

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100225\
 Data File : PL097503.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Oct 2025 15:36
 Operator : AR\AJ
 Sample : Q3266-01MS (Sig #1); Q3266-02MS (Sig #2)
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 ENV-3-6FTMS

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 04:59:51 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...	3.524	2.823	53778504	78724801	11.879m	11.972
28)	SA Decachlor...	8.994	7.979	31376772	50825306	9.589	8.930
Target Compounds							
2)	A alpha-BHC	3.972	3.328	234.5E6	318.5E6	33.557	31.983
3)	MA gamma-BHC...	4.300	3.659	219.6E6	293.2E6	33.203	31.480
4)	MA Heptachlor	4.890	4.006	211.4E6	278.8E6	31.701	29.961
5)	MB Aldrin	5.229	4.288	208.3E6	273.8E6	32.890	31.546
6)	B beta-BHC	4.487	3.955	92249183	122.6E6	33.838	30.191
7)	B delta-BHC	4.731	4.187	210.1E6	285.8E6	34.621m	31.093
8)	B Heptachlo...	5.648	4.790	196.1E6	252.7E6	34.120	31.859
9)	A Endosulfan I	6.030	5.161	177.4E6	238.0E6	34.245	30.970
10)	B gamma-Chl...	5.902	5.042	195.9E6	274.7E6	34.654	31.455
11)	B alpha-Chl...	5.982	5.105	191.1E6	261.4E6	33.647	31.488
12)	B 4,4'-DDE	6.152	5.294	170.8E6	242.3E6	35.844	31.534
13)	MA Dieldrin	6.302	5.425	187.6E6	259.6E6	34.221	31.743
14)	MA Endrin	6.528	5.699	156.7E6	223.4E6	33.961	29.741
15)	B Endosulfa...	6.741	5.991	165.3E6	229.9E6	33.604	32.337
16)	A 4,4'-DDD	6.661	5.846	148.6E6	210.0E6	39.413	32.556
17)	MA 4,4'-DDT	6.975	6.098	130.6E6	187.9E6	30.907	27.148
18)	B Endrin al...	6.870	6.169	119.5E6	164.0E6	38.755	30.736
19)	B Endosulfa...	7.103	6.393	150.7E6	218.1E6	36.901	31.842
20)	A Methoxychlor	7.448	6.670	64670187	100.5E6	31.011	26.674
21)	B Endrin ke...	7.583	6.896	158.9E6	237.3E6	37.440	31.516
22)	Mirex	8.060	7.086	143.4E6	187.5E6	40.395	31.361

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100225\
Data File : PL097503.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Oct 2025 15:36
Operator : AR\AJ
Sample : Q3266-01MS (Sig #1); Q3266-02MS (Sig #2)
Misc :
ALS Vial : 12 Sample Multiplier: 1

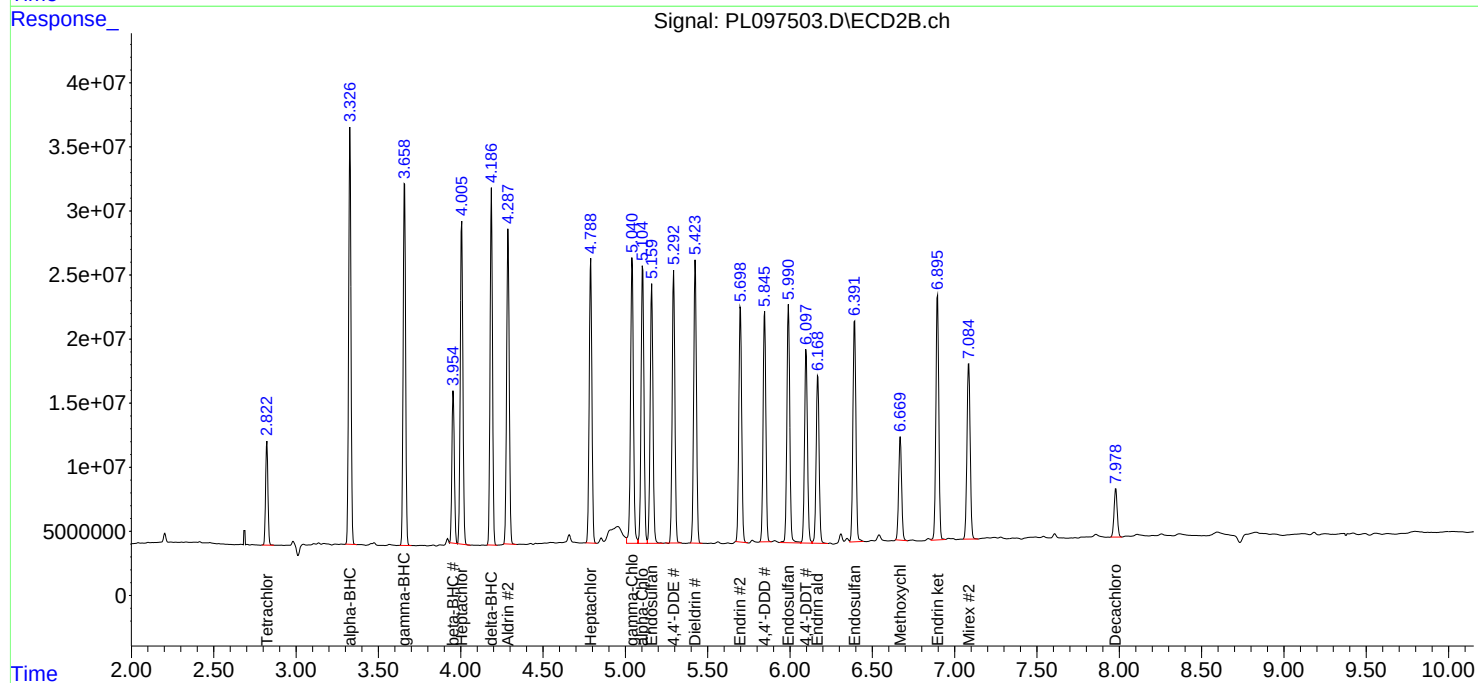
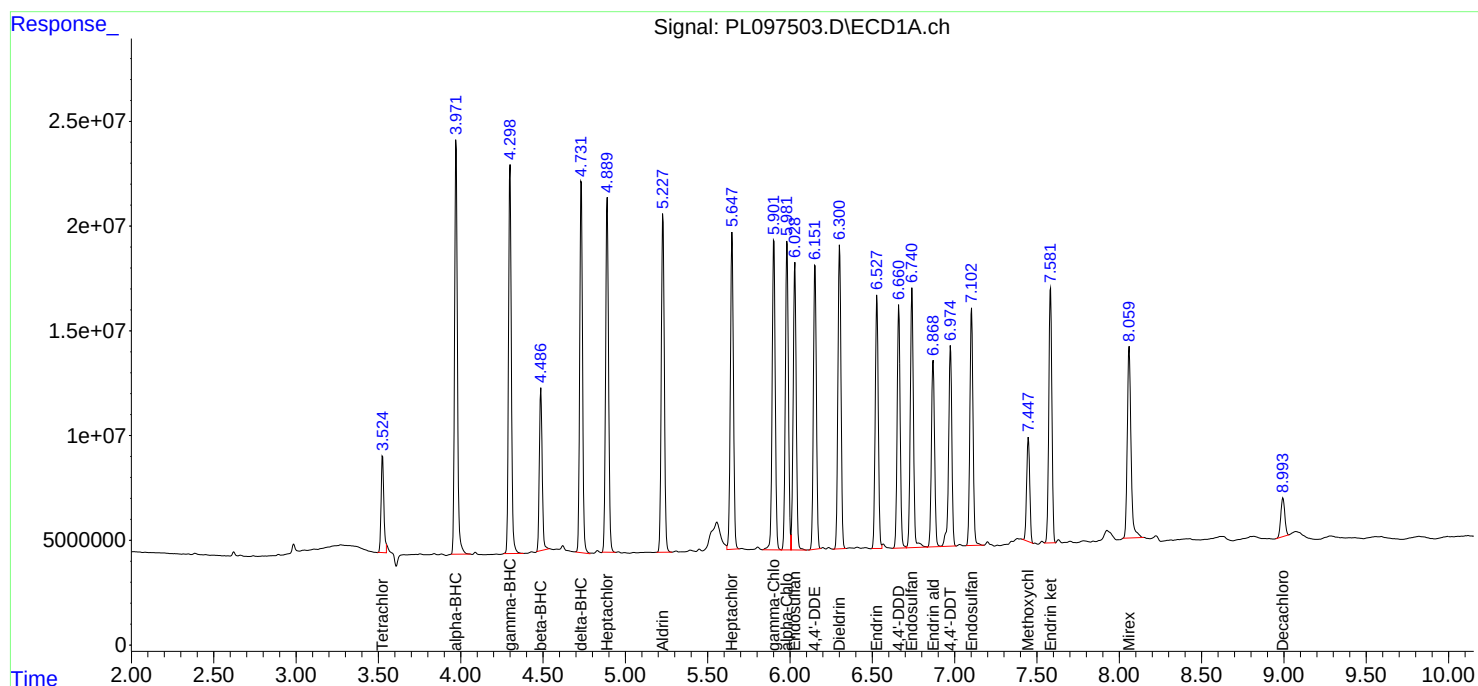
Instrument :
ECD_L
ClientSampleId :
ENV-3-6FTMS

