

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031725\
 Data File : PL094706.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Mar 2025 11:38
 Operator : AR\AJ
 Sample : Q1566-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 CTWK-COMPMSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/18/2025
 Supervised By :mohammad ahmed 03/19/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 18 01:13:56 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	2.769	66737105	80198526	23.576	22.469m
28)	SA Decachlor...	9.052	7.904	52234901	84331770	24.786m	20.878m
Target Compounds							
2)	A alpha-BHC	3.993	3.271	213.0E6	282.3E6	51.299	52.361m
3)	MA gamma-BHC...	4.325	3.603	207.6E6	272.9E6	52.030	53.101
4)	MA Heptachlor	4.914	3.940	197.7E6	273.5E6	50.937	51.918
5)	MB Aldrin	5.255	4.219	187.6E6	259.6E6	50.801	53.239
6)	B beta-BHC	4.525	3.903	97956979	126.2E6	53.087	56.831
7)	B delta-BHC	4.771	4.131	175.7E6	218.8E6	45.127	43.751
8)	B Heptachlo...	5.682	4.722	165.2E6	241.1E6	49.370	52.660
9)	A Endosulfan I	6.068	5.092	154.1E6	219.0E6	50.190	49.911
10)	B gamma-Chl...	5.938	4.971	177.4E6	253.9E6	52.646	52.581m
11)	B alpha-Chl...	6.017	5.035	166.2E6	257.6E6	50.414	53.980
12)	B 4,4'-DDE	6.191	5.223	134.3E6	245.2E6	45.665	52.740m
13)	MA Dieldrin	6.343	5.354	166.0E6	258.6E6	51.912	53.292m
14)	MA Endrin	6.572	5.630	142.7E6	235.5E6	51.489m	53.970m
15)	B Endosulfa...	6.793	5.925	144.4E6	229.0E6	53.179	52.908m
16)	A 4,4'-DDD	6.709	5.778	128.1E6	197.6E6	59.122	54.947m
17)	MA 4,4'-DDT	7.022	6.029	139.1E6	220.5E6	58.468	54.683
18)	B Endrin al...	6.922	6.105	110.9E6	169.9E6	52.525m	50.496m
19)	B Endosulfa...	7.157	6.329	128.1E6	240.9E6	52.655	59.147
20)	A Methoxychlor	7.499	6.603	67061123	115.5E6	56.021	54.439m
21)	B Endrin ke...	7.642	6.833	153.1E6	242.7E6	57.916m	50.858m
22)	Mirex	8.115	7.014	106.0E6	202.7E6	51.302	53.421

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031725\
Data File : PL094706.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Mar 2025 11:38
Operator : AR\AJ
Sample : Q1566-01MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

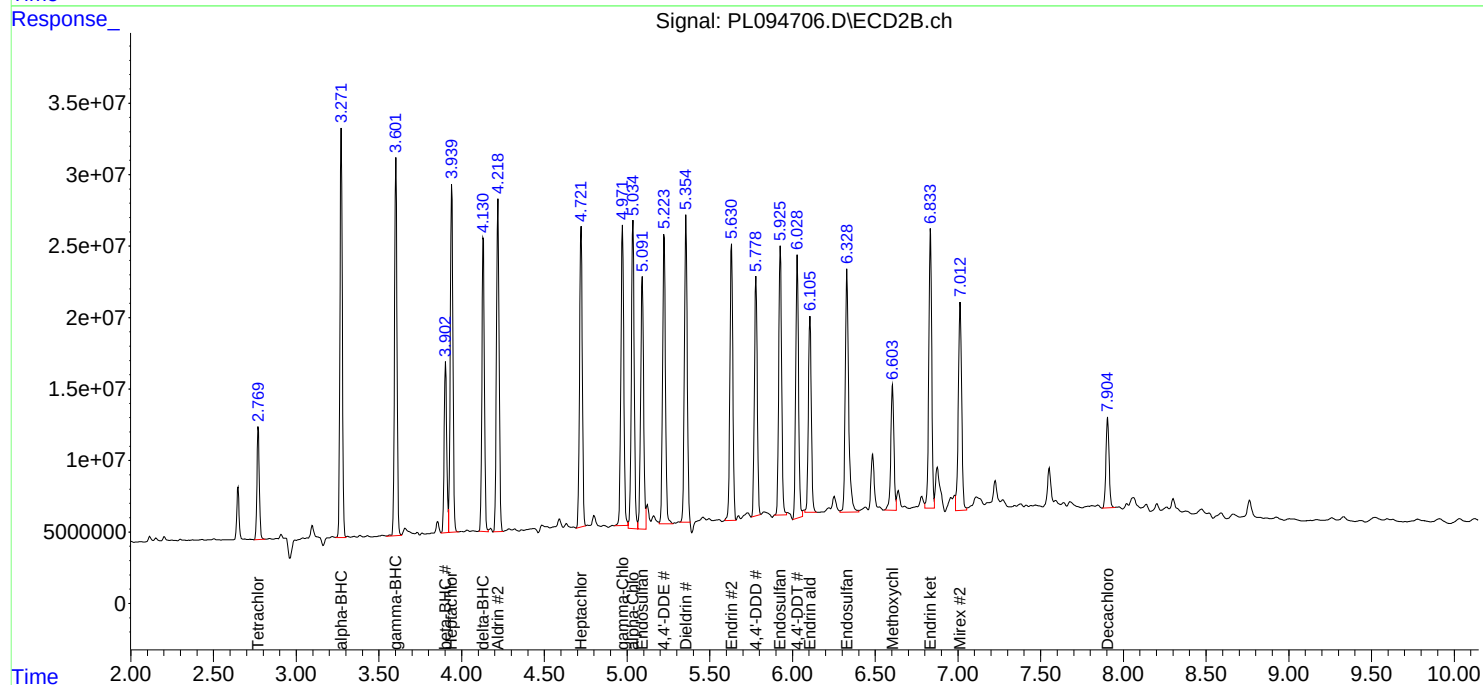
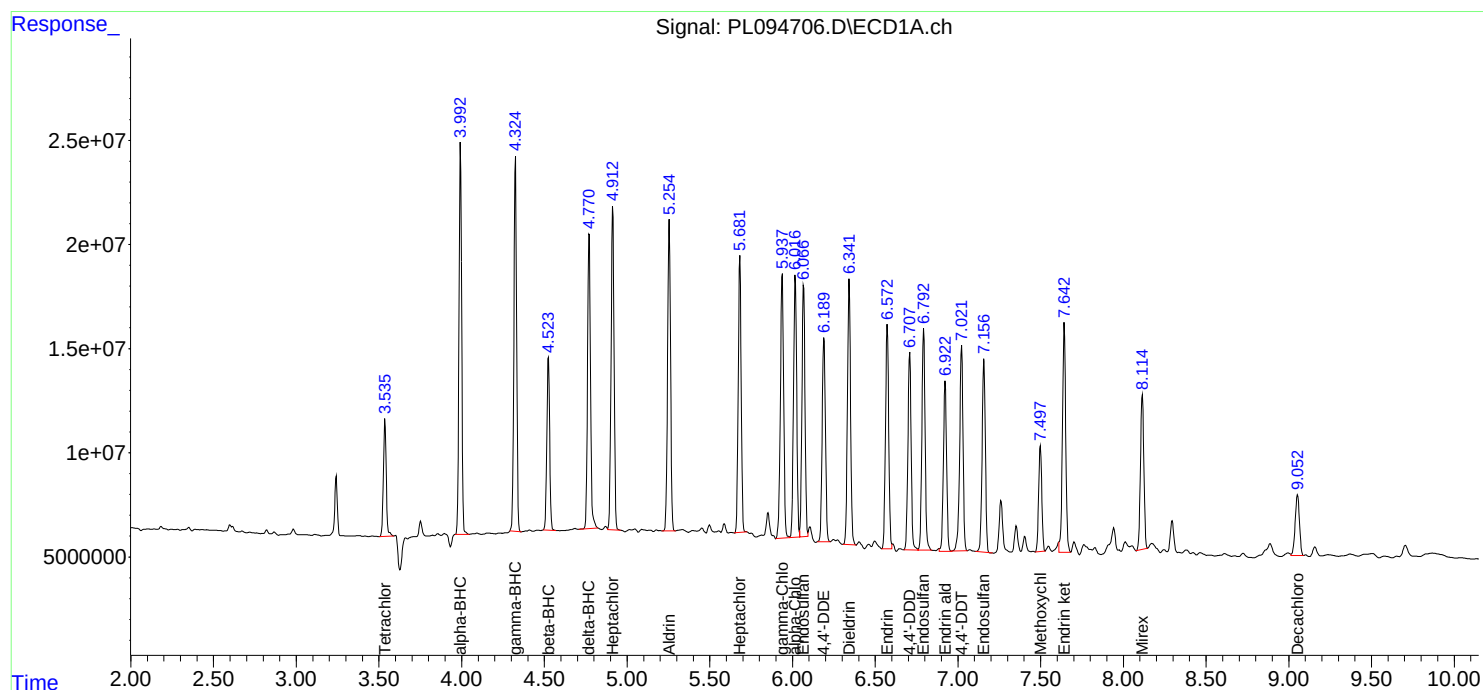
Instrument :
ECD_L
ClientSampleId :
CTWK-COMPMSD

