

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100225\
 Data File : PL097495.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Oct 2025 09:54
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/03/2025
 Supervised By :mohammad ahmed 10/04/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 03 04:58:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 19 05:40:25 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...	3.526	2.823	199.3E6	276.1E6	44.031	41.983
28)	SA Decachlor...	8.994	7.979	151.7E6	237.6E6	46.367	41.749
Target Compounds							
2)	A alpha-BHC	3.972	3.328	334.1E6	468.8E6	47.821	47.079
3)	MA gamma-BHC...	4.300	3.659	312.6E6	430.1E6	47.272	46.173
4)	MA Heptachlor	4.890	4.007	304.7E6	413.6E6	45.682	44.445
5)	MB Aldrin	5.229	4.288	299.7E6	403.1E6	47.321	46.445
6)	B beta-BHC	4.487	3.955	128.8E6	177.3E6	47.262	43.642
7)	B delta-BHC	4.732	4.187	300.3E6	418.7E6	49.484m	45.551
8)	B Heptachlo...	5.647	4.790	281.9E6	369.8E6	49.045m	46.620
9)	A Endosulfan I	6.028	5.160	252.0E6	327.2E6	48.641m	42.579
10)	B gamma-Chl...	5.901	5.041	274.1E6	404.1E6	48.483m	46.269
11)	B alpha-Chl...	5.981	5.106	274.4E6	388.4E6	48.304m	46.798
12)	B 4,4'-DDE	6.151	5.294	242.0E6	350.0E6	50.793m	45.544
13)	MA Dieldrin	6.302	5.423	271.5E6	387.7E6	49.533	47.412m
14)	MA Endrin	6.528	5.700	231.6E6	399.1E6	50.196	53.133
15)	B Endosulfa...	6.740	5.991	229.8E6	330.6E6	46.724m	46.498
16)	A 4,4'-DDD	6.660	5.846	207.1E6	309.8E6	54.928m	48.039
17)	MA 4,4'-DDT	6.975	6.098	205.1E6	278.1E6	48.520	40.189
18)	B Endrin al...	6.869	6.169	167.8E6	244.2E6	54.444m	45.748
19)	B Endosulfa...	7.104	6.392	211.9E6	318.7E6	51.912	46.534
20)	A Methoxychlor	7.448	6.670	95946070	152.2E6	46.009	40.366
21)	B Endrin ke...	7.582	6.895	232.2E6	385.7E6	54.696	51.224m
22)	Mirex	8.061	7.085	159.4E6	251.9E6	44.901	42.137

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100225\
Data File : PL097495.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Oct 2025 09:54
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

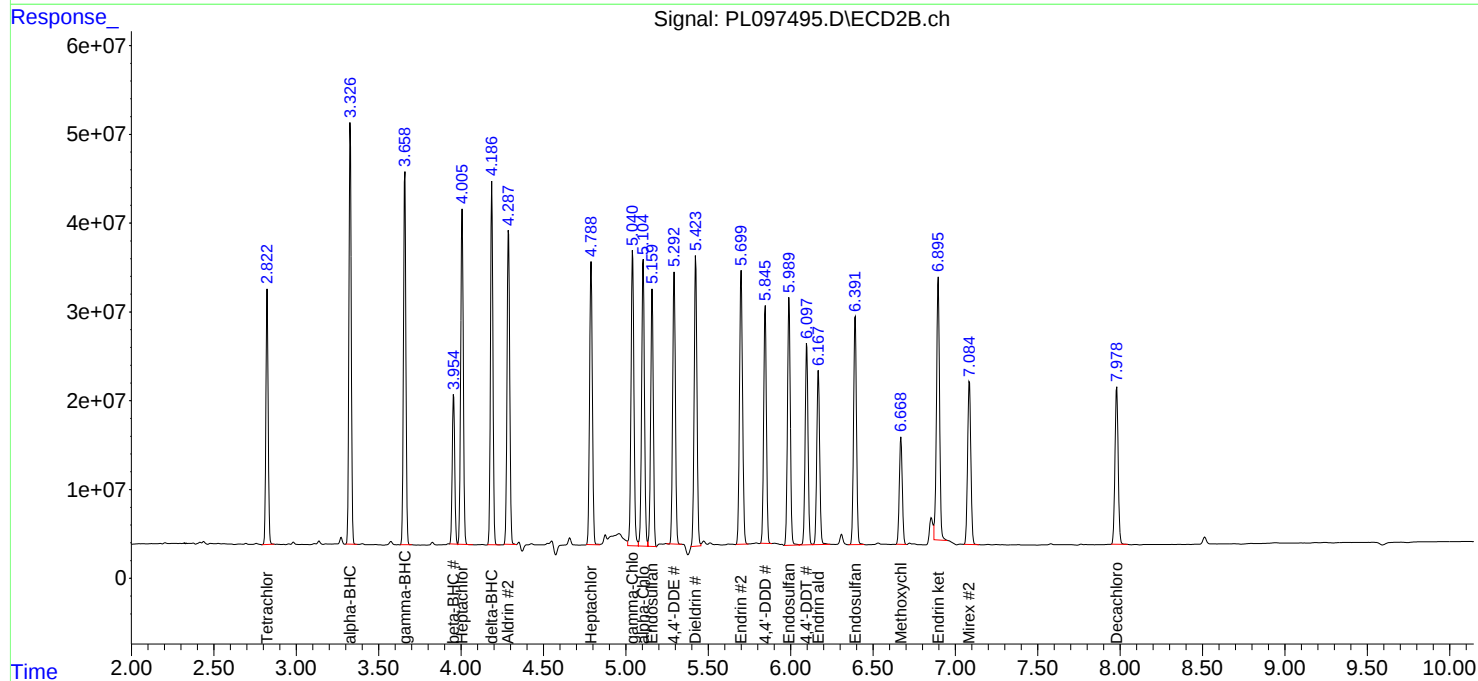
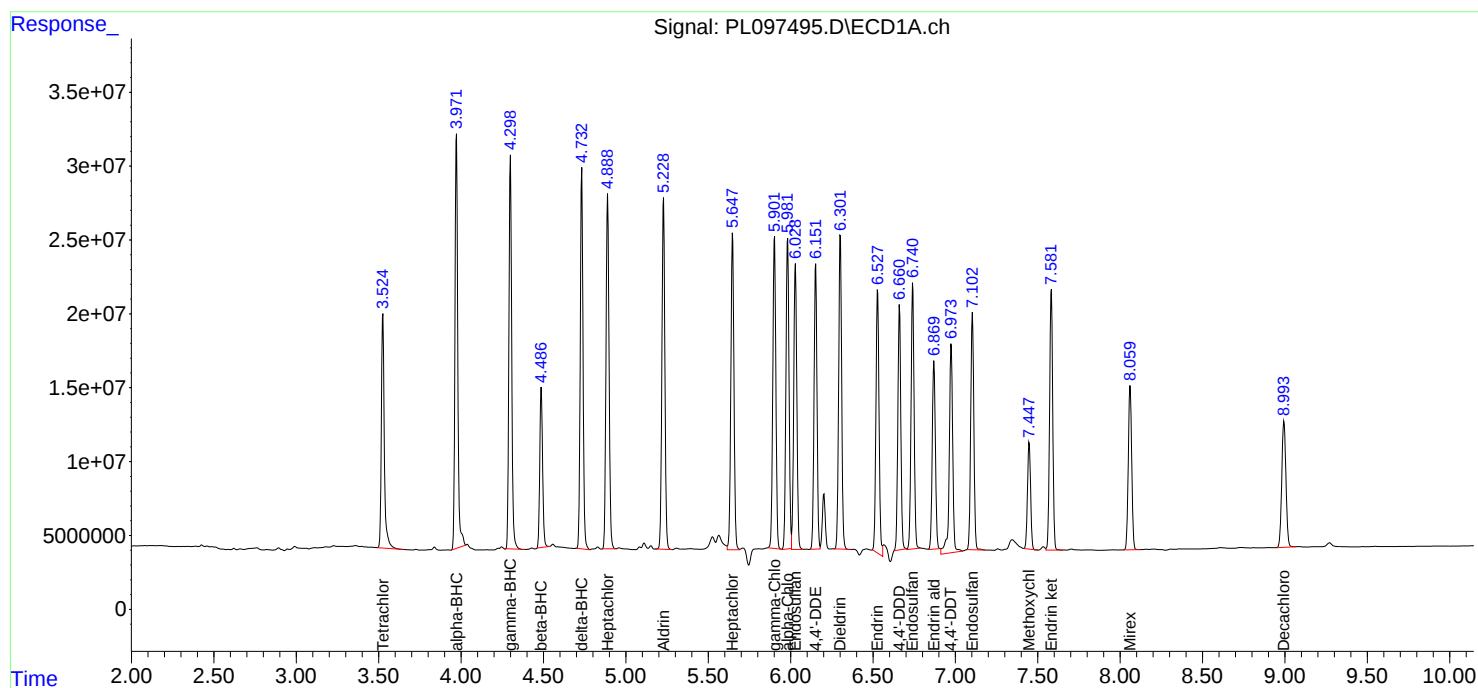
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

