

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032425\
 Data File : PL094811.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Mar 2025 13:33
 Operator : AR\AJ
 Sample : PB167253BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB167253BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/25/2025
 Supervised By : mohammad ahmed 03/26/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 25 01:51:06 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...	3.538	2.771	62446481	78851891	22.061	22.092
28)	SA Decachlor...	9.057	7.906	55412797	98086796	26.294	24.283
Target Compounds							
2)	A alpha-BHC	3.994	3.273	187.0E6	264.4E6	45.031	49.047
3)	MA gamma-BHC...	4.327	3.603	183.4E6	249.9E6	45.968	48.624
4)	MA Heptachlor	4.915	3.940	182.6E6	256.9E6	47.047	48.769
5)	MB Aldrin	5.257	4.220	175.4E6	243.1E6	47.518	49.856
6)	B beta-BHC	4.526	3.903	87161482	112.7E6	47.236	50.726
7)	B delta-BHC	4.773	4.132	153.9E6	194.4E6	39.515	38.860
8)	B Heptachlo...	5.684	4.723	165.7E6	233.3E6	49.532	50.960
9)	A Endosulfan I	6.070	5.093	155.7E6	226.9E6	50.699	51.701
10)	B gamma-Chl...	5.940	4.973	169.0E6	246.2E6	50.162	50.995
11)	B alpha-Chl...	6.019	5.036	166.2E6	242.7E6	50.405	50.858
12)	B 4,4'-DDE	6.193	5.225	164.9E6	250.1E6	56.034	53.807
13)	MA Dieldrin	6.345	5.357	164.3E6	254.2E6	51.379	52.387
14)	MA Endrin	6.573	5.632	138.5E6	229.7E6	49.946m	52.637
15)	B Endosulfa...	6.796	5.928	139.8E6	230.8E6	51.483	53.331
16)	A 4,4'-DDD	6.712	5.780	125.3E6	208.3E6	57.830	57.915
17)	MA 4,4'-DDT	7.025	6.030	131.2E6	226.1E6	55.156	56.084
18)	B Endrin al...	6.926	6.106	110.2E6	178.8E6	52.193	53.118
19)	B Endosulfa...	7.159	6.330	123.6E6	216.3E6	50.829	53.102
20)	A Methoxychlor	7.502	6.606	69100022	124.1E6	57.724	58.514
21)	B Endrin ke...	7.645	6.833	143.9E6	273.1E6	54.456	57.223m
22)	Mirex	8.118	7.015	106.4E6	200.0E6	51.510	52.699

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032425\
Data File : PL094811.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Mar 2025 13:33
Operator : AR\AJ
Sample : PB167253BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

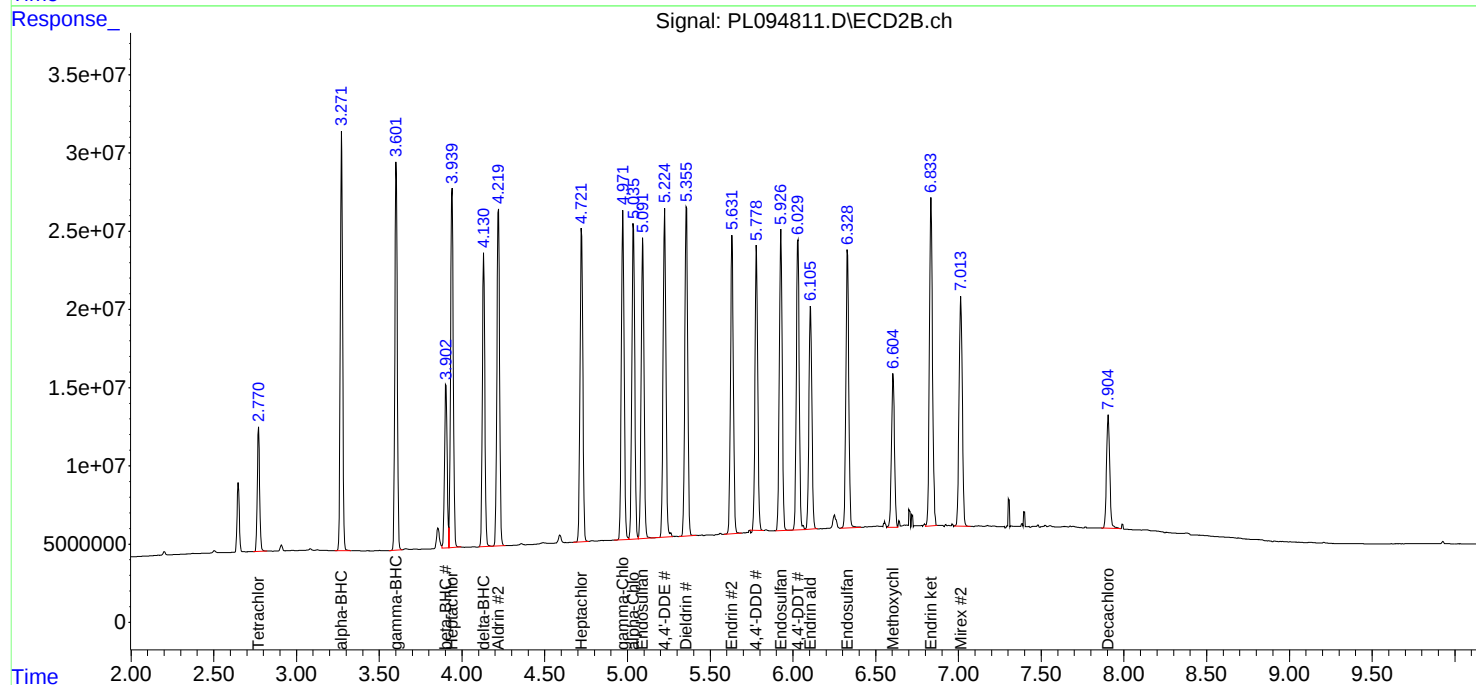
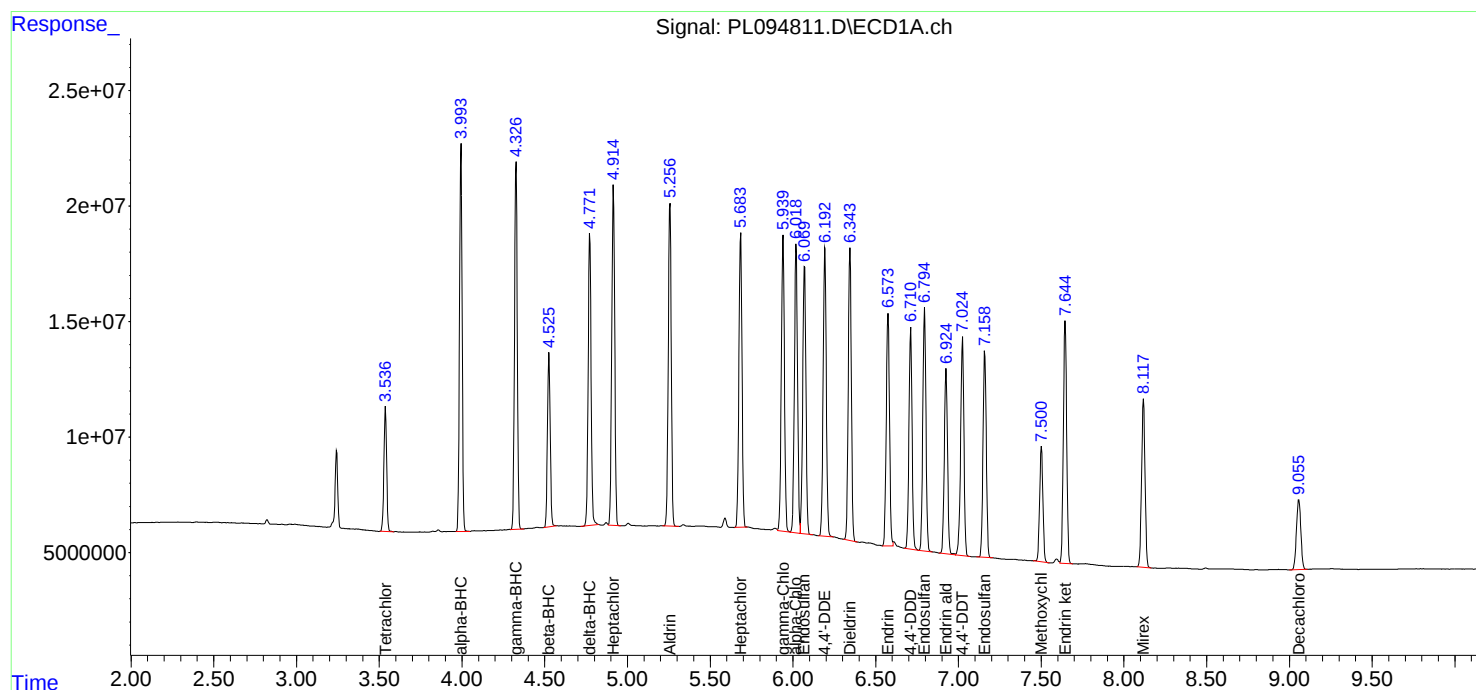
Instrument :
ECD_L
ClientSampleId :
PB167253BS

