

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082423\
 Data File : PL084971.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Aug 2023 14:16
 Operator : AR\AJ
 Sample : 04135-02MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 328MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/25/2023
 Supervised By : mohammad ahmed 08/25/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 24 21:59:16 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080323.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 03 16:21:43 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...	3.478	2.686	33506995	15891399	14.421	14.614
28)	SA Decachlor...	9.028	7.865	26114208	15275596	16.050	12.252
Target Compounds							
2)	A alpha-BHC	3.936	3.191	162.0E6	80225675	49.078	51.957
3)	MA gamma-BHC...	4.270	3.521	148.6E6	76180283	46.575	50.134
4)	MA Heptachlor	4.860	3.862	163.4E6	75056557	48.587m	52.703
5)	MB Aldrin	5.204	4.141	145.9E6	72524252	44.155	49.900
6)	B beta-BHC	4.469	3.823	66385089	32780529	47.522	48.925
7)	B delta-BHC	4.716	4.051	152.6E6	74530836	47.321	49.091
8)	B Heptachlo...	5.634	4.647	138.9E6	65747143	46.107	49.553
9)	A Endosulfan I	6.020	5.019	118.5E6	60058663	45.000	48.462
10)	B gamma-Chl...	5.891	4.901	131.8E6	72165857	46.027	53.209
11)	B alpha-Chl...	5.971	4.965	138.2E6	69005396	48.955	50.646
12)	B 4,4'-DDE	6.151	5.163	108.2E6	67171314	47.136	54.546
13)	MA Dieldrin	6.297	5.285	115.4E6	66849429	43.674	49.234
14)	MA Endrin	6.526	5.560	95604707	61730320	43.835	50.466
15)	B Endosulfa...	6.747	5.858	85835010	54915793	40.584	45.513
16)	A 4,4'-DDD	6.669	5.721	84976562	51113879	50.684	49.470
17)	MA 4,4'-DDT	6.985	5.973	97339612	61340409	51.950	52.854
18)	B Endrin al...	6.879	6.040	70101799	48211869	41.555	48.613
19)	B Endosulfa...	7.114	6.264	81703406	53675949	40.899	45.137
20)	A Methoxychlor	7.467	6.559	36263959	34131619	37.787	49.747 #
21)	B Endrin ke...	7.599	6.769	82195588	61410111	41.089	42.563
22)	Mirex	8.073	6.949	65890251	45963725	39.673	39.855

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082423\
Data File : PL084971.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Aug 2023 14:16
Operator : AR\AJ
Sample : 04135-02MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

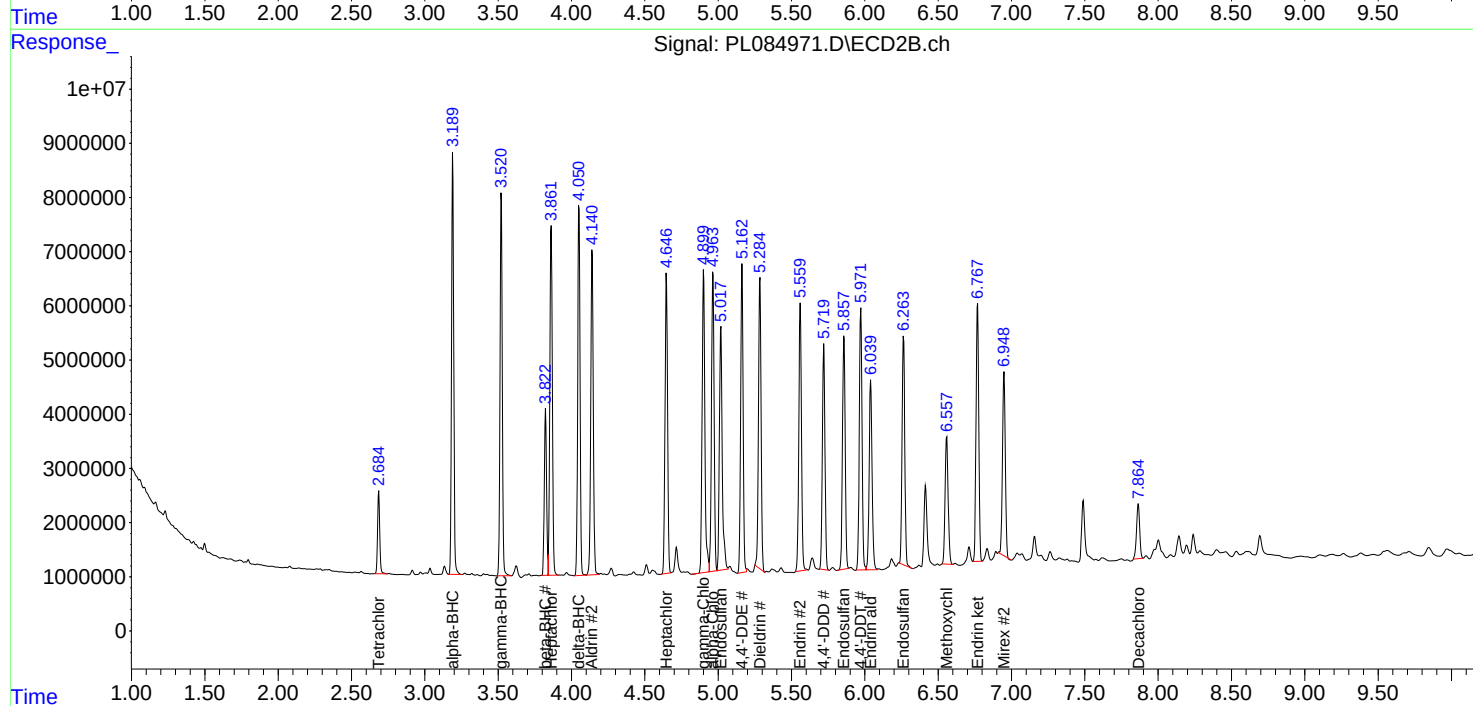
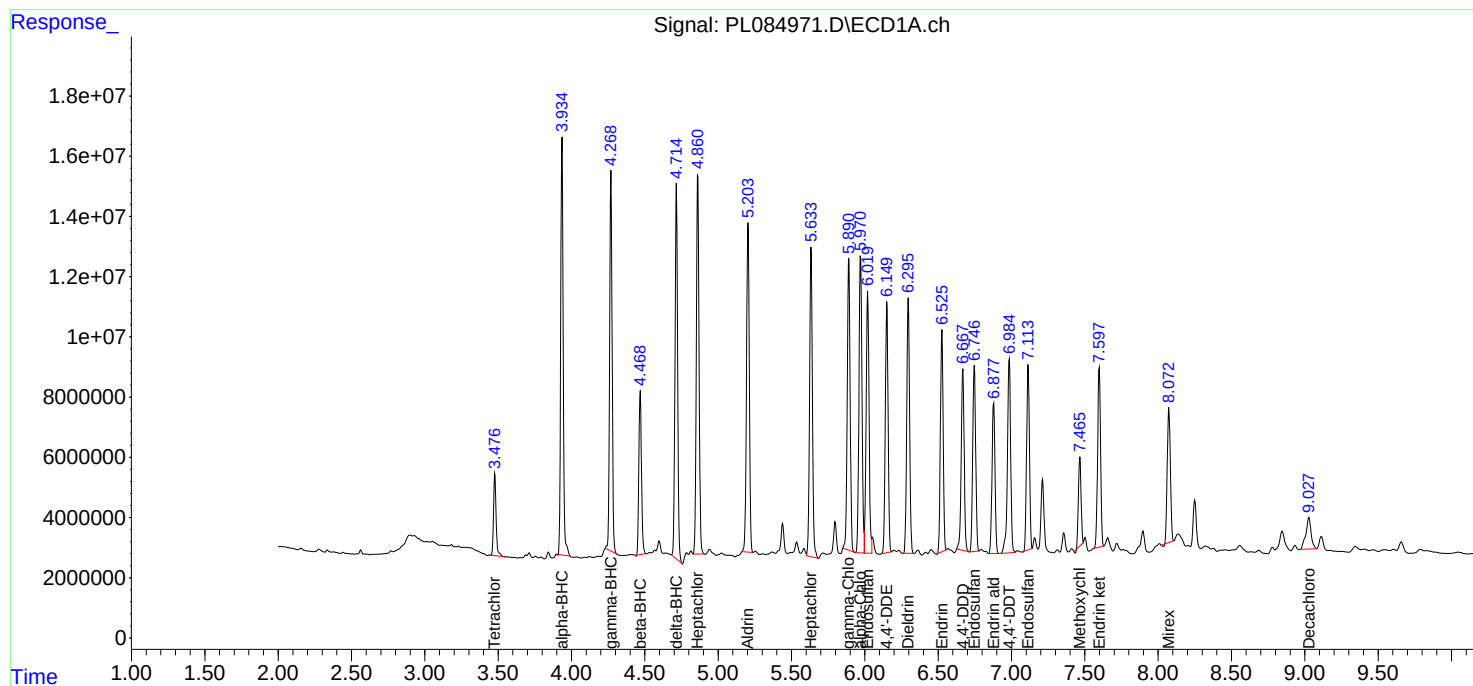
Instrument :
ECD_L
ClientSampleId :
328MSD