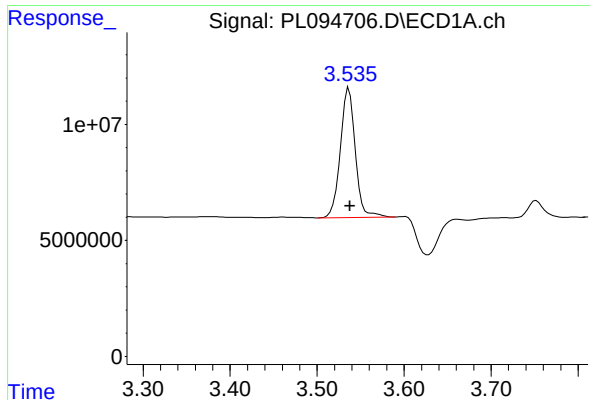
Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 03/19/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 18 01:13:56 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





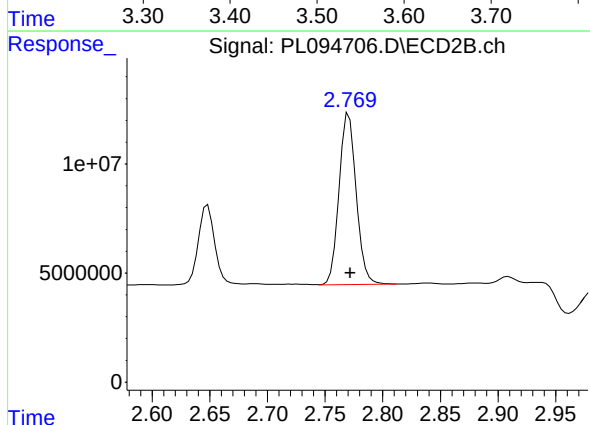
#1 Tetrachloro-m-xylene

R.T.: 3.537 min
Delta R.T.: -0.001 min
Response: 66737105
Conc: 23.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
CTWK-COMPMSD

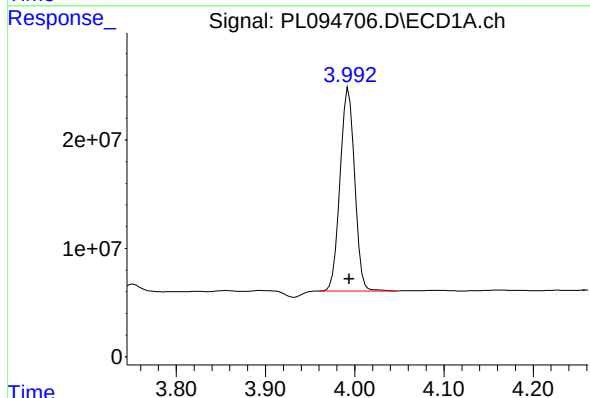
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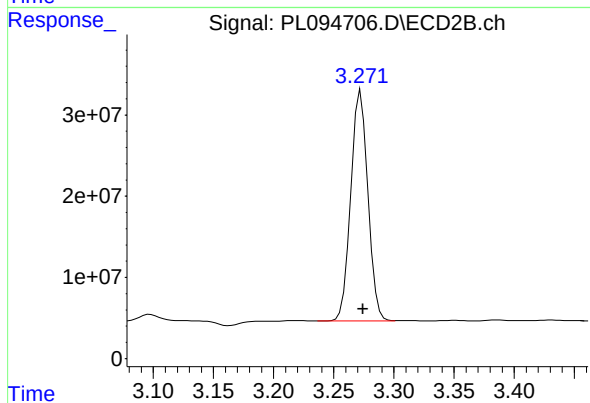
#1 Tetrachloro-m-xylene

R.T.: 2.769 min
Delta R.T.: -0.003 min
Response: 80198526
Conc: 22.47 ng/ml m



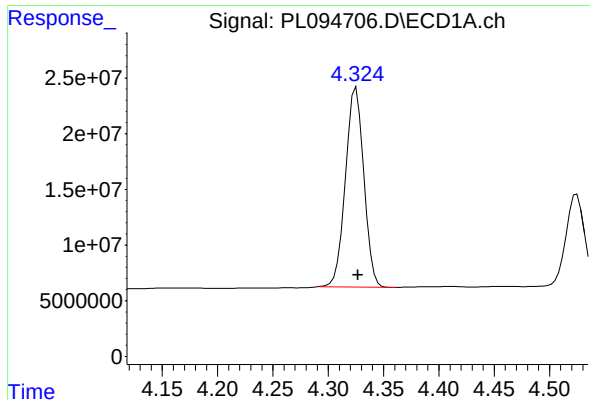
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: -0.001 min
Response: 213009985
Conc: 51.30 ng/ml



