

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032425\
 Data File : PL094826.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Mar 2025 17:59
 Operator : AR\AJ
 Sample : PB167250BSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB167250BSD

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 01:53:24 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...	3.537	2.770	64873664	85789523	22.918	24.036
28) SA Decachlor...	9.054	7.904	57959341	96389226	27.502	23.863
Target Compounds						
2) A alpha-BHC	3.993	3.272	216.3E6	308.1E6	52.087	57.149
3) MA gamma-BHC...	4.326	3.602	210.6E6	289.2E6	52.767	56.262
4) MA Heptachlor	4.914	3.940	201.8E6	289.3E6	51.991	54.919
5) MB Aldrin	5.255	4.219	195.5E6	273.8E6	52.957	56.140
6) B beta-BHC	4.525	3.903	97378677	129.5E6	52.774	58.317
7) B delta-BHC	4.772	4.131	226.2E6	292.7E6	58.078	58.519
8) B Heptachlo...	5.682	4.722	180.3E6	262.9E6	53.896	57.420
9) A Endosulfan I	6.068	5.091	168.8E6	247.2E6	54.982	56.315
10) B gamma-Chl...	5.939	4.971	184.3E6	276.9E6	54.689	57.347
11) B alpha-Chl...	6.017	5.035	181.1E6	272.1E6	54.927	57.003
12) B 4,4'-DDE	6.192	5.222	178.0E6	280.1E6	60.498	60.266m
13) MA Dieldrin	6.343	5.354	179.9E6	282.5E6	56.239	58.231m
14) MA Endrin	6.573	5.630	148.7E6	256.4E6	53.658m	58.761m
15) B Endosulfa...	6.794	5.927	154.5E6	253.6E6	56.925	58.588
16) A 4,4'-DDD	6.709	5.779	138.8E6	233.1E6	64.074	64.816
17) MA 4,4'-DDT	7.023	6.029	143.9E6	240.0E6	60.502	59.529
18) B Endrin al...	6.923	6.106	121.8E6	192.8E6	57.680	57.304
19) B Endosulfa...	7.158	6.329	139.1E6	238.9E6	57.176	58.643
20) A Methoxychlor	7.500	6.604	71974125	127.3E6	60.125	60.007
21) B Endrin ke...	7.643	6.832	157.8E6	285.5E6	59.688	59.827m
22) Mirex	8.116	7.012	112.0E6	209.5E6	54.218	55.189m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032425\
Data File : PL094826.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Mar 2025 17:59
Operator : AR\AJ
Sample : PB167250BSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

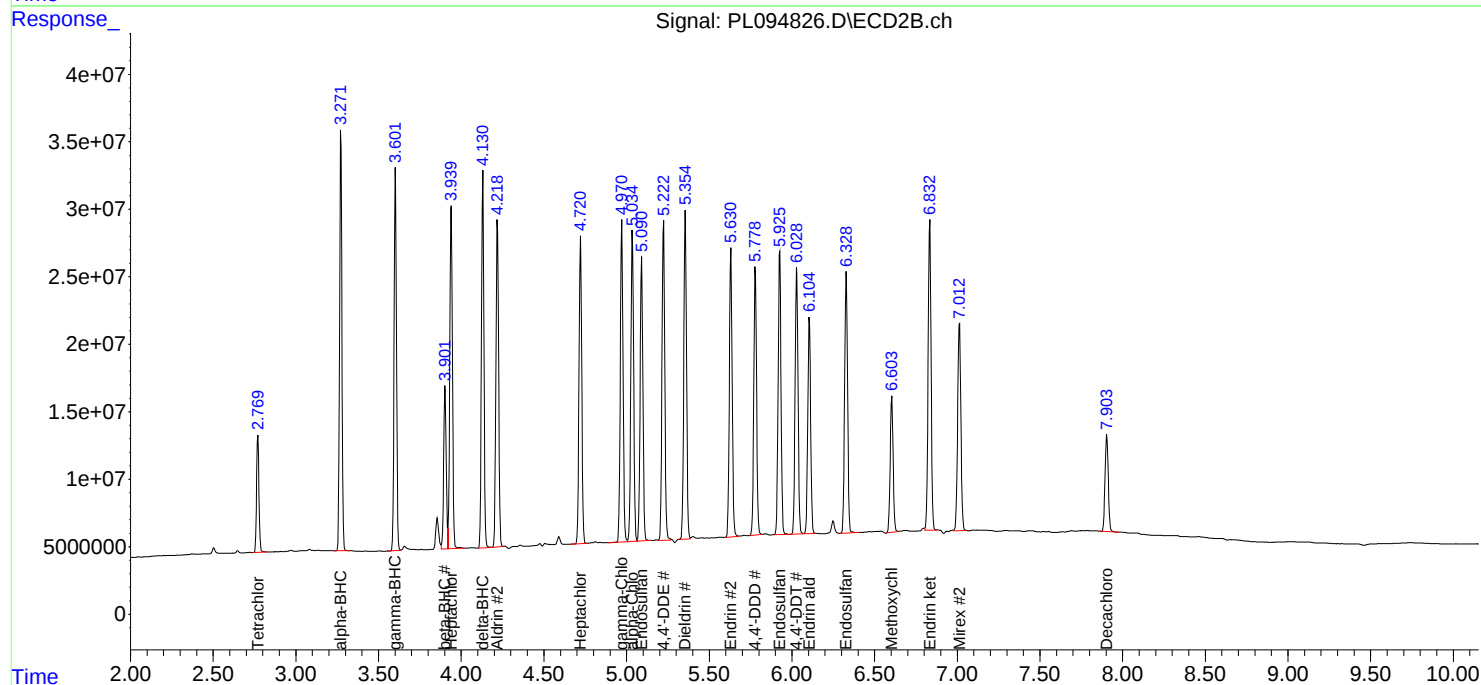
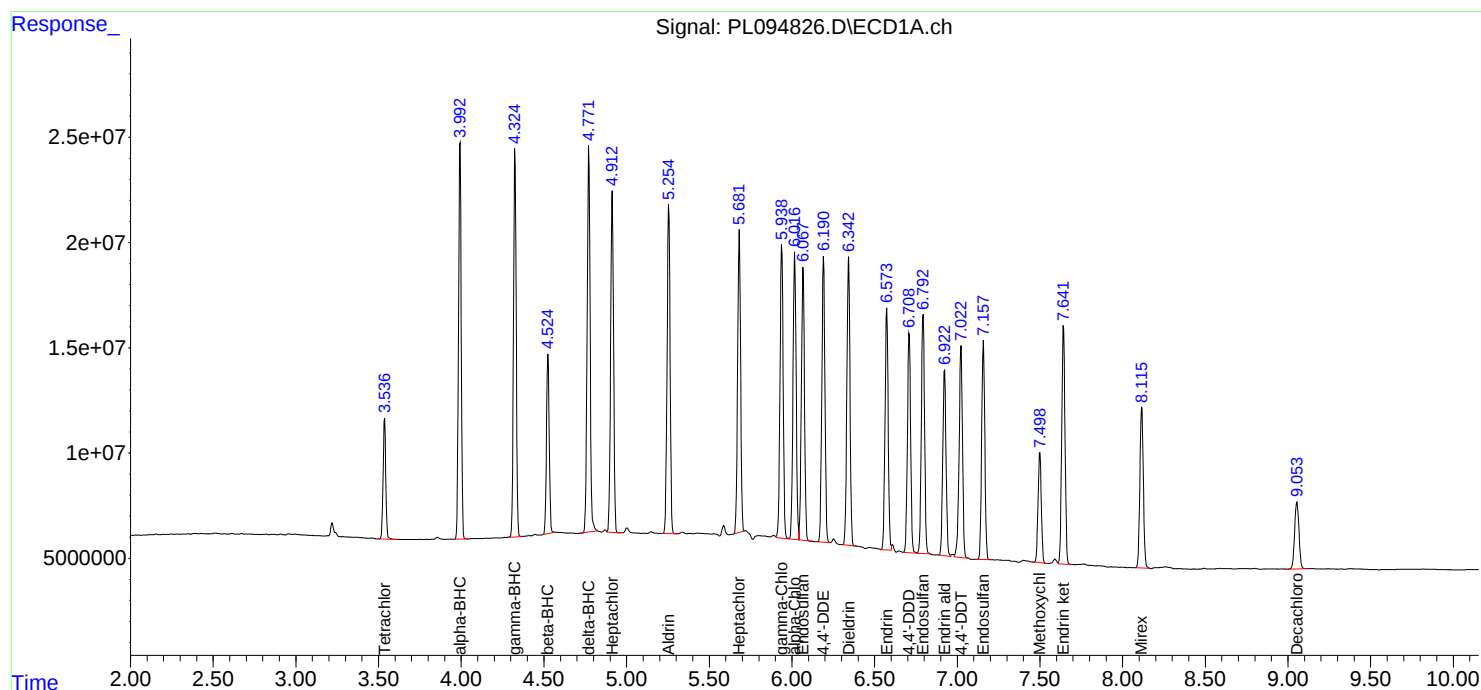
Instrument :
ECD_L
ClientSampleId :
PB167250BSD

