

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100125\
 Data File : PL097481.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Oct 2025 13:48
 Operator : AR\AJ
 Sample : PB169933BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB169933BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/03/2025
 Supervised By :mohammad ahmed 10/06/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 03 04:02:54 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...	3.525	2.823	78590880	111.5E6	17.360	16.957
28)	SA Decachlor...	8.997	7.981	66695387	100.6E6	20.382	17.677
Target Compounds							
2)	A alpha-BHC	3.972	3.327	313.8E6	441.0E6	44.911	44.290
3)	MA gamma-BHC...	4.300	3.659	294.9E6	407.6E6	44.594	43.764
4)	MA Heptachlor	4.890	4.006	287.9E6	396.0E6	43.158	42.559
5)	MB Aldrin	5.229	4.289	279.8E6	381.0E6	44.176	43.898
6)	B beta-BHC	4.487	3.955	122.6E6	169.5E6	44.979	41.721
7)	B delta-BHC	4.731	4.188	284.2E6	399.2E6	46.834m	43.427
8)	B Heptachlo...	5.647	4.790	263.6E6	350.0E6	45.860m	44.123
9)	A Endosulfan I	6.031	5.161	240.2E6	319.6E6	46.368	41.595
10)	B gamma-Chl...	5.901	5.042	258.7E6	375.3E6	45.751m	42.970
11)	B alpha-Chl...	5.983	5.106	261.5E6	360.0E6	46.042	43.365
12)	B 4,4'-DDE	6.153	5.294	227.9E6	333.6E6	47.841	43.410
13)	MA Dieldrin	6.302	5.425	251.6E6	367.4E6	45.897	44.932
14)	MA Endrin	6.529	5.700	213.5E6	361.4E6	46.285	48.114
15)	B Endosulfa...	6.741	5.991	214.3E6	307.8E6	43.578m	43.297
16)	A 4,4'-DDD	6.661	5.846	192.1E6	287.4E6	50.952m	44.570
17)	MA 4,4'-DDT	6.976	6.099	185.9E6	266.5E6	43.967	38.515
18)	B Endrin al...	6.870	6.170	160.2E6	233.2E6	51.980m	43.683
19)	B Endosulfa...	7.105	6.393	197.1E6	300.1E6	48.286	43.812
20)	A Methoxychlor	7.449	6.671	91080663	145.3E6	43.676	38.534
21)	B Endrin ke...	7.583	6.897	213.2E6	363.5E6	50.221	48.269
22)	Mirex	8.062	7.086	147.4E6	227.0E6	41.526	37.973

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100125\
Data File : PL097481.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Oct 2025 13:48
Operator : AR\AJ
Sample : PB169933BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

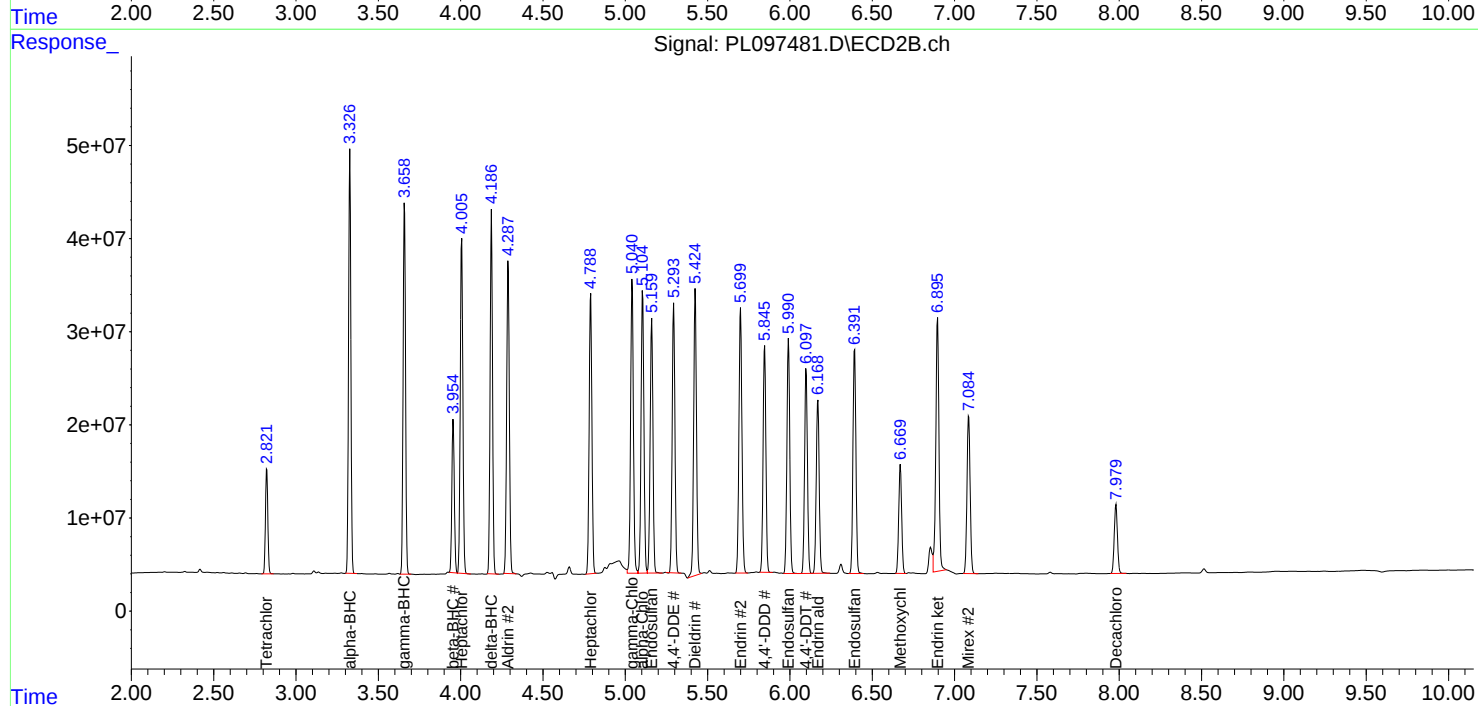
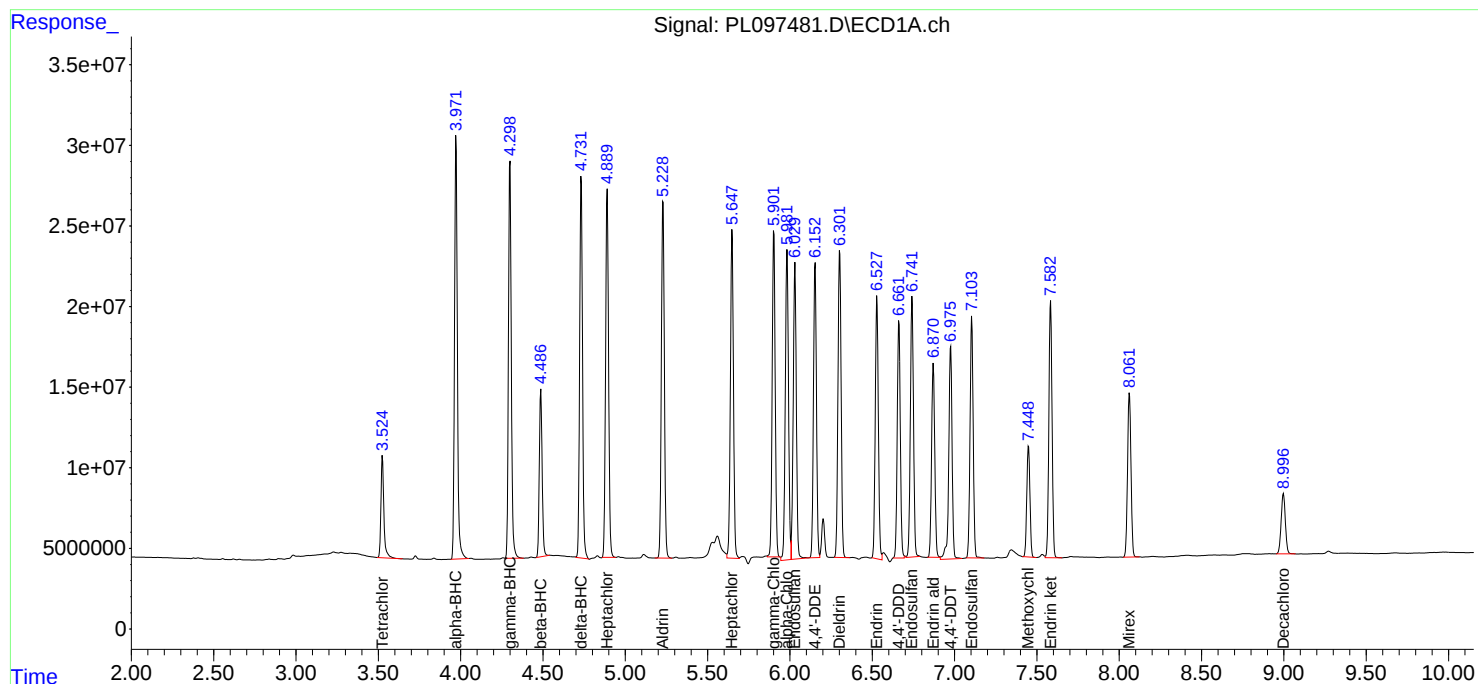
Instrument :
ECD_L
ClientSampleId :
PB169933BS

