

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102023\
 Data File : PL086074.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Oct 2023 19:26
 Operator : AR\AJ
 Sample : 04974-01MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TP-4MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/23/2023
 Supervised By :Ankita Jodhani 10/23/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 20 22:40:28 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100323.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 04 05:29:39 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...	3.355	2.622	48956500	15796542	16.461	16.911
28)	SA Decachlor...	8.859	7.775	43719794	19732359	20.073	21.379
Target Compounds							
2)	A alpha-BHC	3.809	3.120	209.7E6	64451040	48.867	51.228
3)	MA gamma-BHC...	4.139	3.446	212.3E6	63689639	51.368m	51.640m
4)	MA Heptachlor	4.727	3.784	201.3E6	64676685	52.036m	55.609
5)	MB Aldrin	5.069	4.060	221.6E6	65081711	57.171	58.199
6)	B beta-BHC	4.344	3.749	88007790	28464078	53.221	54.677
7)	B delta-BHC	4.587	3.975	204.3E6	63921026	53.277	55.633
8)	B Heptachlo...	5.499	4.564	182.2E6	56767963	52.813	56.519m
9)	A Endosulfan I	5.883	4.934	168.1E6	53585748	51.990	49.952
10)	B gamma-Chl...	5.756	4.817	196.0E6	61790657	57.297	62.391
11)	B alpha-Chl...	5.835	4.881	182.1E6	60788603	53.276	55.732
12)	B 4,4'-DDE	6.019	5.080	162.8E6	53903520	58.213	65.645
13)	MA Dieldrin	6.159	5.200	178.2E6	62667594	54.228	64.591
14)	MA Endrin	6.388	5.473	164.6E6	56455376	57.752	62.798
15)	B Endosulfa...	6.611	5.770	150.6E6	55435539	54.653	58.295
16)	A 4,4'-DDD	6.538	5.637	133.6E6	45218987	66.298	64.966
17)	MA 4,4'-DDT	6.852	5.887	137.1E6	55730300	58.164m	70.477
18)	B Endrin al...	6.742	5.952	118.3E6	44974185	58.367	60.311
19)	B Endosulfa...	6.978	6.177	141.5E6	52644058	56.376	58.356
20)	A Methoxychlor	7.339	6.472	79969386	32173600	57.259	61.158
21)	B Endrin ke...	7.460	6.679	154.5E6	63603069	53.644	55.335
22)	Mirex	7.934	6.856	139.5E6	60372287	62.993	64.010

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102023\
Data File : PL086074.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Oct 2023 19:26
Operator : AR\AJ
Sample : 04974-01MS
Misc :
ALS Vial : 22 Sample Multiplier: 1

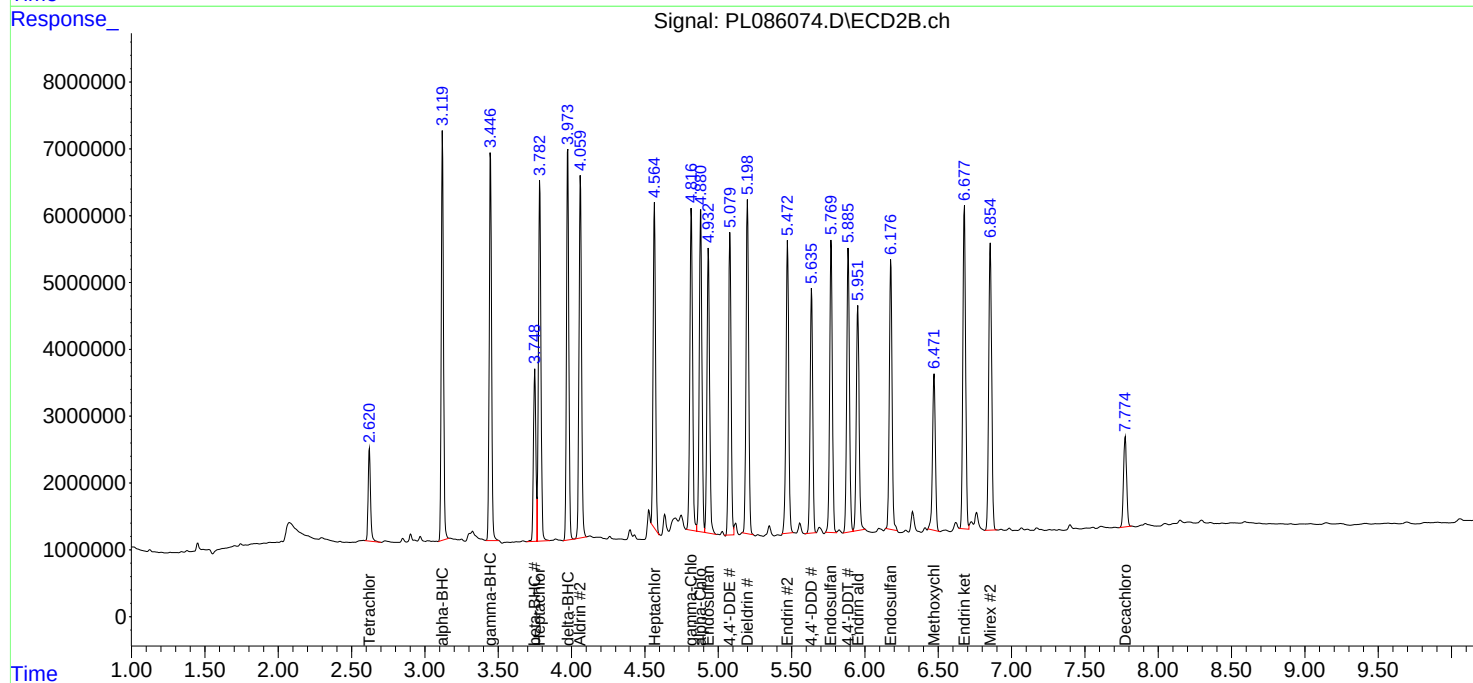
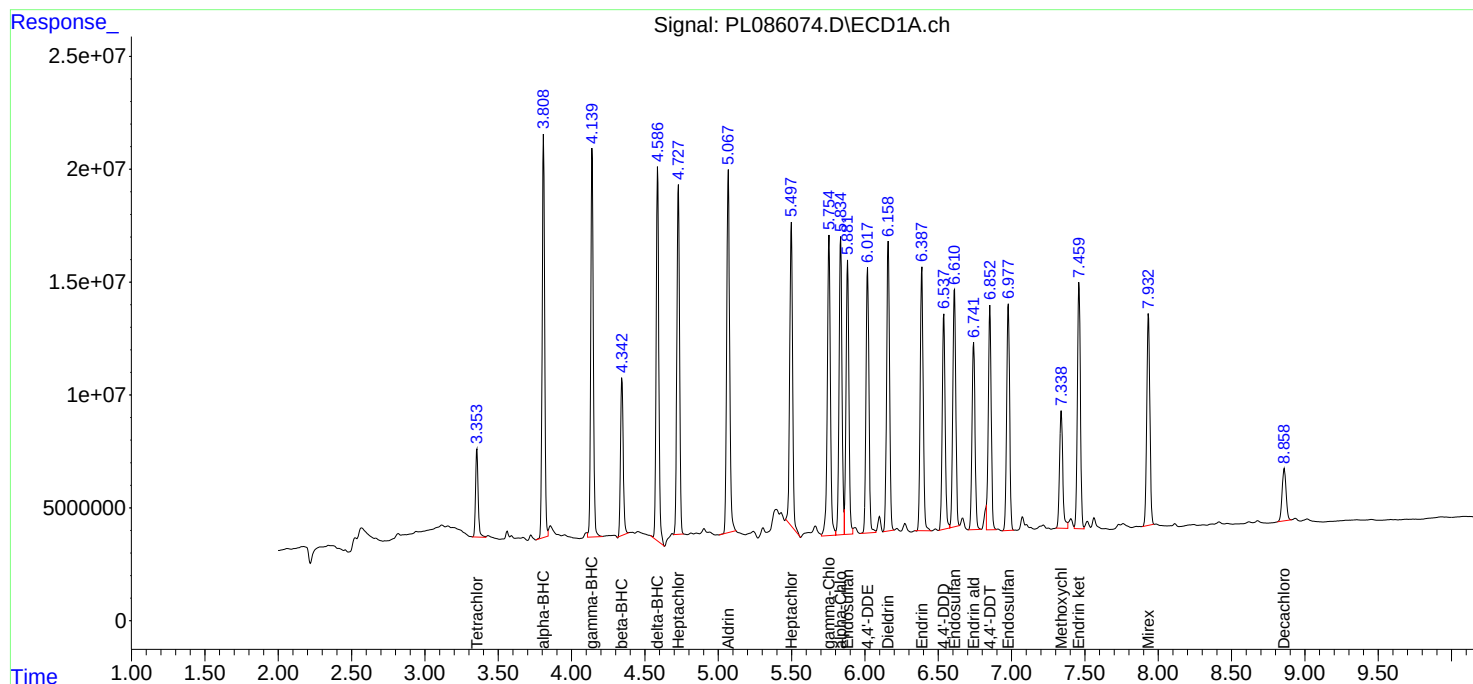
Instrument :
ECD_L
ClientSampleId :
TP-4MS

