

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062623\
 Data File : PL083702.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Jun 2023 10:02
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/27/2023
 Supervised By : Ankita Jodhani 06/27/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 26 21:31:29 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062523.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 26 10:45:09 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...	3.439	2.693	121.5E6	148.7E6	48.918	51.213
28)	SA Decachlor...	8.985	7.886	87284836	122.8E6	51.106	49.671
Target Compounds							
2)	A alpha-BHC	3.897	3.199	189.9E6	217.2E6	50.579	51.821
3)	MA gamma-BHC...	4.231	3.530	172.2E6	198.9E6	49.439	49.769
4)	MA Heptachlor	4.823	3.872	168.5E6	189.1E6	49.792	50.037
5)	MB Aldrin	5.165	4.153	168.0E6	179.1E6	48.862	50.082
6)	B beta-BHC	4.431	3.831	71785025	83308390	47.809	49.580
7)	B delta-BHC	4.677	4.060	169.7E6	189.2E6	49.447	49.795
8)	B Heptachlo...	5.595	4.661	164.8E6	163.6E6	48.756	48.680
9)	A Endosulfan I	5.981	5.032	149.7E6	149.1E6	48.518	48.192
10)	B gamma-Chl...	5.853	4.915	164.8E6	165.5E6	48.952	48.573
11)	B alpha-Chl...	5.933	4.979	161.2E6	163.9E6	48.902	48.407
12)	B 4,4'-DDE	6.114	5.177	141.1E6	134.2E6	49.283	47.980
13)	MA Dieldrin	6.258	5.299	151.6E6	153.5E6	49.014	48.631
14)	MA Endrin	6.486	5.574	128.7E6	134.9E6	48.770m	50.689
15)	B Endosulfa...	6.708	5.872	113.5E6	125.1E6	47.535	48.819
16)	A 4,4'-DDD	6.632	5.735	109.2E6	107.8E6	50.434	49.724
17)	MA 4,4'-DDT	6.949	5.988	112.6E6	118.7E6	47.949	47.863
18)	B Endrin al...	6.840	6.054	91479740	100.3E6	49.433	49.026
19)	B Endosulfa...	7.076	6.280	118.4E6	127.1E6	49.042	48.837
20)	A Methoxychlor	7.432	6.574	55222110	61377128	47.743	48.476
21)	B Endrin ke...	7.559	6.785	118.6E6	139.9E6	51.075m	48.253
22)	Mirex	8.035	6.968	92719728	123.9E6	48.689	49.055

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062623\
Data File : PL083702.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Jun 2023 10:02
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

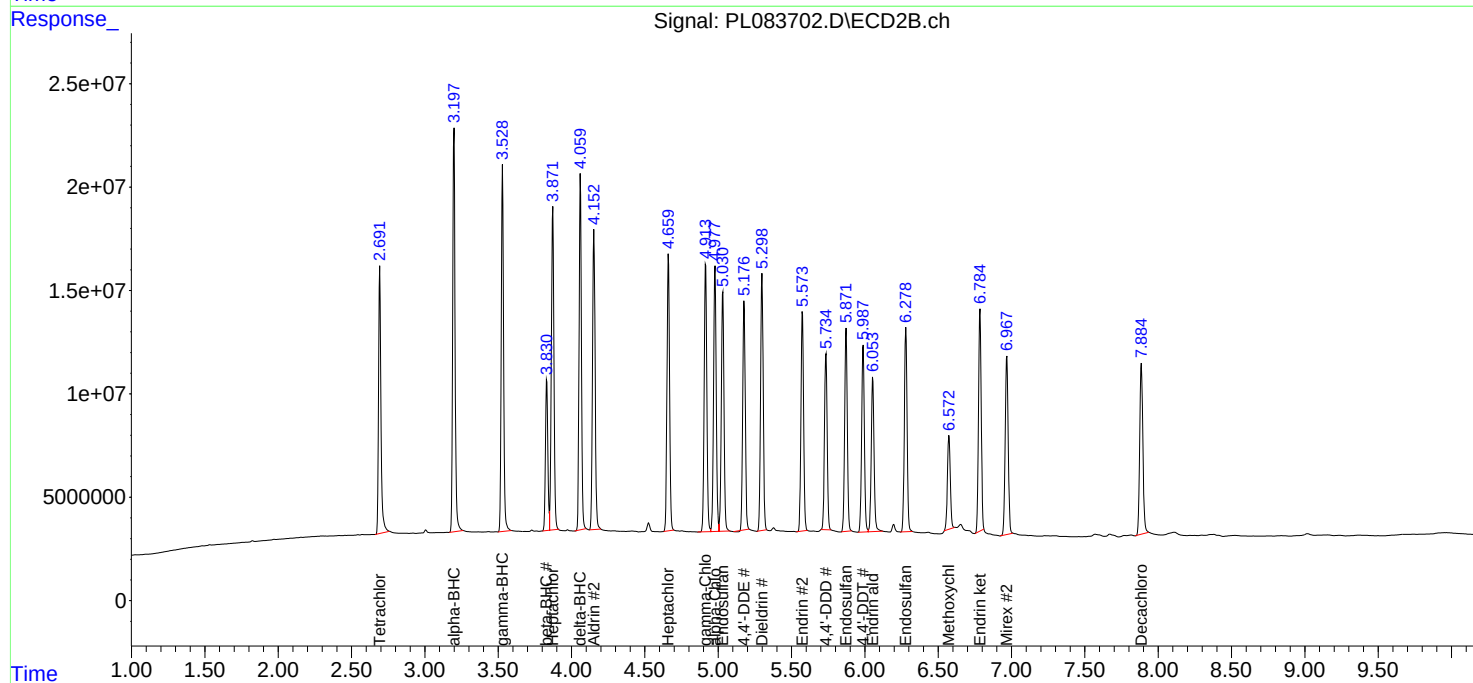
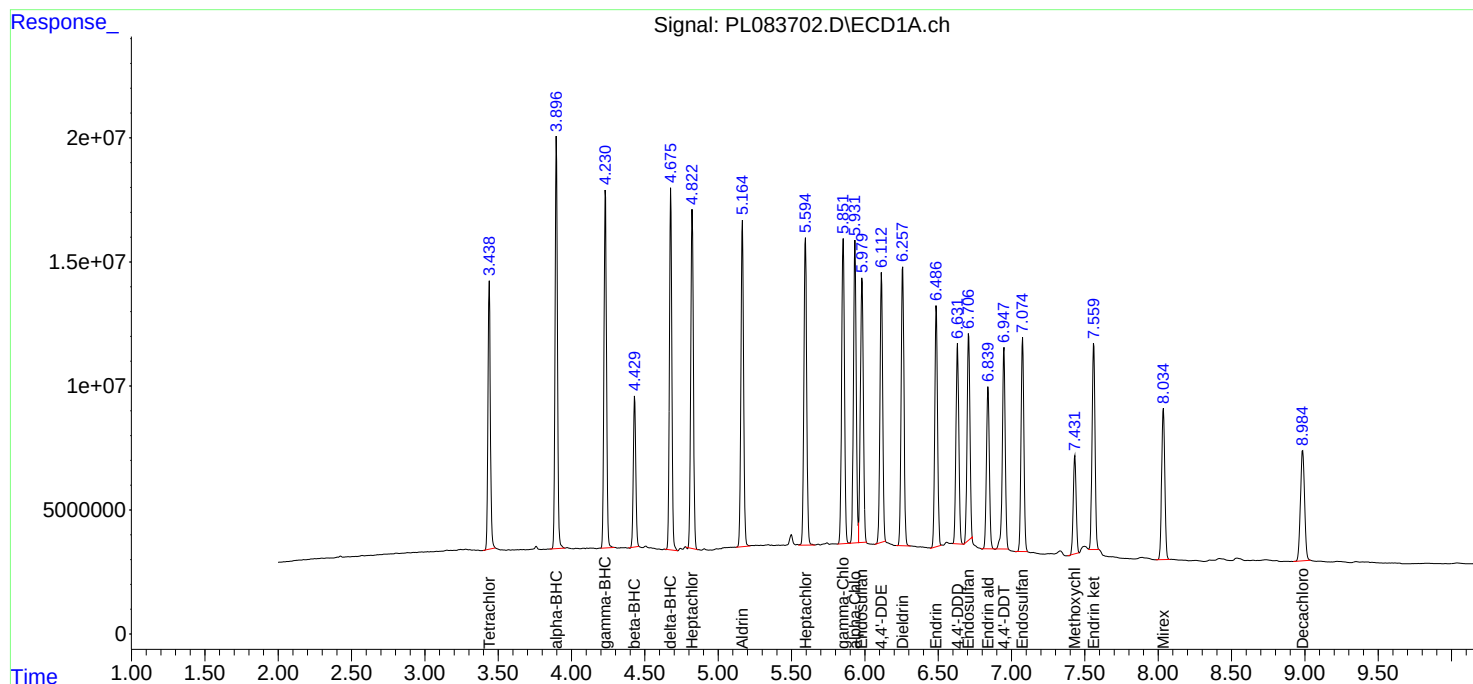
APPROVED