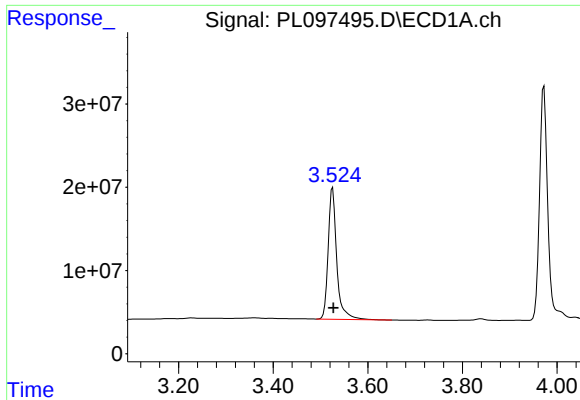
Manual Integrations
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Supervised By :mohammad ahmed 10/04/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 03 04:58:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:40:25 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





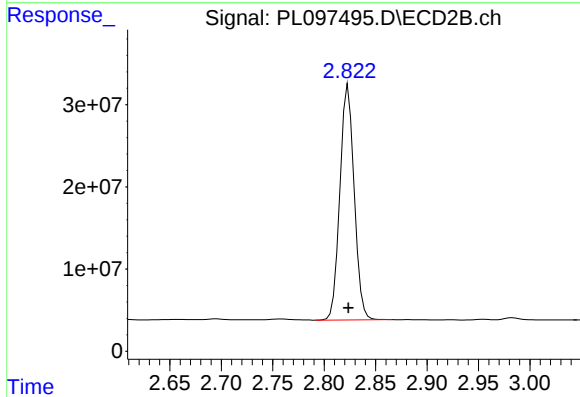
#1 Tetrachloro-m-xylene

R.T.: 3.526 min
Delta R.T.: -0.001 min
Response: 199333508
Conc: 44.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

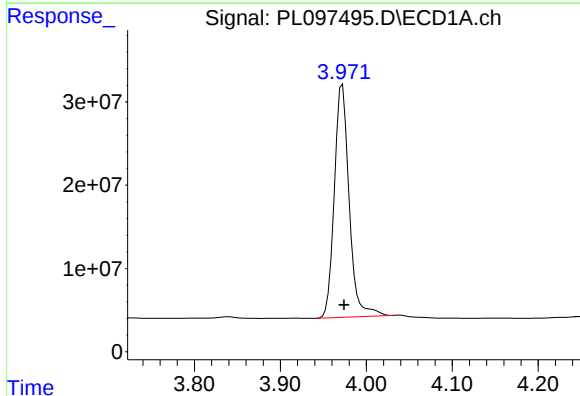
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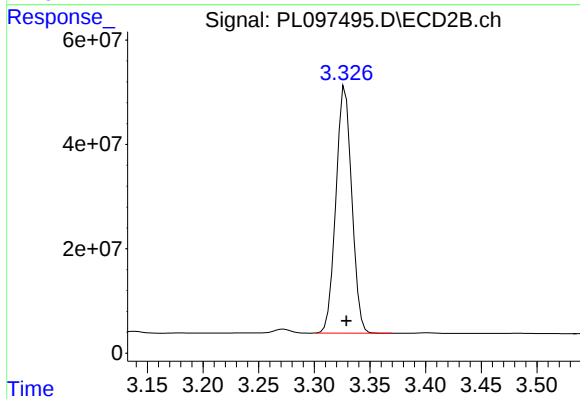
#1 Tetrachloro-m-xylene

