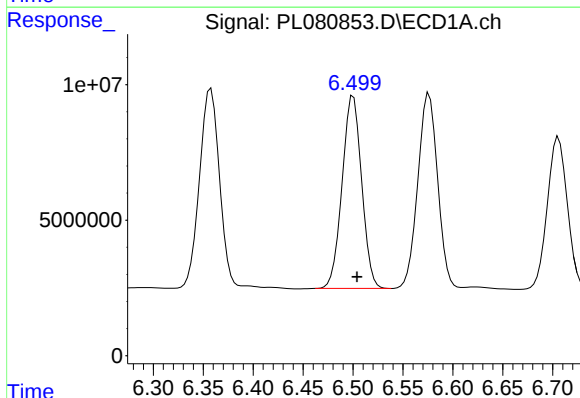
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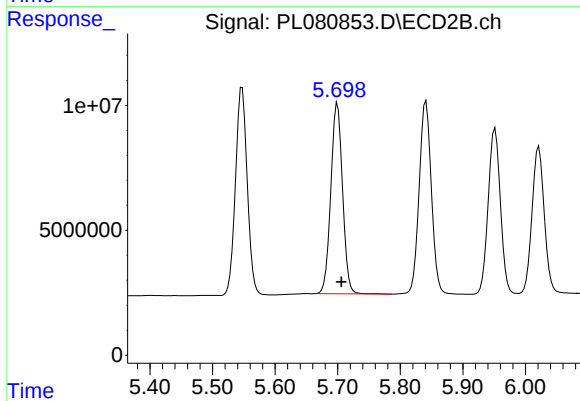
#15 Endosulfan II

R.T.: 5.840 min
Delta R.T.: -0.008 min
Response: 103536015
Conc: 49.69 ng/ml m



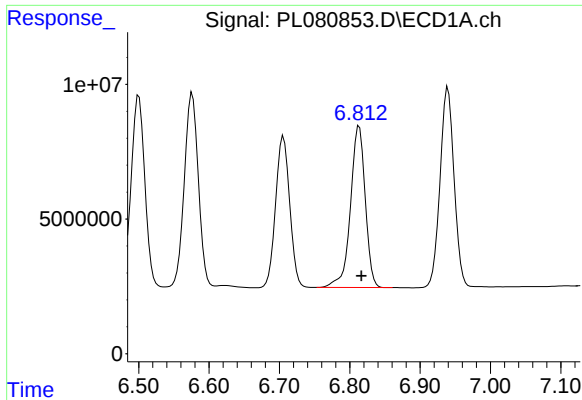
#16 4,4'-DDD

R.T.: 6.500 min
Delta R.T.: -0.004 min
Response: 96776569
Conc: 52.83 ng/ml



#16 4,4'-DDD

R.T.: 5.700 min
Delta R.T.: -0.007 min
Response: 99670462
Conc: 53.04 ng/ml



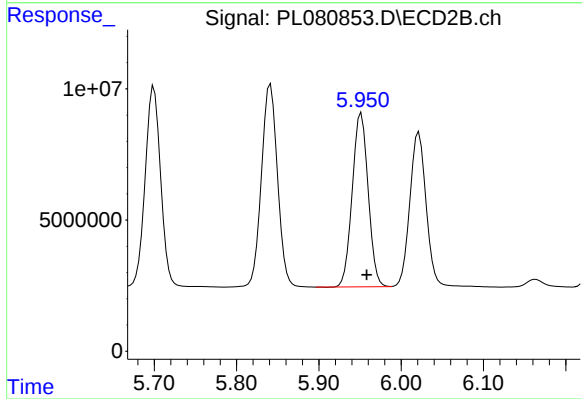
#17 4,4'-DDT

R.T.: 6.813 min
Delta R.T.: -0.003 min
Response: 87825512
Conc: 42.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