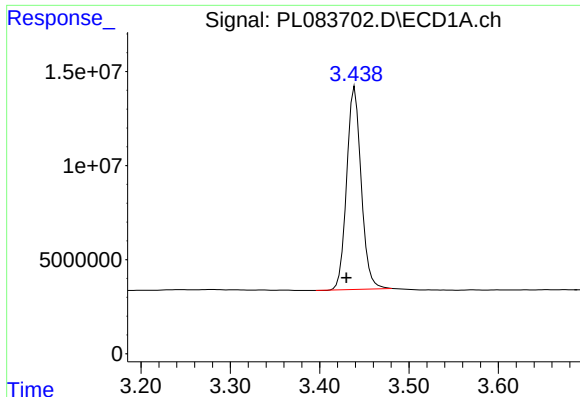
Reviewed By :Abdul Mirza 06/27/2023

Supervised By :Ankita Jodhani 06/27/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 26 21:31:29 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062523.M
Quant Title : GC Extractables
QLast Update : Mon Jun 26 10:45:09 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





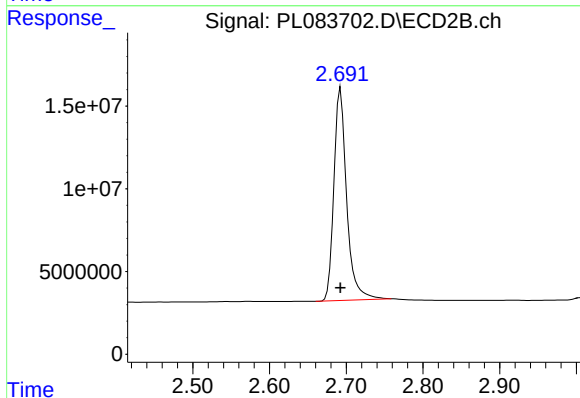
#1 Tetrachloro-m-xylene

R.T.: 3.439 min
Delta R.T.: 0.009 min
Response: 121544647
Conc: 48.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

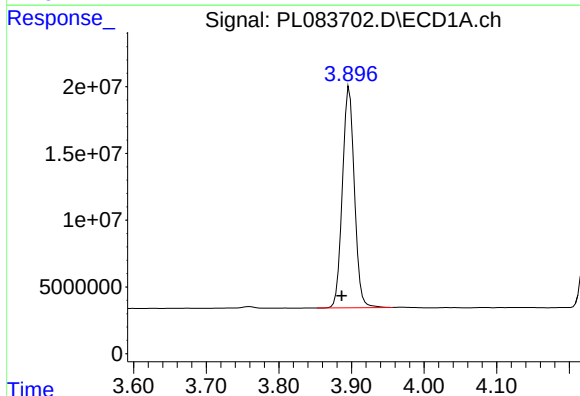
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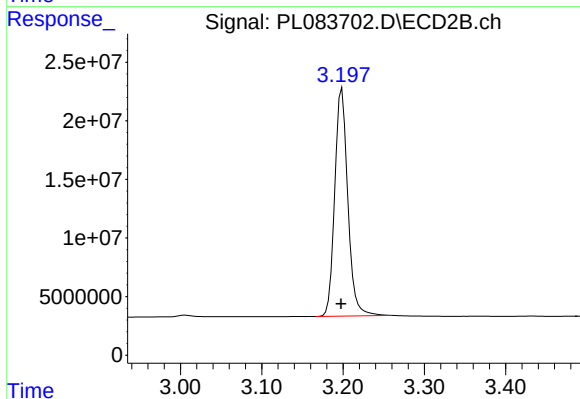
#1 Tetrachloro-m-xylene