R.T.: 2.823 min
Delta R.T.: 0.000 min
Response: 276059804
Conc: 41.98 ng/ml



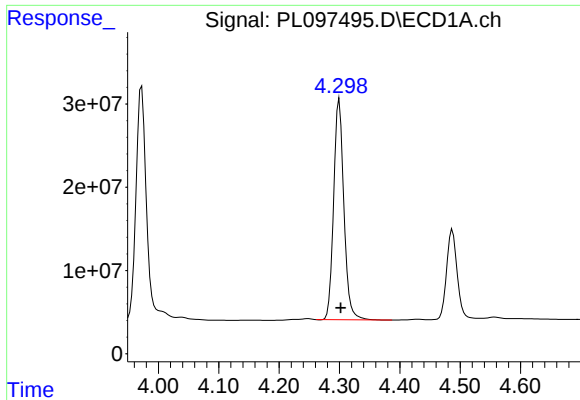
#2 alpha-BHC

R.T.: 3.972 min
Delta R.T.: -0.002 min
Response: 334145646
Conc: 47.82 ng/ml



#2 alpha-BHC

R.T.: 3.328 min
Delta R.T.: 0.000 min
Response: 468790969
Conc: 47.08 ng/ml



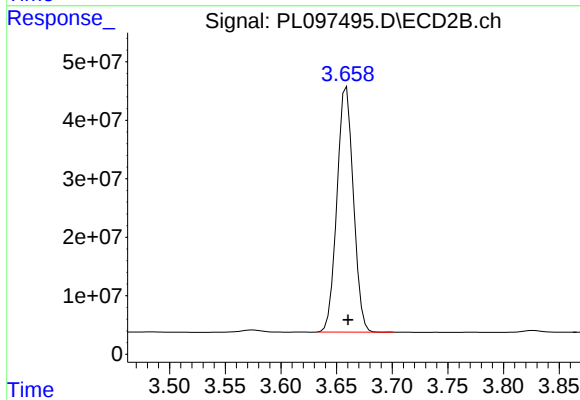
#3 gamma-BHC (Lindane)

R.T.: 4.300 min
Delta R.T.: -0.002 min
Response: 312618508
Conc: 47.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

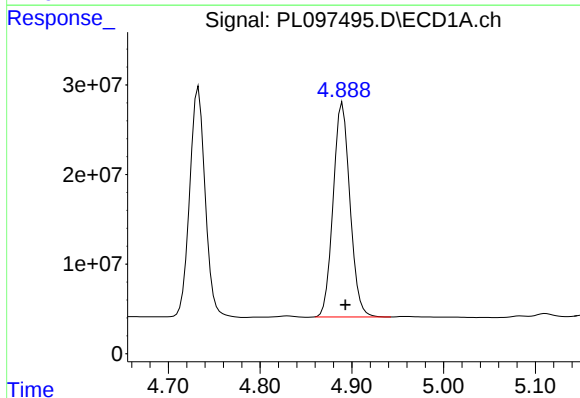
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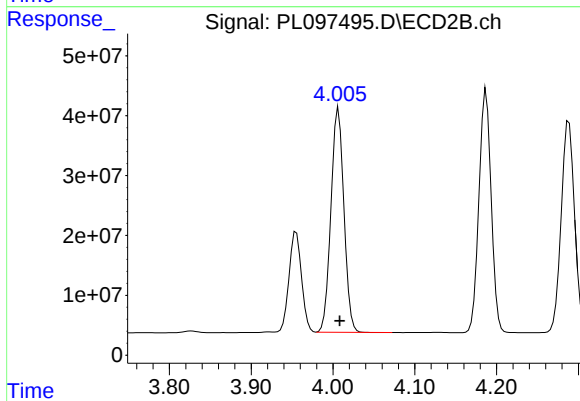
#3 gamma-BHC (Lindane)

R.T.: 3.659 min
Delta R.T.: -0.001 min
Response: 430086810
Conc: 46.17 ng/ml



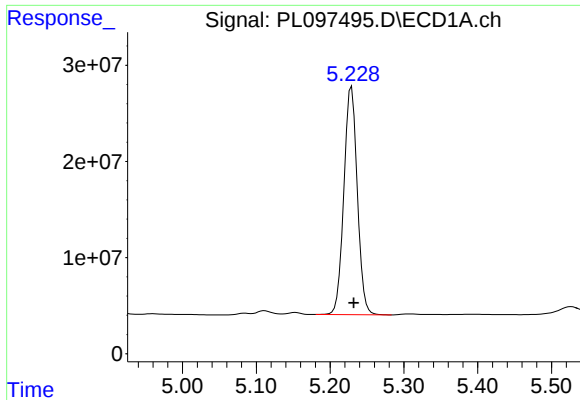
#4 Heptachlor

R.T.: 4.890 min
Delta R.T.: -0.003 min
Response: 304700376
Conc: 45.68 ng/ml



#4 Heptachlor

R.T.: 4.007 min
Delta R.T.: -0.001 min
Response: 413571499
Conc: 44.45 ng/ml



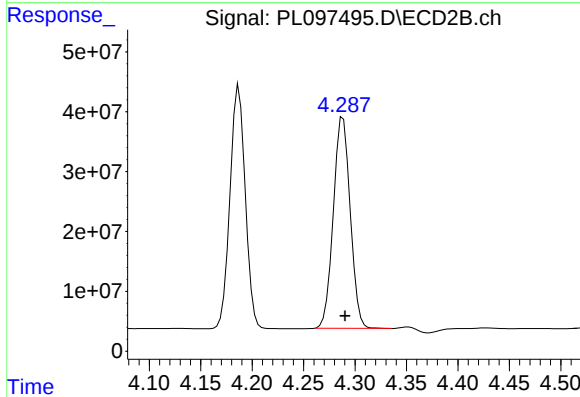
#5 Aldrin

R.T.: 5.229 min
Delta R.T.: -0.003 min
Response: 299728065
Conc: 47.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

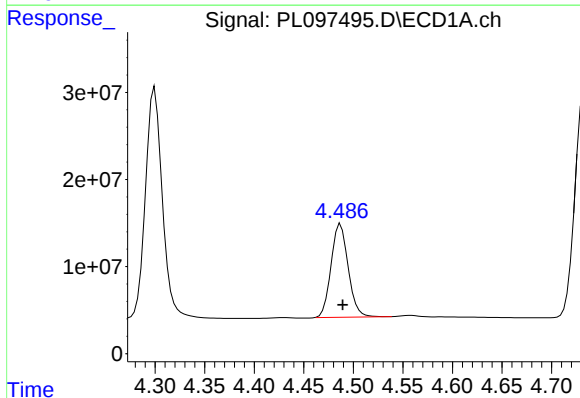
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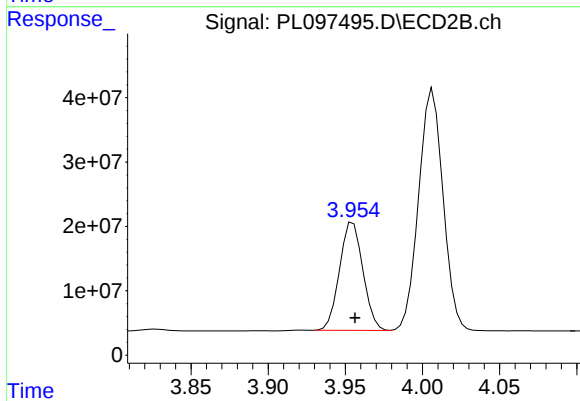
#5 Aldrin

