

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050223\
 Data File : PL082428.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 May 2023 08:55
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/04/2023
 Supervised By : Ankita Jodhani 05/04/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 03 01:45:08 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 03:12:31 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...	3.326	2.647	131.2E6	107.6E6	49.129	46.427
28)	SA Decachlor...	8.751	7.762	93026545	103.3E6	48.729	45.254
Target Compounds							
2)	A alpha-BHC	3.776	3.145	203.2E6	159.6E6	51.044	46.892
3)	MA gamma-BHC...	4.104	3.471	187.9E6	148.7E6	50.266	46.256m
4)	MA Heptachlor	4.683	3.804	179.2E6	158.9E6	49.030	46.417
5)	MB Aldrin	5.020	4.081	165.2E6	151.9E6	50.111	48.217
6)	B beta-BHC	4.307	3.772	80224410	64598328	47.039	47.346
7)	B delta-BHC	4.549	3.999	182.9E6	145.9E6	50.827	47.578
8)	B Heptachlo...	5.446	4.583	163.0E6	132.3E6	53.448	45.909
9)	A Endosulfan I	5.828	4.950	133.8E6	123.0E6	48.250	46.076
10)	B gamma-Chl...	5.702	4.832	176.6E6	148.9E6	58.734	51.311
11)	B alpha-Chl...	5.780	4.895	144.2E6	139.5E6	48.323	48.059
12)	B 4,4'-DDE	5.958	5.084	136.2E6	110.5E6	53.586	48.078m
13)	MA Dieldrin	6.103	5.214	135.1E6	139.5E6	48.953	51.644m
14)	MA Endrin	6.331	5.488	126.6E6	111.1E6	52.221	45.423m
15)	B Endosulfa...	6.552	5.785	107.3E6	112.7E6	44.071	49.985m
16)	A 4,4'-DDD	6.474	5.641	112.7E6	91858942	55.596	49.112
17)	MA 4,4'-DDT	6.785	5.889	121.7E6	110.4E6	53.216	52.261
18)	B Endrin al...	6.683	5.967	93908172	86480038	49.841	46.212
19)	B Endosulfa...	6.917	6.190	117.5E6	113.0E6	49.546	47.980
20)	A Methoxychlor	7.266	6.468	55158684	55755915	45.200	46.009m
21)	B Endrin ke...	7.397	6.695	121.4E6	122.1E6	50.685	48.113
22)	Mirex	7.861	6.867	92914516	102.4E6	47.494	44.447

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050223\
Data File : PL082428.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 May 2023 08:55
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

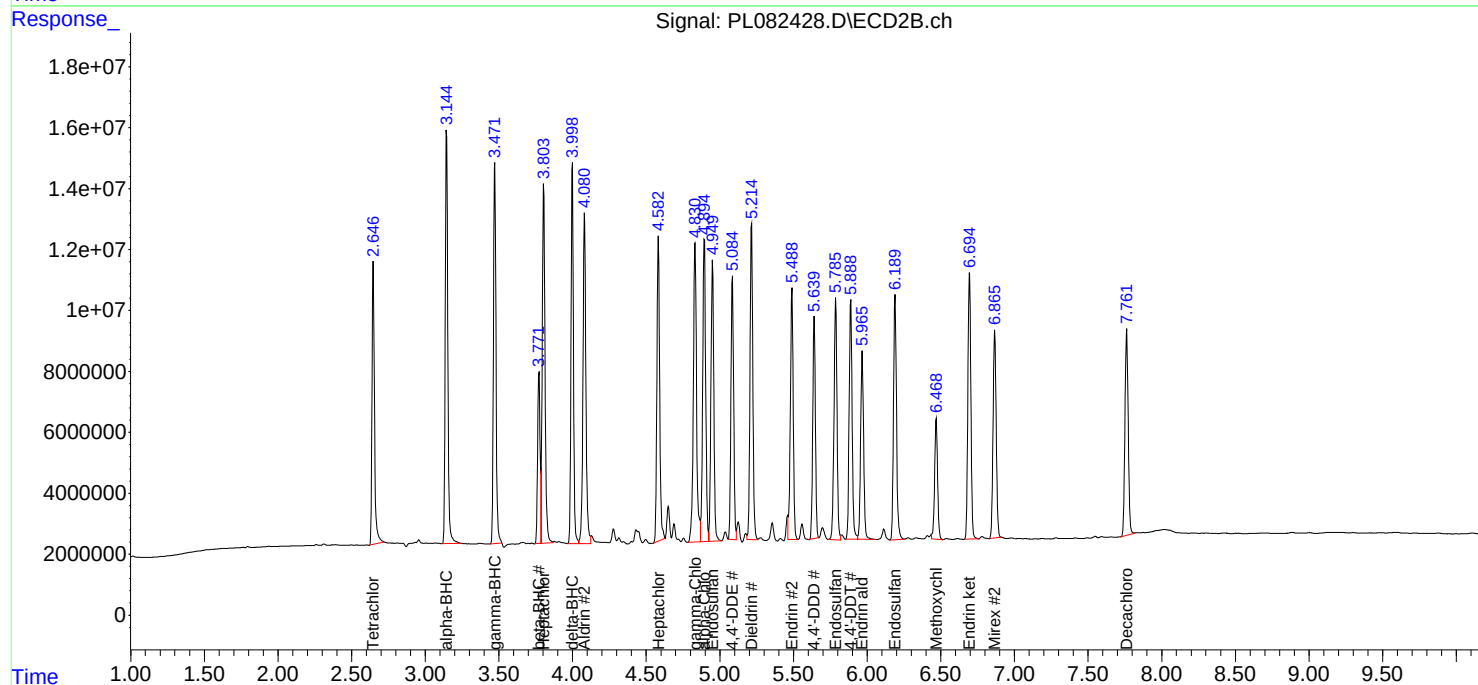
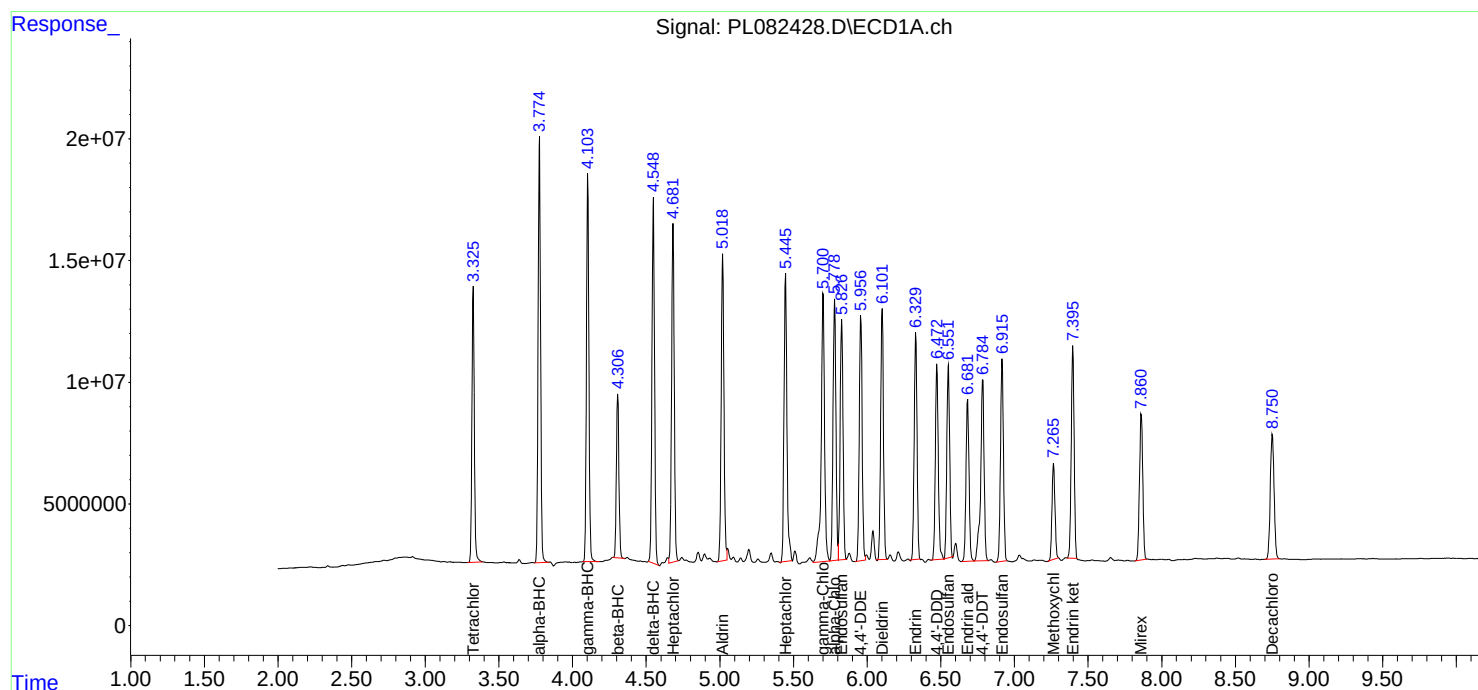
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

