

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100325\
 Data File : PL097521.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Oct 2025 11:20
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/06/2025
 Supervised By :mohammad ahmed 10/07/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 06 01:22:29 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	2.824	216.8E6	297.1E6	47.899	45.183
28)	SA Decachlor...	8.995	7.980	161.8E6	247.5E6	49.445	43.486
Target Compounds							
2)	A alpha-BHC	3.973	3.328	351.7E6	508.7E6	50.339	51.091
3)	MA gamma-BHC...	4.300	3.660	337.6E6	465.3E6	51.049	49.955
4)	MA Heptachlor	4.891	4.007	318.2E6	431.4E6	47.708	46.363
5)	MB Aldrin	5.229	4.289	320.4E6	430.5E6	50.580	49.606
6)	B beta-BHC	4.488	3.956	138.3E6	189.9E6	50.748	46.745
7)	B delta-BHC	4.732	4.188	322.0E6	451.6E6	53.059m	49.124
8)	B Heptachlo...	5.647	4.791	291.7E6	390.3E6	50.763m	49.208
9)	A Endosulfan I	6.029	5.161	268.3E6	343.8E6	51.784m	44.745
10)	B gamma-Chl...	5.901	5.042	293.2E6	430.5E6	51.862m	49.293
11)	B alpha-Chl...	5.981	5.106	291.2E6	413.0E6	51.272m	49.758
12)	B 4,4'-DDE	6.153	5.295	265.2E6	368.9E6	55.653	48.000
13)	MA Dieldrin	6.302	5.426	293.0E6	419.2E6	53.443	51.267
14)	MA Endrin	6.529	5.701	241.8E6	414.6E6	52.410	55.202
15)	B Endosulfa...	6.740	5.992	244.2E6	345.7E6	49.646m	48.623
16)	A 4,4'-DDD	6.660	5.847	221.3E6	334.3E6	58.692m	51.841
17)	MA 4,4'-DDT	6.974	6.099	195.2E6	285.3E6	46.184m	41.230
18)	B Endrin al...	6.869	6.170	175.1E6	257.0E6	56.801m	48.155
19)	B Endosulfa...	7.104	6.393	223.4E6	333.1E6	54.715	48.629
20)	A Methoxychlor	7.449	6.671	99662212	154.5E6	47.791	40.991
21)	B Endrin ke...	7.583	6.897	242.5E6	392.3E6	57.146	52.092
22)	Mirex	8.061	7.086	170.1E6	261.8E6	47.910	43.790

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100325\
Data File : PL097521.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Oct 2025 11:20
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

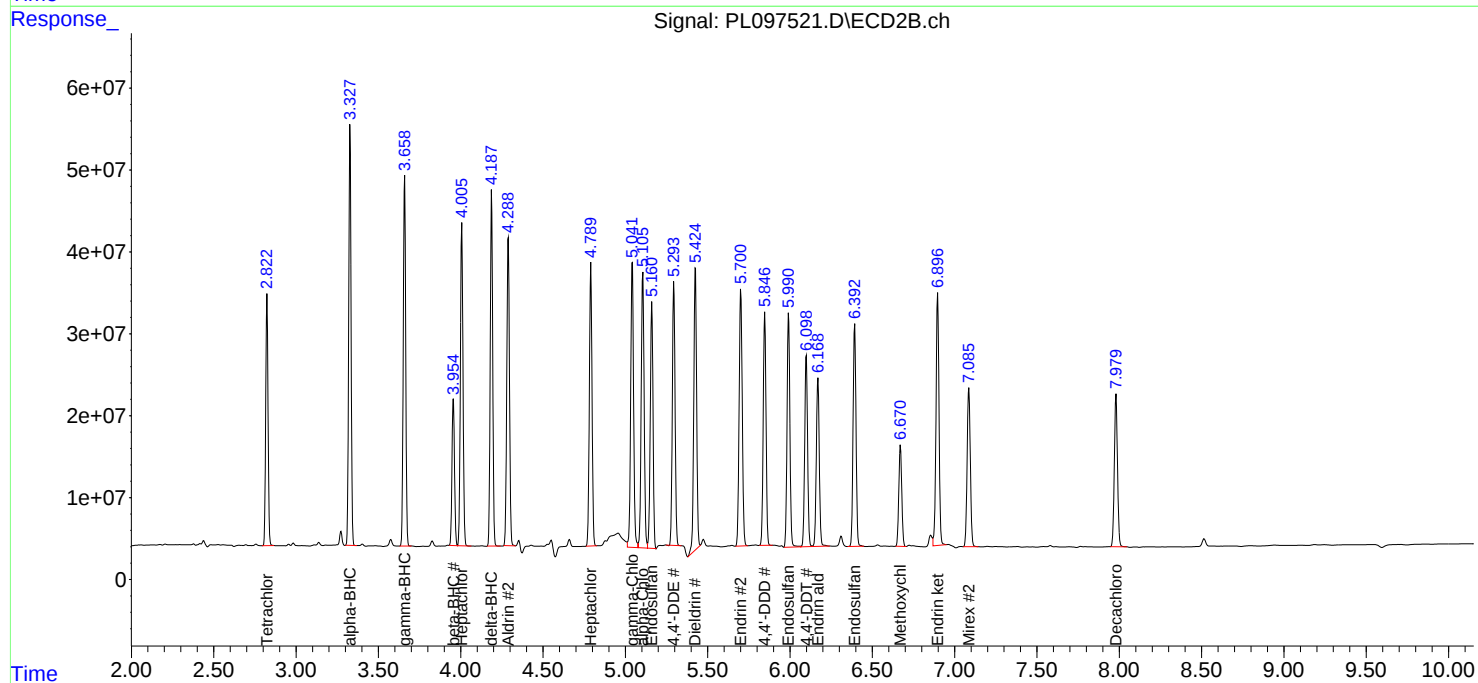
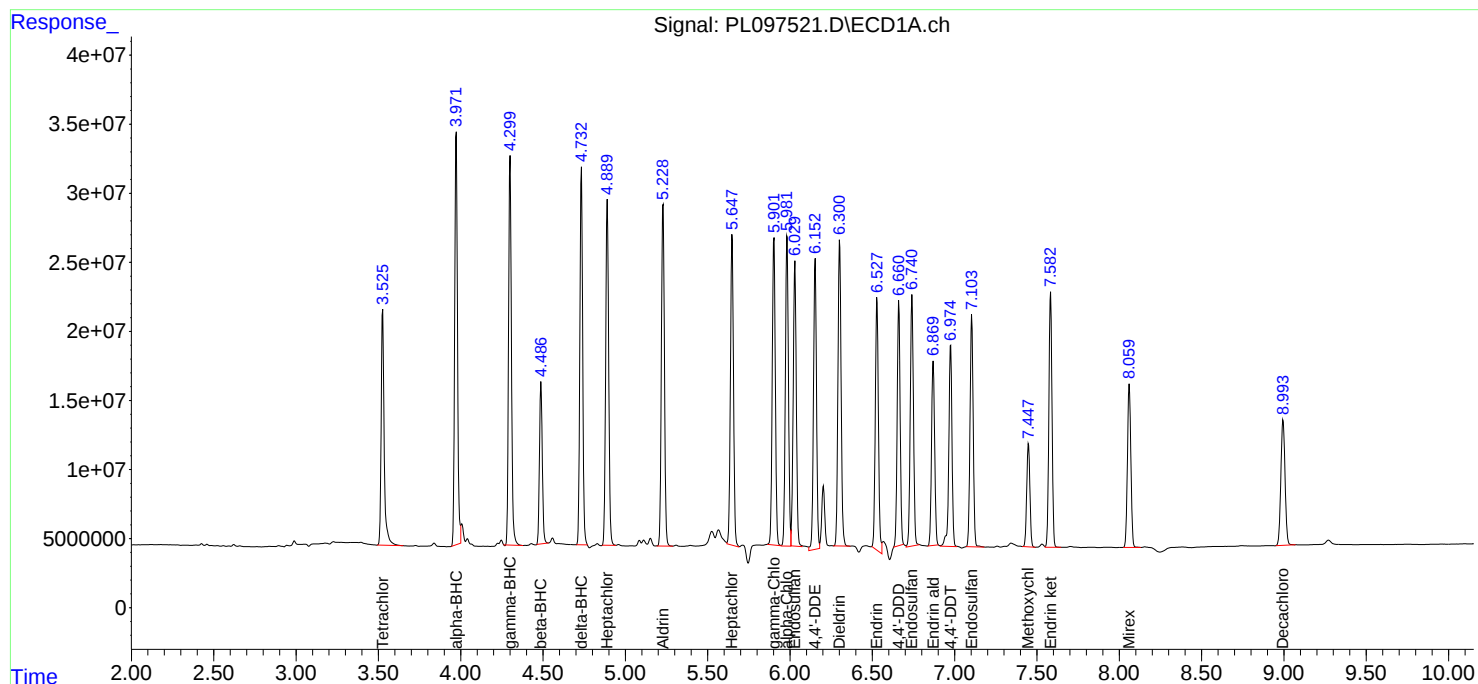
APPROVED

