

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110323\
 Data File : PL086416.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Nov 2023 21:25
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 11/04/2023
 Supervised By : mohammad ahmed 11/06/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 02 23:09:28 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...	3.352	2.618	165.5E6	50316861	52.145	52.854
28) SA Decachlor...	8.850	7.766	130.3E6	54413241	49.277	47.438
Target Compounds						
2) A alpha-BHC	3.806	3.116	248.4E6	70106367	52.634	54.021
3) MA gamma-BHC...	4.138	3.443	240.9E6	70503807	52.870	53.674
4) MA Heptachlor	4.724	3.779	215.1E6	63698917	49.350	49.102
5) MB Aldrin	5.064	4.056	227.2E6	67800159	51.307	53.204
6) B beta-BHC	4.341	3.745	100.7E6	31135275	51.061	54.250
7) B delta-BHC	4.584	3.971	239.0E6	71019896	54.783	56.185
8) B Heptachlo...	5.493	4.560	196.7E6	62591213	50.850	52.354
9) A Endosulfan I	5.876	4.927	172.7E6	59289604	46.979m	49.957
10) B gamma-Chl...	5.749	4.812	195.0E6	63655816	49.139m	53.792
11) B alpha-Chl...	5.828	4.875	191.2E6	64766750	48.036m	51.846
12) B 4,4'-DDE	6.014	5.075	169.0E6	56161854	53.256	56.911
13) MA Dieldrin	6.155	5.194	182.2E6	59594854	47.387	49.905
14) MA Endrin	6.382	5.466	157.4E6	58370305	47.144	52.971
15) B Endosulfa...	6.605	5.764	159.7E6	54973516	49.579	51.001
16) A 4,4'-DDD	6.531	5.630	133.7E6	48876618	56.353m	60.010
17) MA 4,4'-DDT	6.848	5.881	122.8E6	47009951	47.057	49.865
18) B Endrin al...	6.737	5.945	117.7E6	42342076	48.359	50.210
19) B Endosulfa...	6.973	6.170	144.8E6	55079235	46.885	52.243
20) A Methoxychlor	7.333	6.465	65804908	27898589	47.444	47.744
21) B Endrin ke...	7.454	6.672	159.9E6	66064922	50.105	52.971
22) Mirex	7.926	6.848	118.5E6	53338960	43.434	46.622

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110323\
 Data File : PL086416.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Nov 2023 21:25
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

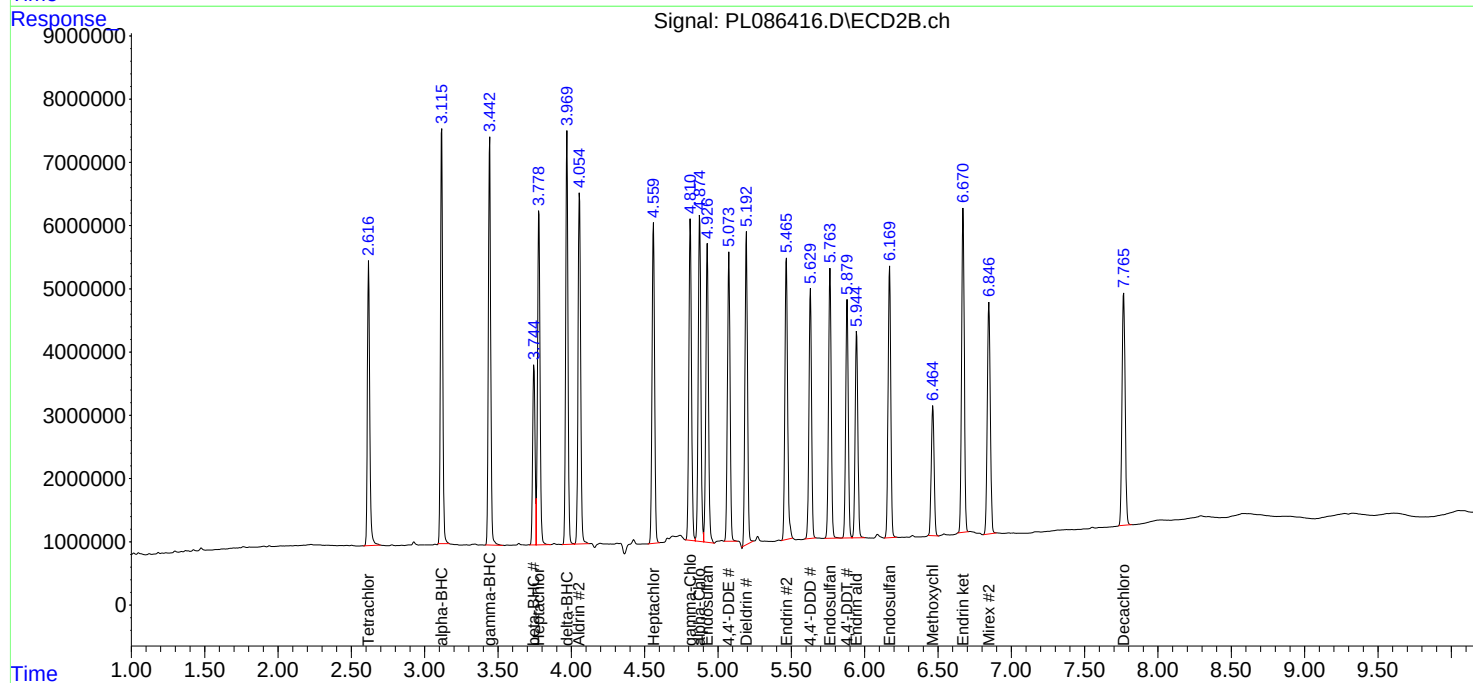
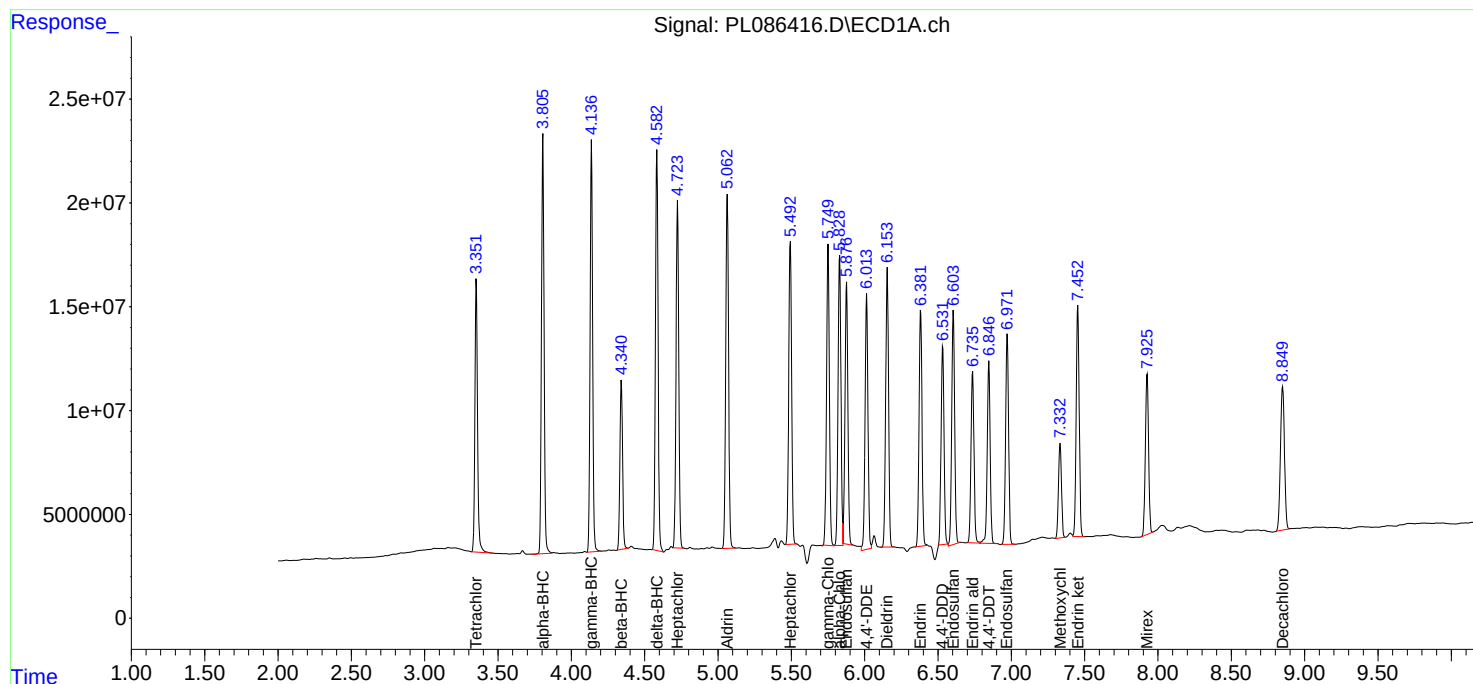
APPROVED