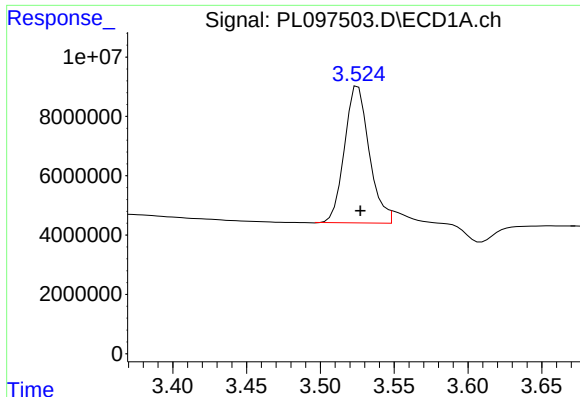
Manual Integrations
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Supervised By :mohammad ahmed 10/04/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 03 04:59:51 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





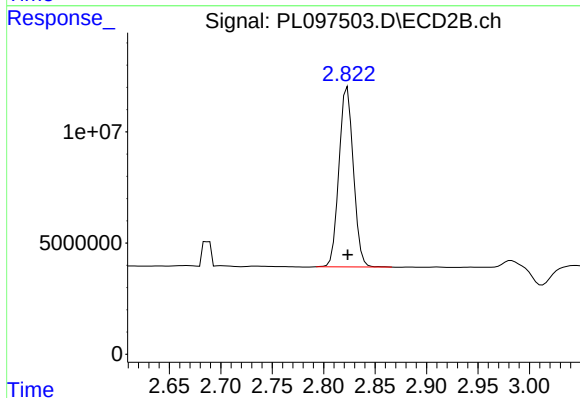
#1 Tetrachloro-m-xylene

R.T.: 3.524 min
Delta R.T.: -0.003 min
Response: 53778504
Conc: 11.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENV-3-6FTMS

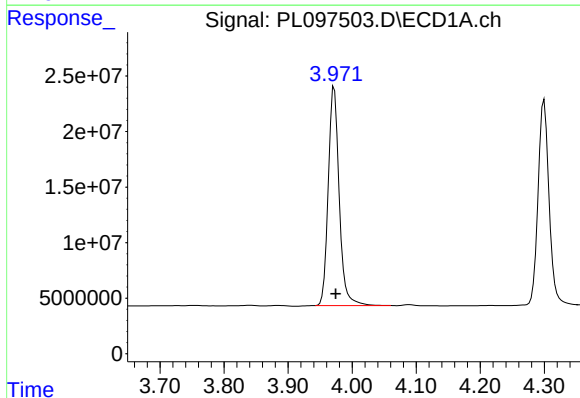
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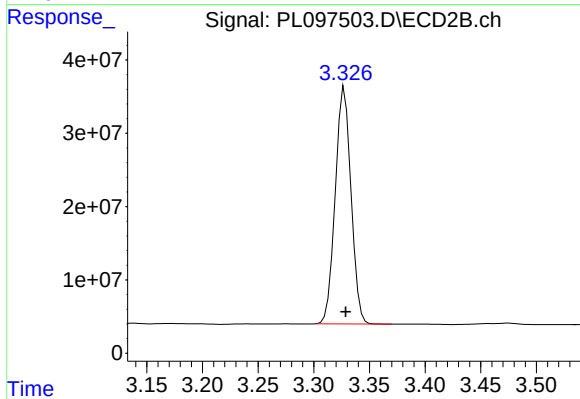
#1 Tetrachloro-m-xylene

