

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041525\
 Data File : PL095226.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Apr 2025 11:21
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/16/2025
 Supervised By :mohammad ahmed 04/16/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 15 12:01:16 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL041425.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 14 19:12:49 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...	3.539	2.768	139.0E6	175.5E6	50.653	47.175
2)	SA Decachlor...	9.058	7.901	117.1E6	214.9E6	48.623	48.842
Target Compounds							
2)	A alpha-BHC	3.994	3.270	208.2E6	269.1E6	51.802	48.598
3)	MA gamma-BHC...	4.327	3.599	198.5E6	243.1E6	51.608	46.183
4)	MA Heptachlor	4.915	3.937	190.0E6	260.3E6	51.812	50.057
5)	MB Aldrin	5.257	4.216	183.9E6	243.2E6	52.123	49.899
6)	B beta-BHC	4.527	3.900	86080917	106.9E6	49.097	46.144
7)	B delta-BHC	4.774	4.128	186.9E6	253.3E6	47.689	49.002
8)	B Heptachlo...	5.684	4.719	161.5E6	226.7E6	50.297	49.614
9)	A Endosulfan I	6.070	5.088	160.5E6	214.4E6	51.806	49.384
10)	B gamma-Chl...	5.940	4.968	171.8E6	241.6E6	51.417	50.151
11)	B alpha-Chl...	6.019	5.032	171.3E6	238.4E6	51.604	50.293
12)	B 4,4'-DDE	6.193	5.221	163.2E6	243.5E6	49.915	50.571
13)	MA Dieldrin	6.345	5.352	170.6E6	245.7E6	51.771	51.178
14)	MA Endrin	6.573	5.629	144.5E6	212.3E6	55.433m	50.816
15)	B Endosulfa...	6.796	5.923	147.4E6	215.5E6	51.678	49.082
16)	A 4,4'-DDD	6.712	5.776	123.2E6	184.4E6	48.529	47.398
17)	MA 4,4'-DDT	7.026	6.026	133.7E6	214.4E6	52.538	51.469
18)	B Endrin al...	6.925	6.103	113.5E6	171.0E6	51.551	50.754
19)	B Endosulfa...	7.161	6.326	131.1E6	211.6E6	51.017	50.672
20)	A Methoxychlor	7.503	6.601	66969361	114.5E6	49.998	50.968
21)	B Endrin ke...	7.646	6.830	141.8E6	244.3E6	49.107	48.443m
22)	Mirex	8.118	7.010	108.0E6	188.5E6	50.790	47.949

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041525\
Data File : PL095226.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Apr 2025 11:21
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

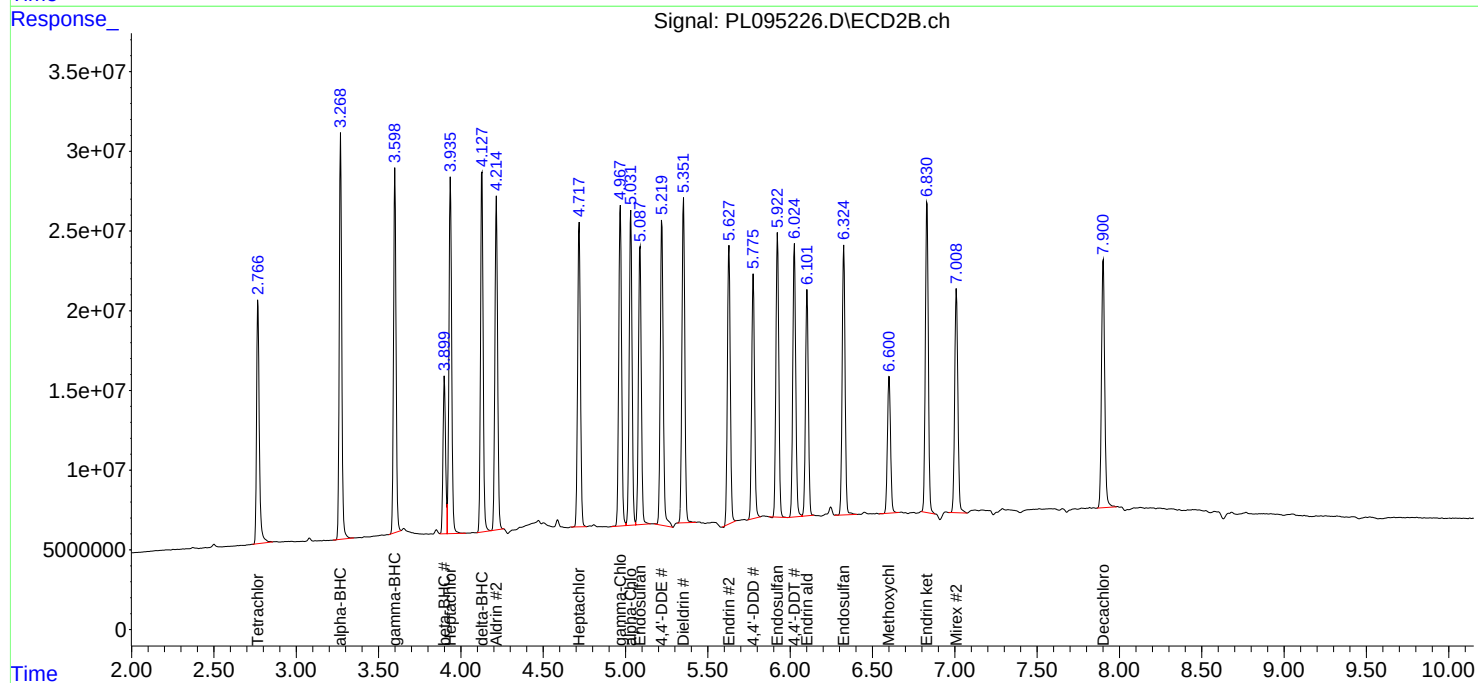
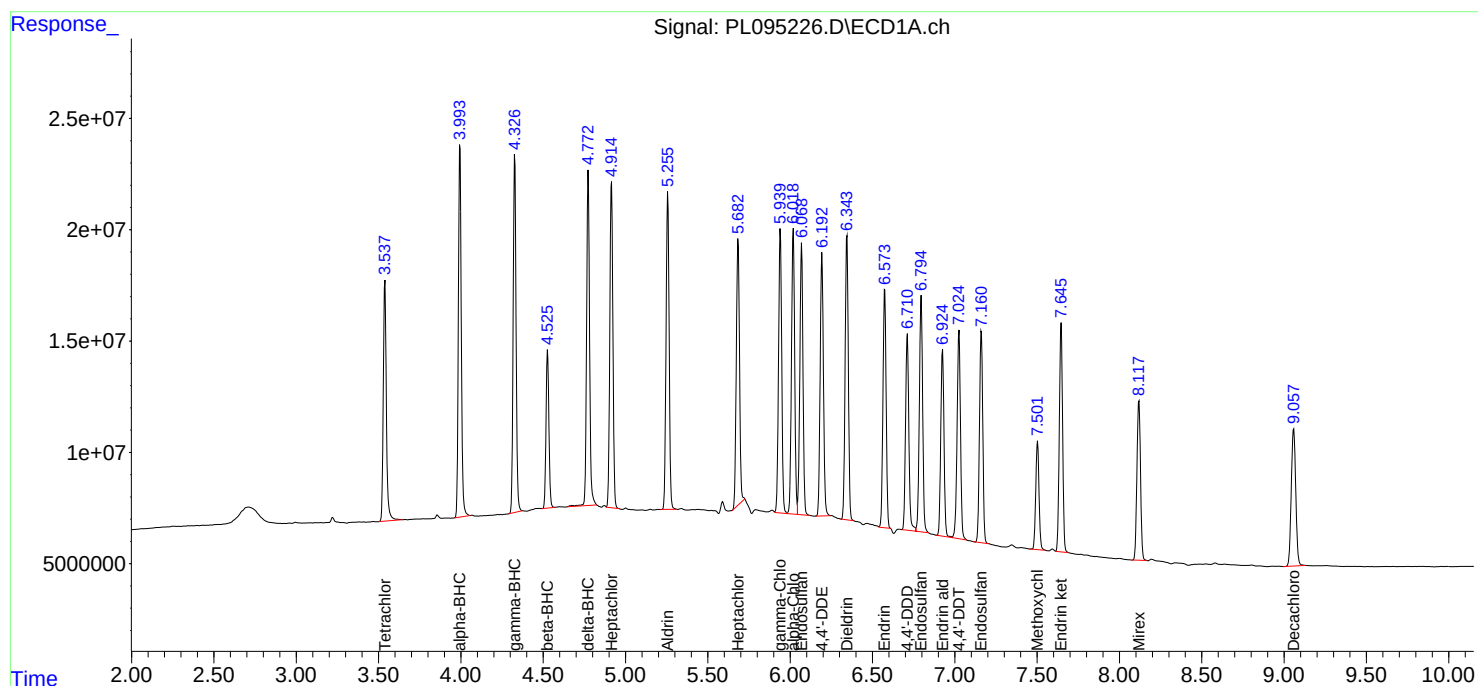
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