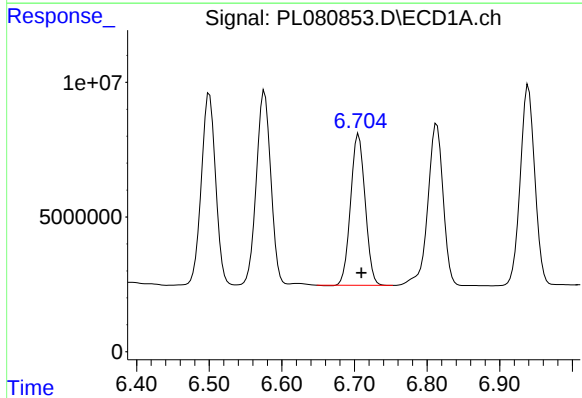
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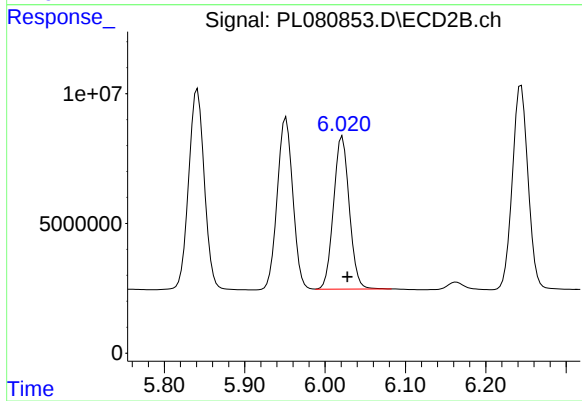
#17 4,4'-DDT

R.T.: 5.952 min
Delta R.T.: -0.007 min
Response: 88844513
Conc: 42.28 ng/ml



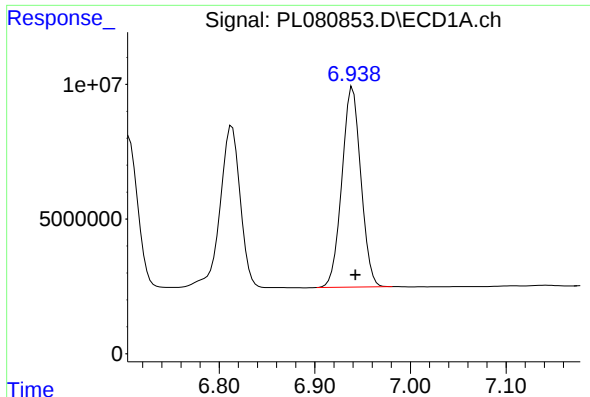
#18 Endrin aldehyde

R.T.: 6.706 min
Delta R.T.: -0.003 min
Response: 78016316
Conc: 46.90 ng/ml



#18 Endrin aldehyde

R.T.: 6.021 min
Delta R.T.: -0.006 min
Response: 80328390
Conc: 43.99 ng/ml



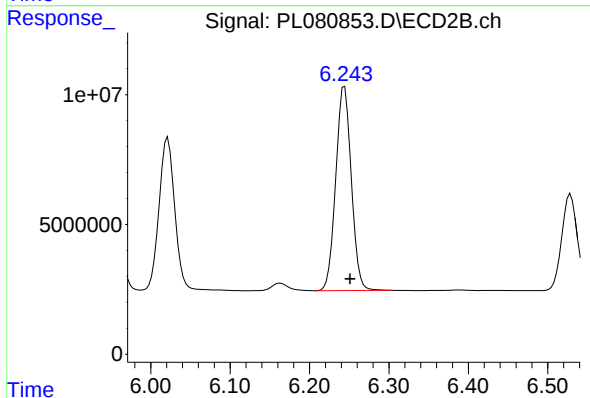
#19 Endosulfan Sulfate

R.T.: 6.940 min
Delta R.T.: -0.003 min
Response: 102713046
Conc: 49.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

