

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032525\
 Data File : PL094851.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Mar 2025 19:18
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 99 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/26/2025
 Supervised By : mohammad ahmed 03/27/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 26 02:18:03 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 11 17:42:21 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.536	2.770	145.4E6	203.0E6	51.368	56.871
28)	SA Decachlor...	9.052	7.903	107.3E6	169.7E6	50.893	42.013
Target Compounds							
2)	A alpha-BHC	3.992	3.272	210.3E6	312.1E6	50.643	57.881
3)	MA gamma-BHC...	4.325	3.601	199.1E6	296.0E6	49.900	57.586
4)	MA Heptachlor	4.912	3.939	180.9E6	286.4E6	46.602	54.366
5)	MB Aldrin	5.254	4.218	173.2E6	271.3E6	46.904	55.643
6)	B beta-BHC	4.524	3.902	90044693	126.8E6	48.799	57.065
7)	B delta-BHC	4.771	4.130	195.3E6	291.6E6	50.153	58.307
8)	B Heptachlo...	5.681	4.721	158.5E6	243.4E6	47.385	53.158
9)	A Endosulfan I	6.067	5.090	148.3E6	224.0E6	48.310	51.031
10)	B gamma-Chl...	5.937	4.971	160.6E6	251.2E6	47.677	52.029
11)	B alpha-Chl...	6.017	5.034	158.0E6	245.4E6	47.935	51.411
12)	B 4,4'-DDE	6.190	5.223	154.3E6	255.3E6	52.439	54.925
13)	MA Dieldrin	6.342	5.354	159.0E6	258.2E6	49.720	53.212
14)	MA Endrin	6.570	5.630	125.2E6	224.1E6	45.149m	51.348
15)	B Endosulfa...	6.792	5.925	130.3E6	216.3E6	48.005	49.981
16)	A 4,4'-DDD	6.708	5.778	114.7E6	201.1E6	52.963	55.920
17)	MA 4,4'-DDT	7.022	6.028	116.4E6	205.2E6	48.936	50.887
18)	B Endrin al...	6.922	6.105	97397444	158.0E6	46.138	46.937
19)	B Endosulfa...	7.157	6.327	115.3E6	200.0E6	47.414	49.108
20)	A Methoxychlor	7.498	6.603	61075984	109.2E6	51.021	51.469
21)	B Endrin ke...	7.642	6.832	130.1E6	225.0E6	49.211	47.137
22)	Mirex	8.115	7.012	93416737	168.3E6	45.210	44.346

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032525\
Data File : PL094851.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Mar 2025 19:18
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 99 Sample Multiplier: 1

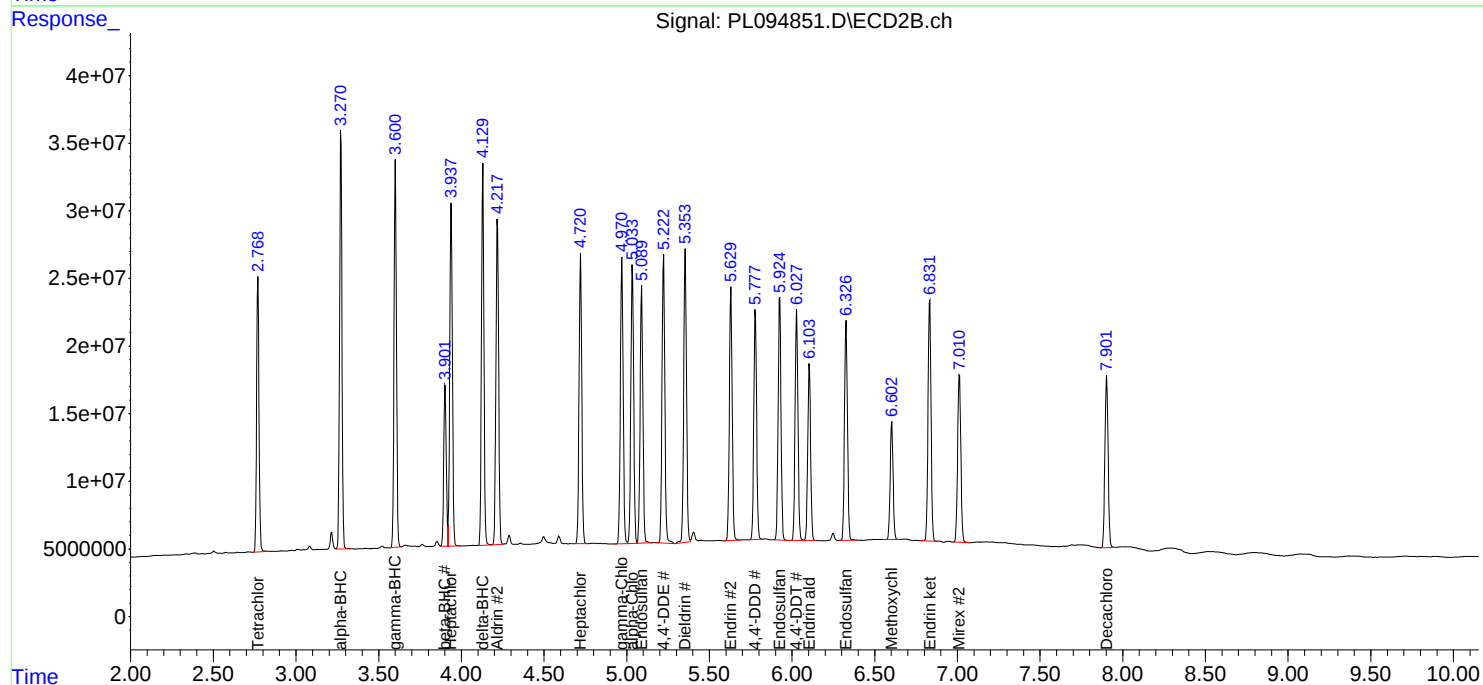
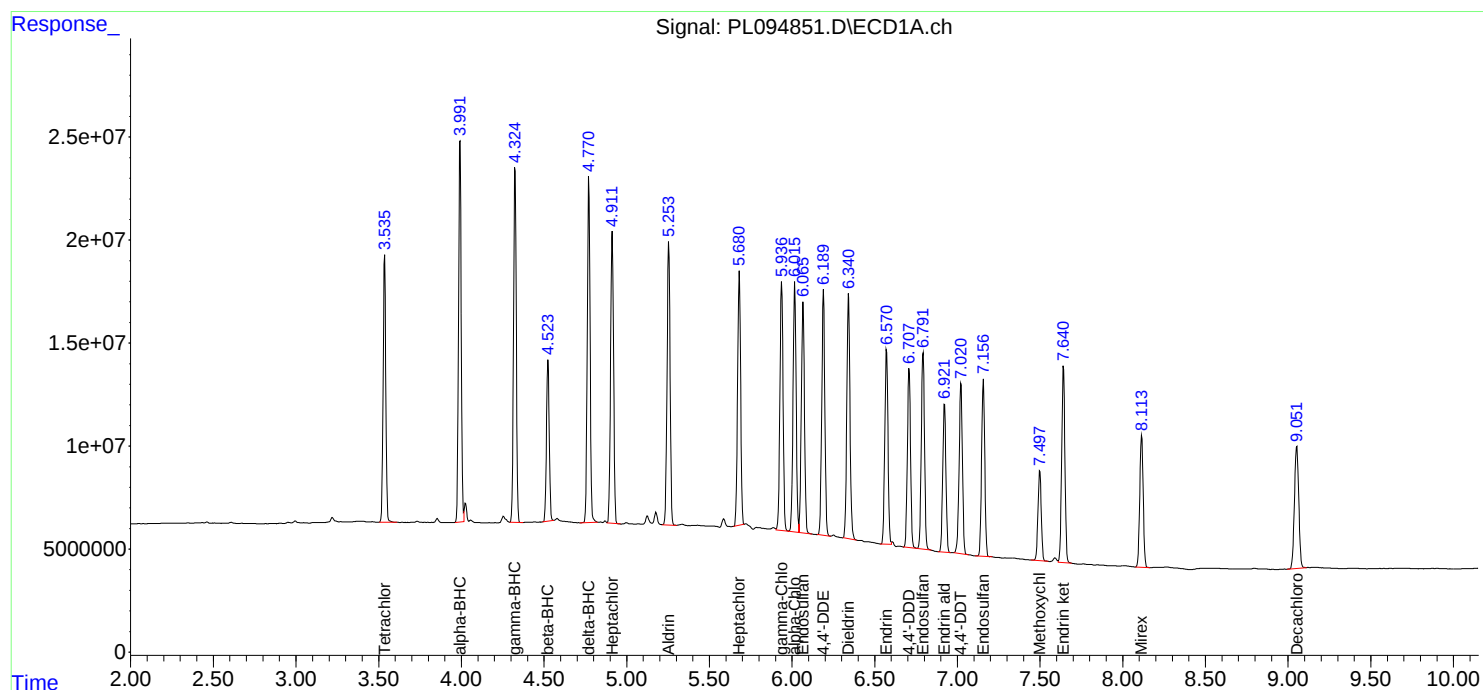
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