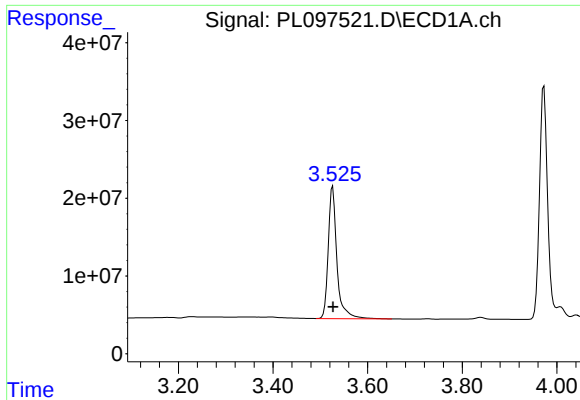
Reviewed By :Abdul Mirza 10/06/2025

Supervised By :mohammad ahmed 10/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 06 01:22:29 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





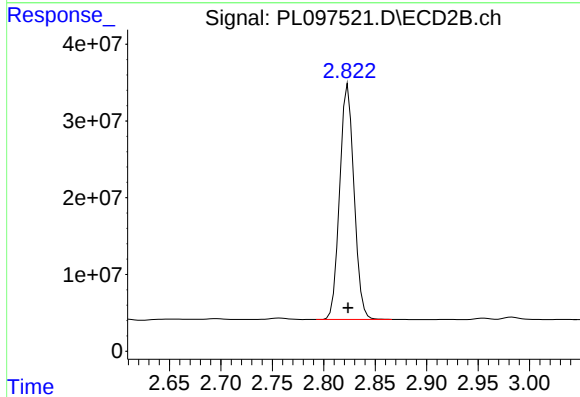
#1 Tetrachloro-m-xylene

R.T.: 3.526 min
Delta R.T.: 0.000 min
Response: 216847015
Conc: 47.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

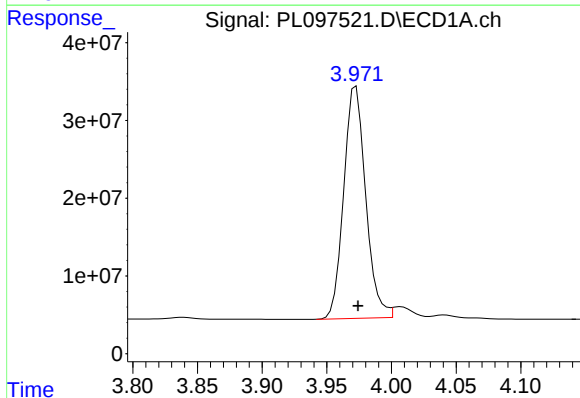
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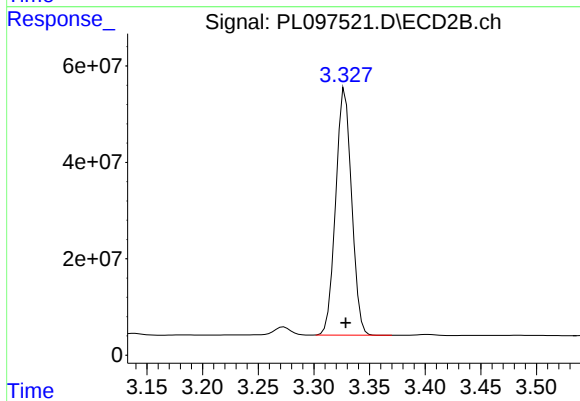
#1 Tetrachloro-m-xylene