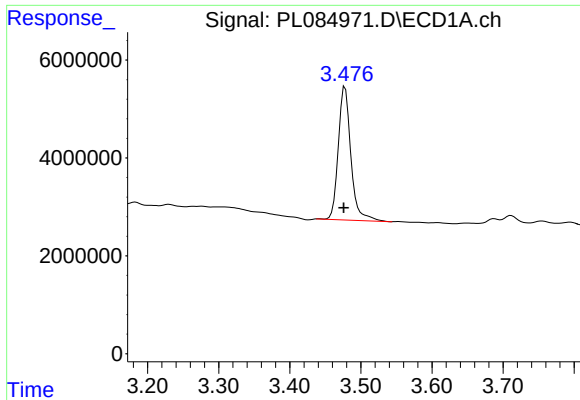
Manual Integrations
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Supervised By :mohammad ahmed 08/25/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 24 21:59:16 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080323.M
Quant Title : GC Extractables
QLast Update : Thu Aug 03 16:21:43 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





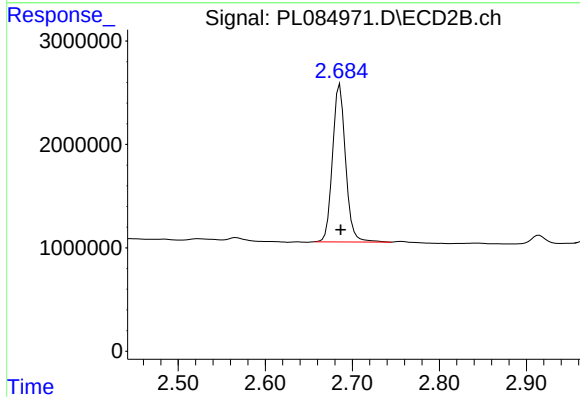
#1 Tetrachloro-m-xylene

R.T.: 3.478 min
Delta R.T.: 0.002 min
Response: 33506995
Conc: 14.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
328MSD

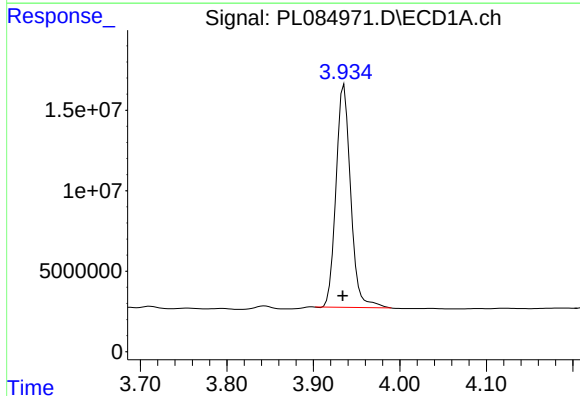
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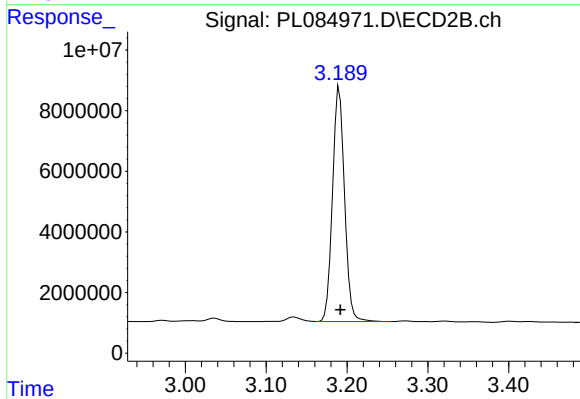
#1 Tetrachloro-m-xylene