R.T.: 2.693 min
Delta R.T.: 0.000 min
Response: 148700377
Conc: 51.21 ng/ml



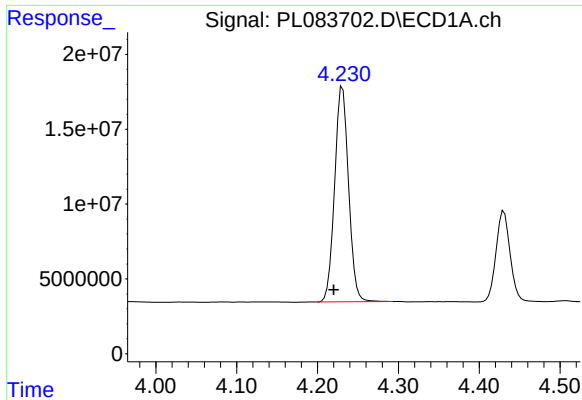
#2 alpha-BHC

R.T.: 3.897 min
Delta R.T.: 0.010 min
Response: 189923145
Conc: 50.58 ng/ml



#2 alpha-BHC

R.T.: 3.199 min
Delta R.T.: 0.002 min
Response: 217151990
Conc: 51.82 ng/ml



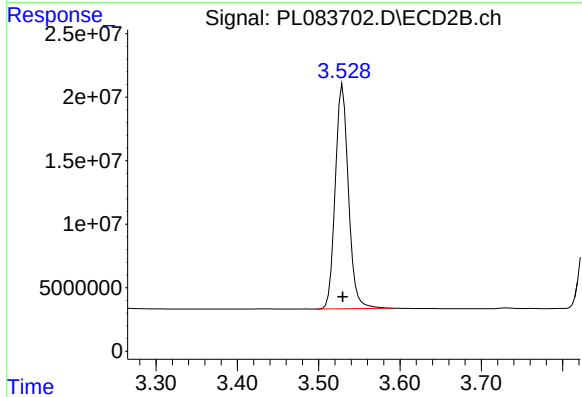
#3 gamma-BHC (Lindane)

R.T.: 4.231 min
Delta R.T.: 0.011 min
Response: 172234001
Conc: 49.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

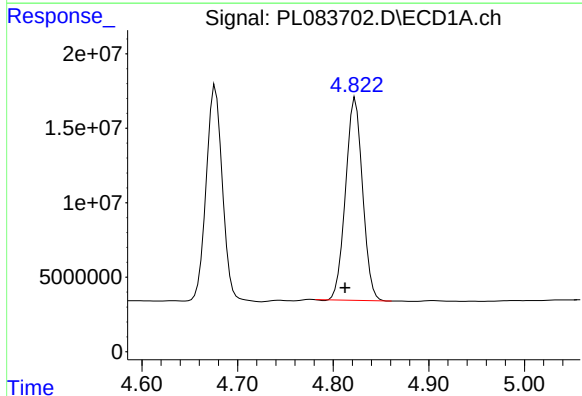
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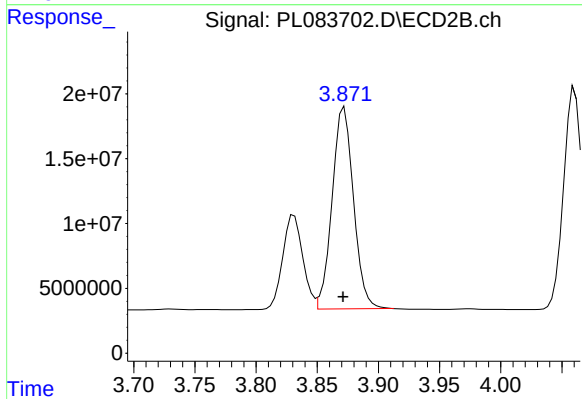
#3 gamma-BHC (Lindane)

R.T.: 3.530 min
Delta R.T.: 0.000 min
Response: 198916396
Conc: 49.77 ng/ml



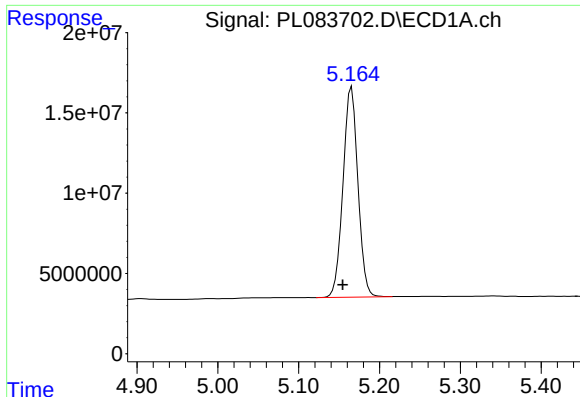
#4 Heptachlor

R.T.: 4.823 min
Delta R.T.: 0.011 min
Response: 168511155
Conc: 49.79 ng/ml



#4 Heptachlor

R.T.: 3.872 min
Delta R.T.: 0.001 min
Response: 189079427
Conc: 50.04 ng/ml



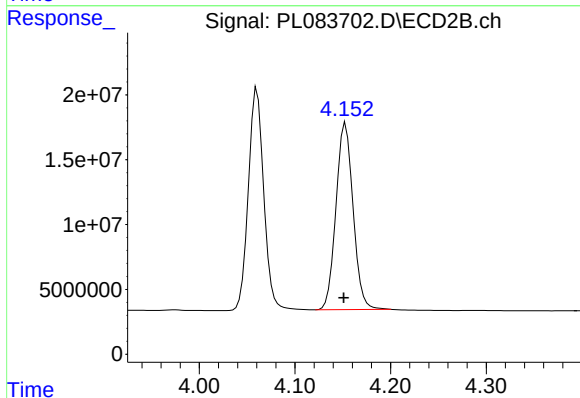
#5 Aldrin

R.T.: 5.165 min
Delta R.T.: 0.011 min
Response: 168039767
Conc: 48.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

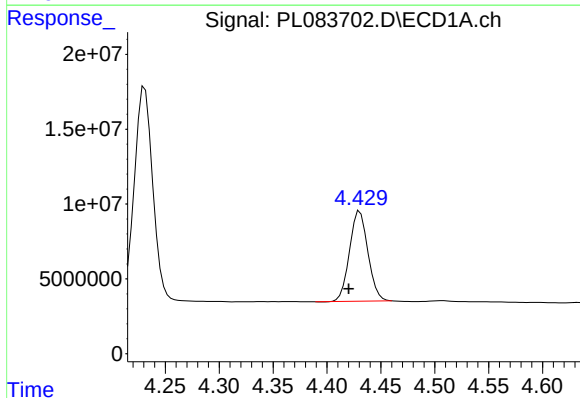
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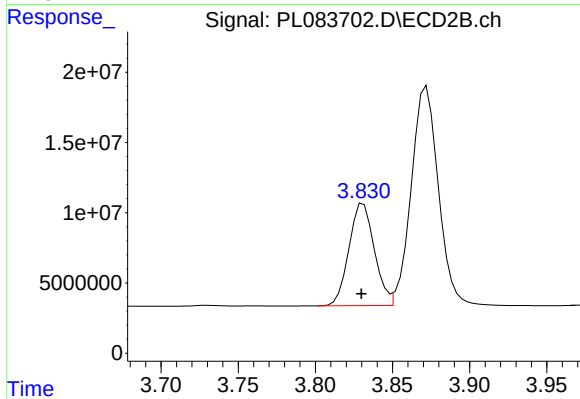
#5 Aldrin