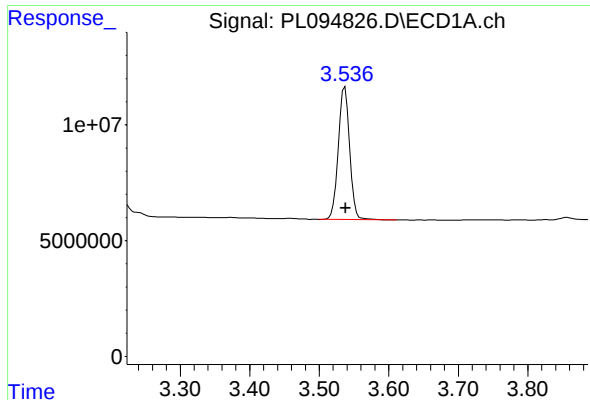
Manual Integrations
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Reviewed By :Abdul Mirza 03/25/2025
Supervised By :mohammad ahmed 03/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 25 01:53:24 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





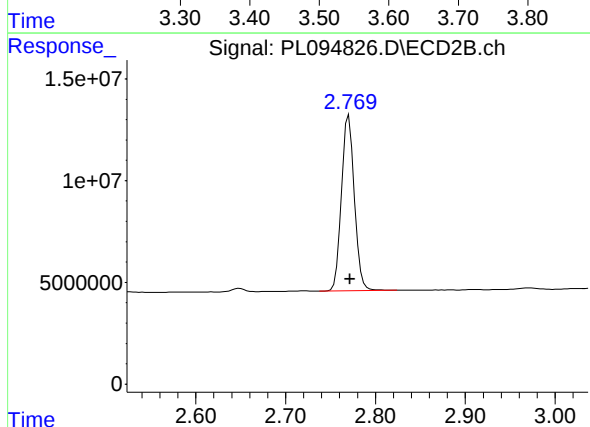
#1 Tetrachloro-m-xylene

R.T.: 3.537 min
Delta R.T.: -0.001 min
Response: 64873664
Conc: 22.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167250BSD

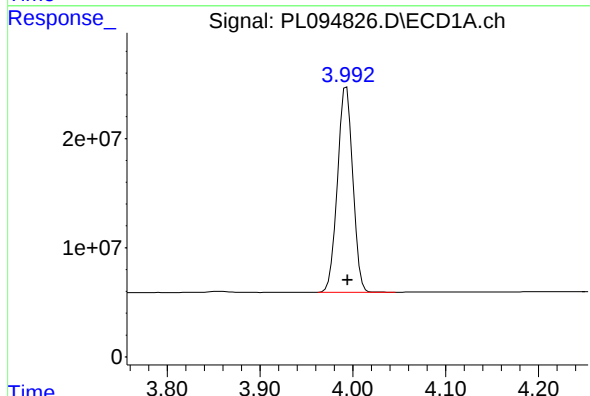
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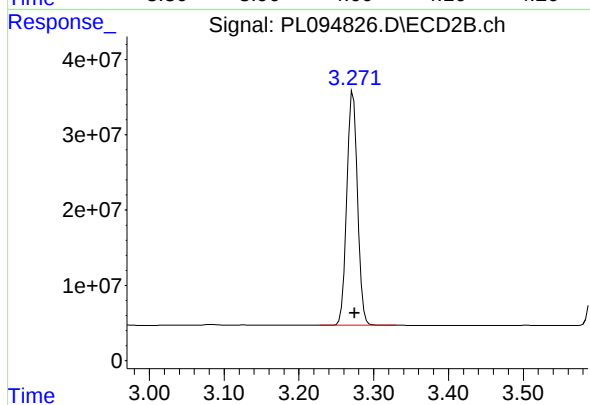
#1 Tetrachloro-m-xylene

R.T.: 2.770 min
Delta R.T.: -0.002 min
Response: 85789523
Conc: 24.04 ng/ml



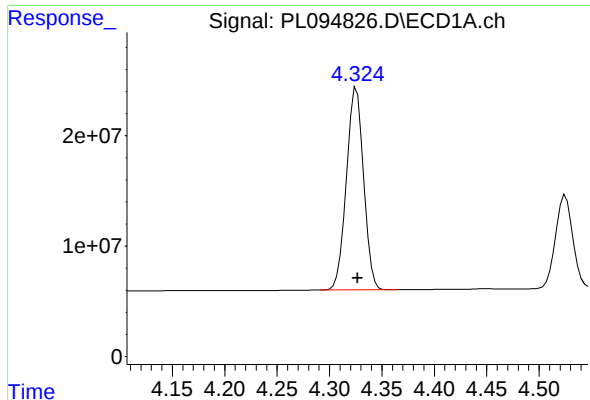
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: -0.001 min
Response: 216284603
Conc: 52.09 ng/ml