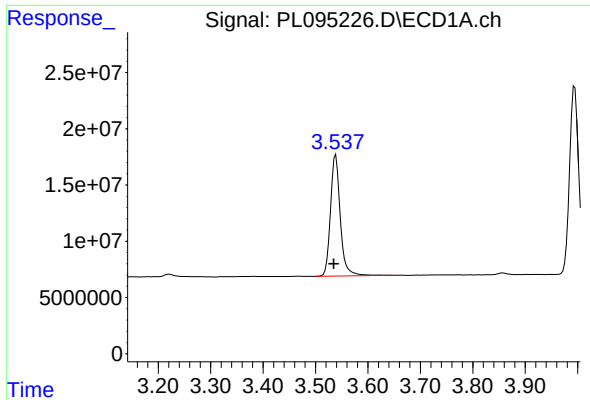
Manual Integrations
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Supervised By :mohammad ahmed 04/16/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 15 12:01:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL041425.M
Quant Title : GC Extractables
QLast Update : Mon Apr 14 19:12:49 2025
Response via : Initial Calibration
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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





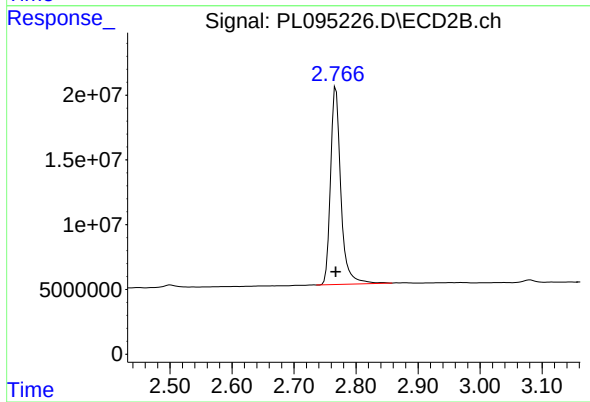
#1 Tetrachloro-m-xylene

R.T.: 3.539 min
Delta R.T.: 0.004 min
Response: 138954675
Conc: 50.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

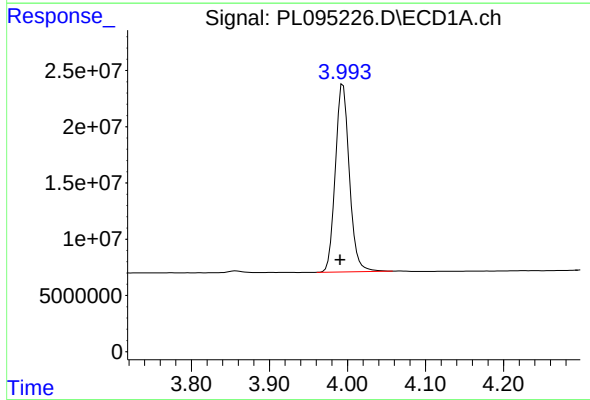
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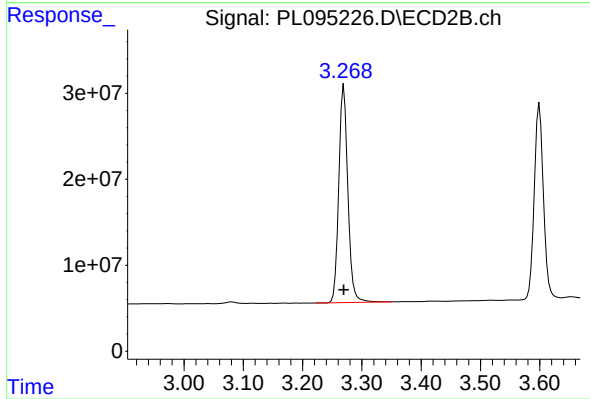
#1 Tetrachloro-m-xylene