R.T.: 2.823 min
Delta R.T.: 0.000 min
Response: 78724801
Conc: 11.97 ng/ml



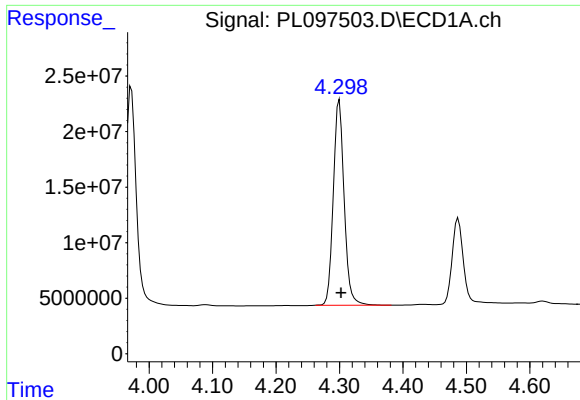
#2 alpha-BHC

R.T.: 3.972 min
Delta R.T.: -0.002 min
Response: 234475377
Conc: 33.56 ng/ml



#2 alpha-BHC

R.T.: 3.328 min
Delta R.T.: -0.001 min
Response: 318477063
Conc: 31.98 ng/ml



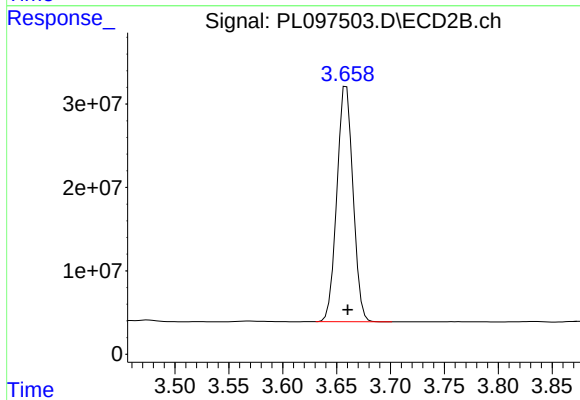
#3 gamma-BHC (Lindane)

R.T.: 4.300 min
Delta R.T.: -0.002 min
Response: 219576141
Conc: 33.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENV-3-6FTMS

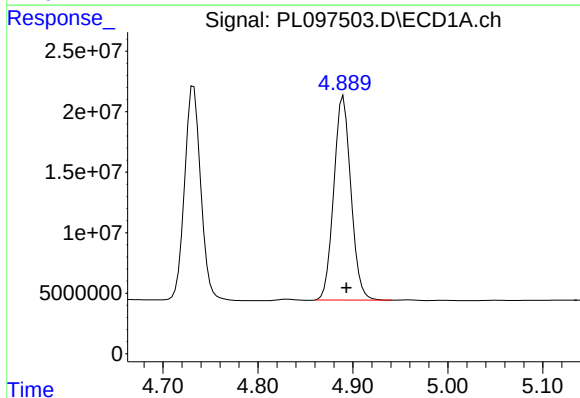
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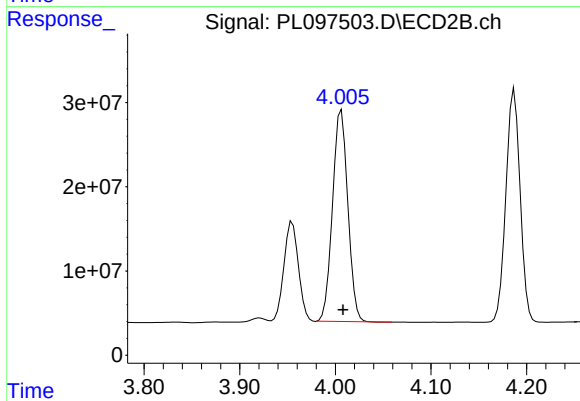
#3 gamma-BHC (Lindane)

R.T.: 3.659 min
Delta R.T.: -0.001 min
Response: 293227453
Conc: 31.48 ng/ml



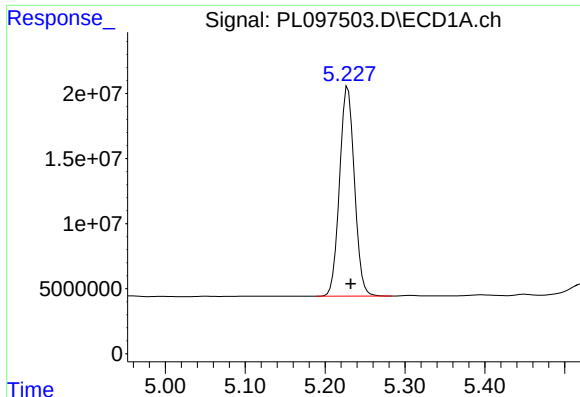
#4 Heptachlor

R.T.: 4.890 min
Delta R.T.: -0.003 min
Response: 211448071
Conc: 31.70 ng/ml



#4 Heptachlor

R.T.: 4.006 min
Delta R.T.: -0.002 min
Response: 278793019
Conc: 29.96 ng/ml



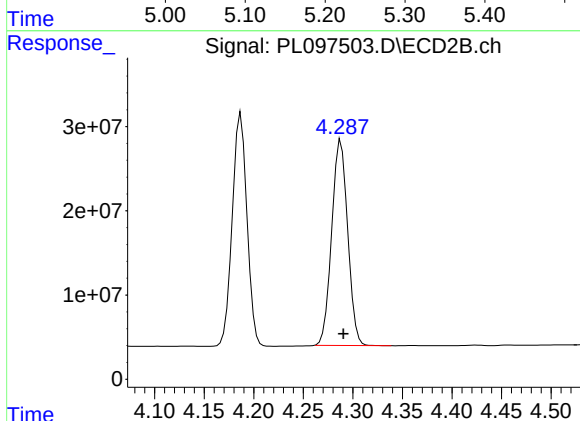
#5 Aldrin

R.T.: 5.229 min
Delta R.T.: -0.003 min
Response: 208321487
Conc: 32.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENV-3-6FTMS

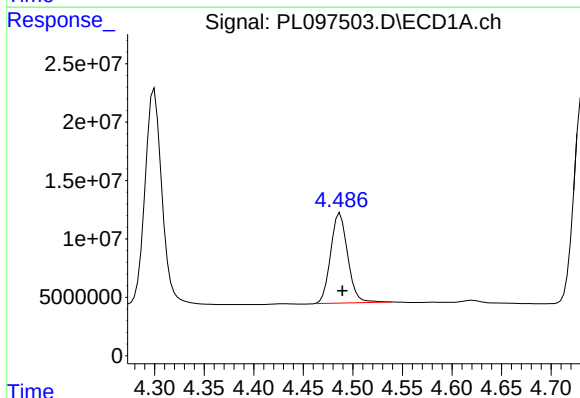
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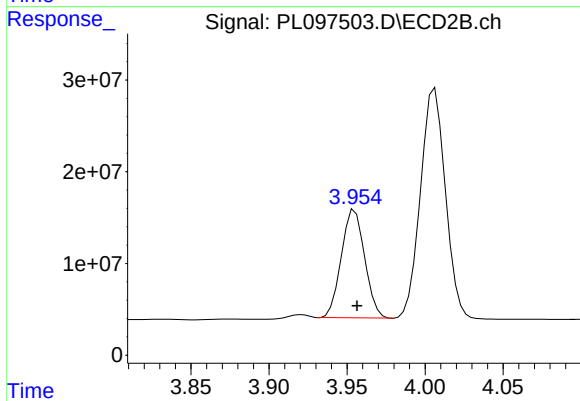
#5 Aldrin