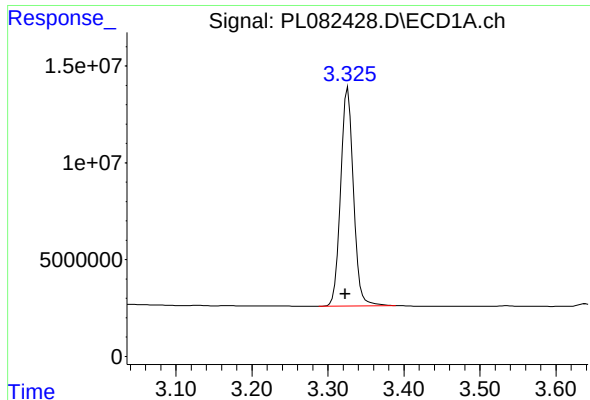
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/04/2023
Supervised By :Ankita Jodhani 05/04/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 03 01:45:08 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
Quant Title : GC Extractables
QLast Update : Fri Apr 21 03:12:31 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





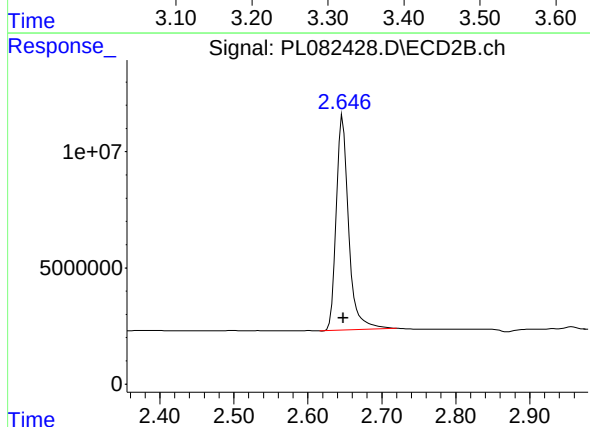
#1 Tetrachloro-m-xylene

R.T.: 3.326 min
Delta R.T.: 0.003 min
Response: 131235088
Conc: 49.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

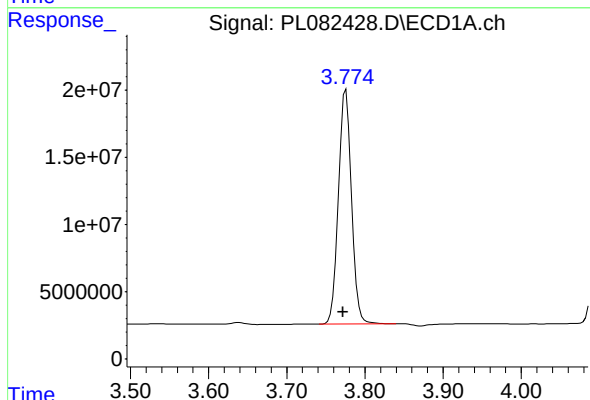
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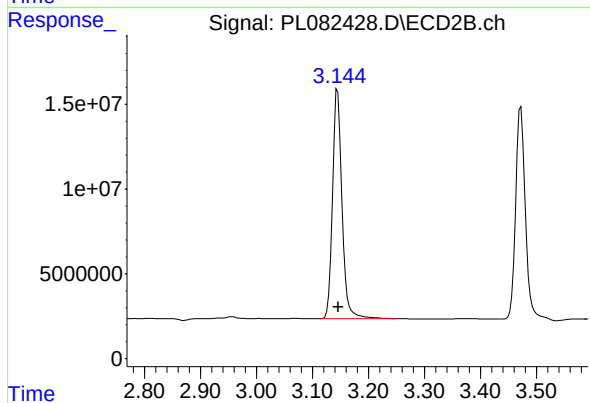
#1 Tetrachloro-m-xylene

