

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110123\
 Data File : PL086370.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Nov 2023 15:59
 Operator : AR\AJ
 Sample : 05164-01MS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 ETGI-352MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 11/02/2023
 Supervised By : mohammad ahmed 11/02/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 02 05:48:56 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110123.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 02 05:32:51 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...	3.353	2.619	51325784	16432022	16.173	17.261
28)	SA Decachlor...	8.853	7.770	43910310	23124925	16.602m	20.161m
Target Compounds							
2)	A alpha-BHC	3.806	3.117	210.3E6	63567026	44.555m	48.983
3)	MA gamma-BHC...	4.139	3.444	221.5E6	64846592	48.614	49.367
4)	MA Heptachlor	4.726	3.781	211.8E6	65795975	48.591	50.718
5)	MB Aldrin	5.061	4.057	381.6E6	67828015	86.168m	53.226 #
6)	B beta-BHC	4.342	3.747	91353355	27565380	46.317	48.030
7)	B delta-BHC	4.585	3.972	210.1E6	62679529	48.162	49.587
8)	B Heptachlo...	5.494	4.562	271.8E6	70065165	70.266m	58.606
9)	A Endosulfan I	5.879	4.930	205.3E6	57168102	55.842	48.169
10)	B gamma-Chl...	5.754	4.813	485.4E6	146.9E6	122.322	124.162m
11)	B alpha-Chl...	5.831	4.878	825.1E6	246.7E6	207.285m	197.502
12)	B 4,4'-DDE	6.016	5.076	161.7E6	62768956	50.953	63.606
13)	MA Dieldrin	6.156	5.196	193.1E6	57863279	50.222	48.455
14)	MA Endrin	6.385	5.469	152.6E6	56815740	45.723	51.560
15)	B Endosulfa...	6.608	5.769	158.1E6	108.8E6	49.091	100.923 #
16)	A 4,4'-DDD	6.535	5.632	137.1E6	38986597	57.784	47.867
17)	MA 4,4'-DDT	6.851	5.883	131.3E6	52131983	50.313	55.298
18)	B Endrin al...	6.738	5.949	126.6E6	45448453	52.013m	53.894
19)	B Endosulfa...	6.976	6.173	156.9E6	50603876	50.820	47.999
20)	A Methoxychlor	7.336	6.468	82740570	33016266	59.654	56.502
21)	B Endrin ke...	7.458	6.674	155.6E6	56965675	48.765	45.675
22)	Mirex	7.930	6.851	151.3E6	59504403	55.438	52.012

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110123\
Data File : PL086370.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Nov 2023 15:59
Operator : AR\AJ
Sample : 05164-01MS
Misc :
ALS Vial : 29 Sample Multiplier: 1

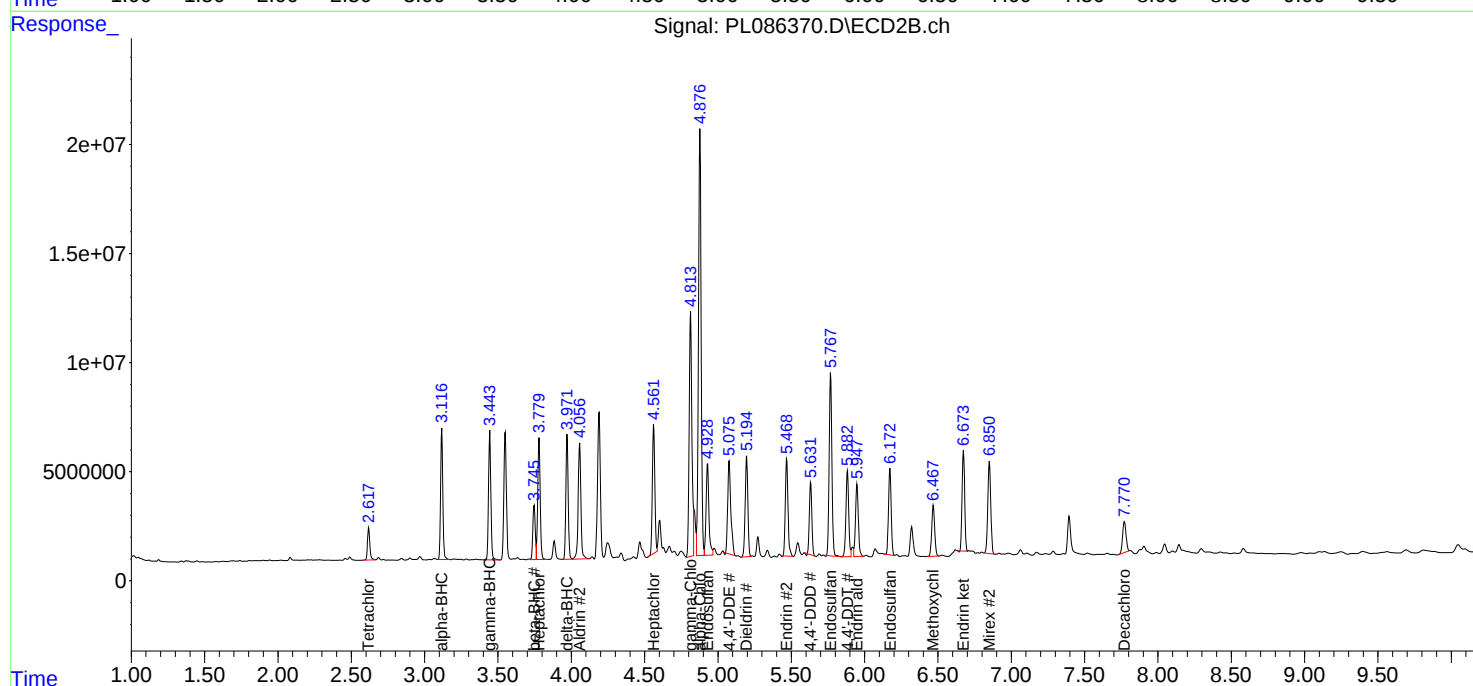
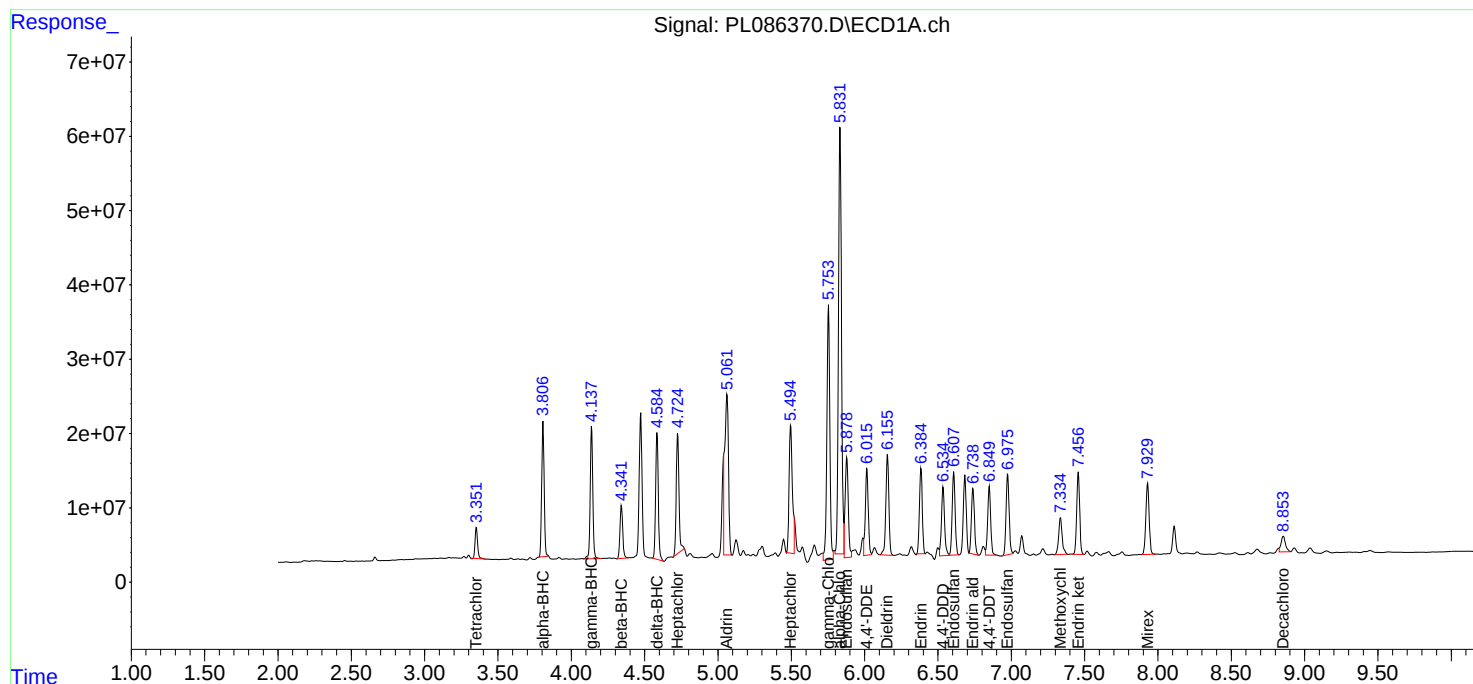
Instrument :
ECD_L
ClientSampleId :
ETGI-352MS