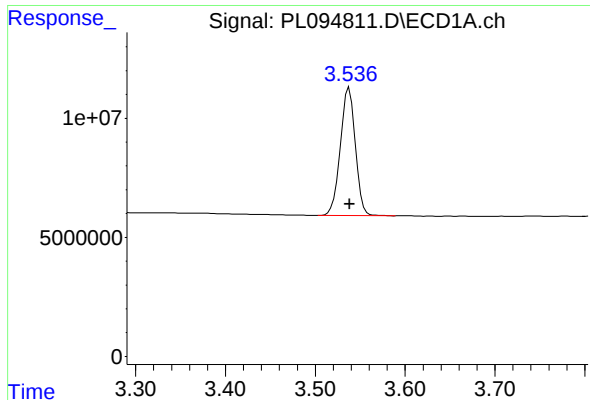
Manual Integrations
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Supervised By :mohammad ahmed 03/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 25 01:51:06 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





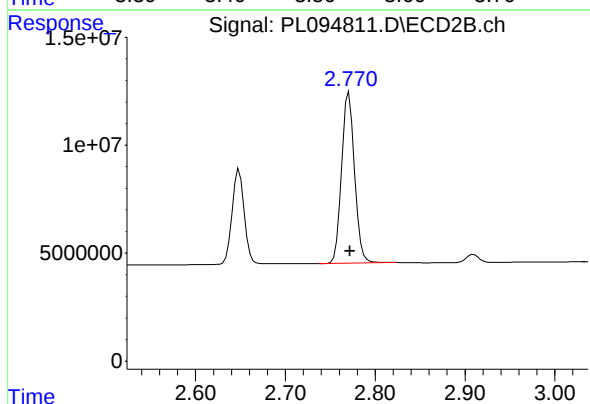
#1 Tetrachloro-m-xylene

R.T.: 3.538 min
Delta R.T.: 0.000 min
Response: 62446481
Conc: 22.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167253BS

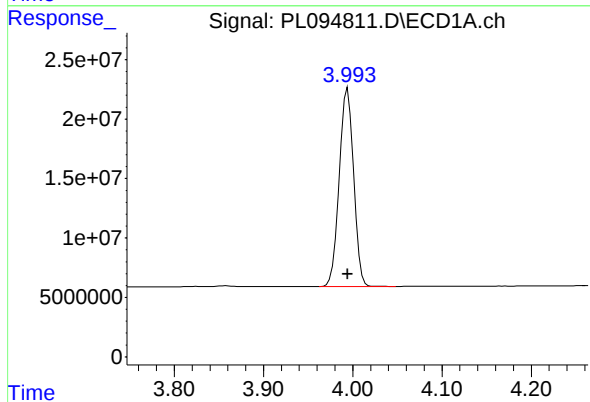
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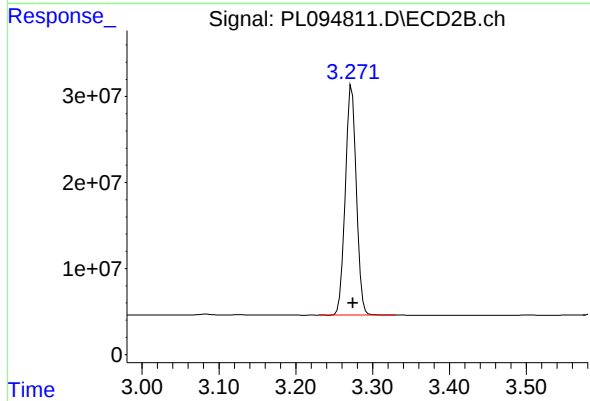
#1 Tetrachloro-m-xylene

R.T.: 2.771 min
Delta R.T.: -0.001 min
Response: 78851891
Conc: 22.09 ng/ml



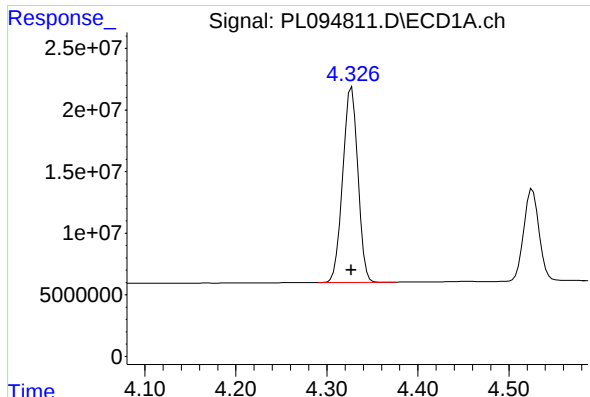
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: 0.000 min
Response: 186983080
Conc: 45.03 ng/ml



