

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051923\
 Data File : PL082849.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 May 2023 23:56
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/22/2023
 Supervised By :Ankita Jodhani 05/22/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 20 05:08:36 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051923.M
 Quant Title : GC Extractables
 QLast Update : Sat May 20 04:58:53 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...	3.317	2.638	156.0E6	137.8E6	53.079	53.072
28)	SA Decachlor...	8.731	7.743	105.9E6	128.6E6	50.483	51.711
Target Compounds							
2)	A alpha-BHC	3.766	3.134	239.3E6	203.2E6	53.907	54.464
3)	MA gamma-BHC...	4.093	3.461	221.0E6	185.7E6	53.351	55.698
4)	MA Heptachlor	4.672	3.792	205.2E6	193.5E6	53.684	52.845
5)	MB Aldrin	5.008	4.068	190.4E6	175.3E6	54.113	53.890
6)	B beta-BHC	4.298	3.761	94925383	76865683	50.419	53.749
7)	B delta-BHC	4.538	3.986	205.0E6	180.0E6	59.613	54.932
8)	B Heptachlo...	5.434	4.569	172.0E6	159.9E6	53.759	53.887
9)	A Endosulfan I	5.814	4.936	160.2E6	148.1E6	53.388	53.017
10)	B gamma-Chl...	5.687	4.817	168.6E6	161.1E6	53.065m	53.637
11)	B alpha-Chl...	5.767	4.880	171.9E6	160.5E6	53.567	53.472
12)	B 4,4'-DDE	5.945	5.069	145.7E6	134.2E6	52.870	55.248m
13)	MA Dieldrin	6.089	5.200	158.6E6	151.9E6	52.716	53.820
14)	MA Endrin	6.316	5.474	137.9E6	136.6E6	51.299	53.836
15)	B Endosulfa...	6.539	5.770	129.1E6	125.8E6	48.708	50.831
16)	A 4,4'-DDD	6.461	5.625	117.7E6	107.9E6	54.163	56.119
17)	MA 4,4'-DDT	6.771	5.873	124.7E6	118.2E6	49.821	53.001
18)	B Endrin al...	6.668	5.950	103.1E6	102.3E6	51.285	51.744
19)	B Endosulfa...	6.902	6.173	132.7E6	129.3E6	51.746	52.818
20)	A Methoxychlor	7.252	6.452	66047738	65586064	49.946	51.572
21)	B Endrin ke...	7.382	6.677	134.9E6	143.9E6	52.867	53.239
22)	Mirex	7.845	6.848	104.4E6	121.9E6	49.825	52.089

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051923\
Data File : PL082849.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 May 2023 23:56
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

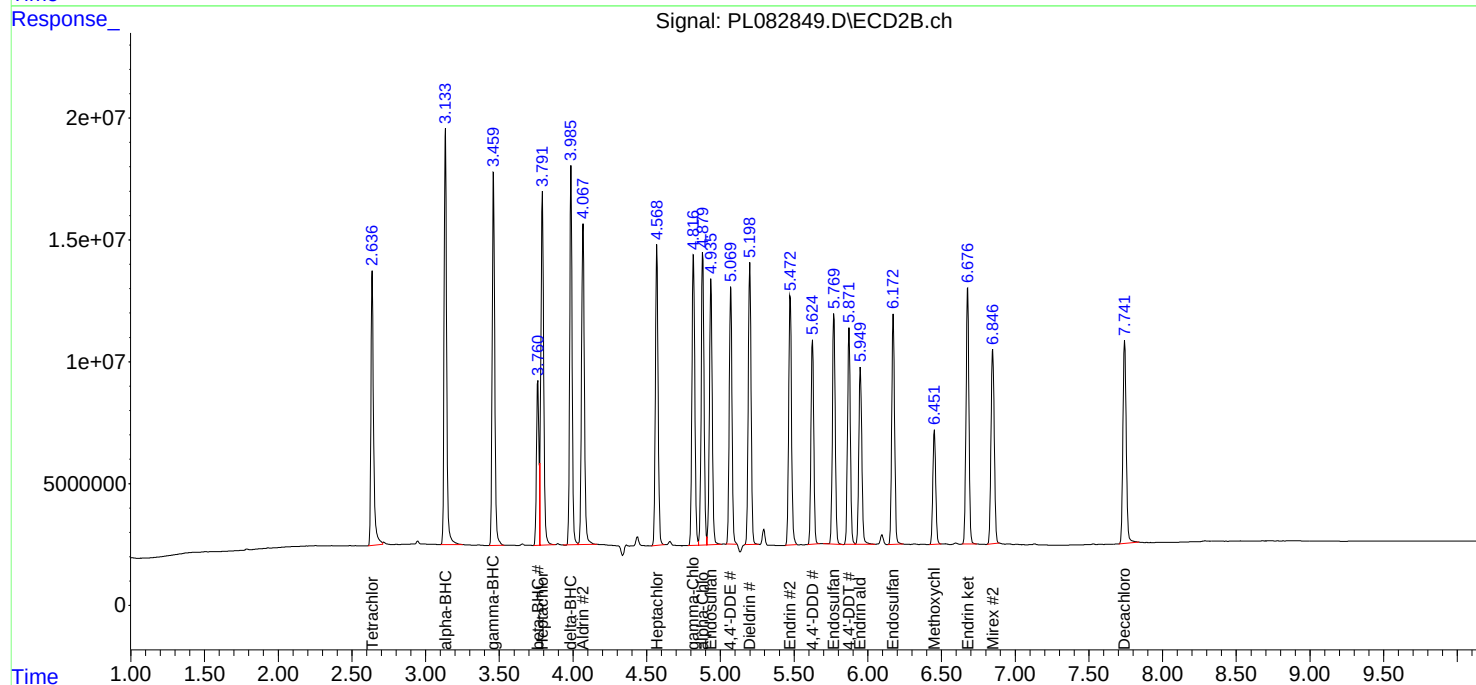
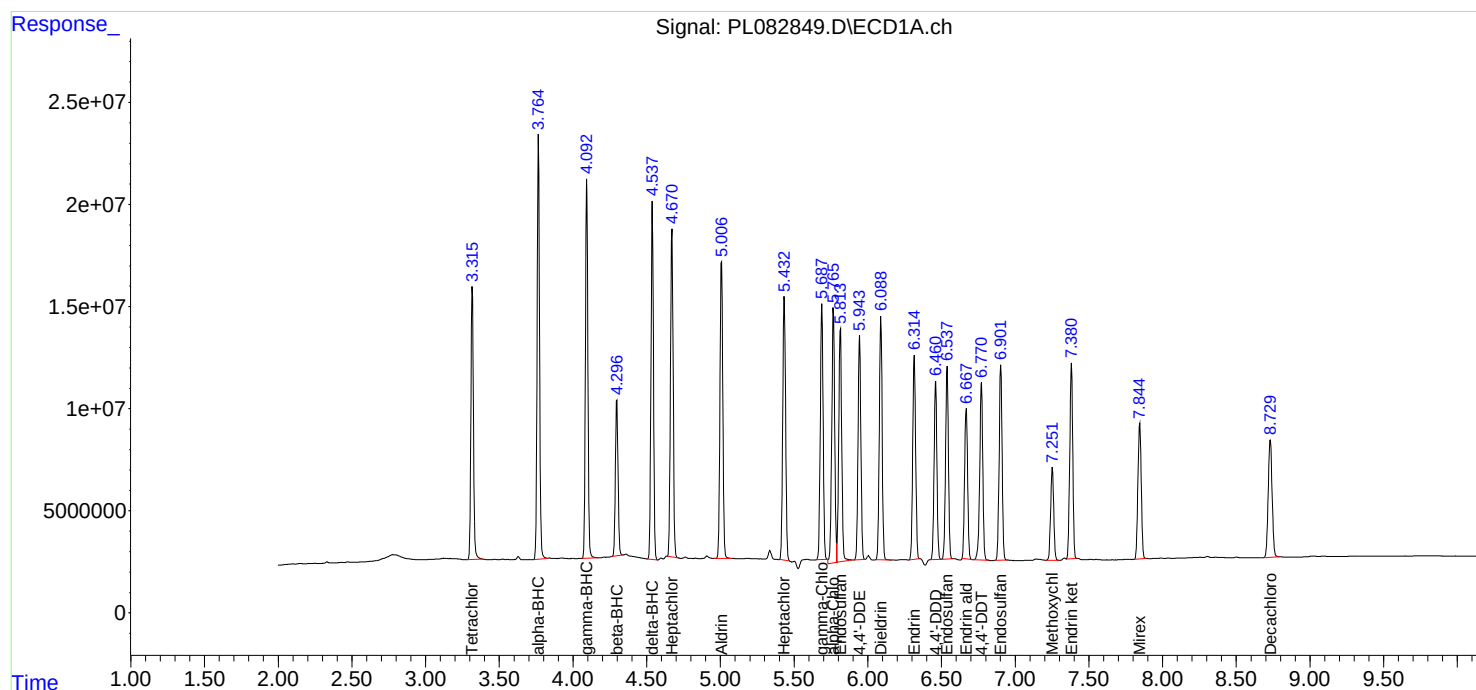
APPROVED