R.T.: 2.768 min
Delta R.T.: 0.000 min
Response: 175549640
Conc: 47.18 ng/ml



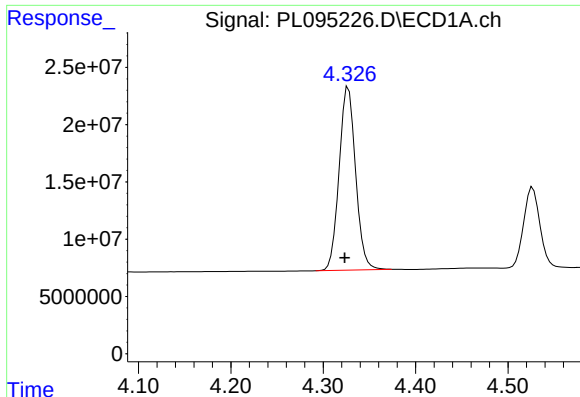
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: 0.004 min
Response: 208200141
Conc: 51.80 ng/ml



#2 alpha-BHC

R.T.: 3.270 min
Delta R.T.: 0.000 min
Response: 269108758
Conc: 48.60 ng/ml



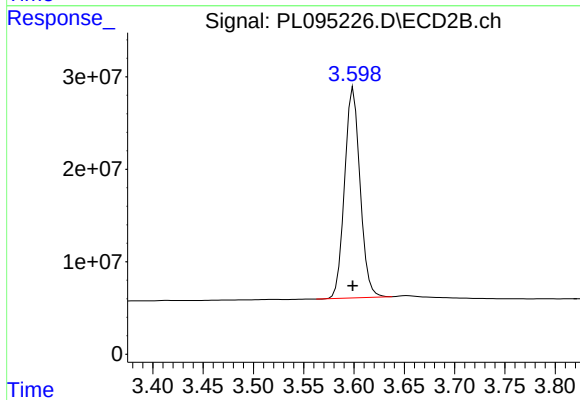
#3 gamma-BHC (Lindane)

R.T.: 4.327 min
Delta R.T.: 0.004 min
Response: 198463937
Conc: 51.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

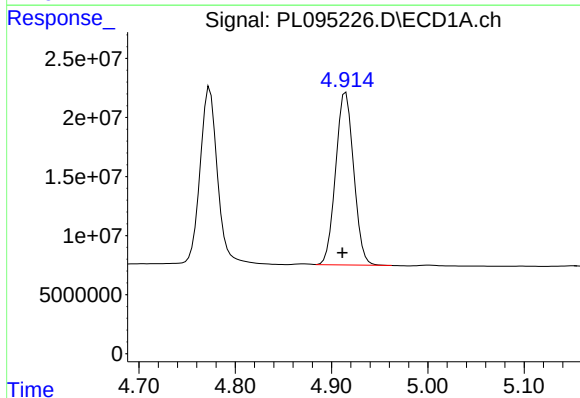
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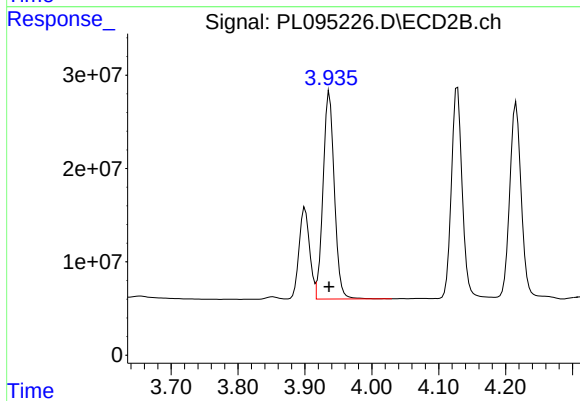
#3 gamma-BHC (Lindane)

R.T.: 3.599 min
Delta R.T.: 0.000 min
Response: 243069171
Conc: 46.18 ng/ml



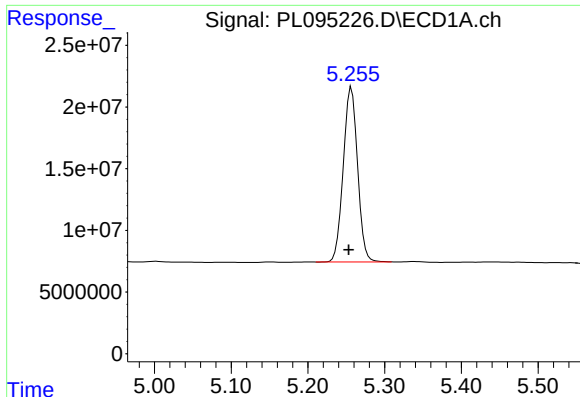
#4 Heptachlor

R.T.: 4.915 min
Delta R.T.: 0.004 min
Response: 189964410
Conc: 51.81 ng/ml



#4 Heptachlor

R.T.: 3.937 min
Delta R.T.: 0.000 min
Response: 260268647
Conc: 50.06 ng/ml



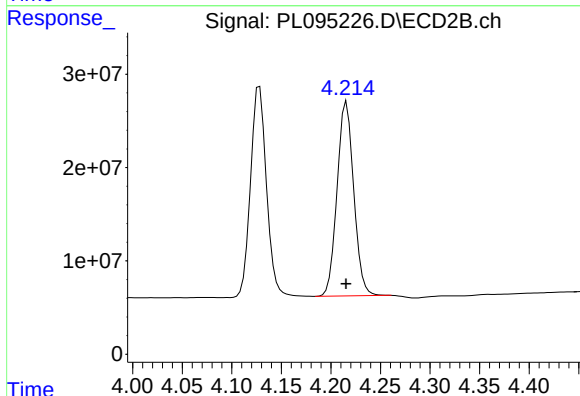
#5 Aldrin

R.T.: 5.257 min
Delta R.T.: 0.004 min
Response: 183947987
Conc: 52.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

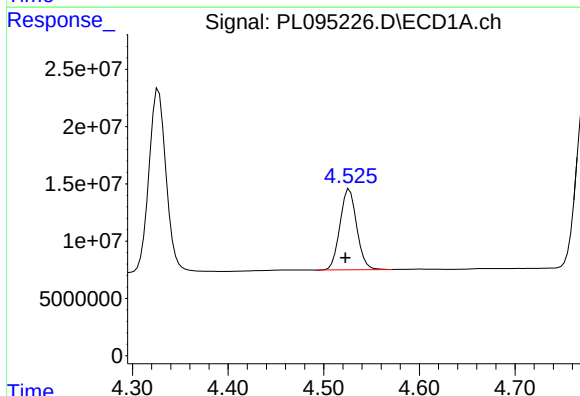
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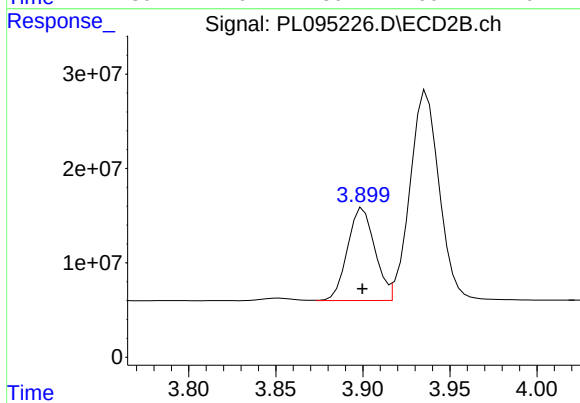
#5 Aldrin