R.T.: 4.153 min
Delta R.T.: 0.002 min
Response: 179140271
Conc: 50.08 ng/ml



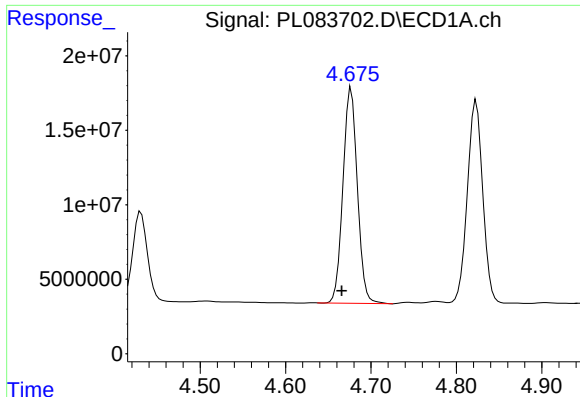
#6 beta-BHC

R.T.: 4.431 min
Delta R.T.: 0.010 min
Response: 71785025
Conc: 47.81 ng/ml



#6 beta-BHC

R.T.: 3.831 min
Delta R.T.: 0.001 min
Response: 83308390
Conc: 49.58 ng/ml



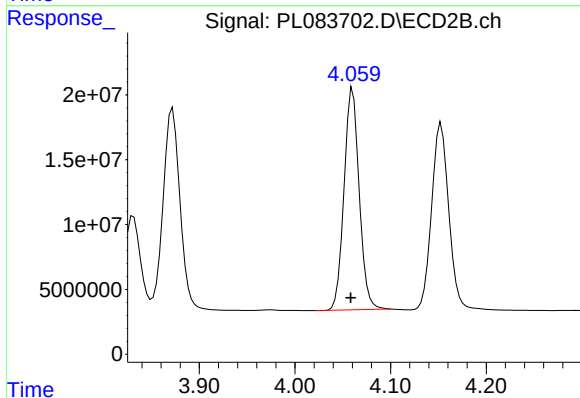
#7 delta-BHC

R.T.: 4.677 min
Delta R.T.: 0.011 min
Response: 169674935
Conc: 49.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

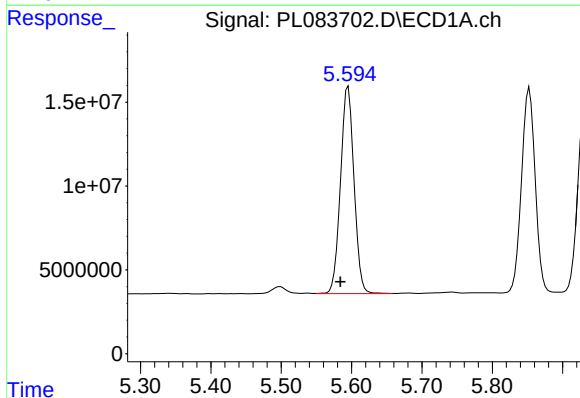
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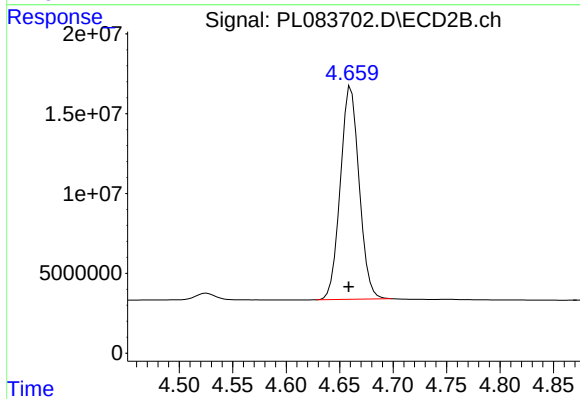
#7 delta-BHC

R.T.: 4.060 min
Delta R.T.: 0.002 min
Response: 189198208
Conc: 49.80 ng/ml



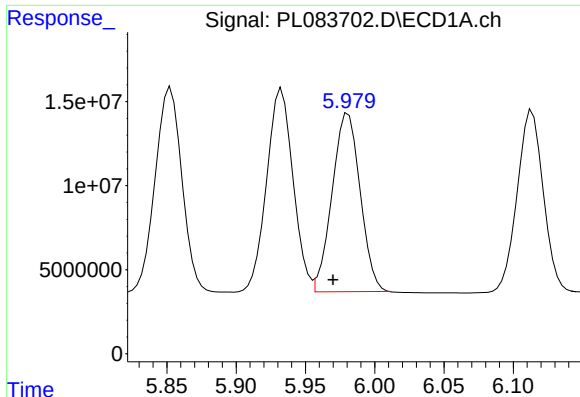
#8 Heptachlor epoxide

R.T.: 5.595 min
Delta R.T.: 0.011 min
Response: 164835641
Conc: 48.76 ng/ml



#8 Heptachlor epoxide

R.T.: 4.661 min
Delta R.T.: 0.002 min
Response: 163586653
Conc: 48.68 ng/ml



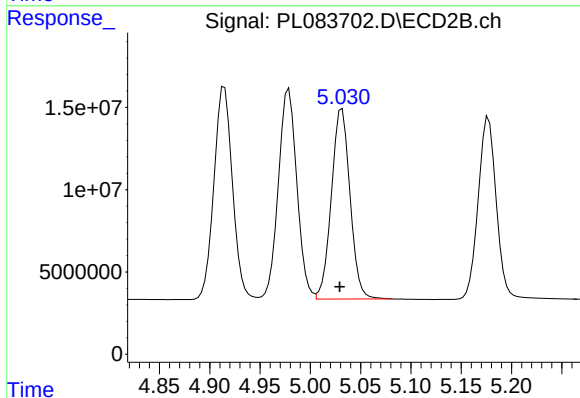
#9 Endosulfan I

R.T.: 5.981 min
Delta R.T.: 0.011 min
Response: 149711584
Conc: 48.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