#2 alpha-BHC

R.T.: 3.273 min
Delta R.T.: -0.002 min
Response: 264428516
Conc: 49.05 ng/ml



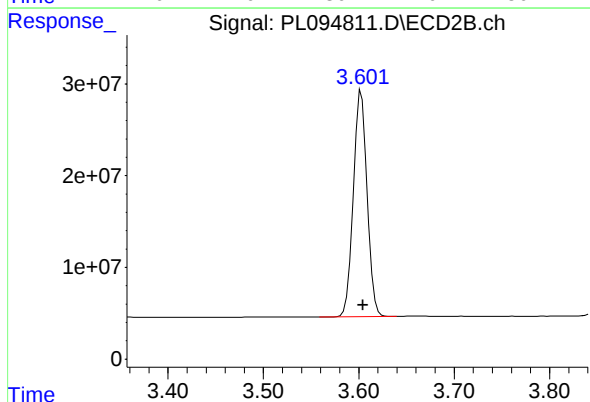
#3 gamma-BHC (Lindane)

R.T.: 4.327 min
Delta R.T.: 0.000 min
Response: 183425761
Conc: 45.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167253BS

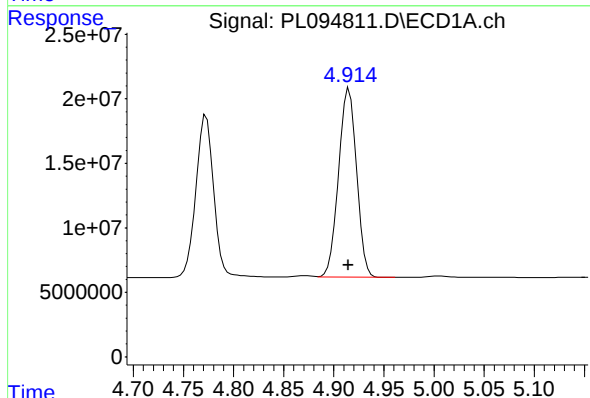
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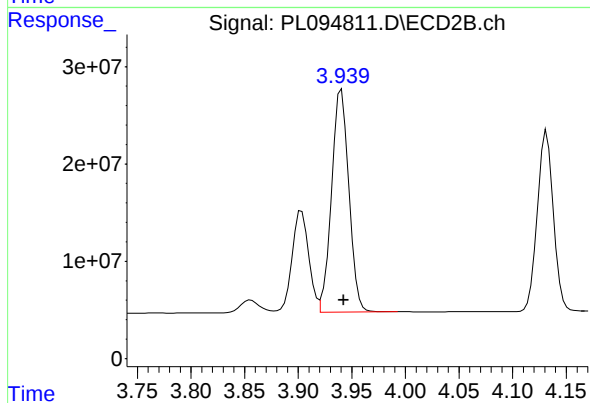
#3 gamma-BHC (Lindane)

R.T.: 3.603 min
Delta R.T.: -0.002 min
Response: 249900519
Conc: 48.62 ng/ml



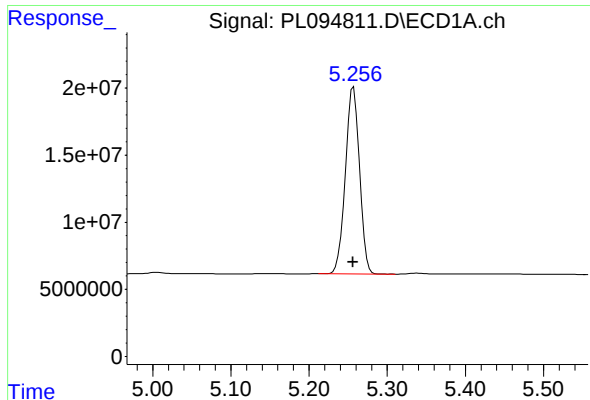
#4 Heptachlor

R.T.: 4.915 min
Delta R.T.: 0.000 min
Response: 182617010
Conc: 47.05 ng/ml



#4 Heptachlor

R.T.: 3.940 min
Delta R.T.: -0.002 min
Response: 256946115
Conc: 48.77 ng/ml



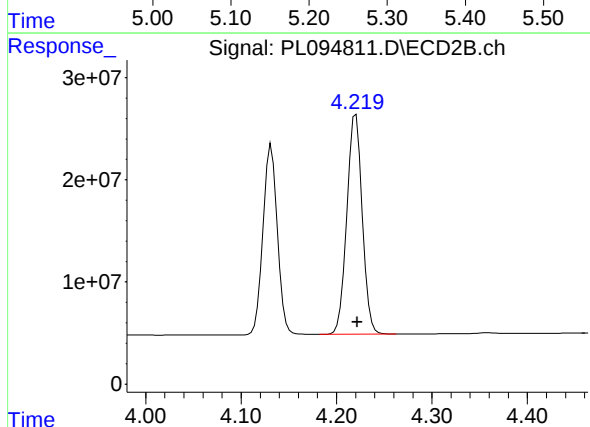
#5 Aldrin

R.T.: 5.257 min
Delta R.T.: 0.000 min
Response: 175445997
Conc: 47.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167253BS

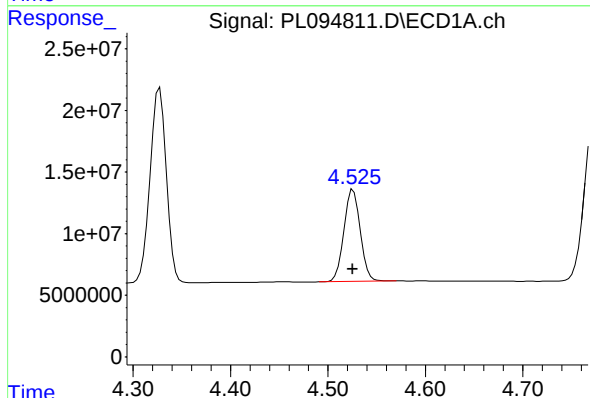
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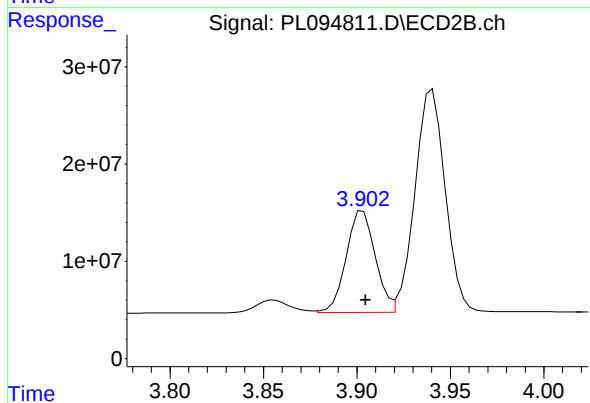
#5 Aldrin