R.T.: 4.288 min
Delta R.T.: -0.002 min
Response: 273801664
Conc: 31.55 ng/ml



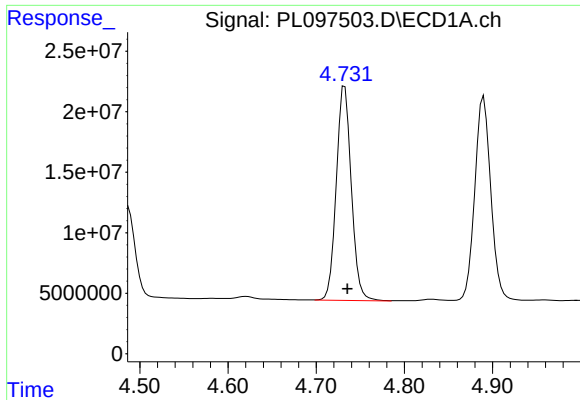
#6 beta-BHC

R.T.: 4.487 min
Delta R.T.: -0.002 min
Response: 92249183
Conc: 33.84 ng/ml



#6 beta-BHC

R.T.: 3.955 min
Delta R.T.: -0.001 min
Response: 122638007
Conc: 30.19 ng/ml



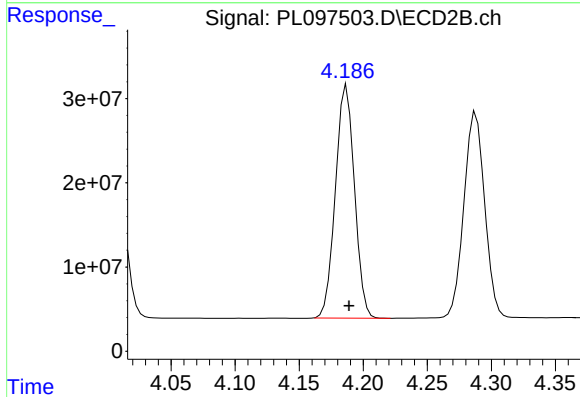
#7 delta-BHC

R.T.: 4.731 min
Delta R.T.: -0.004 min
Response: 210093395
Conc: 34.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENV-3-6FTMS

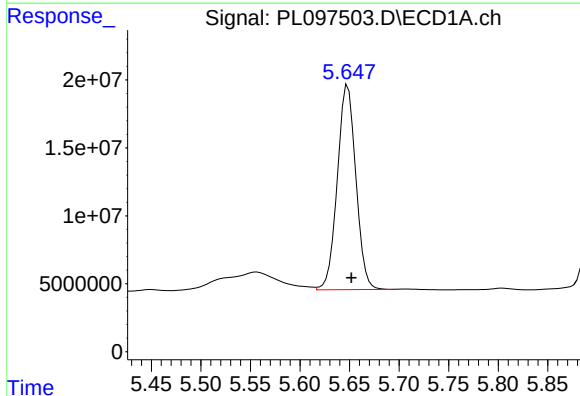
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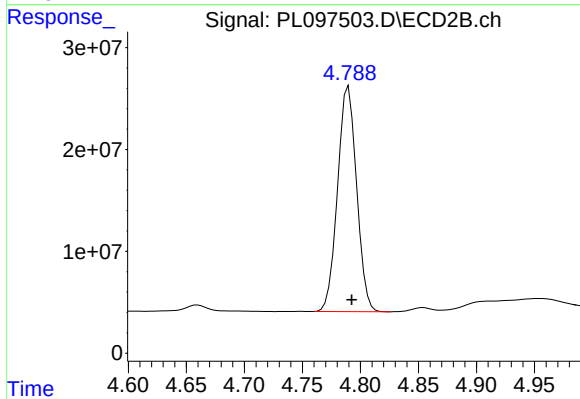
#7 delta-BHC

R.T.: 4.187 min
Delta R.T.: -0.002 min
Response: 285817528
Conc: 31.09 ng/ml



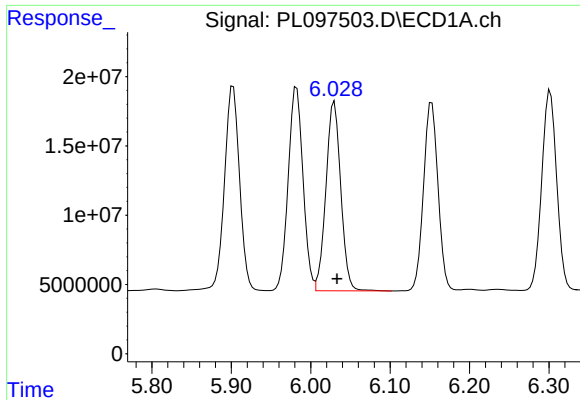
#8 Heptachlor epoxide

R.T.: 5.648 min
Delta R.T.: -0.004 min
Response: 196084306
Conc: 34.12 ng/ml



#8 Heptachlor epoxide

R.T.: 4.790 min
Delta R.T.: -0.003 min
Response: 252691124
Conc: 31.86 ng/ml



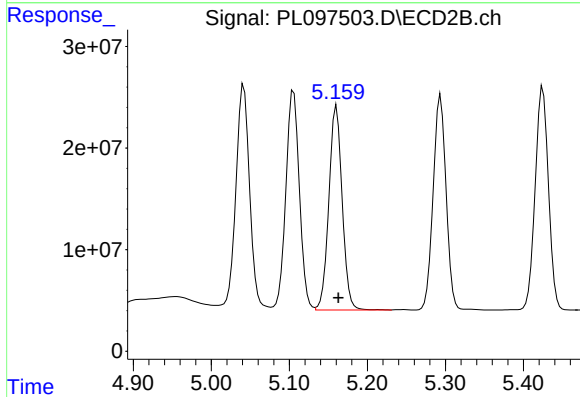
#9 Endosulfan I

R.T.: 6.030 min
Delta R.T.: -0.004 min
Response: 177436738
Conc: 34.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENV-3-6FTMS