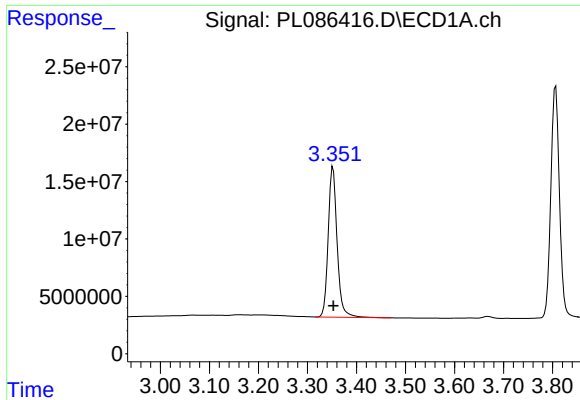
Reviewed By :Abdul Mirza 11/04/2023

Supervised By :mohammad ahmed 11/06/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 02 23:09:28 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





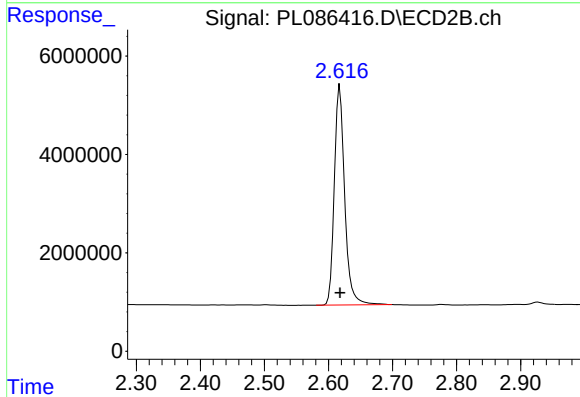
#1 Tetrachloro-m-xylene

R.T.: 3.352 min
Delta R.T.: 0.000 min
Response: 165484593
Conc: 52.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

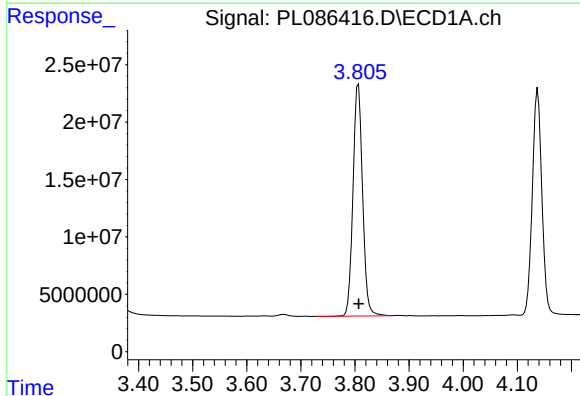
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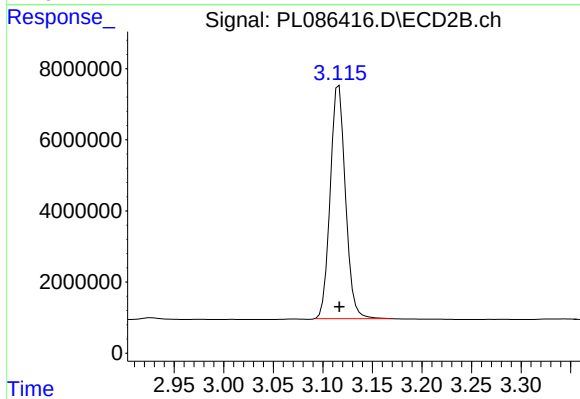
#1 Tetrachloro-m-xylene