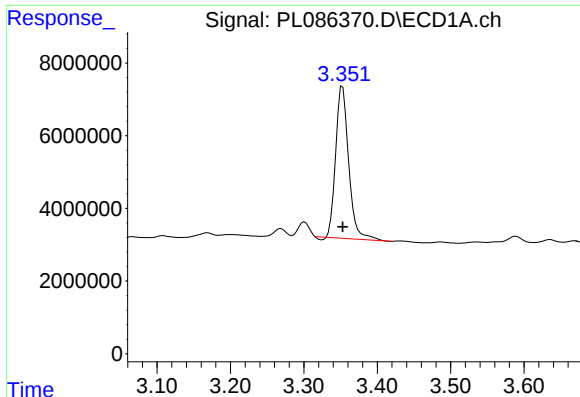
Manual Integrations
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Supervised By :mohammad ahmed 11/02/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 02 05:48:56 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110123.M
Quant Title : GC Extractables
QLast Update : Thu Nov 02 05:32:51 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





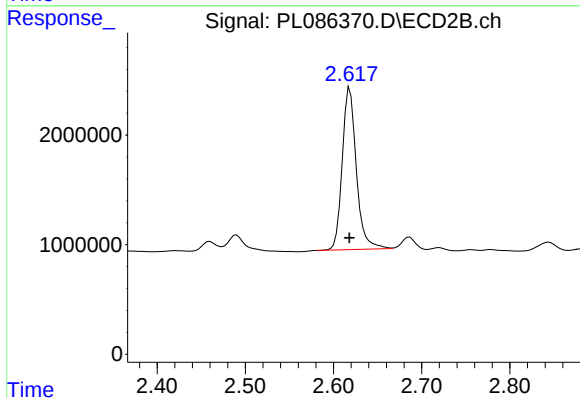
#1 Tetrachloro-m-xylene

R.T.: 3.353 min
Delta R.T.: 0.000 min
Response: 51325784
Conc: 16.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
ETGI-352MS

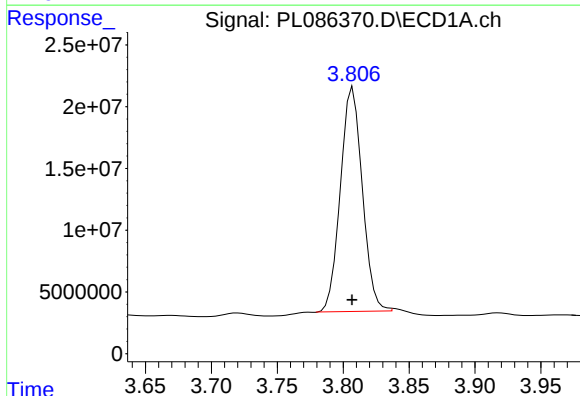
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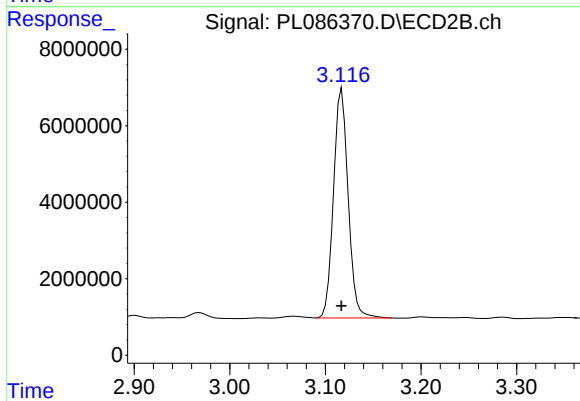
#1 Tetrachloro-m-xylene