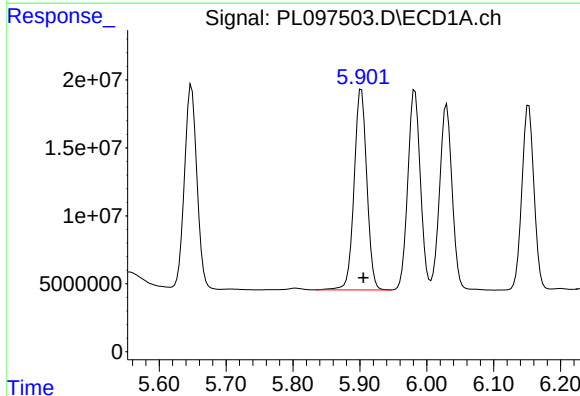
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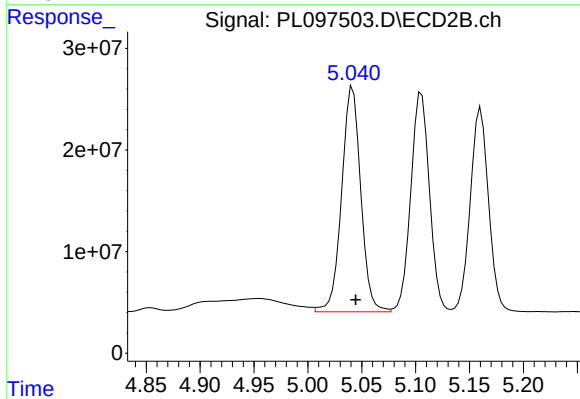
#9 Endosulfan I

R.T.: 5.161 min
Delta R.T.: -0.003 min
Response: 237960575
Conc: 30.97 ng/ml



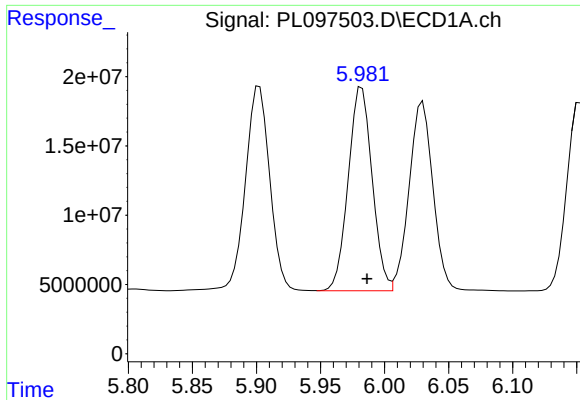
#10 gamma-Chlordane

R.T.: 5.902 min
Delta R.T.: -0.003 min
Response: 195918304
Conc: 34.65 ng/ml



#10 gamma-Chlordane

R.T.: 5.042 min
Delta R.T.: -0.003 min
Response: 274720753
Conc: 31.45 ng/ml



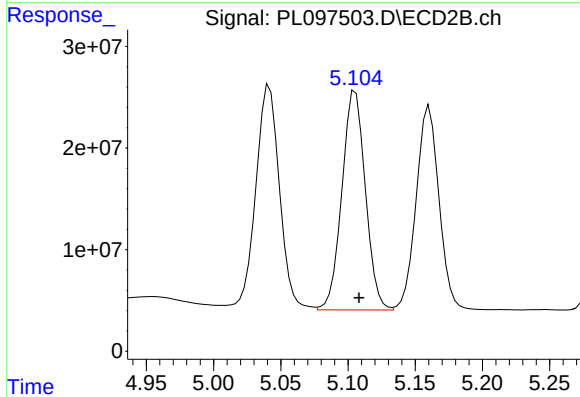
#11 alpha-Chlordane

R.T.: 5.982 min
Delta R.T.: -0.004 min
Response: 191113428
Conc: 33.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENV-3-6FTMS

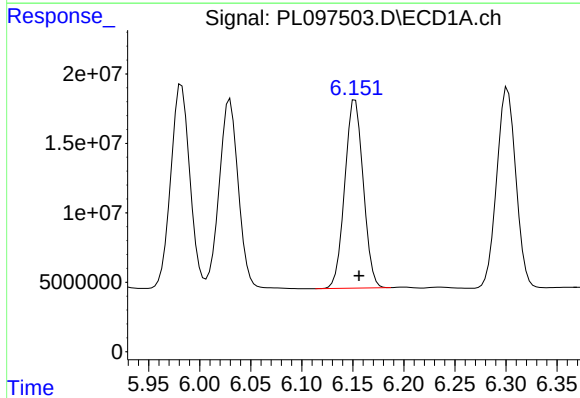
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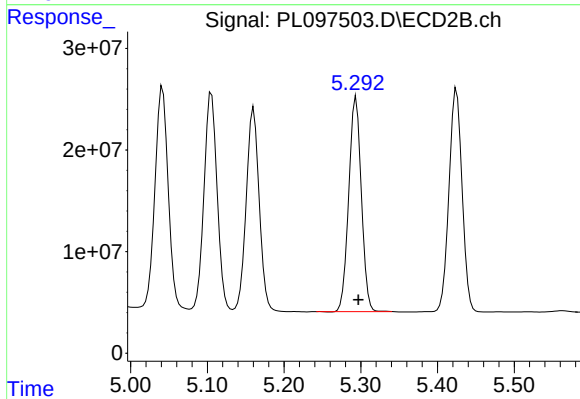
#11 alpha-Chlordane

R.T.: 5.105 min
Delta R.T.: -0.003 min
Response: 261365252
Conc: 31.49 ng/ml



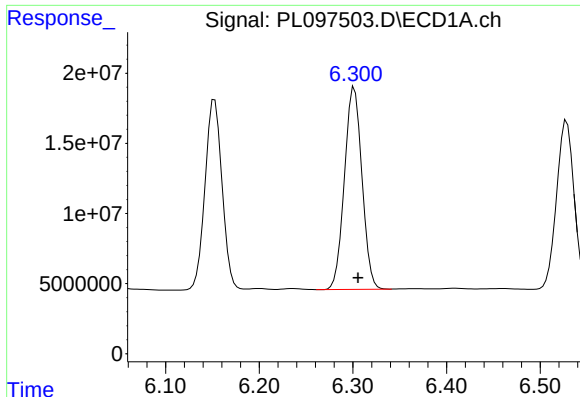
#12 4,4'-DDE

R.T.: 6.152 min
Delta R.T.: -0.004 min
Response: 170785784
Conc: 35.84 ng/ml



#12 4,4'-DDE

R.T.: 5.294 min
Delta R.T.: -0.003 min
Response: 242329078
Conc: 31.53 ng/ml



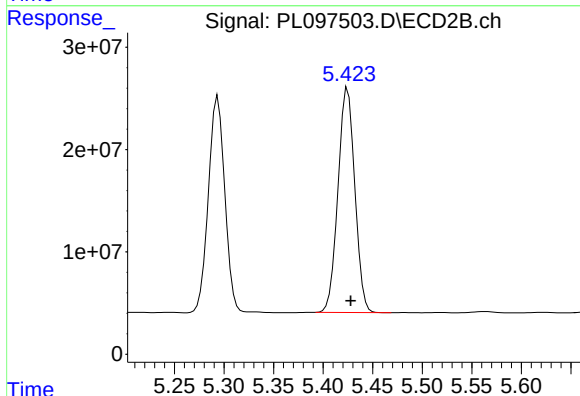
#13 Dieldrin

R.T.: 6.302 min
Delta R.T.: -0.004 min
Response: 187604594
Conc: 34.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENV-3-6FTMS