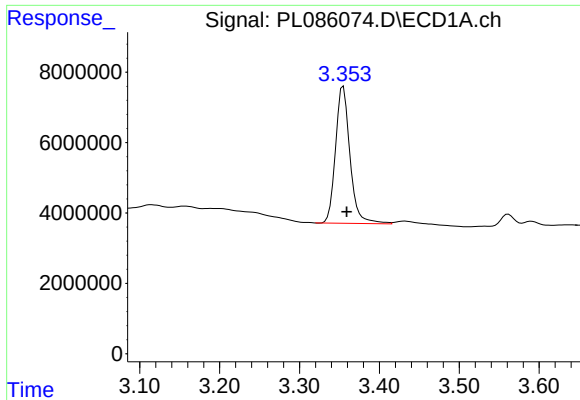
Manual Integrations
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Supervised By :Ankita Jodhani 10/23/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 20 22:40:28 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100323.M
Quant Title : GC Extractables
QLast Update : Wed Oct 04 05:29:39 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





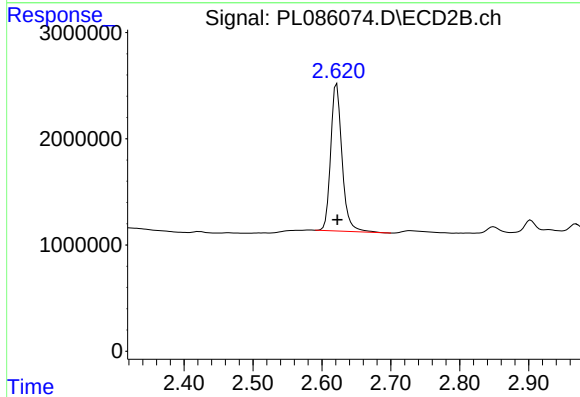
#1 Tetrachloro-m-xylene

R.T.: 3.355 min
Delta R.T.: -0.004 min
Response: 48956500
Conc: 16.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MS

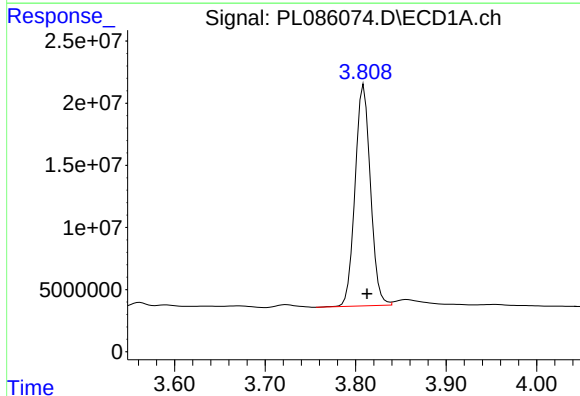
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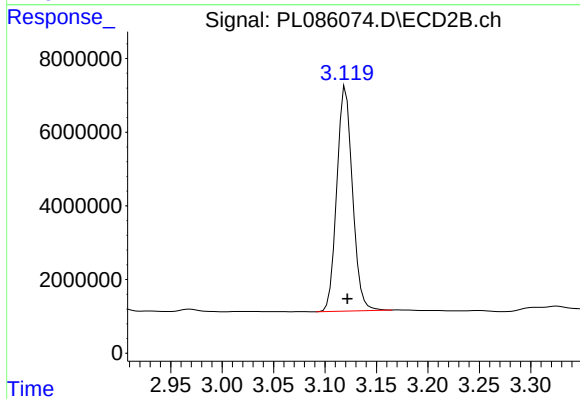
#1 Tetrachloro-m-xylene