R.T.: 2.824 min
Delta R.T.: 0.000 min
Response: 297103478
Conc: 45.18 ng/ml



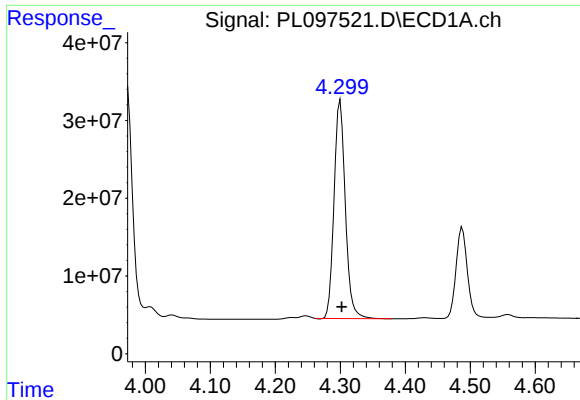
#2 alpha-BHC

R.T.: 3.973 min
Delta R.T.: -0.002 min
Response: 351739498
Conc: 50.34 ng/ml



#2 alpha-BHC

R.T.: 3.328 min
Delta R.T.: 0.000 min
Response: 508737698
Conc: 51.09 ng/ml



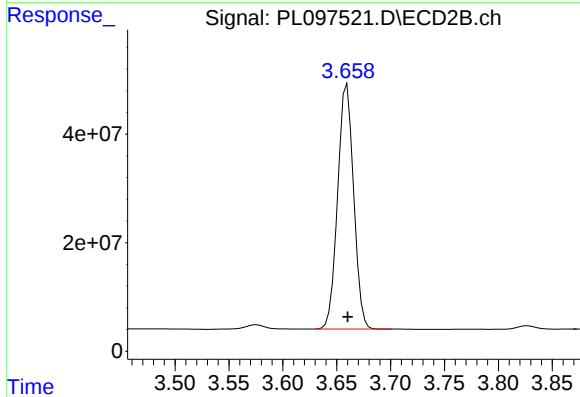
#3 gamma-BHC (Lindane)

R.T.: 4.300 min
Delta R.T.: -0.002 min
Response: 337594315
Conc: 51.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

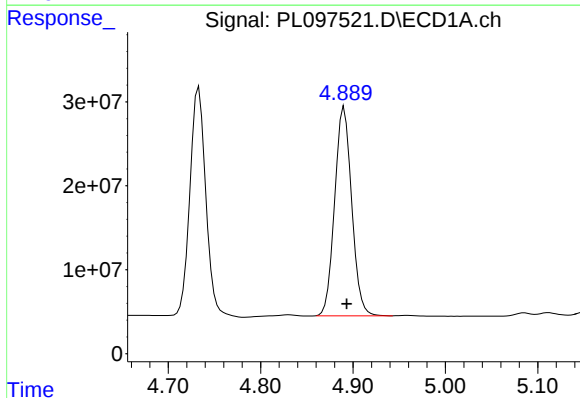
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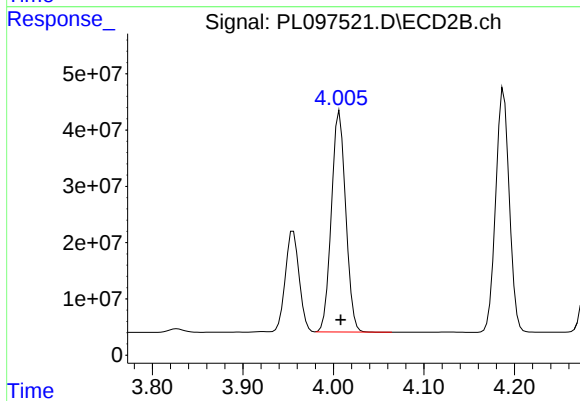
#3 gamma-BHC (Lindane)

R.T.: 3.660 min
Delta R.T.: 0.000 min
Response: 465317427
Conc: 49.96 ng/ml



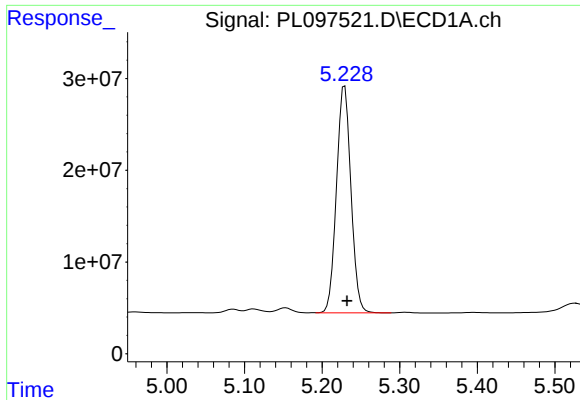
#4 Heptachlor

R.T.: 4.891 min
Delta R.T.: -0.003 min
Response: 318217483
Conc: 47.71 ng/ml



#4 Heptachlor

R.T.: 4.007 min
Delta R.T.: -0.001 min
Response: 431418279
Conc: 46.36 ng/ml



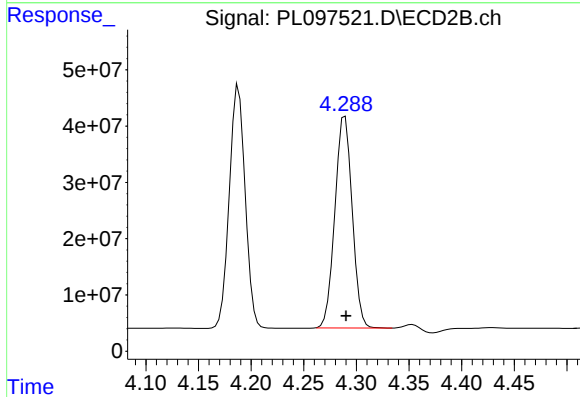
#5 Aldrin

R.T.: 5.229 min
Delta R.T.: -0.003 min
Response: 320369401
Conc: 50.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

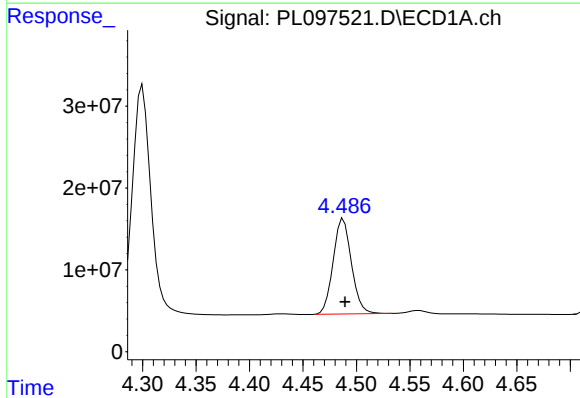
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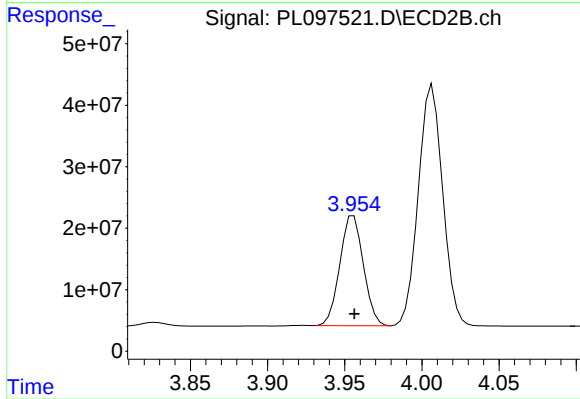
#5 Aldrin