R.T.: 2.619 min
Delta R.T.: 0.000 min
Response: 16432022
Conc: 17.26 ng/ml



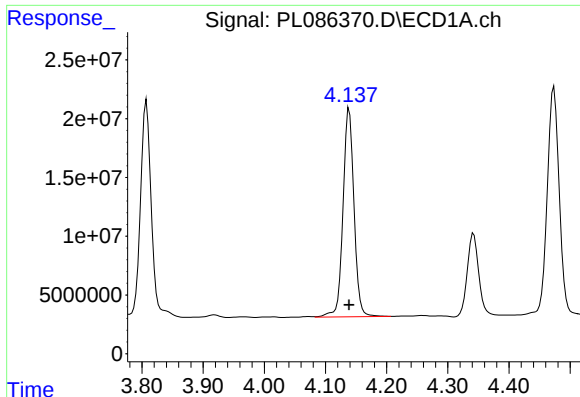
#2 alpha-BHC

R.T.: 3.806 min
Delta R.T.: 0.000 min
Response: 210302599
Conc: 44.56 ng/ml m



#2 alpha-BHC

R.T.: 3.117 min
Delta R.T.: 0.000 min
Response: 63567026
Conc: 48.98 ng/ml



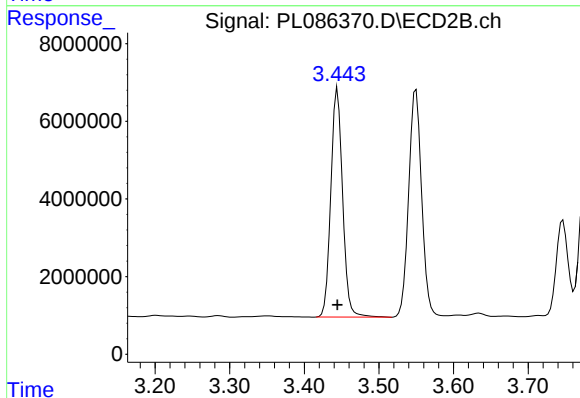
#3 gamma-BHC (Lindane)

R.T.: 4.139 min
Delta R.T.: 0.000 min
Response: 221506682
Conc: 48.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
ETGI-352MS

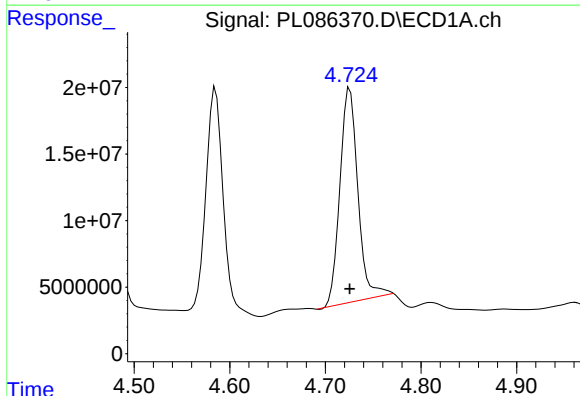
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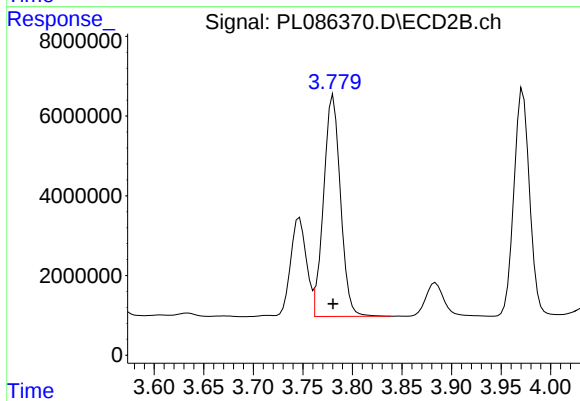
#3 gamma-BHC (Lindane)

R.T.: 3.444 min
Delta R.T.: 0.000 min
Response: 64846592
Conc: 49.37 ng/ml



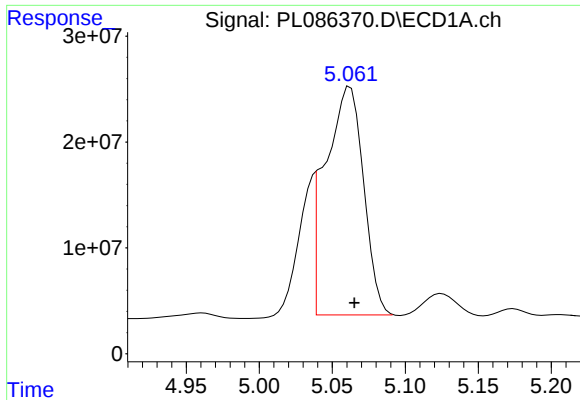
#4 Heptachlor

R.T.: 4.726 min
Delta R.T.: 0.000 min
Response: 211796210
Conc: 48.59 ng/ml



#4 Heptachlor

R.T.: 3.781 min
Delta R.T.: 0.000 min
Response: 65795975
Conc: 50.72 ng/ml



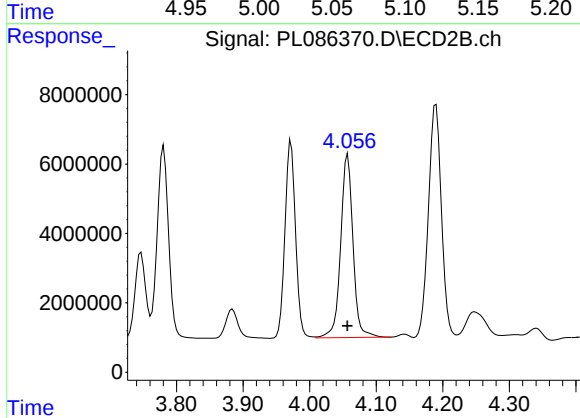
#5 Aldrin

R.T.: 5.061 min
Delta R.T.: -0.004 min
Response: 381608085
Conc: 86.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
ETGI-352MS

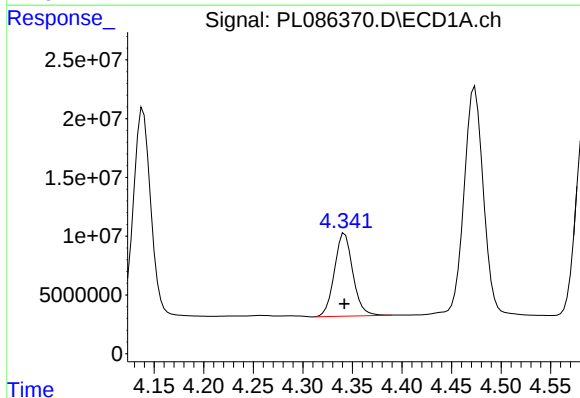
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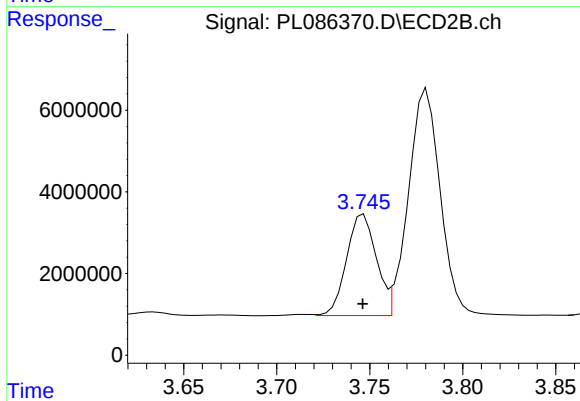
#5 Aldrin