#2 alpha-BHC

R.T.: 3.272 min
Delta R.T.: -0.002 min
Response: 308111407
Conc: 57.15 ng/ml



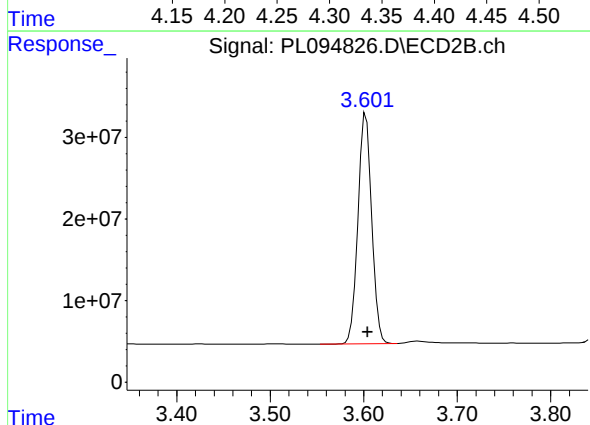
#3 gamma-BHC (Lindane)

R.T.: 4.326 min
Delta R.T.: -0.001 min
Response: 210553787
Conc: 52.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167250BSD

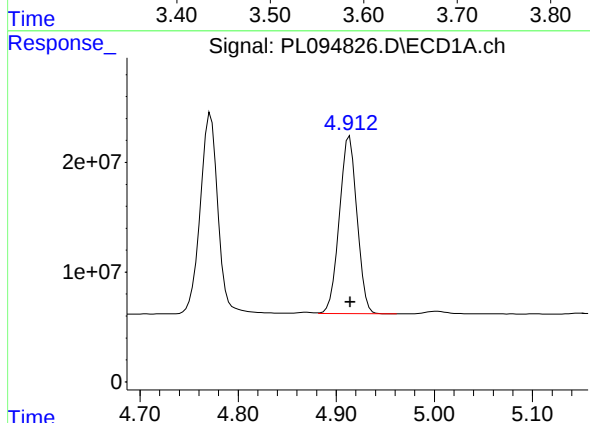
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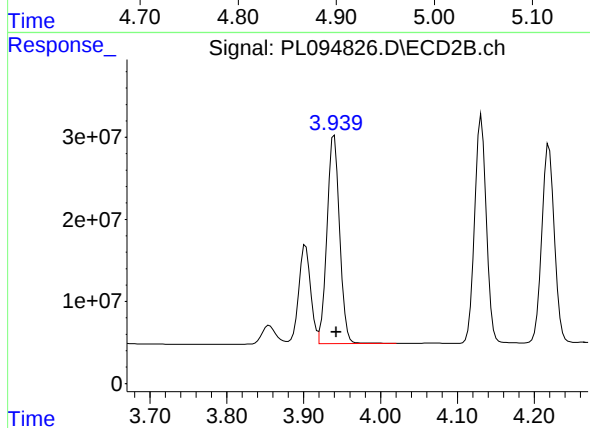
#3 gamma-BHC (Lindane)

R.T.: 3.602 min
Delta R.T.: -0.002 min
Response: 289154382
Conc: 56.26 ng/ml



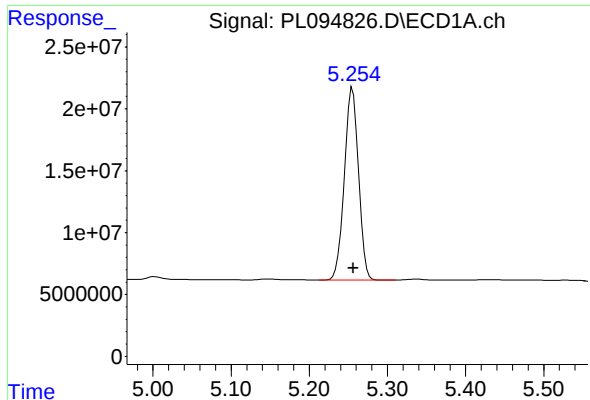
#4 Heptachlor

R.T.: 4.914 min
Delta R.T.: 0.000 min
Response: 201809398
Conc: 51.99 ng/ml



#4 Heptachlor

R.T.: 3.940 min
Delta R.T.: -0.002 min
Response: 289349297
Conc: 54.92 ng/ml



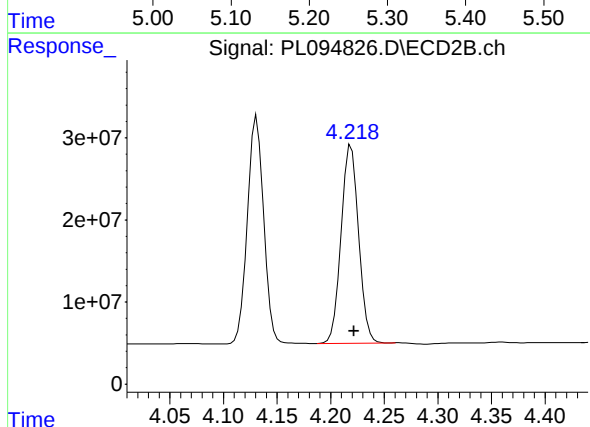
#5 Aldrin

R.T.: 5.255 min
Delta R.T.: 0.000 min
Response: 195529698
Conc: 52.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167250BSD

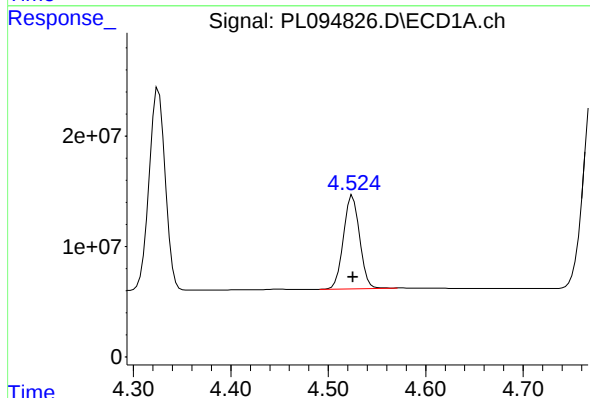
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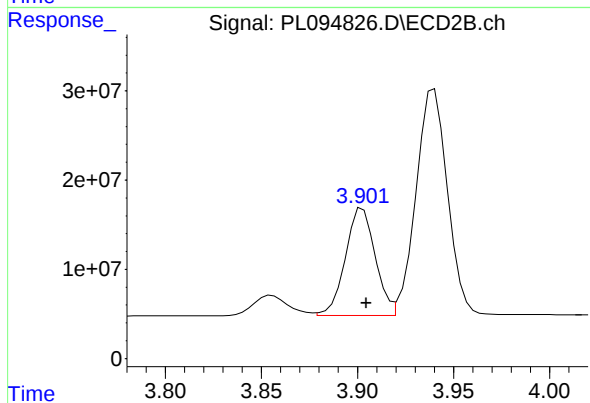
#5 Aldrin