R.T.: 4.220 min
Delta R.T.: -0.002 min
Response: 243117365
Conc: 49.86 ng/ml



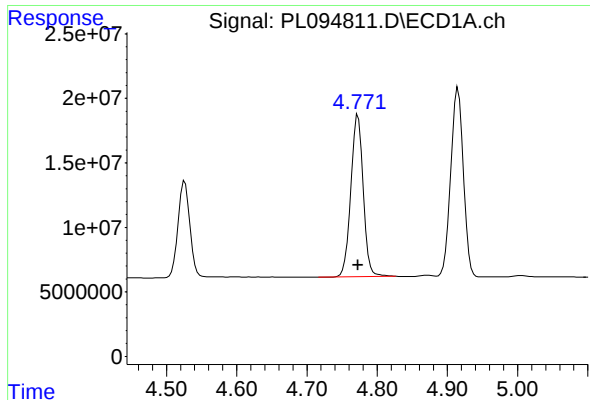
#6 beta-BHC

R.T.: 4.526 min
Delta R.T.: 0.000 min
Response: 87161482
Conc: 47.24 ng/ml



#6 beta-BHC

R.T.: 3.903 min
Delta R.T.: -0.001 min
Response: 112677181
Conc: 50.73 ng/ml



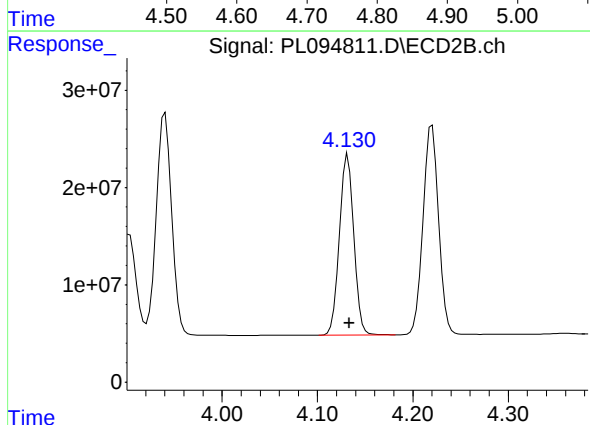
#7 delta-BHC

R.T.: 4.773 min
Delta R.T.: 0.000 min
Response: 153882490
Conc: 39.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167253BS

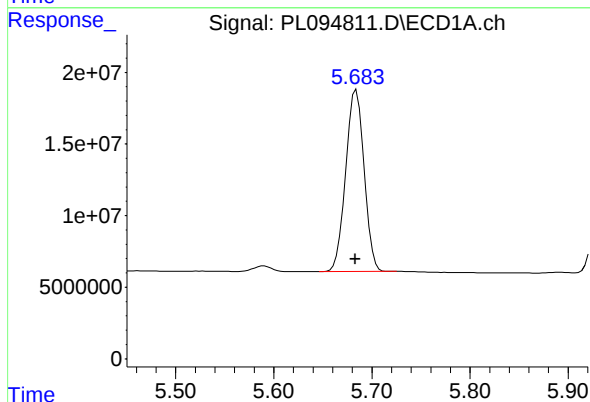
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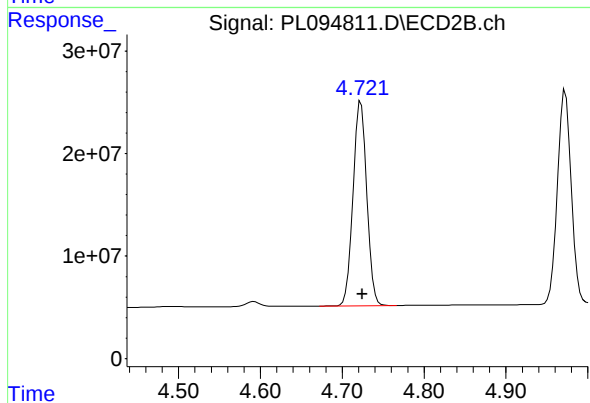
#7 delta-BHC

R.T.: 4.132 min
Delta R.T.: -0.001 min
Response: 194374497
Conc: 38.86 ng/ml



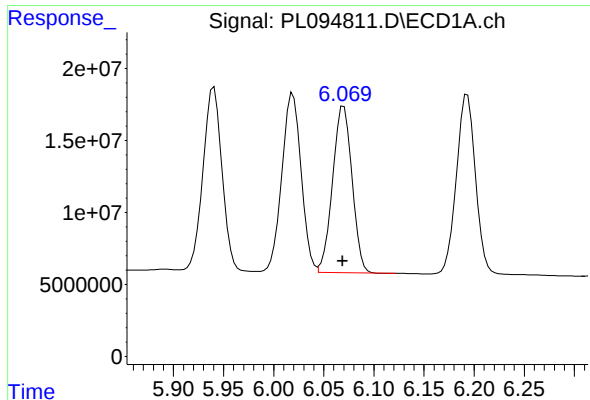
#8 Heptachlor epoxide

R.T.: 5.684 min
Delta R.T.: 0.001 min
Response: 165693371
Conc: 49.53 ng/ml



#8 Heptachlor epoxide

R.T.: 4.723 min
Delta R.T.: -0.002 min
Response: 233323525
Conc: 50.96 ng/ml



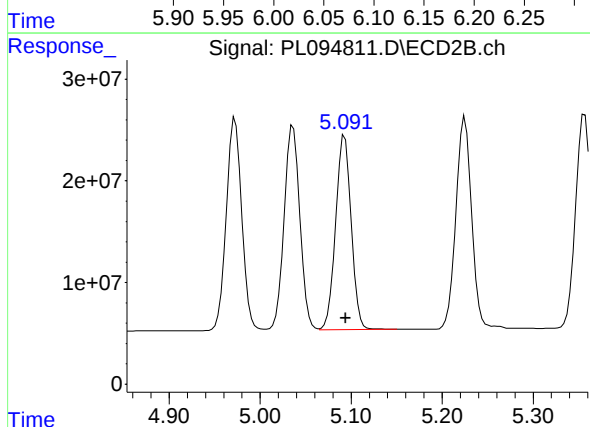
#9 Endosulfan I

R.T.: 6.070 min
Delta R.T.: 0.000 min
Response: 155657557
Conc: 50.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167253BS