R.T.: 4.288 min
Delta R.T.: -0.002 min
Response: 403113114
Conc: 46.45 ng/ml



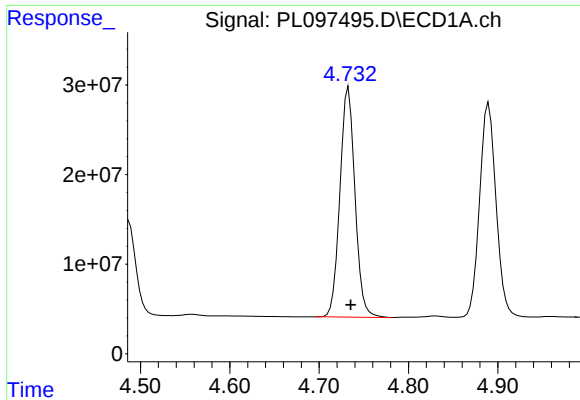
#6 beta-BHC

R.T.: 4.487 min
Delta R.T.: -0.002 min
Response: 128844304
Conc: 47.26 ng/ml



#6 beta-BHC

R.T.: 3.955 min
Delta R.T.: -0.001 min
Response: 177276510
Conc: 43.64 ng/ml



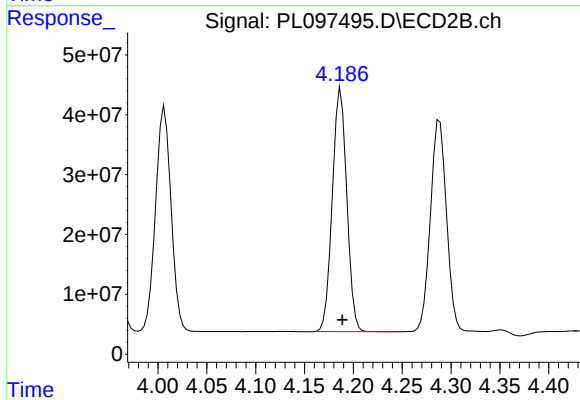
#7 delta-BHC

R.T.: 4.732 min
Delta R.T.: -0.004 min
Response: 300286294
Conc: 49.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

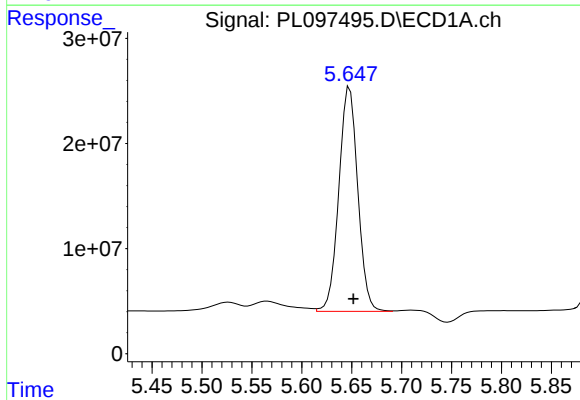
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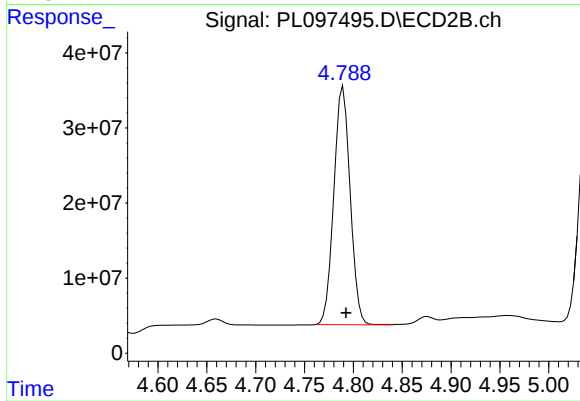
#7 delta-BHC

R.T.: 4.187 min
Delta R.T.: -0.002 min
Response: 418719071
Conc: 45.55 ng/ml



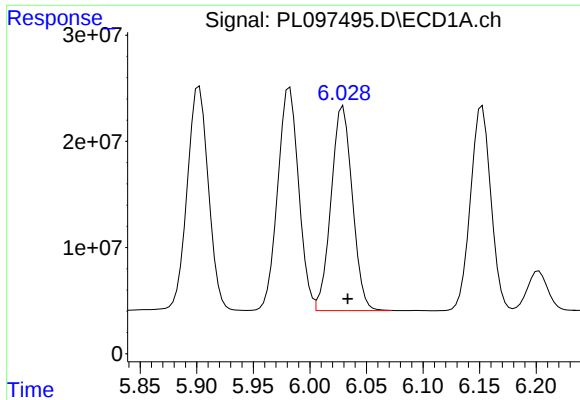
#8 Heptachlor epoxide

R.T.: 5.647 min
Delta R.T.: -0.005 min
Response: 281861607
Conc: 49.05 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.790 min
Delta R.T.: -0.003 min
Response: 369772110
Conc: 46.62 ng/ml



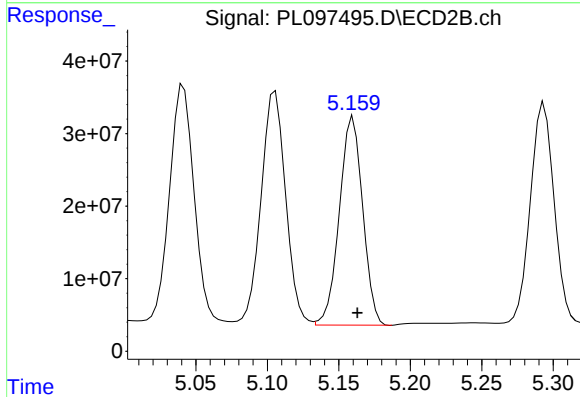
#9 Endosulfan I

R.T.: 6.028 min
Delta R.T.: -0.005 min
Response: 252025421
Conc: 48.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