R.T.: 2.618 min
Delta R.T.: 0.000 min
Response: 50316861
Conc: 52.85 ng/ml



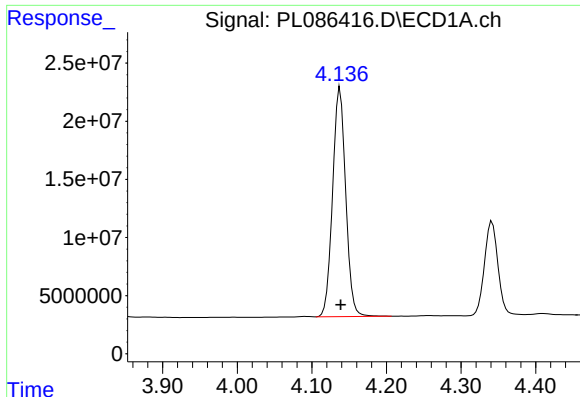
#2 alpha-BHC

R.T.: 3.806 min
Delta R.T.: 0.000 min
Response: 248434670
Conc: 52.63 ng/ml



#2 alpha-BHC

R.T.: 3.116 min
Delta R.T.: 0.000 min
Response: 70106367
Conc: 54.02 ng/ml



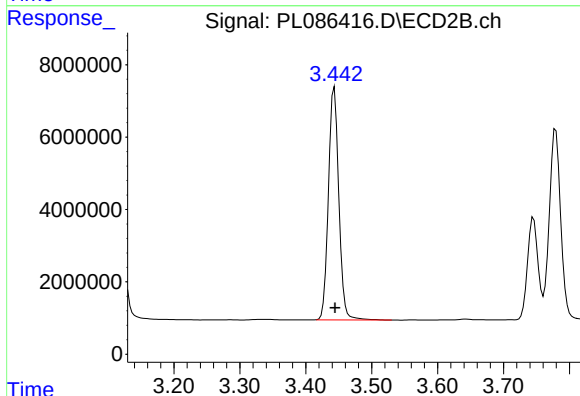
#3 gamma-BHC (Lindane)

R.T.: 4.138 min
Delta R.T.: 0.000 min
Response: 240903015
Conc: 52.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

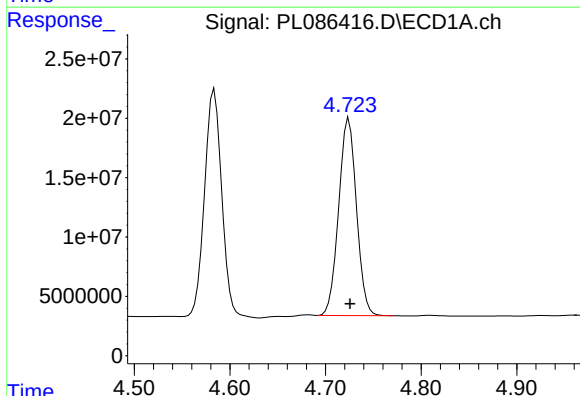
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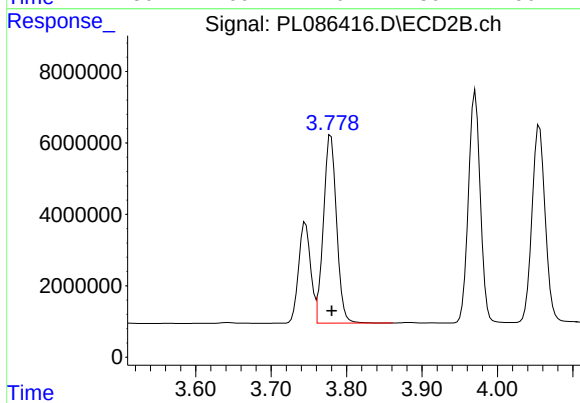
#3 gamma-BHC (Lindane)

R.T.: 3.443 min
Delta R.T.: 0.000 min
Response: 70503807
Conc: 53.67 ng/ml



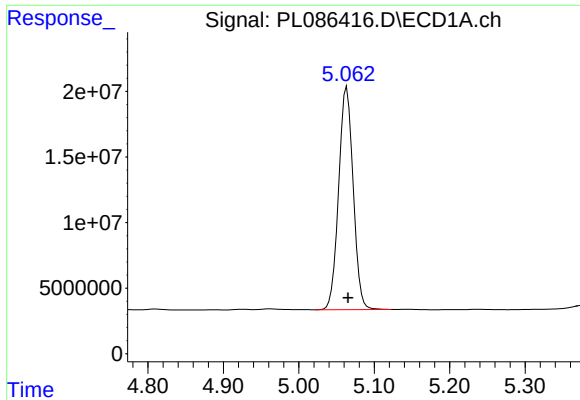
#4 Heptachlor

R.T.: 4.724 min
Delta R.T.: -0.001 min
Response: 215107325
Conc: 49.35 ng/ml



#4 Heptachlor

R.T.: 3.779 min
Delta R.T.: -0.001 min
Response: 63698917
Conc: 49.10 ng/ml



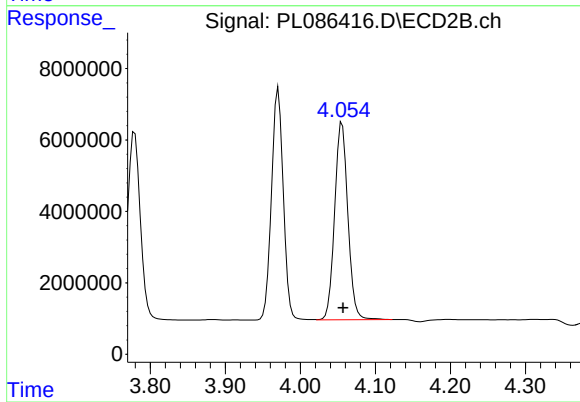
#5 Aldrin

R.T.: 5.064 min
Delta R.T.: -0.002 min
Response: 227219167
Conc: 51.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

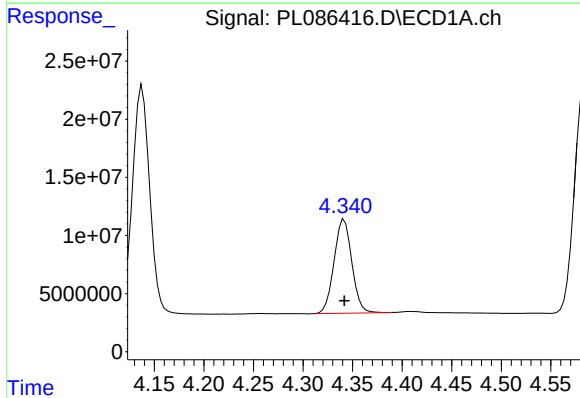
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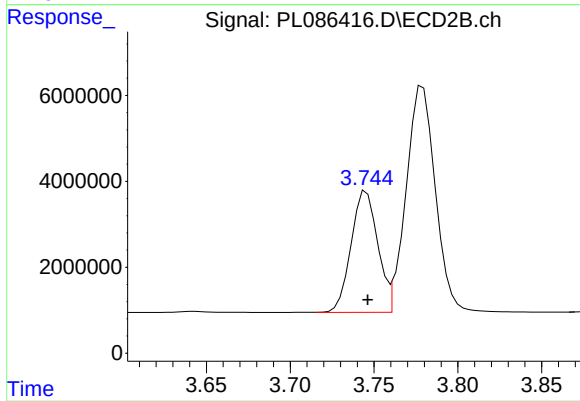
#5 Aldrin