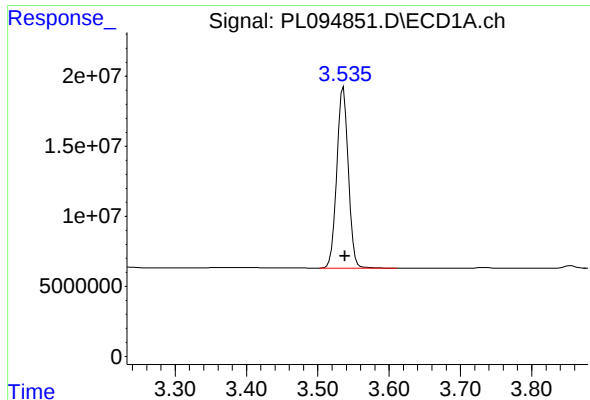
Manual Integrations
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Supervised By : mohammad ahmed 03/27/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 26 02:18:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
Quant Title : GC Extractables
QLast Update : Tue Mar 11 17:42:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





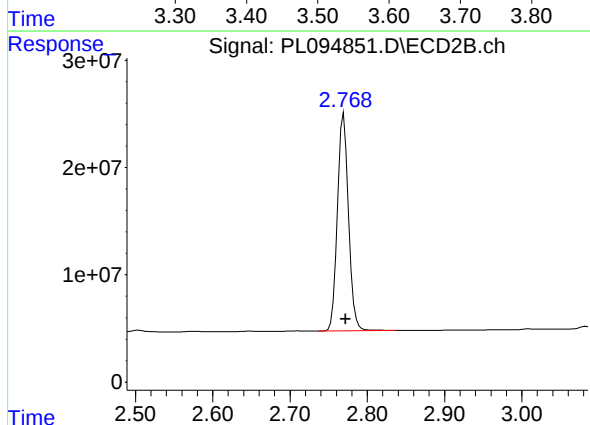
#1 Tetrachloro-m-xylene

R.T.: 3.536 min
Delta R.T.: -0.002 min
Response: 145405533
Conc: 51.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

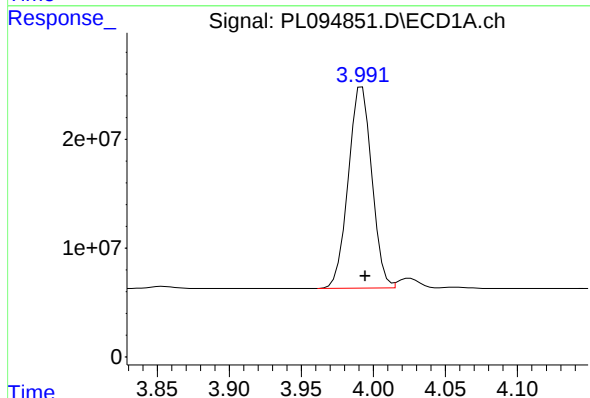
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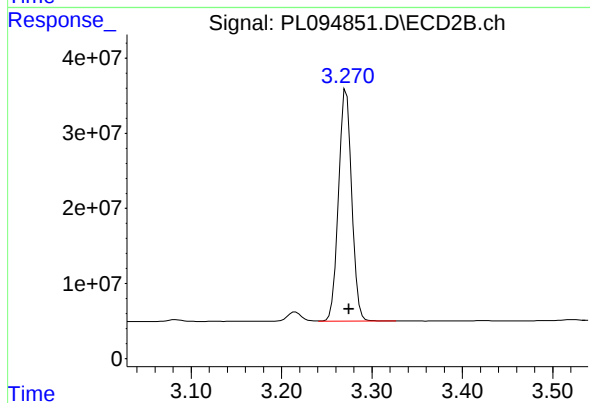
#1 Tetrachloro-m-xylene