R.T.: 4.289 min
Delta R.T.: -0.001 min
Response: 430549236
Conc: 49.61 ng/ml



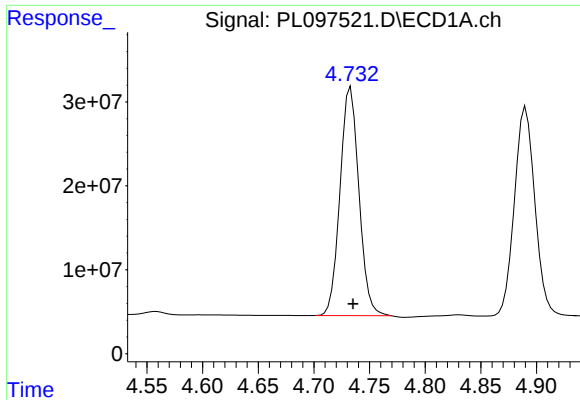
#6 beta-BHC

R.T.: 4.488 min
Delta R.T.: -0.002 min
Response: 138348149
Conc: 50.75 ng/ml



#6 beta-BHC

R.T.: 3.956 min
Delta R.T.: 0.000 min
Response: 189878092
Conc: 46.74 ng/ml



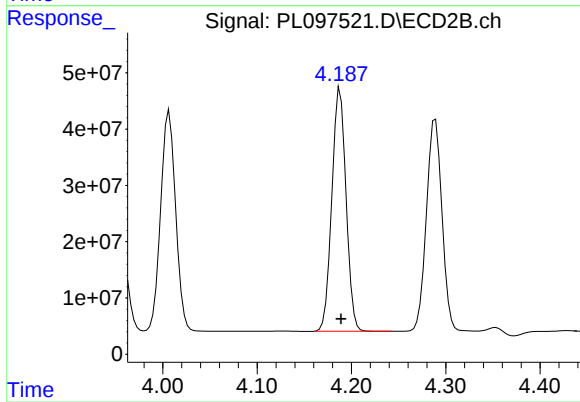
#7 delta-BHC

R.T.: 4.732 min
Delta R.T.: -0.003 min
Response: 321979029
Conc: 53.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

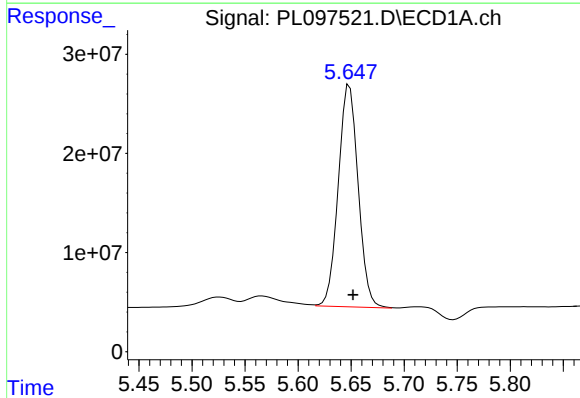
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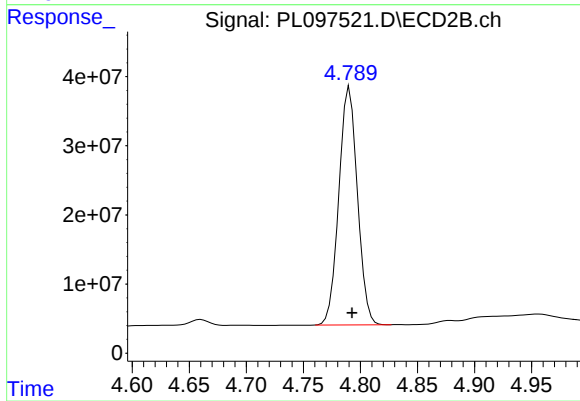
#7 delta-BHC

R.T.: 4.188 min
Delta R.T.: 0.000 min
Response: 451563086
Conc: 49.12 ng/ml



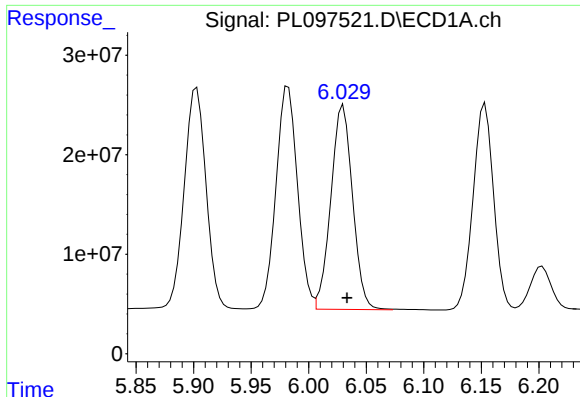
#8 Heptachlor epoxide

R.T.: 5.647 min
Delta R.T.: -0.005 min
Response: 291734343
Conc: 50.76 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.791 min
Delta R.T.: -0.002 min
Response: 390296844
Conc: 49.21 ng/ml



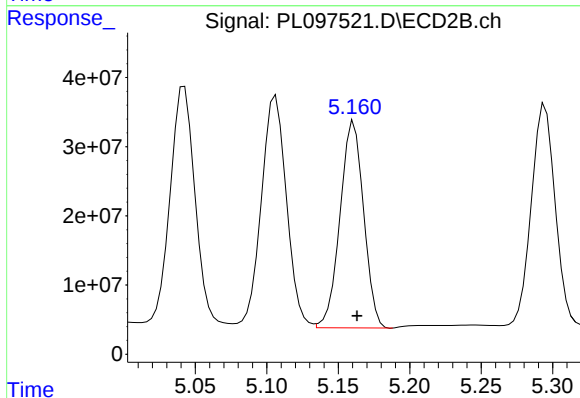
#9 Endosulfan I

R.T.: 6.029 min
Delta R.T.: -0.005 min
Response: 268311917
Conc: 51.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