#2 alpha-BHC

R.T.: 3.271 min
Delta R.T.: -0.003 min
Response: 282295160
Conc: 52.36 ng/ml m



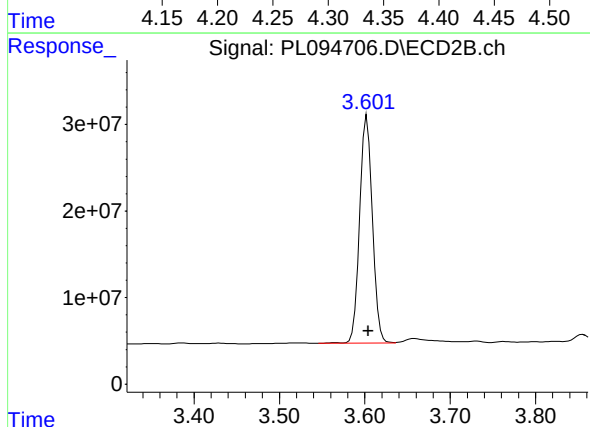
#3 gamma-BHC (Lindane)

R.T.: 4.325 min
Delta R.T.: -0.002 min
Response: 207613234
Conc: 52.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
CTWK-COMPMSD

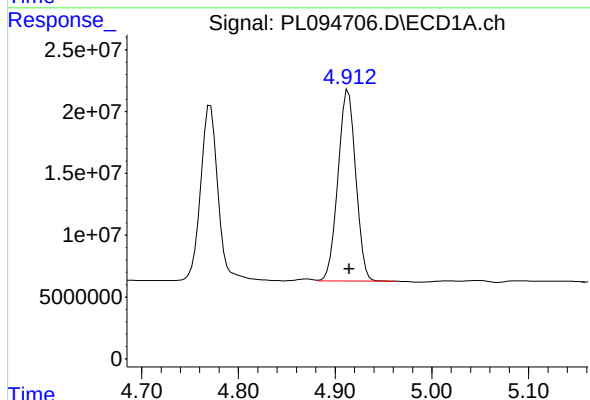
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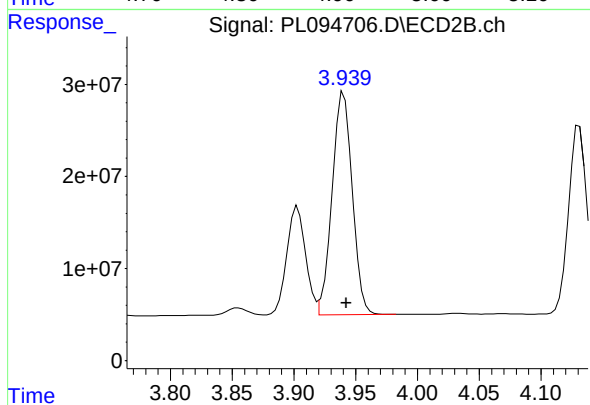
#3 gamma-BHC (Lindane)

R.T.: 3.603 min
Delta R.T.: -0.002 min
Response: 272908224
Conc: 53.10 ng/ml



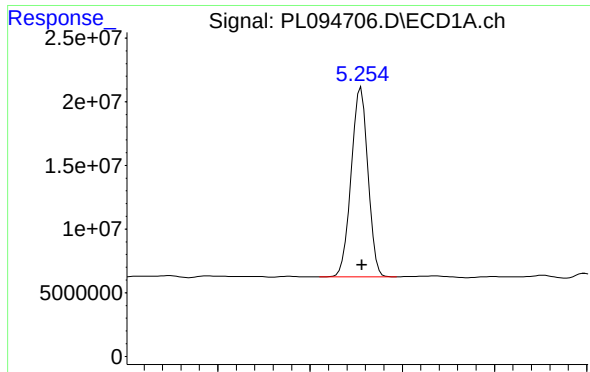
#4 Heptachlor

R.T.: 4.914 min
Delta R.T.: 0.000 min
Response: 197718248
Conc: 50.94 ng/ml



#4 Heptachlor

R.T.: 3.940 min
Delta R.T.: -0.002 min
Response: 273537483
Conc: 51.92 ng/ml



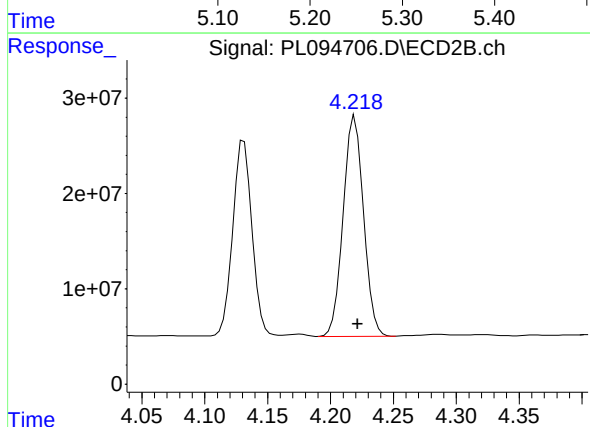
#5 Aldrin

R.T.: 5.255 min
Delta R.T.: 0.000 min
Response: 187569140
Conc: 50.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
CTWK-COMPMSD

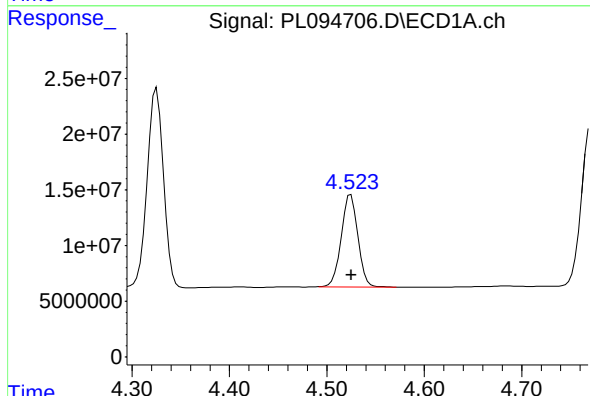
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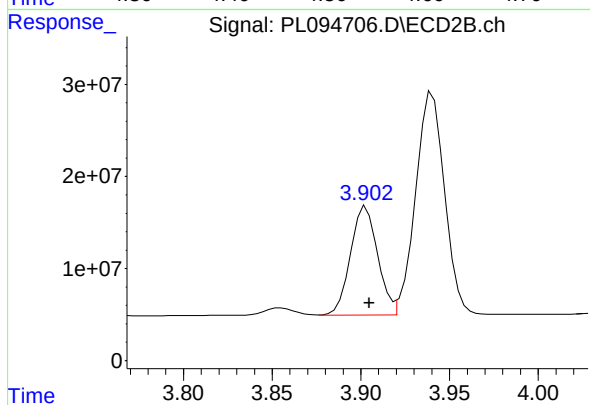
#5 Aldrin