R.T.: 4.057 min
Delta R.T.: 0.000 min
Response: 67828015
Conc: 53.23 ng/ml



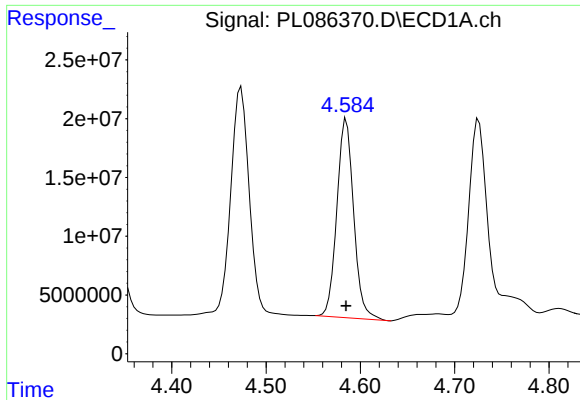
#6 beta-BHC

R.T.: 4.342 min
Delta R.T.: 0.000 min
Response: 91353355
Conc: 46.32 ng/ml



#6 beta-BHC

R.T.: 3.747 min
Delta R.T.: 0.000 min
Response: 27565380
Conc: 48.03 ng/ml



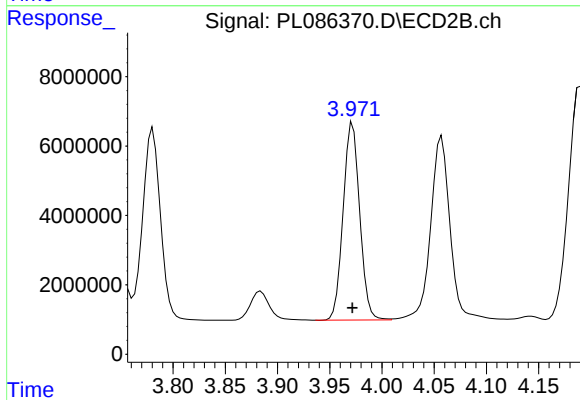
#7 delta-BHC

R.T.: 4.585 min
Delta R.T.: 0.000 min
Response: 210129634
Conc: 48.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
ETGI-352MS

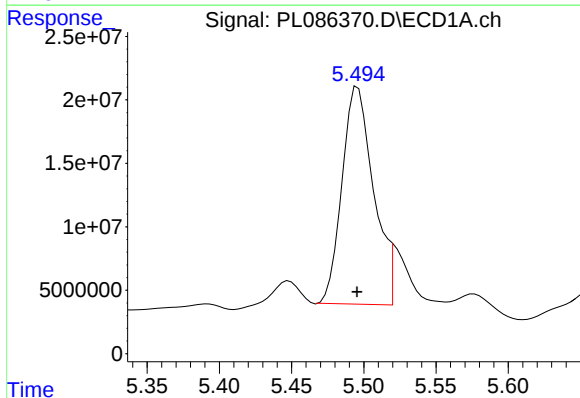
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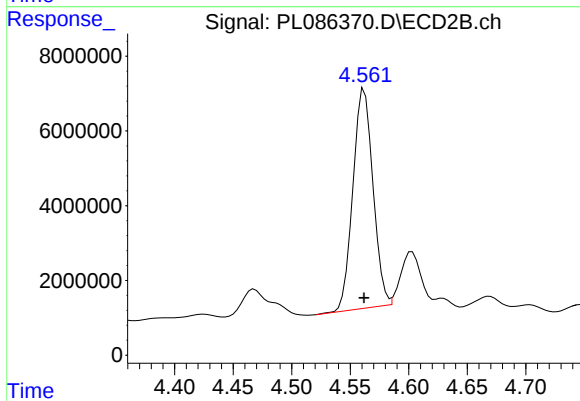
#7 delta-BHC

R.T.: 3.972 min
Delta R.T.: 0.000 min
Response: 62679529
Conc: 49.59 ng/ml



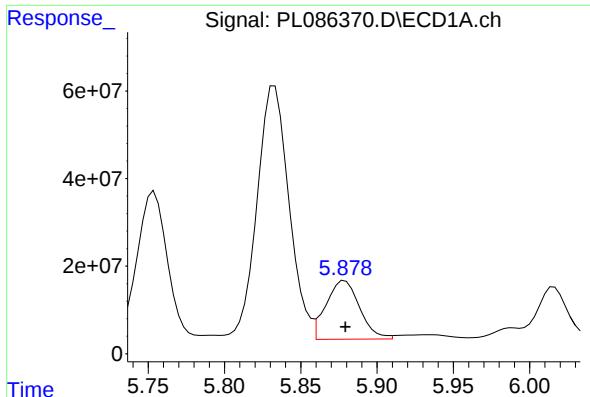
#8 Heptachlor epoxide

R.T.: 5.494 min
Delta R.T.: 0.000 min
Response: 271764265
Conc: 70.27 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.562 min
Delta R.T.: 0.000 min
Response: 70065165
Conc: 58.61 ng/ml



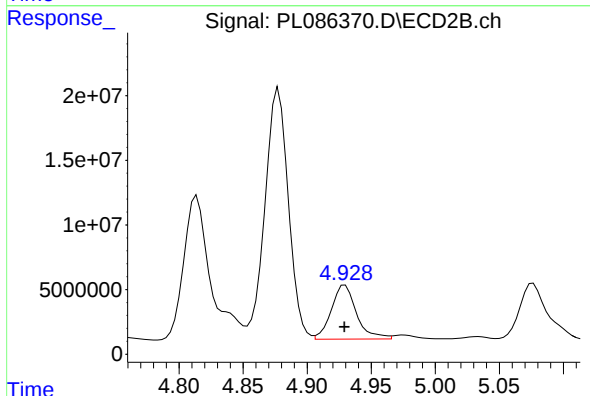
#9 Endosulfan I

R.T.: 5.879 min
Delta R.T.: 0.000 min
Response: 205269706
Conc: 55.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
ETGI-352MS

