

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101025\
 Data File : PL097598.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Oct 2025 13:05
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/13/2025
 Supervised By : mohammad ahmed 10/16/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 11 07:18:01 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100725.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 07 16:47:00 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...	3.524	2.818	233.5E6	315.2E6	57.282	51.780
28)	SA Decachlor...	8.997	7.979	163.3E6	238.0E6	54.905	45.860
Target Compounds							
2)	A alpha-BHC	3.970	3.323	389.7E6	519.1E6	57.772	52.605
3)	MA gamma-BHC...	4.298	3.655	366.1E6	479.2E6	57.596	52.162
4)	MA Heptachlor	4.889	4.002	353.4E6	454.9E6	54.787	49.491
5)	MB Aldrin	5.229	4.284	340.6E6	444.2E6	56.647	51.218
6)	B beta-BHC	4.486	3.951	148.5E6	196.8E6	57.417	49.482
7)	B delta-BHC	4.732	4.183	345.2E6	468.4E6	56.844	51.853
8)	B Heptachlo...	5.649	4.786	328.8E6	395.3E6	56.481	50.056
9)	A Endosulfan I	6.028	5.157	276.8E6	359.4E6	55.680m	48.736
10)	B gamma-Chl...	5.901	5.038	311.0E6	424.2E6	57.298m	48.794
11)	B alpha-Chl...	5.981	5.102	308.7E6	415.7E6	56.885m	49.920
12)	B 4,4'-DDE	6.153	5.291	277.8E6	386.3E6	59.650	50.875
13)	MA Dieldrin	6.302	5.422	299.9E6	427.8E6	57.010	51.741
14)	MA Endrin	6.528	5.697	241.8E6	378.1E6	54.038	51.078
15)	B Endosulfa...	6.743	5.989	267.2E6	351.4E6	54.614	50.890
16)	A 4,4'-DDD	6.661	5.844	221.5E6	343.9E6	58.692m	53.909
17)	MA 4,4'-DDT	6.977	6.096	210.3E6	309.9E6	51.867	46.509
18)	B Endrin al...	6.870	6.167	180.6E6	260.3E6	55.113m	45.205
19)	B Endosulfa...	7.105	6.390	218.9E6	330.0E6	54.596	49.573
20)	A Methoxychlor	7.450	6.669	100.1E6	160.8E6	47.924	44.113
21)	B Endrin ke...	7.584	6.895	236.8E6	402.0E6	55.311	50.886
22)	Mirex	8.062	7.084	159.4E6	251.8E6	51.303	47.066

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101025\
Data File : PL097598.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 13:05
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

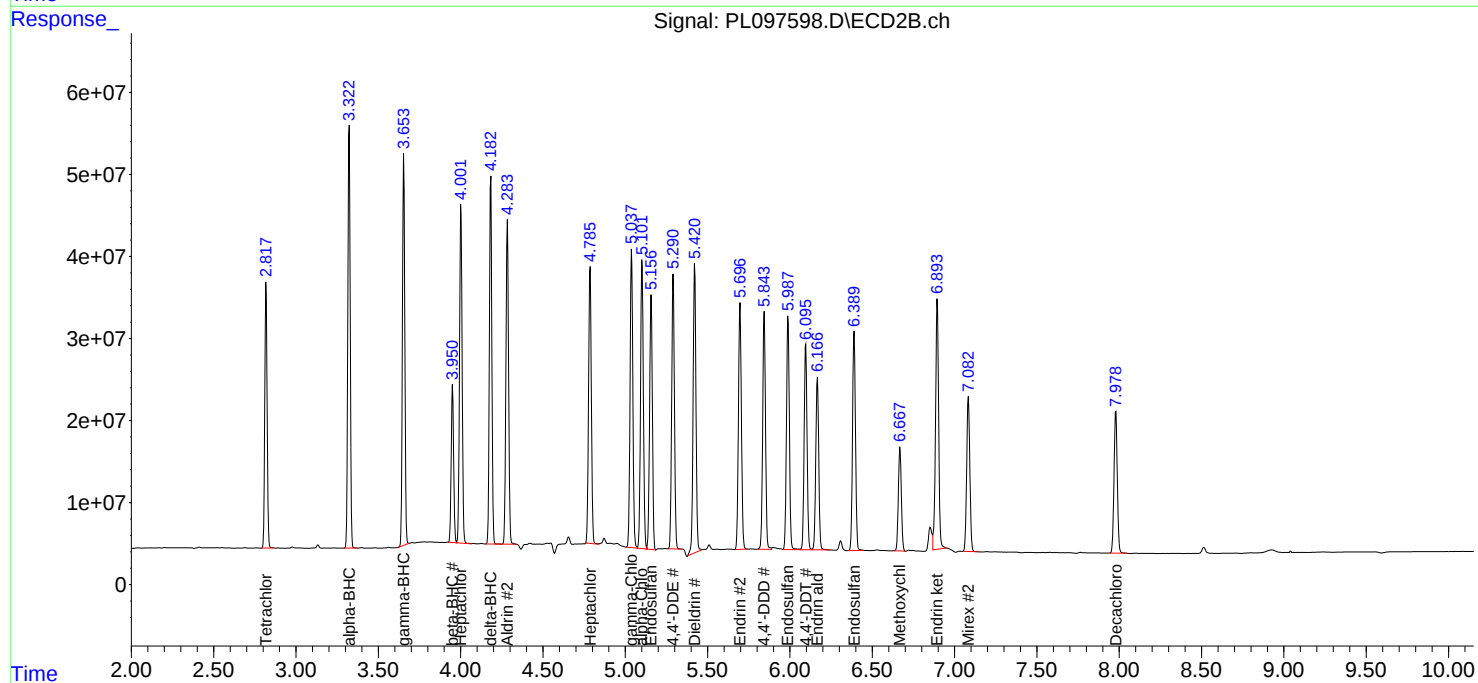
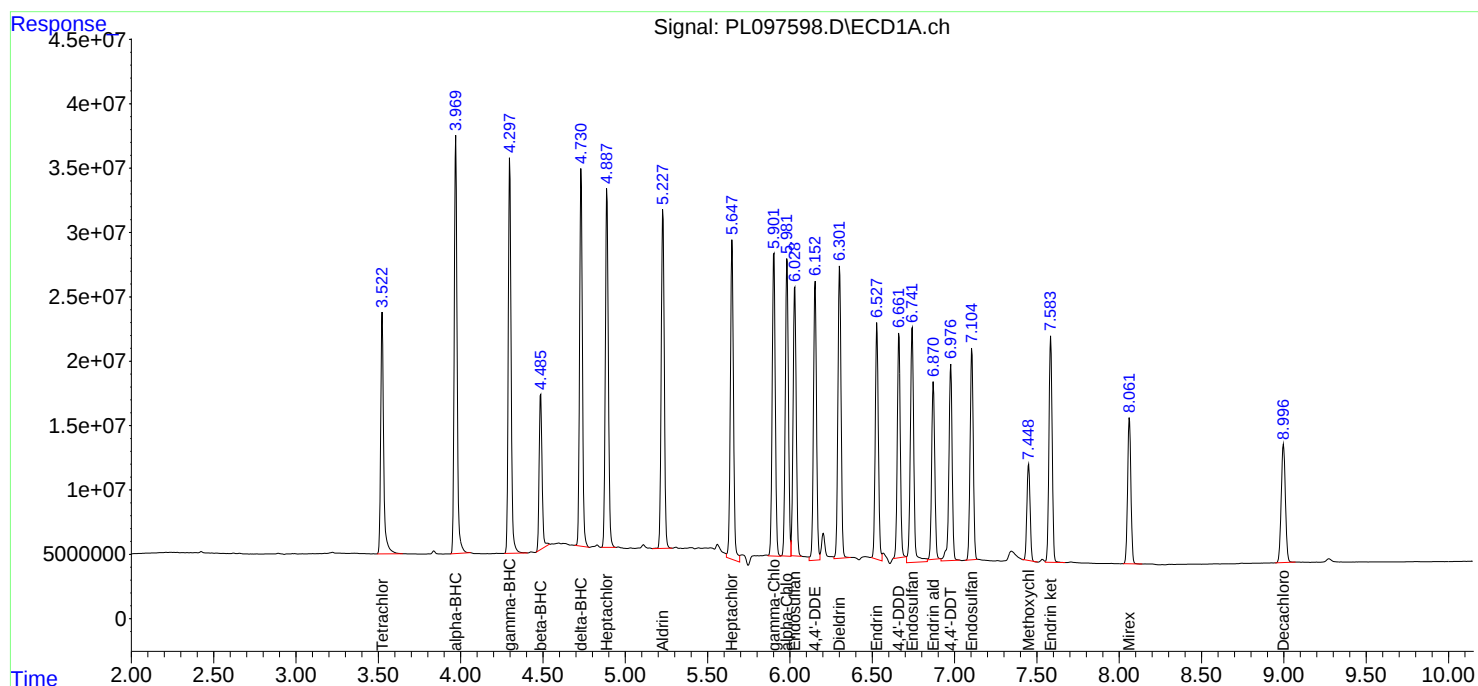
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