R.T.: 2.622 min
Delta R.T.: -0.001 min
Response: 15796542
Conc: 16.91 ng/ml



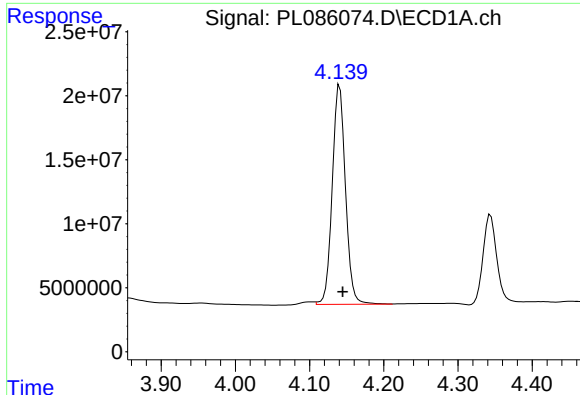
#2 alpha-BHC

R.T.: 3.809 min
Delta R.T.: -0.003 min
Response: 209733939
Conc: 48.87 ng/ml



#2 alpha-BHC

R.T.: 3.120 min
Delta R.T.: -0.002 min
Response: 64451040
Conc: 51.23 ng/ml



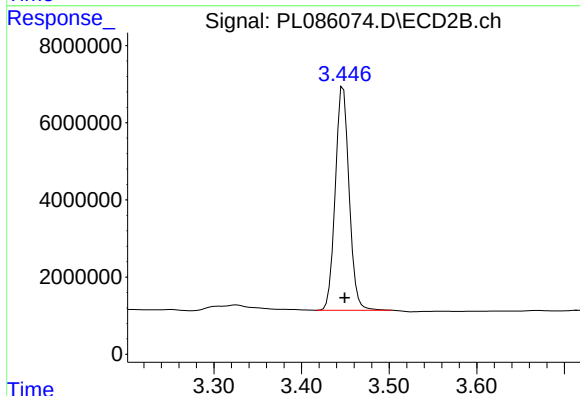
#3 gamma-BHC (Lindane)

R.T.: 4.139 min
Delta R.T.: -0.006 min
Response: 212319513
Conc: 51.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MS

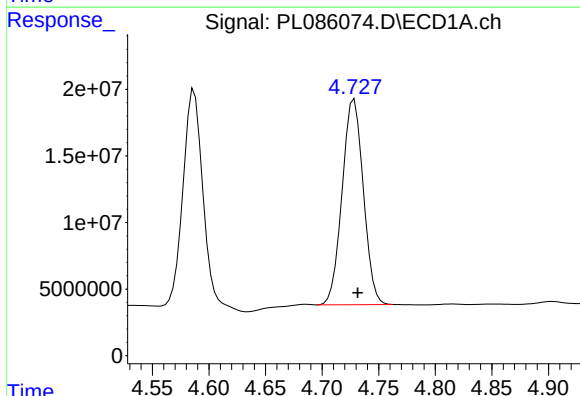
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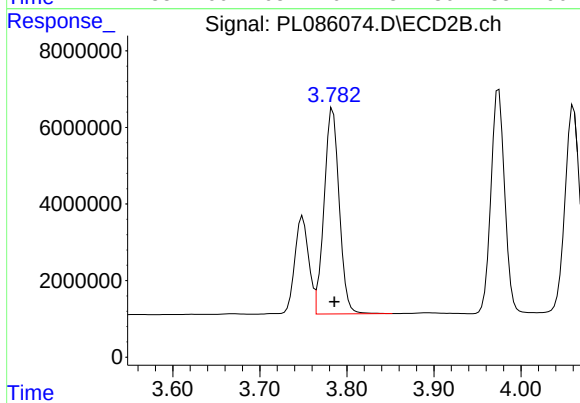
#3 gamma-BHC (Lindane)

R.T.: 3.446 min
Delta R.T.: -0.003 min
Response: 63689639
Conc: 51.64 ng/ml m



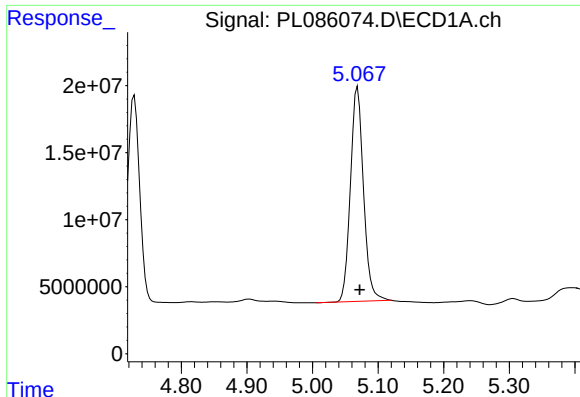
#4 Heptachlor

R.T.: 4.727 min
Delta R.T.: -0.004 min
Response: 201254815
Conc: 52.04 ng/ml m



#4 Heptachlor

R.T.: 3.784 min
Delta R.T.: -0.002 min
Response: 64676685
Conc: 55.61 ng/ml



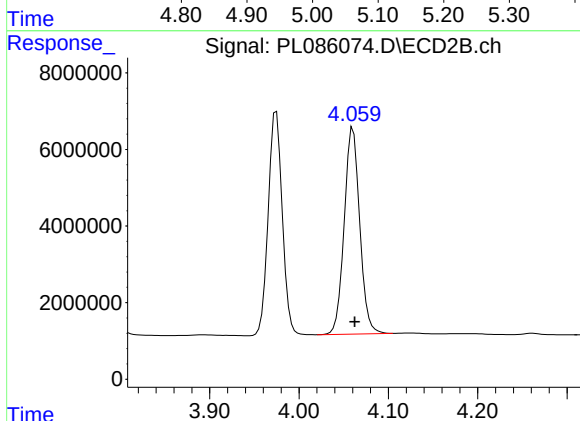
#5 Aldrin

R.T.: 5.069 min
Delta R.T.: -0.003 min
Response: 221612764
Conc: 57.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MS

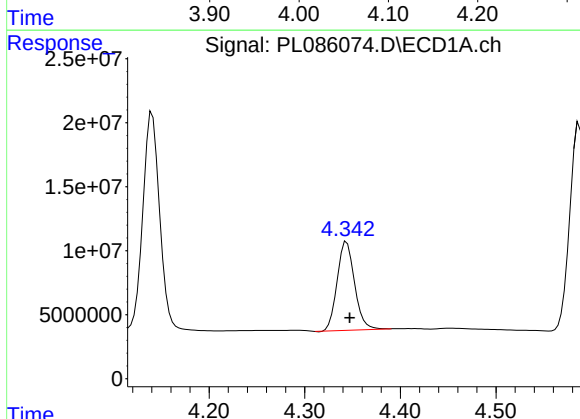
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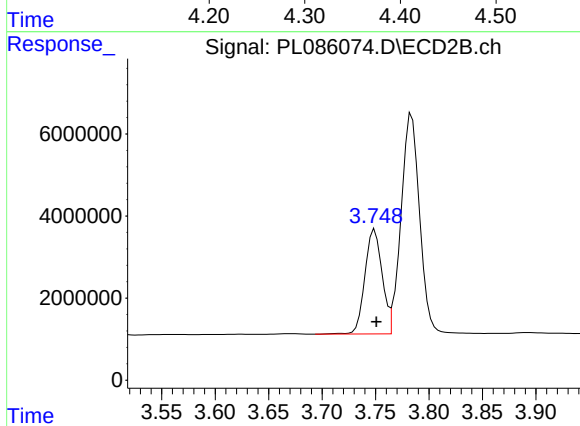
#5 Aldrin