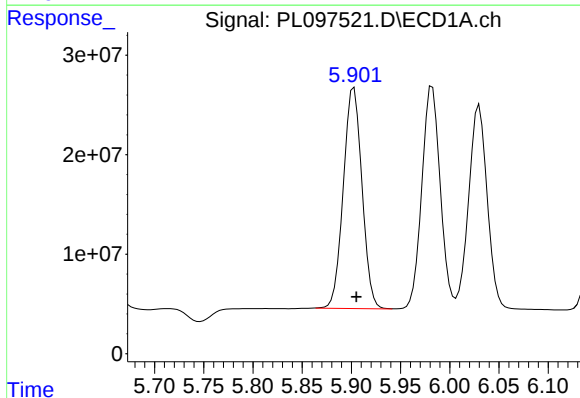
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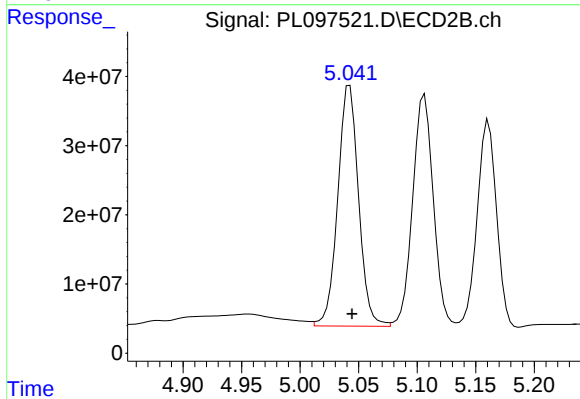
#9 Endosulfan I

R.T.: 5.161 min
Delta R.T.: -0.002 min
Response: 343804151
Conc: 44.75 ng/ml



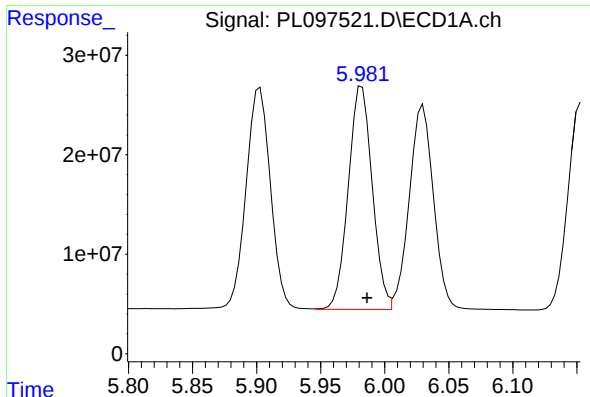
#10 gamma-Chlordane

R.T.: 5.901 min
Delta R.T.: -0.004 min
Response: 293200329
Conc: 51.86 ng/ml m



#10 gamma-Chlordane

R.T.: 5.042 min
Delta R.T.: -0.002 min
Response: 430517542
Conc: 49.29 ng/ml



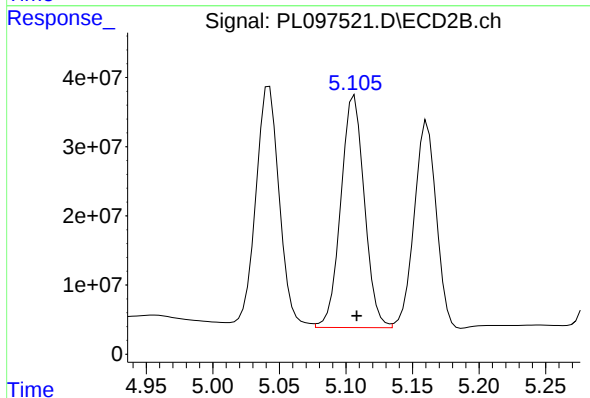
#11 alpha-Chlordane

R.T.: 5.981 min
Delta R.T.: -0.005 min
Response: 291219905
Conc: 51.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

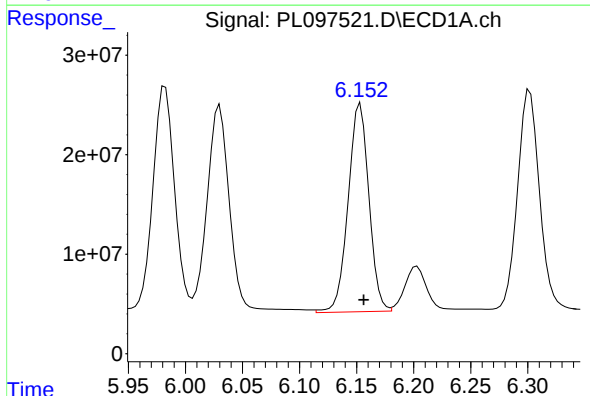
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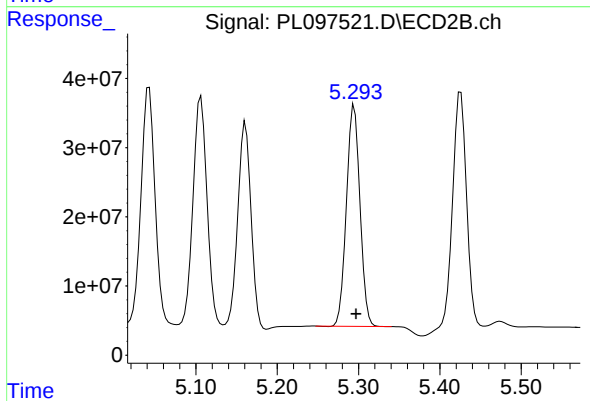
#11 alpha-Chlordane

R.T.: 5.106 min
Delta R.T.: -0.002 min
Response: 413014056
Conc: 49.76 ng/ml



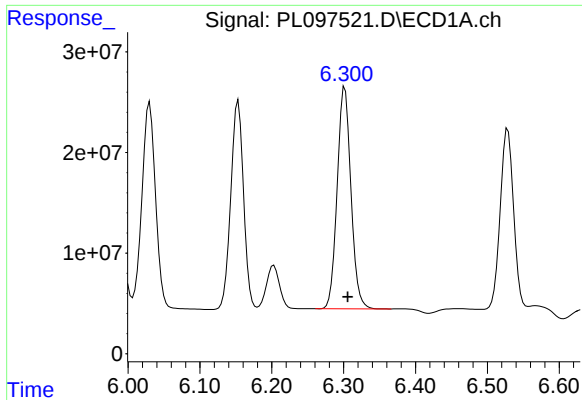
#12 4,4'-DDE

R.T.: 6.153 min
Delta R.T.: -0.003 min
Response: 265172093
Conc: 55.65 ng/ml



#12 4,4'-DDE

R.T.: 5.295 min
Delta R.T.: -0.002 min
Response: 368867479
Conc: 48.00 ng/ml



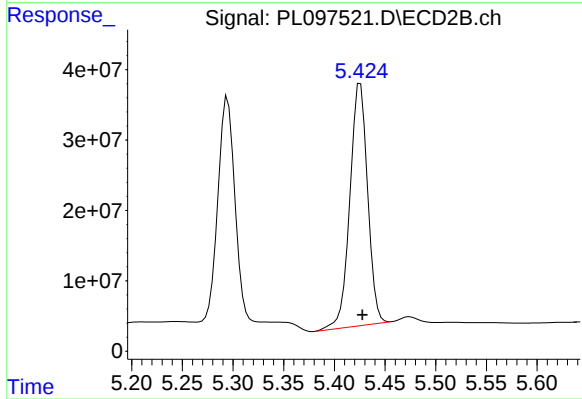
#13 Dieldrin

R.T.: 6.302 min
Delta R.T.: -0.004 min
Response: 292984399
Conc: 53.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