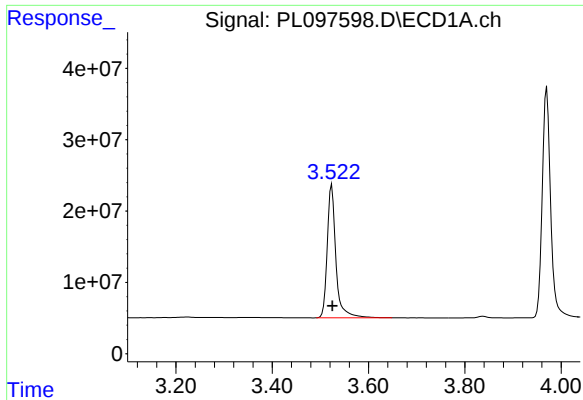
Manual Integrations
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Supervised By :mohammad ahmed 10/16/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 11 07:18:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100725.M
Quant Title : GC Extractables
QLast Update : Tue Oct 07 16:47:00 2025
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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.: 3.524 min
Delta R.T.: -0.001 min
Response: 233522611
Conc: 57.28 ng/ml

Instrument :

ECD_L

ClientSampleId :

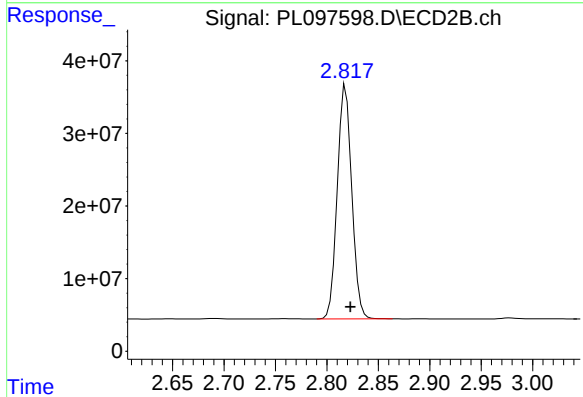
PSTDCCC050

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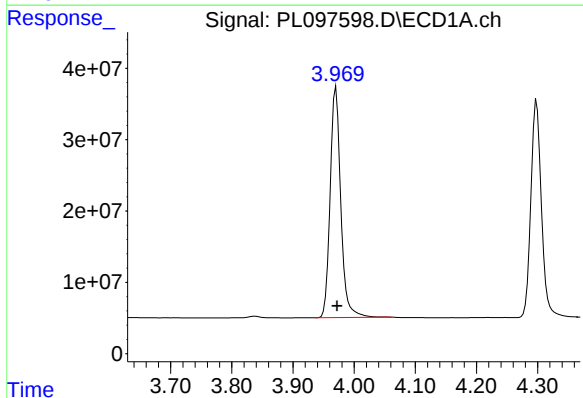
Reviewed By :Abdul Mirza 10/13/2025

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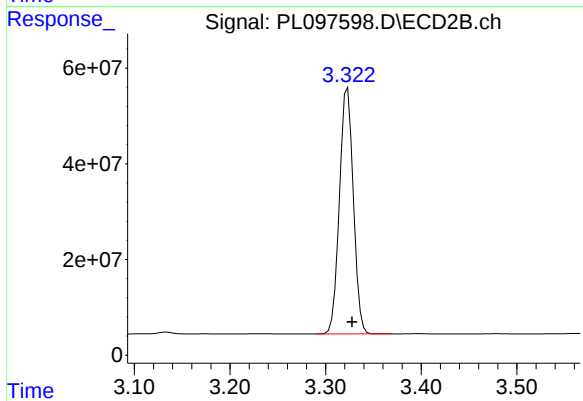
#1 Tetrachloro-m-xylene