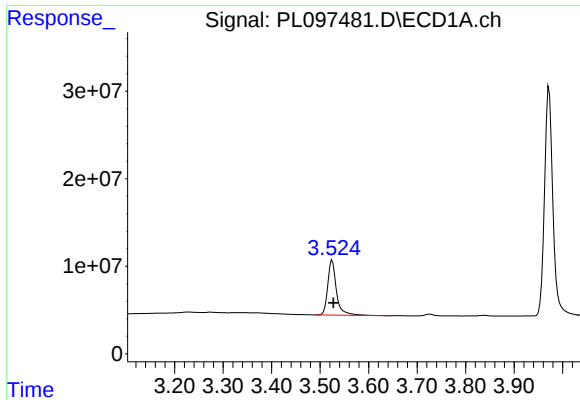
Manual Integrations
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Supervised By :mohammad ahmed 10/06/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 03 04:02:54 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.: 3.525 min
Delta R.T.: -0.002 min
Response: 78590880
Conc: 17.36 ng/ml

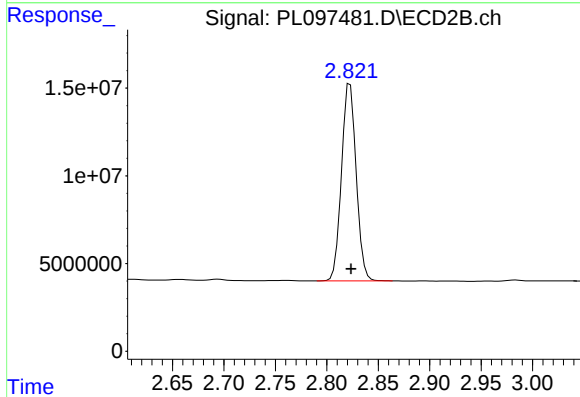
Instrument :

ECD_L

ClientSampleId :
PB169933BS

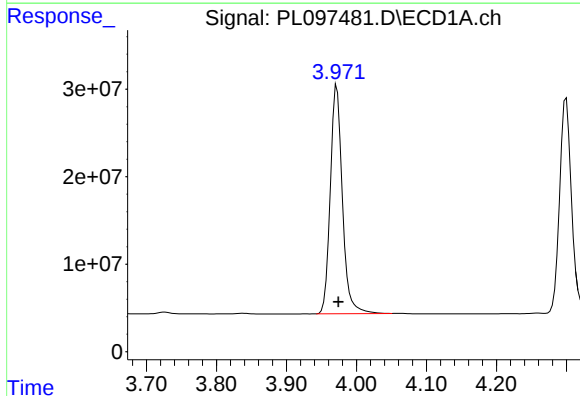
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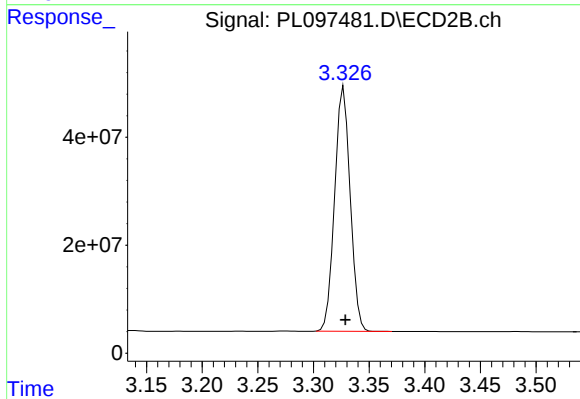
#1 Tetrachloro-m-xylene