R.T.: 2.686 min
Delta R.T.: -0.001 min
Response: 15891399
Conc: 14.61 ng/ml



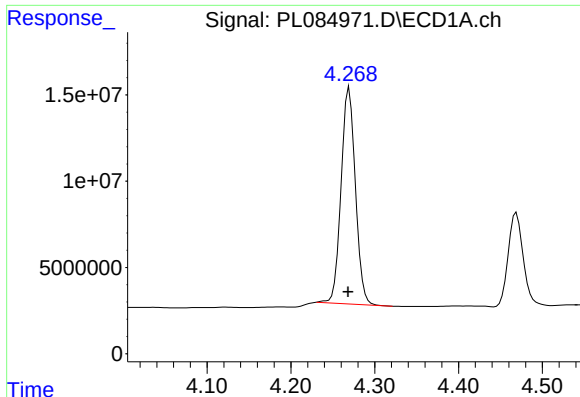
#2 alpha-BHC

R.T.: 3.936 min
Delta R.T.: 0.002 min
Response: 162025114
Conc: 49.08 ng/ml



#2 alpha-BHC

R.T.: 3.191 min
Delta R.T.: -0.001 min
Response: 80225675
Conc: 51.96 ng/ml



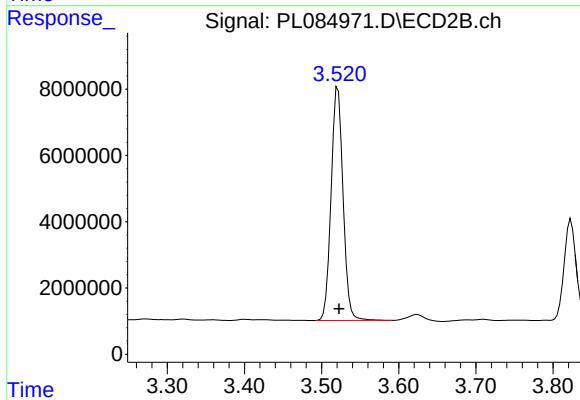
#3 gamma-BHC (Lindane)

R.T.: 4.270 min
Delta R.T.: 0.001 min
Response: 148574847
Conc: 46.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
328MSD

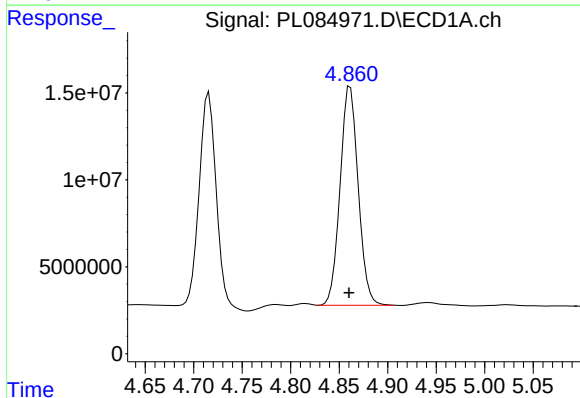
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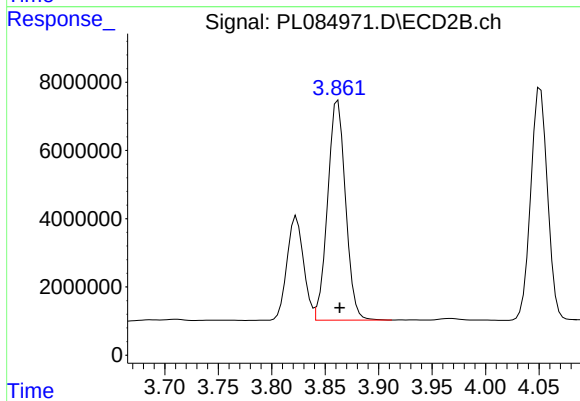
#3 gamma-BHC (Lindane)

R.T.: 3.521 min
Delta R.T.: -0.001 min
Response: 76180283
Conc: 50.13 ng/ml



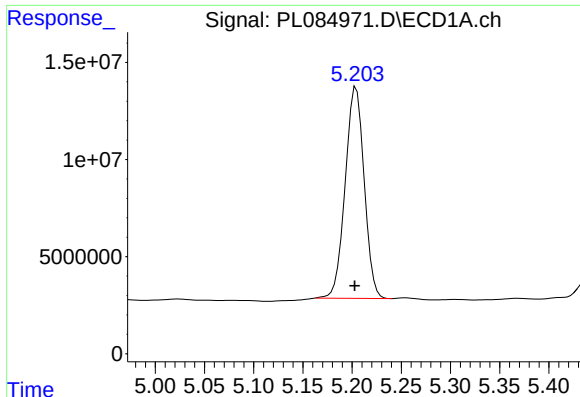
#4 Heptachlor

R.T.: 4.860 min
Delta R.T.: 0.000 min
Response: 163389699
Conc: 48.59 ng/ml m



#4 Heptachlor

R.T.: 3.862 min
Delta R.T.: -0.002 min
Response: 75056557
Conc: 52.70 ng/ml



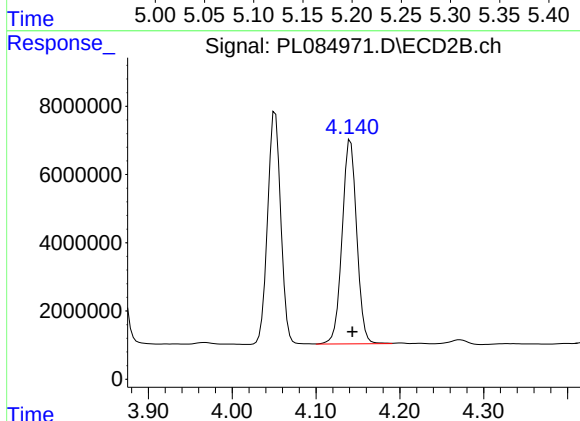
#5 Aldrin

R.T.: 5.204 min
Delta R.T.: 0.002 min
Response: 145947655
Conc: 44.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
328MSD

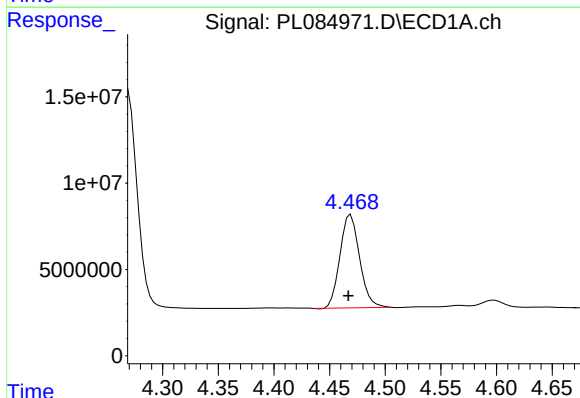
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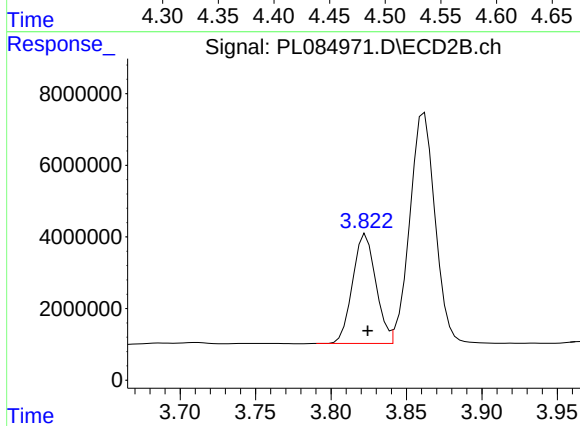
#5 Aldrin