R.T.: 4.219 min
Delta R.T.: -0.002 min
Response: 259613629
Conc: 53.24 ng/ml



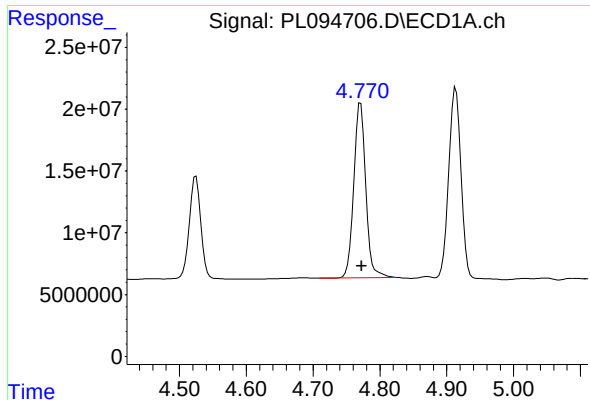
#6 beta-BHC

R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 97956979
Conc: 53.09 ng/ml



#6 beta-BHC

R.T.: 3.903 min
Delta R.T.: -0.002 min
Response: 126238312
Conc: 56.83 ng/ml



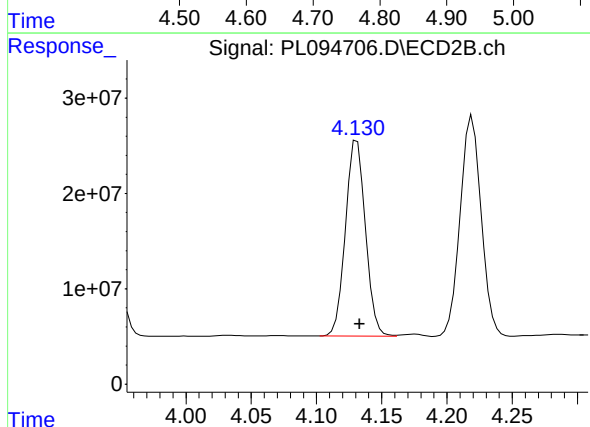
#7 delta-BHC

R.T.: 4.771 min
Delta R.T.: -0.002 min
Response: 175739099
Conc: 45.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
CTWK-COMPMSD

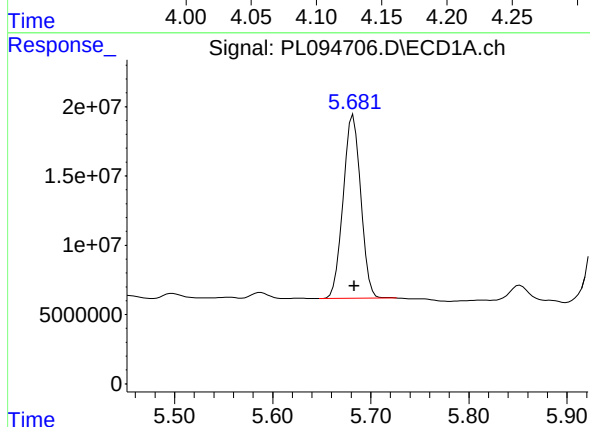
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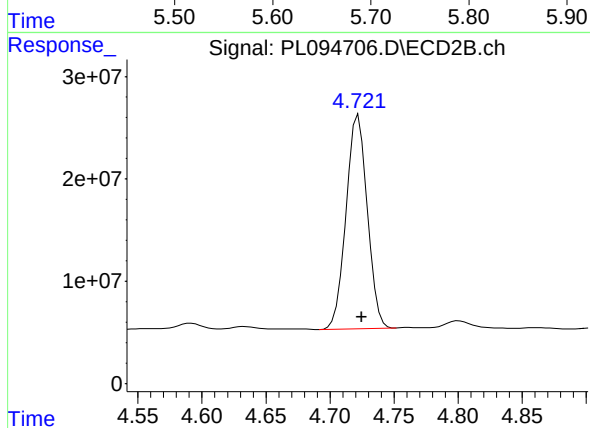
#7 delta-BHC

R.T.: 4.131 min
Delta R.T.: -0.002 min
Response: 218839833
Conc: 43.75 ng/ml



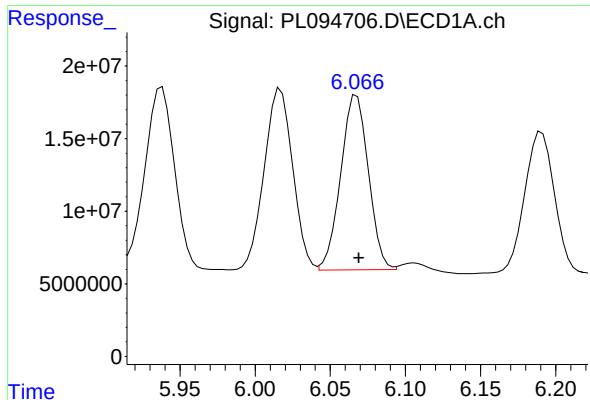
#8 Heptachlor epoxide

R.T.: 5.682 min
Delta R.T.: 0.000 min
Response: 165152056
Conc: 49.37 ng/ml



#8 Heptachlor epoxide

R.T.: 4.722 min
Delta R.T.: -0.002 min
Response: 241107035
Conc: 52.66 ng/ml



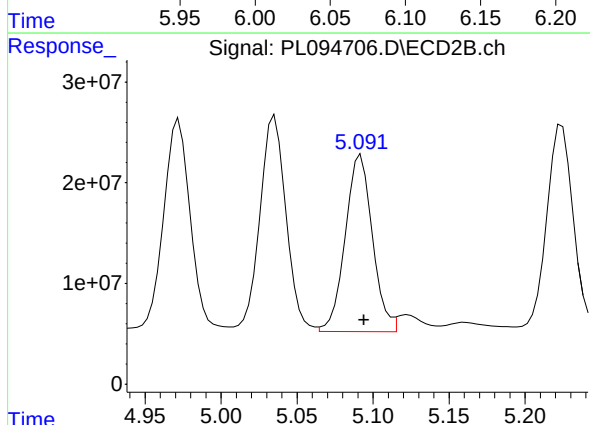
#9 Endosulfan I

R.T.: 6.068 min
Delta R.T.: -0.001 min
Response: 154093470
Conc: 50.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
CTWK-COMPMSD