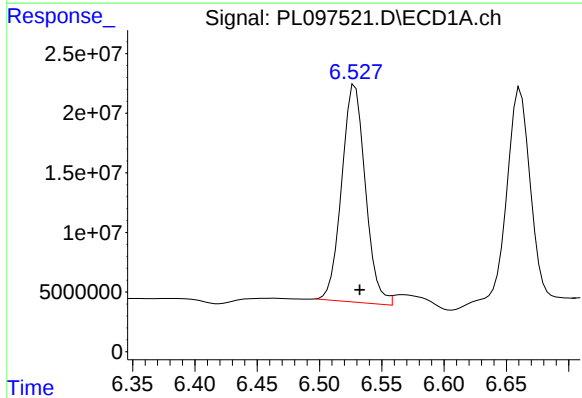
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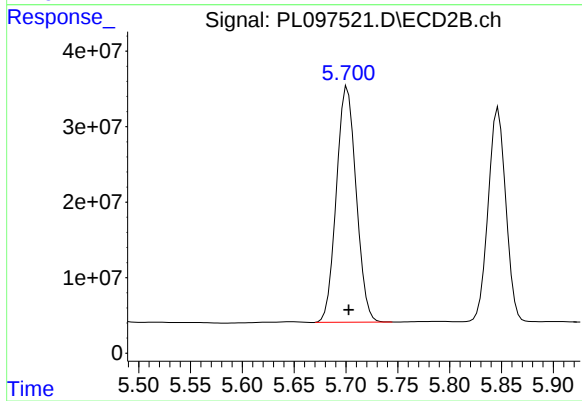
#13 Dieldrin

R.T.: 5.426 min
Delta R.T.: -0.002 min
Response: 419195950
Conc: 51.27 ng/ml



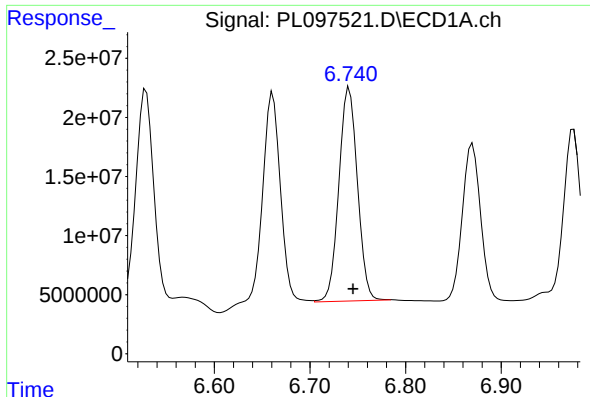
#14 Endrin

R.T.: 6.529 min
Delta R.T.: -0.004 min
Response: 241774662
Conc: 52.41 ng/ml



#14 Endrin

R.T.: 5.701 min
Delta R.T.: -0.001 min
Response: 414595184
Conc: 55.20 ng/ml



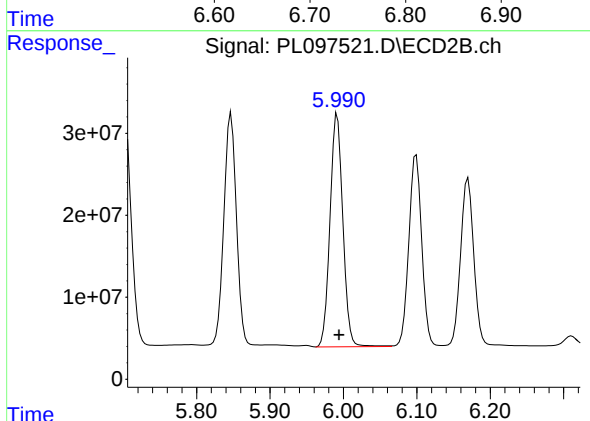
#15 Endosulfan II

R.T.: 6.740 min
Delta R.T.: -0.006 min
Response: 244175939
Conc: 49.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

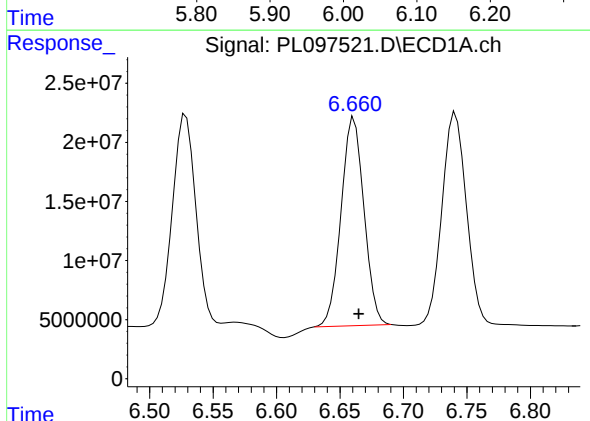
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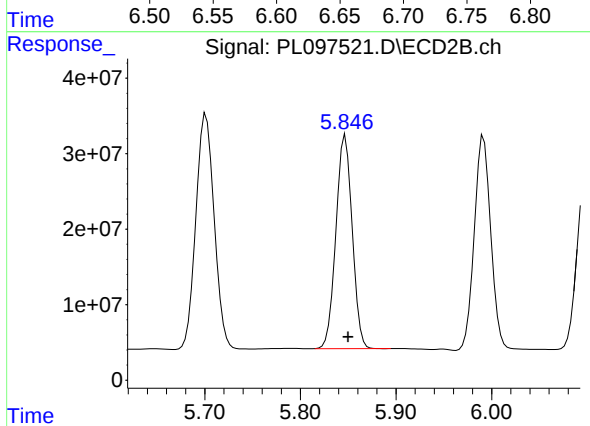
#15 Endosulfan II