R.T.: 2.647 min
Delta R.T.: -0.001 min
Response: 107557990
Conc: 46.43 ng/ml



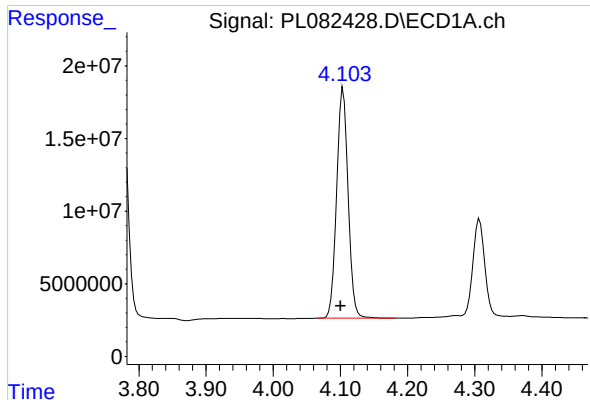
#2 alpha-BHC

R.T.: 3.776 min
Delta R.T.: 0.003 min
Response: 203168619
Conc: 51.04 ng/ml



#2 alpha-BHC

R.T.: 3.145 min
Delta R.T.: -0.001 min
Response: 159595983
Conc: 46.89 ng/ml



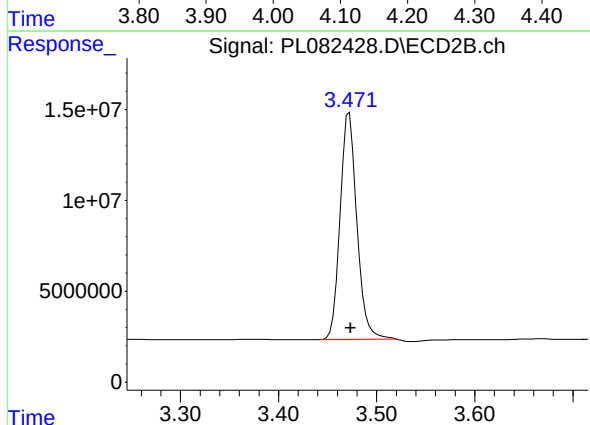
#3 gamma-BHC (Lindane)

R.T.: 4.104 min
Delta R.T.: 0.004 min
Response: 187939526
Conc: 50.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

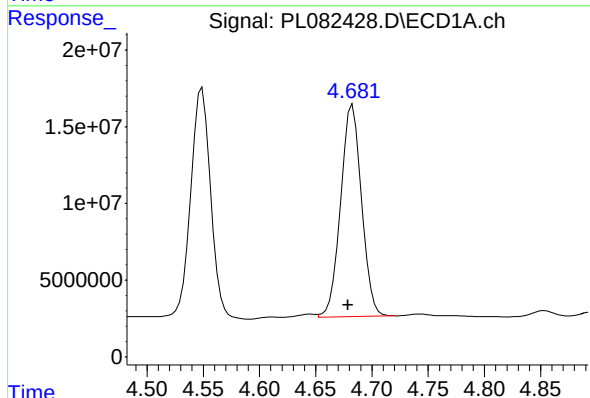
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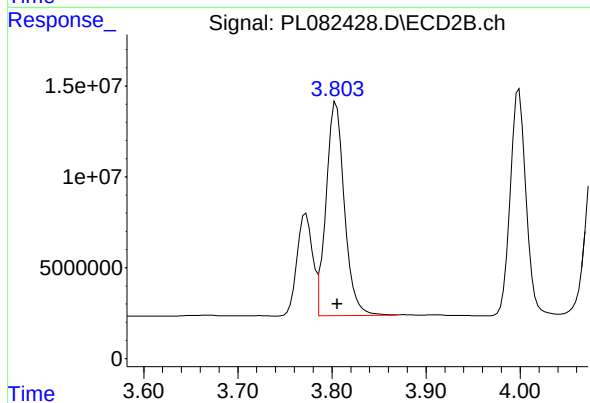
#3 gamma-BHC (Lindane)

R.T.: 3.471 min
Delta R.T.: -0.003 min
Response: 148725295
Conc: 46.26 ng/ml



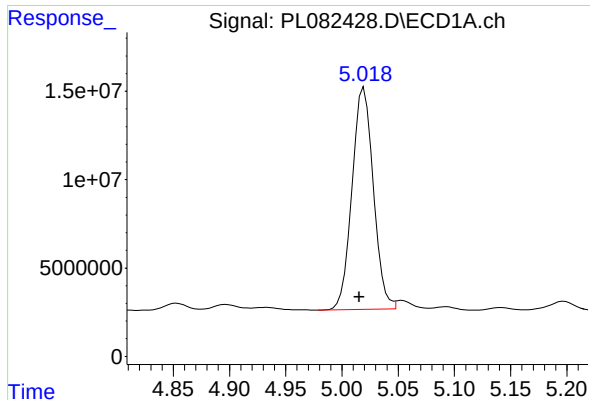
#4 Heptachlor

R.T.: 4.683 min
Delta R.T.: 0.004 min
Response: 179153477
Conc: 49.03 ng/ml



#4 Heptachlor

R.T.: 3.804 min
Delta R.T.: -0.001 min
Response: 158896798
Conc: 46.42 ng/ml



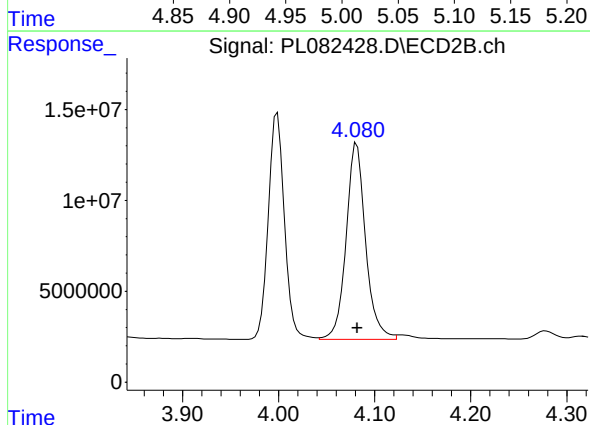
#5 Aldrin

R.T.: 5.020 min
Delta R.T.: 0.004 min
Response: 165244652
Conc: 50.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

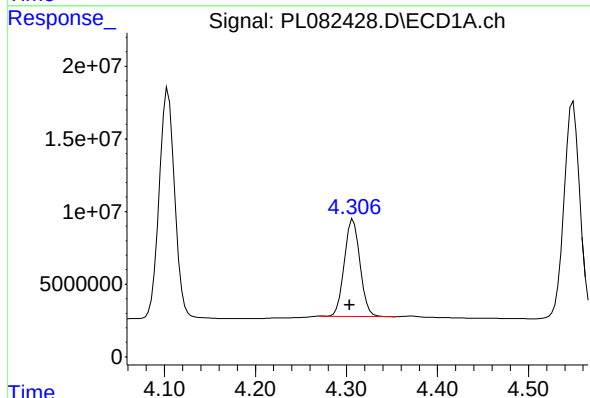
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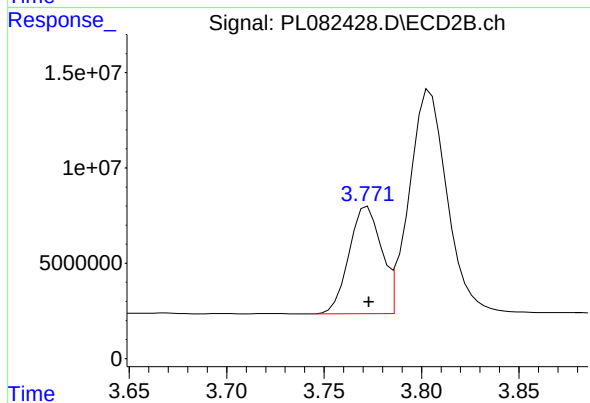
#5 Aldrin