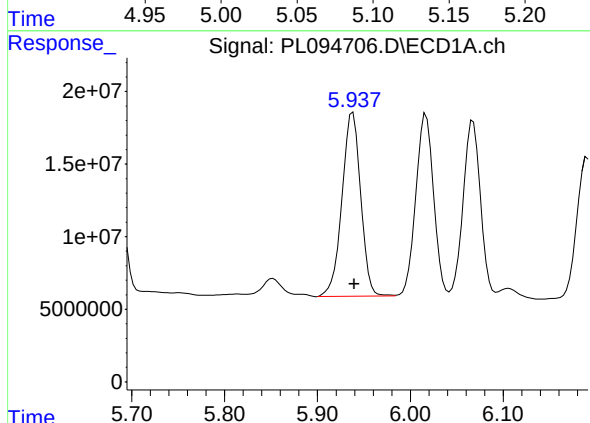
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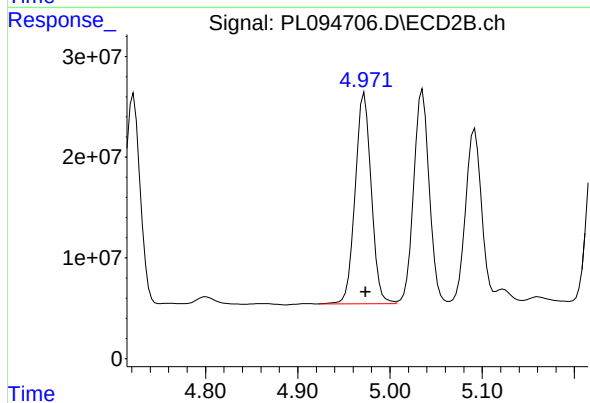
#9 Endosulfan I

R.T.: 5.092 min
Delta R.T.: -0.002 min
Response: 219047411
Conc: 49.91 ng/ml



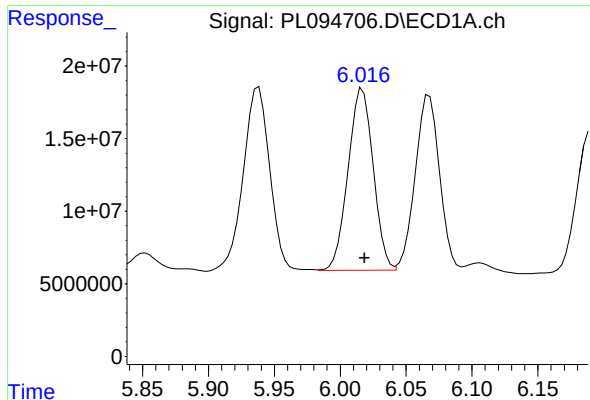
#10 gamma-Chlordane

R.T.: 5.938 min
Delta R.T.: -0.001 min
Response: 177384137
Conc: 52.65 ng/ml



#10 gamma-Chlordane

R.T.: 4.971 min
Delta R.T.: -0.003 min
Response: 253884714
Conc: 52.58 ng/ml m



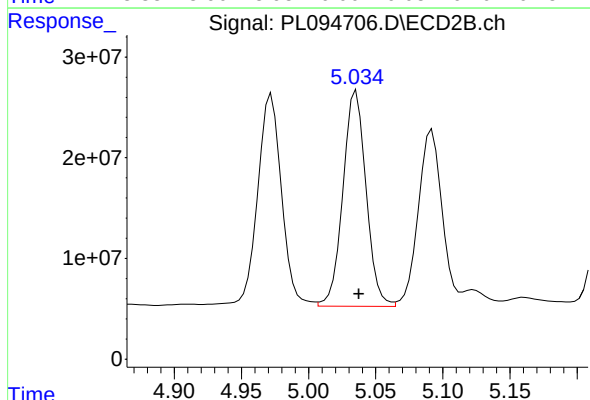
#11 alpha-Chlordane

R.T.: 6.017 min
Delta R.T.: -0.001 min
Response: 166208486
Conc: 50.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
CTWK-COMPMSD

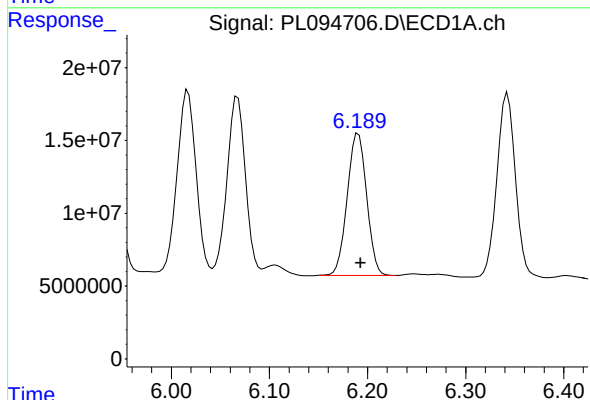
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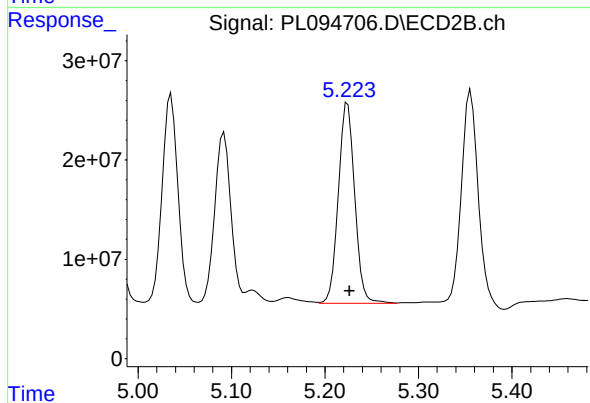
#11 alpha-Chlordane

R.T.: 5.035 min
Delta R.T.: -0.002 min
Response: 257633157
Conc: 53.98 ng/ml



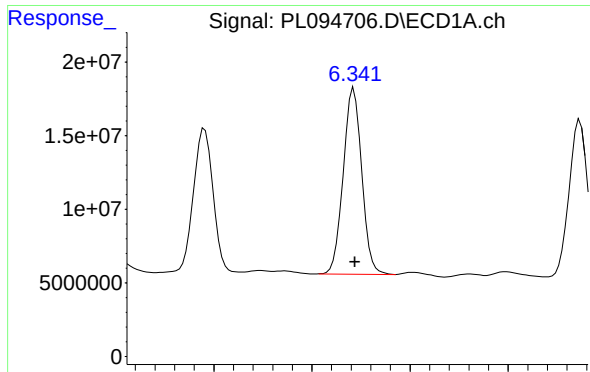
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: -0.002 min
Response: 134349959
Conc: 45.67 ng/ml



#12 4,4'-DDE

R.T.: 5.223 min
Delta R.T.: -0.004 min
Response: 245164634
Conc: 52.74 ng/ml m



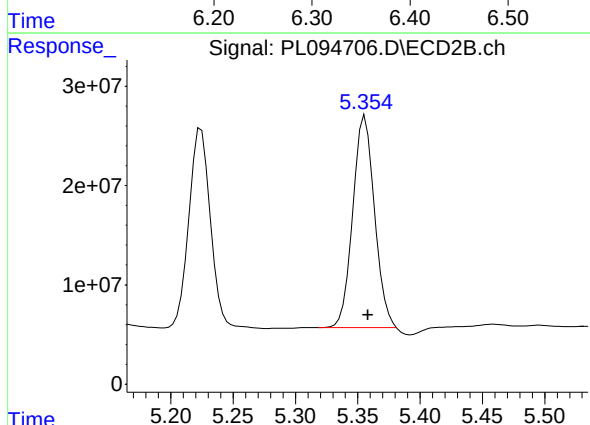
#13 Dieldrin

R.T.: 6.343 min
Delta R.T.: -0.001 min
Response: 166020229
Conc: 51.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
CTWK-COMPMSD