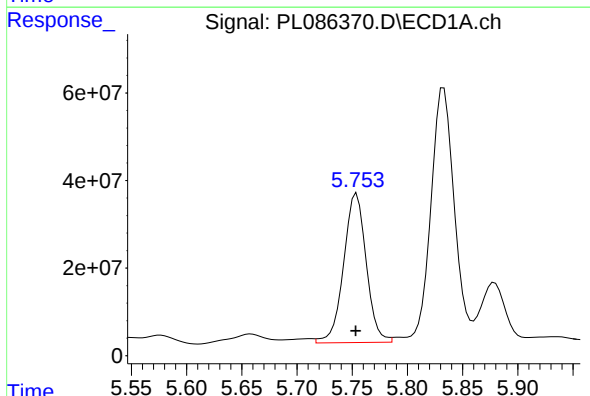
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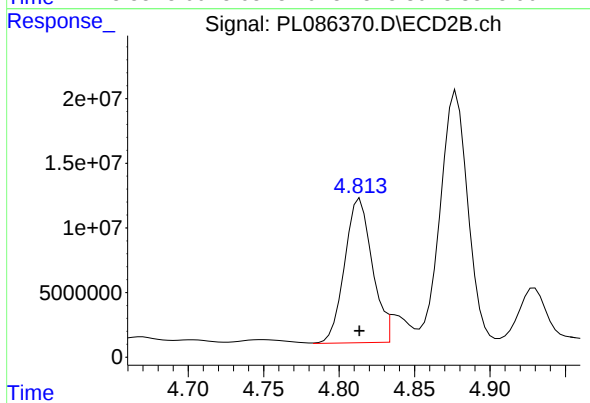
#9 Endosulfan I

R.T.: 4.930 min
Delta R.T.: 0.000 min
Response: 57168102
Conc: 48.17 ng/ml



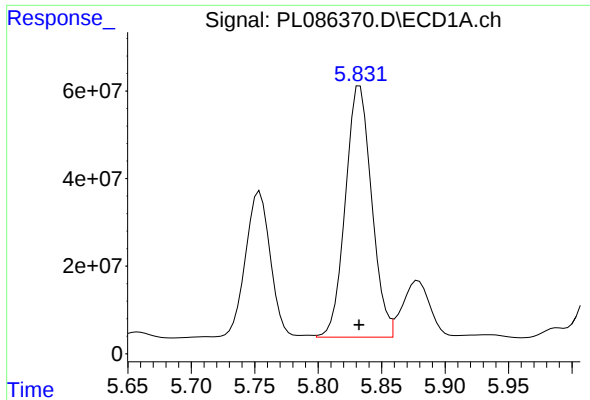
#10 gamma-Chlordane

R.T.: 5.754 min
Delta R.T.: 0.000 min
Response: 485350558
Conc: 122.32 ng/ml



#10 gamma-Chlordane

R.T.: 4.813 min
Delta R.T.: 0.000 min
Response: 146930216
Conc: 124.16 ng/ml m



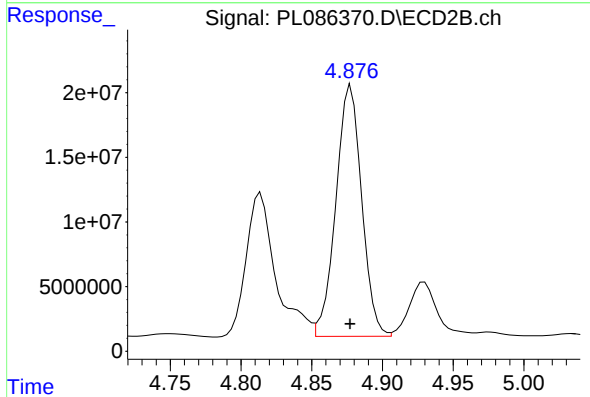
#11 alpha-Chlordane

R.T.: 5.831 min
Delta R.T.: 0.000 min
Response: 825093666
Conc: 207.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
ETGI-352MS

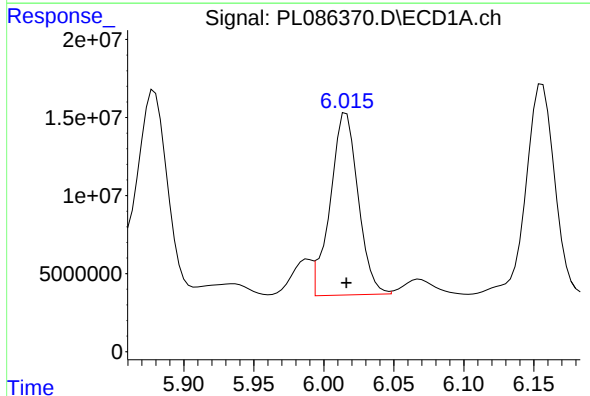
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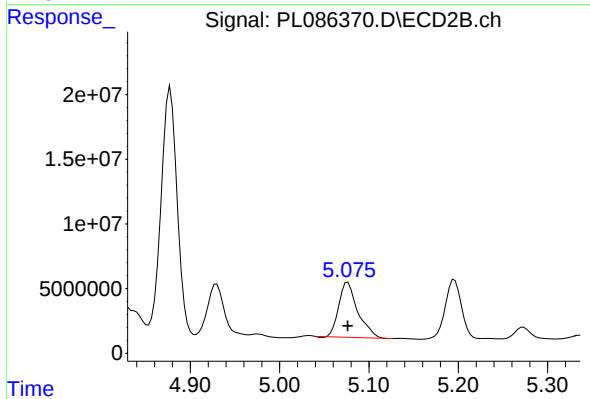
#11 alpha-Chlordane

R.T.: 4.878 min
Delta R.T.: 0.000 min
Response: 246721493
Conc: 197.50 ng/ml



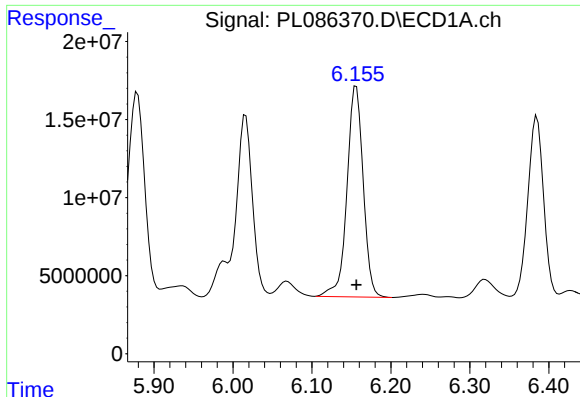
#12 4,4'-DDE

R.T.: 6.016 min
Delta R.T.: 0.000 min
Response: 161705709
Conc: 50.95 ng/ml



#12 4,4'-DDE

R.T.: 5.076 min
Delta R.T.: 0.000 min
Response: 62768956
Conc: 63.61 ng/ml



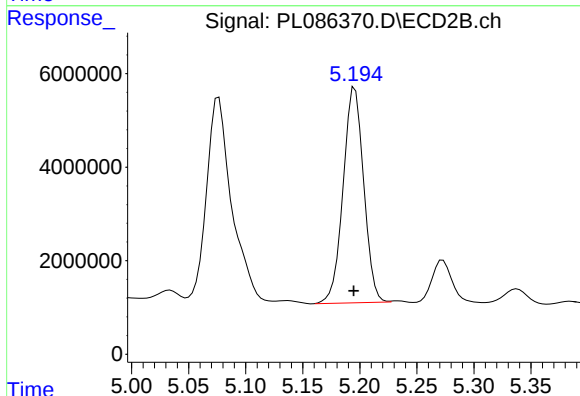
#13 Dieldrin

R.T.: 6.156 min
Delta R.T.: 0.000 min
Response: 193096203
Conc: 50.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
ETGI-352MS