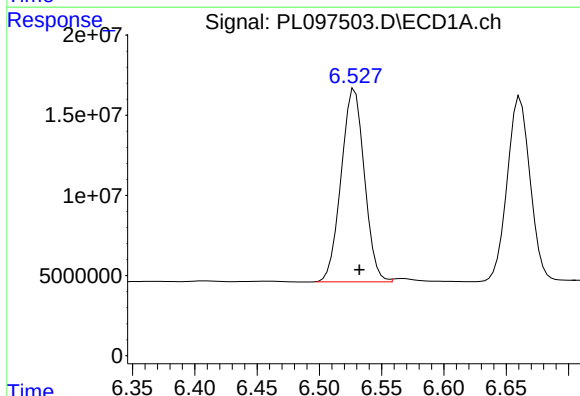
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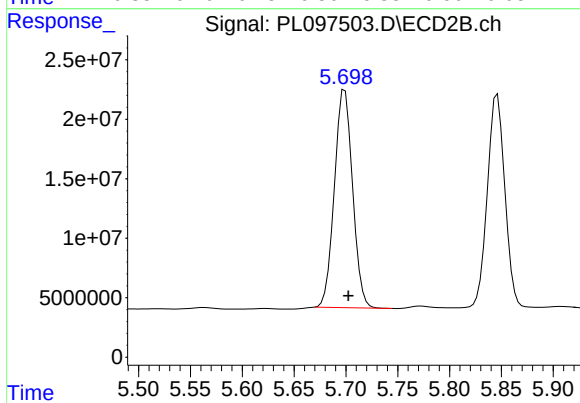
#13 Dieldrin

R.T.: 5.425 min
Delta R.T.: -0.003 min
Response: 259559149
Conc: 31.74 ng/ml



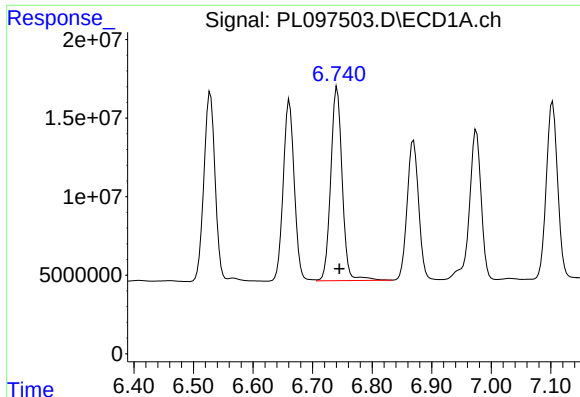
#14 Endrin

R.T.: 6.528 min
Delta R.T.: -0.004 min
Response: 156665020
Conc: 33.96 ng/ml



#14 Endrin

R.T.: 5.699 min
Delta R.T.: -0.003 min
Response: 223372188
Conc: 29.74 ng/ml



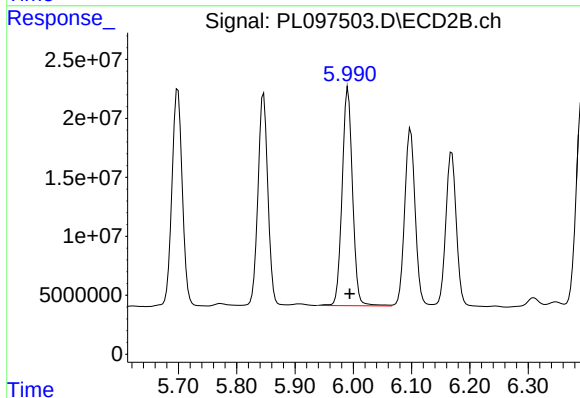
#15 Endosulfan II

R.T.: 6.741 min
Delta R.T.: -0.004 min
Response: 165274609
Conc: 33.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENV-3-6FTMS

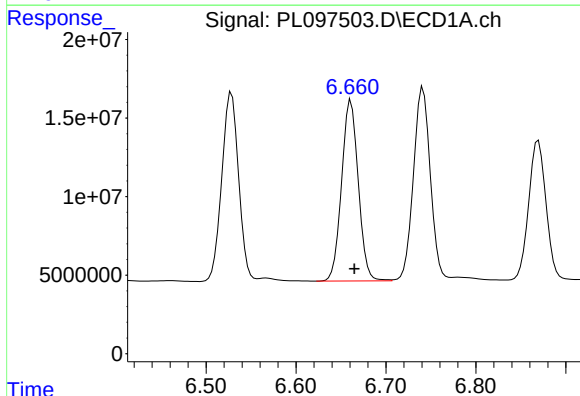
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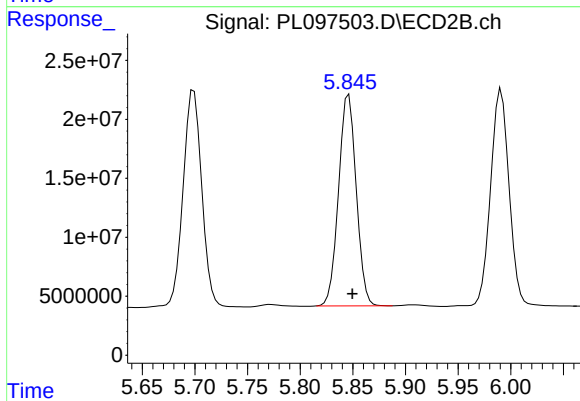
#15 Endosulfan II