R.T.: 2.818 min
Delta R.T.: -0.005 min
Response: 315156549
Conc: 51.78 ng/ml



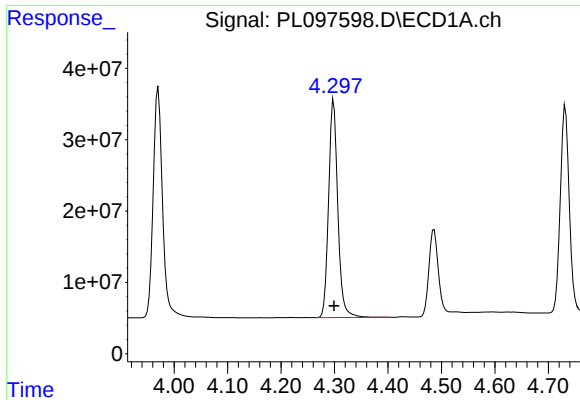
#2 alpha-BHC

R.T.: 3.970 min
Delta R.T.: -0.002 min
Response: 389714505
Conc: 57.77 ng/ml



#2 alpha-BHC

R.T.: 3.323 min
Delta R.T.: -0.005 min
Response: 519050869
Conc: 52.60 ng/ml



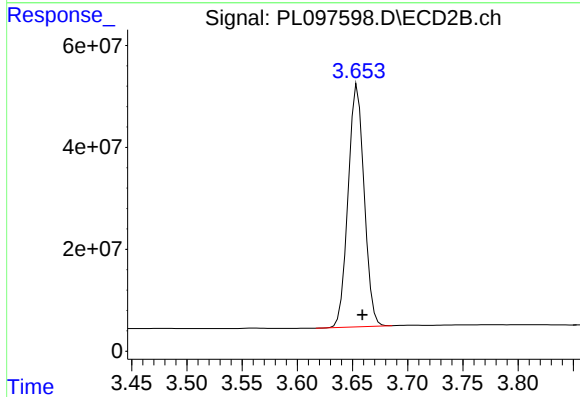
#3 gamma-BHC (Lindane)

R.T.: 4.298 min
Delta R.T.: -0.001 min
Response: 366098360
Conc: 57.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

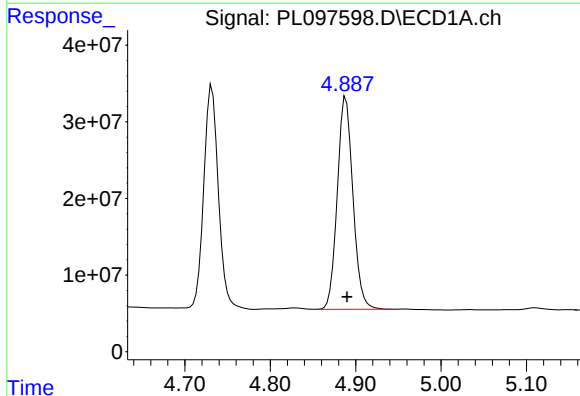
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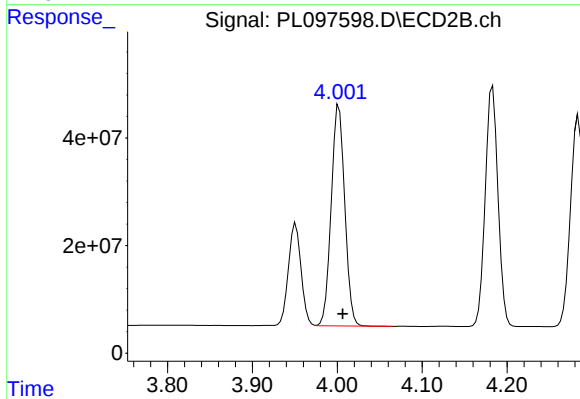
#3 gamma-BHC (Lindane)

R.T.: 3.655 min
Delta R.T.: -0.005 min
Response: 479222313
Conc: 52.16 ng/ml



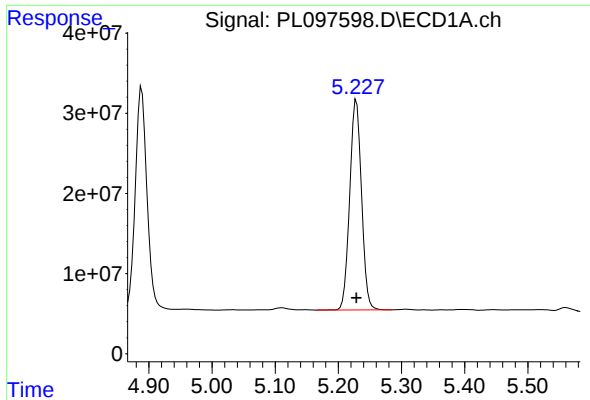
#4 Heptachlor

R.T.: 4.889 min
Delta R.T.: -0.001 min
Response: 353416265
Conc: 54.79 ng/ml



#4 Heptachlor

R.T.: 4.002 min
Delta R.T.: -0.004 min
Response: 454930913
Conc: 49.49 ng/ml



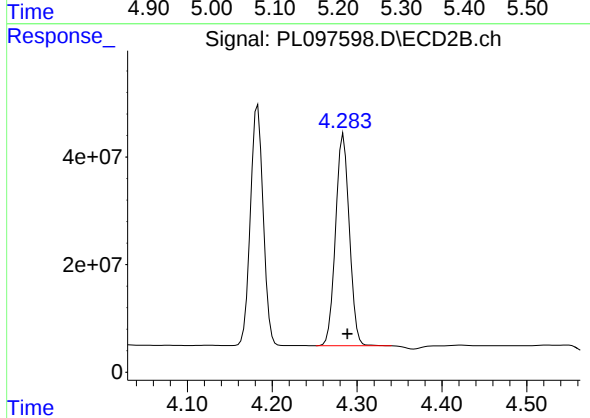
#5 Aldrin

R.T.: 5.229 min
Delta R.T.: 0.000 min
Response: 340600258
Conc: 56.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

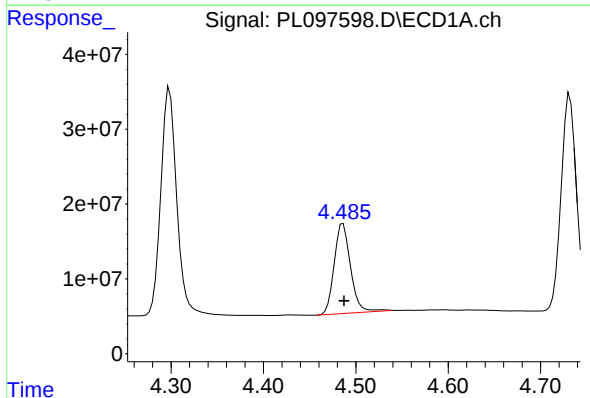
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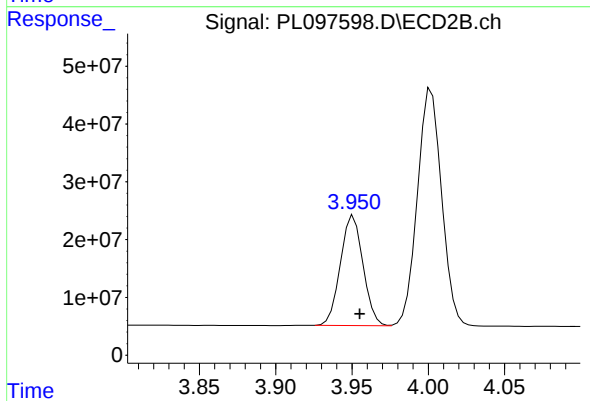
#5 Aldrin