R.T.: 4.060 min
Delta R.T.: -0.002 min
Response: 65081711
Conc: 58.20 ng/ml



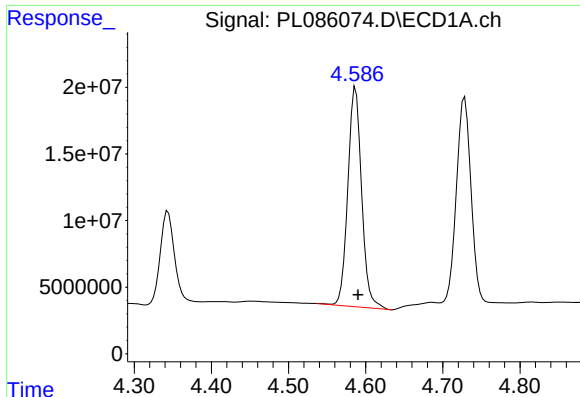
#6 beta-BHC

R.T.: 4.344 min
Delta R.T.: -0.003 min
Response: 88007790
Conc: 53.22 ng/ml



#6 beta-BHC

R.T.: 3.749 min
Delta R.T.: -0.001 min
Response: 28464078
Conc: 54.68 ng/ml



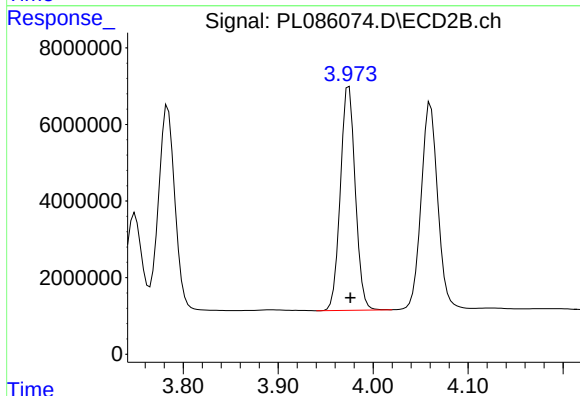
#7 delta-BHC

R.T.: 4.587 min
Delta R.T.: -0.003 min
Response: 204283732
Conc: 53.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MS

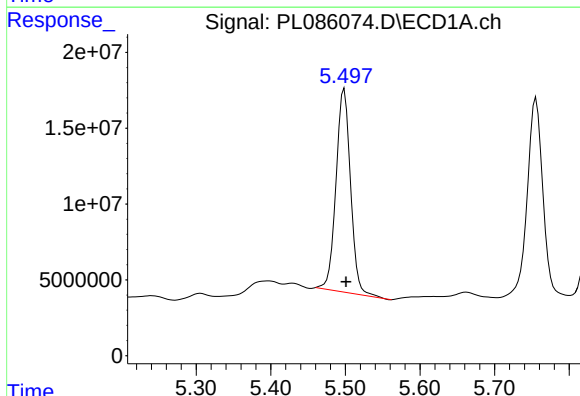
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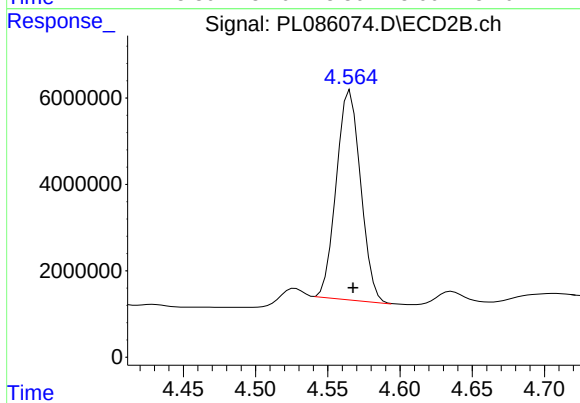
#7 delta-BHC

R.T.: 3.975 min
Delta R.T.: -0.001 min
Response: 63921026
Conc: 55.63 ng/ml



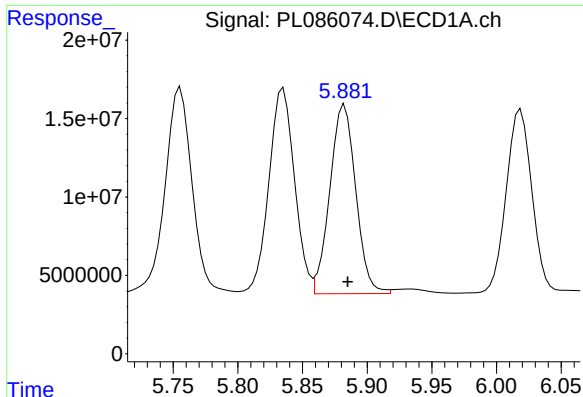
#8 Heptachlor epoxide

R.T.: 5.499 min
Delta R.T.: -0.002 min
Response: 182196849
Conc: 52.81 ng/ml



#8 Heptachlor epoxide

R.T.: 4.564 min
Delta R.T.: -0.003 min
Response: 56767963
Conc: 56.52 ng/ml m



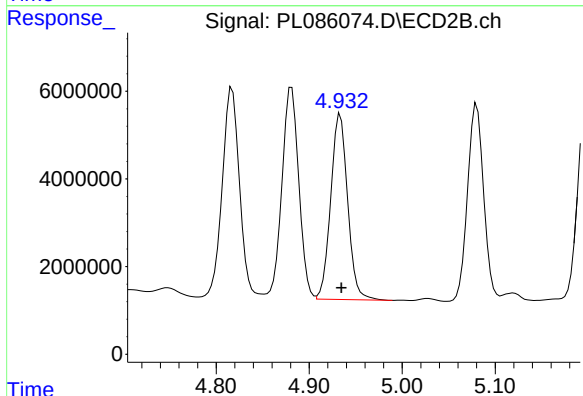
#9 Endosulfan I

R.T.: 5.883 min
Delta R.T.: -0.002 min
Response: 168135298
Conc: 51.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MS