R.T.: 5.991 min
Delta R.T.: -0.003 min
Response: 229890998
Conc: 32.34 ng/ml



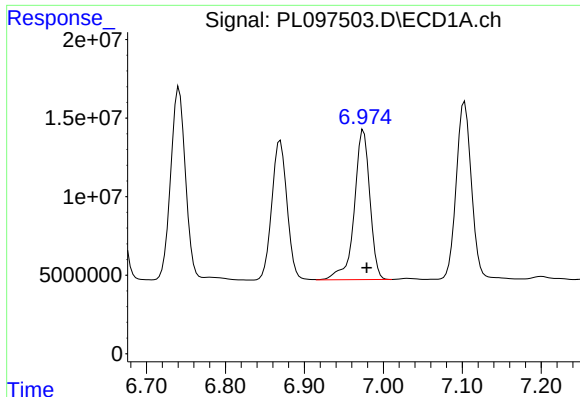
#16 4,4'-DDD

R.T.: 6.661 min
Delta R.T.: -0.004 min
Response: 148609017
Conc: 39.41 ng/ml



#16 4,4'-DDD

R.T.: 5.846 min
Delta R.T.: -0.004 min
Response: 209954946
Conc: 32.56 ng/ml



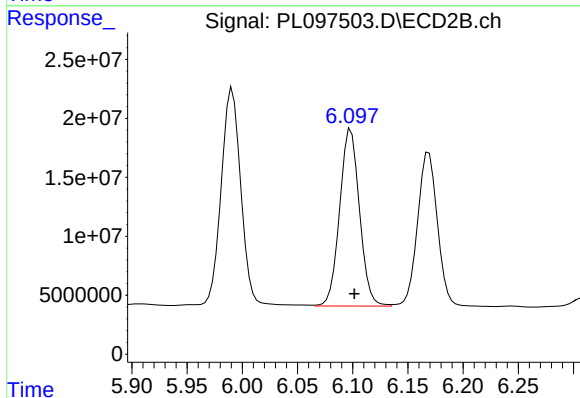
#17 4,4'-DDT

R.T.: 6.975 min
Delta R.T.: -0.004 min
Response: 130648013
Conc: 30.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENV-3-6FTMS

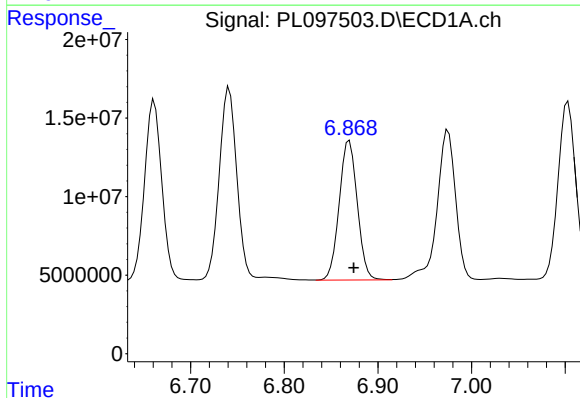
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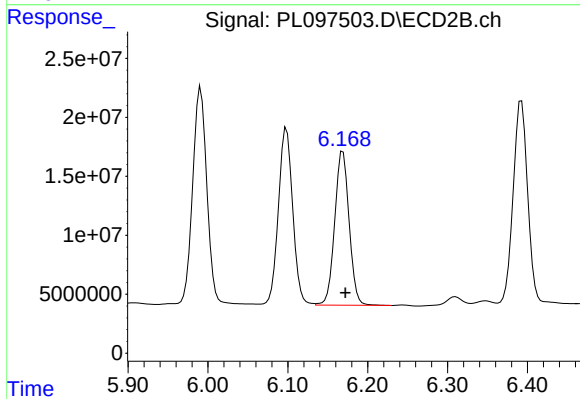
#17 4,4'-DDT

R.T.: 6.098 min
Delta R.T.: -0.003 min
Response: 187877077
Conc: 27.15 ng/ml



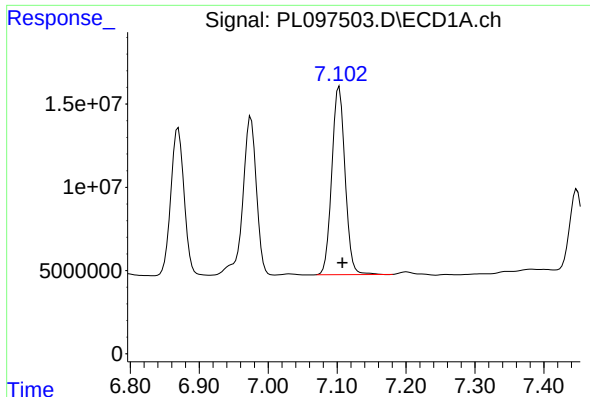
#18 Endrin aldehyde

R.T.: 6.870 min
Delta R.T.: -0.005 min
Response: 119474374
Conc: 38.76 ng/ml



#18 Endrin aldehyde

R.T.: 6.169 min
Delta R.T.: -0.003 min
Response: 164048685
Conc: 30.74 ng/ml



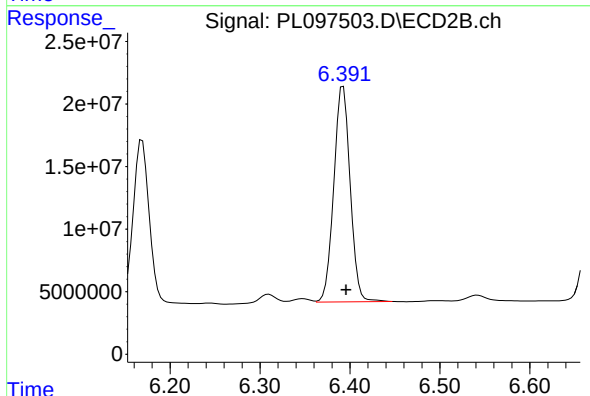
#19 Endosulfan Sulfate

R.T.: 7.103 min
Delta R.T.: -0.005 min
Response: 150656427
Conc: 36.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENV-3-6FTMS

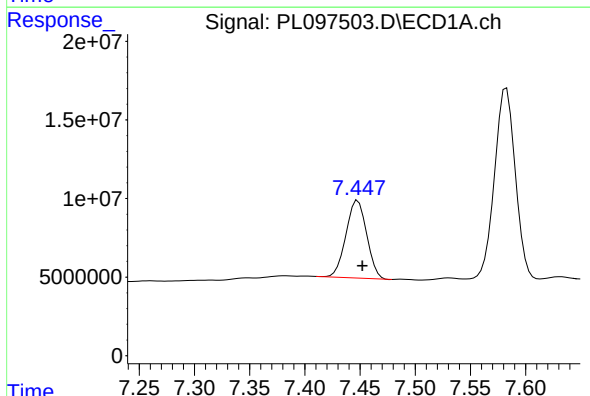
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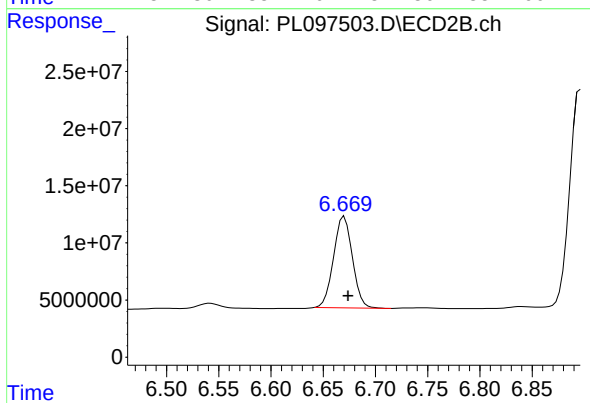
#19 Endosulfan Sulfate