R.T.: 4.081 min
Delta R.T.: -0.001 min
Response: 151876027
Conc: 48.22 ng/ml



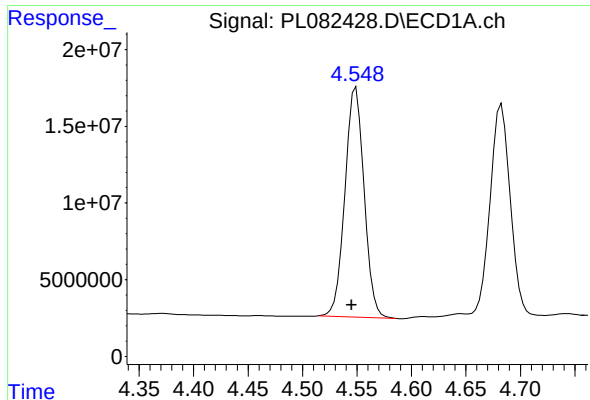
#6 beta-BHC

R.T.: 4.307 min
Delta R.T.: 0.004 min
Response: 80224410
Conc: 47.04 ng/ml



#6 beta-BHC

R.T.: 3.772 min
Delta R.T.: 0.000 min
Response: 64598328
Conc: 47.35 ng/ml



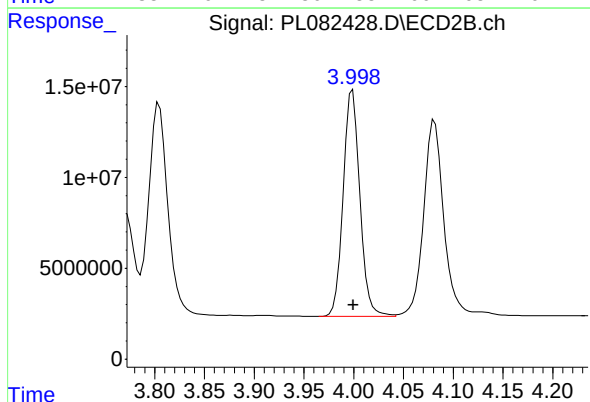
#7 delta-BHC

R.T.: 4.549 min
Delta R.T.: 0.004 min
Response: 182864238
Conc: 50.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

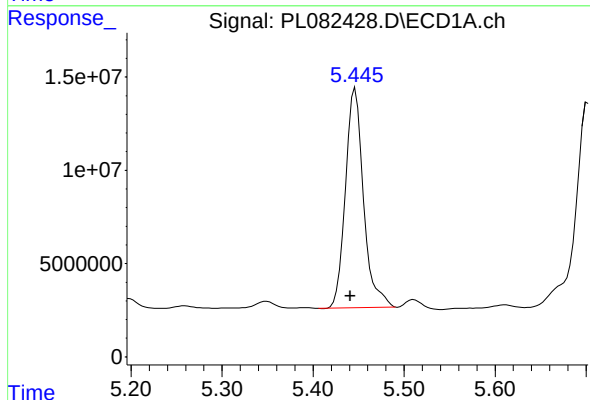
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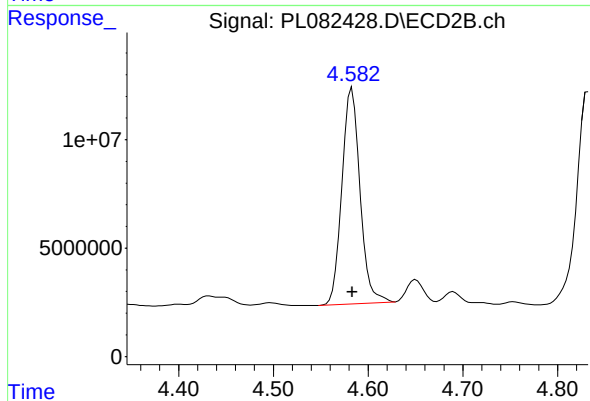
#7 delta-BHC

R.T.: 3.999 min
Delta R.T.: 0.000 min
Response: 145939780
Conc: 47.58 ng/ml



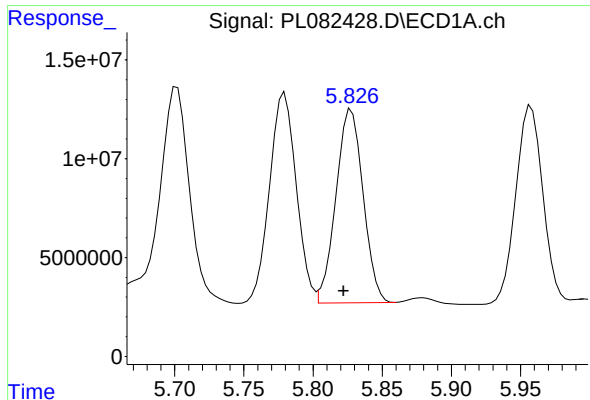
#8 Heptachlor epoxide

R.T.: 5.446 min
Delta R.T.: 0.005 min
Response: 163035524
Conc: 53.45 ng/ml



#8 Heptachlor epoxide

R.T.: 4.583 min
Delta R.T.: 0.000 min
Response: 132258288
Conc: 45.91 ng/ml



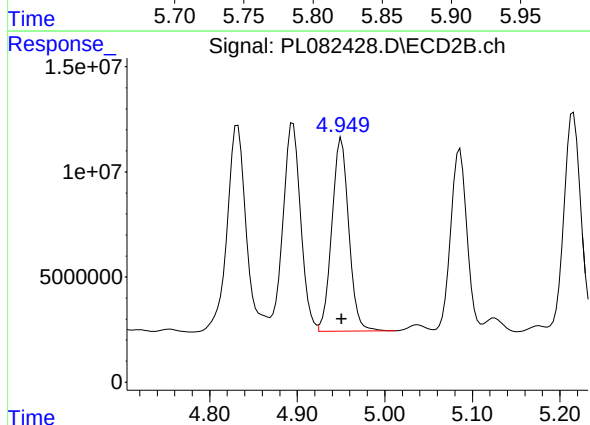
#9 Endosulfan I

R.T.: 5.828 min
Delta R.T.: 0.006 min
Response: 133782774
Conc: 48.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

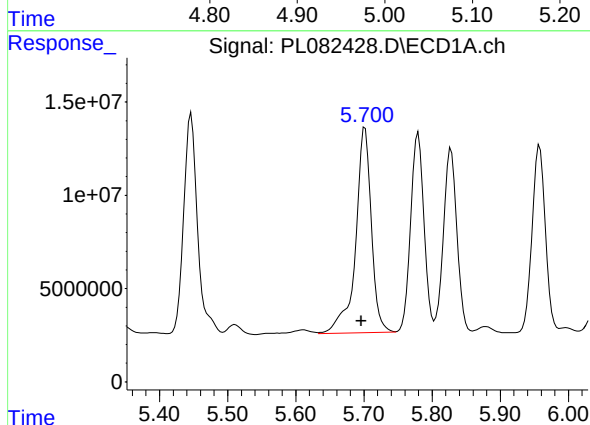
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Supervised By :Ankita Jodhani 05/04/2023