R.T.: 4.056 min
Delta R.T.: -0.001 min
Response: 67800159
Conc: 53.20 ng/ml



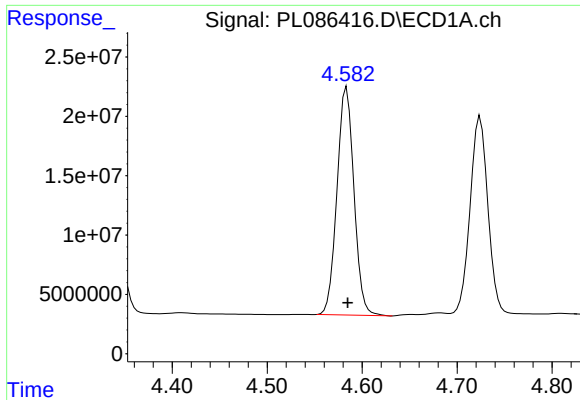
#6 beta-BHC

R.T.: 4.341 min
Delta R.T.: 0.000 min
Response: 100710146
Conc: 51.06 ng/ml



#6 beta-BHC

R.T.: 3.745 min
Delta R.T.: 0.000 min
Response: 31135275
Conc: 54.25 ng/ml



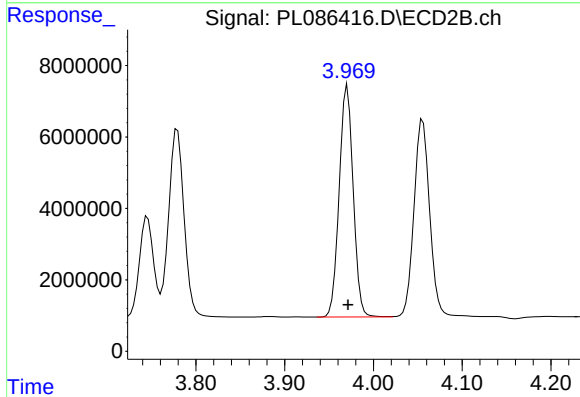
#7 delta-BHC

R.T.: 4.584 min
Delta R.T.: -0.001 min
Response: 239014952
Conc: 54.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

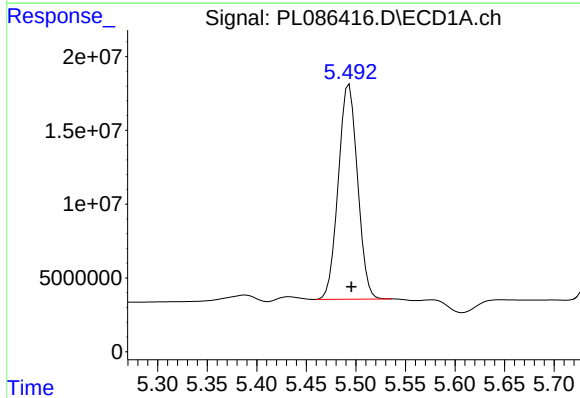
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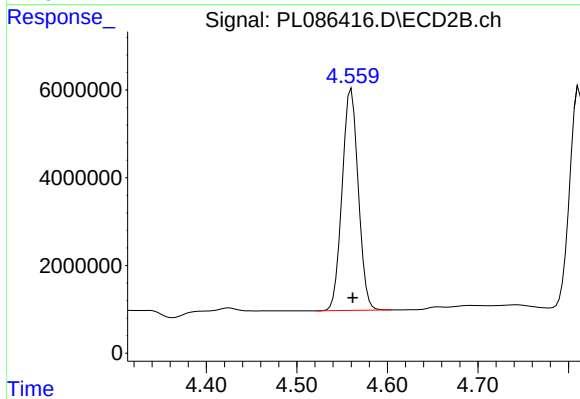
#7 delta-BHC

R.T.: 3.971 min
Delta R.T.: 0.000 min
Response: 71019896
Conc: 56.18 ng/ml



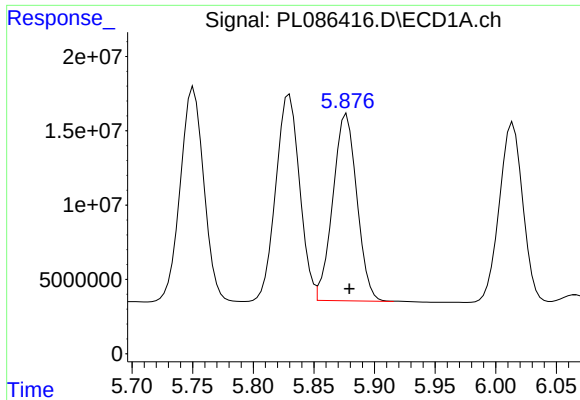
#8 Heptachlor epoxide

R.T.: 5.493 min
Delta R.T.: -0.002 min
Response: 196671013
Conc: 50.85 ng/ml



#8 Heptachlor epoxide

R.T.: 4.560 min
Delta R.T.: -0.002 min
Response: 62591213
Conc: 52.35 ng/ml



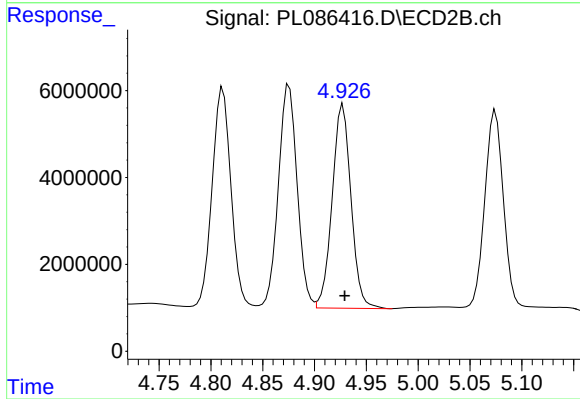
#9 Endosulfan I

R.T.: 5.876 min
Delta R.T.: -0.004 min
Response: 172687995
Conc: 46.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

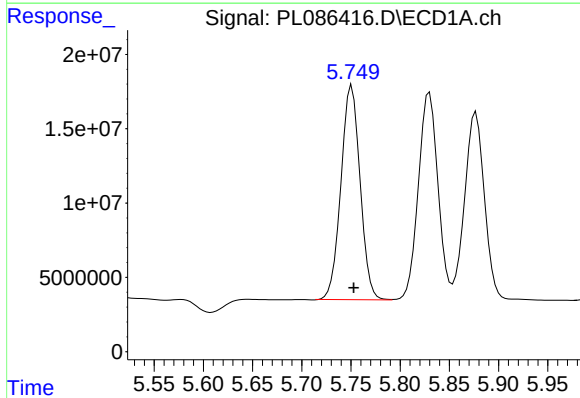
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Supervised By :mohammad ahmed 11/06/2023