R.T.: 6.393 min
Delta R.T.: -0.003 min
Response: 218113354
Conc: 31.84 ng/ml



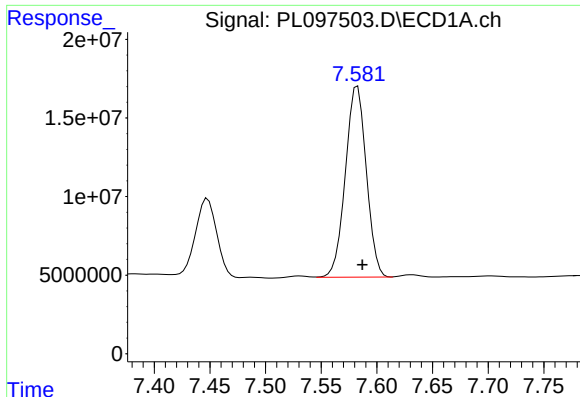
#20 Methoxychlor

R.T.: 7.448 min
Delta R.T.: -0.004 min
Response: 64670187
Conc: 31.01 ng/ml



#20 Methoxychlor

R.T.: 6.670 min
Delta R.T.: -0.004 min
Response: 100546507
Conc: 26.67 ng/ml



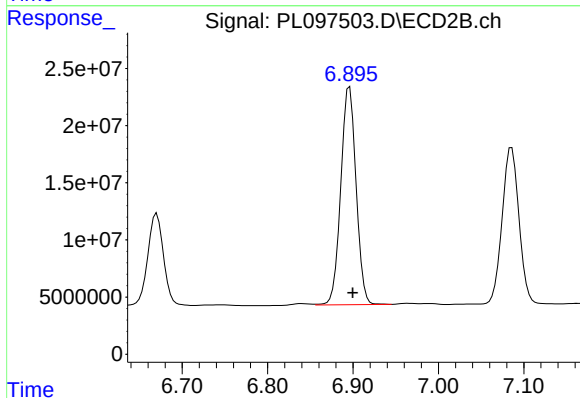
#21 Endrin ketone

R.T.: 7.583 min
Delta R.T.: -0.004 min
Response: 158907803
Conc: 37.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENV-3-6FTMS

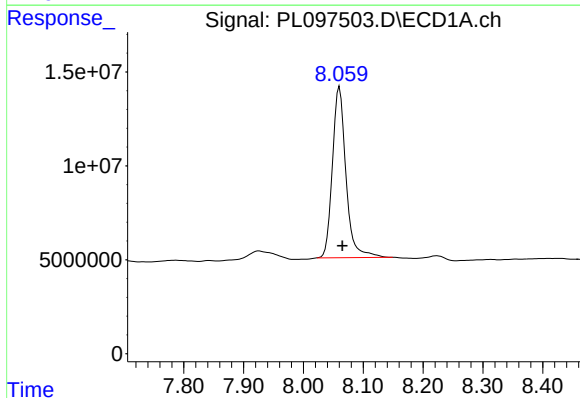
Manual Integrations
APPROVED

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



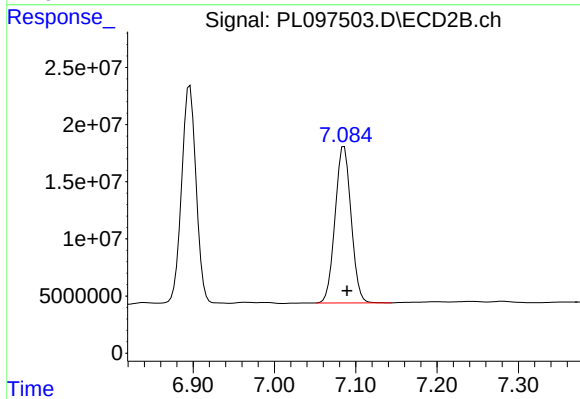
#21 Endrin ketone

R.T.: 6.896 min
Delta R.T.: -0.004 min
Response: 237323467
Conc: 31.52 ng/ml



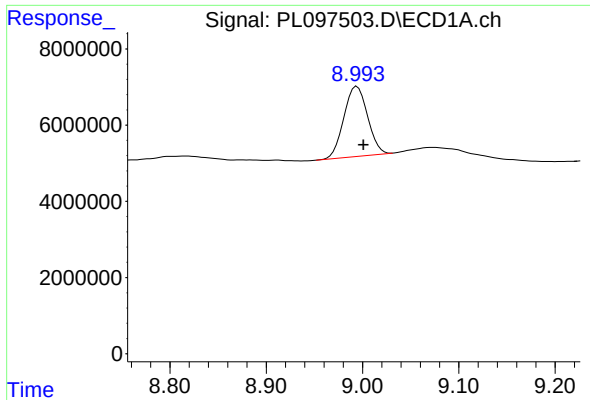
#22 Mirex

R.T.: 8.060 min
Delta R.T.: -0.005 min
Response: 143415076
Conc: 40.40 ng/ml



#22 Mirex

R.T.: 7.086 min
Delta R.T.: -0.003 min
Response: 187498167
Conc: 31.36 ng/ml



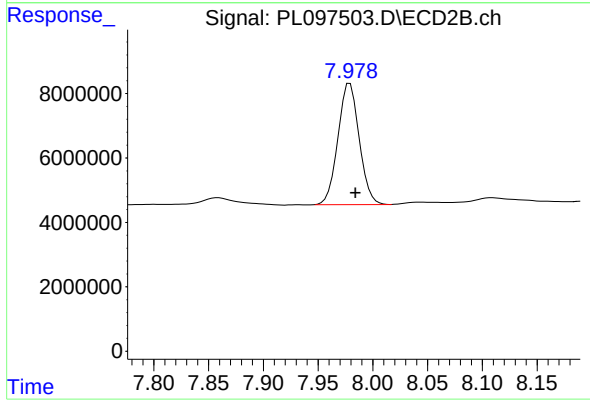
#28 Decachlorobiphenyl

R.T.: 8.994 min
Delta R.T.: -0.007 min
Response: 31376772
Conc: 9.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENV-3-6FTMS

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: 50825306
Conc: 8.93 ng/ml