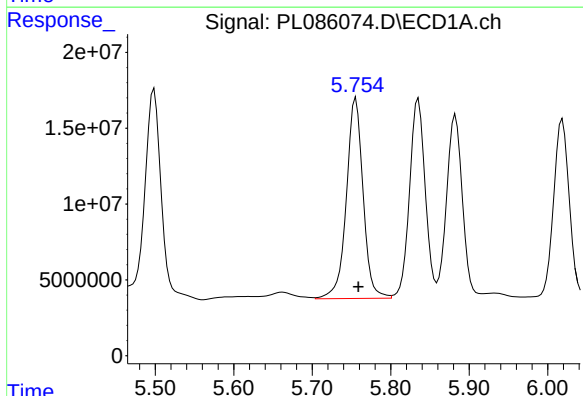
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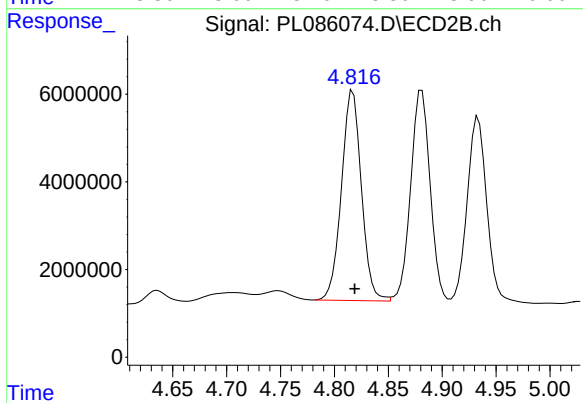
#9 Endosulfan I

R.T.: 4.934 min
Delta R.T.: -0.001 min
Response: 53585748
Conc: 49.95 ng/ml



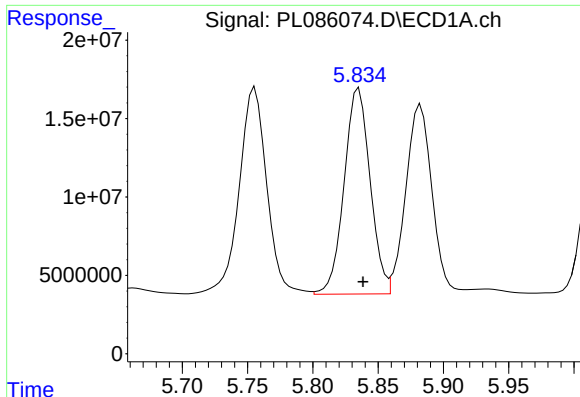
#10 gamma-Chlordane

R.T.: 5.756 min
Delta R.T.: -0.003 min
Response: 196038143
Conc: 57.30 ng/ml



#10 gamma-Chlordane

R.T.: 4.817 min
Delta R.T.: -0.002 min
Response: 61790657
Conc: 62.39 ng/ml



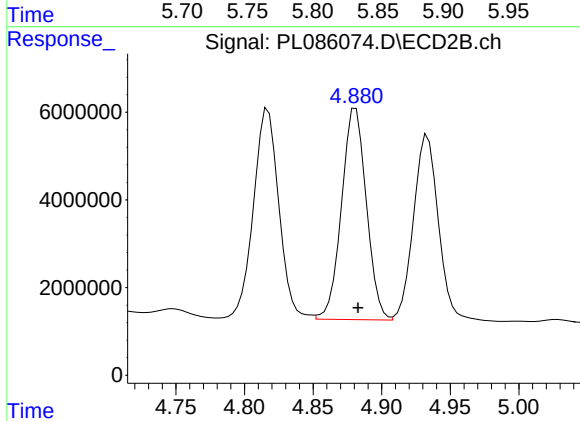
#11 alpha-Chlordane

R.T.: 5.835 min
Delta R.T.: -0.003 min
Response: 182080594
Conc: 53.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MS

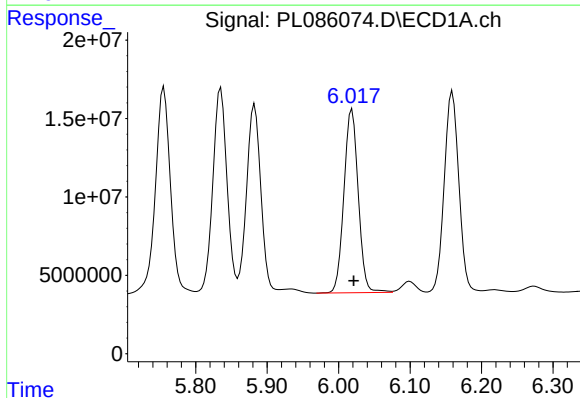
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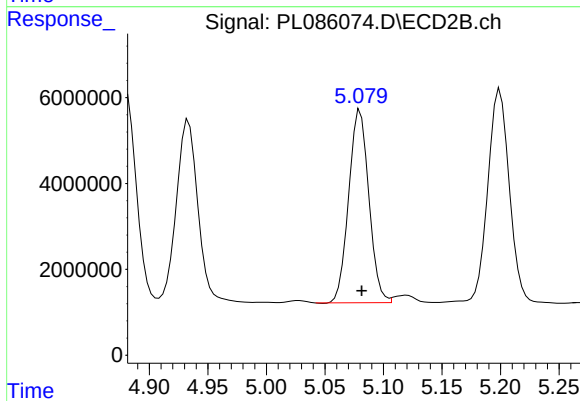
#11 alpha-Chlordane

R.T.: 4.881 min
Delta R.T.: -0.002 min
Response: 60788603
Conc: 55.73 ng/ml



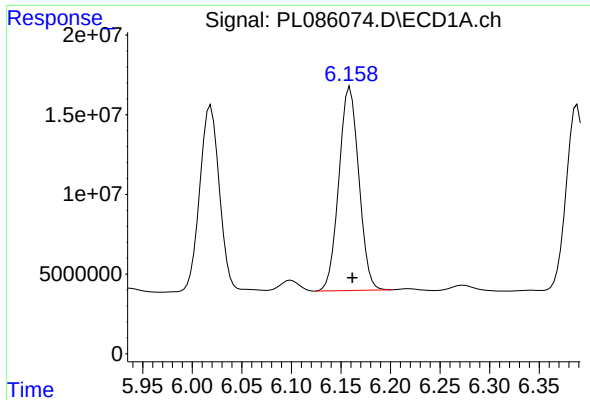
#12 4,4'-DDE

R.T.: 6.019 min
Delta R.T.: -0.002 min
Response: 162796209
Conc: 58.21 ng/ml



#12 4,4'-DDE

R.T.: 5.080 min
Delta R.T.: -0.001 min
Response: 53903520
Conc: 65.65 ng/ml



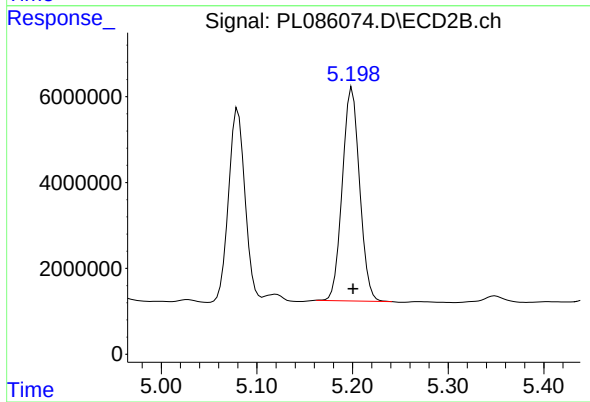
#13 Dieldrin

R.T.: 6.159 min
Delta R.T.: -0.002 min
Response: 178192467
Conc: 54.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MS