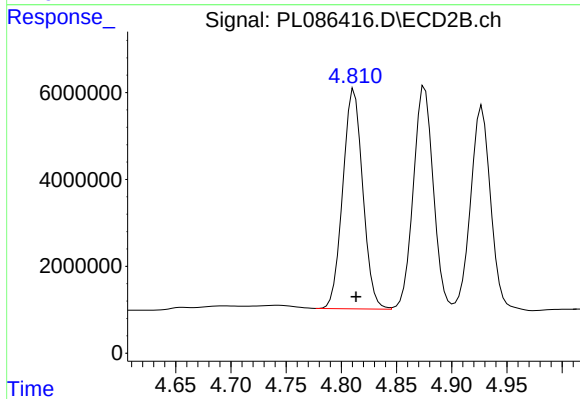
#9 Endosulfan I

R.T.: 4.927 min
Delta R.T.: -0.002 min
Response: 59289604
Conc: 49.96 ng/ml



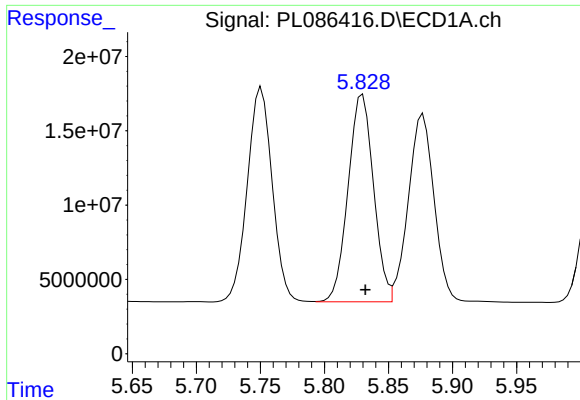
#10 gamma-Chlordane

R.T.: 5.749 min
Delta R.T.: -0.004 min
Response: 194974676
Conc: 49.14 ng/ml m



#10 gamma-Chlordane

R.T.: 4.812 min
Delta R.T.: -0.002 min
Response: 63655816
Conc: 53.79 ng/ml



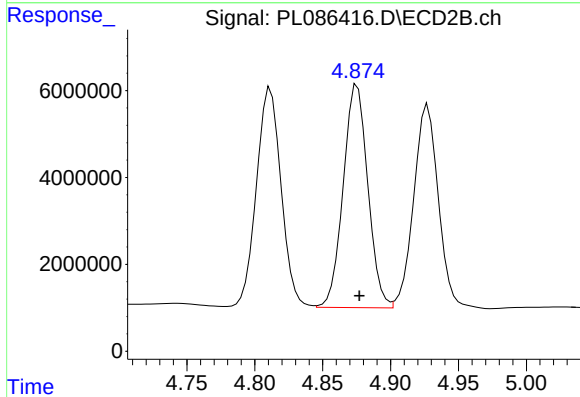
#11 alpha-Chlordane

R.T.: 5.828 min
Delta R.T.: -0.004 min
Response: 191204859
Conc: 48.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

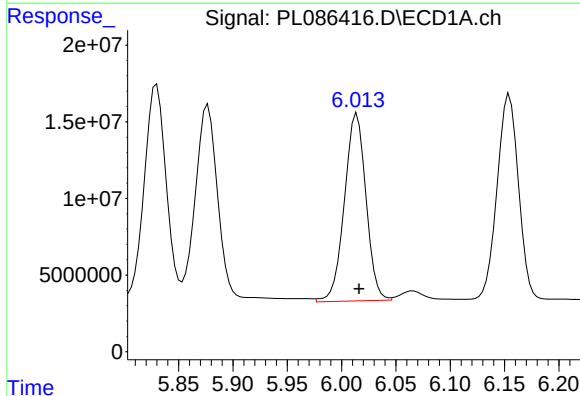
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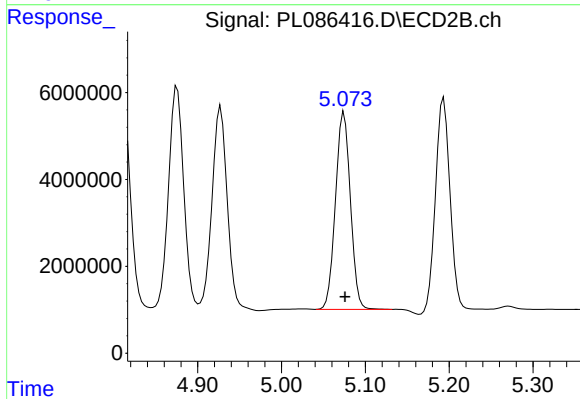
#11 alpha-Chlordane

R.T.: 4.875 min
Delta R.T.: -0.002 min
Response: 64766750
Conc: 51.85 ng/ml



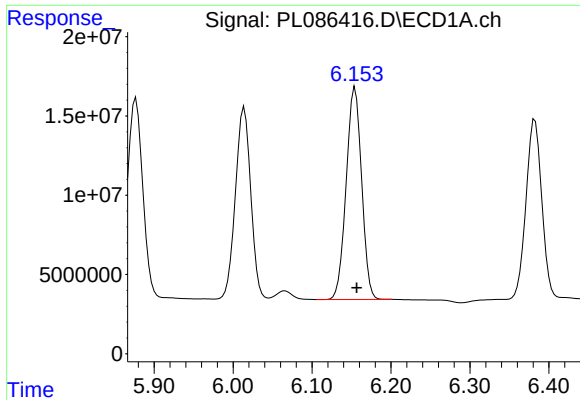
#12 4,4'-DDE

R.T.: 6.014 min
Delta R.T.: -0.002 min
Response: 169012066
Conc: 53.26 ng/ml



#12 4,4'-DDE

R.T.: 5.075 min
Delta R.T.: -0.002 min
Response: 56161854
Conc: 56.91 ng/ml



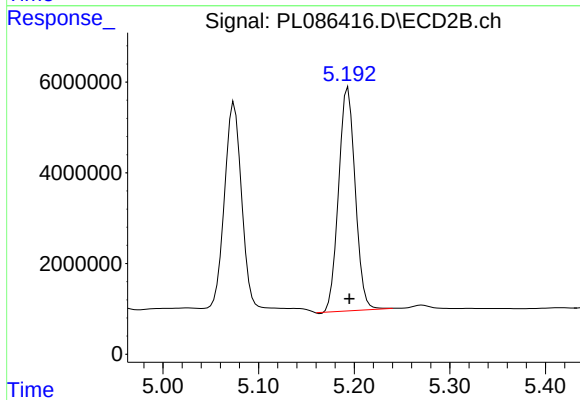
#13 Dieldrin

R.T.: 6.155 min
Delta R.T.: -0.002 min
Response: 182194964
Conc: 47.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