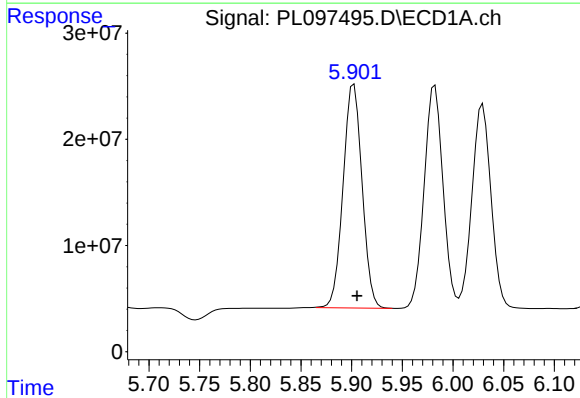
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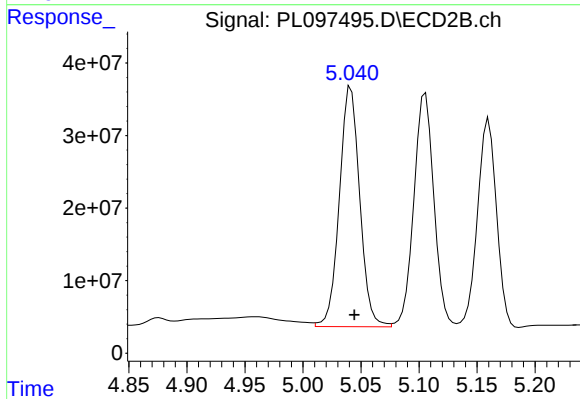
#9 Endosulfan I

R.T.: 5.160 min
Delta R.T.: -0.003 min
Response: 327158644
Conc: 42.58 ng/ml



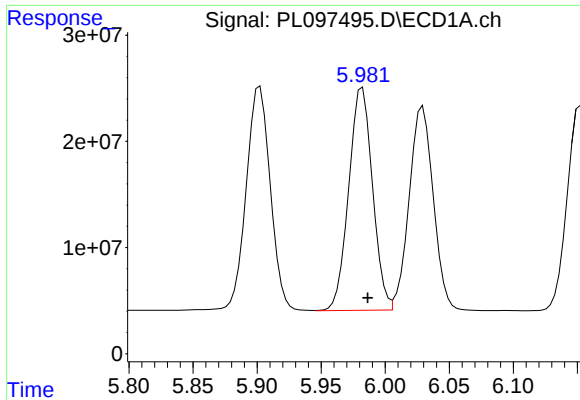
#10 gamma-Chlordane

R.T.: 5.901 min
Delta R.T.: -0.004 min
Response: 274102334
Conc: 48.48 ng/ml m



#10 gamma-Chlordane

R.T.: 5.041 min
Delta R.T.: -0.003 min
Response: 404107972
Conc: 46.27 ng/ml



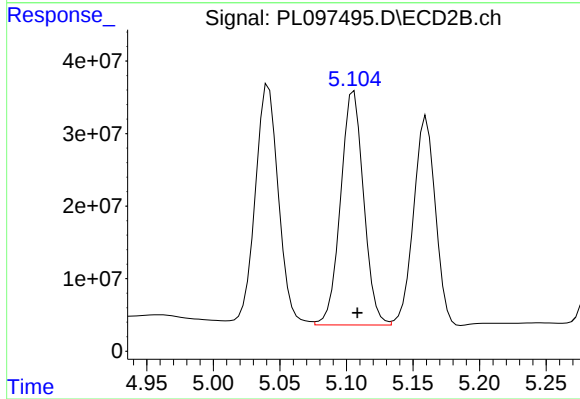
#11 alpha-Chlordane

R.T.: 5.981 min
Delta R.T.: -0.005 min
Response: 274361565
Conc: 48.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

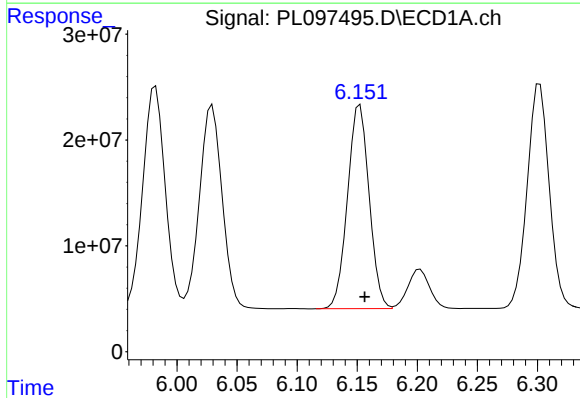
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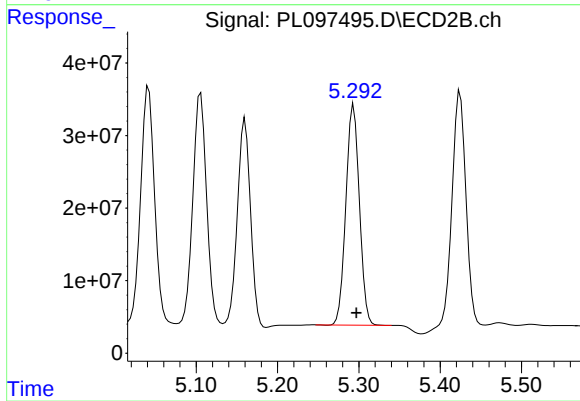
#11 alpha-Chlordane

R.T.: 5.106 min
Delta R.T.: -0.003 min
Response: 388445212
Conc: 46.80 ng/ml



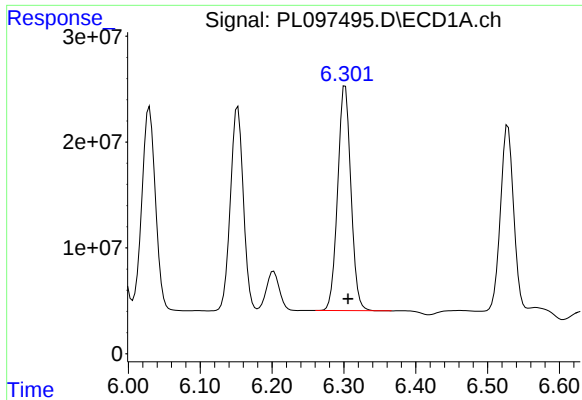
#12 4,4'-DDE

R.T.: 6.151 min
Delta R.T.: -0.005 min
Response: 242012585
Conc: 50.79 ng/ml m



#12 4,4'-DDE

R.T.: 5.294 min
Delta R.T.: -0.003 min
Response: 349992778
Conc: 45.54 ng/ml



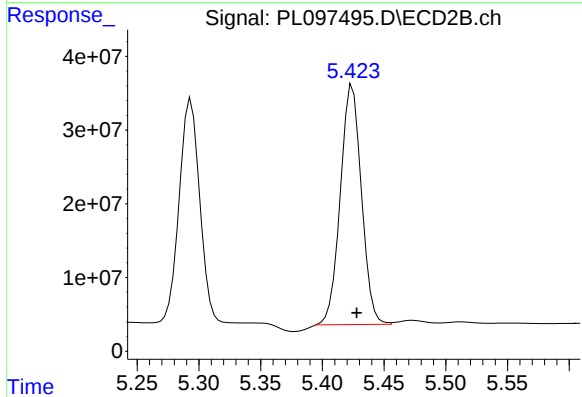
#13 Dieldrin

R.T.: 6.302 min
Delta R.T.: -0.004 min
Response: 271549298
Conc: 49.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