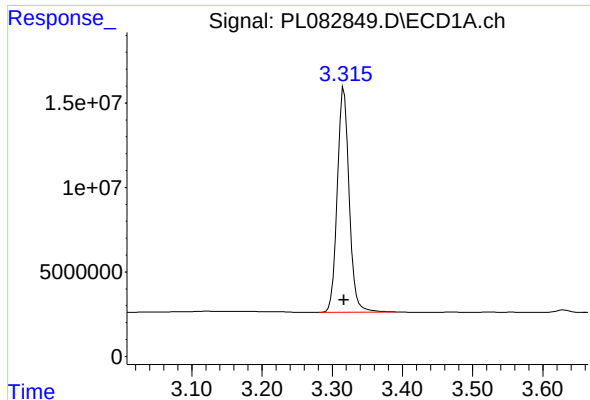
Reviewed By :Abdul Mirza 05/22/2023

Supervised By :Ankita Jodhani 05/22/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 20 05:08:36 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051923.M
Quant Title : GC Extractables
QLast Update : Sat May 20 04:58:53 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





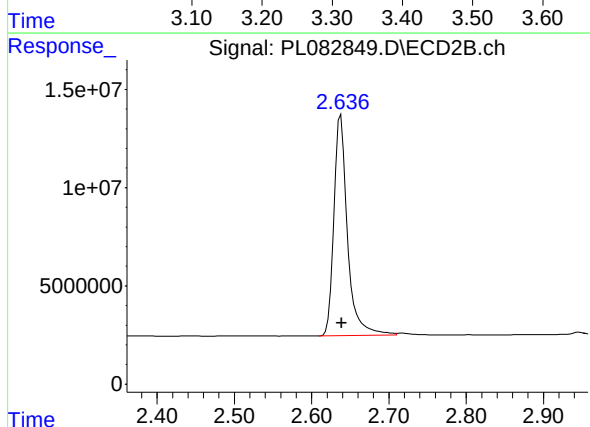
#1 Tetrachloro-m-xylene

R.T.: 3.317 min
Delta R.T.: 0.000 min
Response: 156001280
Conc: 53.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

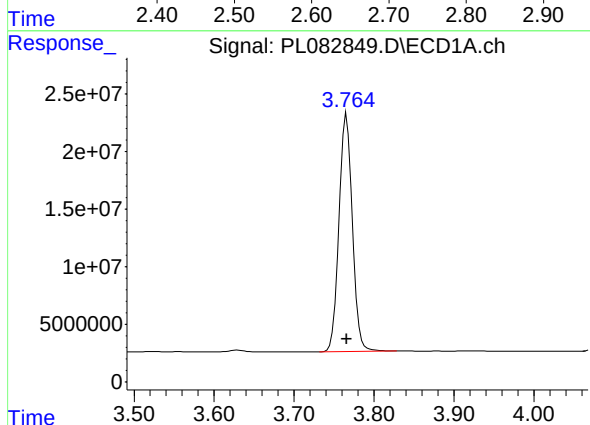
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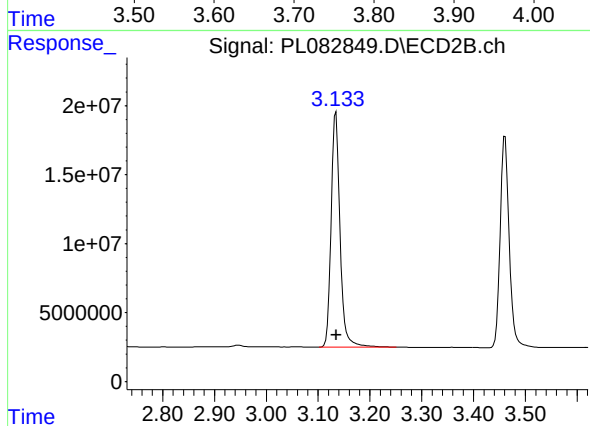
#1 Tetrachloro-m-xylene