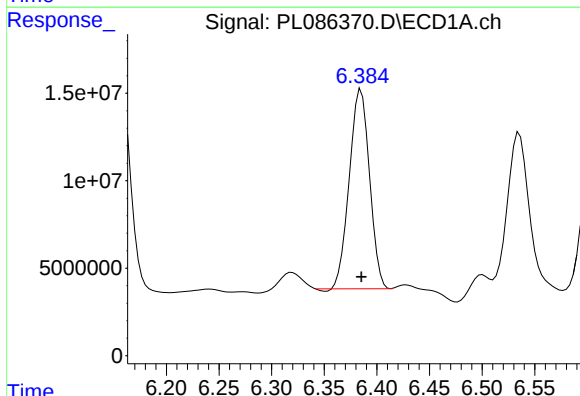
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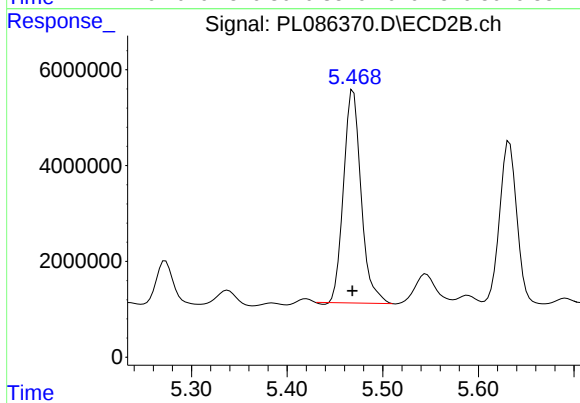
#13 Dieldrin

R.T.: 5.196 min
Delta R.T.: 0.000 min
Response: 57863279
Conc: 48.45 ng/ml



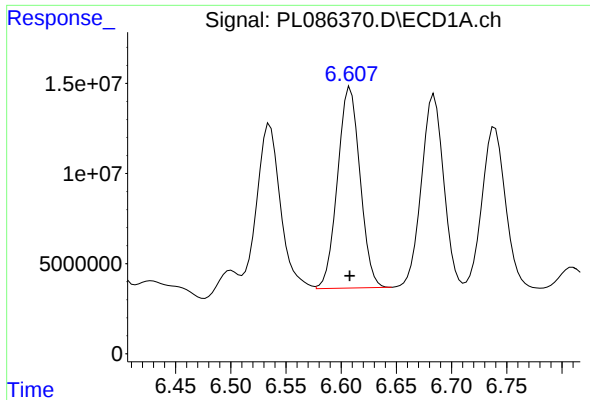
#14 Endrin

R.T.: 6.385 min
Delta R.T.: 0.000 min
Response: 152634830
Conc: 45.72 ng/ml



#14 Endrin

R.T.: 5.469 min
Delta R.T.: 0.000 min
Response: 56815740
Conc: 51.56 ng/ml



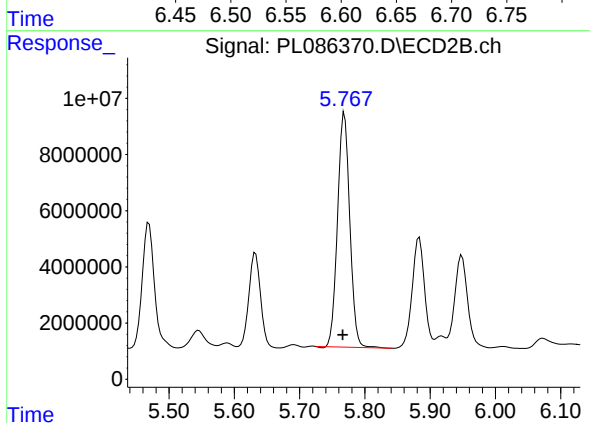
#15 Endosulfan II

R.T.: 6.608 min
Delta R.T.: 0.000 min
Response: 158099071
Conc: 49.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
ETGI-352MS

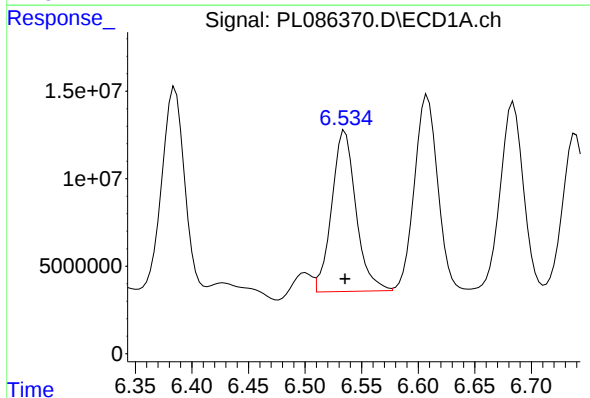
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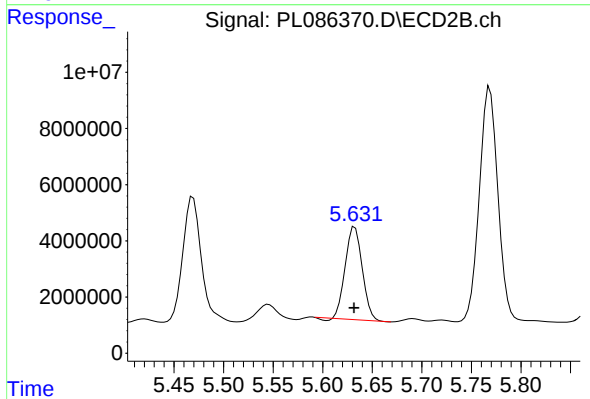
#15 Endosulfan II