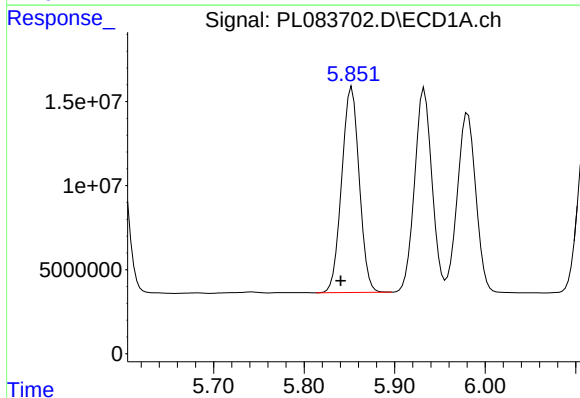
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Supervised By :Ankita Jodhani 06/27/2023



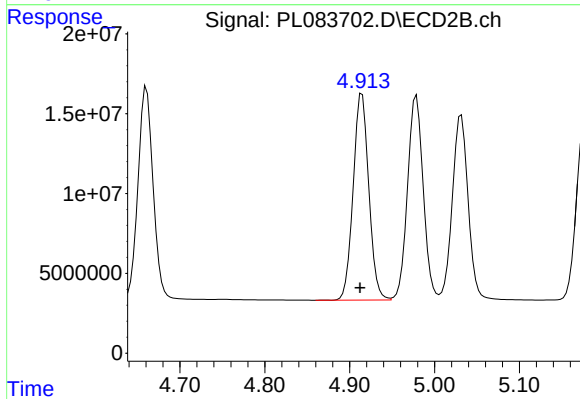
#9 Endosulfan I

R.T.: 5.032 min
Delta R.T.: 0.002 min
Response: 149070345
Conc: 48.19 ng/ml



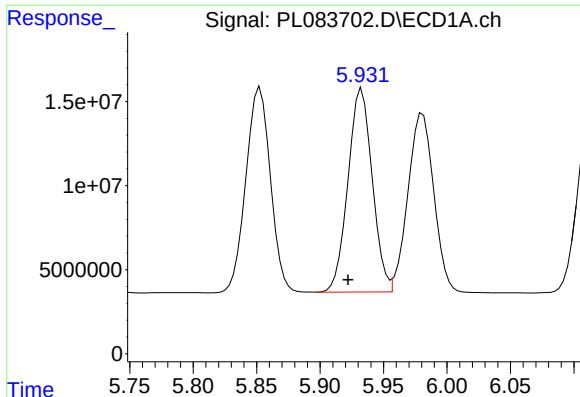
#10 gamma-Chlordane

R.T.: 5.853 min
Delta R.T.: 0.012 min
Response: 164791398
Conc: 48.95 ng/ml



#10 gamma-Chlordane

R.T.: 4.915 min
Delta R.T.: 0.003 min
Response: 165468758
Conc: 48.57 ng/ml



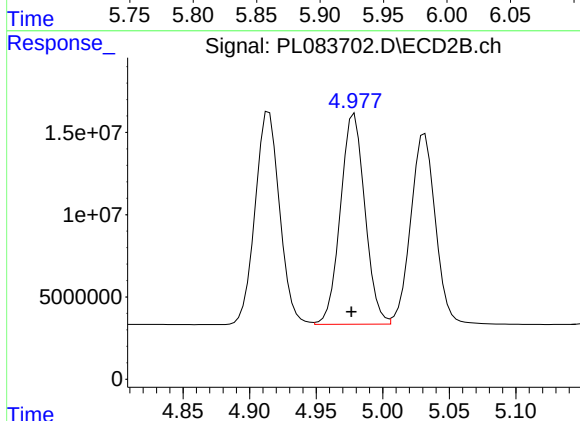
#11 alpha-Chlordane

R.T.: 5.933 min
Delta R.T.: 0.011 min
Response: 161175783
Conc: 48.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

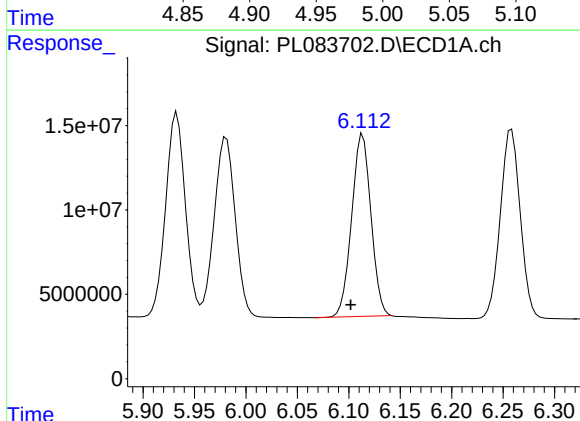
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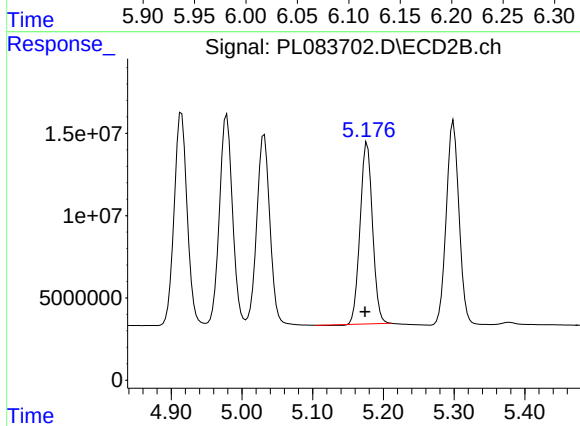
#11 alpha-Chlordane

R.T.: 4.979 min
Delta R.T.: 0.002 min
Response: 163934344
Conc: 48.41 ng/ml



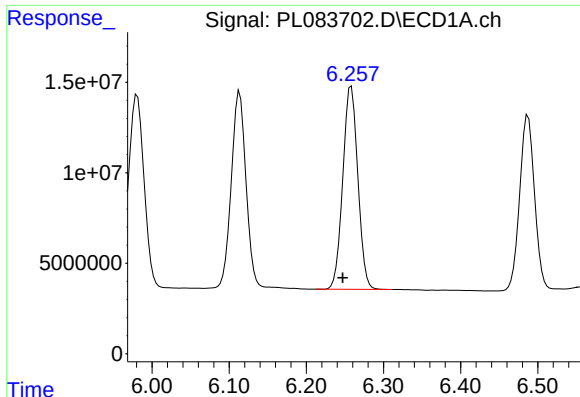
#12 4,4'-DDE

R.T.: 6.114 min
Delta R.T.: 0.012 min
Response: 141053056
Conc: 49.28 ng/ml



#12 4,4'-DDE

R.T.: 5.177 min
Delta R.T.: 0.003 min
Response: 134169835
Conc: 47.98 ng/ml



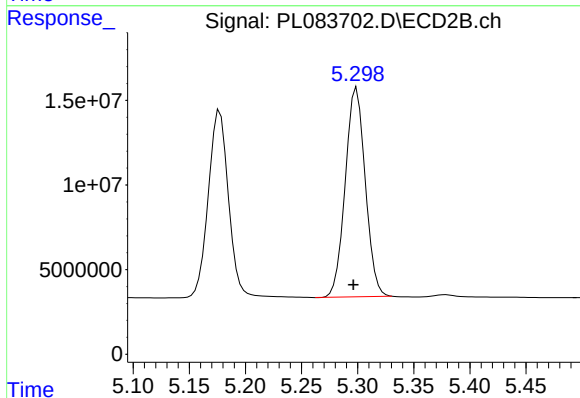
#13 Dieldrin

R.T.: 6.258 min
Delta R.T.: 0.011 min
Response: 151637085
Conc: 49.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