R.T.: 2.638 min
Delta R.T.: -0.001 min
Response: 137780262
Conc: 53.07 ng/ml



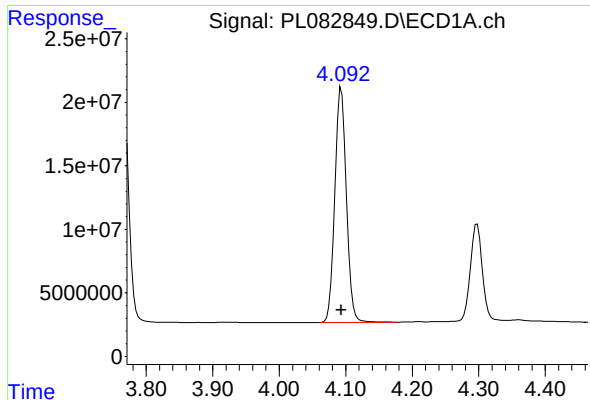
#2 alpha-BHC

R.T.: 3.766 min
Delta R.T.: 0.000 min
Response: 239308213
Conc: 53.91 ng/ml



#2 alpha-BHC

R.T.: 3.134 min
Delta R.T.: 0.000 min
Response: 203228895
Conc: 54.46 ng/ml



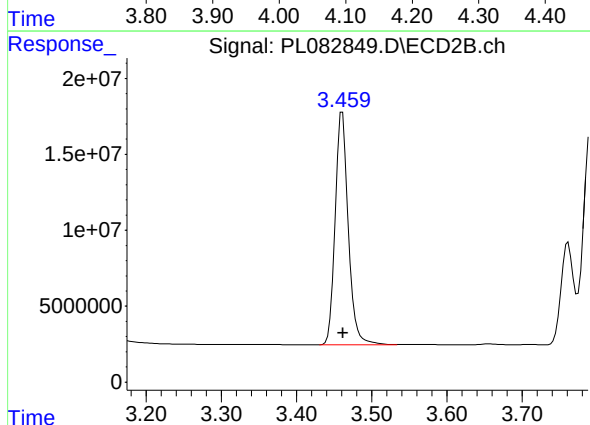
#3 gamma-BHC (Lindane)

R.T.: 4.093 min
Delta R.T.: 0.000 min
Response: 221028871
Conc: 53.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

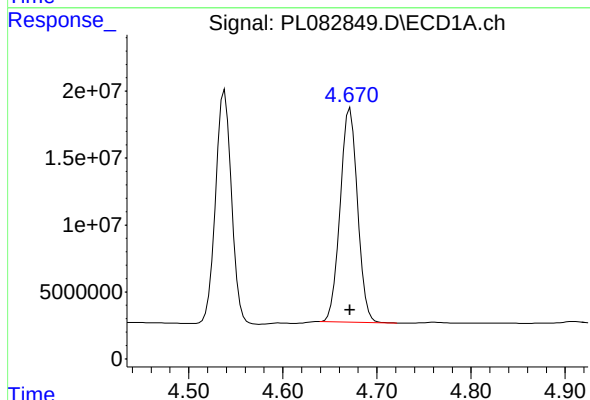
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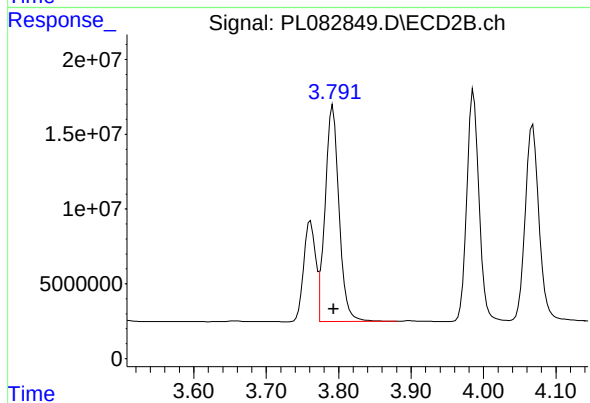
#3 gamma-BHC (Lindane)

R.T.: 3.461 min
Delta R.T.: -0.001 min
Response: 185659638
Conc: 55.70 ng/ml



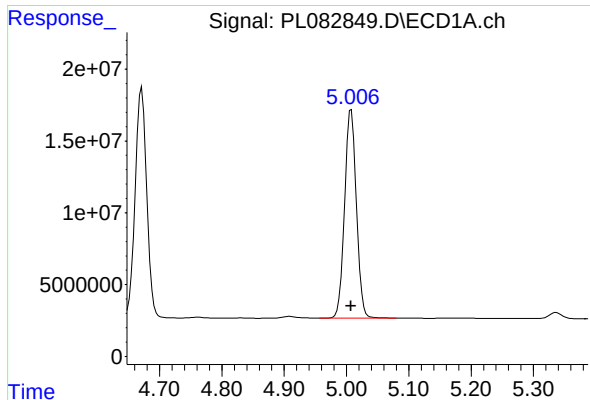
#4 Heptachlor

R.T.: 4.672 min
Delta R.T.: 0.000 min
Response: 205207154
Conc: 53.68 ng/ml



#4 Heptachlor

R.T.: 3.792 min
Delta R.T.: -0.001 min
Response: 193469579
Conc: 52.84 ng/ml



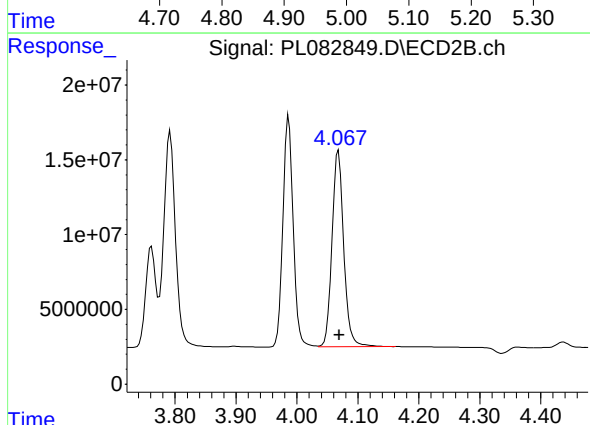
#5 Aldrin

R.T.: 5.008 min
Delta R.T.: 0.000 min
Response: 190376836
Conc: 54.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

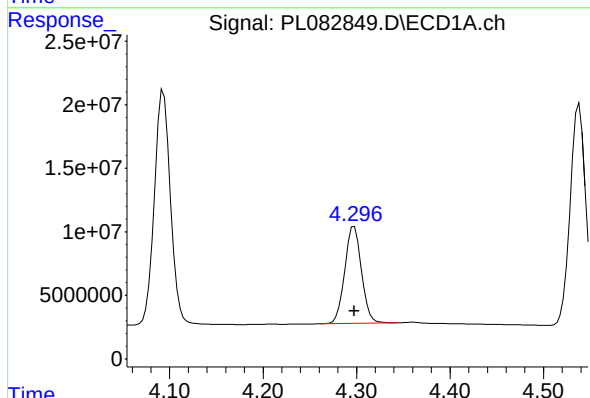
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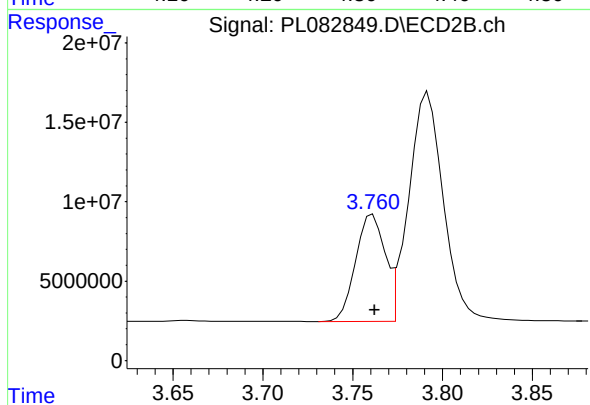
#5 Aldrin