R.T.: 4.141 min
Delta R.T.: -0.002 min
Response: 72524252
Conc: 49.90 ng/ml



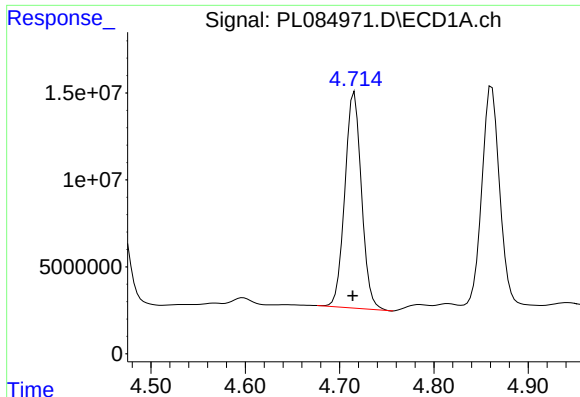
#6 beta-BHC

R.T.: 4.469 min
Delta R.T.: 0.002 min
Response: 66385089
Conc: 47.52 ng/ml



#6 beta-BHC

R.T.: 3.823 min
Delta R.T.: -0.001 min
Response: 32780529
Conc: 48.92 ng/ml



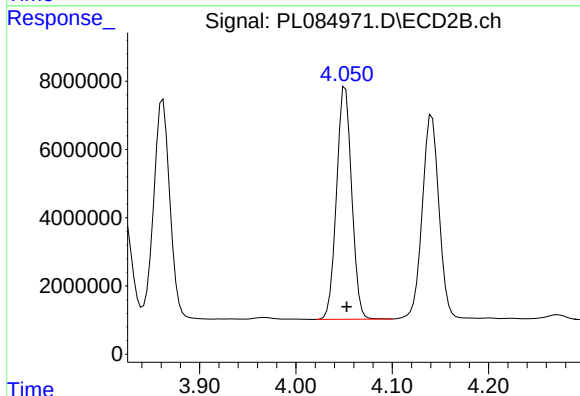
#7 delta-BHC

R.T.: 4.716 min
Delta R.T.: 0.002 min
Response: 152597483
Conc: 47.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
328MSD

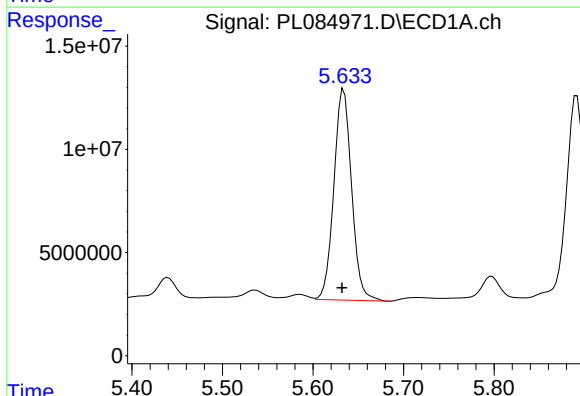
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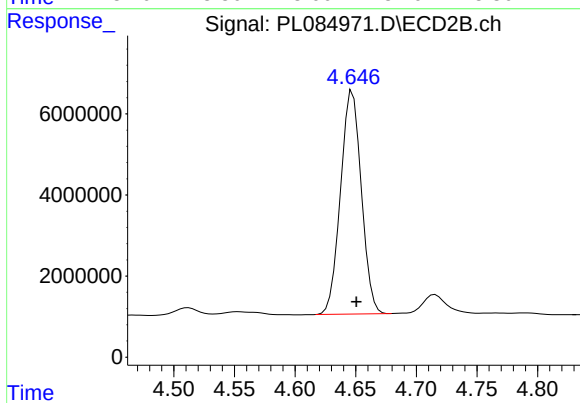
#7 delta-BHC

R.T.: 4.051 min
Delta R.T.: -0.002 min
Response: 74530836
Conc: 49.09 ng/ml



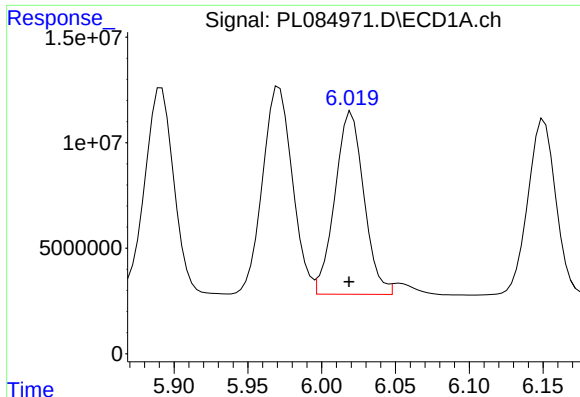
#8 Heptachlor epoxide

R.T.: 5.634 min
Delta R.T.: 0.002 min
Response: 138905756
Conc: 46.11 ng/ml



#8 Heptachlor epoxide

R.T.: 4.647 min
Delta R.T.: -0.003 min
Response: 65747143
Conc: 49.55 ng/ml



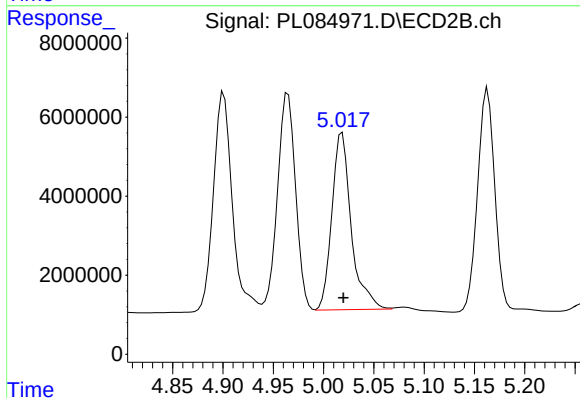
#9 Endosulfan I

R.T.: 6.020 min
Delta R.T.: 0.002 min
Response: 118450819
Conc: 45.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
328MSD