R.T.: 4.219 min
Delta R.T.: -0.003 min
Response: 273758192
Conc: 56.14 ng/ml



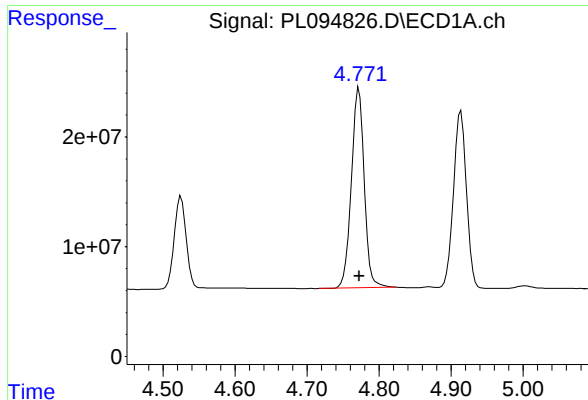
#6 beta-BHC

R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 97378677
Conc: 52.77 ng/ml



#6 beta-BHC

R.T.: 3.903 min
Delta R.T.: -0.002 min
Response: 129538634
Conc: 58.32 ng/ml



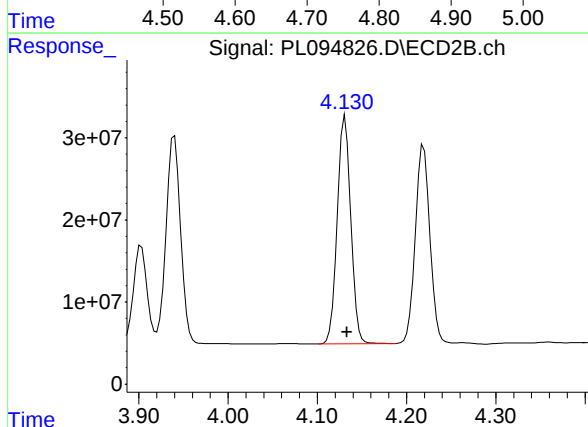
#7 delta-BHC

R.T.: 4.772 min
Delta R.T.: 0.000 min
Response: 226172038
Conc: 58.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167250BSD

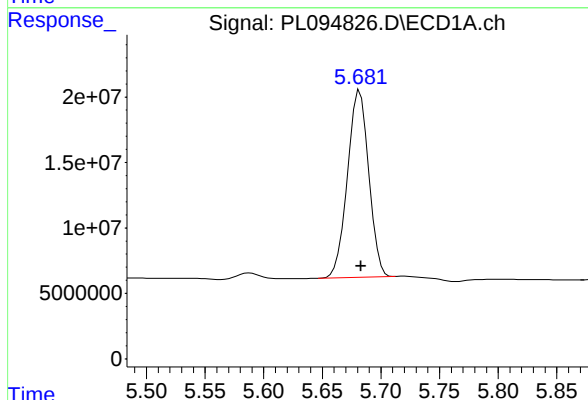
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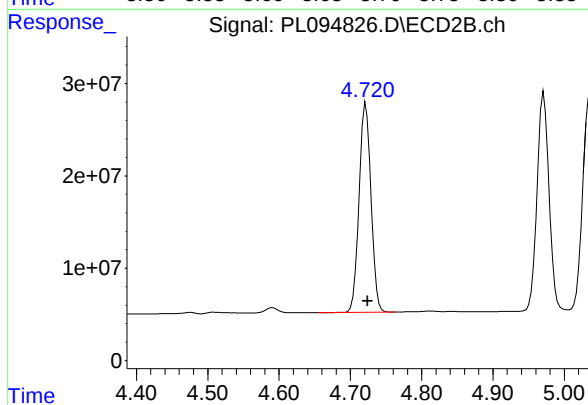
#7 delta-BHC

R.T.: 4.131 min
Delta R.T.: -0.002 min
Response: 292709312
Conc: 58.52 ng/ml



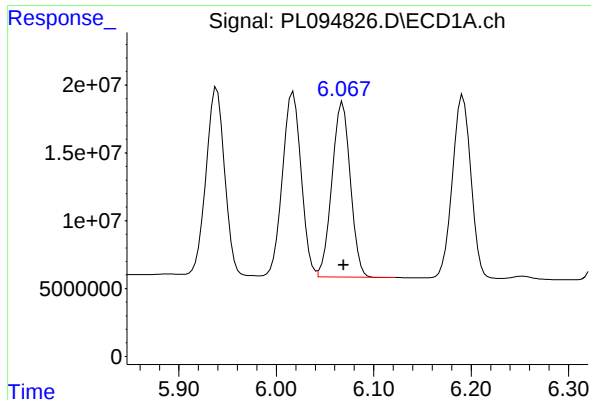
#8 Heptachlor epoxide

R.T.: 5.682 min
Delta R.T.: -0.001 min
Response: 180293288
Conc: 53.90 ng/ml



#8 Heptachlor epoxide

R.T.: 4.722 min
Delta R.T.: -0.003 min
Response: 262901203
Conc: 57.42 ng/ml



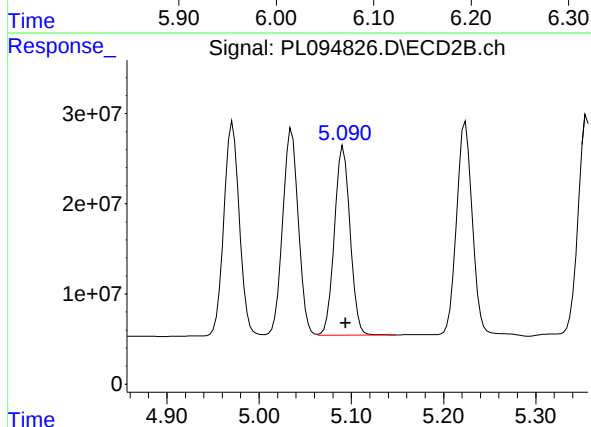
#9 Endosulfan I

R.T.: 6.068 min
Delta R.T.: 0.000 min
Response: 168807122
Conc: 54.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167250BSD