R.T.: 4.216 min
Delta R.T.: 0.000 min
Response: 243184881
Conc: 49.90 ng/ml



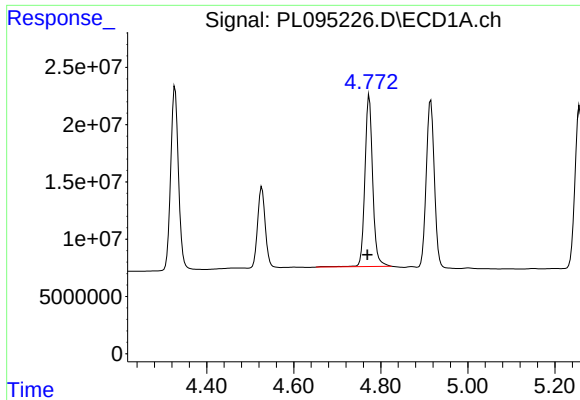
#6 beta-BHC

R.T.: 4.527 min
Delta R.T.: 0.004 min
Response: 86080917
Conc: 49.10 ng/ml



#6 beta-BHC

R.T.: 3.900 min
Delta R.T.: 0.000 min
Response: 106922214
Conc: 46.14 ng/ml



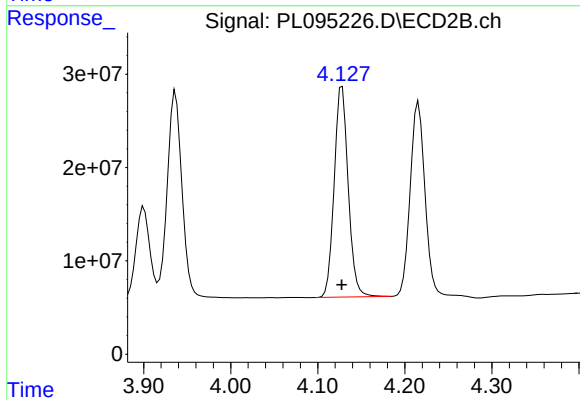
#7 delta-BHC

R.T.: 4.774 min
Delta R.T.: 0.004 min
Response: 186874565
Conc: 47.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

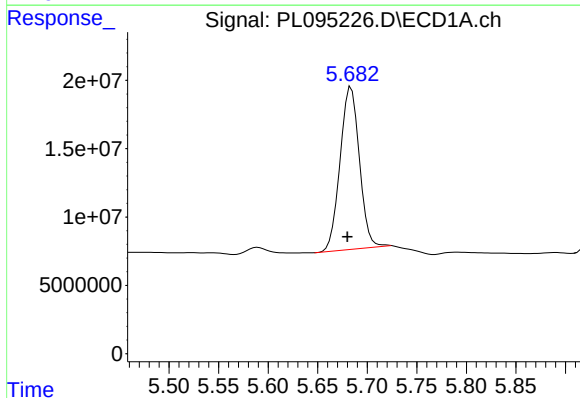
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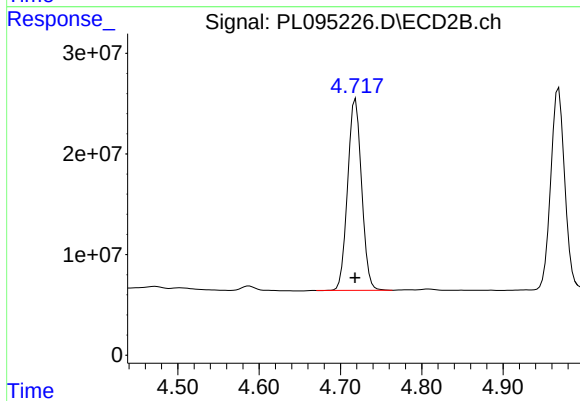
#7 delta-BHC

R.T.: 4.128 min
Delta R.T.: 0.000 min
Response: 253345449
Conc: 49.00 ng/ml



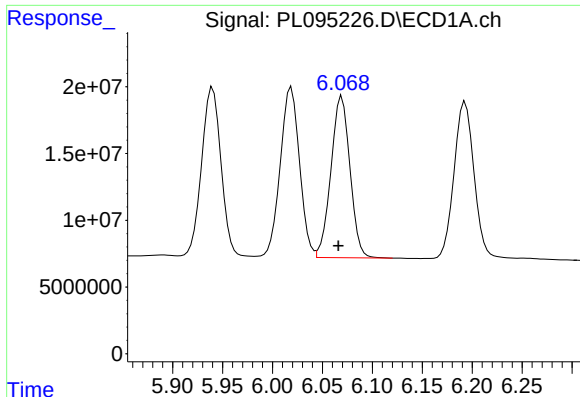
#8 Heptachlor epoxide

R.T.: 5.684 min
Delta R.T.: 0.004 min
Response: 161493028
Conc: 50.30 ng/ml



#8 Heptachlor epoxide

R.T.: 4.719 min
Delta R.T.: 0.000 min
Response: 226669254
Conc: 49.61 ng/ml



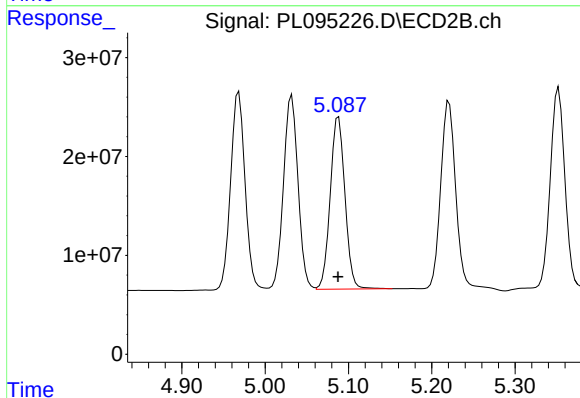
#9 Endosulfan I

R.T.: 6.070 min
Delta R.T.: 0.004 min
Response: 160515651
Conc: 51.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