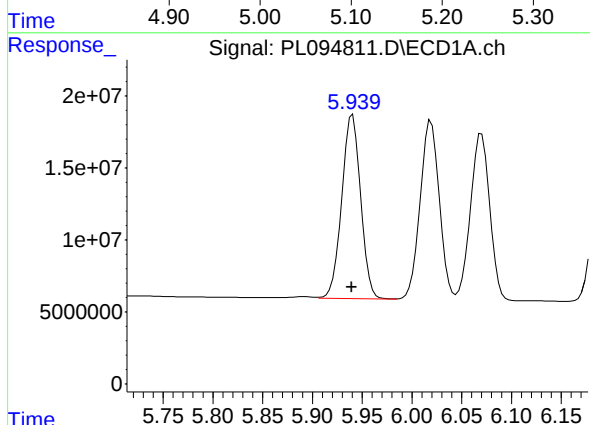
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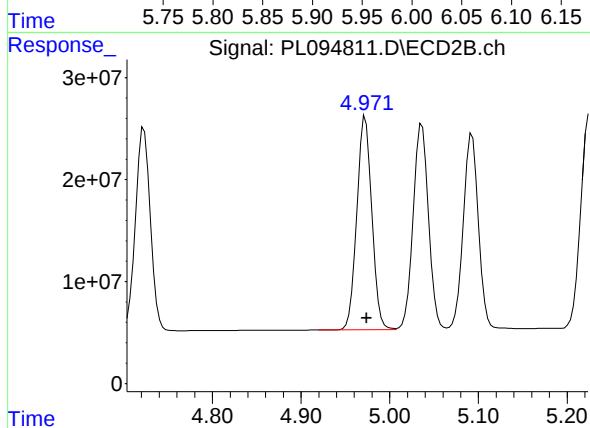
#9 Endosulfan I

R.T.: 5.093 min
Delta R.T.: -0.001 min
Response: 226901447
Conc: 51.70 ng/ml



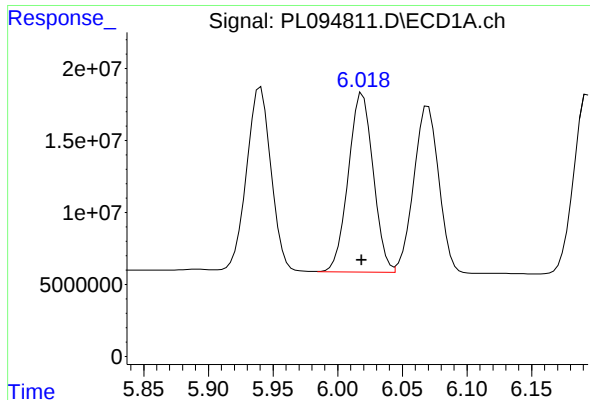
#10 gamma-Chlordane

R.T.: 5.940 min
Delta R.T.: 0.000 min
Response: 169014353
Conc: 50.16 ng/ml



#10 gamma-Chlordane

R.T.: 4.973 min
Delta R.T.: -0.001 min
Response: 246223347
Conc: 50.99 ng/ml



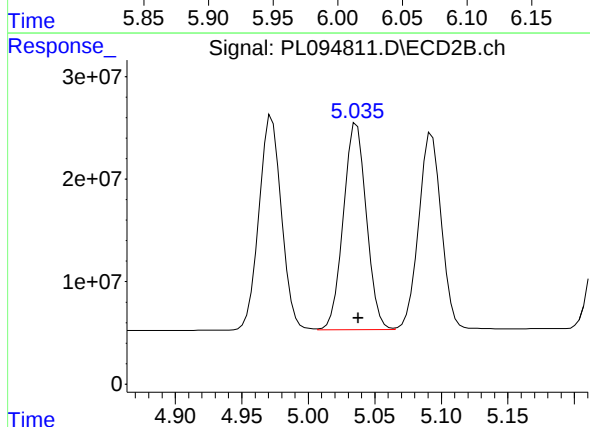
#11 alpha-Chlordane

R.T.: 6.019 min
Delta R.T.: 0.000 min
Response: 166177318
Conc: 50.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167253BS

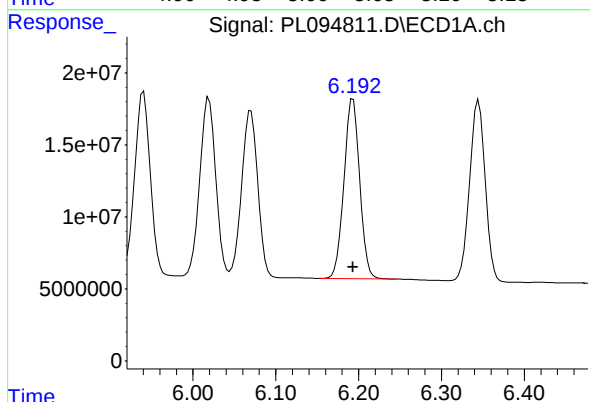
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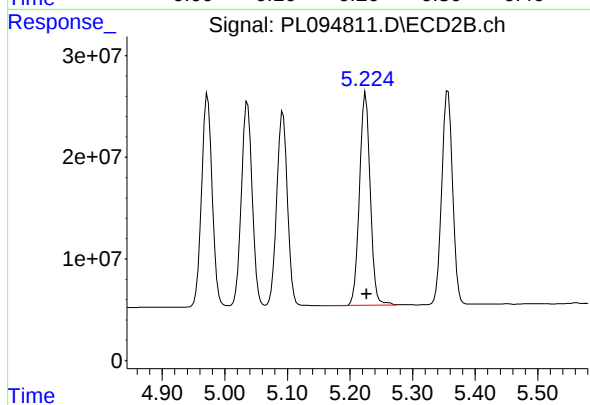
#11 alpha-Chlordane

R.T.: 5.036 min
Delta R.T.: -0.001 min
Response: 242735628
Conc: 50.86 ng/ml



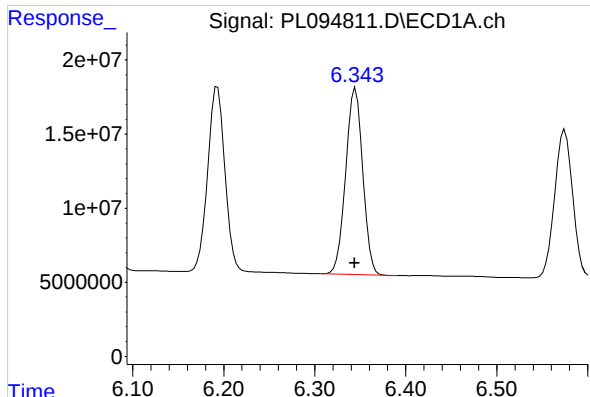
#12 4,4'-DDE

R.T.: 6.193 min
Delta R.T.: 0.000 min
Response: 164855302
Conc: 56.03 ng/ml



#12 4,4'-DDE

R.T.: 5.225 min
Delta R.T.: -0.001 min
Response: 250122411
Conc: 53.81 ng/ml



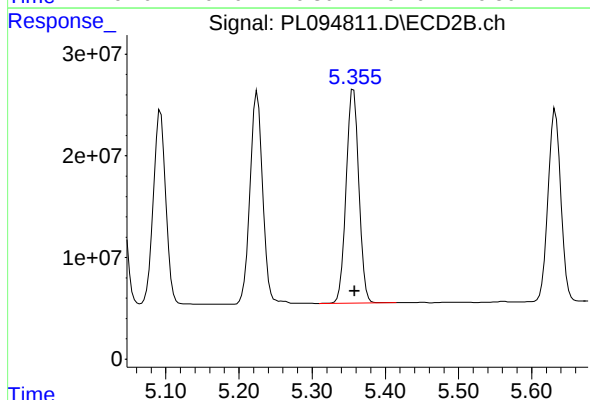
#13 Dieldrin

R.T.: 6.345 min
Delta R.T.: 0.000 min
Response: 164317895
Conc: 51.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167253BS