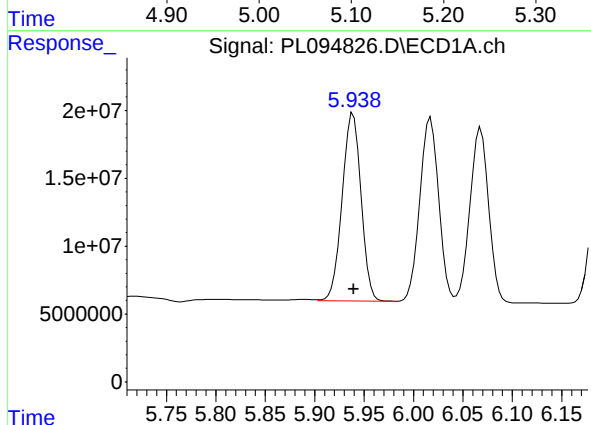
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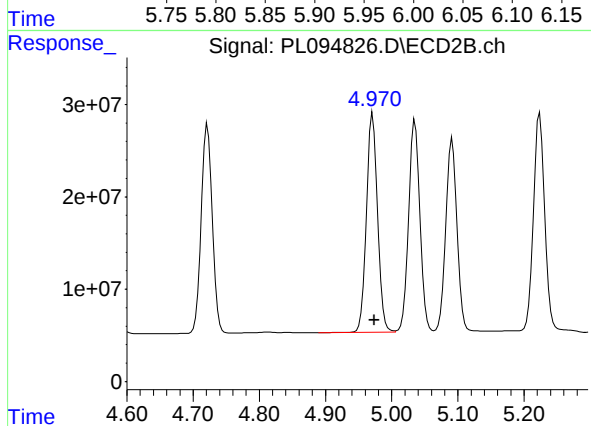
#9 Endosulfan I

R.T.: 5.091 min
Delta R.T.: -0.003 min
Response: 247150078
Conc: 56.31 ng/ml



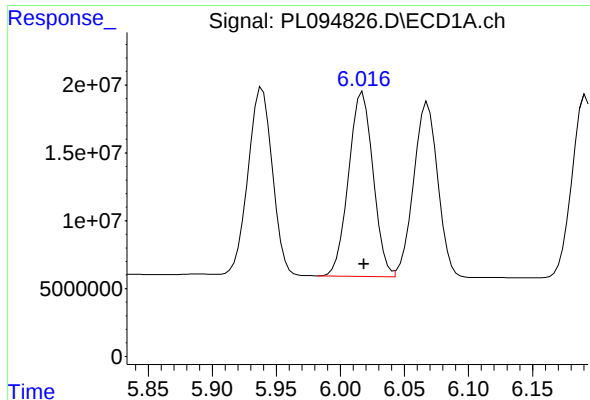
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: 0.000 min
Response: 184268804
Conc: 54.69 ng/ml



#10 gamma-Chlordane

R.T.: 4.971 min
Delta R.T.: -0.003 min
Response: 276893677
Conc: 57.35 ng/ml



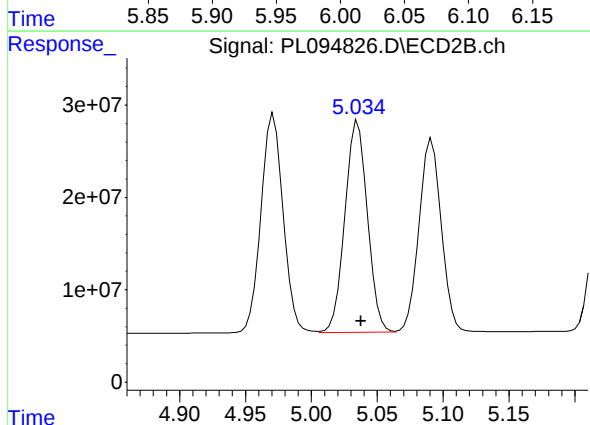
#11 alpha-Chlordane

R.T.: 6.017 min
Delta R.T.: -0.001 min
Response: 181086519
Conc: 54.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167250BSD

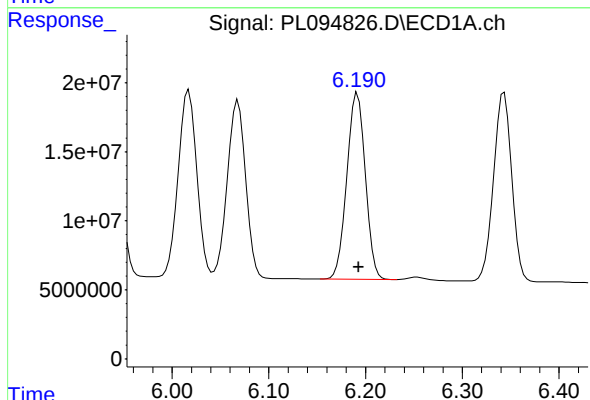
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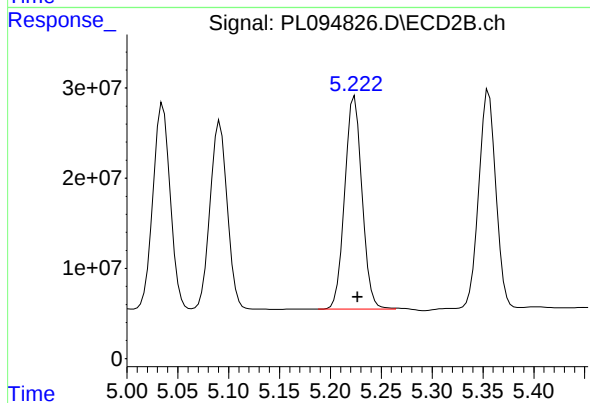
#11 alpha-Chlordane

R.T.: 5.035 min
Delta R.T.: -0.002 min
Response: 272060462
Conc: 57.00 ng/ml



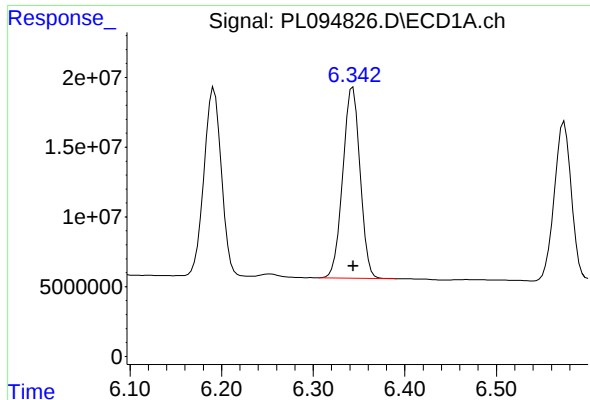
#12 4,4'-DDE

R.T.: 6.192 min
Delta R.T.: -0.001 min
Response: 177987726
Conc: 60.50 ng/ml



#12 4,4'-DDE

R.T.: 5.222 min
Delta R.T.: -0.004 min
Response: 280147224
Conc: 60.27 ng/ml m



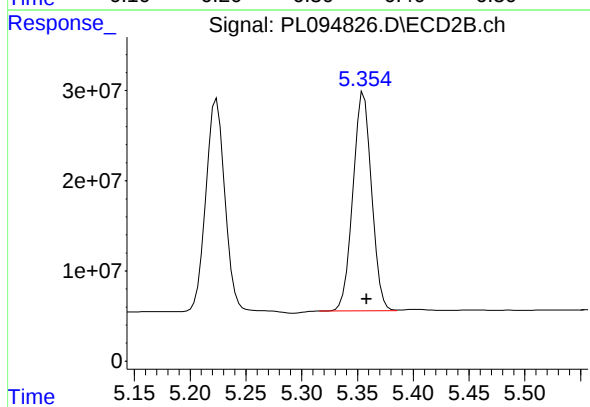
#13 Dieldrin

R.T.: 6.343 min
Delta R.T.: 0.000 min
Response: 179858912
Conc: 56.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167250BSD