R.T.: 2.770 min
Delta R.T.: -0.002 min
Response: 202988443
Conc: 56.87 ng/ml



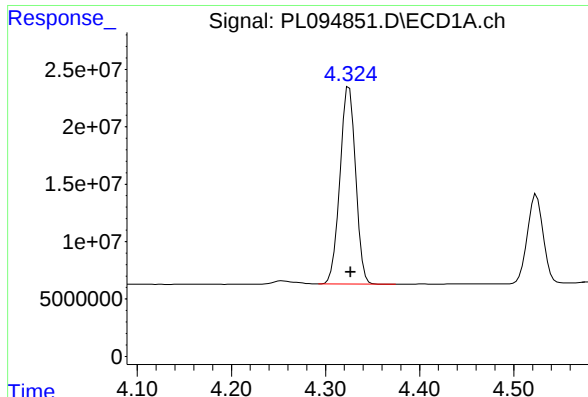
#2 alpha-BHC

R.T.: 3.992 min
Delta R.T.: -0.002 min
Response: 210285132
Conc: 50.64 ng/ml



#2 alpha-BHC

R.T.: 3.272 min
Delta R.T.: -0.003 min
Response: 312059568
Conc: 57.88 ng/ml



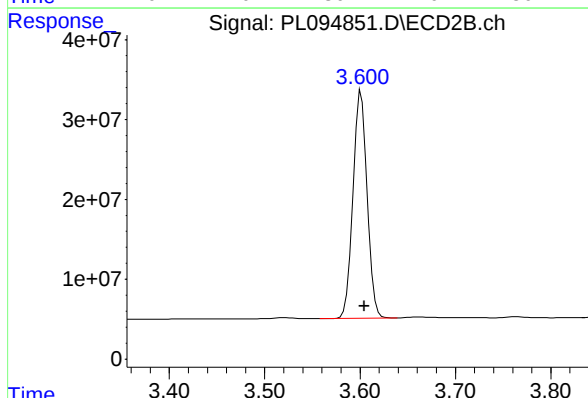
#3 gamma-BHC (Lindane)

R.T.: 4.325 min
Delta R.T.: -0.002 min
Response: 199116130
Conc: 49.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

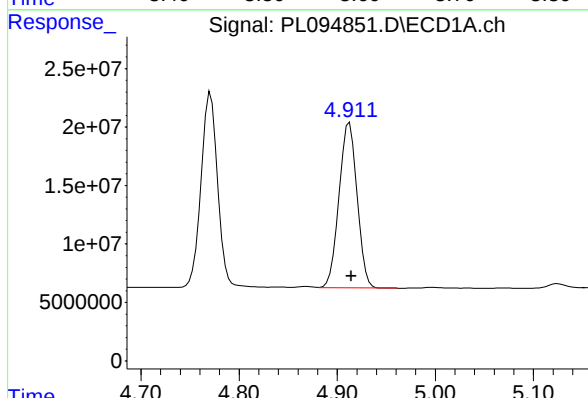
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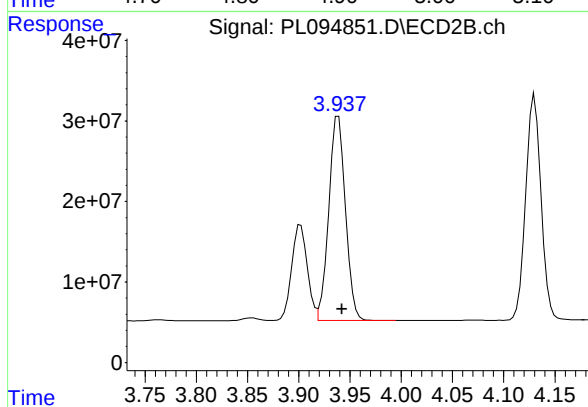
#3 gamma-BHC (Lindane)

R.T.: 3.601 min
Delta R.T.: -0.003 min
Response: 295962348
Conc: 57.59 ng/ml



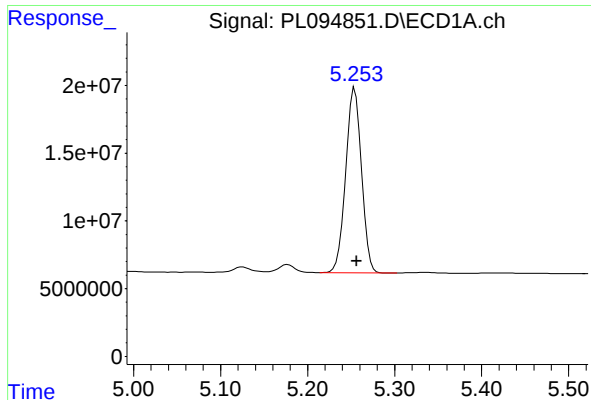
#4 Heptachlor

R.T.: 4.912 min
Delta R.T.: -0.002 min
Response: 180893351
Conc: 46.60 ng/ml



#4 Heptachlor

R.T.: 3.939 min
Delta R.T.: -0.004 min
Response: 286434110
Conc: 54.37 ng/ml



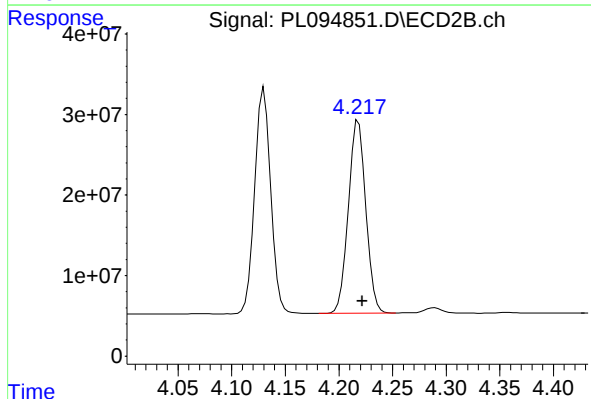
#5 Aldrin

R.T.: 5.254 min
Delta R.T.: -0.002 min
Response: 173178184
Conc: 46.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

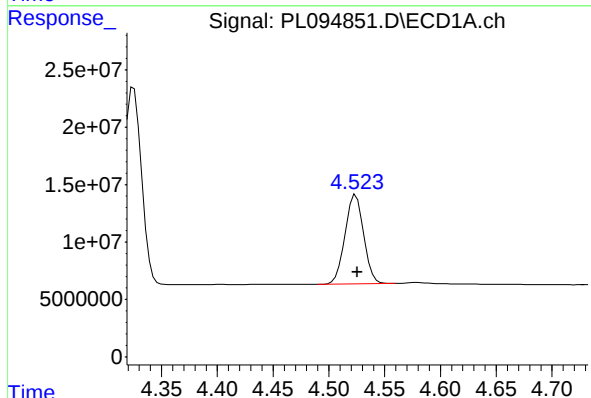
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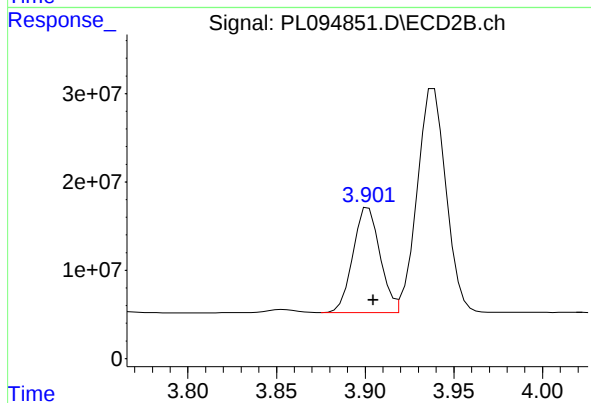
#5 Aldrin