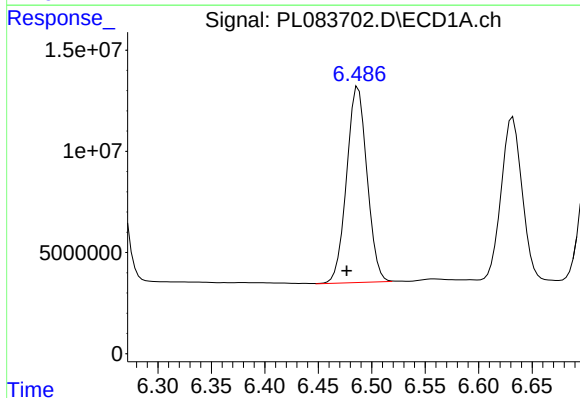
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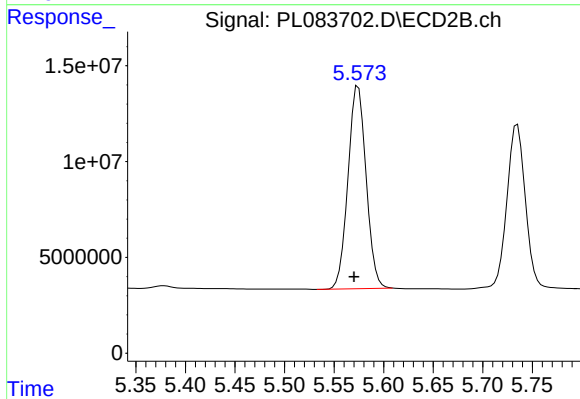
#13 Dieldrin

R.T.: 5.299 min
Delta R.T.: 0.003 min
Response: 153500625
Conc: 48.63 ng/ml



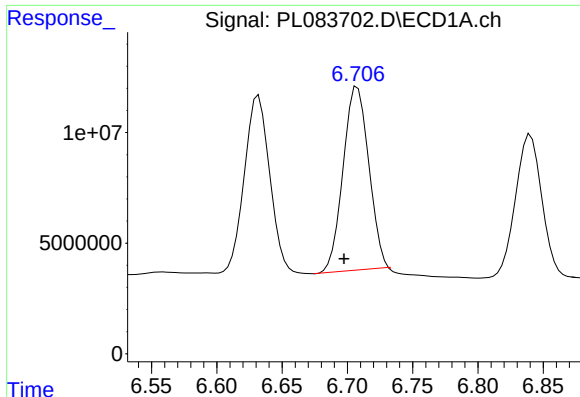
#14 Endrin

R.T.: 6.486 min
Delta R.T.: 0.009 min
Response: 128679849
Conc: 48.77 ng/ml m



#14 Endrin

R.T.: 5.574 min
Delta R.T.: 0.004 min
Response: 134885373
Conc: 50.69 ng/ml



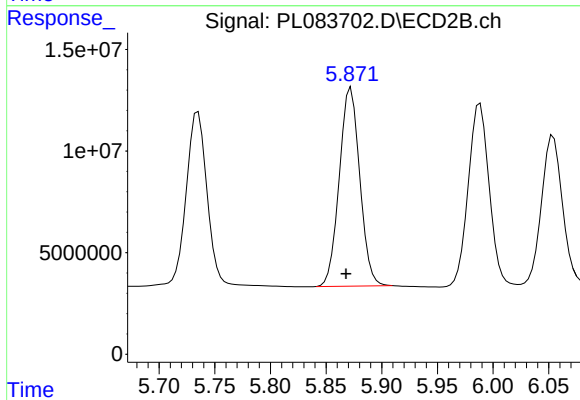
#15 Endosulfan II

R.T.: 6.708 min
Delta R.T.: 0.010 min
Response: 113475567
Conc: 47.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

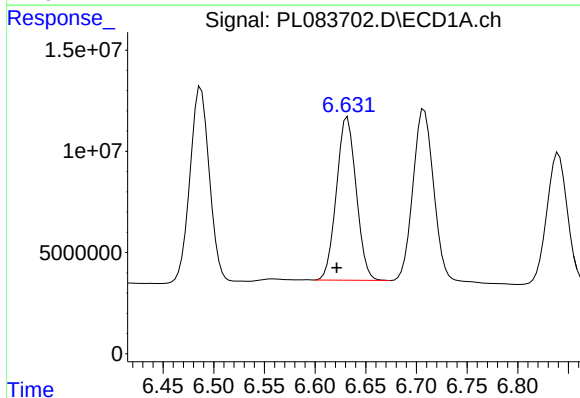
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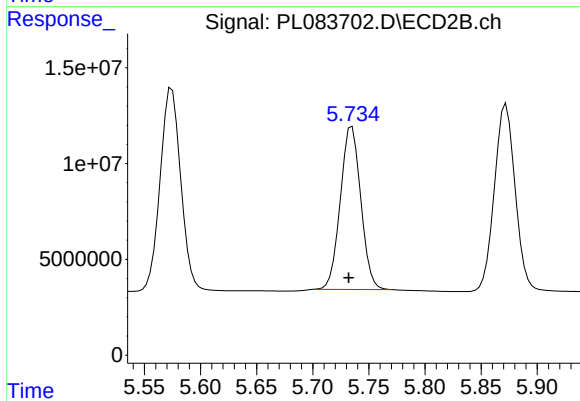
#15 Endosulfan II