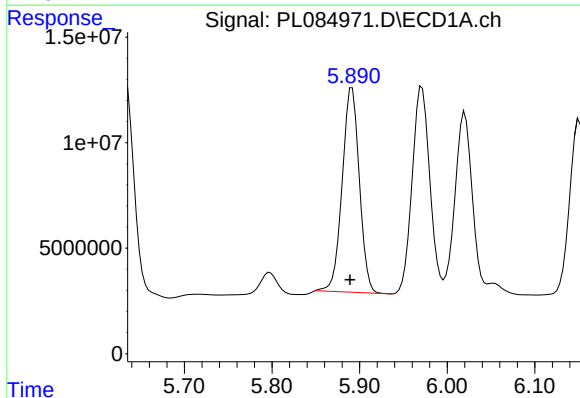
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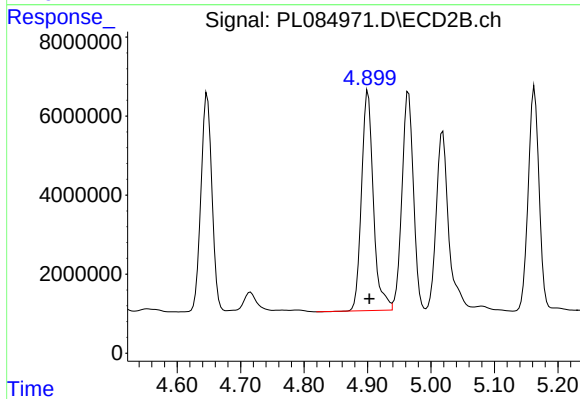
#9 Endosulfan I

R.T.: 5.019 min
Delta R.T.: -0.001 min
Response: 60058663
Conc: 48.46 ng/ml



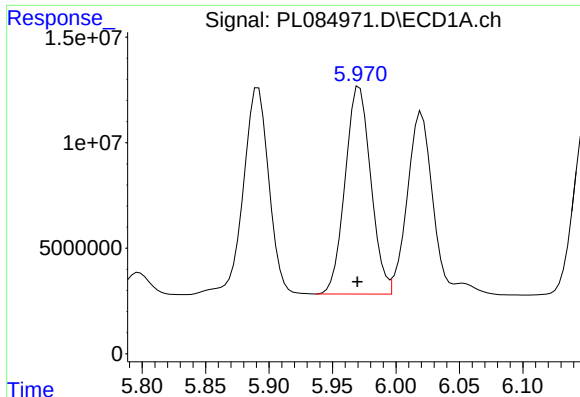
#10 gamma-Chlordane

R.T.: 5.891 min
Delta R.T.: 0.002 min
Response: 131804284
Conc: 46.03 ng/ml



#10 gamma-Chlordane

R.T.: 4.901 min
Delta R.T.: -0.002 min
Response: 72165857
Conc: 53.21 ng/ml



#11 alpha-Chlordane

R.T.: 5.971 min
Delta R.T.: 0.002 min
Response: 138209827
Conc: 48.96 ng/ml

Instrument :

ECD_L

ClientSampleId :

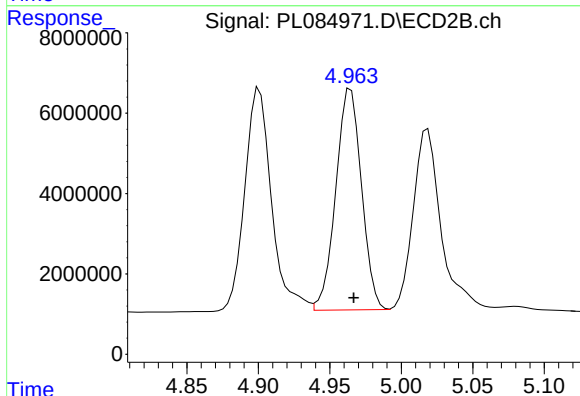
328MSD

Manual Integrations

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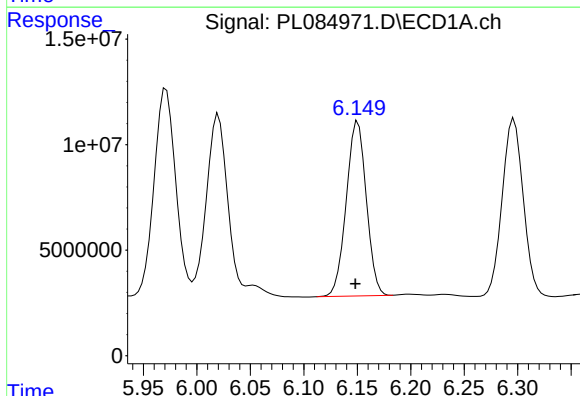
Reviewed By :Abdul Mirza 08/25/2023

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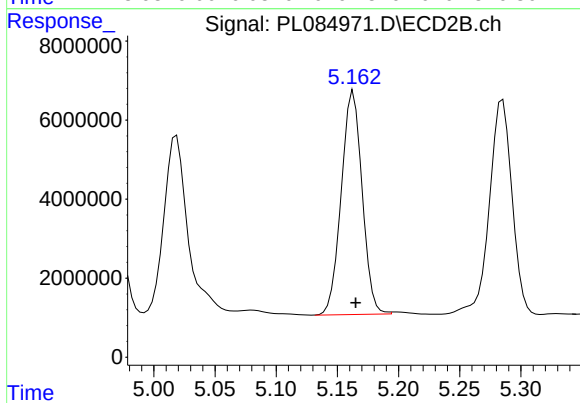
#11 alpha-Chlordane

R.T.: 4.965 min
Delta R.T.: -0.002 min
Response: 69005396
Conc: 50.65 ng/ml



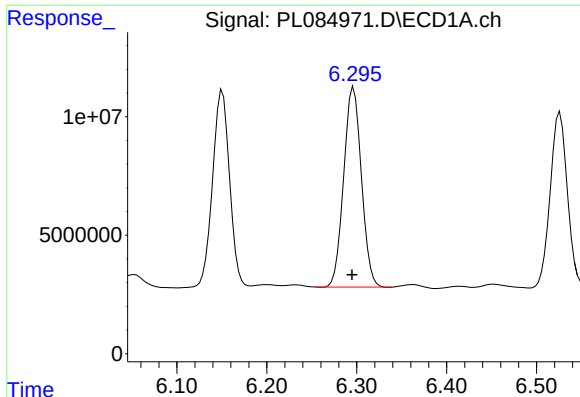
#12 4,4'-DDE

R.T.: 6.151 min
Delta R.T.: 0.002 min
Response: 108190926
Conc: 47.14 ng/ml



#12 4,4'-DDE

R.T.: 5.163 min
Delta R.T.: -0.002 min
Response: 67171314
Conc: 54.55 ng/ml



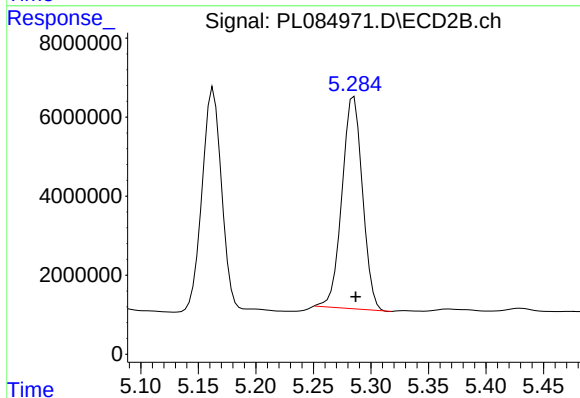
#13 Dieldrin

R.T.: 6.297 min
Delta R.T.: 0.002 min
Response: 115413134
Conc: 43.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
328MSD