R.T.: 4.284 min
Delta R.T.: -0.004 min
Response: 444151006
Conc: 51.22 ng/ml



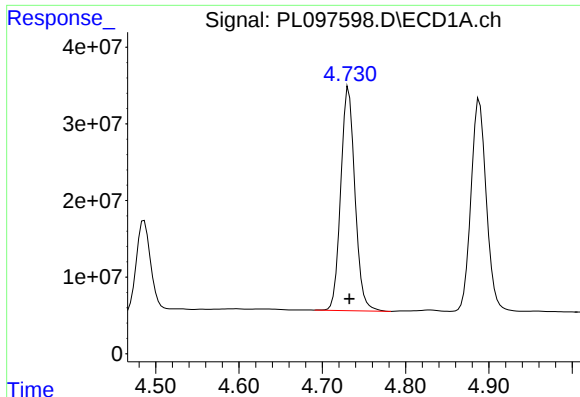
#6 beta-BHC

R.T.: 4.486 min
Delta R.T.: -0.001 min
Response: 148451333
Conc: 57.42 ng/ml



#6 beta-BHC

R.T.: 3.951 min
Delta R.T.: -0.004 min
Response: 196845666
Conc: 49.48 ng/ml



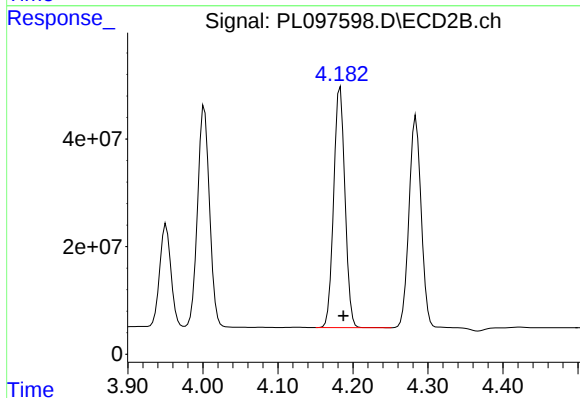
#7 delta-BHC

R.T.: 4.732 min
Delta R.T.: 0.000 min
Response: 345191737
Conc: 56.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

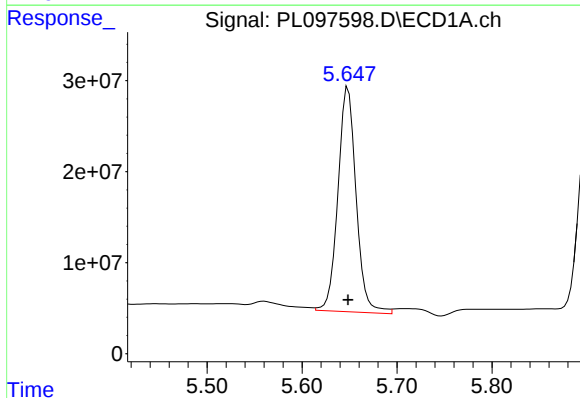
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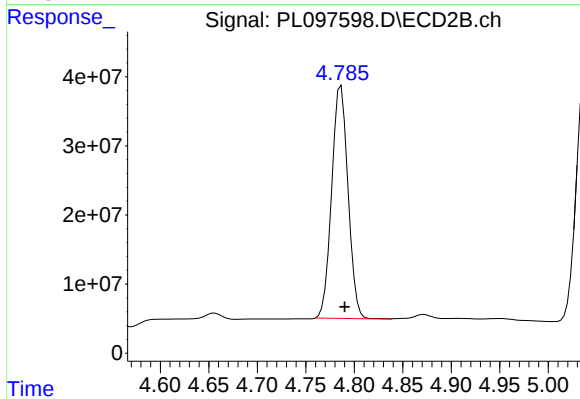
#7 delta-BHC

R.T.: 4.183 min
Delta R.T.: -0.004 min
Response: 468437540
Conc: 51.85 ng/ml



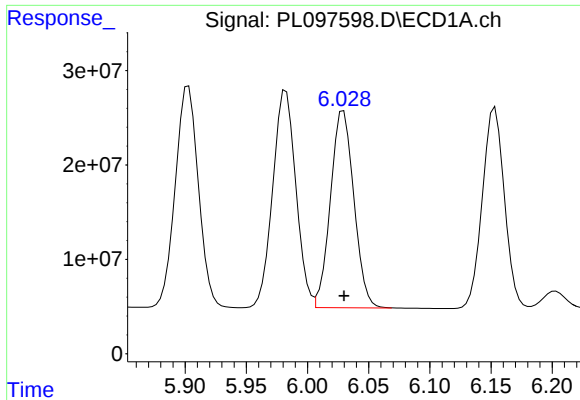
#8 Heptachlor epoxide

R.T.: 5.649 min
Delta R.T.: 0.000 min
Response: 328848412
Conc: 56.48 ng/ml



#8 Heptachlor epoxide

R.T.: 4.786 min
Delta R.T.: -0.004 min
Response: 395342079
Conc: 50.06 ng/ml



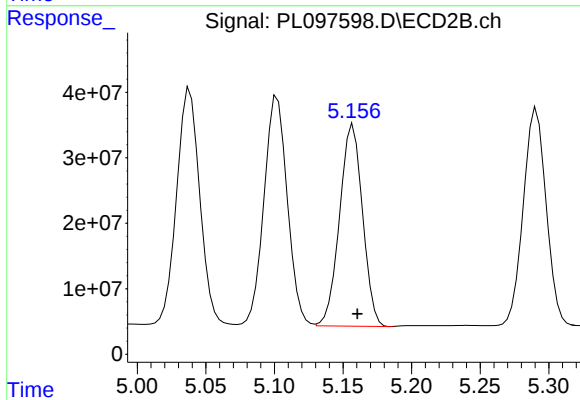
#9 Endosulfan I

R.T.: 6.028 min
Delta R.T.: -0.002 min
Response: 276806947
Conc: 55.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