R.T.: 5.872 min
Delta R.T.: 0.004 min
Response: 125107890
Conc: 48.82 ng/ml



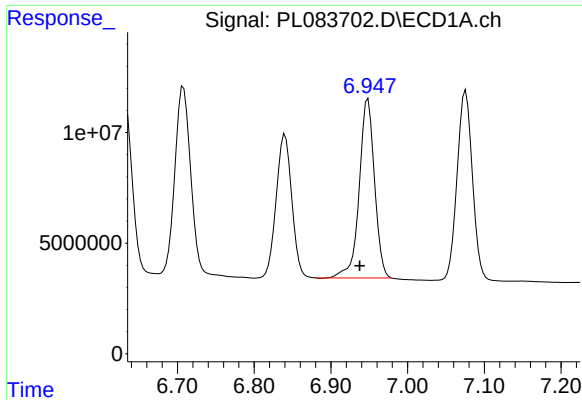
#16 4,4'-DDD

R.T.: 6.632 min
Delta R.T.: 0.011 min
Response: 109177244
Conc: 50.43 ng/ml



#16 4,4'-DDD

R.T.: 5.735 min
Delta R.T.: 0.003 min
Response: 107818373
Conc: 49.72 ng/ml



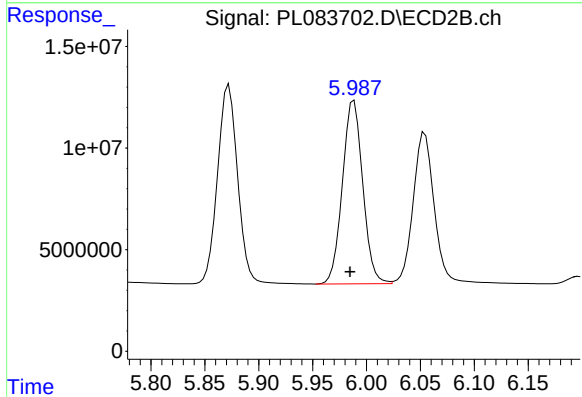
#17 4,4'-DDT

R.T.: 6.949 min
Delta R.T.: 0.011 min
Response: 112618338
Conc: 47.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

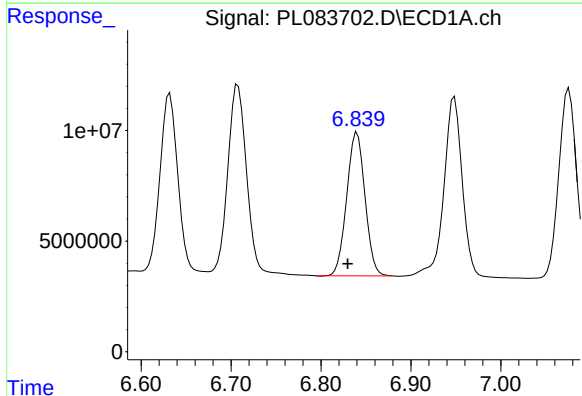
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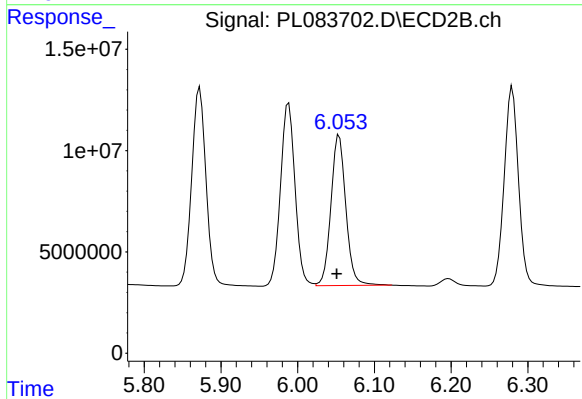
#17 4,4'-DDT

R.T.: 5.988 min
Delta R.T.: 0.003 min
Response: 118715625
Conc: 47.86 ng/ml



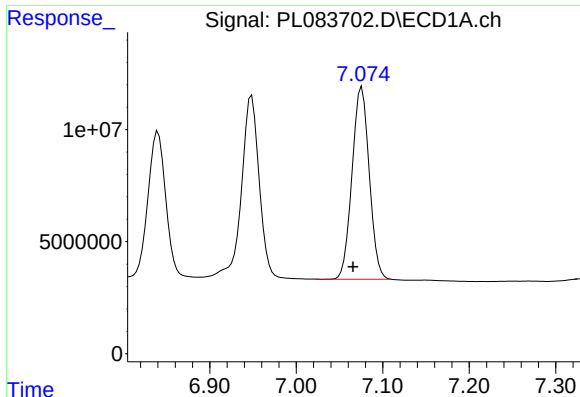
#18 Endrin aldehyde

R.T.: 6.840 min
Delta R.T.: 0.011 min
Response: 91479740
Conc: 49.43 ng/ml



#18 Endrin aldehyde

R.T.: 6.054 min
Delta R.T.: 0.003 min
Response: 100258301
Conc: 49.03 ng/ml



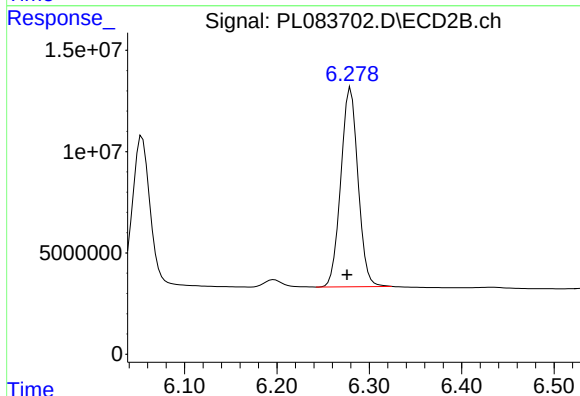
#19 Endosulfan Sulfate

R.T.: 7.076 min
Delta R.T.: 0.010 min
Response: 118428458
Conc: 49.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

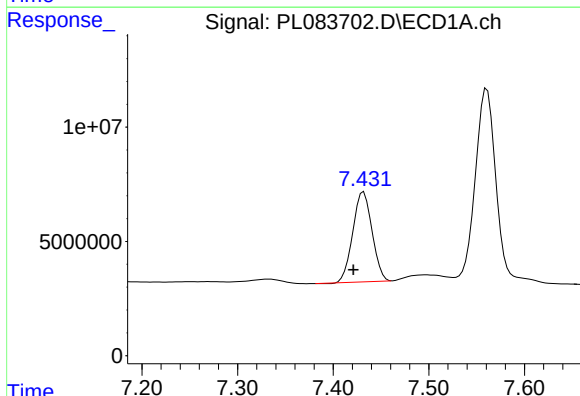
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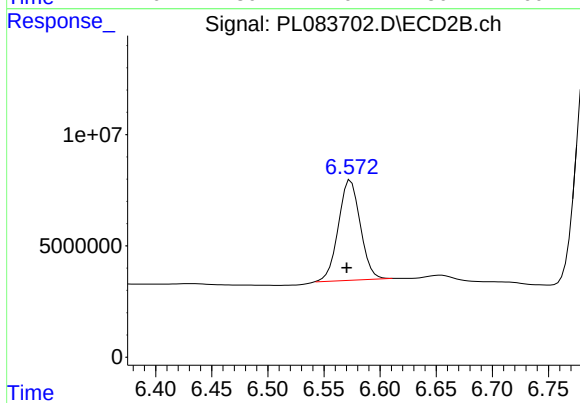
#19 Endosulfan Sulfate