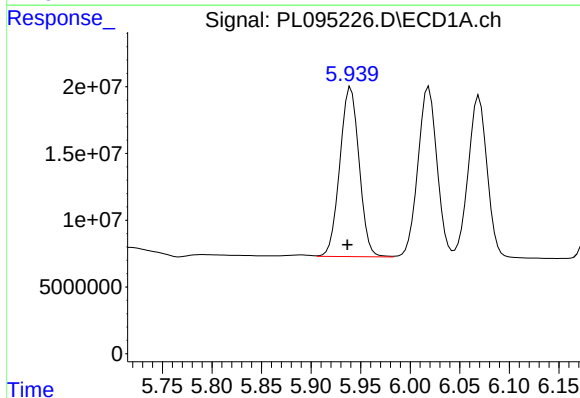
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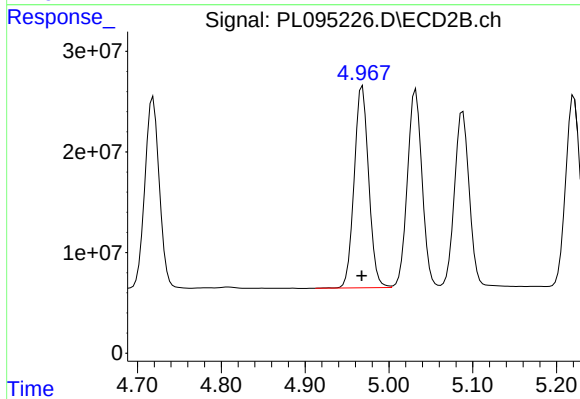
#9 Endosulfan I

R.T.: 5.088 min
Delta R.T.: 0.000 min
Response: 214370384
Conc: 49.38 ng/ml



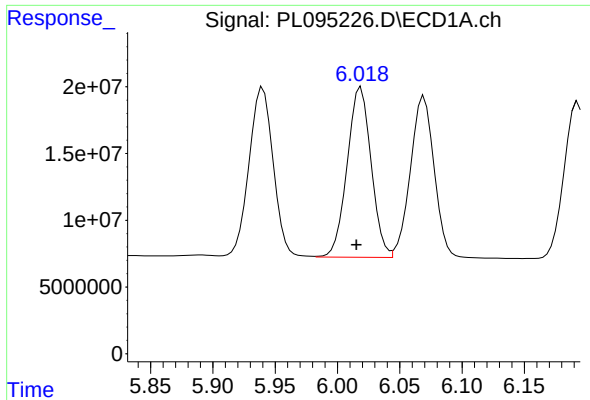
#10 gamma-Chlordane

R.T.: 5.940 min
Delta R.T.: 0.003 min
Response: 171757315
Conc: 51.42 ng/ml



#10 gamma-Chlordane

R.T.: 4.968 min
Delta R.T.: 0.000 min
Response: 241565404
Conc: 50.15 ng/ml



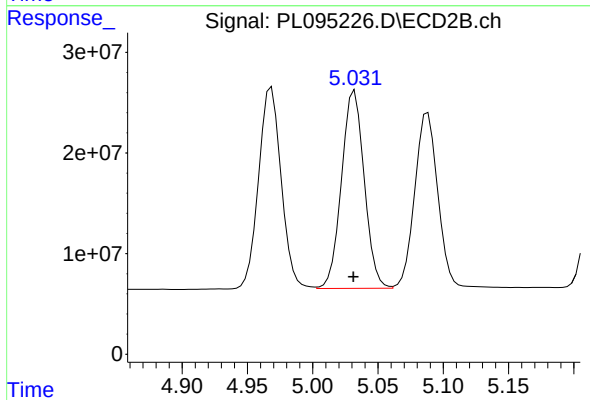
#11 alpha-Chlordane

R.T.: 6.019 min
Delta R.T.: 0.004 min
Response: 171297329
Conc: 51.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

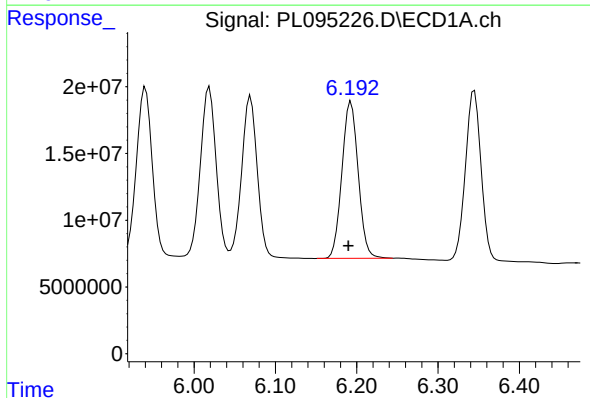
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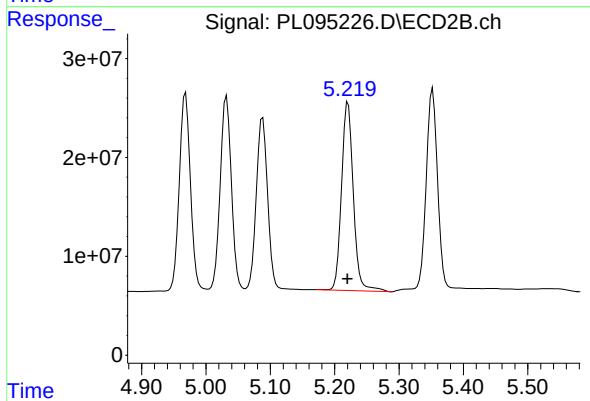
#11 alpha-Chlordane

R.T.: 5.032 min
Delta R.T.: 0.001 min
Response: 238370154
Conc: 50.29 ng/ml



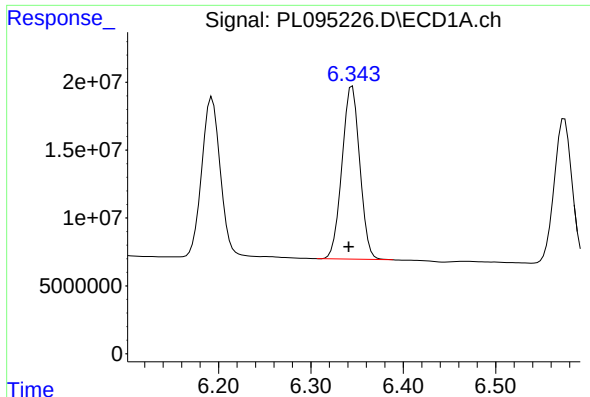
#12 4,4'-DDE

R.T.: 6.193 min
Delta R.T.: 0.003 min
Response: 163215521
Conc: 49.92 ng/ml



#12 4,4'-DDE

R.T.: 5.221 min
Delta R.T.: 0.000 min
Response: 243485721
Conc: 50.57 ng/ml



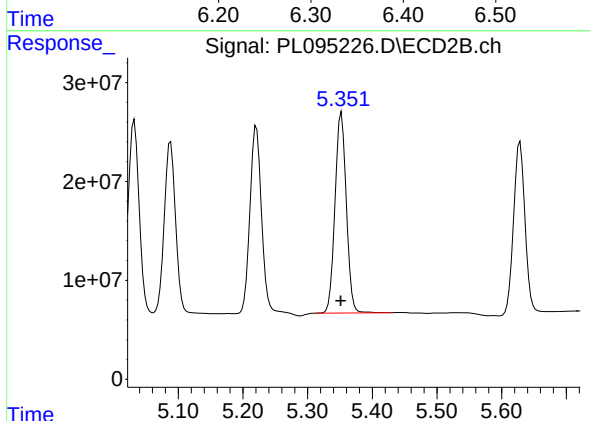
#13 Dieldrin

R.T.: 6.345 min
Delta R.T.: 0.004 min
Response: 170589162
Conc: 51.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