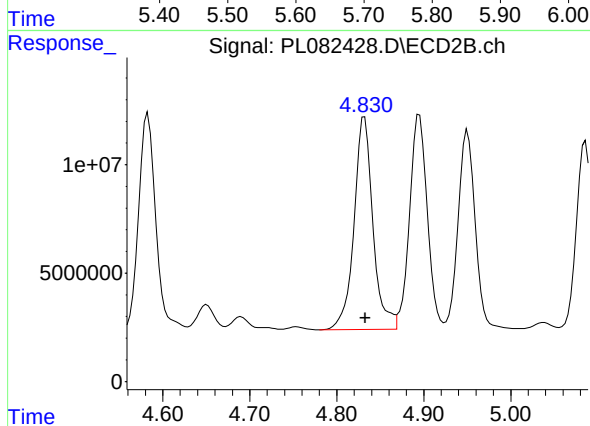
#9 Endosulfan I

R.T.: 4.950 min
Delta R.T.: 0.000 min
Response: 122998296
Conc: 46.08 ng/ml



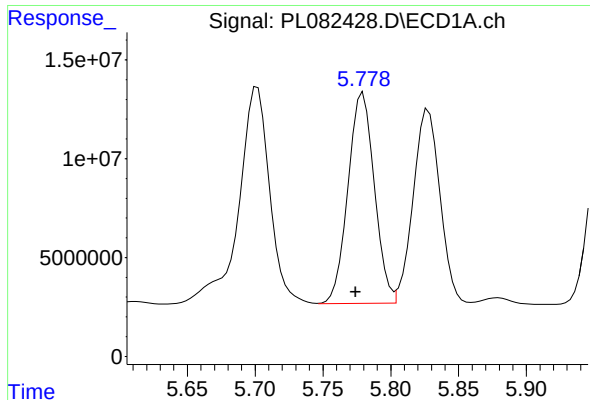
#10 gamma-Chlordane

R.T.: 5.702 min
Delta R.T.: 0.006 min
Response: 176605561
Conc: 58.73 ng/ml



#10 gamma-Chlordane

R.T.: 4.832 min
Delta R.T.: 0.000 min
Response: 148895598
Conc: 51.31 ng/ml



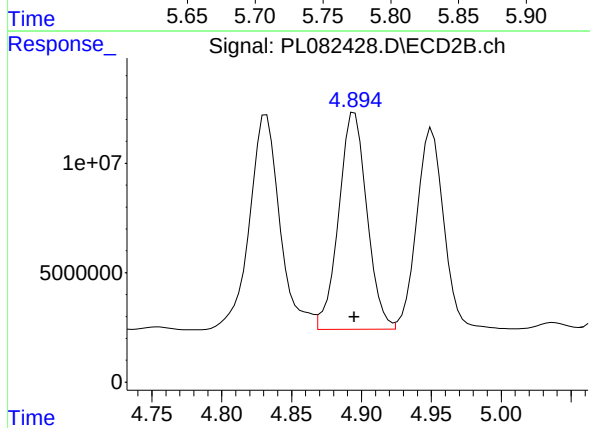
#11 alpha-Chlordane

R.T.: 5.780 min
Delta R.T.: 0.005 min
Response: 144226590
Conc: 48.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

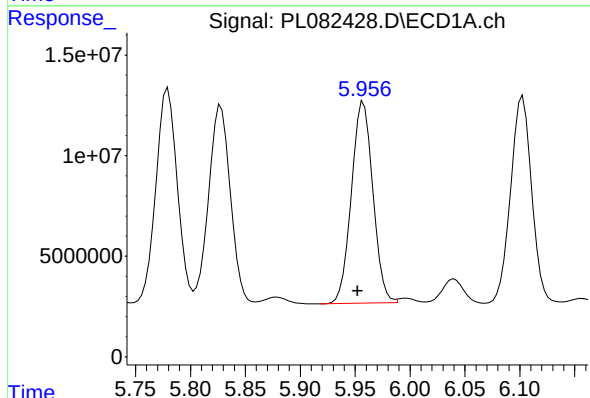
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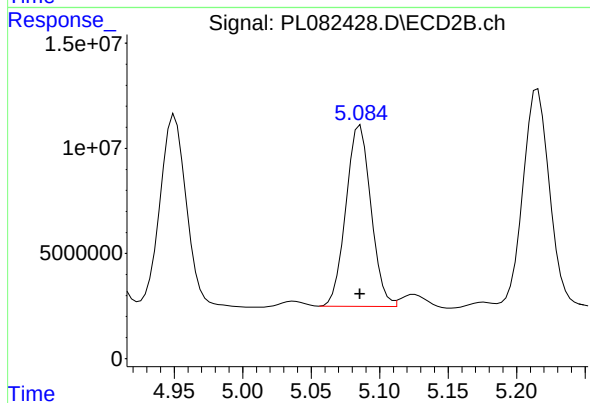
#11 alpha-Chlordane

R.T.: 4.895 min
Delta R.T.: 0.000 min
Response: 139506353
Conc: 48.06 ng/ml



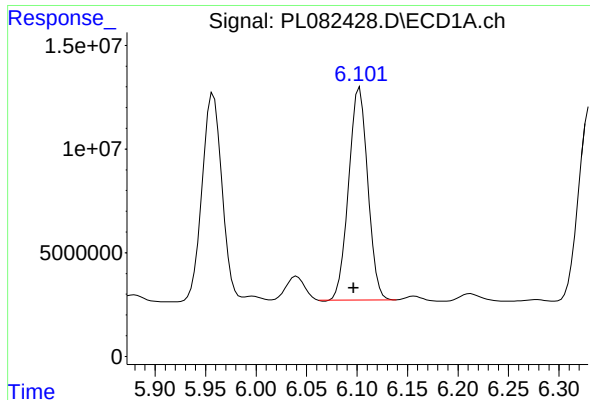
#12 4,4'-DDE

R.T.: 5.958 min
Delta R.T.: 0.005 min
Response: 136216408
Conc: 53.59 ng/ml



#12 4,4'-DDE

R.T.: 5.084 min
Delta R.T.: -0.001 min
Response: 110530164
Conc: 48.08 ng/ml m



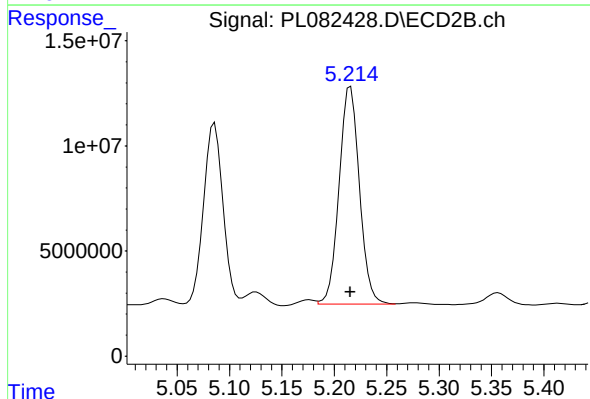
#13 Dieldrin

R.T.: 6.103 min
Delta R.T.: 0.006 min
Response: 135068128
Conc: 48.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