R.T.: 4.218 min
Delta R.T.: -0.003 min
Response: 271333064
Conc: 55.64 ng/ml



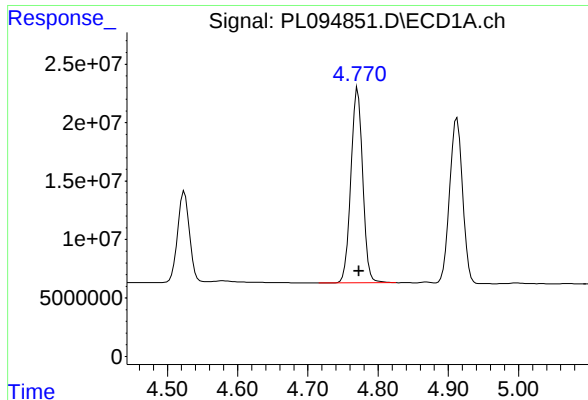
#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: -0.001 min
Response: 90044693
Conc: 48.80 ng/ml



#6 beta-BHC

R.T.: 3.902 min
Delta R.T.: -0.003 min
Response: 126759008
Conc: 57.07 ng/ml



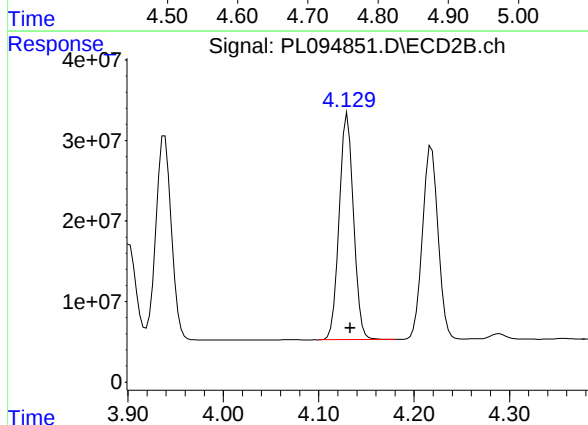
#7 delta-BHC

R.T.: 4.771 min
Delta R.T.: -0.002 min
Response: 195310592
Conc: 50.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

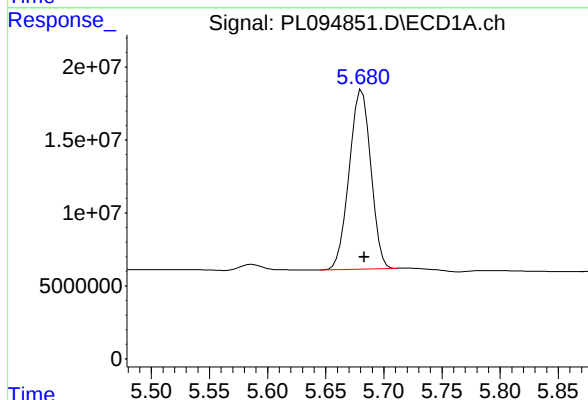
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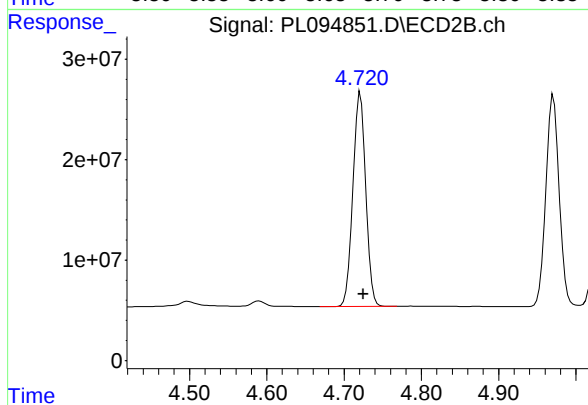
#7 delta-BHC

R.T.: 4.130 min
Delta R.T.: -0.003 min
Response: 291648047
Conc: 58.31 ng/ml



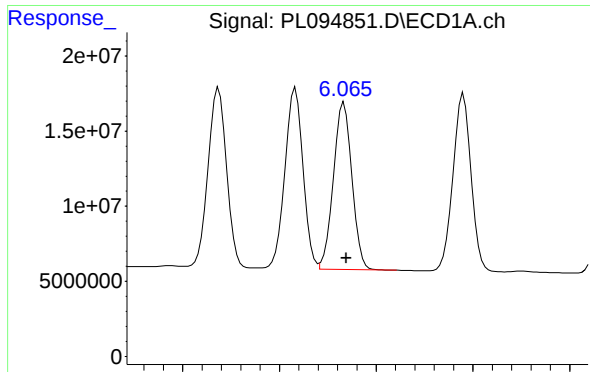
#8 Heptachlor epoxide

R.T.: 5.681 min
Delta R.T.: -0.002 min
Response: 158510918
Conc: 47.38 ng/ml



#8 Heptachlor epoxide

R.T.: 4.721 min
Delta R.T.: -0.004 min
Response: 243389025
Conc: 53.16 ng/ml



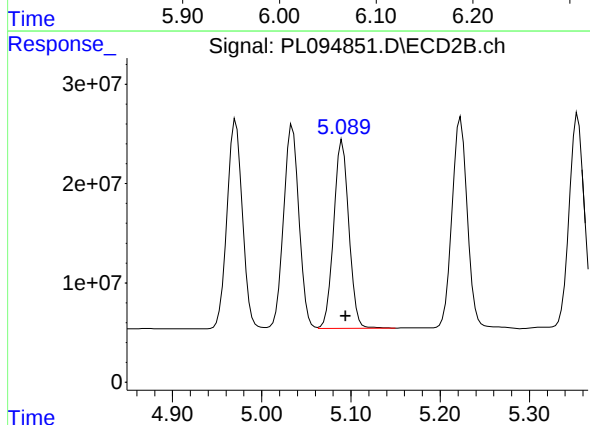
#9 Endosulfan I

R.T.: 6.067 min
Delta R.T.: -0.002 min
Response: 148320841
Conc: 48.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