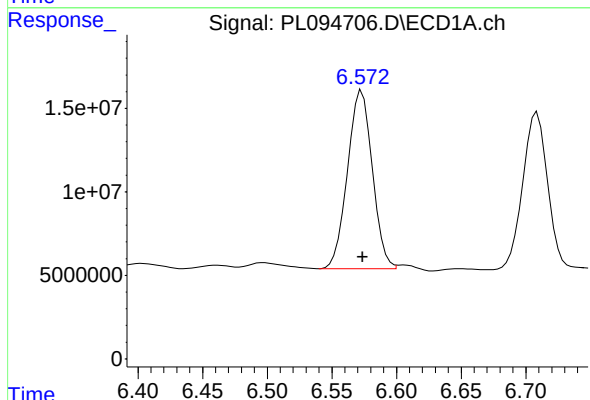
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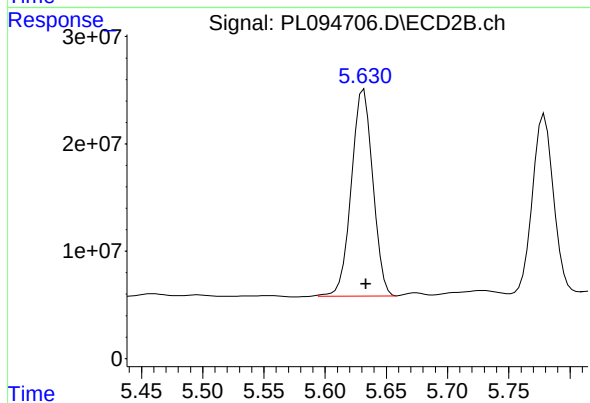
#13 Dieldrin

R.T.: 5.354 min
Delta R.T.: -0.004 min
Response: 258561459
Conc: 53.29 ng/ml m



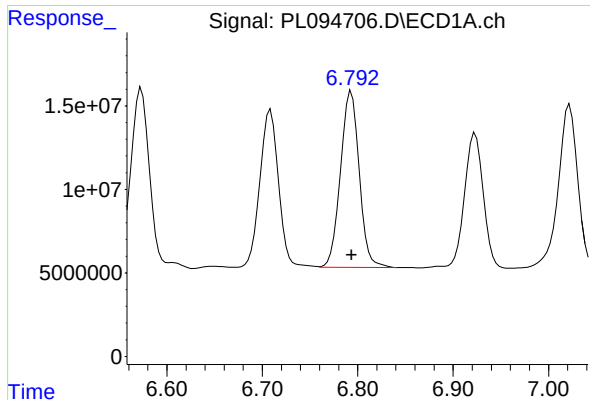
#14 Endrin

R.T.: 6.572 min
Delta R.T.: -0.002 min
Response: 142731549
Conc: 51.49 ng/ml m



#14 Endrin

R.T.: 5.630 min
Delta R.T.: -0.003 min
Response: 235505231
Conc: 53.97 ng/ml m



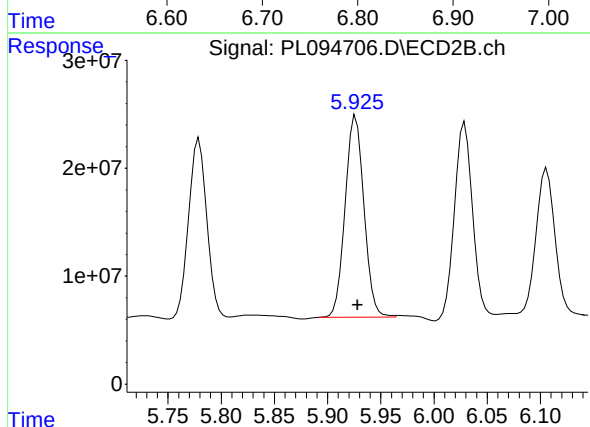
#15 Endosulfan II

R.T.: 6.793 min
Delta R.T.: 0.000 min
Response: 144367712
Conc: 53.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
CTWK-COMPMSD

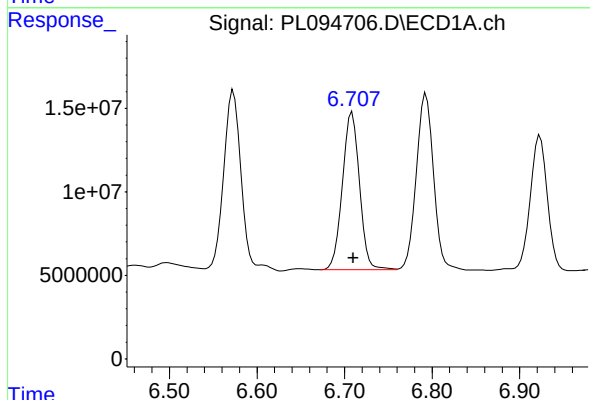
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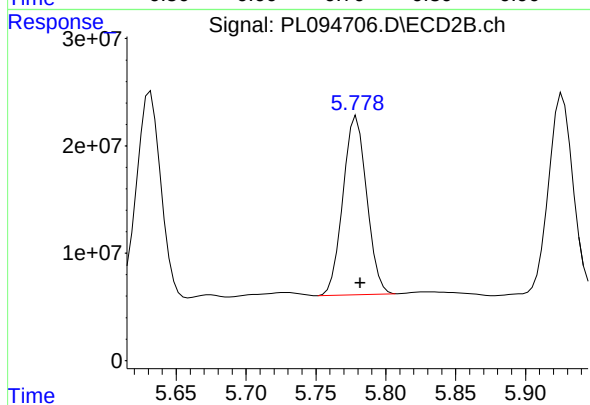
#15 Endosulfan II