R.T.: 6.280 min
Delta R.T.: 0.004 min
Response: 127096105
Conc: 48.84 ng/ml



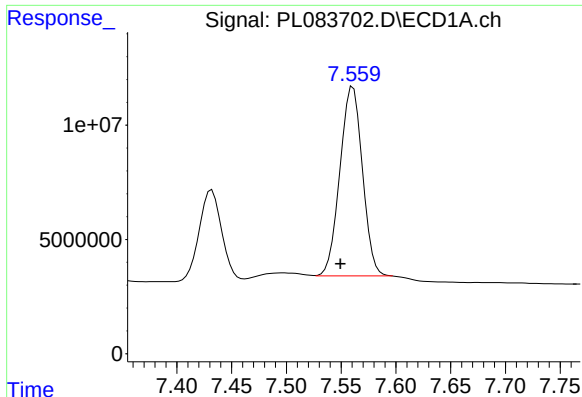
#20 Methoxychlor

R.T.: 7.432 min
Delta R.T.: 0.011 min
Response: 55222110
Conc: 47.74 ng/ml



#20 Methoxychlor

R.T.: 6.574 min
Delta R.T.: 0.004 min
Response: 61377128
Conc: 48.48 ng/ml



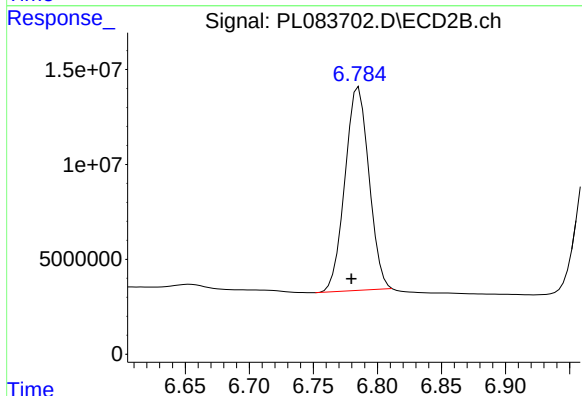
#21 Endrin ketone

R.T.: 7.559 min
Delta R.T.: 0.010 min
Response: 118646208
Conc: 51.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

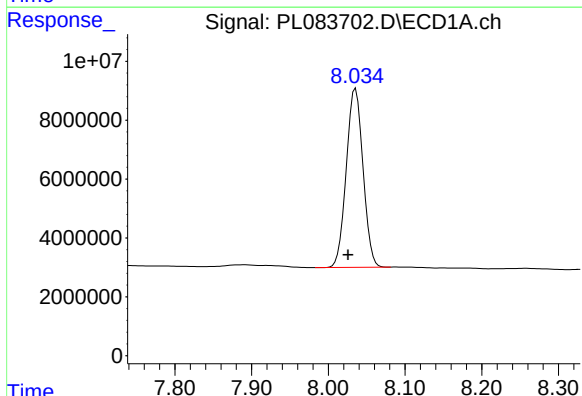
Manual Integrations
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Reviewed By :Abdul Mirza 06/27/2023
Supervised By :Ankita Jodhani 06/27/2023



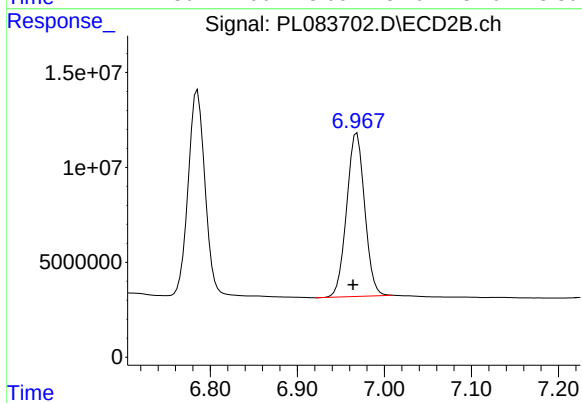
#21 Endrin ketone

R.T.: 6.785 min
Delta R.T.: 0.006 min
Response: 139865694
Conc: 48.25 ng/ml



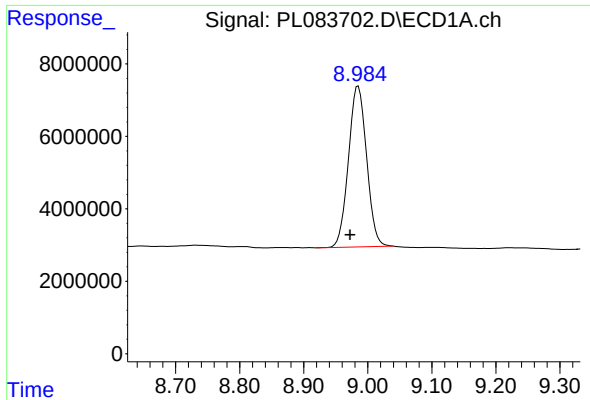
#22 Mirex

R.T.: 8.035 min
Delta R.T.: 0.010 min
Response: 92719728
Conc: 48.69 ng/ml



#22 Mirex

R.T.: 6.968 min
Delta R.T.: 0.004 min
Response: 123948437
Conc: 49.05 ng/ml



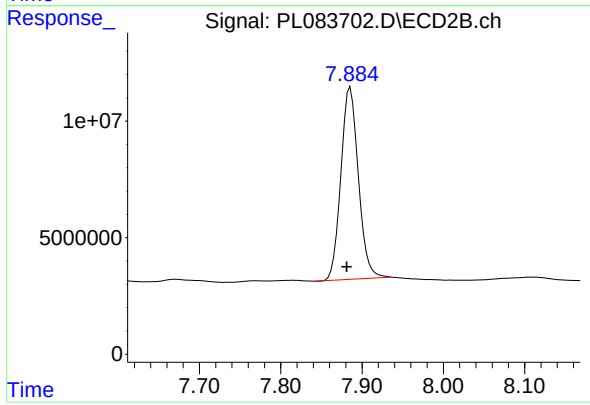
#28 Decachlorobiphenyl

R.T.: 8.985 min
Delta R.T.: 0.013 min
Response: 87284836
Conc: 51.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/27/2023
Supervised By :Ankita Jodhani 06/27/2023



#28 Decachlorobiphenyl

R.T.: 7.886 min
Delta R.T.: 0.004 min
Response: 122813082
Conc: 49.67 ng/ml