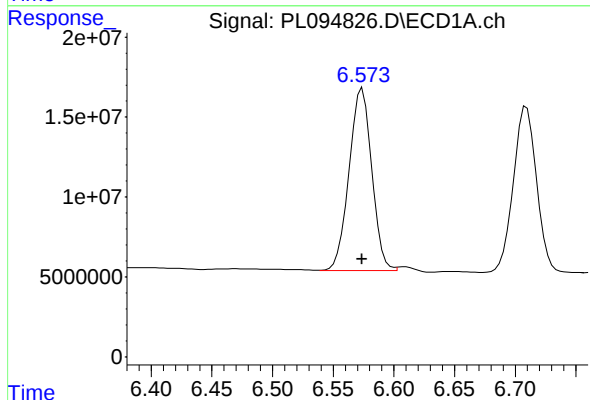
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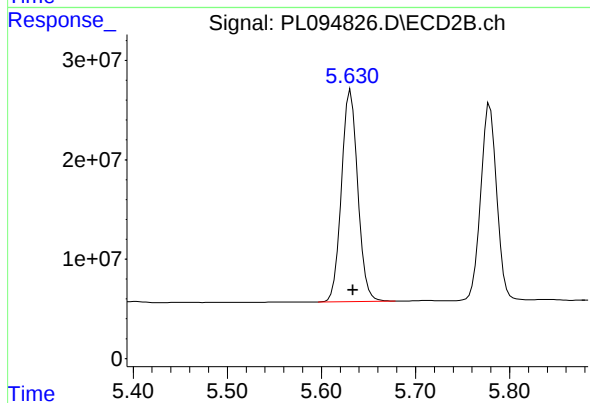
#13 Dieldrin

R.T.: 5.354 min
Delta R.T.: -0.004 min
Response: 282524724
Conc: 58.23 ng/ml



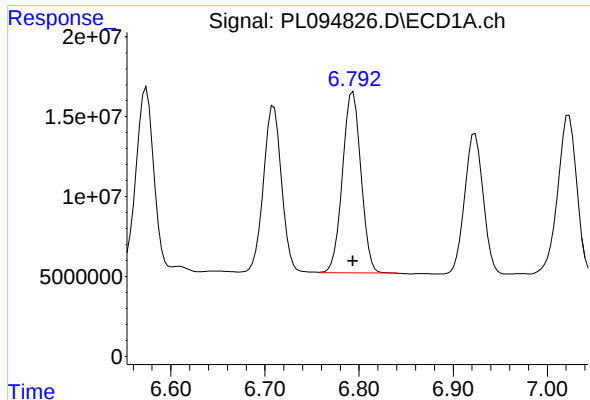
#14 Endrin

R.T.: 6.573 min
Delta R.T.: -0.001 min
Response: 148745213
Conc: 53.66 ng/ml



#14 Endrin

R.T.: 5.630 min
Delta R.T.: -0.004 min
Response: 256413261
Conc: 58.76 ng/ml



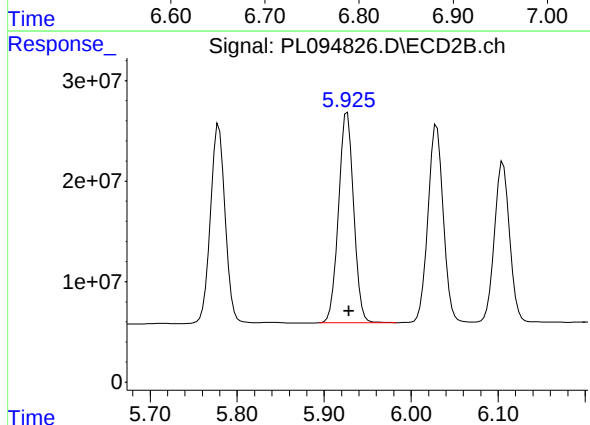
#15 Endosulfan II

R.T.: 6.794 min
Delta R.T.: 0.000 min
Response: 154536170
Conc: 56.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167250BSD

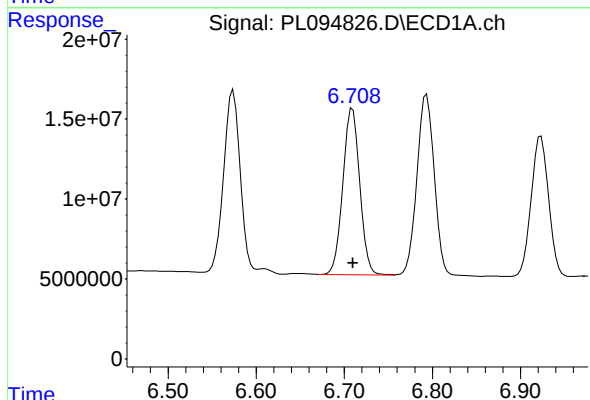
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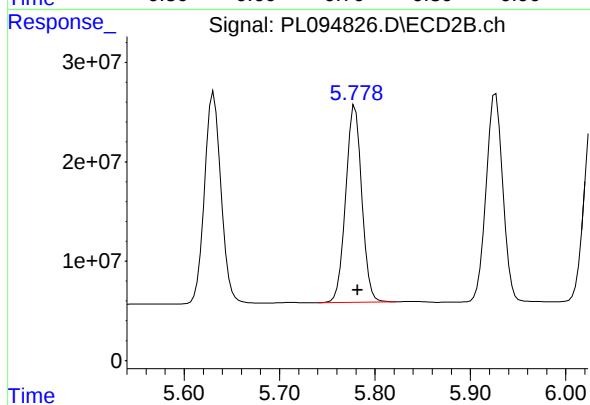
#15 Endosulfan II