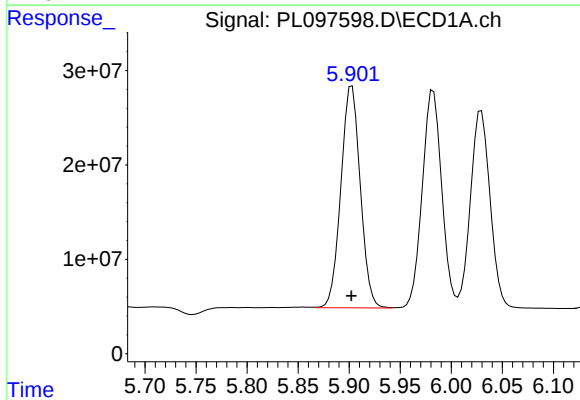
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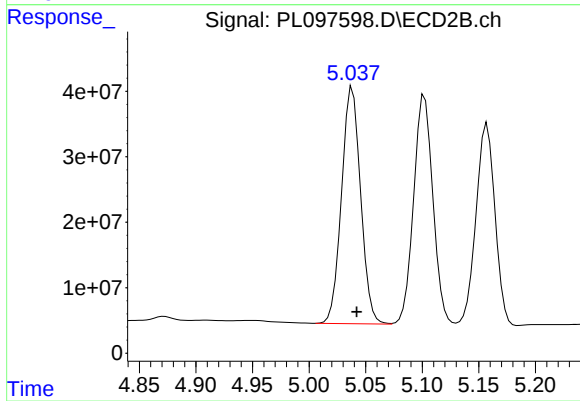
#9 Endosulfan I

R.T.: 5.157 min
Delta R.T.: -0.003 min
Response: 359393160
Conc: 48.74 ng/ml



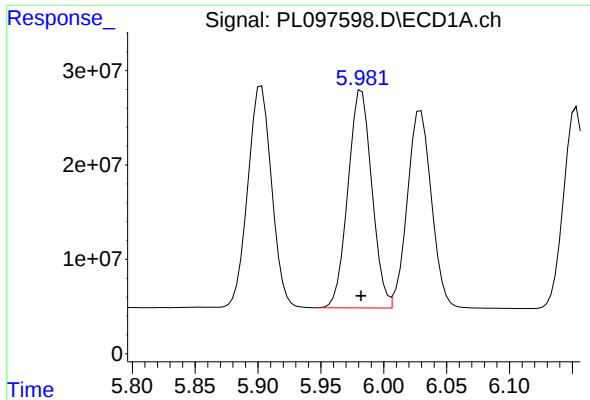
#10 gamma-Chlordane

R.T.: 5.901 min
Delta R.T.: 0.000 min
Response: 310982922
Conc: 57.30 ng/ml m



#10 gamma-Chlordane

R.T.: 5.038 min
Delta R.T.: -0.004 min
Response: 424172824
Conc: 48.79 ng/ml



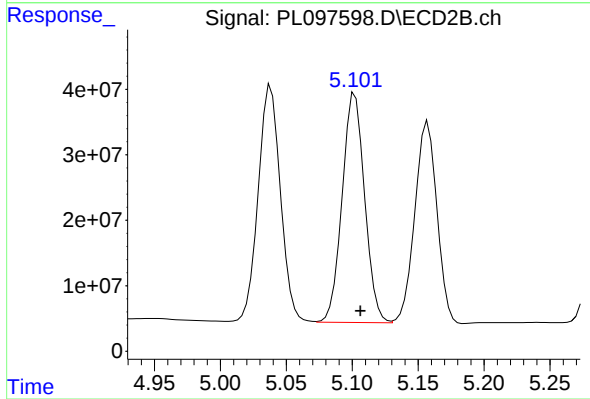
#11 alpha-Chlordane

R.T.: 5.981 min
Delta R.T.: 0.000 min
Response: 308686575
Conc: 56.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

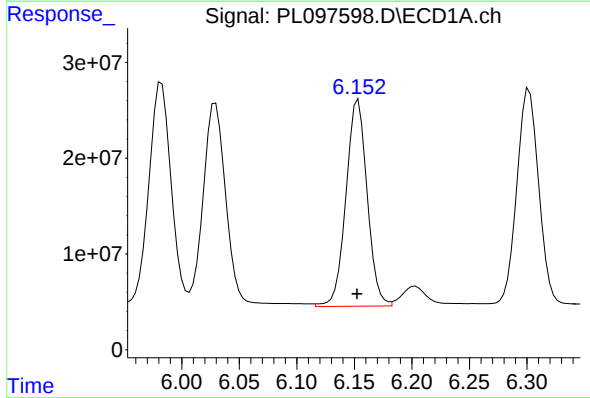
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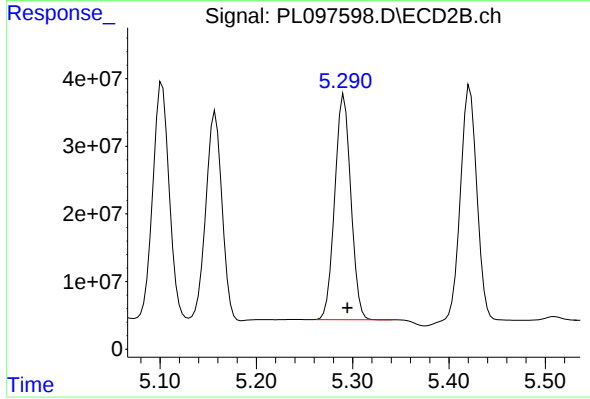
#11 alpha-Chlordane

R.T.: 5.102 min
Delta R.T.: -0.004 min
Response: 415694074
Conc: 49.92 ng/ml



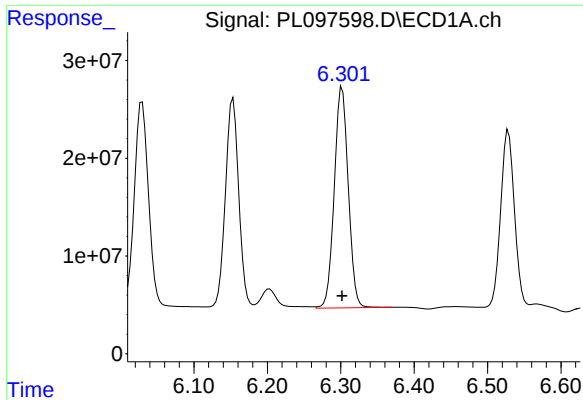
#12 4,4'-DDE

R.T.: 6.153 min
Delta R.T.: 0.000 min
Response: 277799677
Conc: 59.65 ng/ml



#12 4,4'-DDE

R.T.: 5.291 min
Delta R.T.: -0.003 min
Response: 386264097
Conc: 50.87 ng/ml



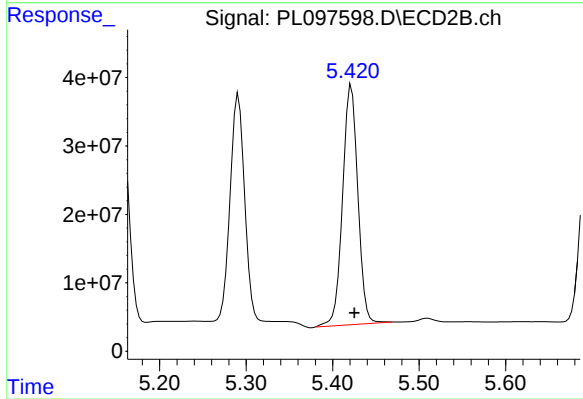
#13 Dieldrin

R.T.: 6.302 min
Delta R.T.: 0.000 min
Response: 299901392
Conc: 57.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