R.T.: 4.068 min
Delta R.T.: -0.002 min
Response: 175336755
Conc: 53.89 ng/ml



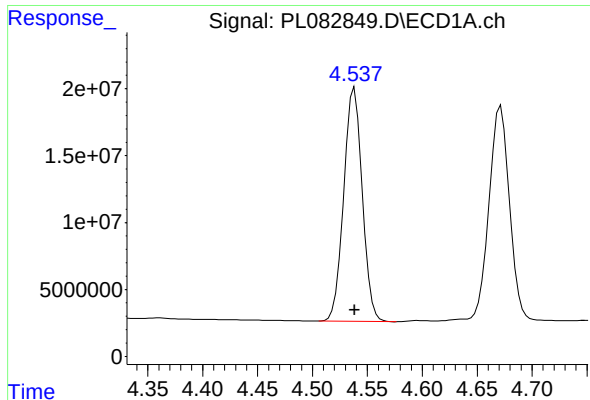
#6 beta-BHC

R.T.: 4.298 min
Delta R.T.: 0.000 min
Response: 94925383
Conc: 50.42 ng/ml



#6 beta-BHC

R.T.: 3.761 min
Delta R.T.: -0.001 min
Response: 76865683
Conc: 53.75 ng/ml



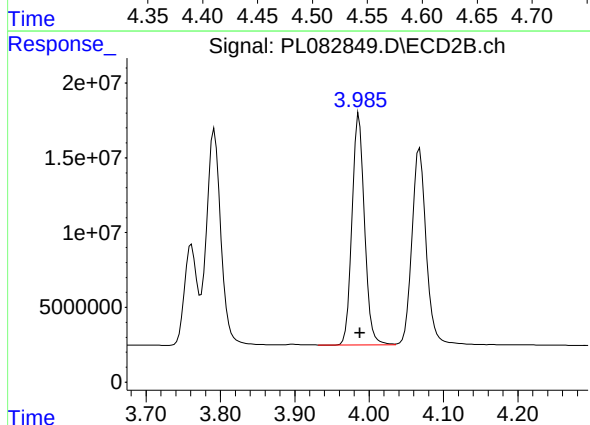
#7 delta-BHC

R.T.: 4.538 min
Delta R.T.: 0.000 min
Response: 205004251
Conc: 59.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

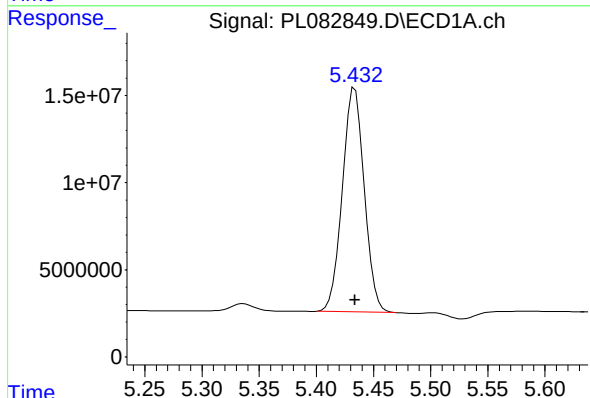
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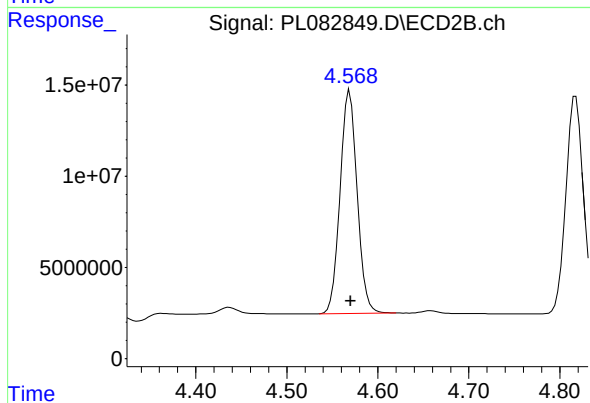
#7 delta-BHC

R.T.: 3.986 min
Delta R.T.: -0.001 min
Response: 179983366
Conc: 54.93 ng/ml



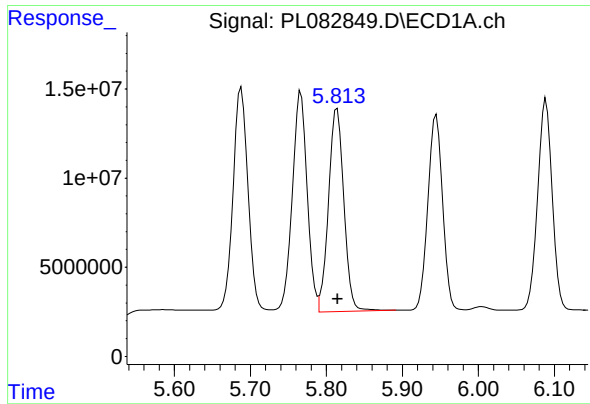
#8 Heptachlor epoxide

R.T.: 5.434 min
Delta R.T.: 0.000 min
Response: 171959826
Conc: 53.76 ng/ml



#8 Heptachlor epoxide

R.T.: 4.569 min
Delta R.T.: -0.001 min
Response: 159931662
Conc: 53.89 ng/ml



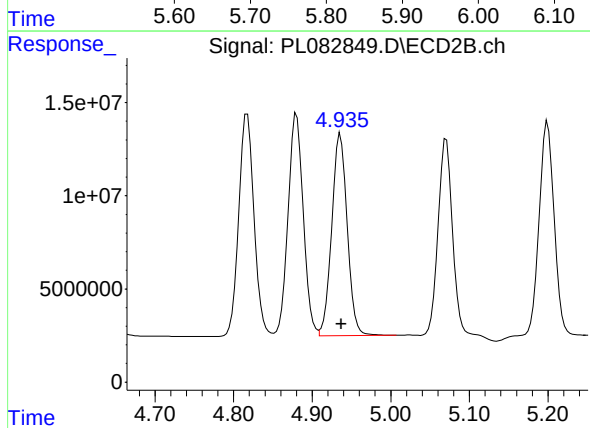
#9 Endosulfan I

R.T.: 5.814 min
Delta R.T.: 0.000 min
Response: 160196701
Conc: 53.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