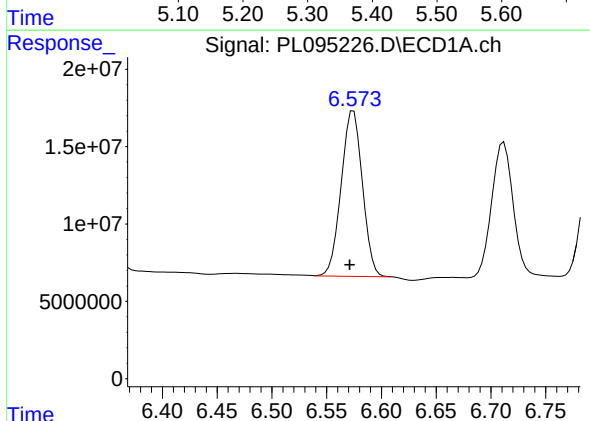
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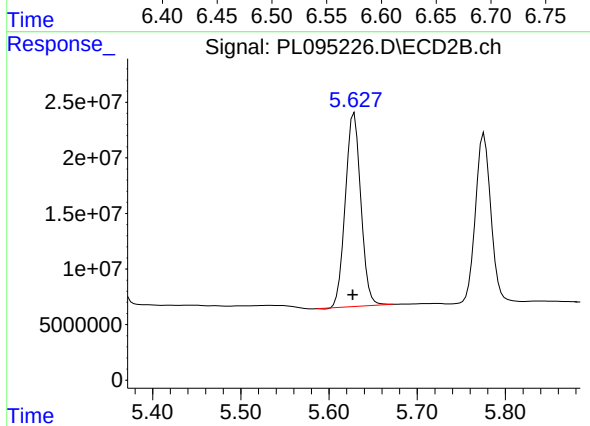
#13 Dieldrin

R.T.: 5.352 min
Delta R.T.: 0.000 min
Response: 245658743
Conc: 51.18 ng/ml



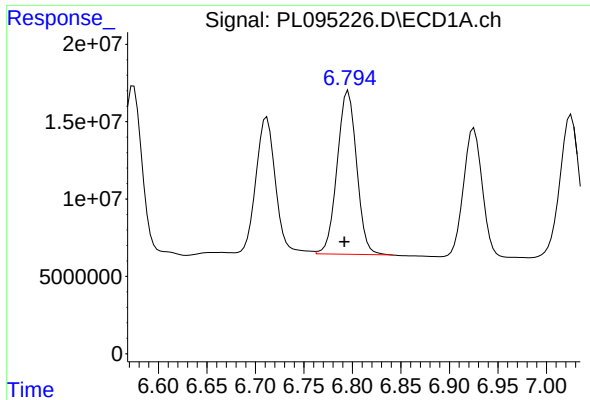
#14 Endrin

R.T.: 6.573 min
Delta R.T.: 0.002 min
Response: 144466104
Conc: 55.43 ng/ml m



#14 Endrin

R.T.: 5.629 min
Delta R.T.: 0.002 min
Response: 212278039
Conc: 50.82 ng/ml



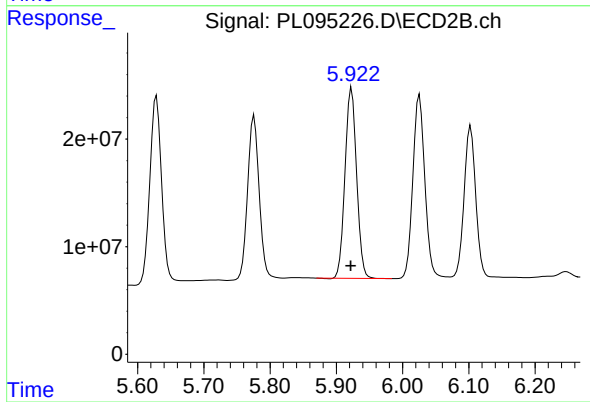
#15 Endosulfan II

R.T.: 6.796 min
Delta R.T.: 0.004 min
Response: 147403058
Conc: 51.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

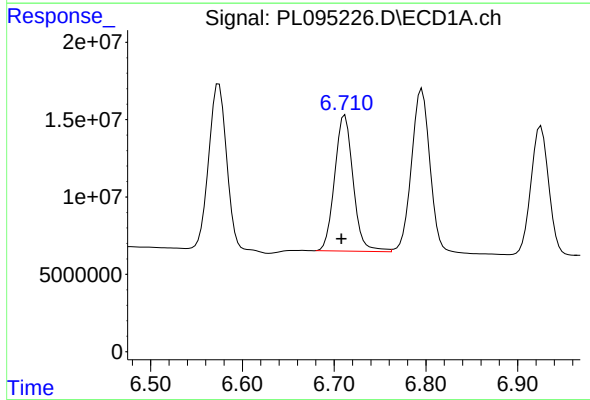
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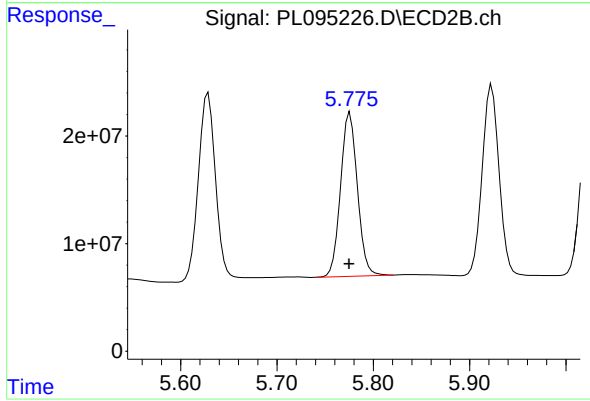
#15 Endosulfan II