R.T.: 5.925 min
Delta R.T.: -0.003 min
Response: 228999818
Conc: 52.91 ng/ml m



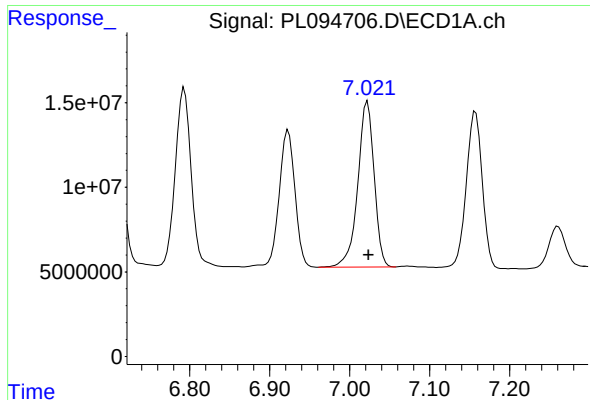
#16 4,4'-DDD

R.T.: 6.709 min
Delta R.T.: -0.001 min
Response: 128063064
Conc: 59.12 ng/ml



#16 4,4'-DDD

R.T.: 5.778 min
Delta R.T.: -0.004 min
Response: 197583453
Conc: 54.95 ng/ml m



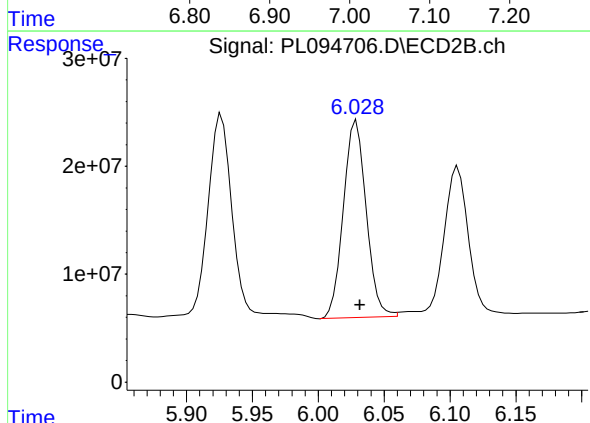
#17 4,4'-DDT

R.T.: 7.022 min
Delta R.T.: -0.002 min
Response: 139067614
Conc: 58.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
CTWK-COMPMSD

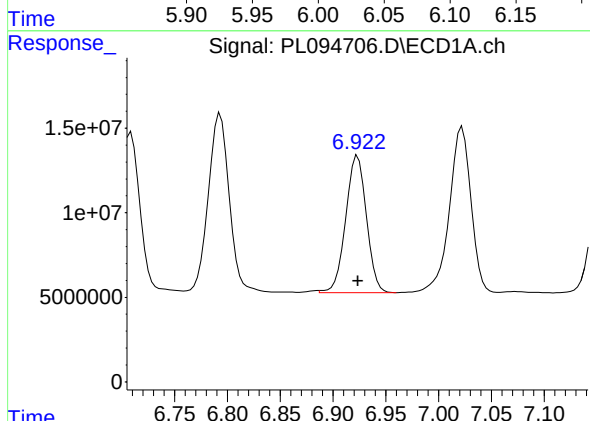
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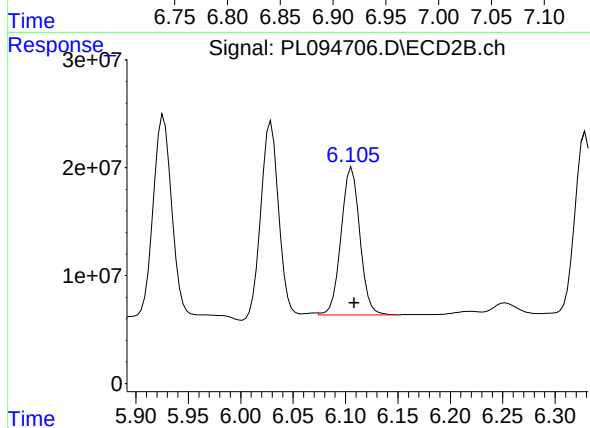
#17 4,4'-DDT

R.T.: 6.029 min
Delta R.T.: -0.003 min
Response: 220489703
Conc: 54.68 ng/ml



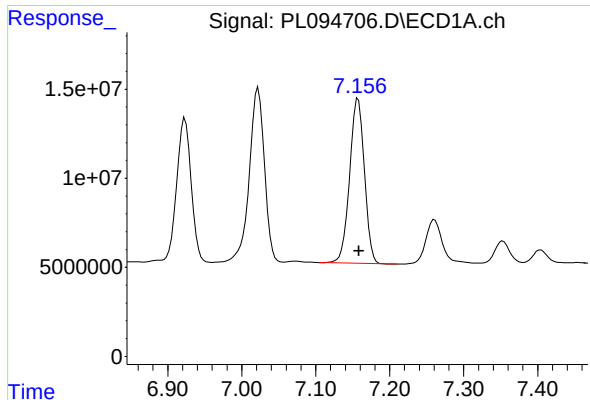
#18 Endrin aldehyde

R.T.: 6.922 min
Delta R.T.: -0.002 min
Response: 110880467
Conc: 52.53 ng/ml m



#18 Endrin aldehyde

R.T.: 6.105 min
Delta R.T.: -0.004 min
Response: 169937153
Conc: 50.50 ng/ml m



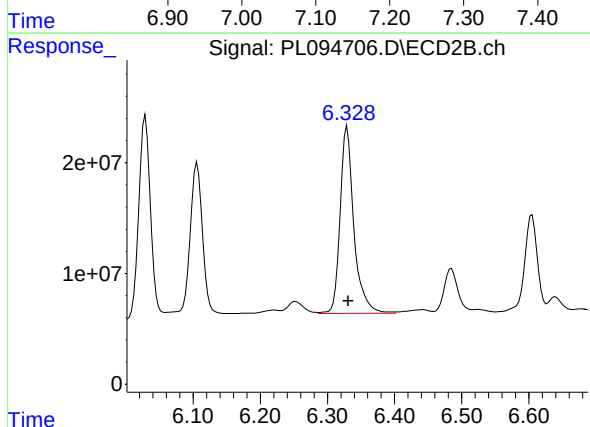
#19 Endosulfan Sulfate

R.T.: 7.157 min
Delta R.T.: -0.001 min
Response: 128058416
Conc: 52.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
CTWK-COMPMSD

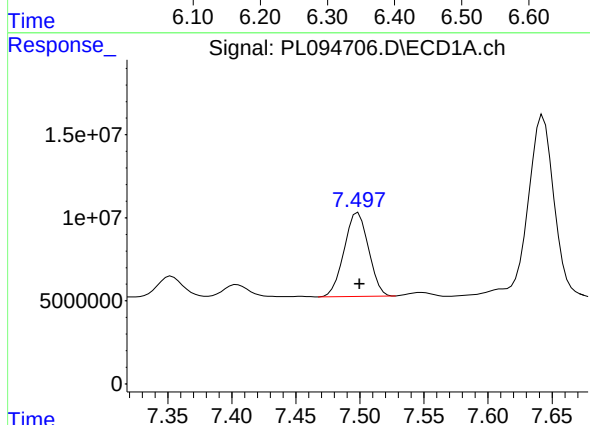
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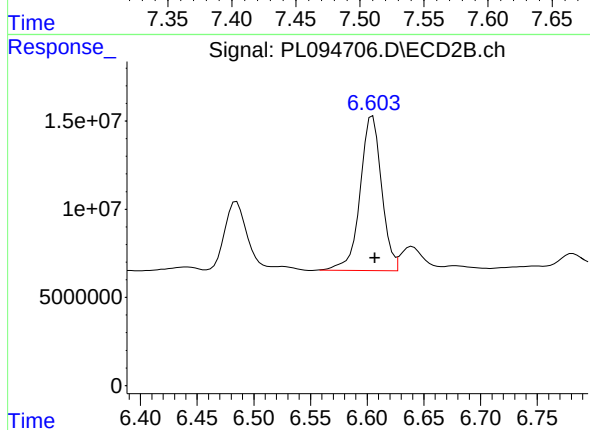
#19 Endosulfan Sulfate