R.T.: 5.992 min
Delta R.T.: -0.003 min
Response: 345669712
Conc: 48.62 ng/ml



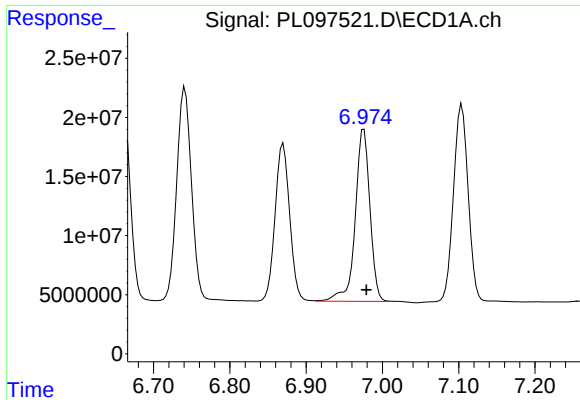
#16 4,4'-DDD

R.T.: 6.660 min
Delta R.T.: -0.005 min
Response: 221300393
Conc: 58.69 ng/ml m



#16 4,4'-DDD

R.T.: 5.847 min
Delta R.T.: -0.003 min
Response: 334328762
Conc: 51.84 ng/ml



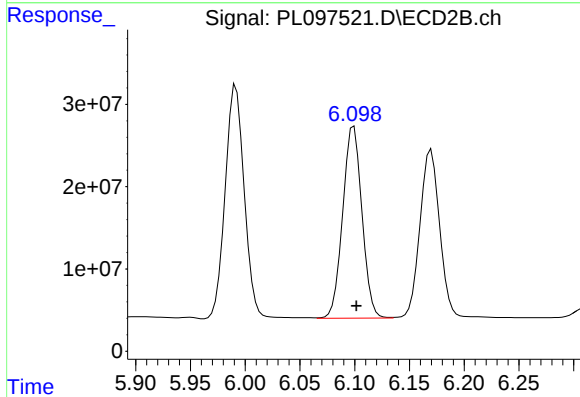
#17 4,4'-DDT

R.T.: 6.974 min
Delta R.T.: -0.005 min
Response: 195228594
Conc: 46.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

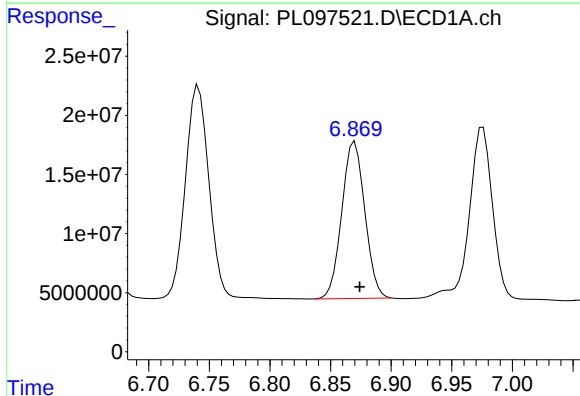
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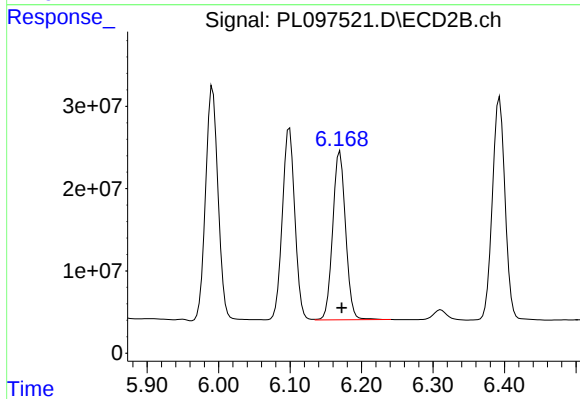
#17 4,4'-DDT

R.T.: 6.099 min
Delta R.T.: -0.002 min
Response: 285329825
Conc: 41.23 ng/ml



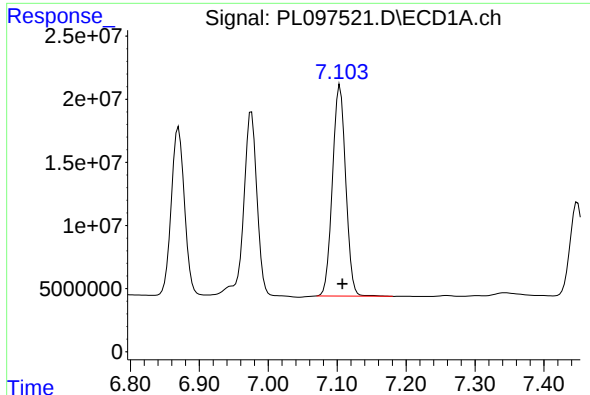
#18 Endrin aldehyde

R.T.: 6.869 min
Delta R.T.: -0.006 min
Response: 175107147
Conc: 56.80 ng/ml m



#18 Endrin aldehyde

R.T.: 6.170 min
Delta R.T.: -0.002 min
Response: 257023066
Conc: 48.16 ng/ml



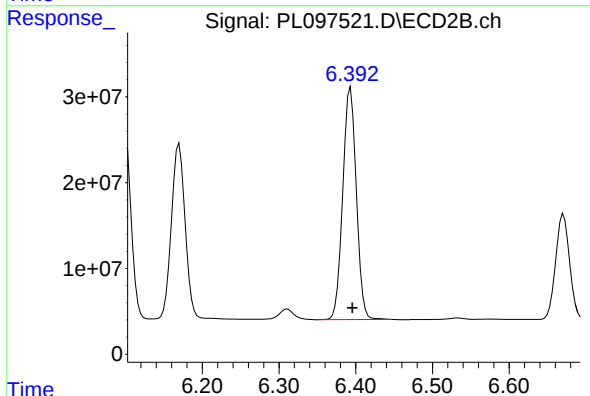
#19 Endosulfan Sulfate

R.T.: 7.104 min
Delta R.T.: -0.004 min
Response: 223387400
Conc: 54.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

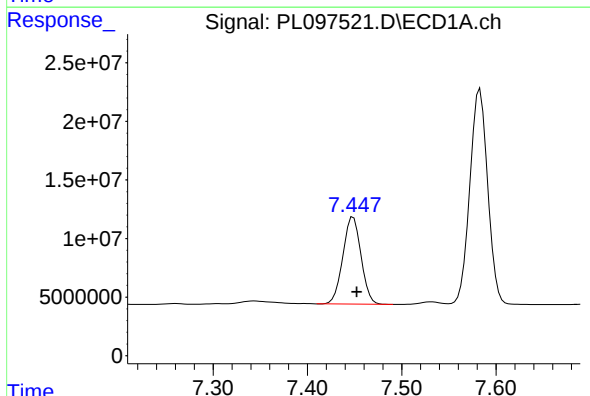
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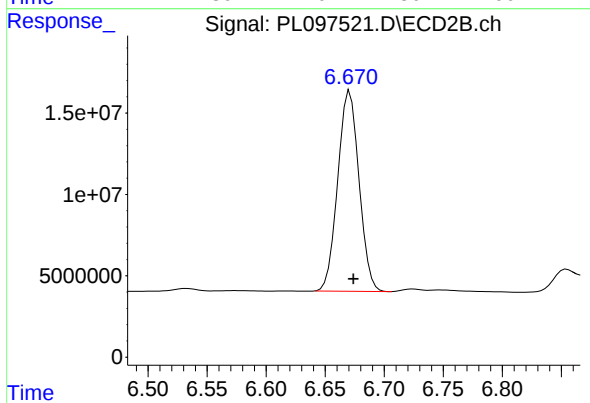
#19 Endosulfan Sulfate