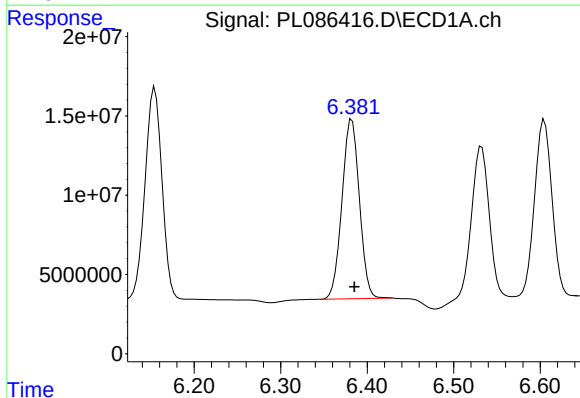
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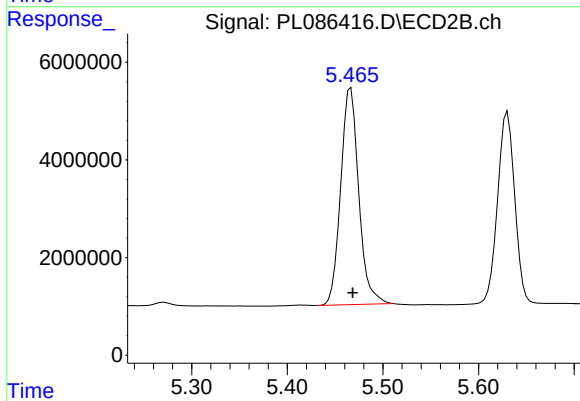
#13 Dieldrin

R.T.: 5.194 min
Delta R.T.: -0.001 min
Response: 59594854
Conc: 49.90 ng/ml



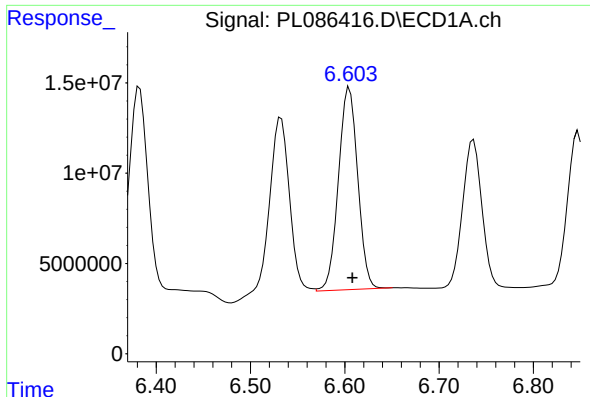
#14 Endrin

R.T.: 6.382 min
Delta R.T.: -0.003 min
Response: 157377086
Conc: 47.14 ng/ml



#14 Endrin

R.T.: 5.466 min
Delta R.T.: -0.002 min
Response: 58370305
Conc: 52.97 ng/ml



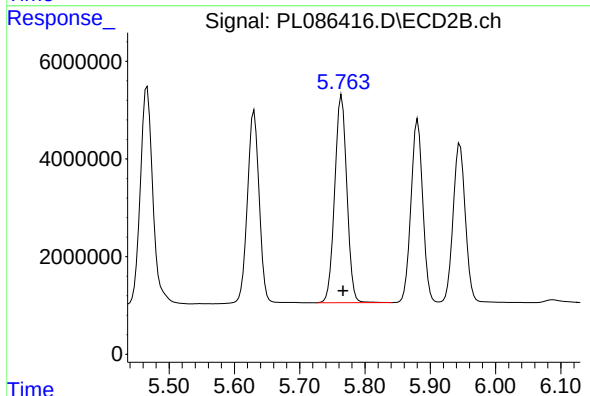
#15 Endosulfan II

R.T.: 6.605 min
Delta R.T.: -0.003 min
Response: 159670182
Conc: 49.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

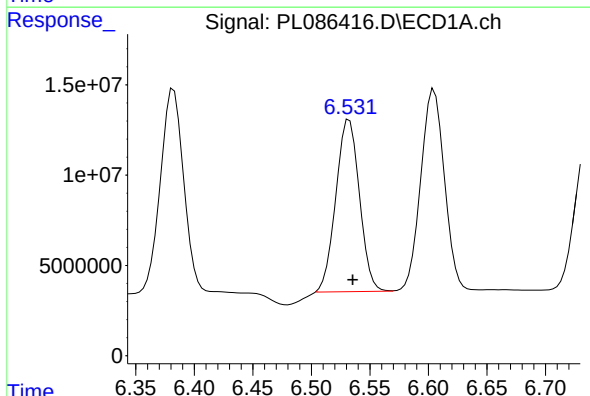
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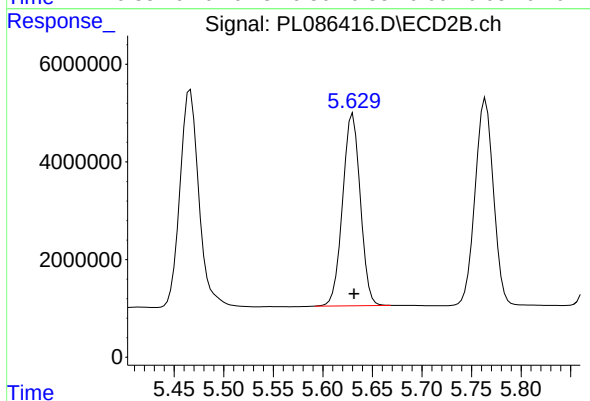
#15 Endosulfan II