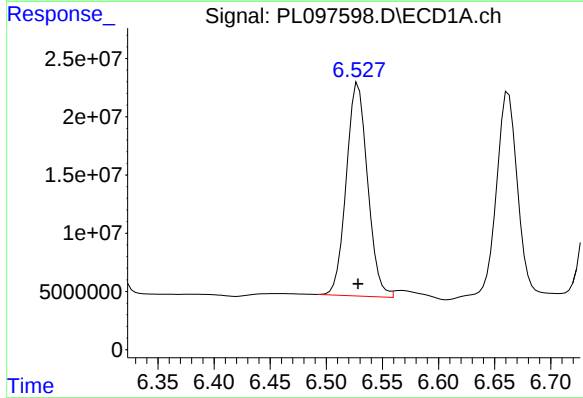
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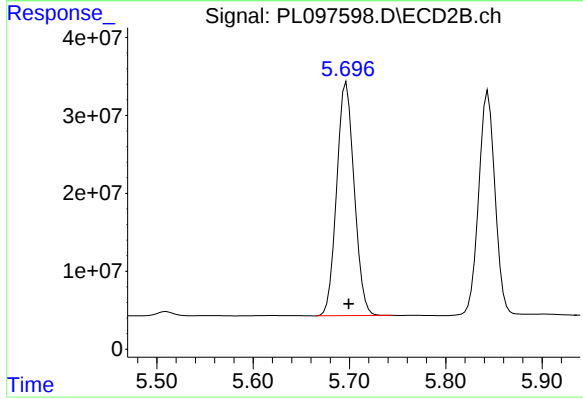
#13 Dieldrin

R.T.: 5.422 min
Delta R.T.: -0.003 min
Response: 427812650
Conc: 51.74 ng/ml



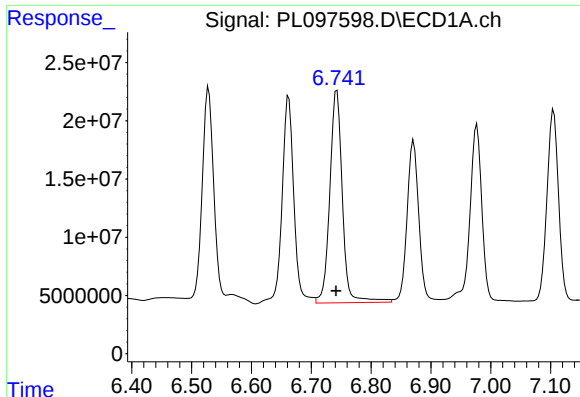
#14 Endrin

R.T.: 6.528 min
Delta R.T.: 0.000 min
Response: 241782731
Conc: 54.04 ng/ml



#14 Endrin

R.T.: 5.697 min
Delta R.T.: -0.002 min
Response: 378052447
Conc: 51.08 ng/ml



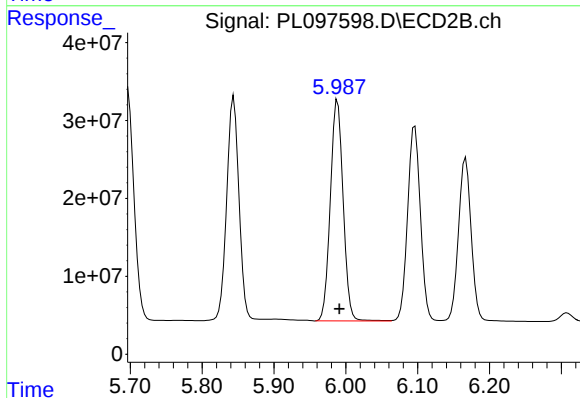
#15 Endosulfan II

R.T.: 6.743 min
Delta R.T.: 0.001 min
Response: 267178474
Conc: 54.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

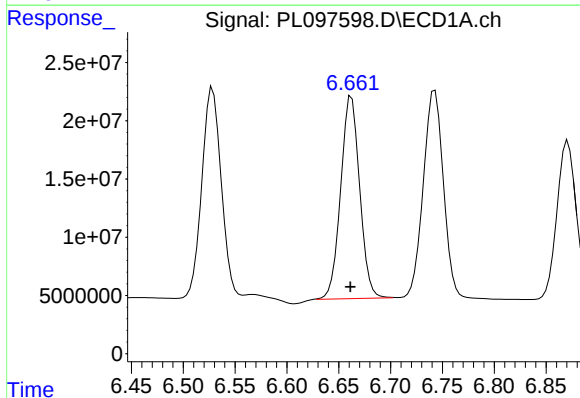
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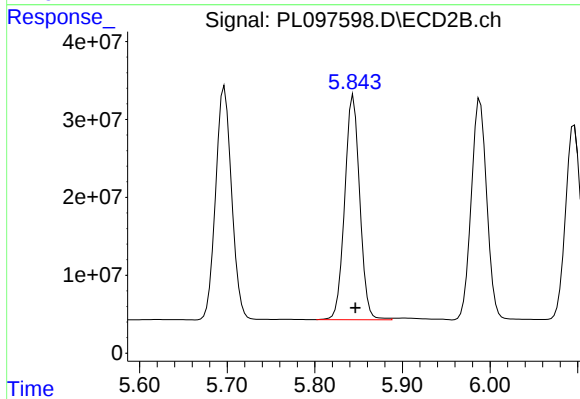
#15 Endosulfan II