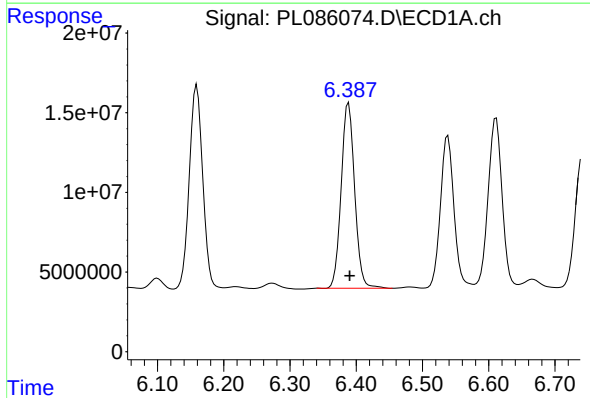
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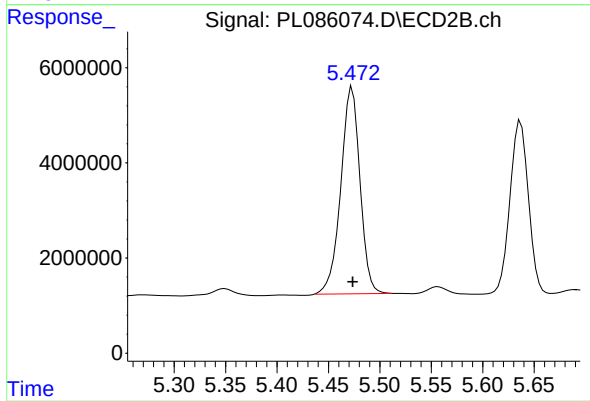
#13 Dieldrin

R.T.: 5.200 min
Delta R.T.: 0.000 min
Response: 62667594
Conc: 64.59 ng/ml



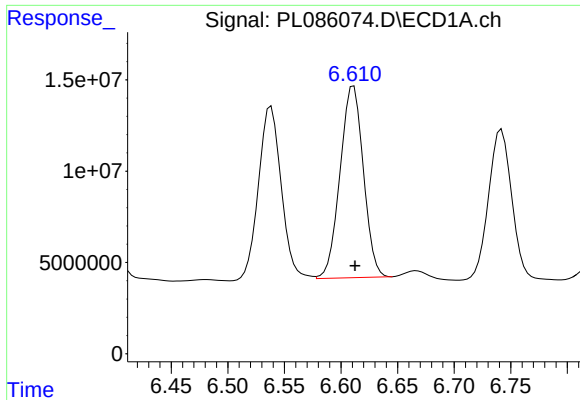
#14 Endrin

R.T.: 6.388 min
Delta R.T.: -0.002 min
Response: 164578649
Conc: 57.75 ng/ml



#14 Endrin

R.T.: 5.473 min
Delta R.T.: 0.000 min
Response: 56455376
Conc: 62.80 ng/ml



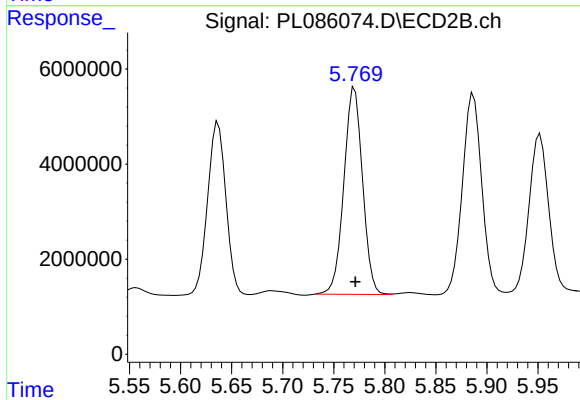
#15 Endosulfan II

R.T.: 6.611 min
Delta R.T.: -0.001 min
Response: 150597792
Conc: 54.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MS

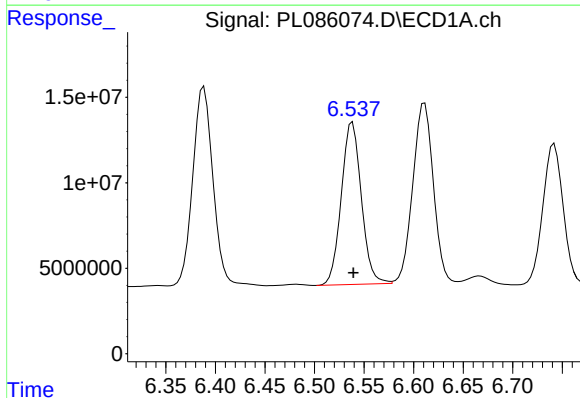
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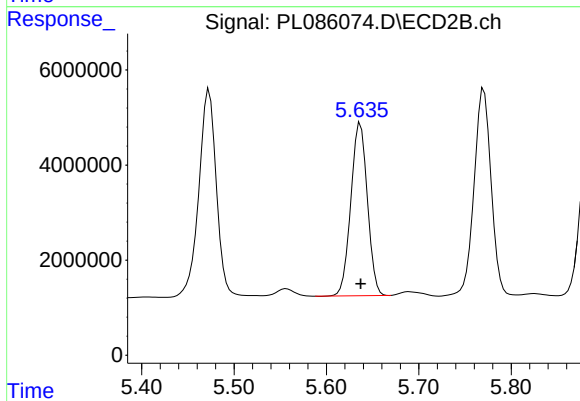
#15 Endosulfan II