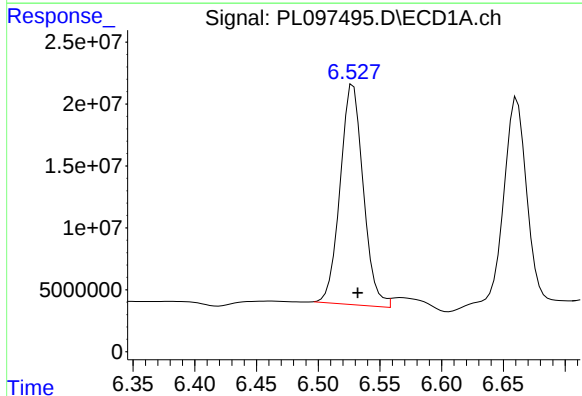
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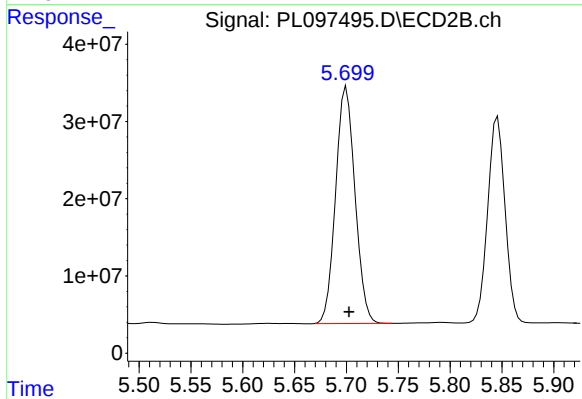
#13 Dieldrin

R.T.: 5.423 min
Delta R.T.: -0.005 min
Response: 387681579
Conc: 47.41 ng/ml m



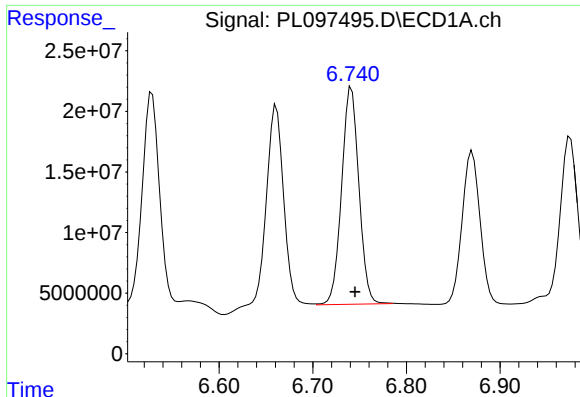
#14 Endrin

R.T.: 6.528 min
Delta R.T.: -0.004 min
Response: 231560952
Conc: 50.20 ng/ml



#14 Endrin

R.T.: 5.700 min
Delta R.T.: -0.002 min
Response: 399054049
Conc: 53.13 ng/ml



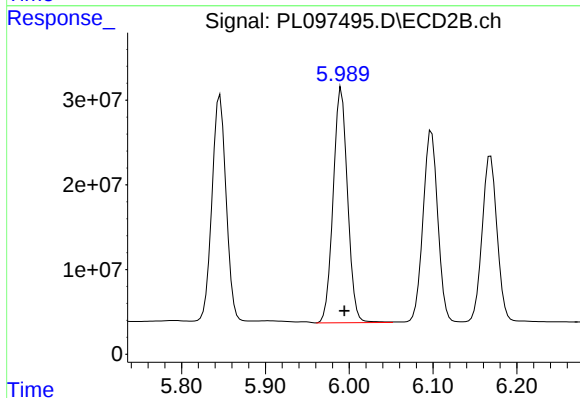
#15 Endosulfan II

R.T.: 6.740 min
Delta R.T.: -0.005 min
Response: 229802914
Conc: 46.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

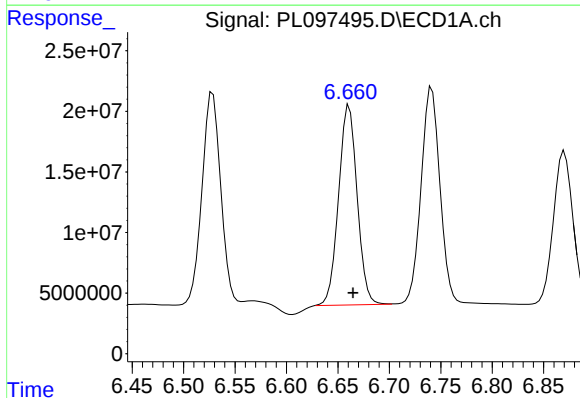
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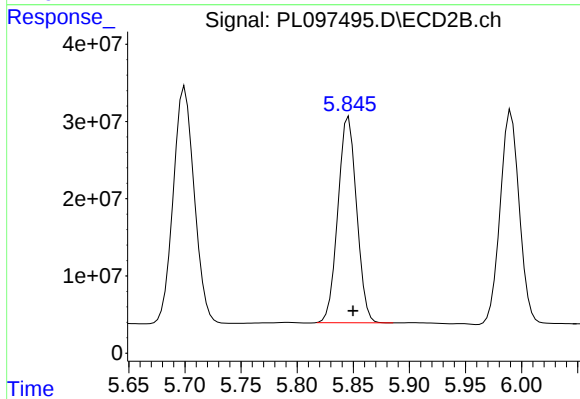
#15 Endosulfan II