R.T.: 2.823 min
Delta R.T.: 0.000 min
Response: 111499940
Conc: 16.96 ng/ml



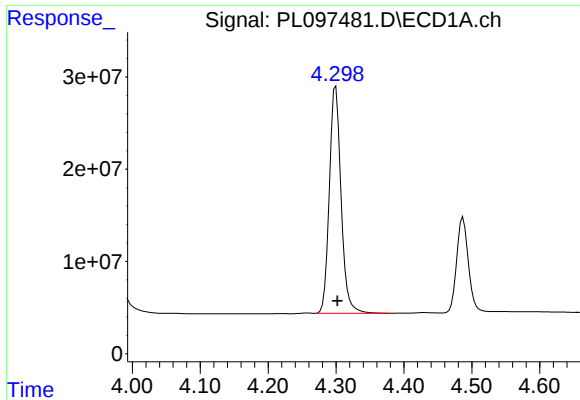
#2 alpha-BHC

R.T.: 3.972 min
Delta R.T.: -0.002 min
Response: 313814350
Conc: 44.91 ng/ml



#2 alpha-BHC

R.T.: 3.327 min
Delta R.T.: -0.001 min
Response: 441017315
Conc: 44.29 ng/ml



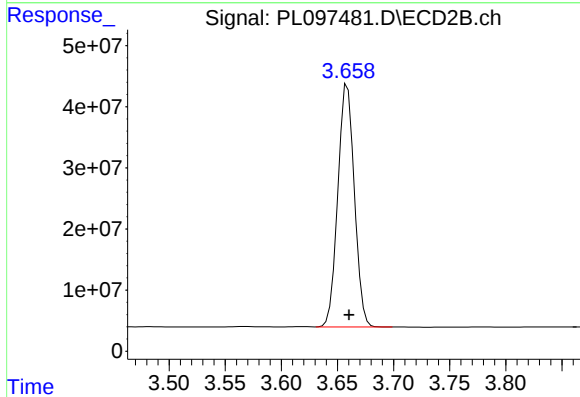
#3 gamma-BHC (Lindane)

R.T.: 4.300 min
Delta R.T.: -0.003 min
Response: 294906745
Conc: 44.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169933BS

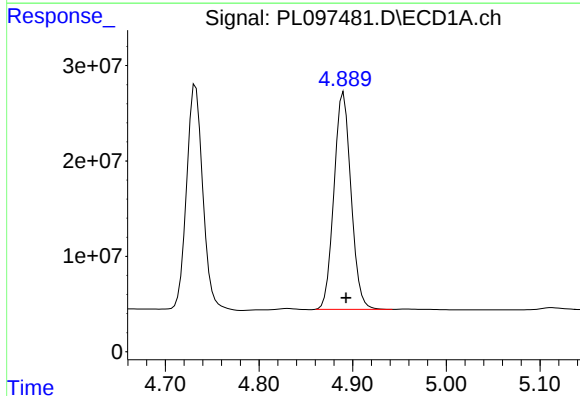
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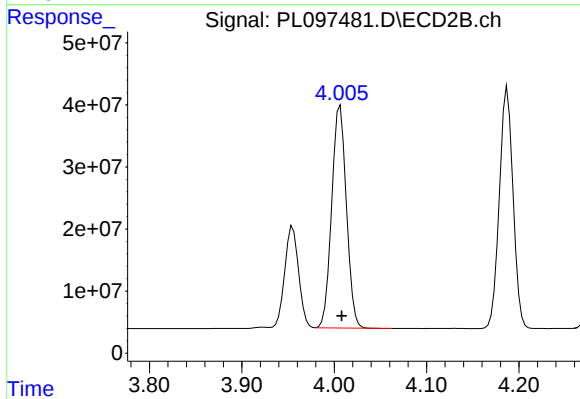
#3 gamma-BHC (Lindane)

R.T.: 3.659 min
Delta R.T.: -0.001 min
Response: 407642969
Conc: 43.76 ng/ml



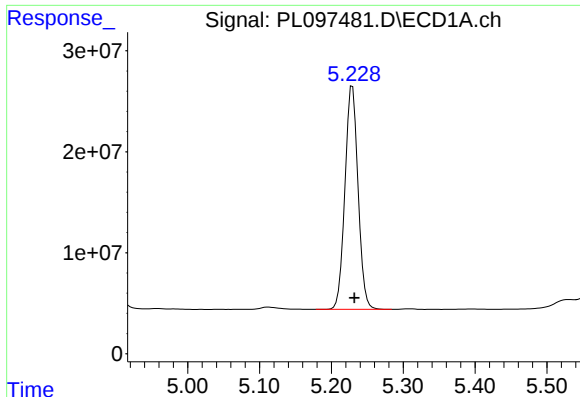
#4 Heptachlor

R.T.: 4.890 min
Delta R.T.: -0.003 min
Response: 287868345
Conc: 43.16 ng/ml



#4 Heptachlor

R.T.: 4.006 min
Delta R.T.: -0.002 min
Response: 396015749
Conc: 42.56 ng/ml



#5 Aldrin

R.T.: 5.229 min
Delta R.T.: -0.003 min
Response: 279802798
Conc: 44.18 ng/ml

Instrument :

ECD_L

ClientSampleId :

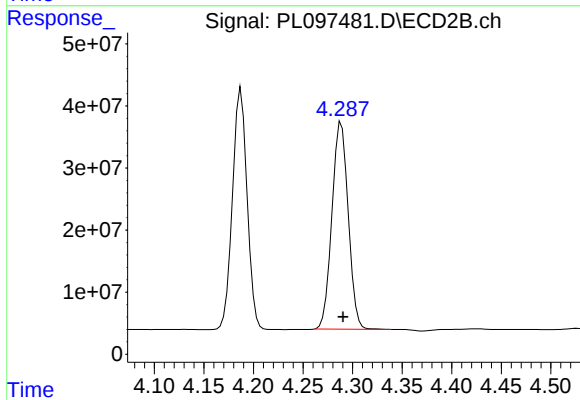
PB169933BS

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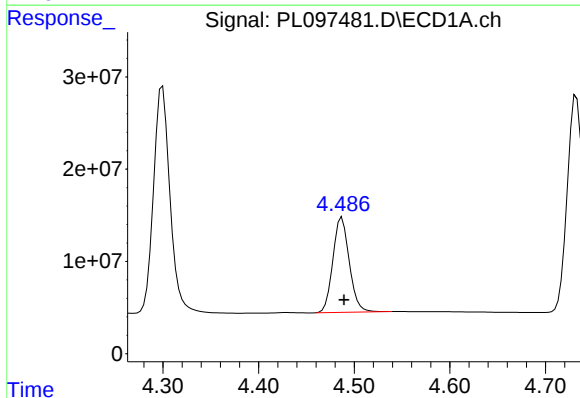
Reviewed By :Abdul Mirza 10/03/2025