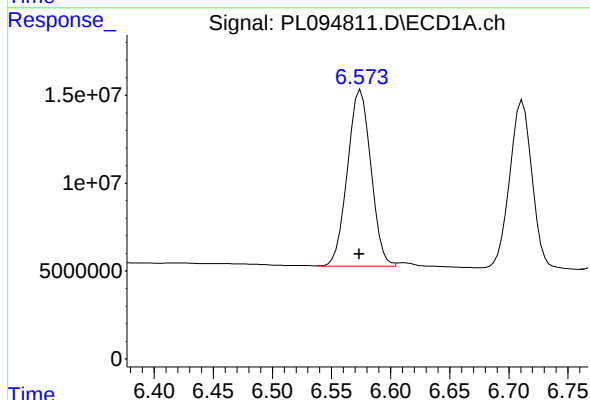
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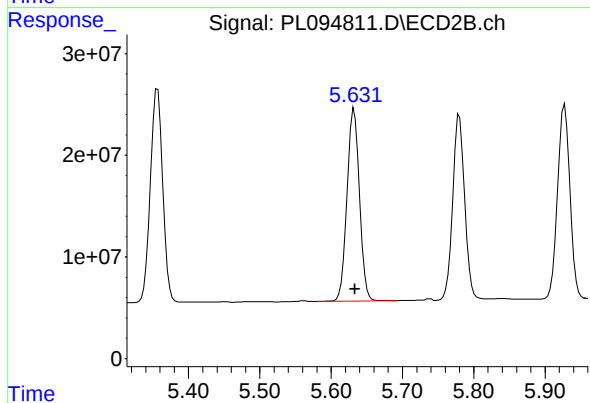
#13 Dieldrin

R.T.: 5.357 min
Delta R.T.: -0.002 min
Response: 254171458
Conc: 52.39 ng/ml



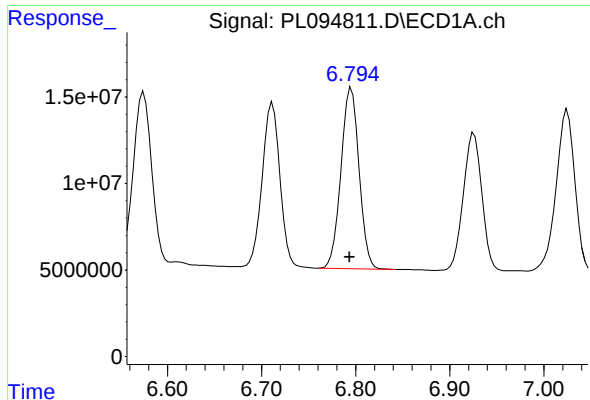
#14 Endrin

R.T.: 6.573 min
Delta R.T.: 0.000 min
Response: 138454130
Conc: 49.95 ng/ml m



#14 Endrin

R.T.: 5.632 min
Delta R.T.: -0.001 min
Response: 229690266
Conc: 52.64 ng/ml



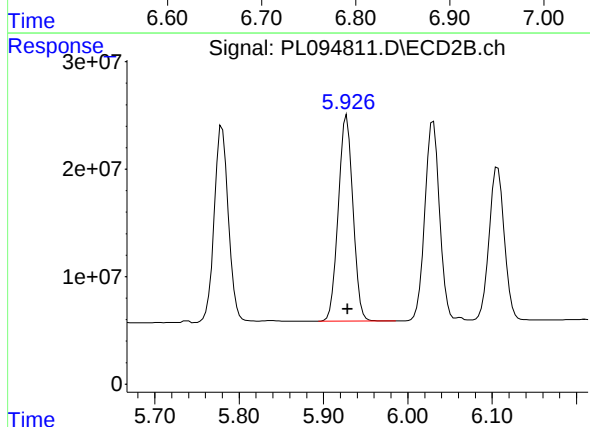
#15 Endosulfan II

R.T.: 6.796 min
Delta R.T.: 0.002 min
Response: 139762891
Conc: 51.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167253BS

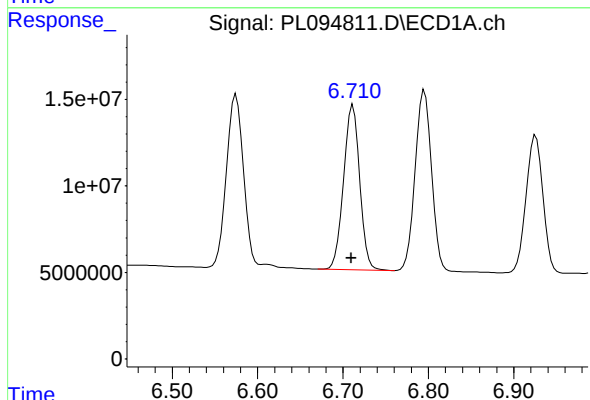
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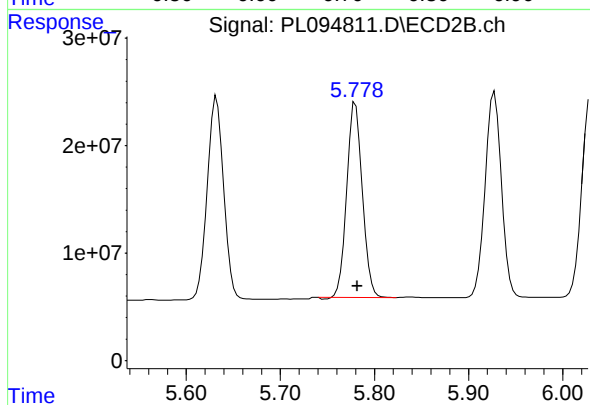
#15 Endosulfan II