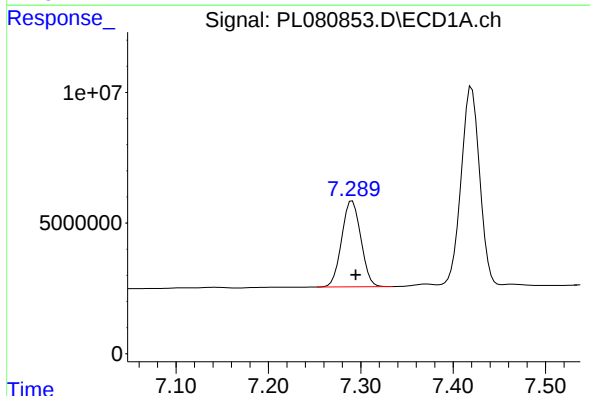
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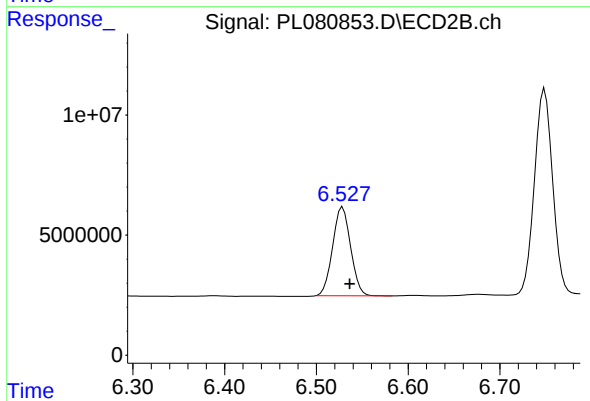
#19 Endosulfan Sulfate

R.T.: 6.244 min
Delta R.T.: -0.007 min
Response: 107206009
Conc: 46.10 ng/ml



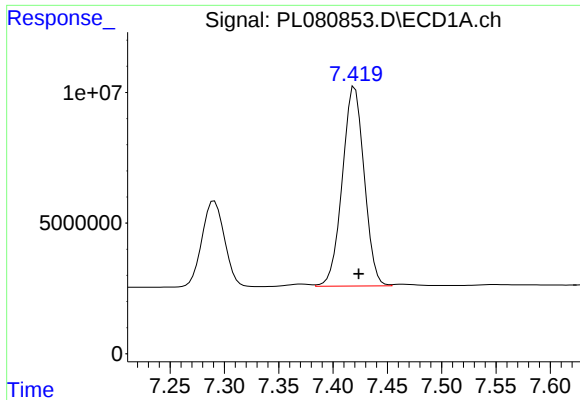
#20 Methoxychlor

R.T.: 7.291 min
Delta R.T.: -0.004 min
Response: 47408614
Conc: 42.97 ng/ml



#20 Methoxychlor

R.T.: 6.529 min
Delta R.T.: -0.008 min
Response: 50461839
Conc: 41.58 ng/ml



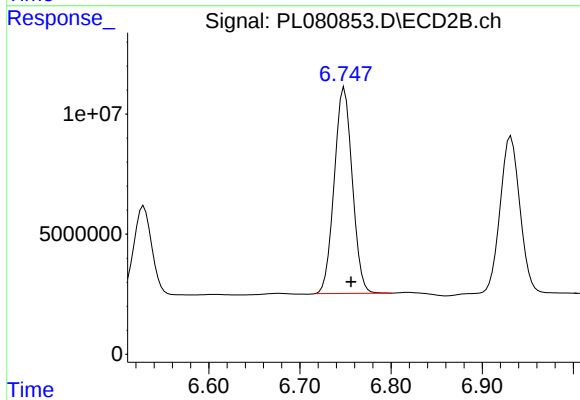
#21 Endrin ketone

R.T.: 7.420 min
Delta R.T.: -0.004 min
Response: 106947808
Conc: 48.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