R.T.: 5.927 min
Delta R.T.: -0.002 min
Response: 253585512
Conc: 58.59 ng/ml



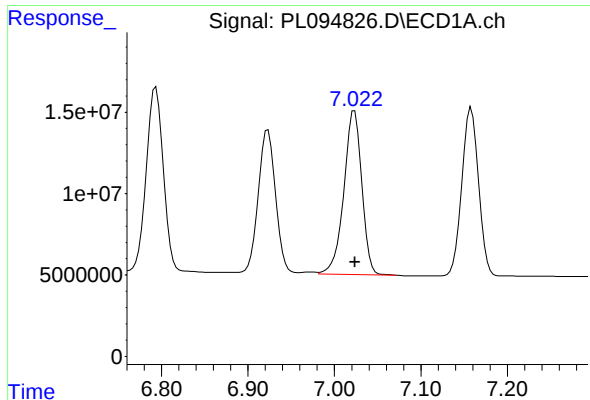
#16 4,4'-DDD

R.T.: 6.709 min
Delta R.T.: 0.000 min
Response: 138788904
Conc: 64.07 ng/ml



#16 4,4'-DDD

R.T.: 5.779 min
Delta R.T.: -0.003 min
Response: 233073100
Conc: 64.82 ng/ml



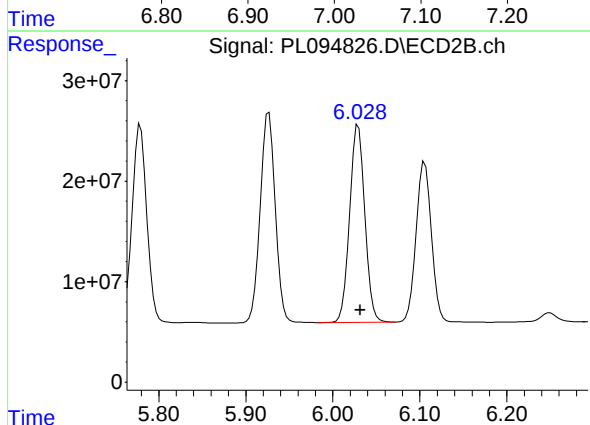
#17 4,4'-DDT

R.T.: 7.023 min
Delta R.T.: 0.000 min
Response: 143906633
Conc: 60.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167250BSD

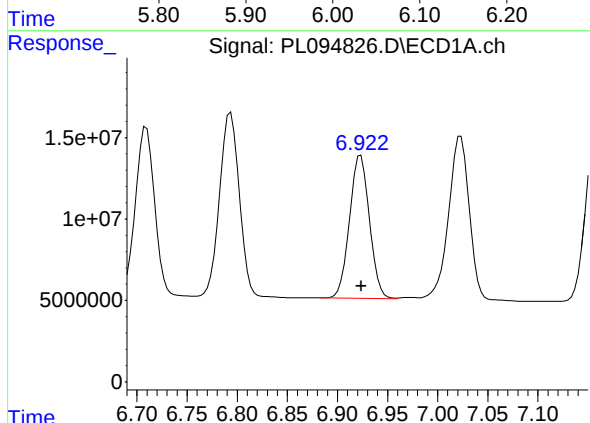
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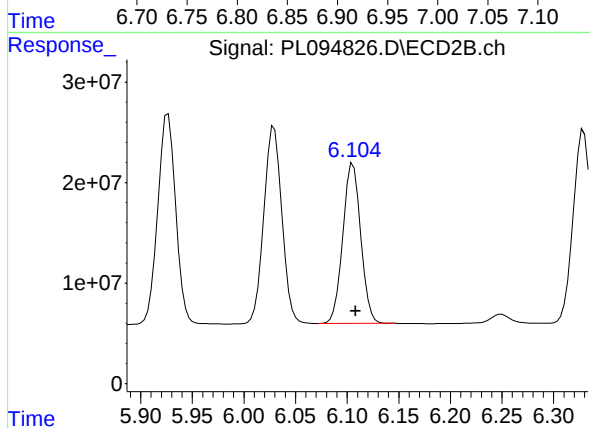
#17 4,4'-DDT

R.T.: 6.029 min
Delta R.T.: -0.002 min
Response: 240026595
Conc: 59.53 ng/ml



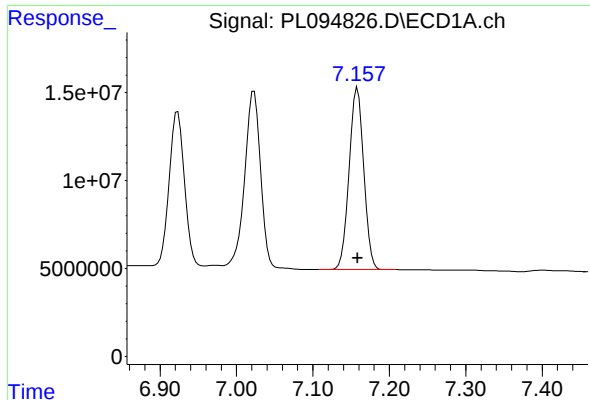
#18 Endrin aldehyde

R.T.: 6.923 min
Delta R.T.: 0.000 min
Response: 121761408
Conc: 57.68 ng/ml



#18 Endrin aldehyde

R.T.: 6.106 min
Delta R.T.: -0.003 min
Response: 192847720
Conc: 57.30 ng/ml



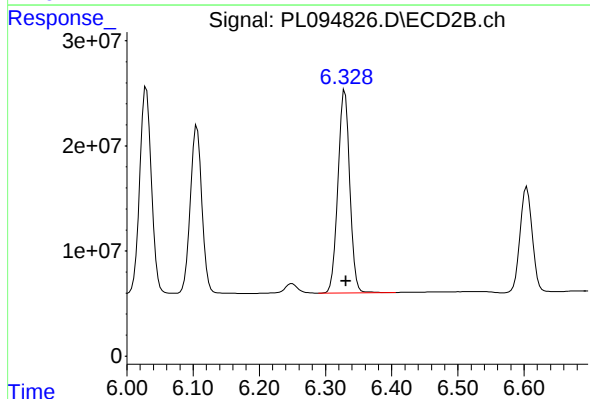
#19 Endosulfan Sulfate

R.T.: 7.158 min
Delta R.T.: 0.000 min
Response: 139052701
Conc: 57.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167250BSD

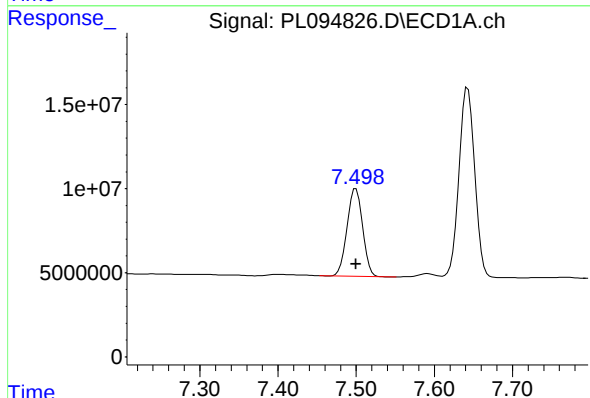
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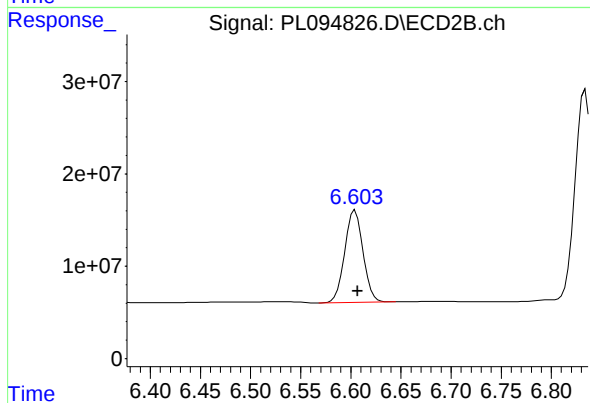
#19 Endosulfan Sulfate