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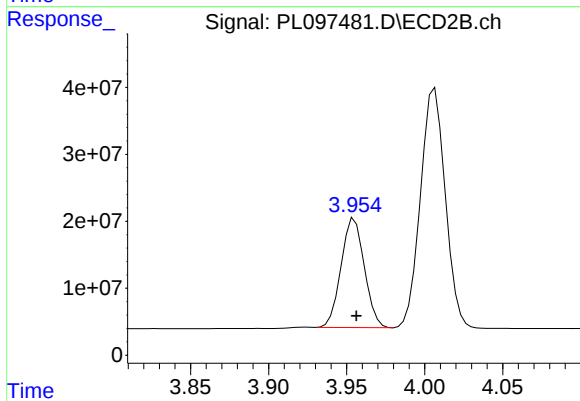
#5 Aldrin

R.T.: 4.289 min
Delta R.T.: -0.002 min
Response: 381007495
Conc: 43.90 ng/ml



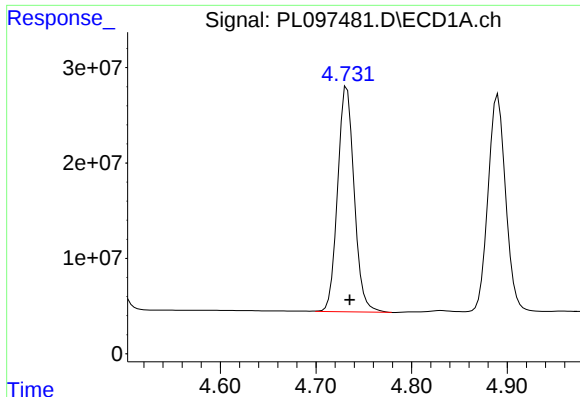
#6 beta-BHC

R.T.: 4.487 min
Delta R.T.: -0.002 min
Response: 122620931
Conc: 44.98 ng/ml



#6 beta-BHC

R.T.: 3.955 min
Delta R.T.: -0.001 min
Response: 169474053
Conc: 41.72 ng/ml



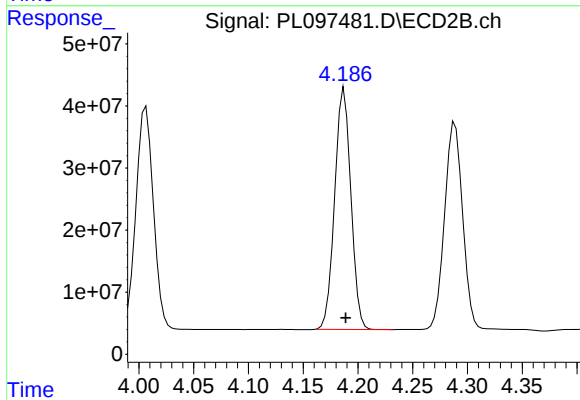
#7 delta-BHC

R.T.: 4.731 min
Delta R.T.: -0.004 min
Response: 284202504
Conc: 46.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169933BS

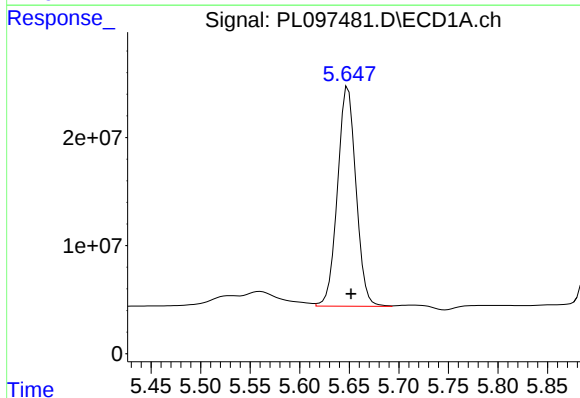
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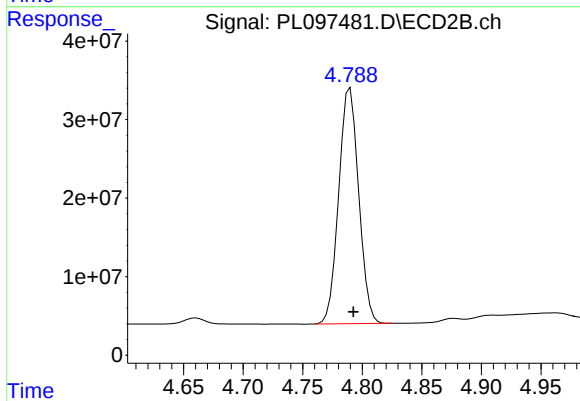
#7 delta-BHC

R.T.: 4.188 min
Delta R.T.: -0.001 min
Response: 399189414
Conc: 43.43 ng/ml



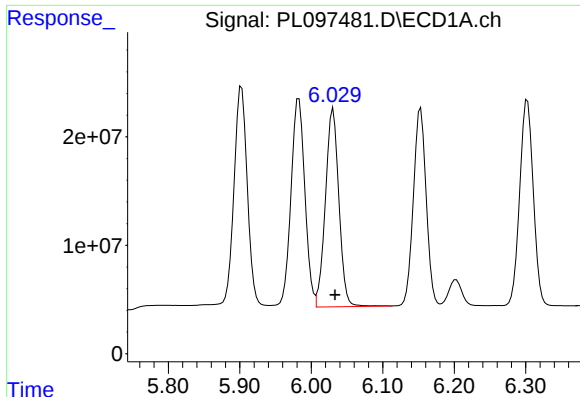
#8 Heptachlor epoxide

R.T.: 5.647 min
Delta R.T.: -0.005 min
Response: 263552627
Conc: 45.86 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.790 min
Delta R.T.: -0.003 min
Response: 349964029
Conc: 44.12 ng/ml



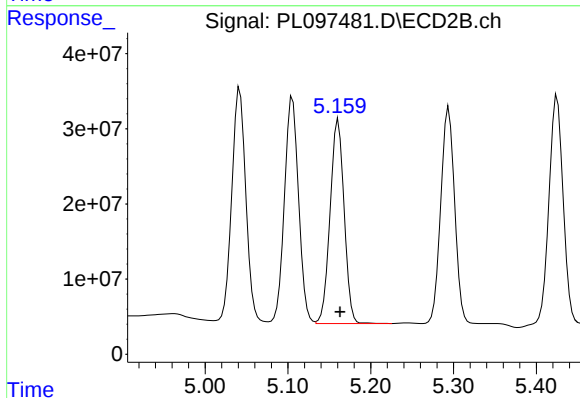
#9 Endosulfan I

R.T.: 6.031 min
Delta R.T.: -0.003 min
Response: 240249018
Conc: 46.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169933BS