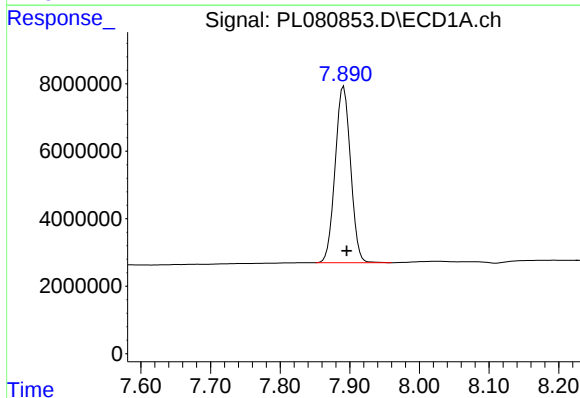
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/13/2023
Supervised By :Ankita Jodhani 02/13/2023



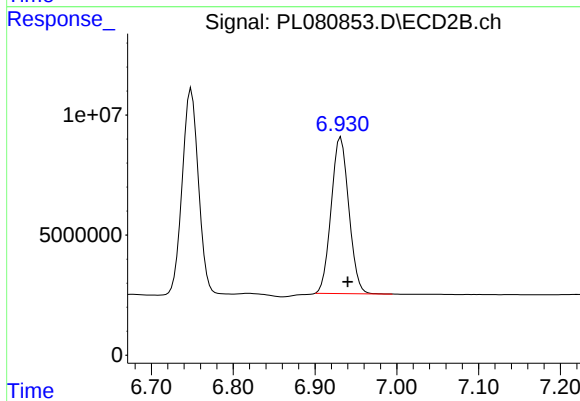
#21 Endrin ketone

R.T.: 6.749 min
Delta R.T.: -0.007 min
Response: 117861356
Conc: 46.16 ng/ml



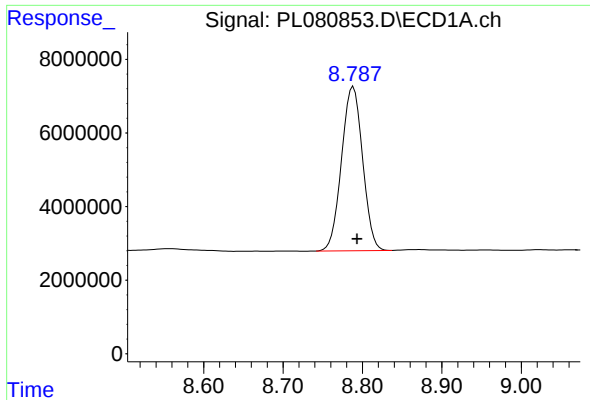
#22 Mirex

R.T.: 7.891 min
Delta R.T.: -0.004 min
Response: 80499120
Conc: 46.81 ng/ml



#22 Mirex

R.T.: 6.932 min
Delta R.T.: -0.009 min
Response: 97397089
Conc: 42.78 ng/ml



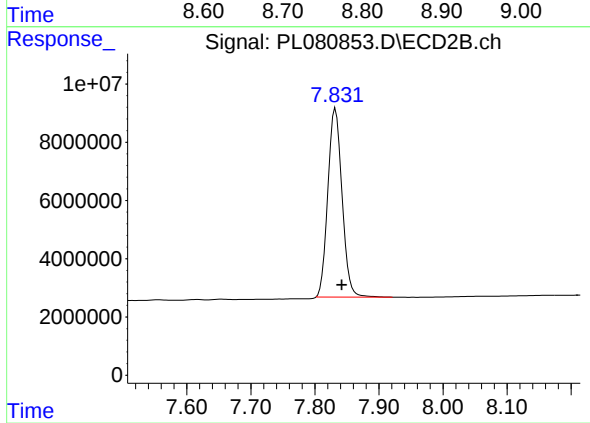
#28 Decachlorobiphenyl

R.T.: 8.789 min
Delta R.T.: -0.005 min
Response: 82316503
Conc: 47.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 02/13/2023



#28 Decachlorobiphenyl

R.T.: 7.832 min
Delta R.T.: -0.010 min
Response: 99893691
Conc: 41.93 ng/ml