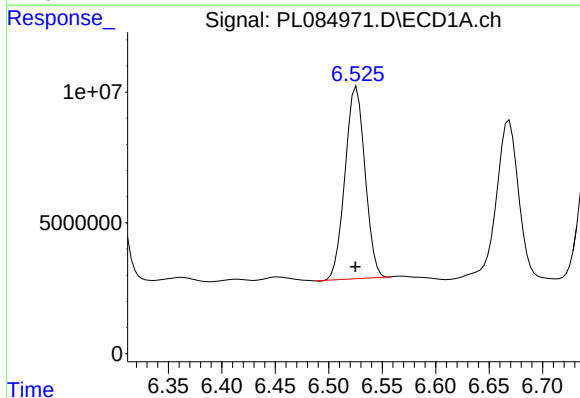
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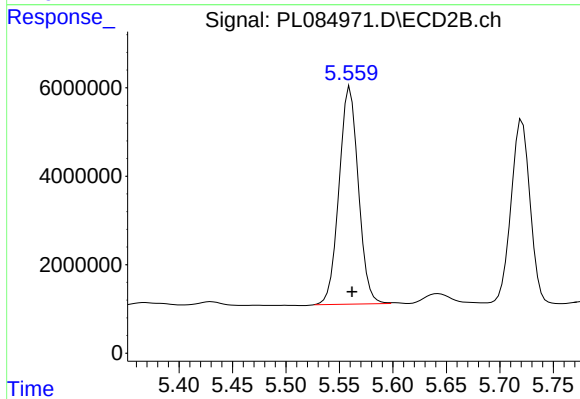
#13 Dieldrin

R.T.: 5.285 min
Delta R.T.: -0.002 min
Response: 66849429
Conc: 49.23 ng/ml



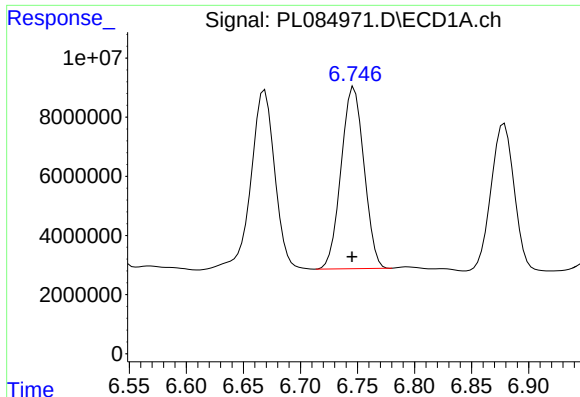
#14 Endrin

R.T.: 6.526 min
Delta R.T.: 0.000 min
Response: 95604707
Conc: 43.84 ng/ml



#14 Endrin

R.T.: 5.560 min
Delta R.T.: -0.002 min
Response: 61730320
Conc: 50.47 ng/ml



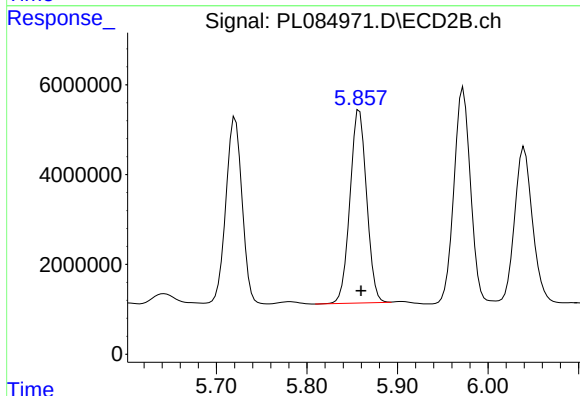
#15 Endosulfan II

R.T.: 6.747 min
Delta R.T.: 0.002 min
Response: 85835010
Conc: 40.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
328MSD

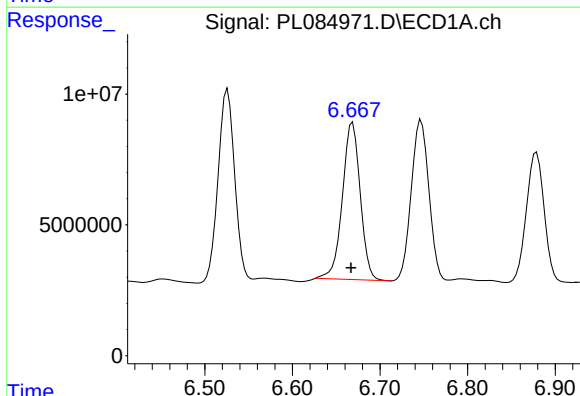
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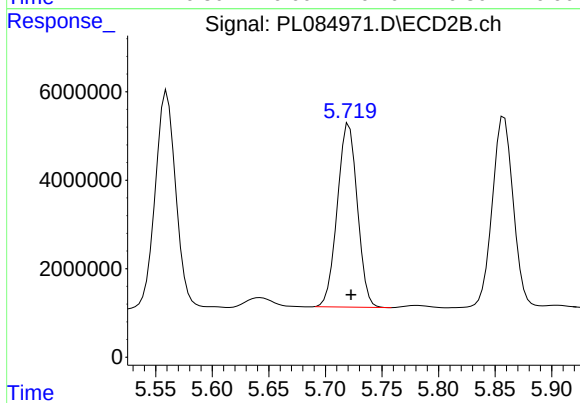
#15 Endosulfan II