R.T.: 5.923 min
Delta R.T.: 0.001 min
Response: 215487395
Conc: 49.08 ng/ml



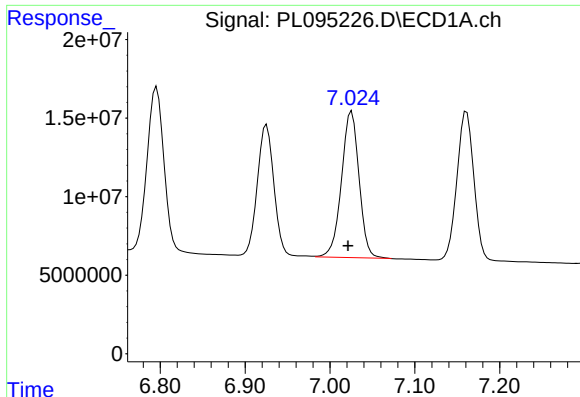
#16 4,4'-DDD

R.T.: 6.712 min
Delta R.T.: 0.004 min
Response: 123221343
Conc: 48.53 ng/ml



#16 4,4'-DDD

R.T.: 5.776 min
Delta R.T.: 0.001 min
Response: 184376770
Conc: 47.40 ng/ml



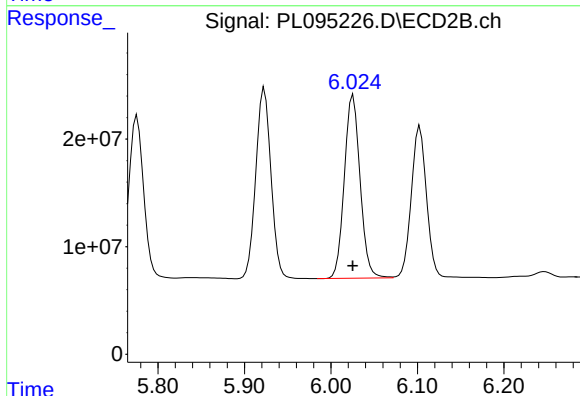
#17 4,4'-DDT

R.T.: 7.026 min
Delta R.T.: 0.004 min
Response: 133737275
Conc: 52.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

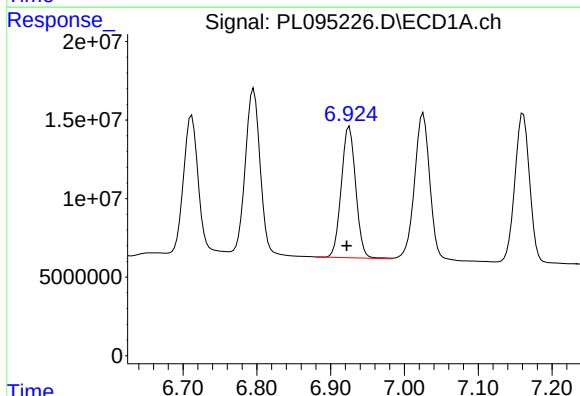
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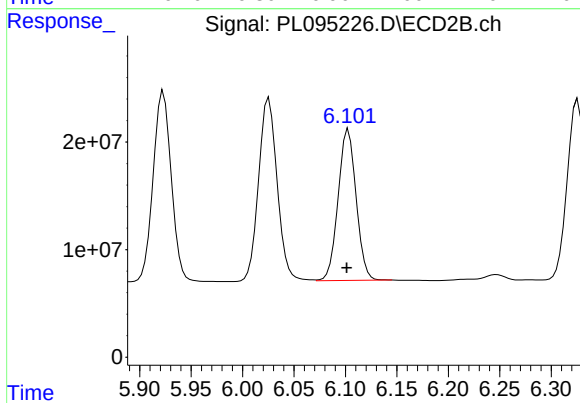
#17 4,4'-DDT

R.T.: 6.026 min
Delta R.T.: 0.000 min
Response: 214415702
Conc: 51.47 ng/ml



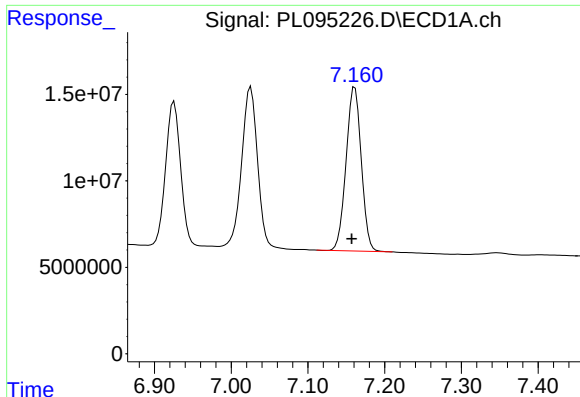
#18 Endrin aldehyde

R.T.: 6.925 min
Delta R.T.: 0.004 min
Response: 113467783
Conc: 51.55 ng/ml



#18 Endrin aldehyde

R.T.: 6.103 min
Delta R.T.: 0.002 min
Response: 171031837
Conc: 50.75 ng/ml



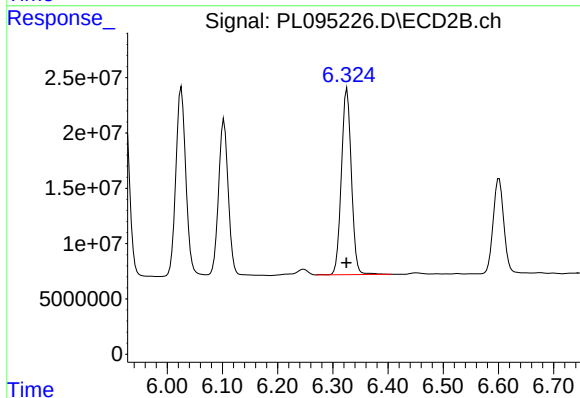
#19 Endosulfan Sulfate

R.T.: 7.161 min
Delta R.T.: 0.004 min
Response: 131093863
Conc: 51.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

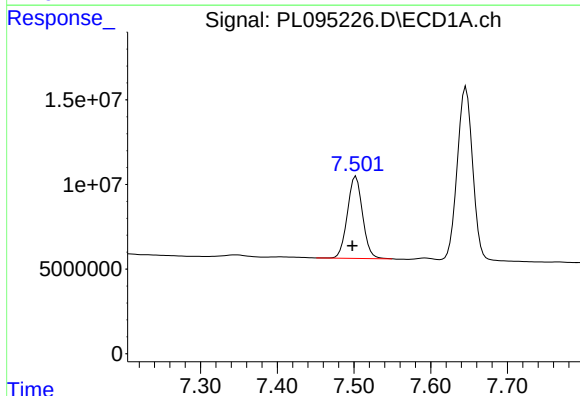
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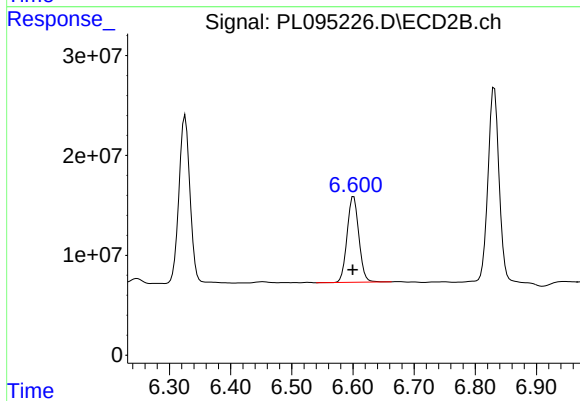
#19 Endosulfan Sulfate