R.T.: 5.991 min
Delta R.T.: -0.004 min
Response: 330566662
Conc: 46.50 ng/ml



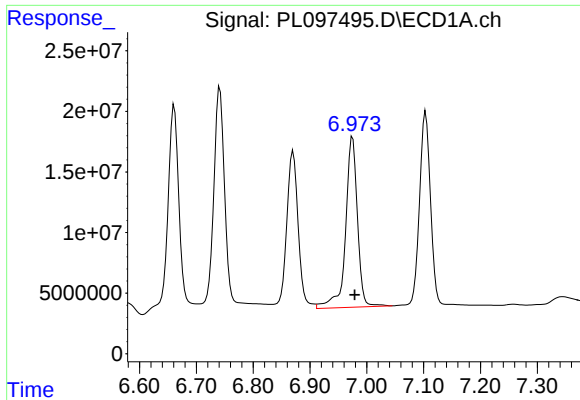
#16 4,4'-DDD

R.T.: 6.660 min
Delta R.T.: -0.005 min
Response: 207109933
Conc: 54.93 ng/ml m



#16 4,4'-DDD

R.T.: 5.846 min
Delta R.T.: -0.004 min
Response: 309809747
Conc: 48.04 ng/ml



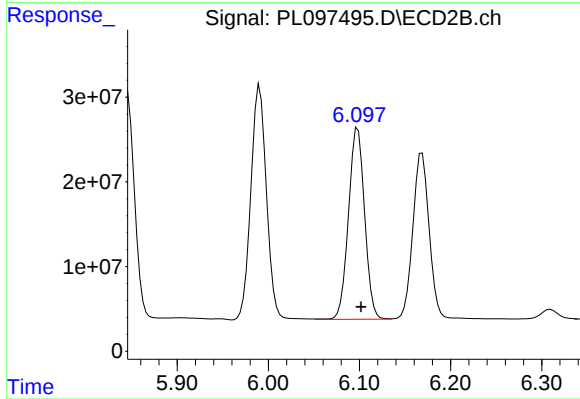
#17 4,4'-DDT

R.T.: 6.975 min
Delta R.T.: -0.004 min
Response: 205102314
Conc: 48.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

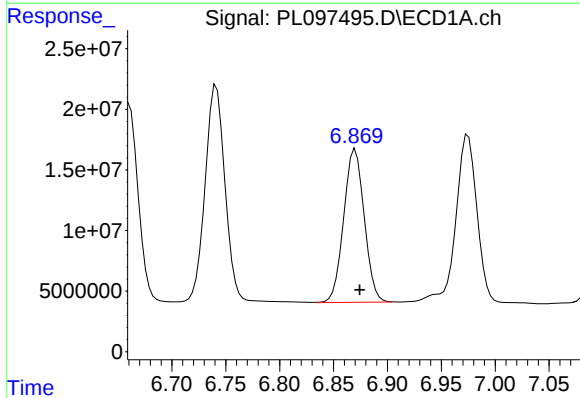
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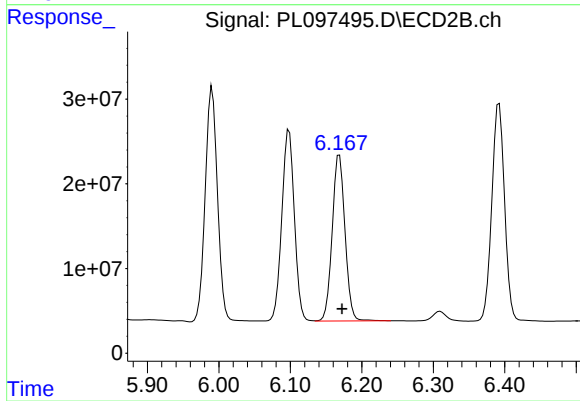
#17 4,4'-DDT

R.T.: 6.098 min
Delta R.T.: -0.003 min
Response: 278129741
Conc: 40.19 ng/ml



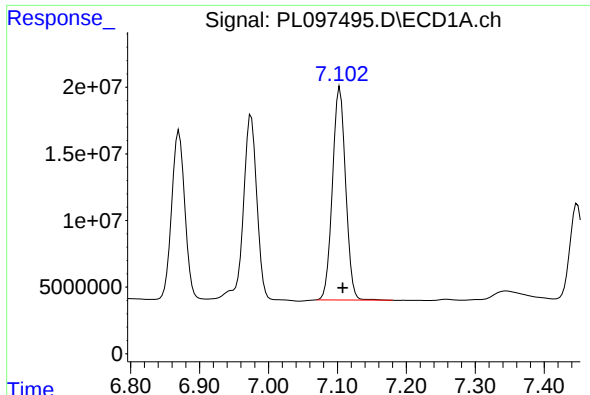
#18 Endrin aldehyde

R.T.: 6.869 min
Delta R.T.: -0.005 min
Response: 167838975
Conc: 54.44 ng/ml m



#18 Endrin aldehyde

R.T.: 6.169 min
Delta R.T.: -0.004 min
Response: 244174096
Conc: 45.75 ng/ml



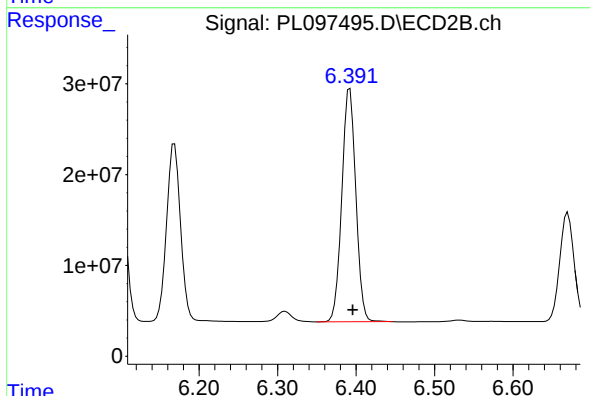
#19 Endosulfan Sulfate

R.T.: 7.104 min
Delta R.T.: -0.004 min
Response: 211943594
Conc: 51.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

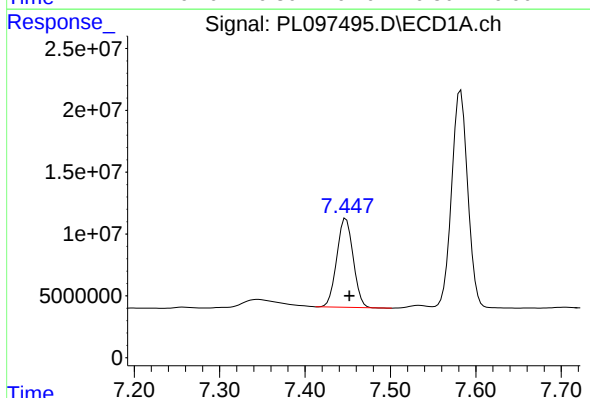
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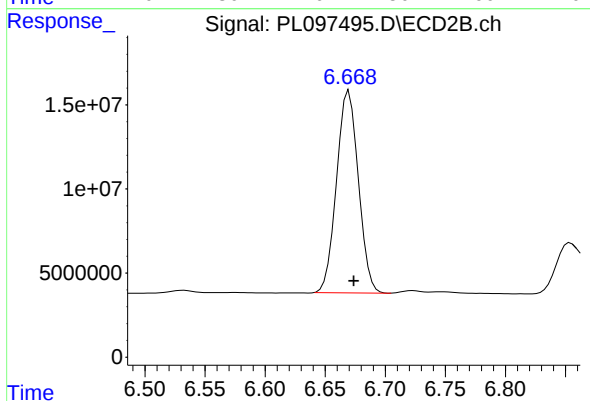
#19 Endosulfan Sulfate