R.T.: 5.858 min
Delta R.T.: -0.002 min
Response: 54915793
Conc: 45.51 ng/ml



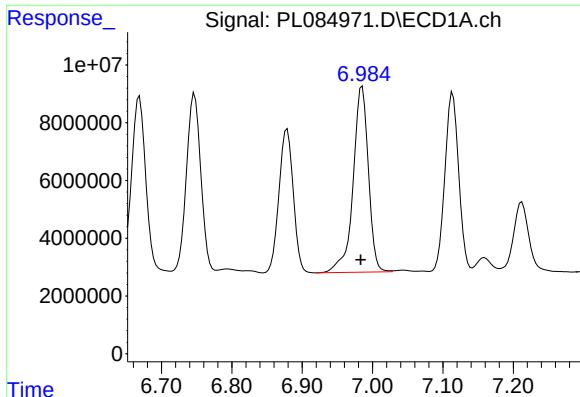
#16 4,4'-DDD

R.T.: 6.669 min
Delta R.T.: 0.002 min
Response: 84976562
Conc: 50.68 ng/ml



#16 4,4'-DDD

R.T.: 5.721 min
Delta R.T.: -0.002 min
Response: 51113879
Conc: 49.47 ng/ml



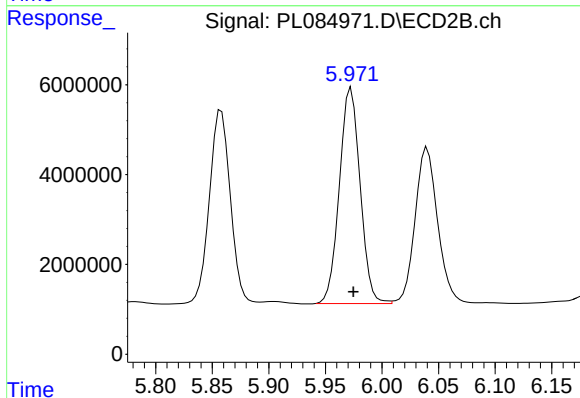
#17 4,4'-DDT

R.T.: 6.985 min
Delta R.T.: 0.002 min
Response: 97339612
Conc: 51.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
328MSD

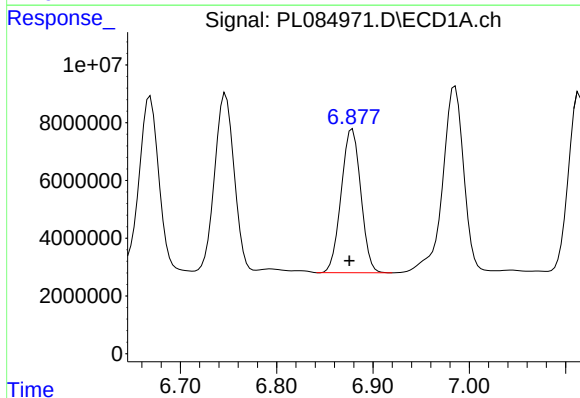
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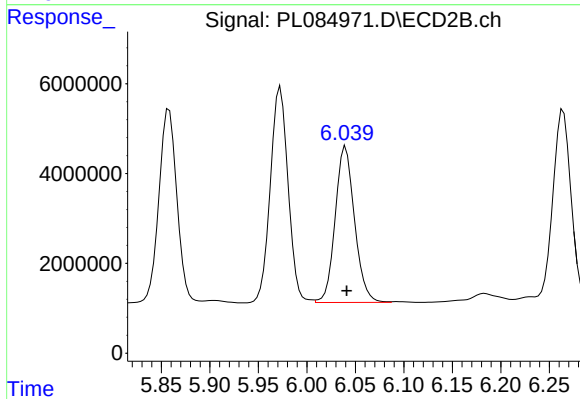
#17 4,4'-DDT

R.T.: 5.973 min
Delta R.T.: -0.002 min
Response: 61340409
Conc: 52.85 ng/ml



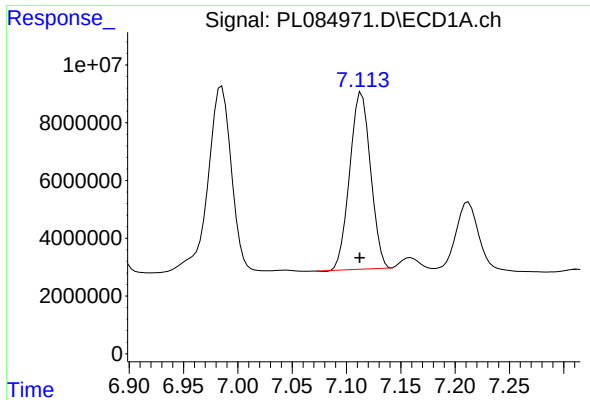
#18 Endrin aldehyde

R.T.: 6.879 min
Delta R.T.: 0.003 min
Response: 70101799
Conc: 41.56 ng/ml



#18 Endrin aldehyde

R.T.: 6.040 min
Delta R.T.: -0.001 min
Response: 48211869
Conc: 48.61 ng/ml



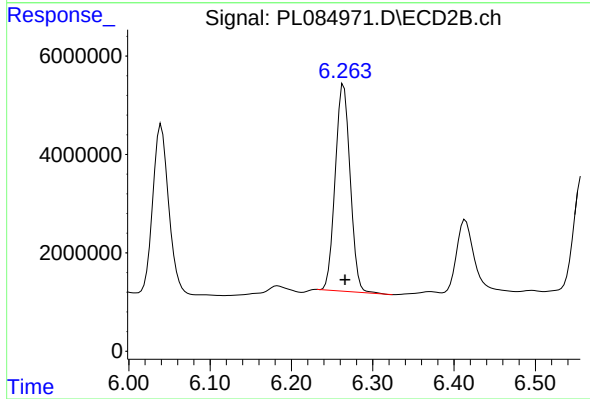
#19 Endosulfan Sulfate

R.T.: 7.114 min
Delta R.T.: 0.002 min
Response: 81703406
Conc: 40.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
328MSD

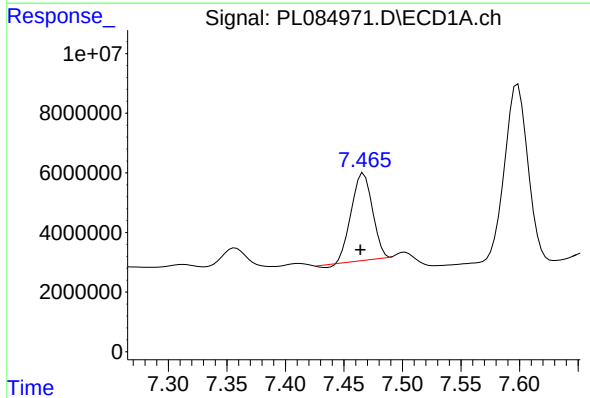
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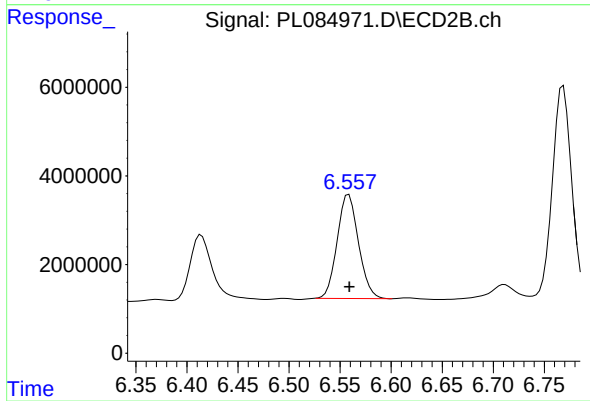
#19 Endosulfan Sulfate