R.T.: 5.764 min
Delta R.T.: -0.002 min
Response: 54973516
Conc: 51.00 ng/ml



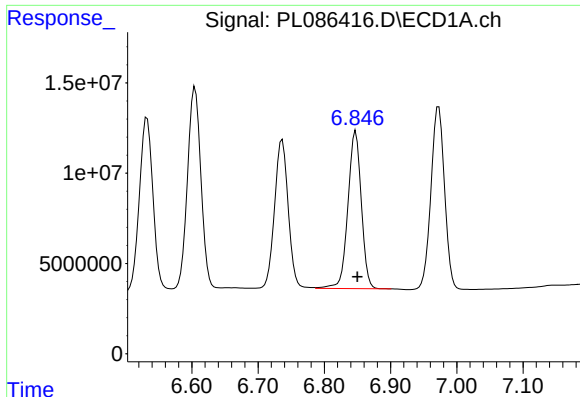
#16 4,4'-DDD

R.T.: 6.531 min
Delta R.T.: -0.004 min
Response: 133657962
Conc: 56.35 ng/ml m



#16 4,4'-DDD

R.T.: 5.630 min
Delta R.T.: -0.001 min
Response: 48876618
Conc: 60.01 ng/ml



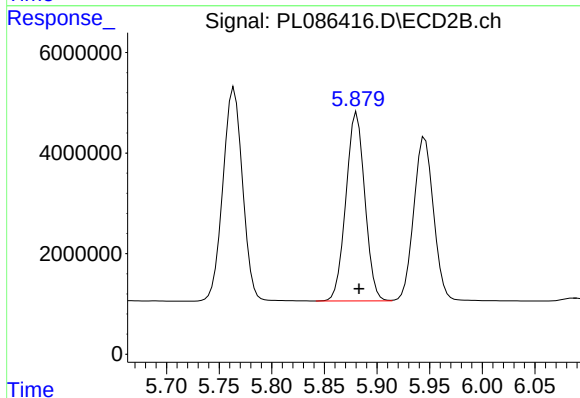
#17 4,4'-DDT

R.T.: 6.848 min
Delta R.T.: -0.003 min
Response: 122767391
Conc: 47.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

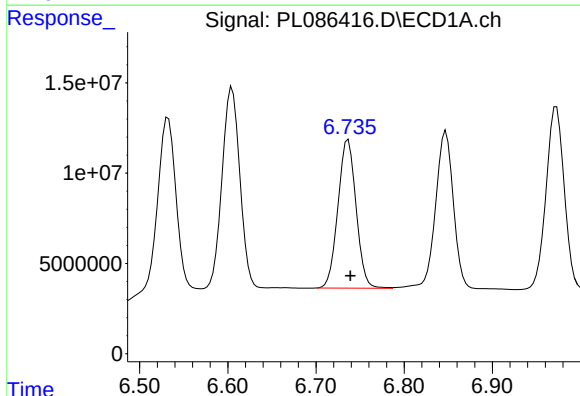
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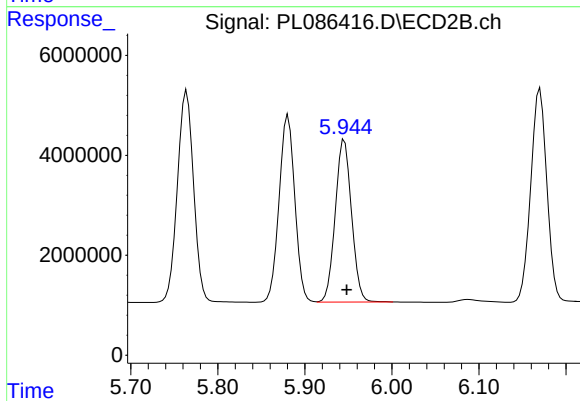
#17 4,4'-DDT

R.T.: 5.881 min
Delta R.T.: -0.002 min
Response: 47009951
Conc: 49.87 ng/ml



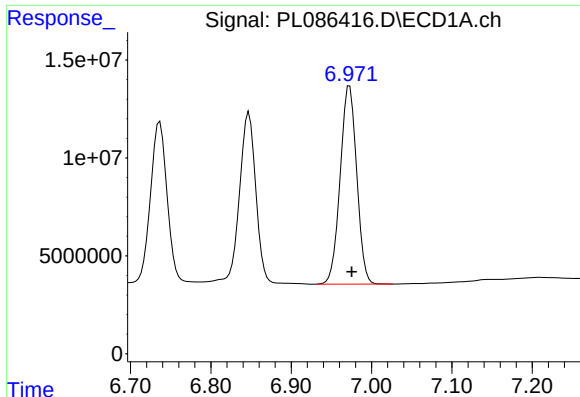
#18 Endrin aldehyde

R.T.: 6.737 min
Delta R.T.: -0.003 min
Response: 117710173
Conc: 48.36 ng/ml



#18 Endrin aldehyde

R.T.: 5.945 min
Delta R.T.: -0.003 min
Response: 42342076
Conc: 50.21 ng/ml



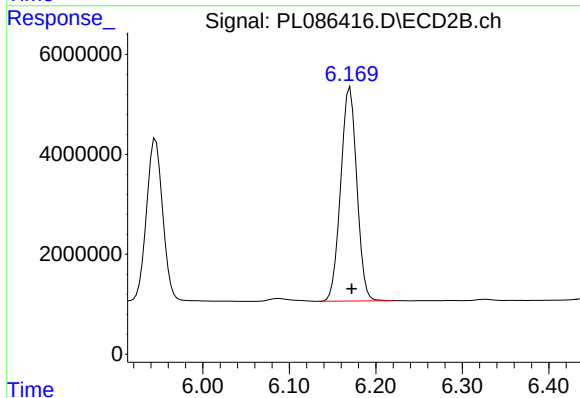
#19 Endosulfan Sulfate

R.T.: 6.973 min
Delta R.T.: -0.002 min
Response: 144779802
Conc: 46.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

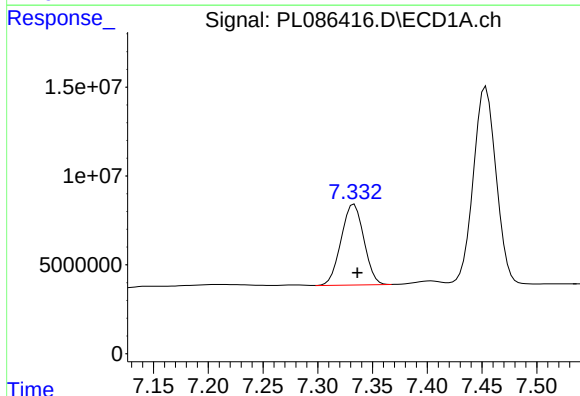
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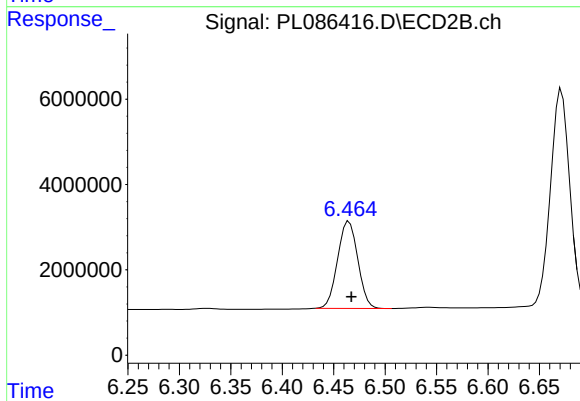
#19 Endosulfan Sulfate