R.T.: 6.393 min
Delta R.T.: -0.002 min
Response: 333094923
Conc: 48.63 ng/ml



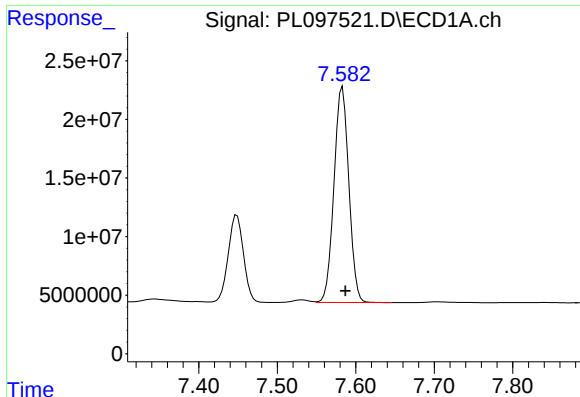
#20 Methoxychlor

R.T.: 7.449 min
Delta R.T.: -0.004 min
Response: 99662212
Conc: 47.79 ng/ml



#20 Methoxychlor

R.T.: 6.671 min
Delta R.T.: -0.003 min
Response: 154513911
Conc: 40.99 ng/ml



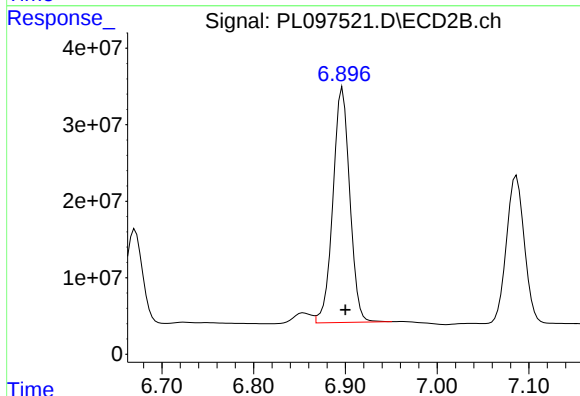
#21 Endrin ketone

R.T.: 7.583 min
Delta R.T.: -0.004 min
Response: 242547722
Conc: 57.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

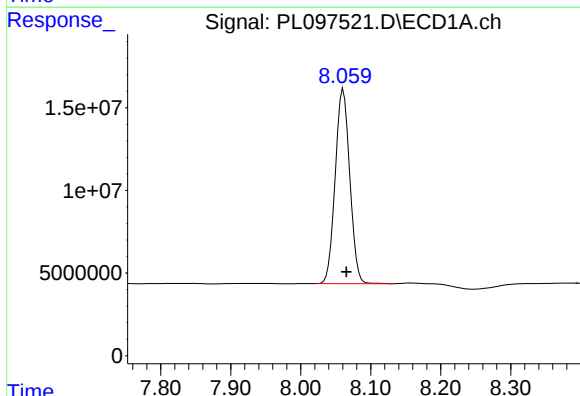
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/06/2025
Supervised By :mohammad ahmed 10/07/2025



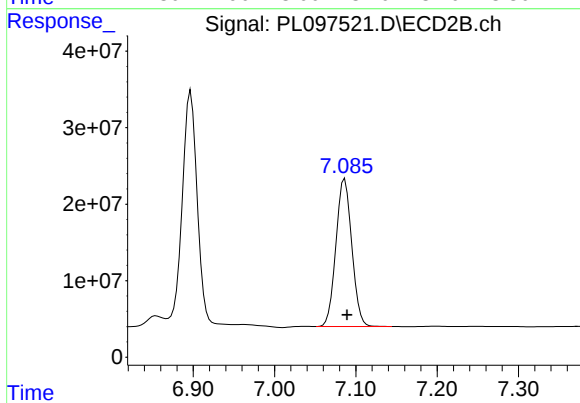
#21 Endrin ketone

R.T.: 6.897 min
Delta R.T.: -0.003 min
Response: 392270243
Conc: 52.09 ng/ml



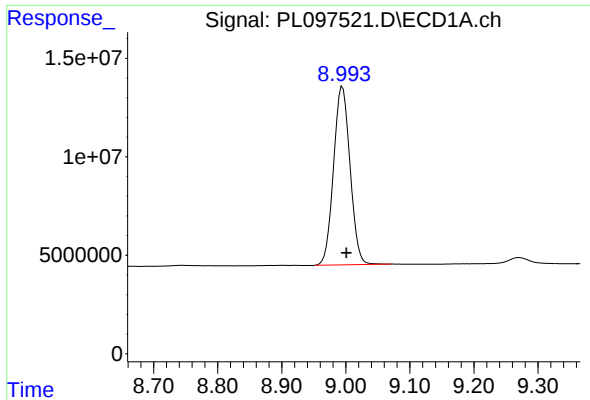
#22 Mirex

R.T.: 8.061 min
Delta R.T.: -0.005 min
Response: 170094614
Conc: 47.91 ng/ml



#22 Mirex

R.T.: 7.086 min
Delta R.T.: -0.003 min
Response: 261807718
Conc: 43.79 ng/ml



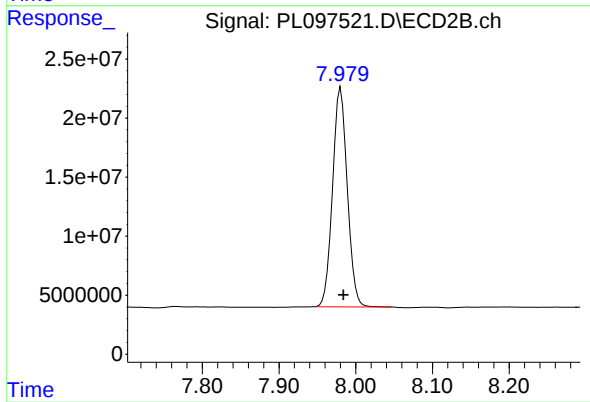
#28 Decachlorobiphenyl

R.T.: 8.995 min
Delta R.T.: -0.006 min
Response: 161794646
Conc: 49.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 10/07/2025



#28 Decachlorobiphenyl

R.T.: 7.980 min
Delta R.T.: -0.004 min
Response: 247502597
Conc: 43.49 ng/ml