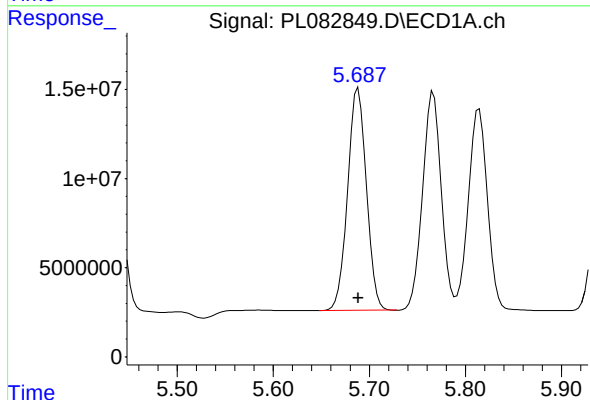
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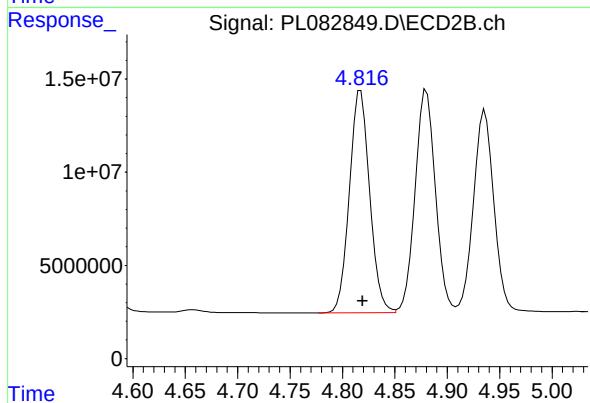
#9 Endosulfan I

R.T.: 4.936 min
Delta R.T.: -0.001 min
Response: 148148683
Conc: 53.02 ng/ml



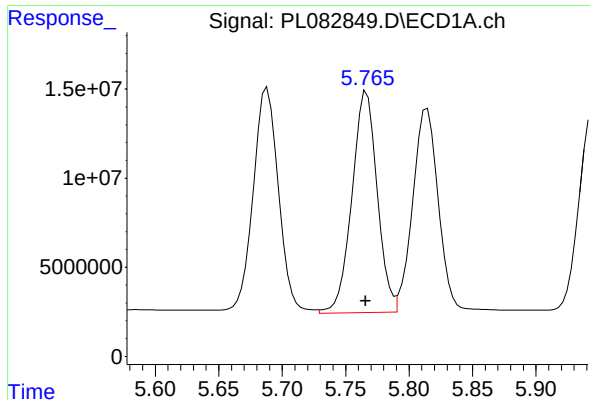
#10 gamma-Chlordane

R.T.: 5.687 min
Delta R.T.: -0.002 min
Response: 168586657
Conc: 53.07 ng/ml m



#10 gamma-Chlordane

R.T.: 4.817 min
Delta R.T.: -0.002 min
Response: 161091548
Conc: 53.64 ng/ml



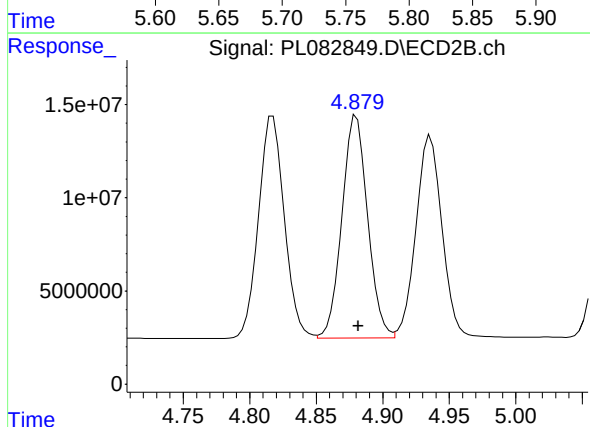
#11 alpha-Chlordane

R.T.: 5.767 min
Delta R.T.: 0.000 min
Response: 171911625
Conc: 53.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

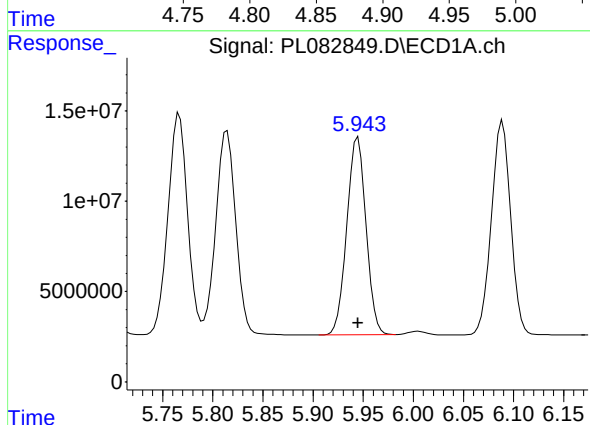
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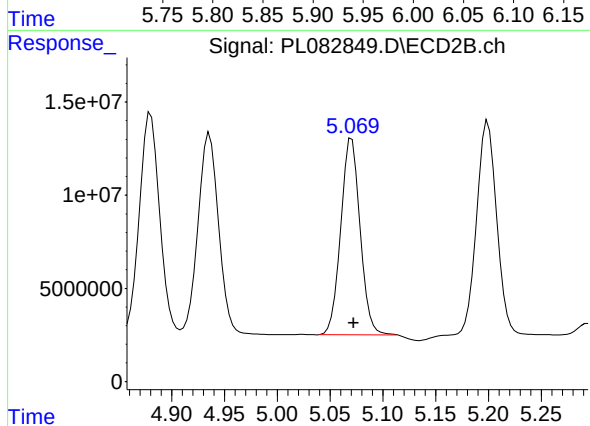
#11 alpha-Chlordane

R.T.: 4.880 min
Delta R.T.: -0.002 min
Response: 160521403
Conc: 53.47 ng/ml



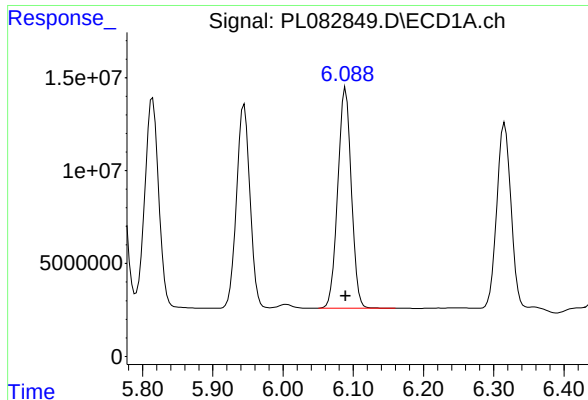
#12 4,4'-DDE

R.T.: 5.945 min
Delta R.T.: 0.000 min
Response: 145736099
Conc: 52.87 ng/ml



#12 4,4'-DDE

R.T.: 5.069 min
Delta R.T.: -0.003 min
Response: 134183230
Conc: 55.25 ng/ml m



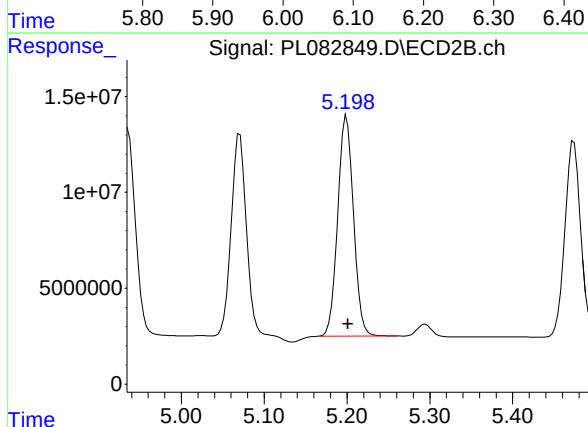
#13 Dieldrin

R.T.: 6.089 min
Delta R.T.: 0.000 min
Response: 158562183
Conc: 52.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