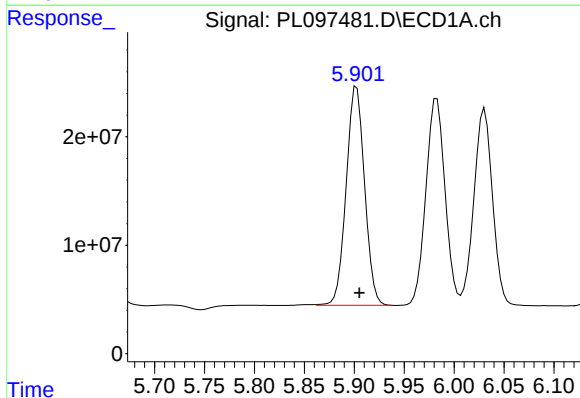
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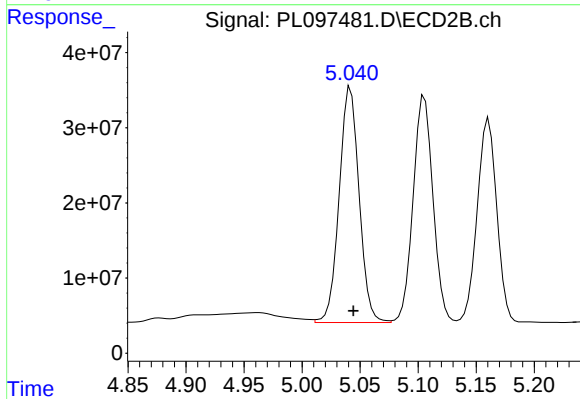
#9 Endosulfan I

R.T.: 5.161 min
Delta R.T.: -0.002 min
Response: 319597284
Conc: 41.59 ng/ml



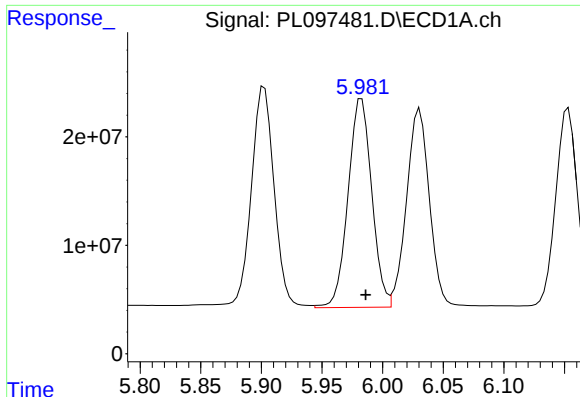
#10 gamma-Chlordane

R.T.: 5.901 min
Delta R.T.: -0.004 min
Response: 258653697
Conc: 45.75 ng/ml m



#10 gamma-Chlordane

R.T.: 5.042 min
Delta R.T.: -0.002 min
Response: 375296431
Conc: 42.97 ng/ml



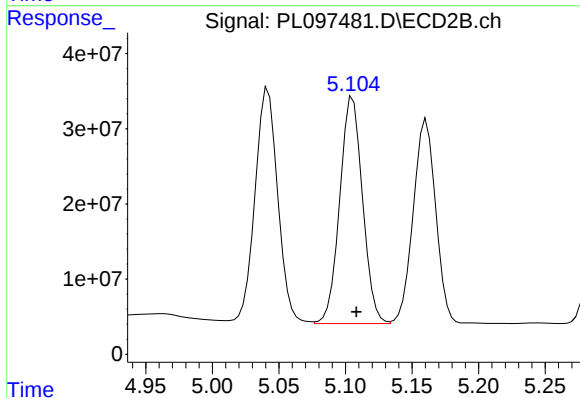
#11 alpha-Chlordane

R.T.: 5.983 min
Delta R.T.: -0.004 min
Response: 261517029
Conc: 46.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169933BS

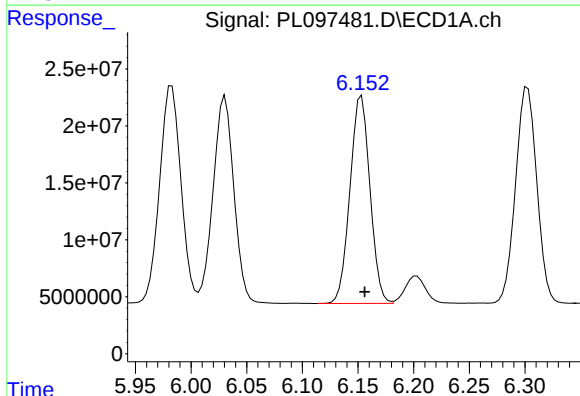
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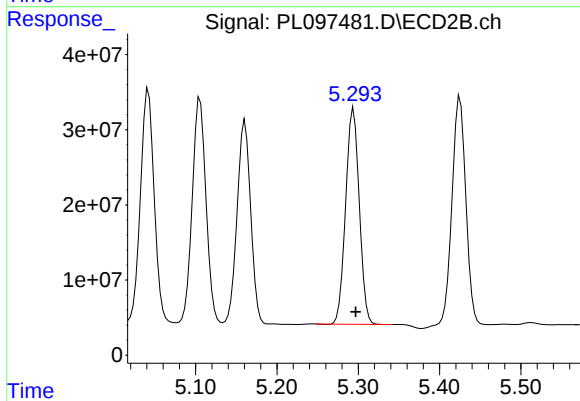
#11 alpha-Chlordane

R.T.: 5.106 min
Delta R.T.: -0.003 min
Response: 359954473
Conc: 43.37 ng/ml



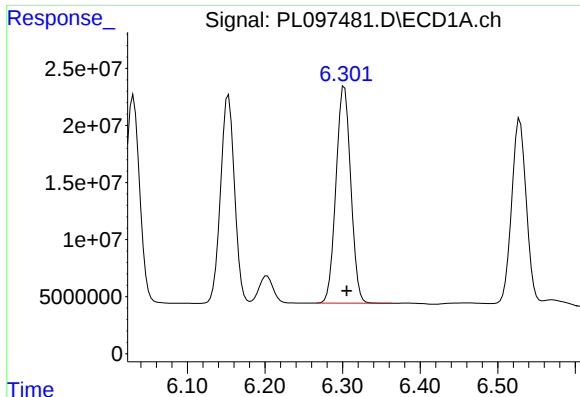
#12 4,4'-DDE

R.T.: 6.153 min
Delta R.T.: -0.003 min
Response: 227949986
Conc: 47.84 ng/ml



#12 4,4'-DDE

R.T.: 5.294 min
Delta R.T.: -0.003 min
Response: 333597463
Conc: 43.41 ng/ml



#13 Dieldrin

R.T.: 6.302 min
Delta R.T.: -0.003 min
Response: 251611872
Conc: 45.90 ng/ml

Instrument :

ECD_L

ClientSampleId :