R.T.: 6.329 min
Delta R.T.: -0.002 min
Response: 238879447
Conc: 58.64 ng/ml



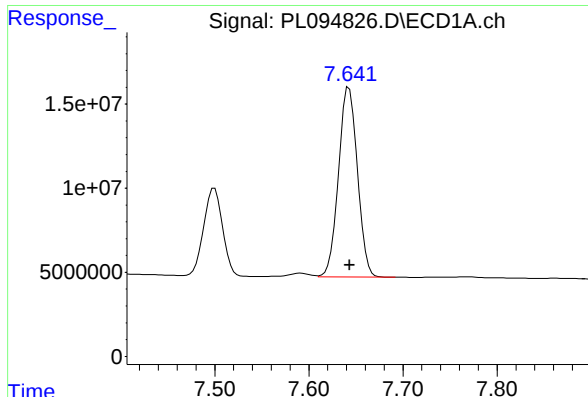
#20 Methoxychlor

R.T.: 7.500 min
Delta R.T.: 0.000 min
Response: 71974125
Conc: 60.13 ng/ml



#20 Methoxychlor

R.T.: 6.604 min
Delta R.T.: -0.003 min
Response: 127278145
Conc: 60.01 ng/ml



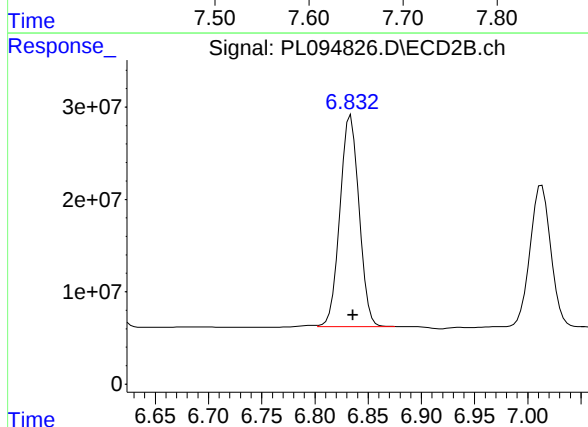
#21 Endrin ketone

R.T.: 7.643 min
Delta R.T.: 0.000 min
Response: 157770989
Conc: 59.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167250BSD

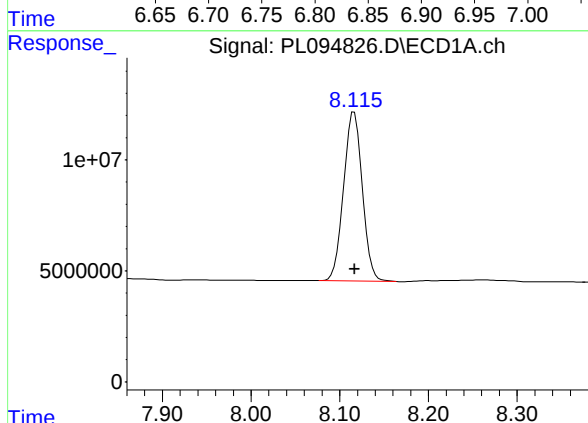
Manual Integrations
APPROVED

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



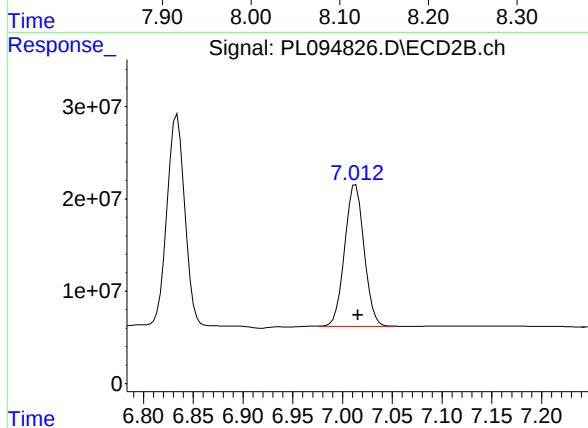
#21 Endrin ketone

R.T.: 6.832 min
Delta R.T.: -0.003 min
Response: 285529909
Conc: 59.83 ng/ml m



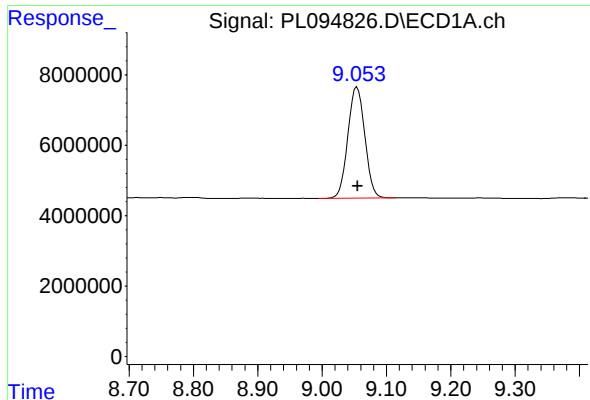
#22 Mirex

R.T.: 8.116 min
Delta R.T.: 0.000 min
Response: 112029144
Conc: 54.22 ng/ml



#22 Mirex

R.T.: 7.012 min
Delta R.T.: -0.004 min
Response: 209459905
Conc: 55.19 ng/ml m



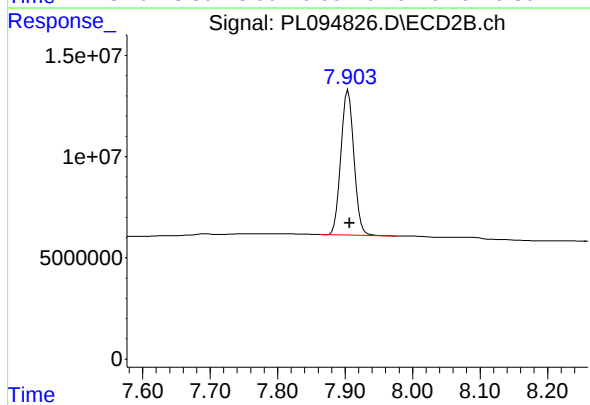
#28 Decachlorobiphenyl

R.T.: 9.054 min
Delta R.T.: -0.001 min
Response: 57959341
Conc: 27.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167250BSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.904 min
Delta R.T.: -0.002 min
Response: 96389226
Conc: 23.86 ng/ml