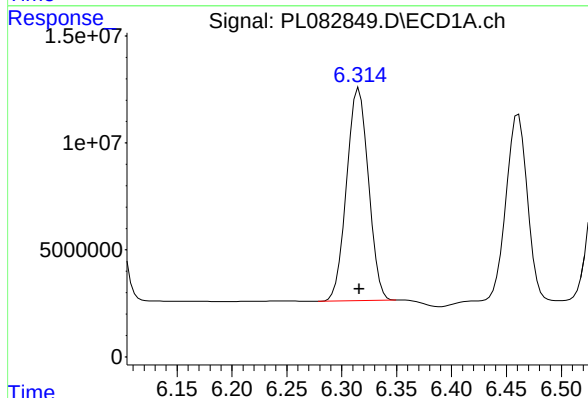
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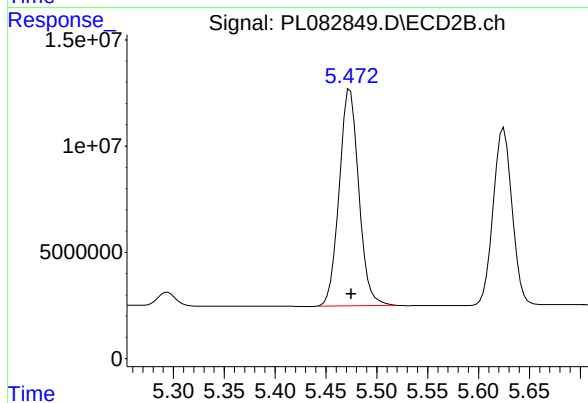
#13 Dieldrin

R.T.: 5.200 min
Delta R.T.: -0.002 min
Response: 151928956
Conc: 53.82 ng/ml



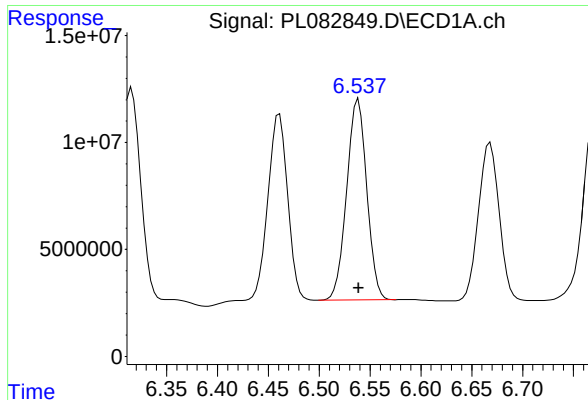
#14 Endrin

R.T.: 6.316 min
Delta R.T.: 0.000 min
Response: 137853761
Conc: 51.30 ng/ml



#14 Endrin

R.T.: 5.474 min
Delta R.T.: -0.001 min
Response: 136580358
Conc: 53.84 ng/ml



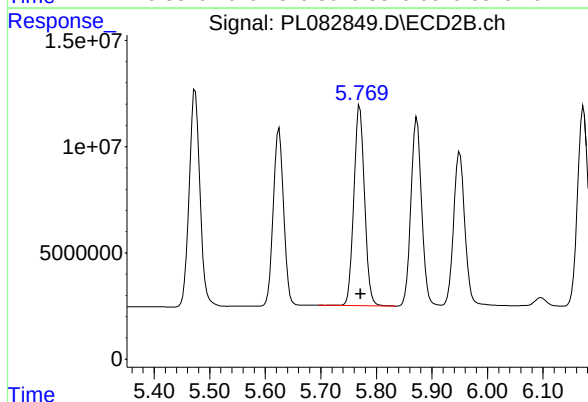
#15 Endosulfan II

R.T.: 6.539 min
Delta R.T.: 0.000 min
Response: 129093578
Conc: 48.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

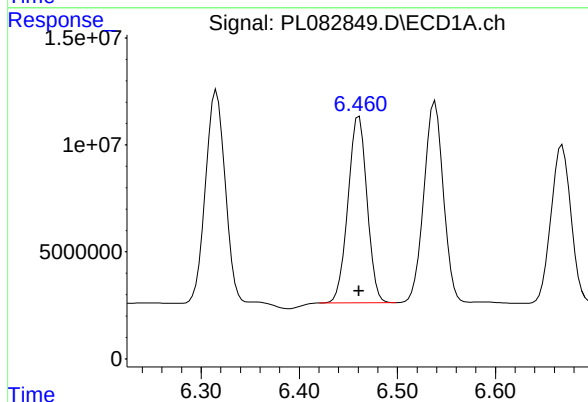
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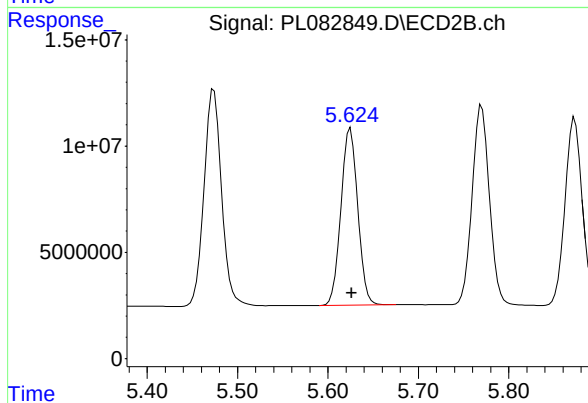
#15 Endosulfan II