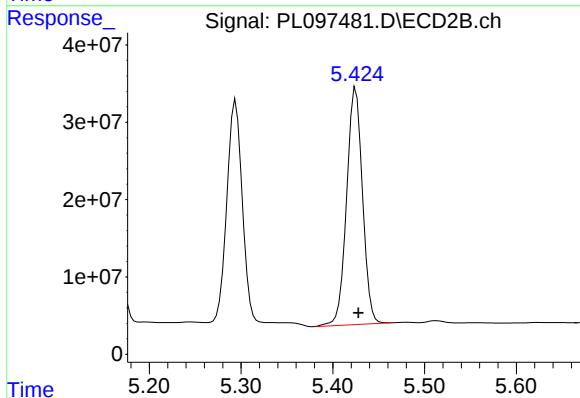
PB169933BS

Manual Integrations

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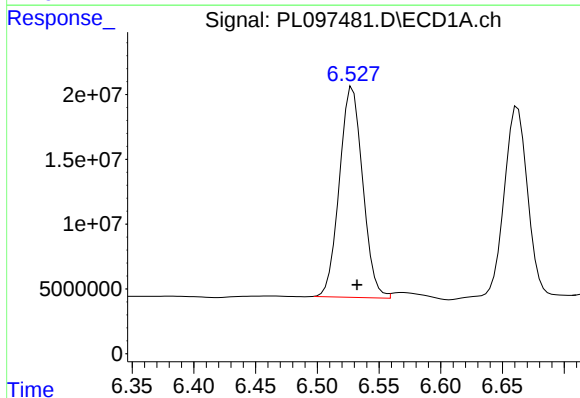
Reviewed By :Abdul Mirza 10/03/2025

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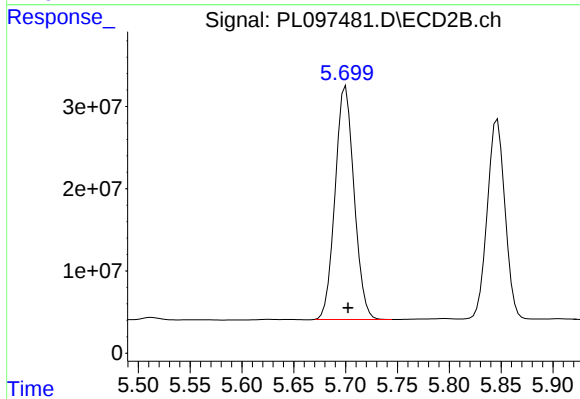
#13 Dieldrin

R.T.: 5.425 min
Delta R.T.: -0.003 min
Response: 367397099
Conc: 44.93 ng/ml



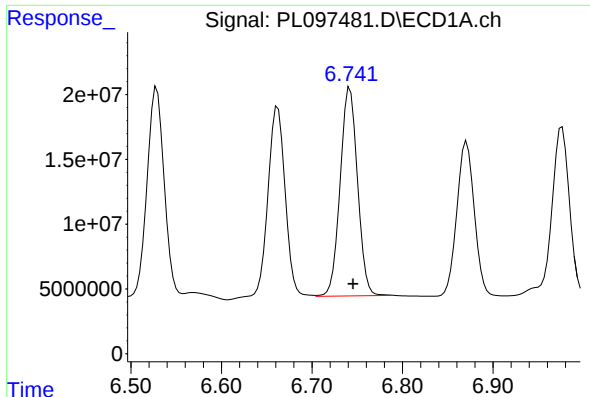
#14 Endrin

R.T.: 6.529 min
Delta R.T.: -0.004 min
Response: 213517622
Conc: 46.28 ng/ml



#14 Endrin

R.T.: 5.700 min
Delta R.T.: -0.002 min
Response: 361364384
Conc: 48.11 ng/ml



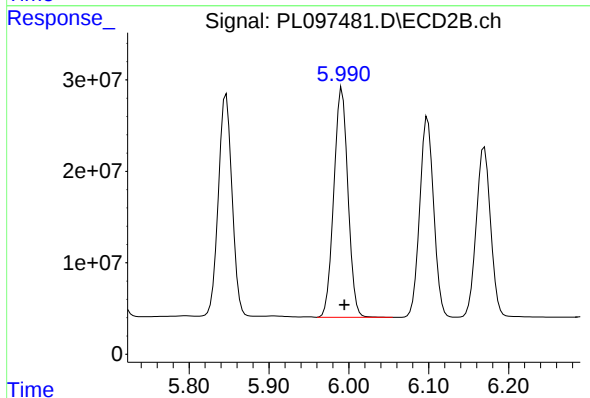
#15 Endosulfan II

R.T.: 6.741 min
Delta R.T.: -0.005 min
Response: 214330942
Conc: 43.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169933BS

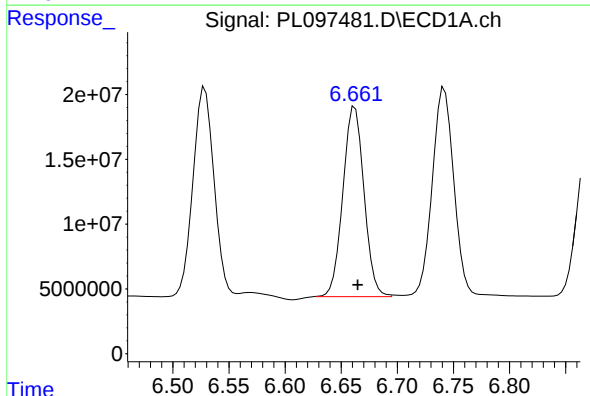
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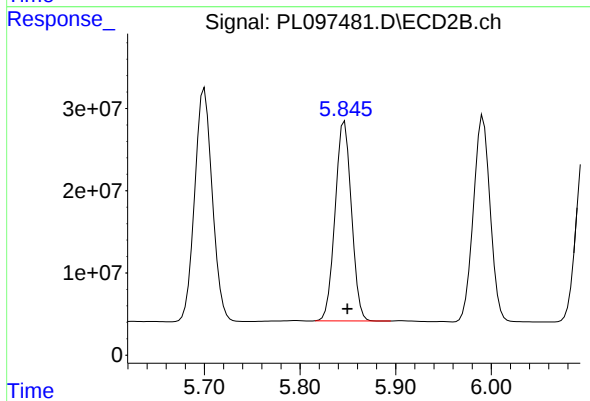
#15 Endosulfan II