R.T.: 5.928 min
Delta R.T.: 0.000 min
Response: 230830563
Conc: 53.33 ng/ml



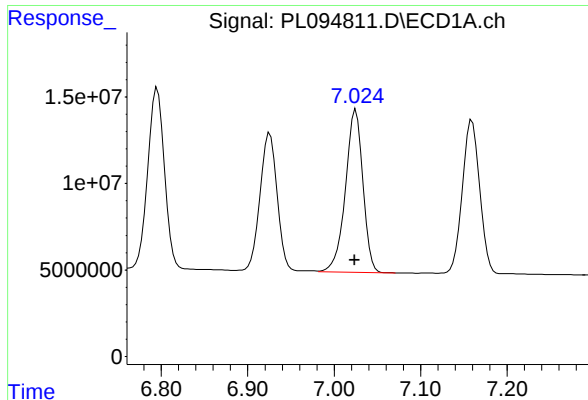
#16 4,4'-DDD

R.T.: 6.712 min
Delta R.T.: 0.002 min
Response: 125262990
Conc: 57.83 ng/ml



#16 4,4'-DDD

R.T.: 5.780 min
Delta R.T.: -0.002 min
Response: 208255602
Conc: 57.91 ng/ml



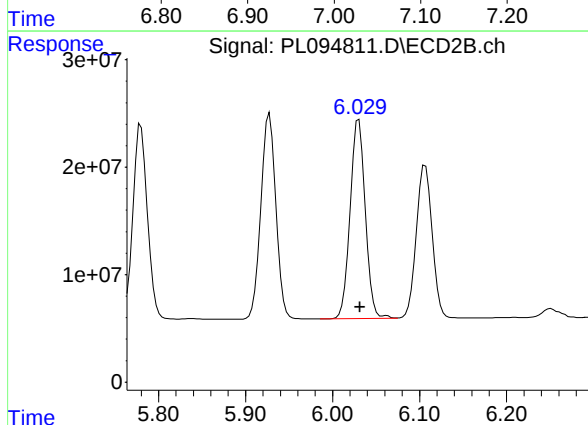
#17 4,4'-DDT

R.T.: 7.025 min
Delta R.T.: 0.001 min
Response: 131190607
Conc: 55.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167253BS

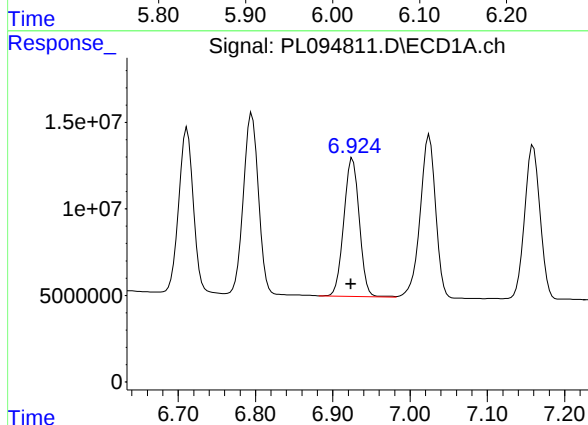
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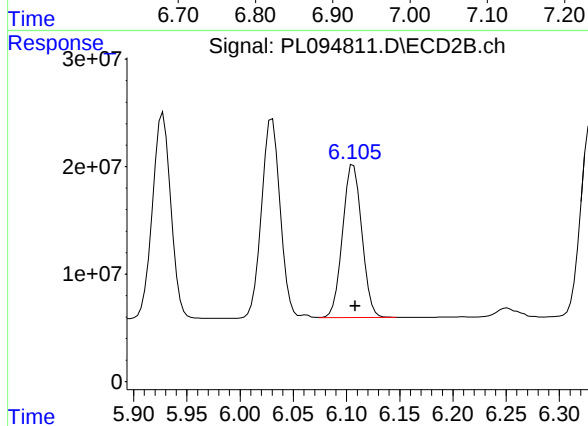
#17 4,4'-DDT

R.T.: 6.030 min
Delta R.T.: -0.001 min
Response: 226136231
Conc: 56.08 ng/ml



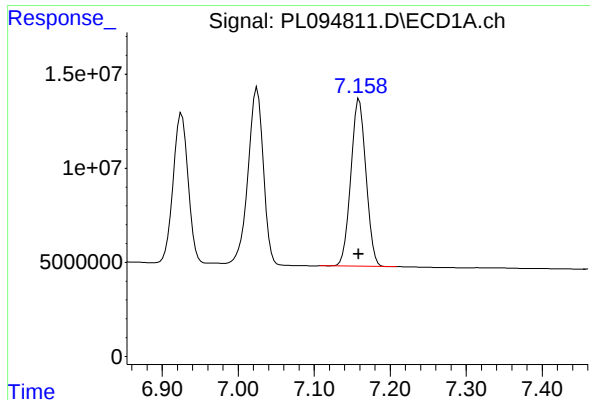
#18 Endrin aldehyde

R.T.: 6.926 min
Delta R.T.: 0.002 min
Response: 110178794
Conc: 52.19 ng/ml



#18 Endrin aldehyde

R.T.: 6.106 min
Delta R.T.: -0.002 min
Response: 178763281
Conc: 53.12 ng/ml



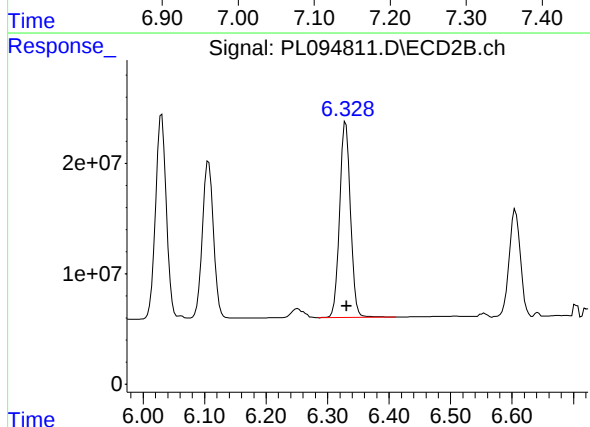
#19 Endosulfan Sulfate

R.T.: 7.159 min
Delta R.T.: 0.000 min
Response: 123616025
Conc: 50.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167253BS

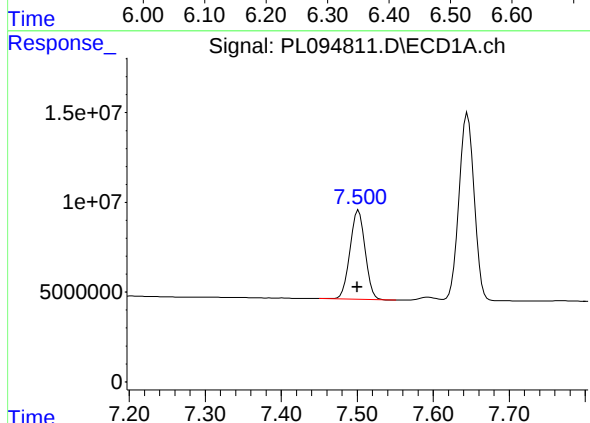
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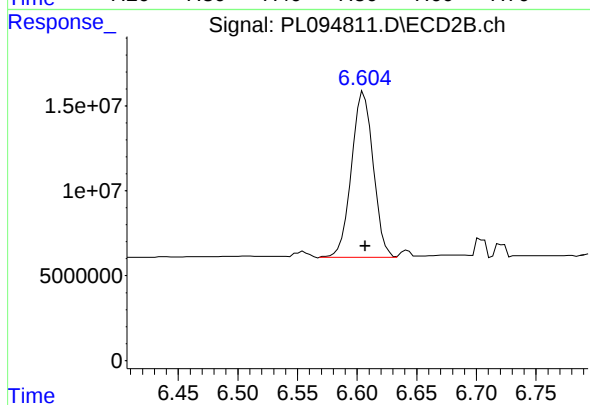
#19 Endosulfan Sulfate