R.T.: 5.770 min
Delta R.T.: -0.002 min
Response: 125764889
Conc: 50.83 ng/ml



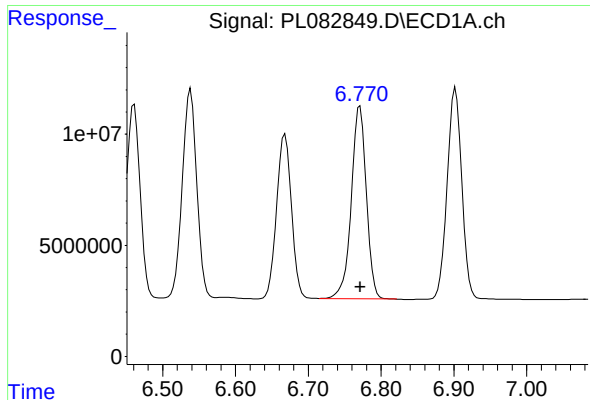
#16 4,4'-DDD

R.T.: 6.461 min
Delta R.T.: 0.000 min
Response: 117698482
Conc: 54.16 ng/ml



#16 4,4'-DDD

R.T.: 5.625 min
Delta R.T.: -0.001 min
Response: 107930773
Conc: 56.12 ng/ml



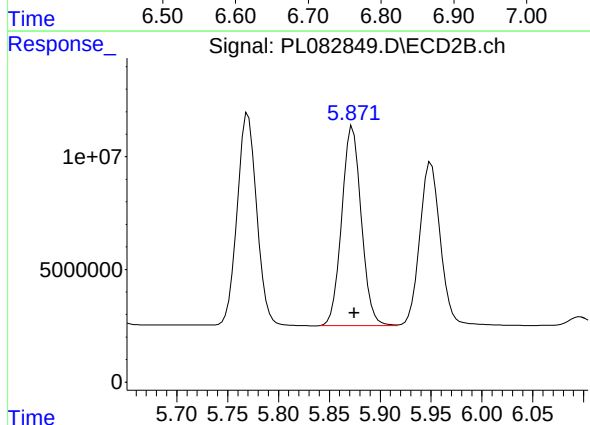
#17 4,4'-DDT

R.T.: 6.771 min
Delta R.T.: 0.000 min
Response: 124709659
Conc: 49.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

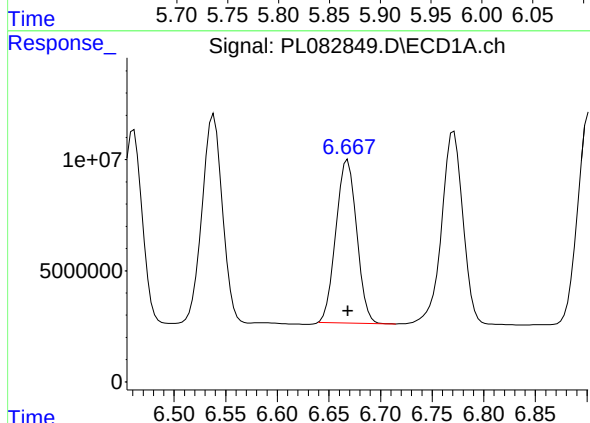
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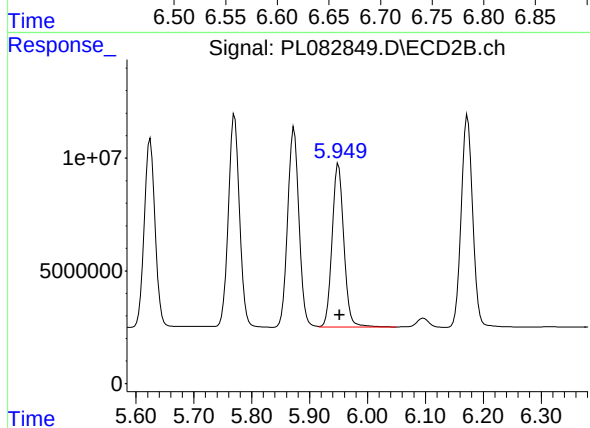
#17 4,4'-DDT

R.T.: 5.873 min
Delta R.T.: -0.002 min
Response: 118246821
Conc: 53.00 ng/ml



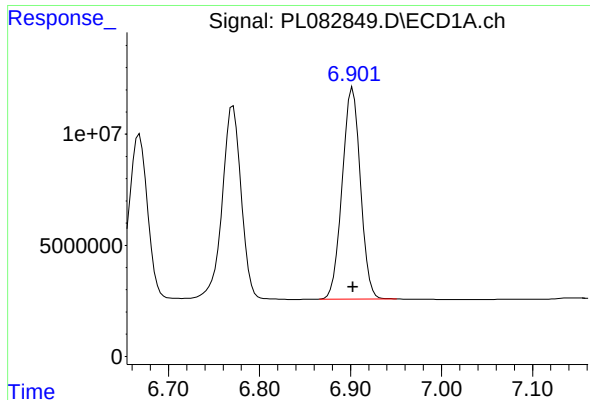
#18 Endrin aldehyde

R.T.: 6.668 min
Delta R.T.: 0.000 min
Response: 103116278
Conc: 51.29 ng/ml



#18 Endrin aldehyde

R.T.: 5.950 min
Delta R.T.: -0.002 min
Response: 102322604
Conc: 51.74 ng/ml



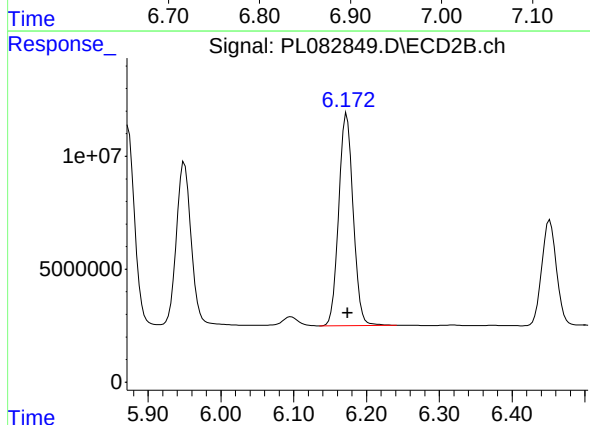
#19 Endosulfan Sulfate

R.T.: 6.902 min
Delta R.T.: 0.000 min
Response: 132663403
Conc: 51.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

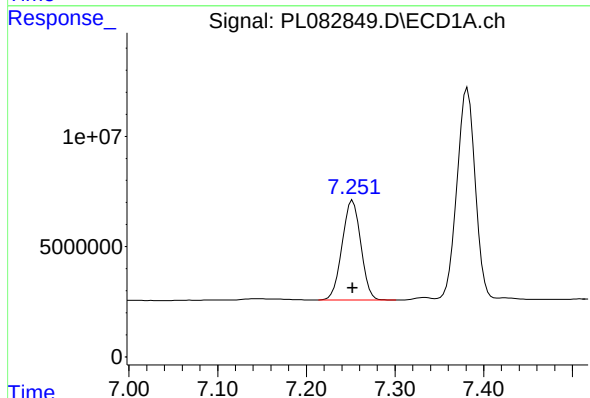
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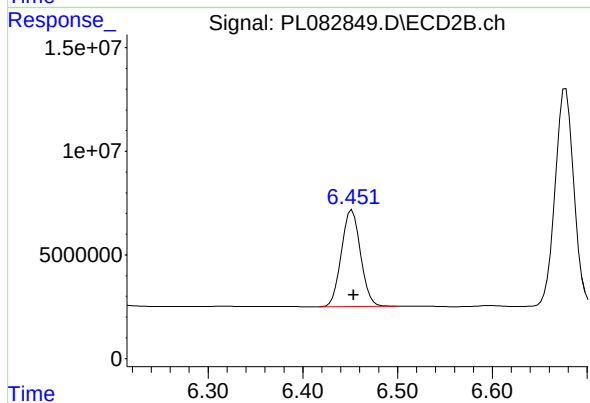
#19 Endosulfan Sulfate