R.T.: 5.770 min
Delta R.T.: 0.000 min
Response: 55435539
Conc: 58.30 ng/ml



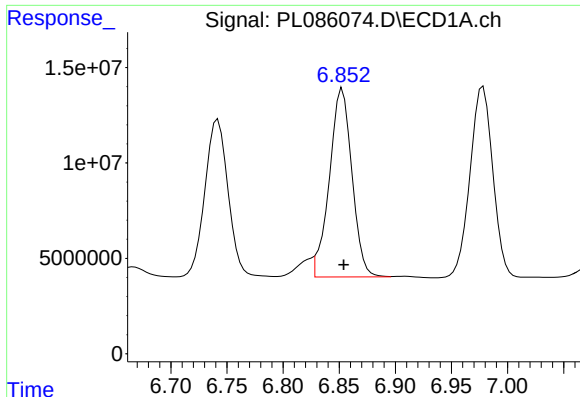
#16 4,4'-DDD

R.T.: 6.538 min
Delta R.T.: -0.001 min
Response: 133568524
Conc: 66.30 ng/ml



#16 4,4'-DDD

R.T.: 5.637 min
Delta R.T.: 0.000 min
Response: 45218987
Conc: 64.97 ng/ml



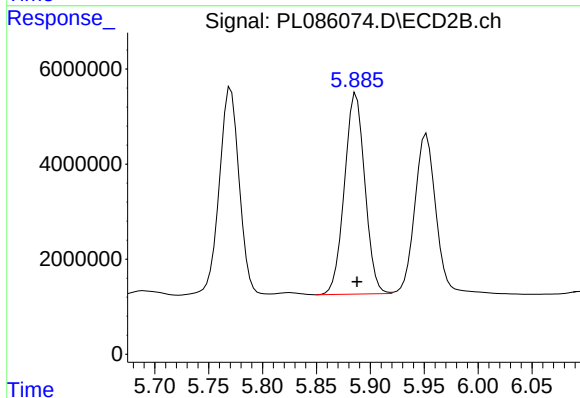
#17 4,4'-DDT

R.T.: 6.852 min
Delta R.T.: -0.003 min
Response: 137098112
Conc: 58.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MS

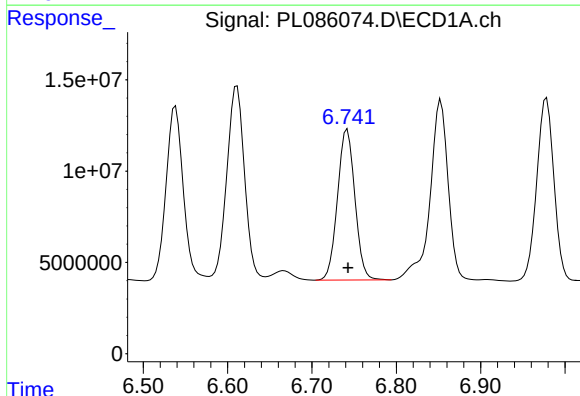
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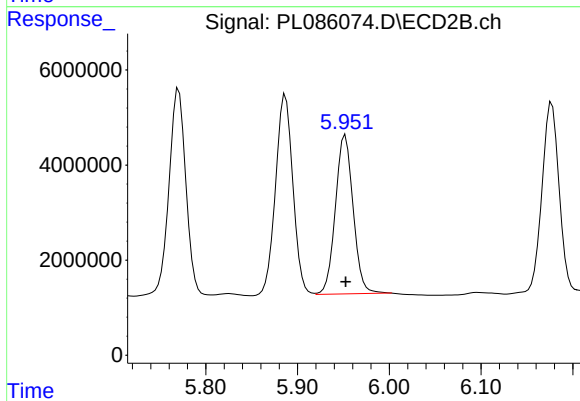
#17 4,4'-DDT

R.T.: 5.887 min
Delta R.T.: 0.000 min
Response: 55730300
Conc: 70.48 ng/ml



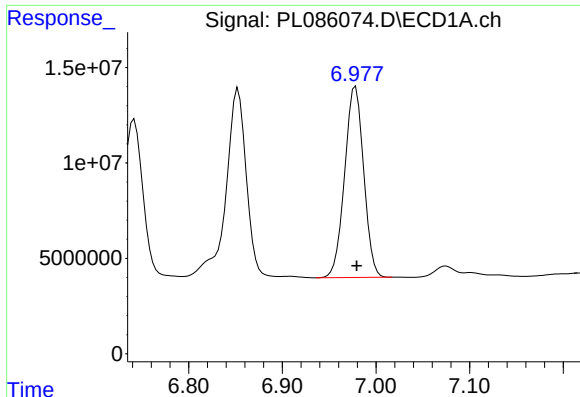
#18 Endrin aldehyde

R.T.: 6.742 min
Delta R.T.: -0.001 min
Response: 118295693
Conc: 58.37 ng/ml



#18 Endrin aldehyde

R.T.: 5.952 min
Delta R.T.: 0.000 min
Response: 44974185
Conc: 60.31 ng/ml



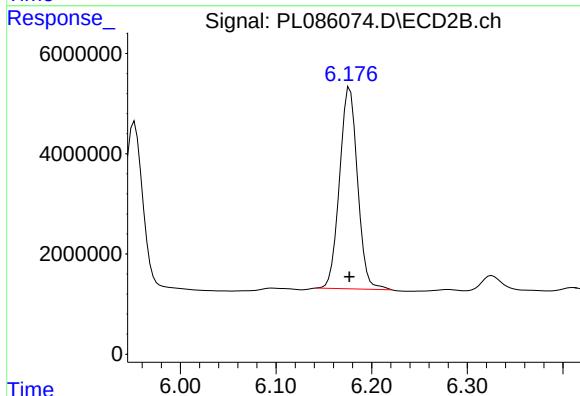
#19 Endosulfan Sulfate

R.T.: 6.978 min
Delta R.T.: -0.001 min
Response: 141488849
Conc: 56.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MS

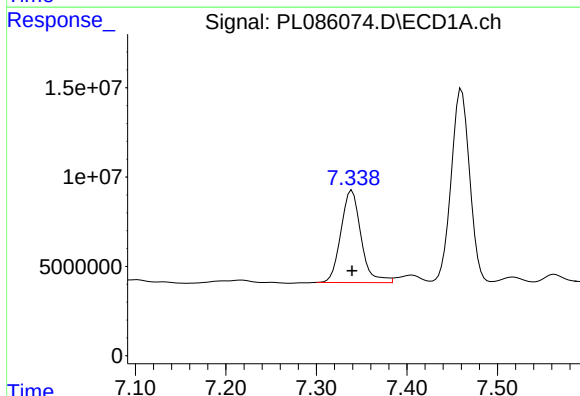
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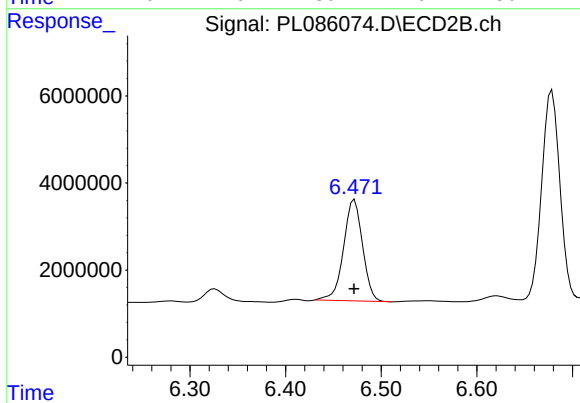
#19 Endosulfan Sulfate