R.T.: 6.170 min
Delta R.T.: -0.002 min
Response: 55079235
Conc: 52.24 ng/ml



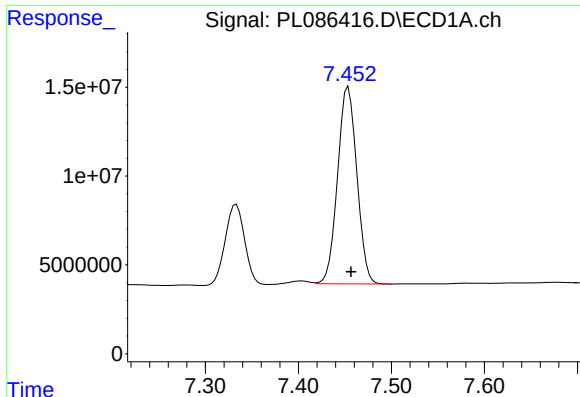
#20 Methoxychlor

R.T.: 7.333 min
Delta R.T.: -0.003 min
Response: 65804908
Conc: 47.44 ng/ml



#20 Methoxychlor

R.T.: 6.465 min
Delta R.T.: -0.002 min
Response: 27898589
Conc: 47.74 ng/ml



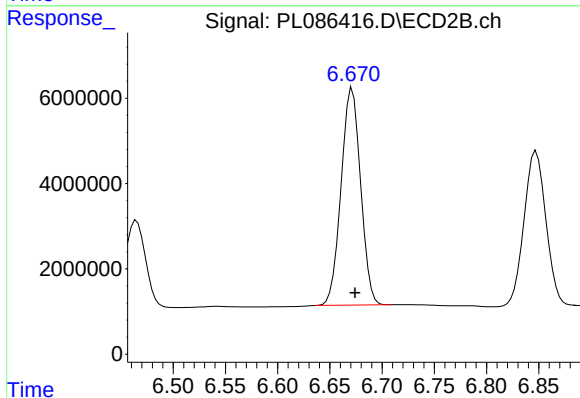
#21 Endrin ketone

R.T.: 7.454 min
Delta R.T.: -0.003 min
Response: 159902726
Conc: 50.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

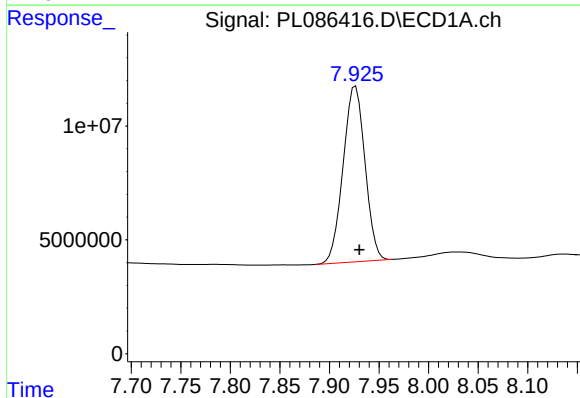
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Reviewed By :Abdul Mirza 11/04/2023
Supervised By :mohammad ahmed 11/06/2023



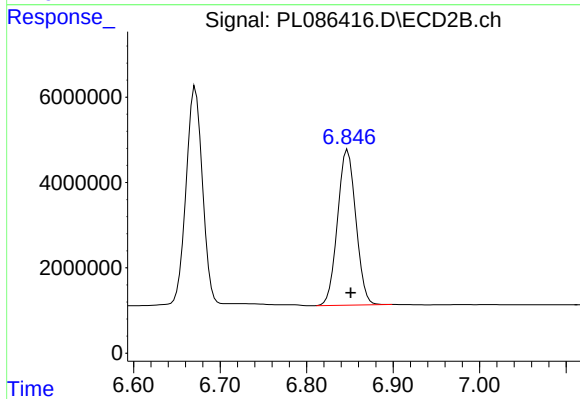
#21 Endrin ketone

R.T.: 6.672 min
Delta R.T.: -0.003 min
Response: 66064922
Conc: 52.97 ng/ml



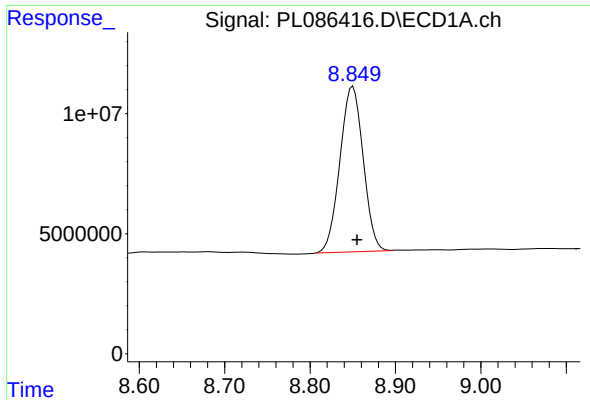
#22 Mirex

R.T.: 7.926 min
Delta R.T.: -0.004 min
Response: 118505009
Conc: 43.43 ng/ml



#22 Mirex

R.T.: 6.848 min
Delta R.T.: -0.003 min
Response: 53338960
Conc: 46.62 ng/ml



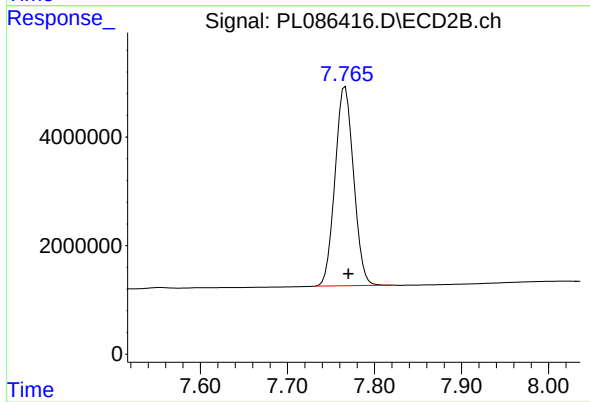
#28 Decachlorobiphenyl

R.T.: 8.850 min
Delta R.T.: -0.005 min
Response: 130328264
Conc: 49.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 11/06/2023



#28 Decachlorobiphenyl

R.T.: 7.766 min
Delta R.T.: -0.003 min
Response: 54413241
Conc: 47.44 ng/ml