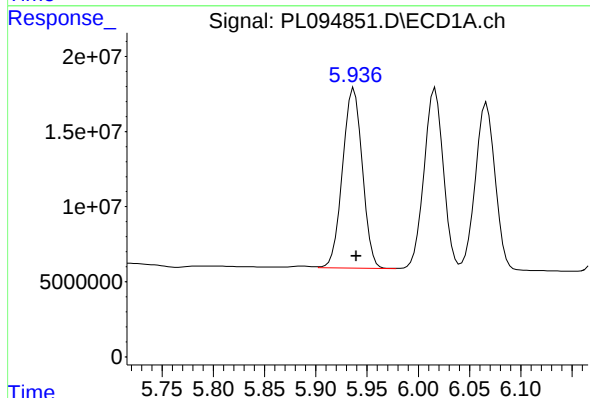
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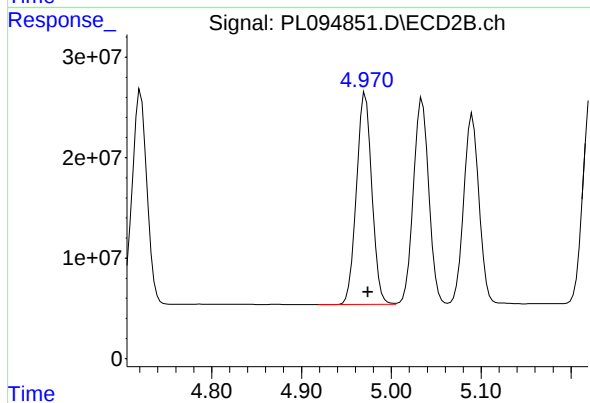
#9 Endosulfan I

R.T.: 5.090 min
Delta R.T.: -0.004 min
Response: 223959987
Conc: 51.03 ng/ml



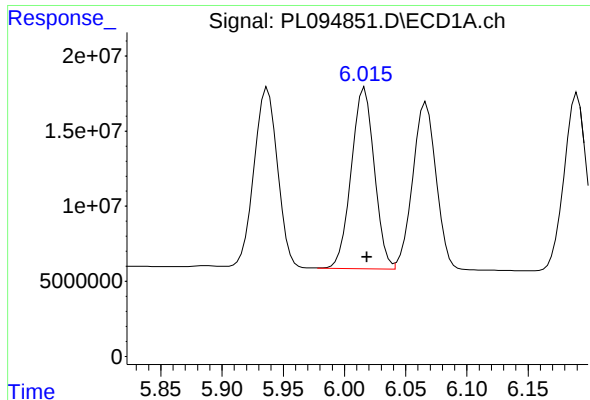
#10 gamma-Chlordane

R.T.: 5.937 min
Delta R.T.: -0.002 min
Response: 160642200
Conc: 47.68 ng/ml



#10 gamma-Chlordane

R.T.: 4.971 min
Delta R.T.: -0.003 min
Response: 251215805
Conc: 52.03 ng/ml



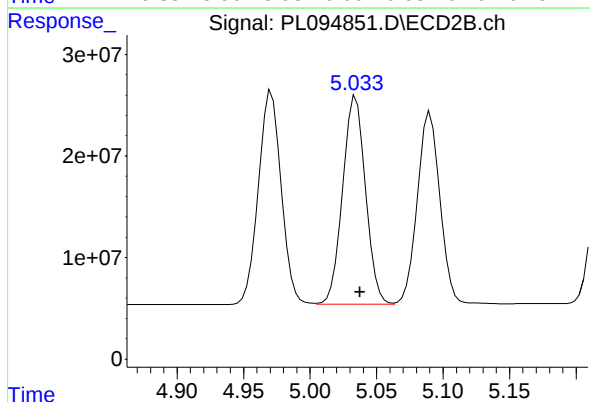
#11 alpha-Chlordane

R.T.: 6.017 min
Delta R.T.: -0.002 min
Response: 158033553
Conc: 47.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

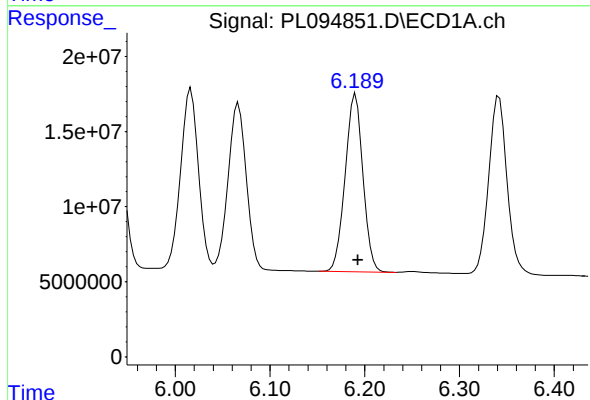
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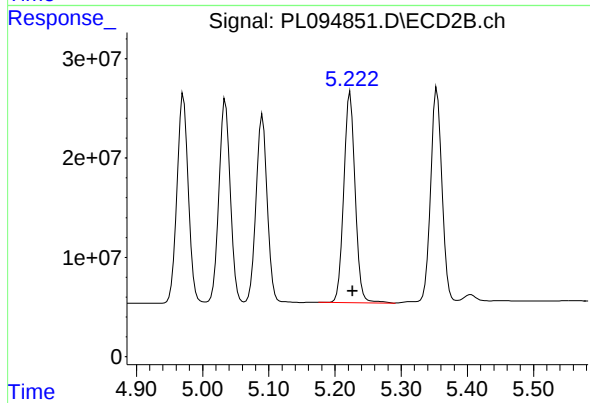
#11 alpha-Chlordane

R.T.: 5.034 min
Delta R.T.: -0.003 min
Response: 245373802
Conc: 51.41 ng/ml



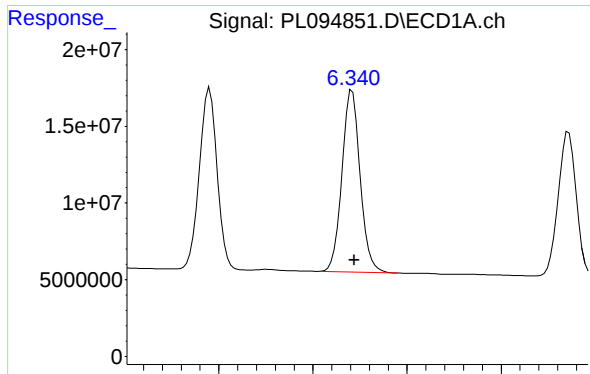
#12 4,4'-DDE

R.T.: 6.190 min
Delta R.T.: -0.003 min
Response: 154278521
Conc: 52.44 ng/ml



#12 4,4'-DDE

R.T.: 5.223 min
Delta R.T.: -0.004 min
Response: 255322274
Conc: 54.93 ng/ml



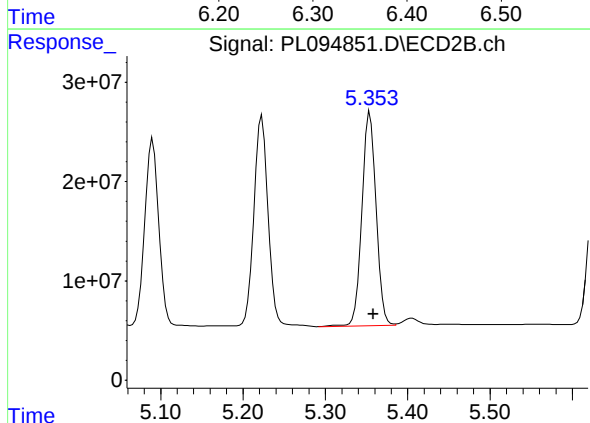
#13 Dieldrin

R.T.: 6.342 min
Delta R.T.: -0.002 min
Response: 159010331
Conc: 49.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