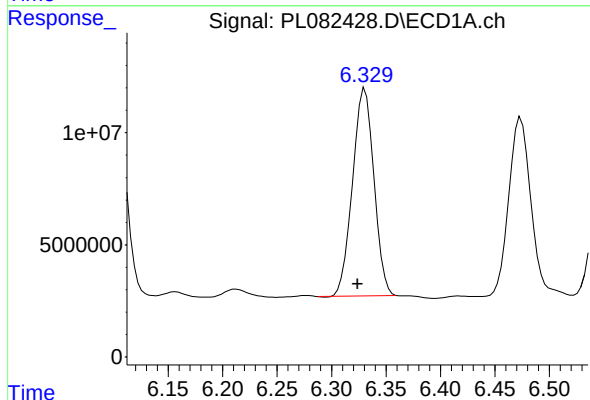
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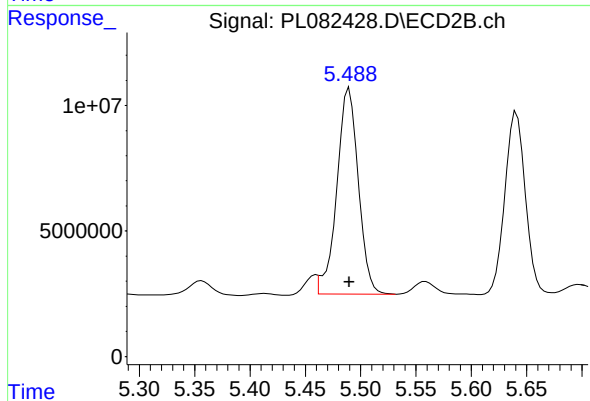
#13 Dieldrin

R.T.: 5.214 min
Delta R.T.: -0.001 min
Response: 139458738
Conc: 51.64 ng/ml m



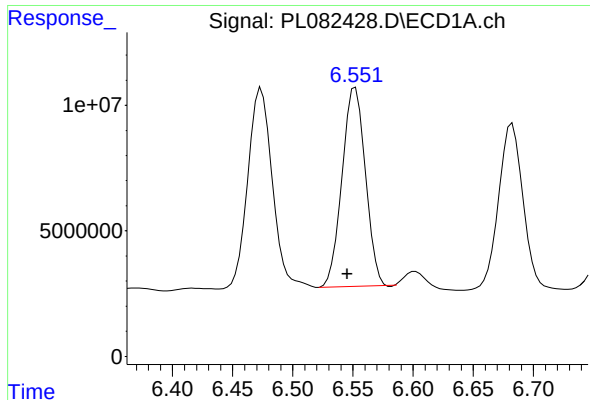
#14 Endrin

R.T.: 6.331 min
Delta R.T.: 0.007 min
Response: 126612181
Conc: 52.22 ng/ml



#14 Endrin

R.T.: 5.488 min
Delta R.T.: -0.001 min
Response: 111102695
Conc: 45.42 ng/ml m



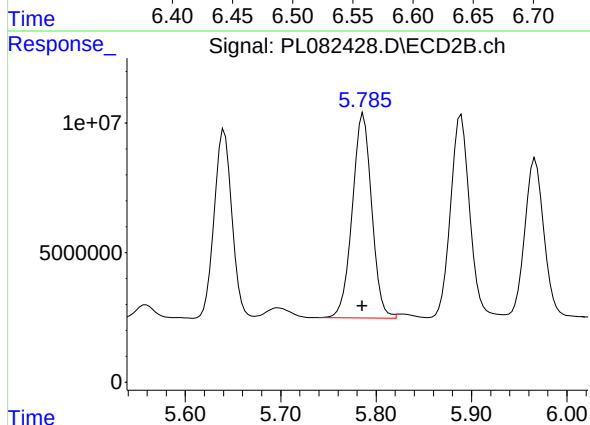
#15 Endosulfan II

R.T.: 6.552 min
Delta R.T.: 0.007 min
Response: 107293786
Conc: 44.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

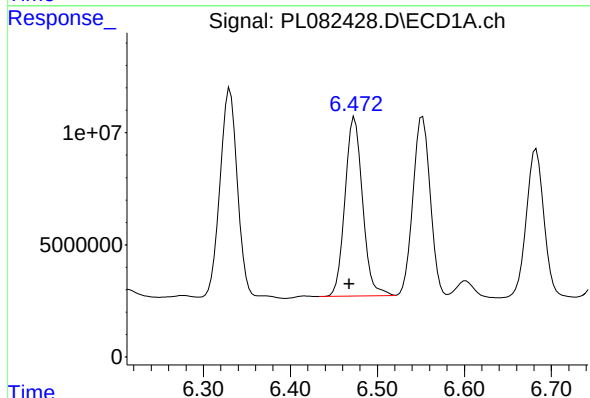
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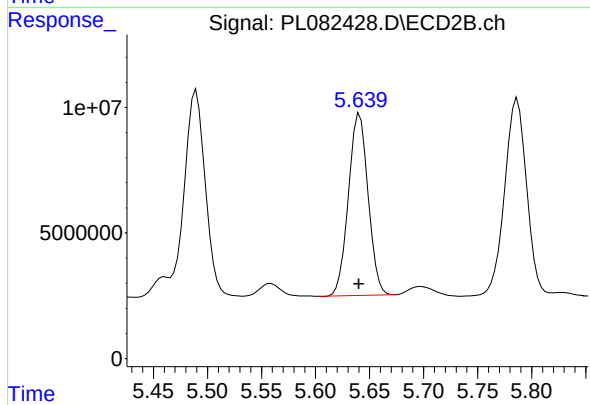
#15 Endosulfan II