R.T.: 6.326 min
Delta R.T.: 0.001 min
Response: 211630350
Conc: 50.67 ng/ml



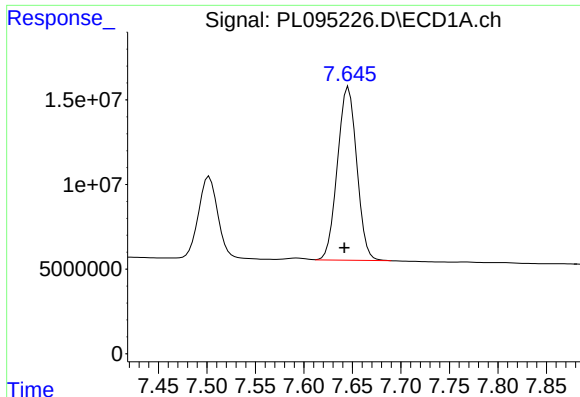
#20 Methoxychlor

R.T.: 7.503 min
Delta R.T.: 0.005 min
Response: 66969361
Conc: 50.00 ng/ml



#20 Methoxychlor

R.T.: 6.601 min
Delta R.T.: 0.002 min
Response: 114458947
Conc: 50.97 ng/ml



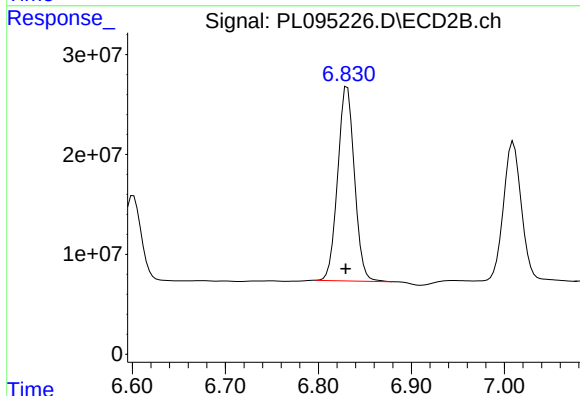
#21 Endrin ketone

R.T.: 7.646 min
Delta R.T.: 0.004 min
Response: 141755947
Conc: 49.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

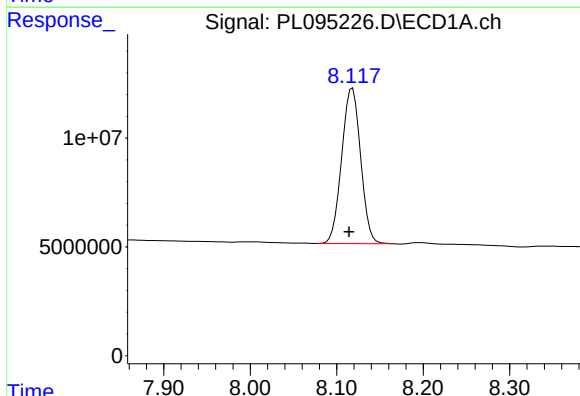
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Reviewed By :Abdul Mirza 04/16/2025
Supervised By :mohammad ahmed 04/16/2025



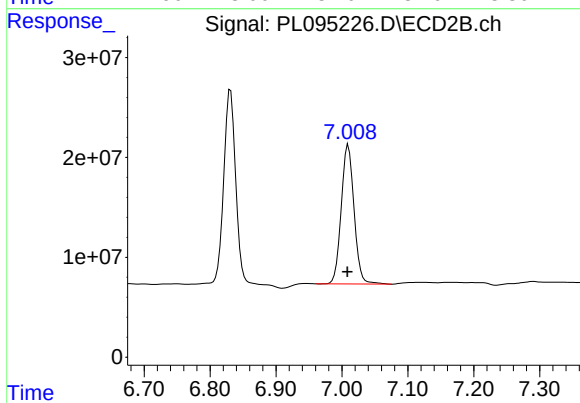
#21 Endrin ketone

R.T.: 6.830 min
Delta R.T.: 0.000 min
Response: 244254609
Conc: 48.44 ng/ml m



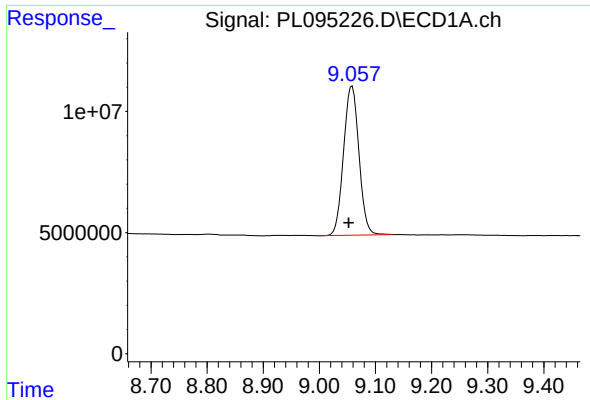
#22 Mirex

R.T.: 8.118 min
Delta R.T.: 0.004 min
Response: 108040485
Conc: 50.79 ng/ml



#22 Mirex

R.T.: 7.010 min
Delta R.T.: 0.001 min
Response: 188525167
Conc: 47.95 ng/ml



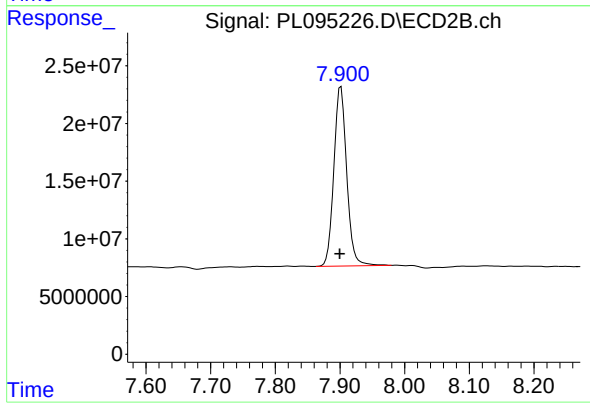
#28 Decachlorobiphenyl

R.T.: 9.058 min
Delta R.T.: 0.006 min
Response: 117070665
Conc: 48.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 04/16/2025



#28 Decachlorobiphenyl

R.T.: 7.901 min
Delta R.T.: 0.002 min
Response: 214862022
Conc: 48.84 ng/ml