R.T.: 5.991 min
Delta R.T.: -0.003 min
Response: 307811176
Conc: 43.30 ng/ml



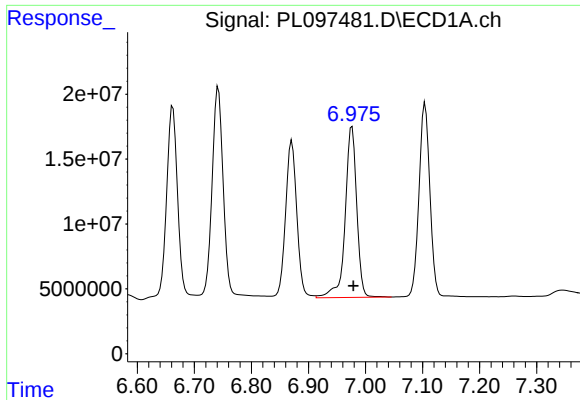
#16 4,4'-DDD

R.T.: 6.661 min
Delta R.T.: -0.004 min
Response: 192115801
Conc: 50.95 ng/ml m



#16 4,4'-DDD

R.T.: 5.846 min
Delta R.T.: -0.003 min
Response: 287437428
Conc: 44.57 ng/ml



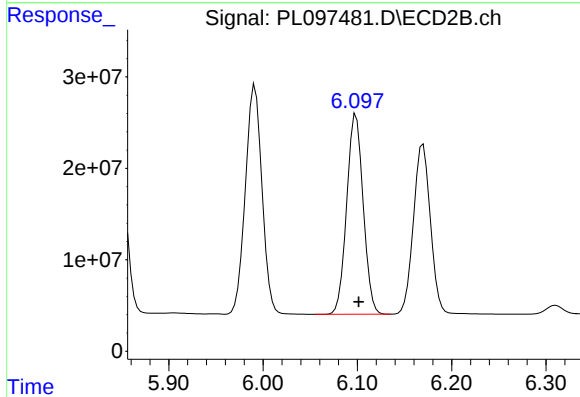
#17 4,4'-DDT

R.T.: 6.976 min
Delta R.T.: -0.003 min
Response: 185855866
Conc: 43.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169933BS

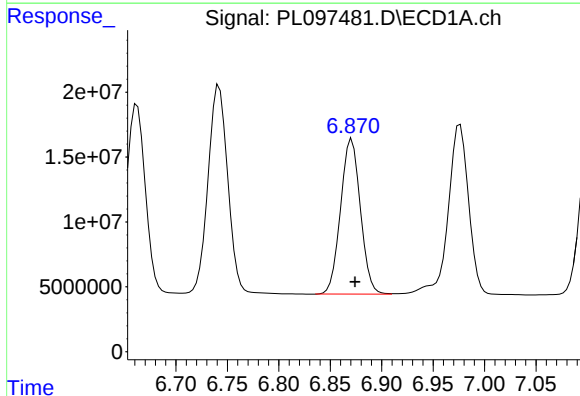
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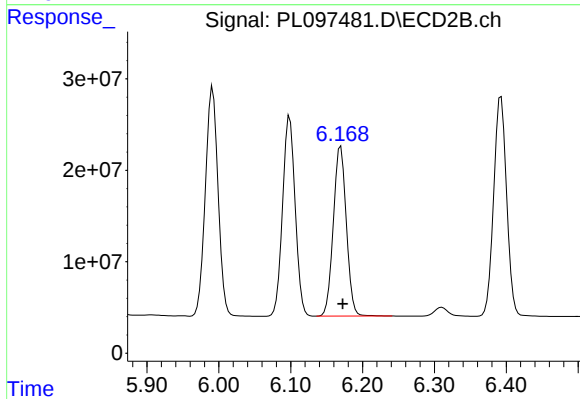
#17 4,4'-DDT

R.T.: 6.099 min
Delta R.T.: -0.003 min
Response: 266543905
Conc: 38.52 ng/ml



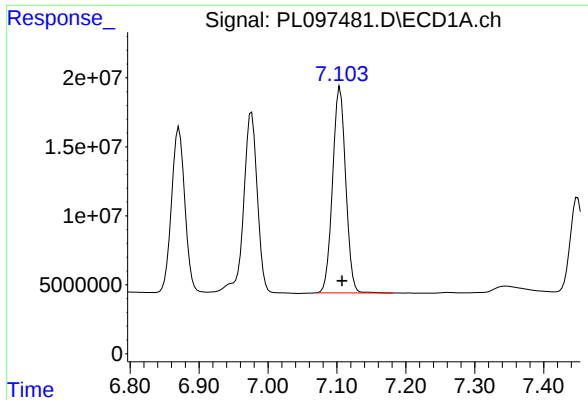
#18 Endrin aldehyde

R.T.: 6.870 min
Delta R.T.: -0.005 min
Response: 160243461
Conc: 51.98 ng/ml m



#18 Endrin aldehyde

R.T.: 6.170 min
Delta R.T.: -0.003 min
Response: 233151713
Conc: 43.68 ng/ml



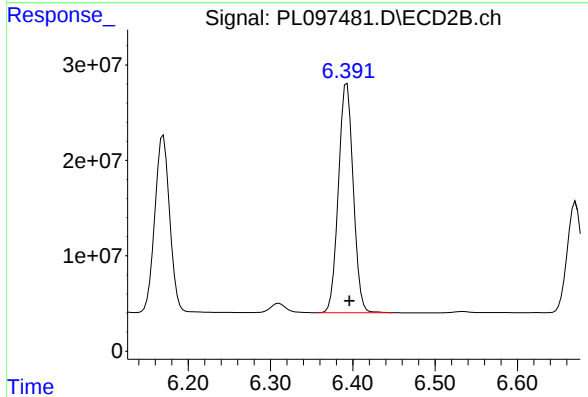
#19 Endosulfan Sulfate

R.T.: 7.105 min
Delta R.T.: -0.003 min
Response: 197139222
Conc: 48.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169933BS

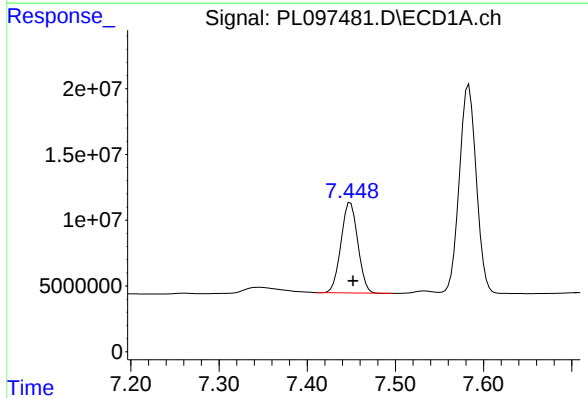
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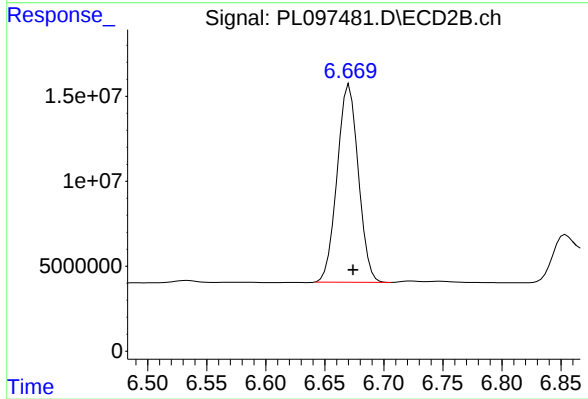
#19 Endosulfan Sulfate