R.T.: 6.173 min
Delta R.T.: -0.001 min
Response: 129349525
Conc: 52.82 ng/ml



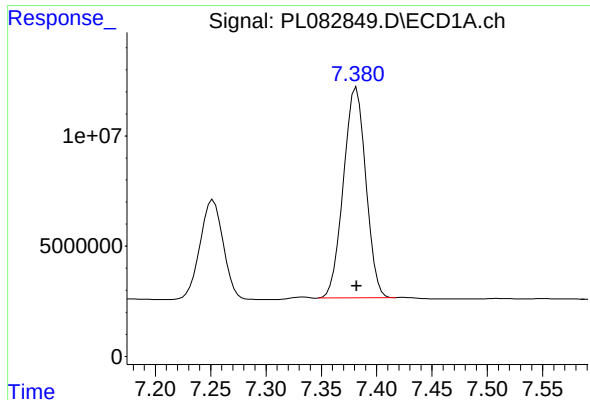
#20 Methoxychlor

R.T.: 7.252 min
Delta R.T.: 0.000 min
Response: 66047738
Conc: 49.95 ng/ml



#20 Methoxychlor

R.T.: 6.452 min
Delta R.T.: -0.002 min
Response: 65586064
Conc: 51.57 ng/ml



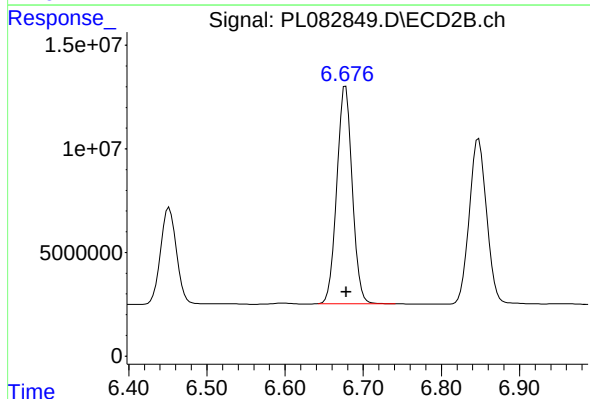
#21 Endrin ketone

R.T.: 7.382 min
Delta R.T.: 0.000 min
Response: 134854103
Conc: 52.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

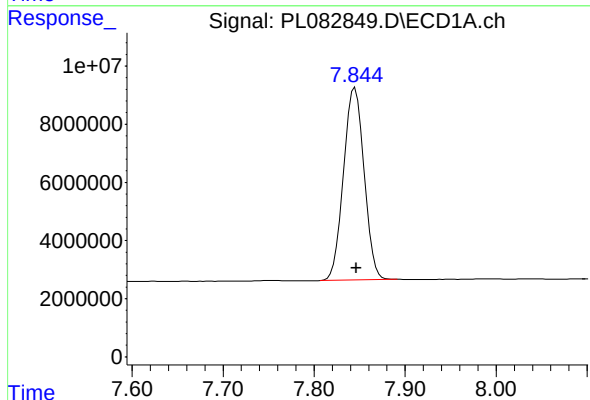
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APPROVED

Reviewed By :Abdul Mirza 05/22/2023
Supervised By :Ankita Jodhani 05/22/2023



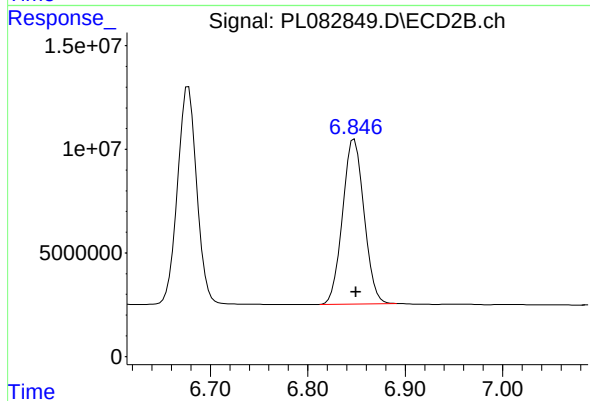
#21 Endrin ketone

R.T.: 6.677 min
Delta R.T.: 0.000 min
Response: 143949321
Conc: 53.24 ng/ml



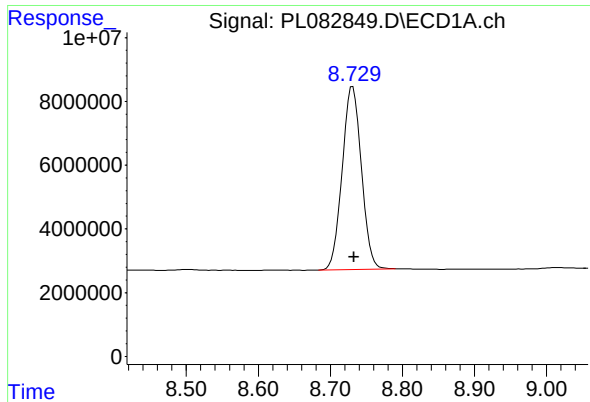
#22 Mirex

R.T.: 7.845 min
Delta R.T.: -0.001 min
Response: 104434236
Conc: 49.82 ng/ml



#22 Mirex

R.T.: 6.848 min
Delta R.T.: -0.002 min
Response: 121879519
Conc: 52.09 ng/ml



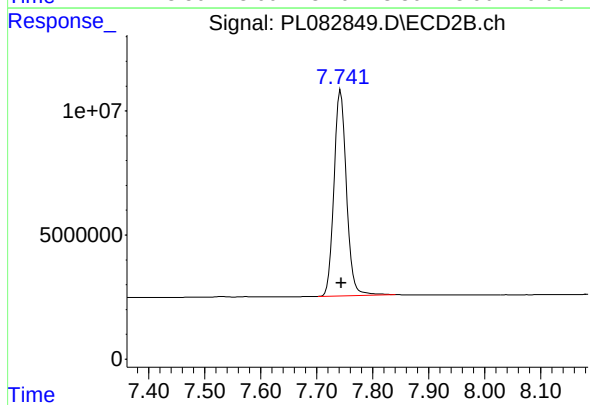
#28 Decachlorobiphenyl

R.T.: 8.731 min
Delta R.T.: -0.002 min
Response: 105879240
Conc: 50.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.743 min
Delta R.T.: 0.000 min
Response: 128582304
Conc: 51.71 ng/ml