R.T.: 6.177 min
Delta R.T.: 0.000 min
Response: 52644058
Conc: 58.36 ng/ml



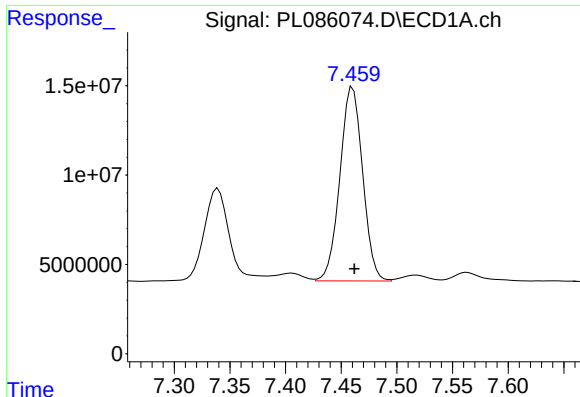
#20 Methoxychlor

R.T.: 7.339 min
Delta R.T.: 0.000 min
Response: 79969386
Conc: 57.26 ng/ml



#20 Methoxychlor

R.T.: 6.472 min
Delta R.T.: 0.000 min
Response: 32173600
Conc: 61.16 ng/ml



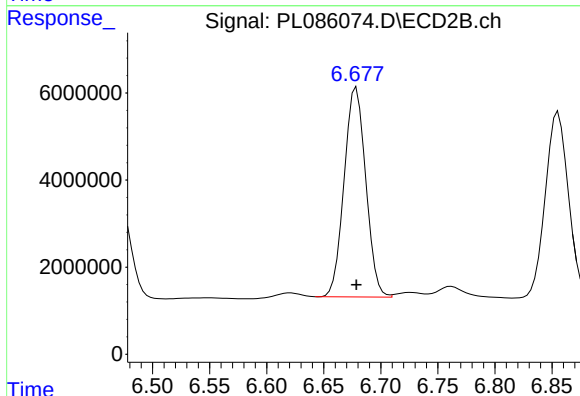
#21 Endrin ketone

R.T.: 7.460 min
Delta R.T.: -0.002 min
Response: 154508922
Conc: 53.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MS

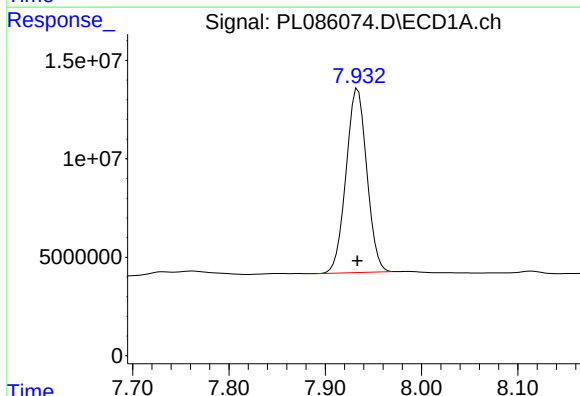
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Supervised By :Ankita Jodhani 10/23/2023



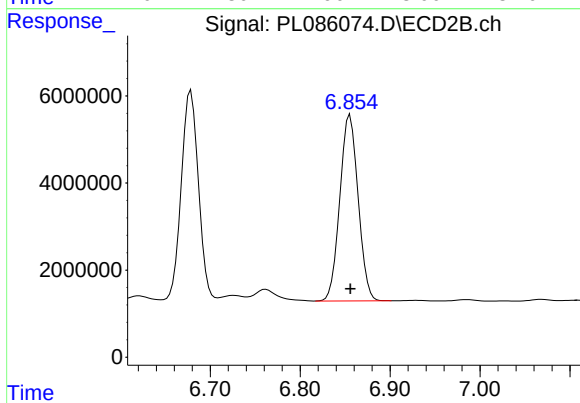
#21 Endrin ketone

R.T.: 6.679 min
Delta R.T.: 0.000 min
Response: 63603069
Conc: 55.34 ng/ml



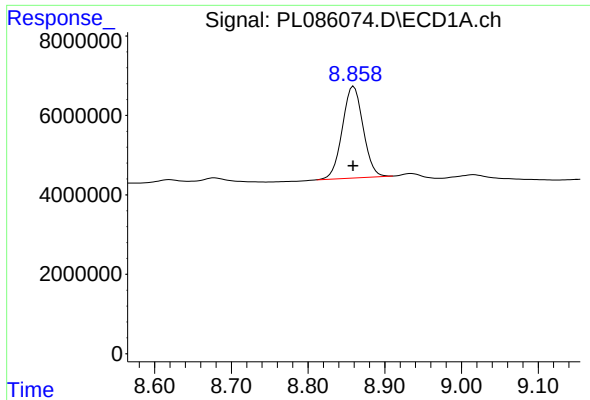
#22 Mirex

R.T.: 7.934 min
Delta R.T.: 0.000 min
Response: 139465603
Conc: 62.99 ng/ml



#22 Mirex

R.T.: 6.856 min
Delta R.T.: 0.000 min
Response: 60372287
Conc: 64.01 ng/ml



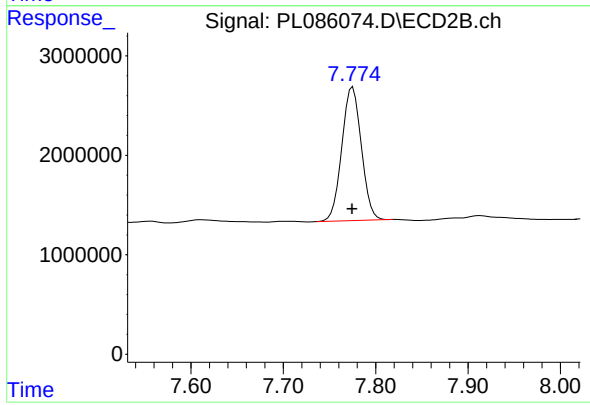
#28 Decachlorobiphenyl

R.T.: 8.859 min
Delta R.T.: 0.000 min
Response: 43719794
Conc: 20.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/23/2023
Supervised By :Ankita Jodhani 10/23/2023



#28 Decachlorobiphenyl

R.T.: 7.775 min
Delta R.T.: 0.000 min
Response: 19732359
Conc: 21.38 ng/ml