R.T.: 6.392 min
Delta R.T.: -0.004 min
Response: 318749780
Conc: 46.53 ng/ml



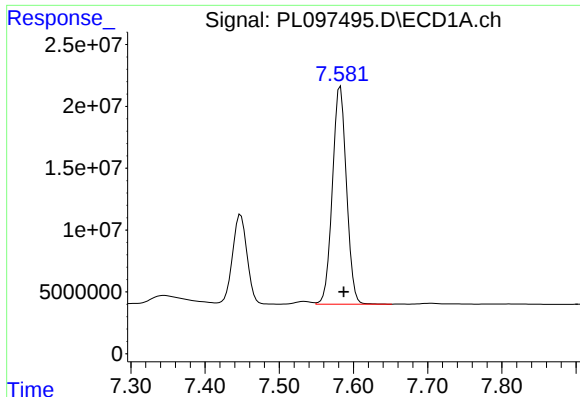
#20 Methoxychlor

R.T.: 7.448 min
Delta R.T.: -0.004 min
Response: 95946070
Conc: 46.01 ng/ml



#20 Methoxychlor

R.T.: 6.670 min
Delta R.T.: -0.004 min
Response: 152159119
Conc: 40.37 ng/ml



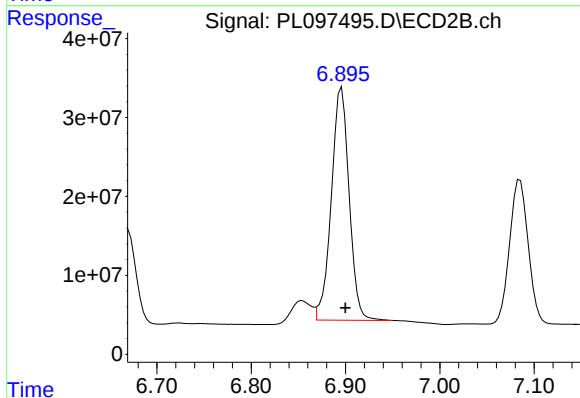
#21 Endrin ketone

R.T.: 7.582 min
Delta R.T.: -0.005 min
Response: 232150868
Conc: 54.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

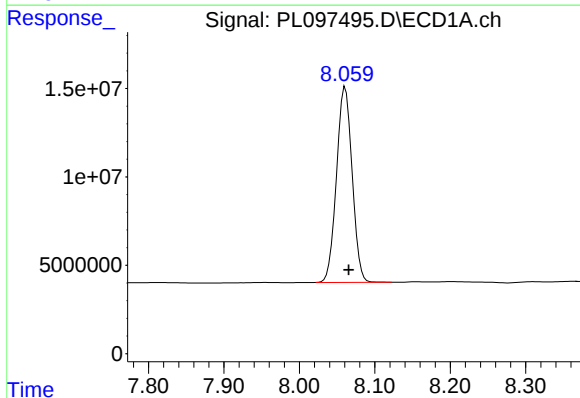
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/03/2025
Supervised By :mohammad ahmed 10/04/2025



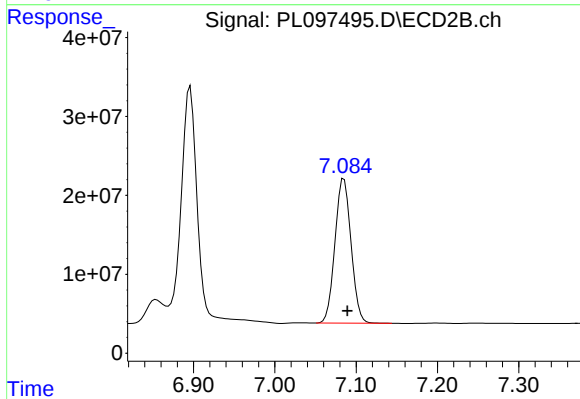
#21 Endrin ketone

R.T.: 6.895 min
Delta R.T.: -0.005 min
Response: 385728527
Conc: 51.22 ng/ml m



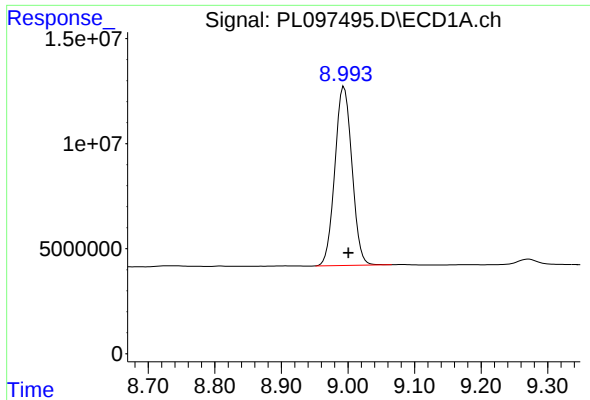
#22 Mirex

R.T.: 8.061 min
Delta R.T.: -0.004 min
Response: 159411141
Conc: 44.90 ng/ml



#22 Mirex

R.T.: 7.085 min
Delta R.T.: -0.004 min
Response: 251921954
Conc: 42.14 ng/ml



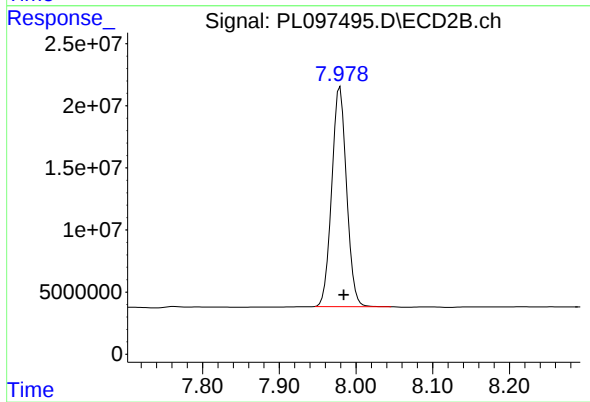
#28 Decachlorobiphenyl

R.T.: 8.994 min
Delta R.T.: -0.007 min
Response: 151723759
Conc: 46.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/03/2025
Supervised By :mohammad ahmed 10/04/2025



#28 Decachlorobiphenyl

R.T.: 7.979 min
Delta R.T.: -0.005 min
Response: 237616572
Conc: 41.75 ng/ml