R.T.: 6.329 min
Delta R.T.: -0.002 min
Response: 240929655
Conc: 59.15 ng/ml



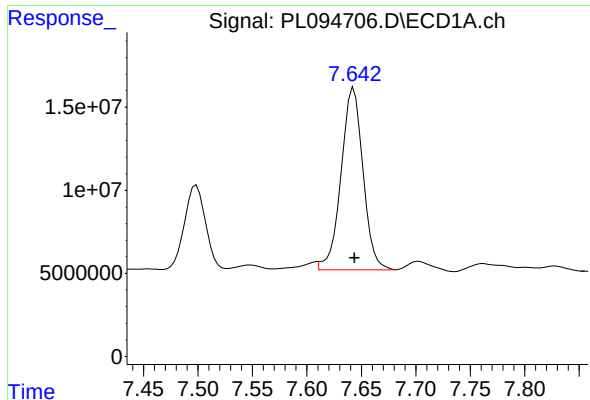
#20 Methoxychlor

R.T.: 7.499 min
Delta R.T.: -0.001 min
Response: 67061123
Conc: 56.02 ng/ml



#20 Methoxychlor

R.T.: 6.603 min
Delta R.T.: -0.003 min
Response: 115469561
Conc: 54.44 ng/ml m



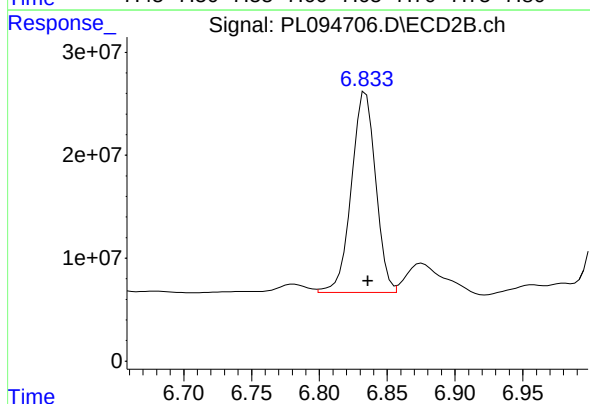
#21 Endrin ketone

R.T.: 7.642 min
Delta R.T.: -0.002 min
Response: 153086980
Conc: 57.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
CTWK-COMPMSD

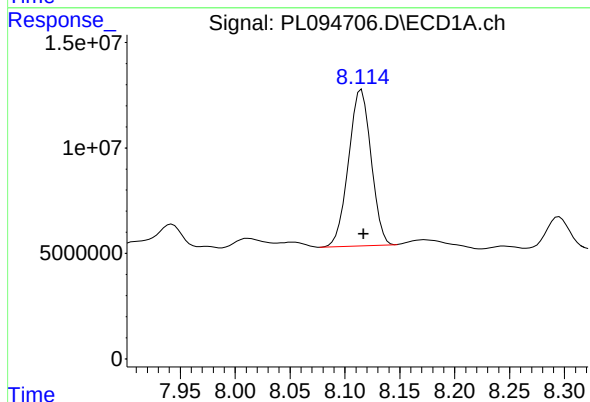
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/18/2025
Supervised By :mohammad ahmed 03/19/2025



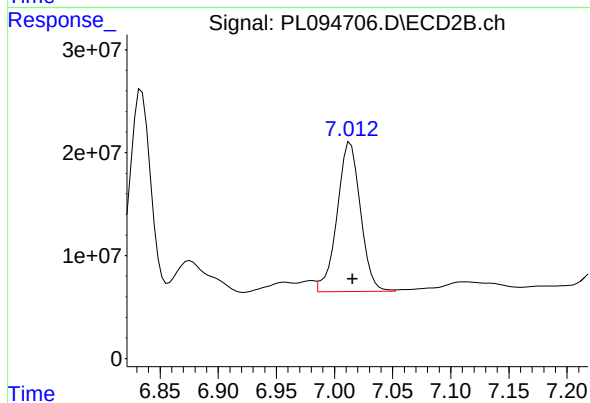
#21 Endrin ketone

R.T.: 6.833 min
Delta R.T.: -0.003 min
Response: 242721957
Conc: 50.86 ng/ml



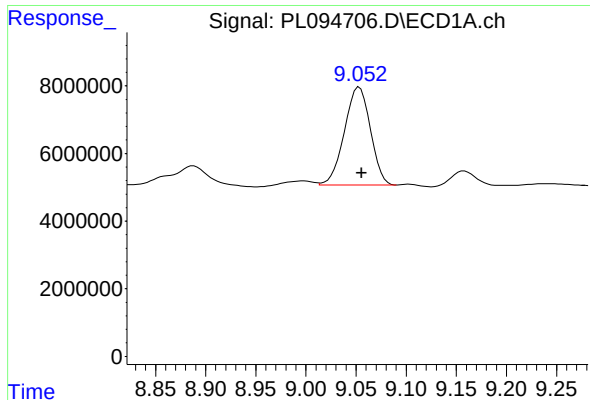
#22 Mirex

R.T.: 8.115 min
Delta R.T.: -0.002 min
Response: 106004950
Conc: 51.30 ng/ml



#22 Mirex

R.T.: 7.014 min
Delta R.T.: -0.002 min
Response: 202748478
Conc: 53.42 ng/ml



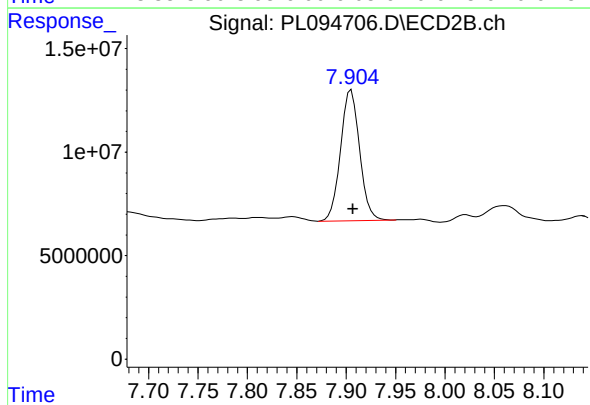
#28 Decachlorobiphenyl

R.T.: 9.052 min
Delta R.T.: -0.004 min
Response: 52234901
Conc: 24.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
CTWK-COMPMSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.904 min
Delta R.T.: -0.003 min
Response: 84331770
Conc: 20.88 ng/ml m