R.T.: 6.330 min
Delta R.T.: -0.001 min
Response: 216306077
Conc: 53.10 ng/ml



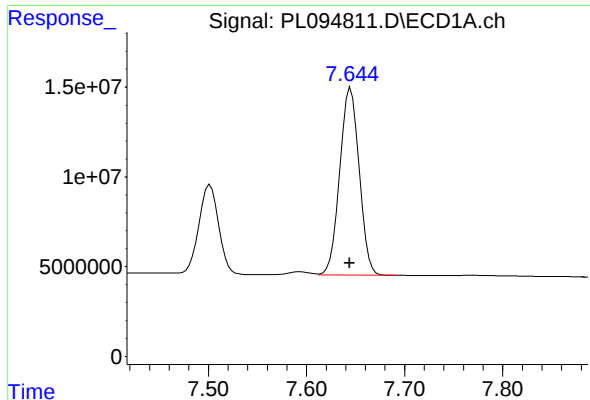
#20 Methoxychlor

R.T.: 7.502 min
Delta R.T.: 0.002 min
Response: 69100022
Conc: 57.72 ng/ml



#20 Methoxychlor

R.T.: 6.606 min
Delta R.T.: -0.001 min
Response: 124112973
Conc: 58.51 ng/ml



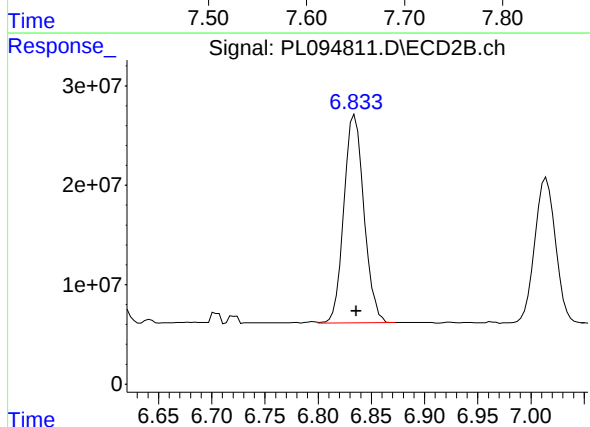
#21 Endrin ketone

R.T.: 7.645 min
Delta R.T.: 0.001 min
Response: 143942401
Conc: 54.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167253BS

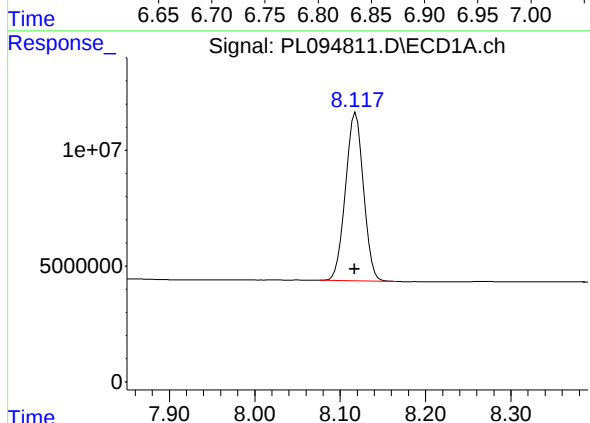
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/25/2025
Supervised By :mohammad ahmed 03/26/2025



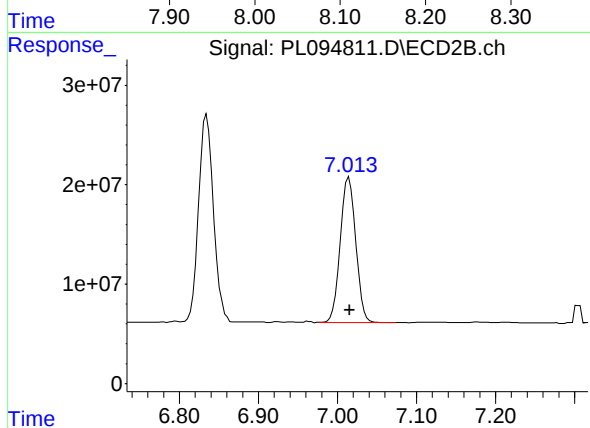
#21 Endrin ketone

R.T.: 6.833 min
Delta R.T.: -0.003 min
Response: 273102612
Conc: 57.22 ng/ml m



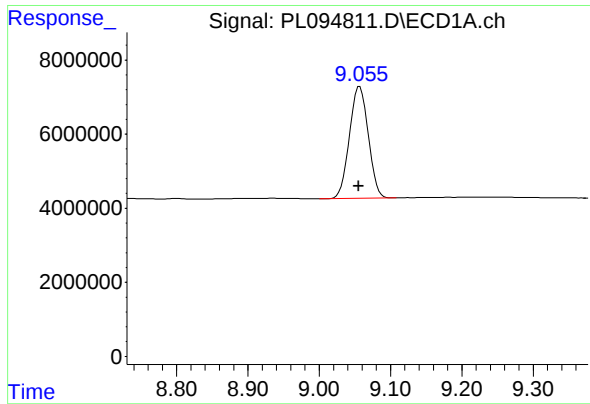
#22 Mirex

R.T.: 8.118 min
Delta R.T.: 0.001 min
Response: 106434161
Conc: 51.51 ng/ml



#22 Mirex

R.T.: 7.015 min
Delta R.T.: -0.001 min
Response: 200010773
Conc: 52.70 ng/ml



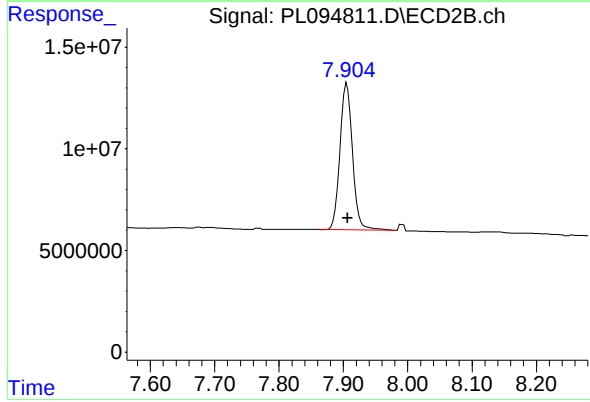
#28 Decachlorobiphenyl

R.T.: 9.057 min
Delta R.T.: 0.001 min
Response: 55412797
Conc: 26.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167253BS

Manual Integrations
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Supervised By :mohammad ahmed 03/26/2025



#28 Decachlorobiphenyl

R.T.: 7.906 min
Delta R.T.: -0.001 min
Response: 98086796
Conc: 24.28 ng/ml