R.T.: 5.989 min
Delta R.T.: -0.003 min
Response: 351392688
Conc: 50.89 ng/ml



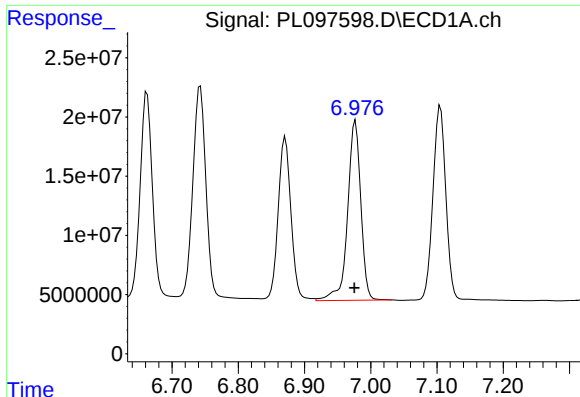
#16 4,4'-DDD

R.T.: 6.661 min
Delta R.T.: 0.000 min
Response: 221474451
Conc: 58.69 ng/ml m



#16 4,4'-DDD

R.T.: 5.844 min
Delta R.T.: -0.002 min
Response: 343879833
Conc: 53.91 ng/ml



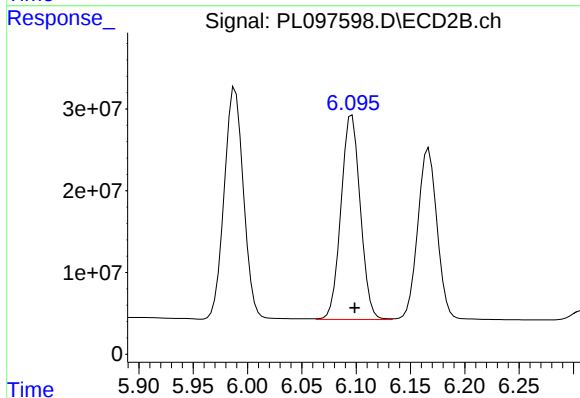
#17 4,4'-DDT

R.T.: 6.977 min
Delta R.T.: 0.002 min
Response: 210304197
Conc: 51.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

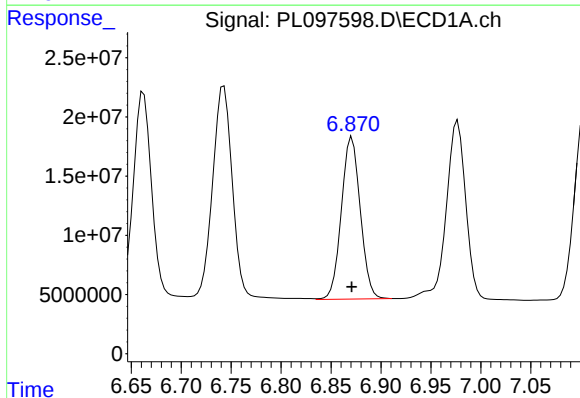
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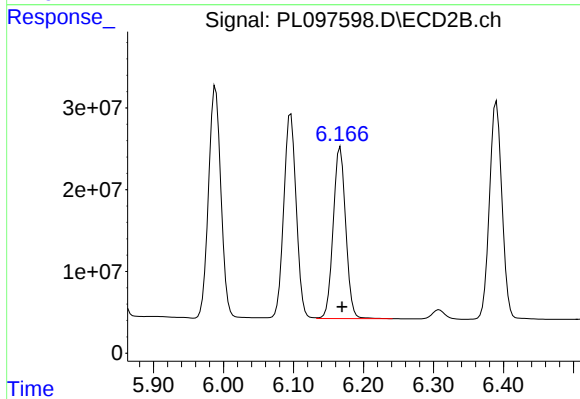
#17 4,4'-DDT

R.T.: 6.096 min
Delta R.T.: -0.003 min
Response: 309907821
Conc: 46.51 ng/ml



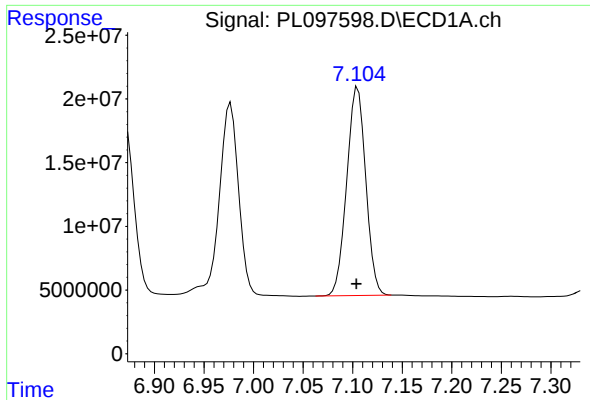
#18 Endrin aldehyde

R.T.: 6.870 min
Delta R.T.: -0.001 min
Response: 180589301
Conc: 55.11 ng/ml m



#18 Endrin aldehyde

R.T.: 6.167 min
Delta R.T.: -0.003 min
Response: 260310244
Conc: 45.20 ng/ml



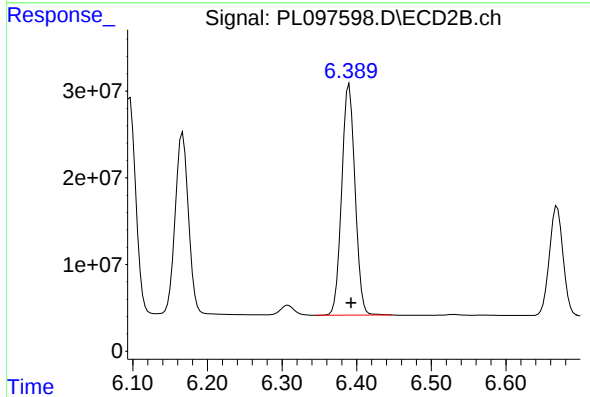
#19 Endosulfan Sulfate

R.T.: 7.105 min
Delta R.T.: 0.001 min
Response: 218923022
Conc: 54.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

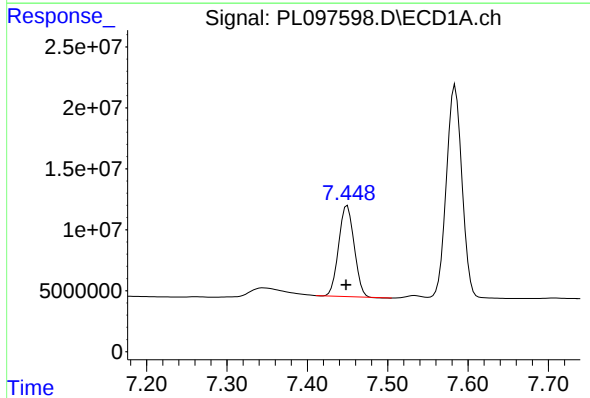
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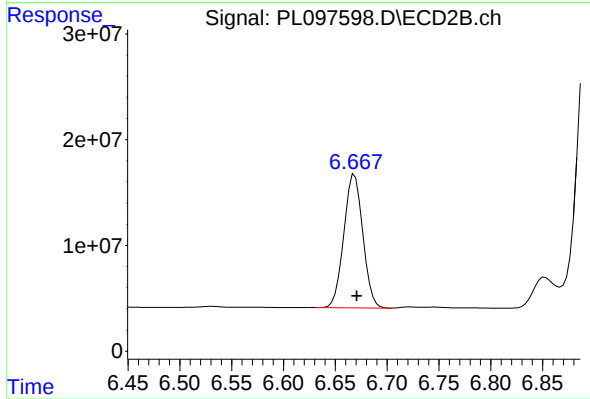
#19 Endosulfan Sulfate