R.T.: 5.785 min
Delta R.T.: 0.000 min
Response: 112672577
Conc: 49.99 ng/ml m



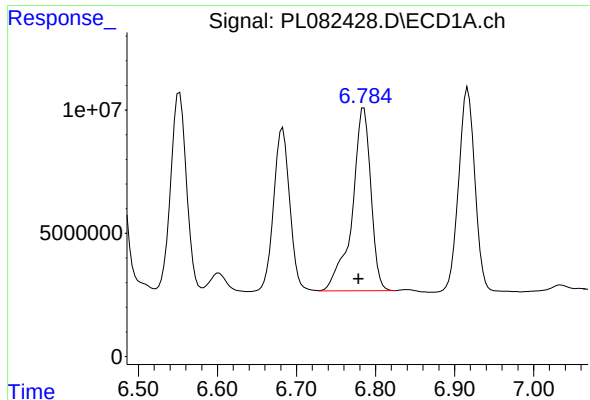
#16 4,4'-DDD

R.T.: 6.474 min
Delta R.T.: 0.006 min
Response: 112703483
Conc: 55.60 ng/ml



#16 4,4'-DDD

R.T.: 5.641 min
Delta R.T.: 0.000 min
Response: 91858942
Conc: 49.11 ng/ml



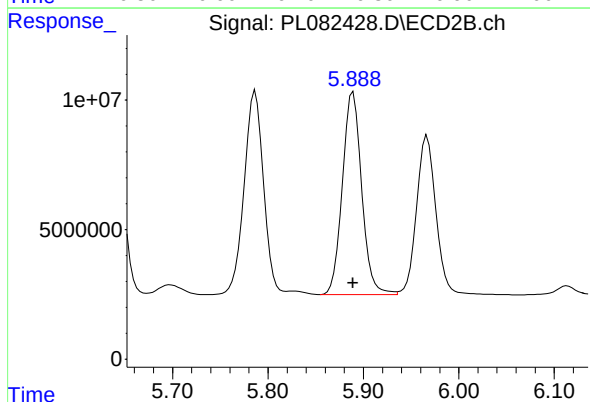
#17 4,4'-DDT

R.T.: 6.785 min
Delta R.T.: 0.006 min
Response: 121743572
Conc: 53.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

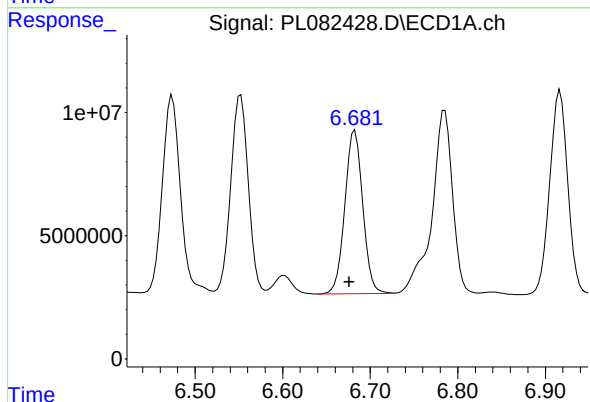
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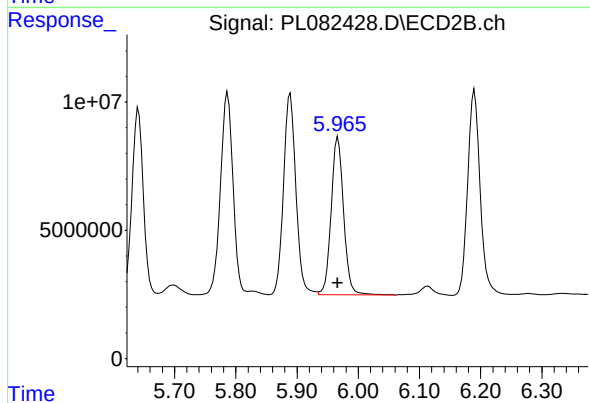
#17 4,4'-DDT

R.T.: 5.889 min
Delta R.T.: 0.000 min
Response: 110405784
Conc: 52.26 ng/ml



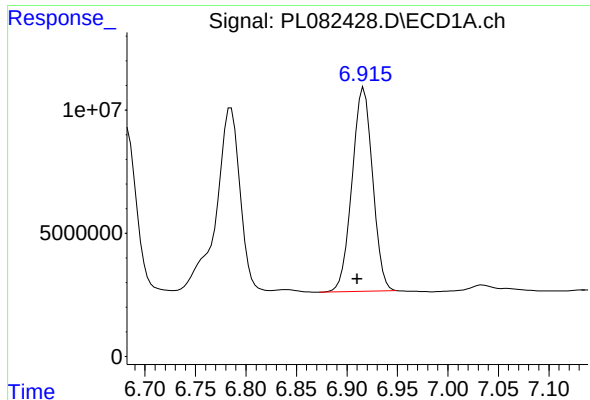
#18 Endrin aldehyde

R.T.: 6.683 min
Delta R.T.: 0.006 min
Response: 93908172
Conc: 49.84 ng/ml



#18 Endrin aldehyde

R.T.: 5.967 min
Delta R.T.: 0.000 min
Response: 86480038
Conc: 46.21 ng/ml



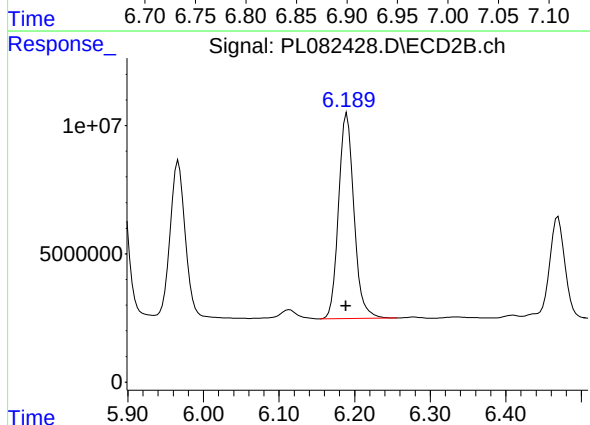
#19 Endosulfan Sulfate

R.T.: 6.917 min
Delta R.T.: 0.007 min
Response: 117500122
Conc: 49.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

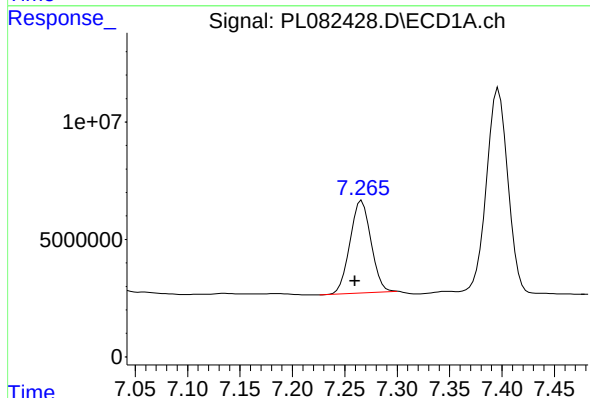
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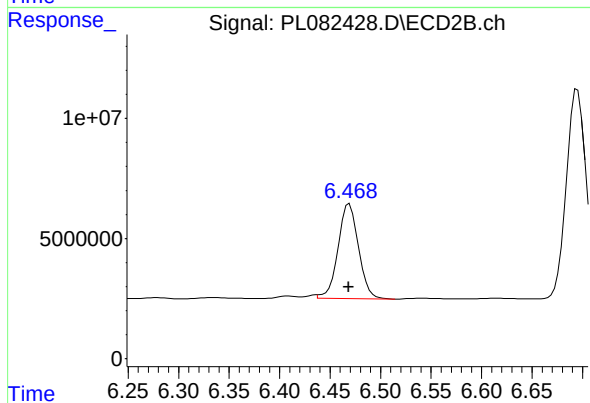
#19 Endosulfan Sulfate