R.T.: 5.769 min
Delta R.T.: 0.002 min
Response: 108784268
Conc: 100.92 ng/ml



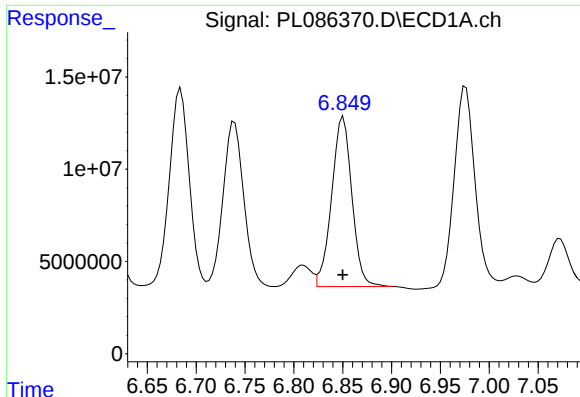
#16 4,4'-DDD

R.T.: 6.535 min
Delta R.T.: 0.000 min
Response: 137052588
Conc: 57.78 ng/ml



#16 4,4'-DDD

R.T.: 5.632 min
Delta R.T.: 0.000 min
Response: 38986597
Conc: 47.87 ng/ml



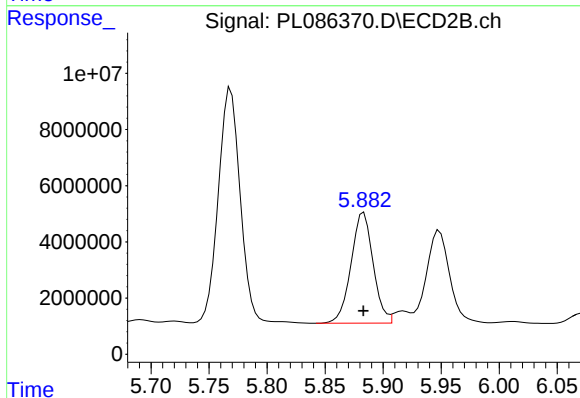
#17 4,4'-DDT

R.T.: 6.851 min
Delta R.T.: 0.000 min
Response: 131261798
Conc: 50.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
ETGI-352MS

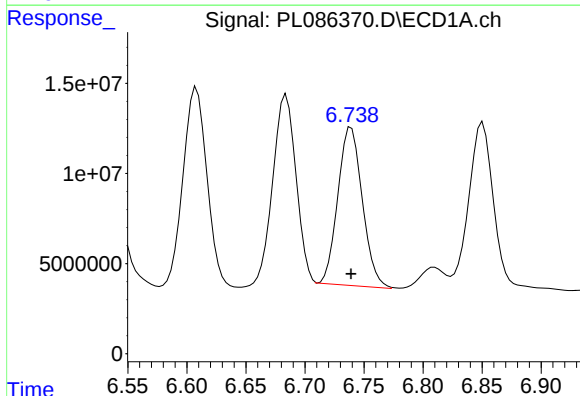
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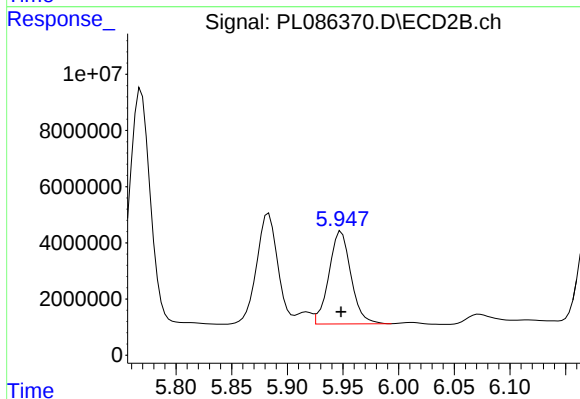
#17 4,4'-DDT

R.T.: 5.883 min
Delta R.T.: 0.000 min
Response: 52131983
Conc: 55.30 ng/ml



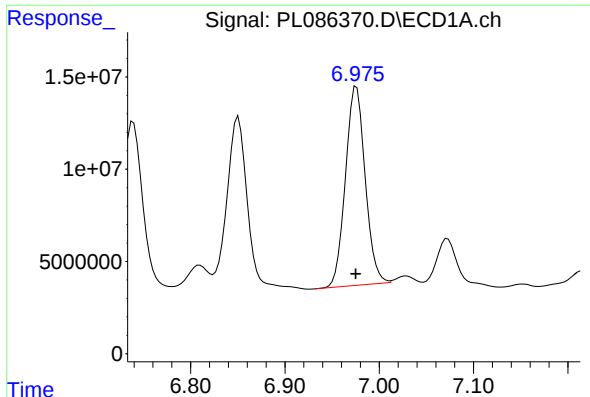
#18 Endrin aldehyde

R.T.: 6.738 min
Delta R.T.: -0.001 min
Response: 126604146
Conc: 52.01 ng/ml m



#18 Endrin aldehyde

R.T.: 5.949 min
Delta R.T.: 0.000 min
Response: 45448453
Conc: 53.89 ng/ml



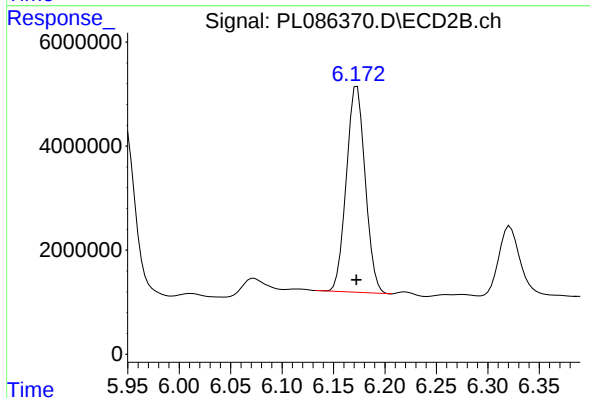
#19 Endosulfan Sulfate

R.T.: 6.976 min
Delta R.T.: 0.000 min
Response: 156930932
Conc: 50.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
ETGI-352MS

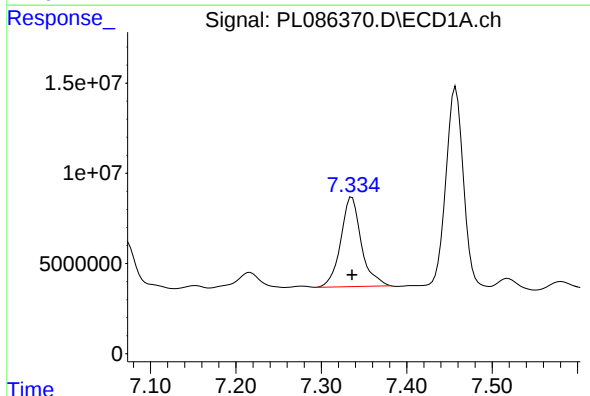
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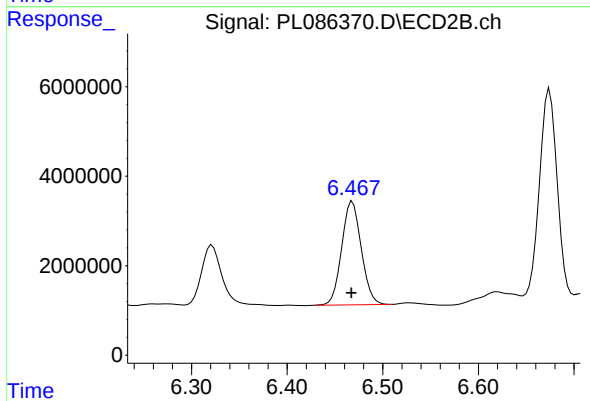
#19 Endosulfan Sulfate