R.T.: 6.390 min
Delta R.T.: -0.003 min
Response: 330046731
Conc: 49.57 ng/ml



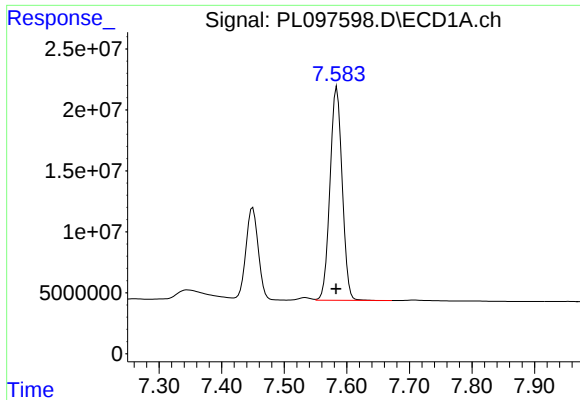
#20 Methoxychlor

R.T.: 7.450 min
Delta R.T.: 0.002 min
Response: 100112440
Conc: 47.92 ng/ml



#20 Methoxychlor

R.T.: 6.669 min
Delta R.T.: -0.002 min
Response: 160800961
Conc: 44.11 ng/ml



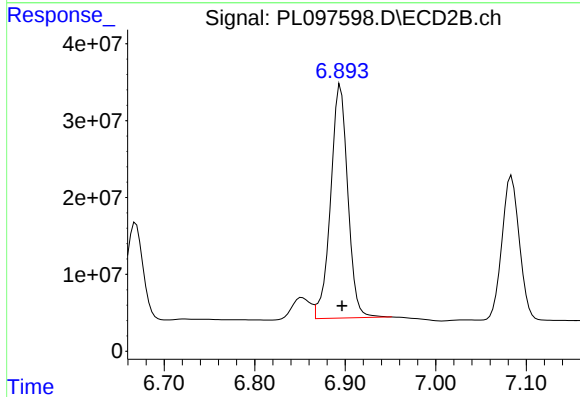
#21 Endrin ketone

R.T.: 7.584 min
Delta R.T.: 0.000 min
Response: 236828040
Conc: 55.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

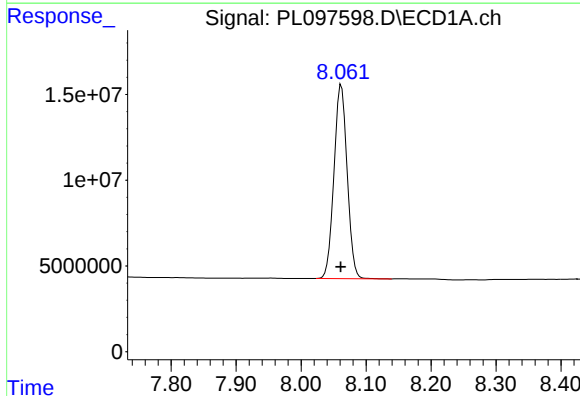
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/13/2025
Supervised By :mohammad ahmed 10/16/2025



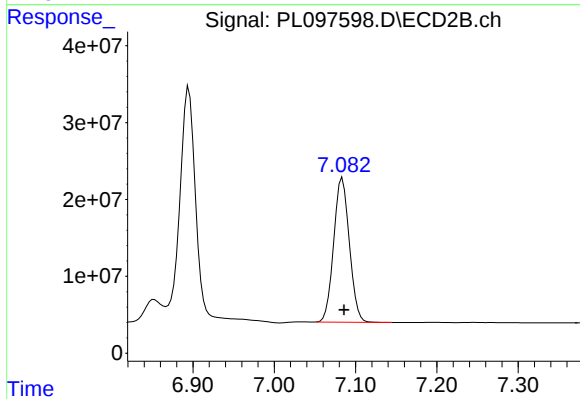
#21 Endrin ketone

R.T.: 6.895 min
Delta R.T.: -0.002 min
Response: 401995276
Conc: 50.89 ng/ml



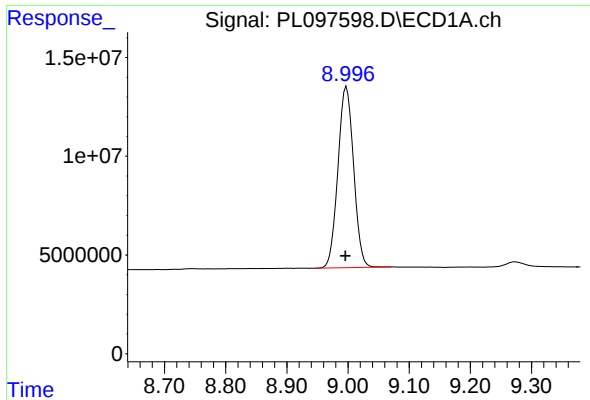
#22 Mirex

R.T.: 8.062 min
Delta R.T.: 0.000 min
Response: 159422093
Conc: 51.30 ng/ml



#22 Mirex

R.T.: 7.084 min
Delta R.T.: -0.002 min
Response: 251798302
Conc: 47.07 ng/ml



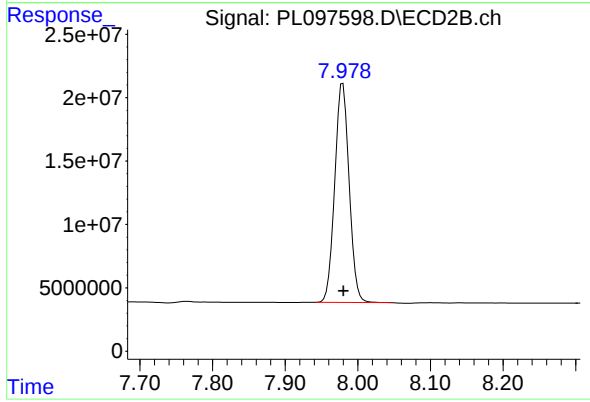
#28 Decachlorobiphenyl

R.T.: 8.997 min
Delta R.T.: 0.002 min
Response: 163268901
Conc: 54.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/13/2025
Supervised By :mohammad ahmed 10/16/2025



#28 Decachlorobiphenyl

R.T.: 7.979 min
Delta R.T.: 0.000 min
Response: 237971377
Conc: 45.86 ng/ml