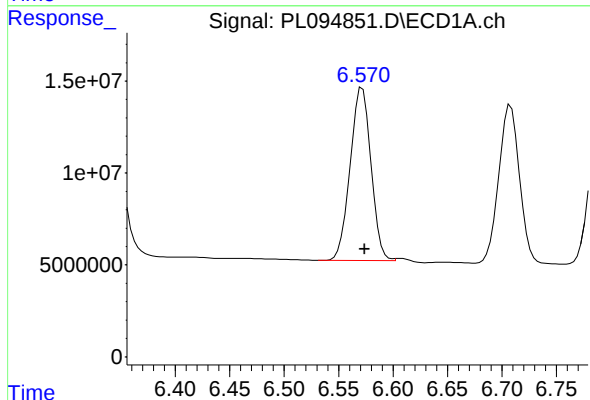
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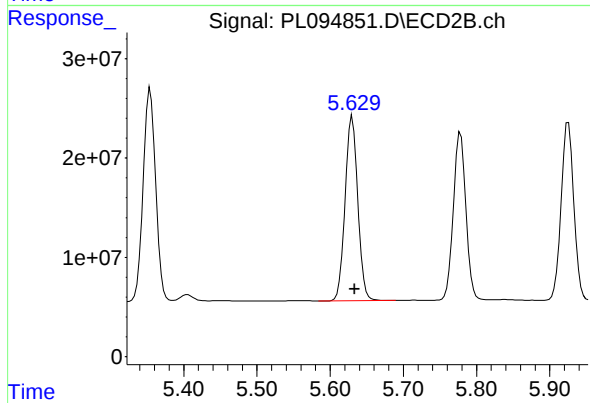
#13 Dieldrin

R.T.: 5.354 min
Delta R.T.: -0.004 min
Response: 258176410
Conc: 53.21 ng/ml



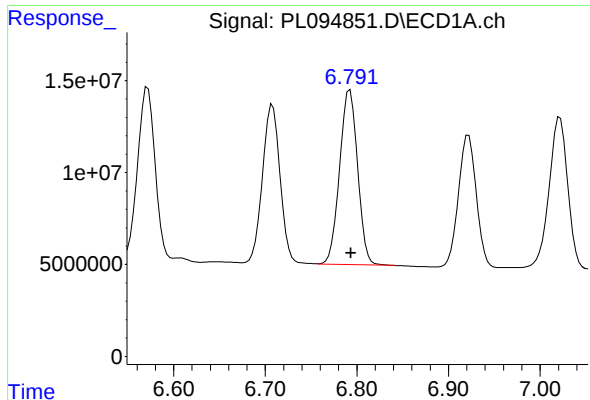
#14 Endrin

R.T.: 6.570 min
Delta R.T.: -0.003 min
Response: 125156637
Conc: 45.15 ng/ml m



#14 Endrin

R.T.: 5.630 min
Delta R.T.: -0.003 min
Response: 224062800
Conc: 51.35 ng/ml



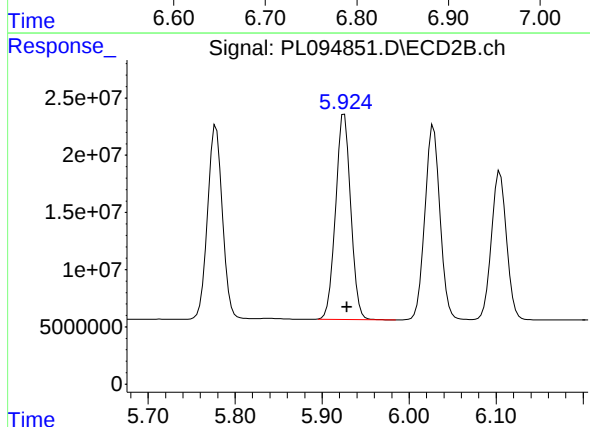
#15 Endosulfan II

R.T.: 6.792 min
Delta R.T.: -0.001 min
Response: 130321626
Conc: 48.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

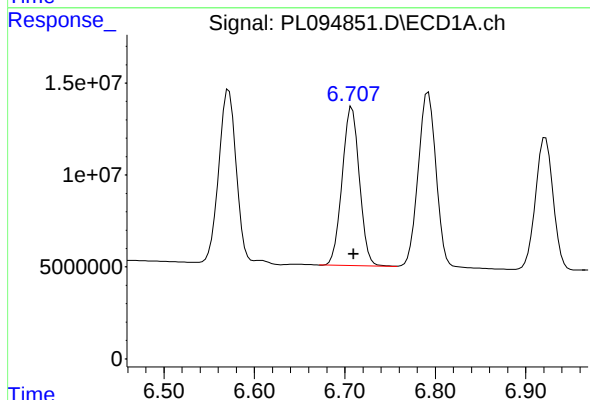
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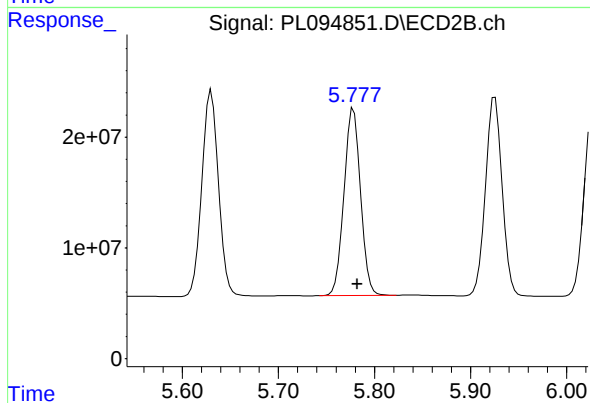
#15 Endosulfan II