R.T.: 6.173 min
Delta R.T.: 0.000 min
Response: 50603876
Conc: 48.00 ng/ml



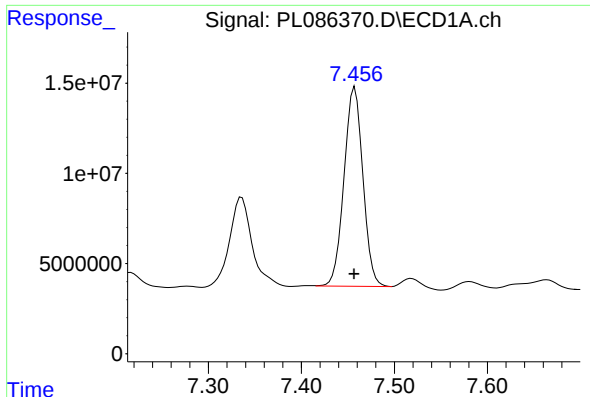
#20 Methoxychlor

R.T.: 7.336 min
Delta R.T.: 0.000 min
Response: 82740570
Conc: 59.65 ng/ml



#20 Methoxychlor

R.T.: 6.468 min
Delta R.T.: 0.001 min
Response: 33016266
Conc: 56.50 ng/ml



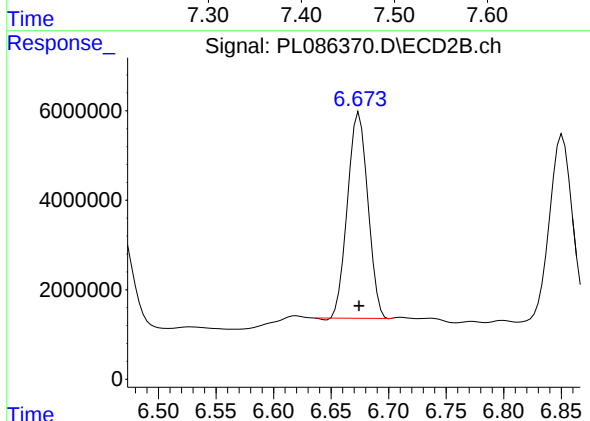
#21 Endrin ketone

R.T.: 7.458 min
Delta R.T.: 0.000 min
Response: 155628448
Conc: 48.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
ETGI-352MS

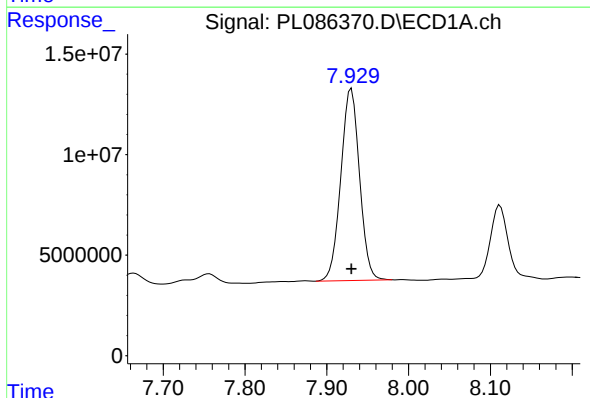
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/02/2023
Supervised By :mohammad ahmed 11/02/2023



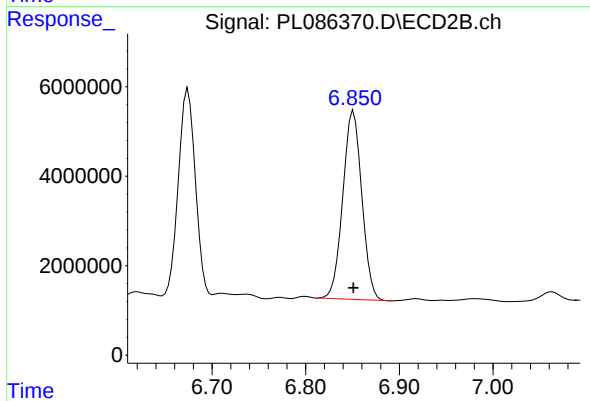
#21 Endrin ketone

R.T.: 6.674 min
Delta R.T.: 0.000 min
Response: 56965675
Conc: 45.68 ng/ml



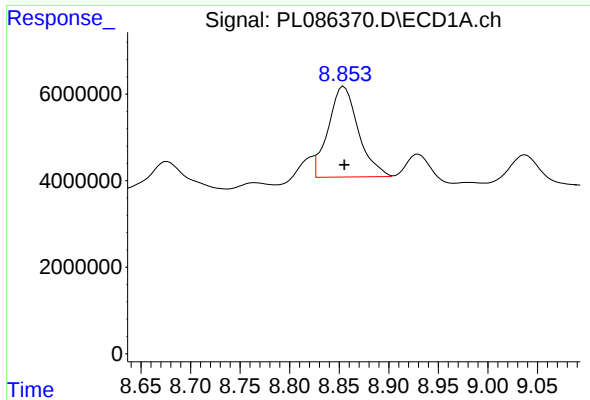
#22 Mirex

R.T.: 7.930 min
Delta R.T.: 0.000 min
Response: 151254675
Conc: 55.44 ng/ml



#22 Mirex

R.T.: 6.851 min
Delta R.T.: 0.000 min
Response: 59504403
Conc: 52.01 ng/ml



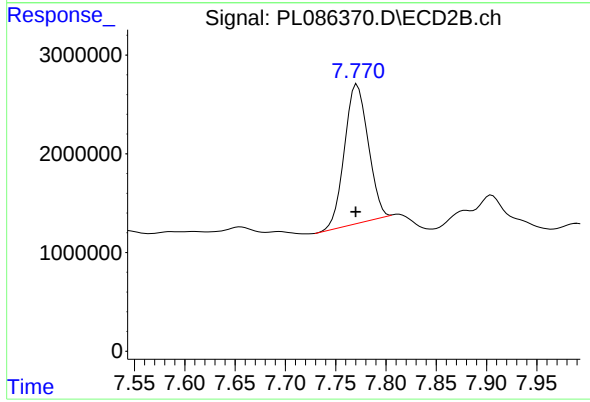
#28 Decachlorobiphenyl

R.T.: 8.853 min
Delta R.T.: -0.002 min
Response: 43910310
Conc: 16.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
ETGI-352MS

Manual Integrations
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Supervised By :mohammad ahmed 11/02/2023



#28 Decachlorobiphenyl

R.T.: 7.770 min
Delta R.T.: 0.000 min
Response: 23124925
Conc: 20.16 ng/ml m