R.T.: 6.190 min
Delta R.T.: 0.001 min
Response: 112958309
Conc: 47.98 ng/ml



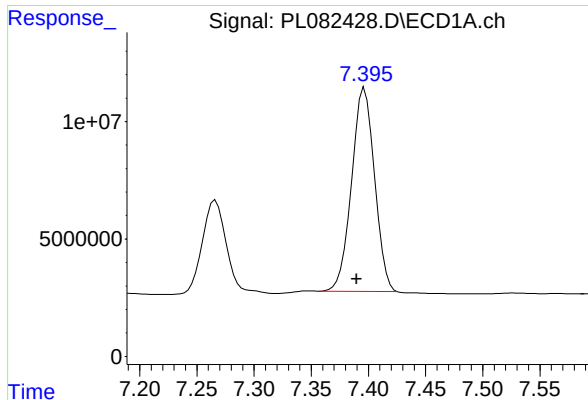
#20 Methoxychlor

R.T.: 7.266 min
Delta R.T.: 0.007 min
Response: 55158684
Conc: 45.20 ng/ml



#20 Methoxychlor

R.T.: 6.468 min
Delta R.T.: 0.000 min
Response: 55755915
Conc: 46.01 ng/ml m



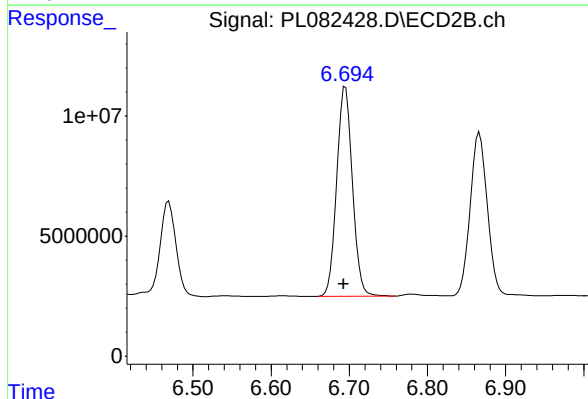
#21 Endrin ketone

R.T.: 7.397 min
Delta R.T.: 0.007 min
Response: 121360833
Conc: 50.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

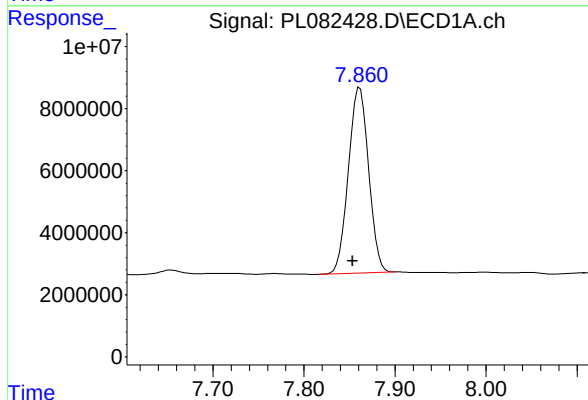
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Reviewed By :Abdul Mirza 05/04/2023
Supervised By :Ankita Jodhani 05/04/2023



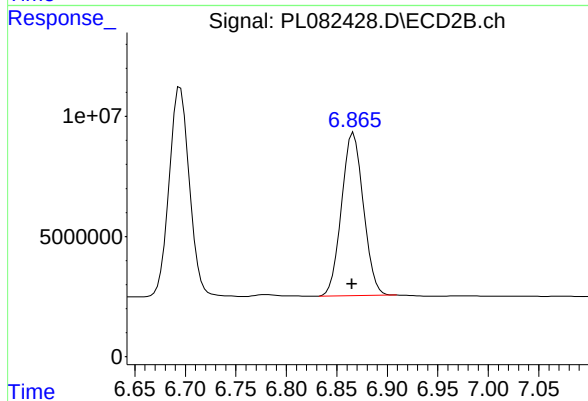
#21 Endrin ketone

R.T.: 6.695 min
Delta R.T.: 0.002 min
Response: 122120734
Conc: 48.11 ng/ml



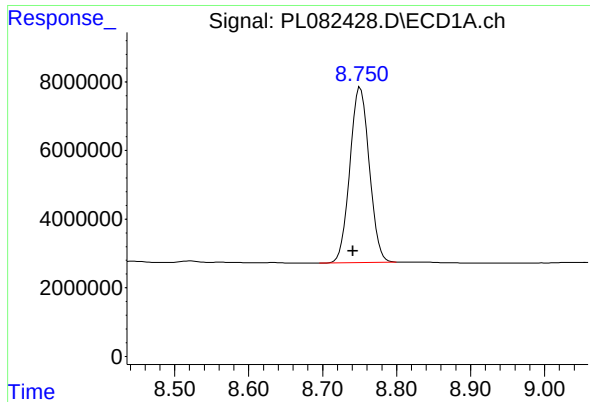
#22 Mirex

R.T.: 7.861 min
Delta R.T.: 0.008 min
Response: 92914516
Conc: 47.49 ng/ml



#22 Mirex

R.T.: 6.867 min
Delta R.T.: 0.002 min
Response: 102417087
Conc: 44.45 ng/ml



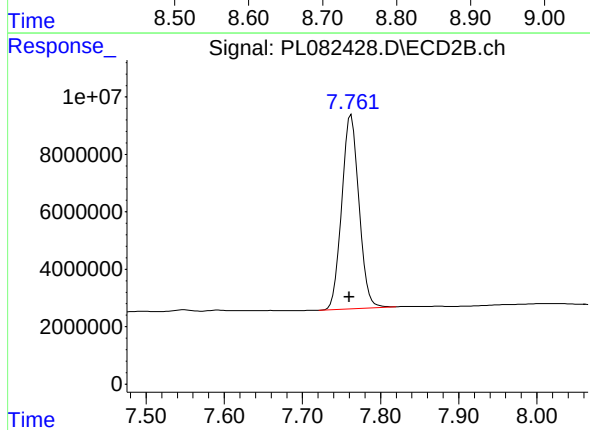
#28 Decachlorobiphenyl

R.T.: 8.751 min
Delta R.T.: 0.010 min
Response: 93026545
Conc: 48.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/04/2023
Supervised By :Ankita Jodhani 05/04/2023



#28 Decachlorobiphenyl

R.T.: 7.762 min
Delta R.T.: 0.002 min
Response: 103292029
Conc: 45.25 ng/ml