R.T.: 5.925 min
Delta R.T.: -0.003 min
Response: 216331004
Conc: 49.98 ng/ml



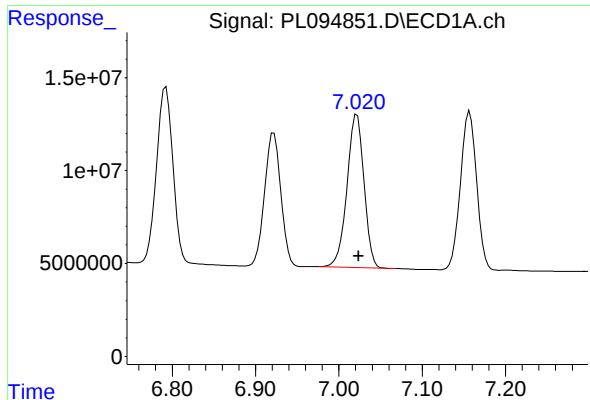
#16 4,4'-DDD

R.T.: 6.708 min
Delta R.T.: -0.002 min
Response: 114722359
Conc: 52.96 ng/ml



#16 4,4'-DDD

R.T.: 5.778 min
Delta R.T.: -0.004 min
Response: 201082663
Conc: 55.92 ng/ml



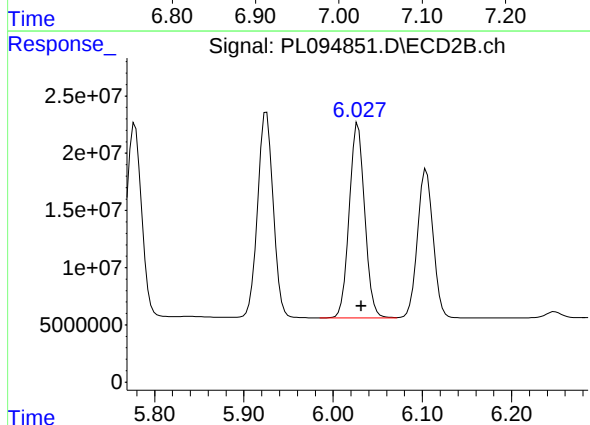
#17 4,4'-DDT

R.T.: 7.022 min
Delta R.T.: -0.002 min
Response: 116397021
Conc: 48.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

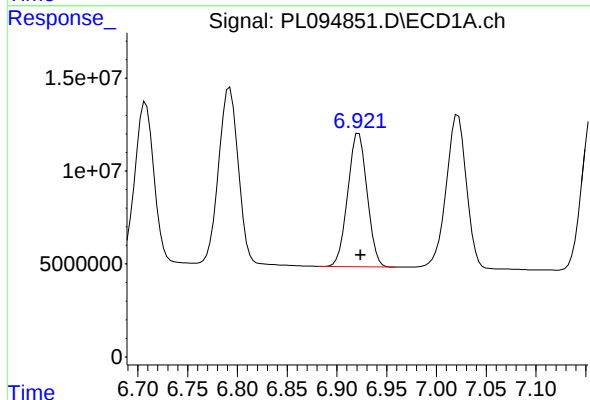
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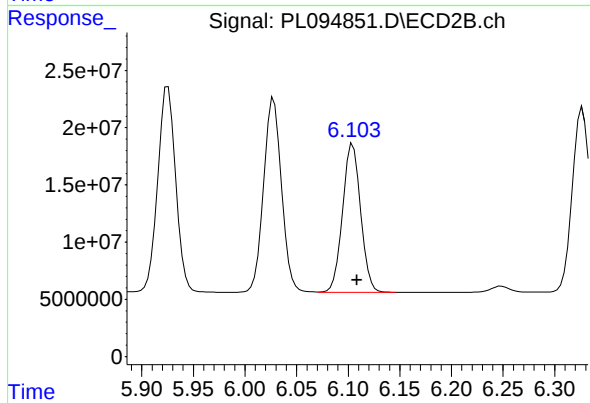
#17 4,4'-DDT

R.T.: 6.028 min
Delta R.T.: -0.004 min
Response: 205182920
Conc: 50.89 ng/ml



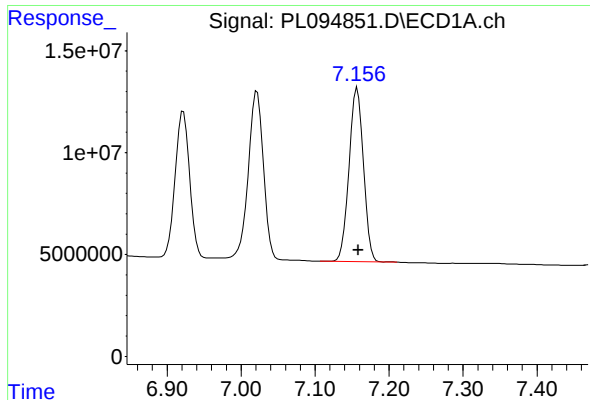
#18 Endrin aldehyde

R.T.: 6.922 min
Delta R.T.: -0.002 min
Response: 97397444
Conc: 46.14 ng/ml



#18 Endrin aldehyde

R.T.: 6.105 min
Delta R.T.: -0.004 min
Response: 157960407
Conc: 46.94 ng/ml



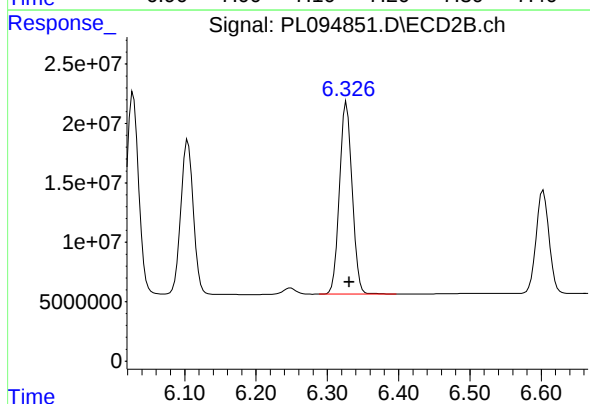
#19 Endosulfan Sulfate

R.T.: 7.157 min
Delta R.T.: -0.002 min
Response: 115312388
Conc: 47.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

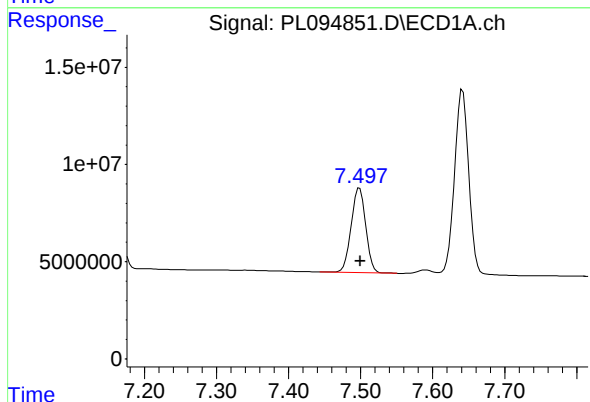
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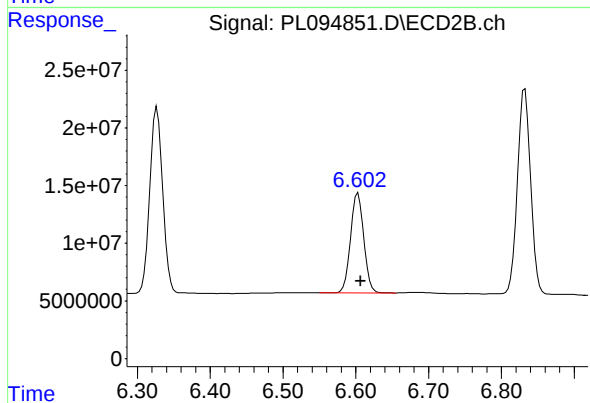
#19 Endosulfan Sulfate