R.T.: 6.264 min
Delta R.T.: -0.002 min
Response: 53675949
Conc: 45.14 ng/ml



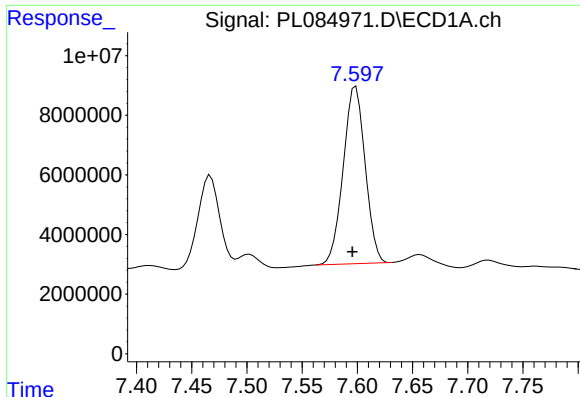
#20 Methoxychlor

R.T.: 7.467 min
Delta R.T.: 0.003 min
Response: 36263959
Conc: 37.79 ng/ml



#20 Methoxychlor

R.T.: 6.559 min
Delta R.T.: 0.000 min
Response: 34131619
Conc: 49.75 ng/ml



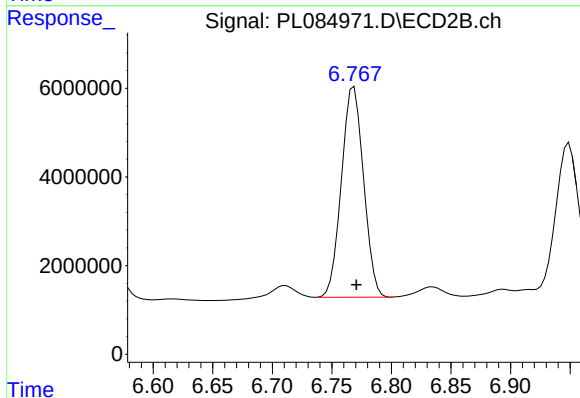
#21 Endrin ketone

R.T.: 7.599 min
Delta R.T.: 0.003 min
Response: 82195588
Conc: 41.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
328MSD

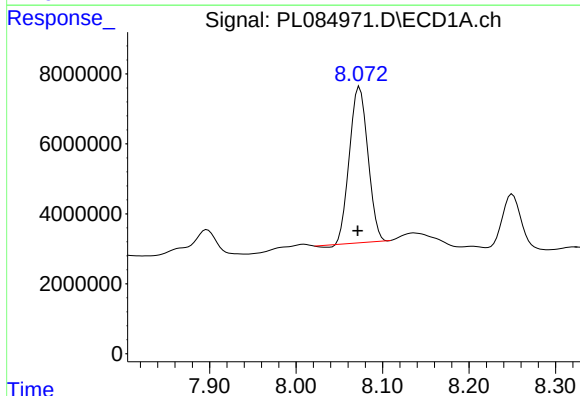
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Supervised By :mohammad ahmed 08/25/2023



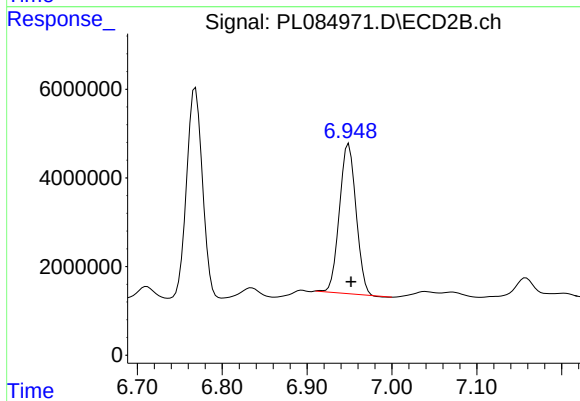
#21 Endrin ketone

R.T.: 6.769 min
Delta R.T.: -0.002 min
Response: 61410111
Conc: 42.56 ng/ml



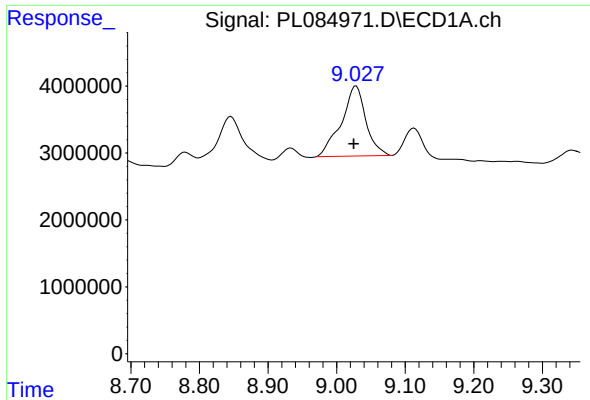
#22 Mirex

R.T.: 8.073 min
Delta R.T.: 0.002 min
Response: 65890251
Conc: 39.67 ng/ml



#22 Mirex

R.T.: 6.949 min
Delta R.T.: -0.003 min
Response: 45963725
Conc: 39.85 ng/ml



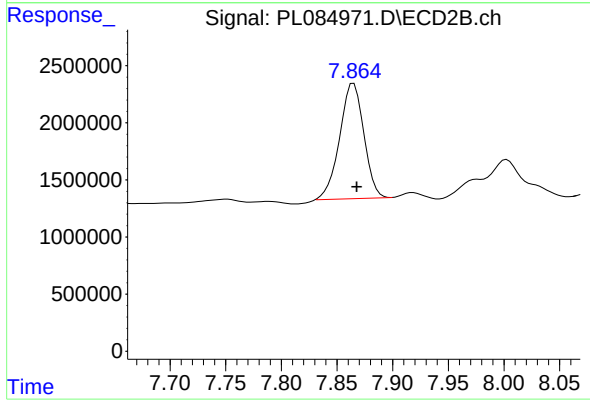
#28 Decachlorobiphenyl

R.T.: 9.028 min
Delta R.T.: 0.004 min
Response: 26114208
Conc: 16.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
328MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#28 Decachlorobiphenyl

R.T.: 7.865 min
Delta R.T.: -0.003 min
Response: 15275596
Conc: 12.25 ng/ml