R.T.: 6.393 min
Delta R.T.: -0.003 min
Response: 300104580
Conc: 43.81 ng/ml



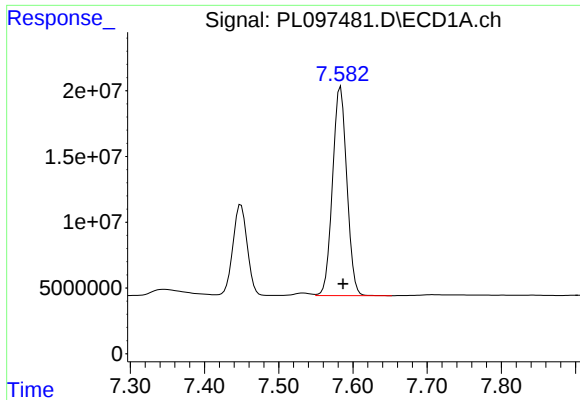
#20 Methoxychlor

R.T.: 7.449 min
Delta R.T.: -0.003 min
Response: 91080663
Conc: 43.68 ng/ml



#20 Methoxychlor

R.T.: 6.671 min
Delta R.T.: -0.003 min
Response: 145253179
Conc: 38.53 ng/ml



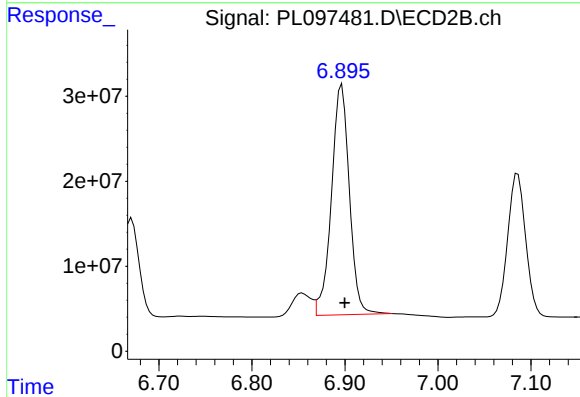
#21 Endrin ketone

R.T.: 7.583 min
Delta R.T.: -0.004 min
Response: 213154062
Conc: 50.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169933BS

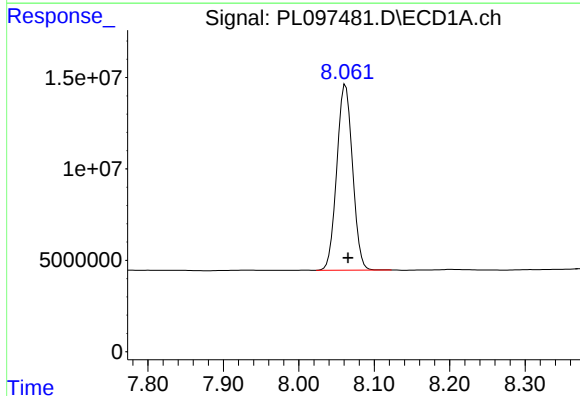
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/03/2025
Supervised By :mohammad ahmed 10/06/2025



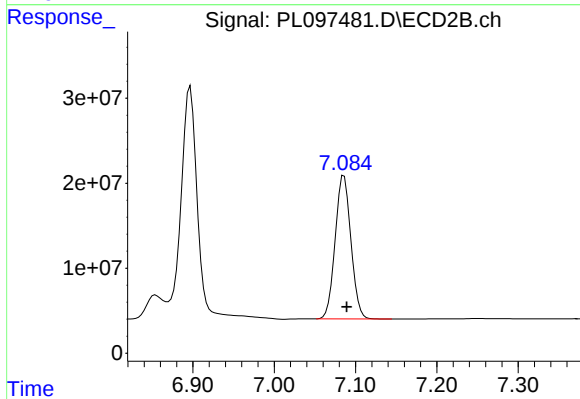
#21 Endrin ketone

R.T.: 6.897 min
Delta R.T.: -0.003 min
Response: 363480511
Conc: 48.27 ng/ml



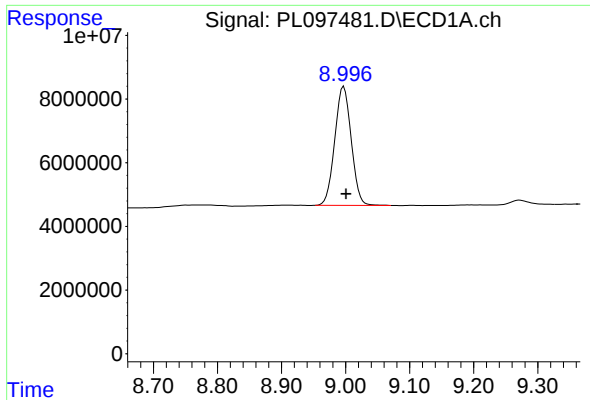
#22 Mirex

R.T.: 8.062 min
Delta R.T.: -0.003 min
Response: 147428683
Conc: 41.53 ng/ml



#22 Mirex

R.T.: 7.086 min
Delta R.T.: -0.003 min
Response: 227027749
Conc: 37.97 ng/ml



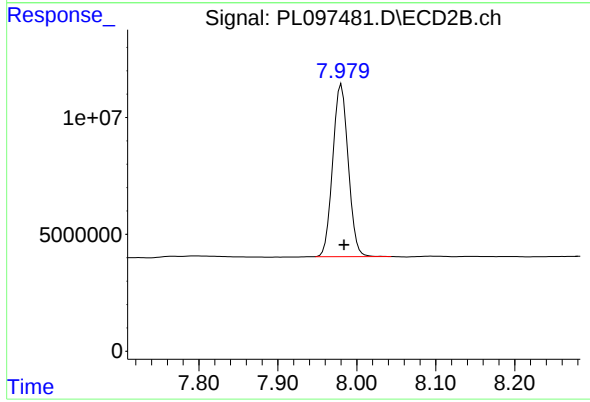
#28 Decachlorobiphenyl

R.T.: 8.997 min
Delta R.T.: -0.004 min
Response: 66695387
Conc: 20.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169933BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/03/2025
Supervised By :mohammad ahmed 10/06/2025



#28 Decachlorobiphenyl

R.T.: 7.981 min
Delta R.T.: -0.003 min
Response: 100608546
Conc: 17.68 ng/ml