R.T.: 6.327 min
Delta R.T.: -0.004 min
Response: 200036332
Conc: 49.11 ng/ml



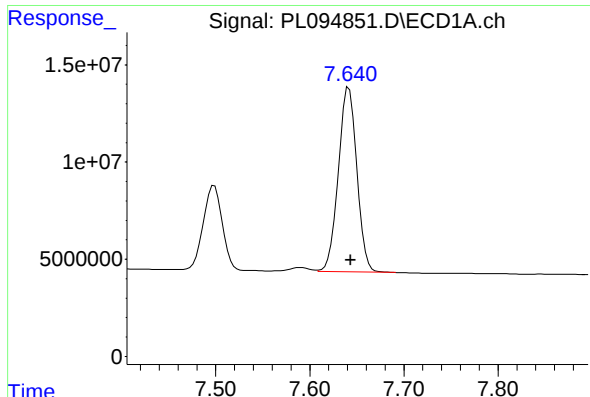
#20 Methoxychlor

R.T.: 7.498 min
Delta R.T.: -0.001 min
Response: 61075984
Conc: 51.02 ng/ml



#20 Methoxychlor

R.T.: 6.603 min
Delta R.T.: -0.004 min
Response: 109169309
Conc: 51.47 ng/ml



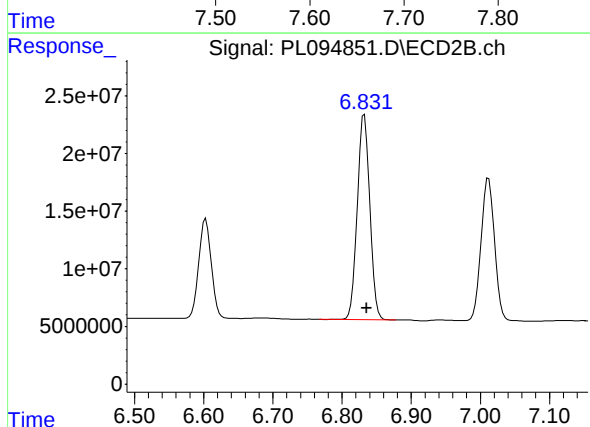
#21 Endrin ketone

R.T.: 7.642 min
Delta R.T.: -0.002 min
Response: 130077241
Conc: 49.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

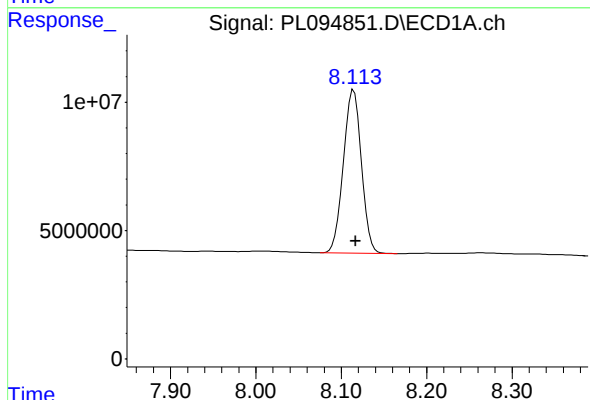
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/26/2025
Supervised By :mohammad ahmed 03/27/2025



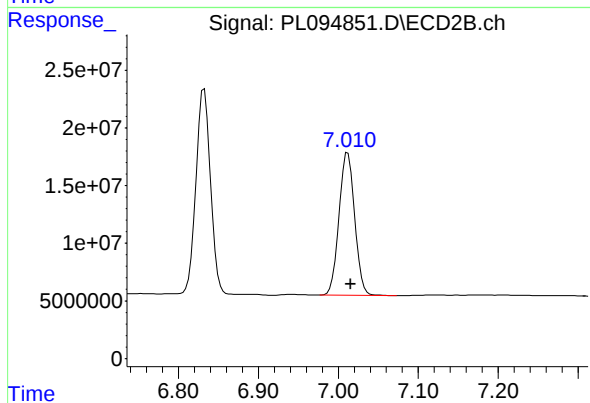
#21 Endrin ketone

R.T.: 6.832 min
Delta R.T.: -0.004 min
Response: 224966222
Conc: 47.14 ng/ml



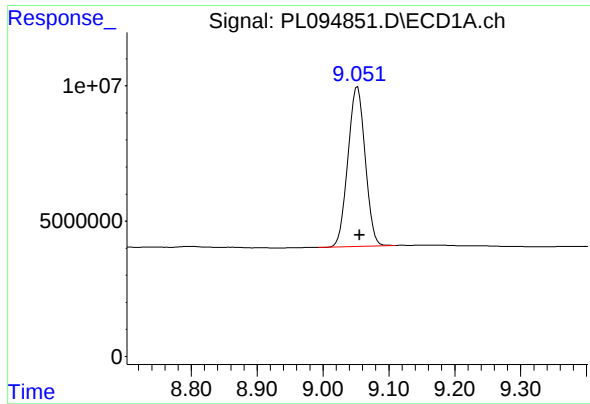
#22 Mirex

R.T.: 8.115 min
Delta R.T.: -0.002 min
Response: 93416737
Conc: 45.21 ng/ml



#22 Mirex

R.T.: 7.012 min
Delta R.T.: -0.004 min
Response: 168306759
Conc: 44.35 ng/ml



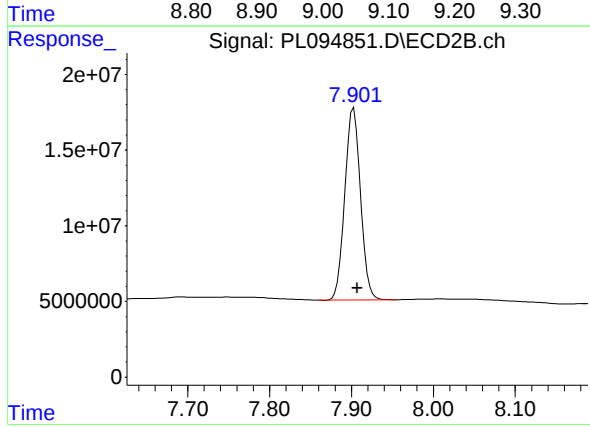
#28 Decachlorobiphenyl

R.T.: 9.052 min
Delta R.T.: -0.003 min
Response: 107255145
Conc: 50.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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Supervised By :mohammad ahmed 03/27/2025



#28 Decachlorobiphenyl

R.T.: 7.903 min
Delta R.T.: -0.004 min
Response: 169706760
Conc: 42.01 ng/ml