

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL093025\
 Data File : PL097449.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Sep 2025 16:32
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/01/2025
 Supervised By :mohammad ahmed 10/03/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 01 02:23:20 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	2.822	215.8E6	306.9E6	47.674	46.669
28)	SA Decachlor...	9.000	7.982	155.7E6	239.5E6	47.586	42.079
Target Compounds							
2)	A alpha-BHC	3.972	3.327	364.1E6	524.8E6	52.103	52.699
3)	MA gamma-BHC...	4.300	3.659	340.5E6	477.1E6	51.481	51.216
4)	MA Heptachlor	4.890	4.007	318.4E6	446.5E6	47.734	47.987
5)	MB Aldrin	5.230	4.289	319.3E6	449.5E6	50.410	51.793
6)	B beta-BHC	4.487	3.955	139.6E6	196.1E6	51.225	48.266
7)	B delta-BHC	4.731	4.188	320.8E6	466.5E6	52.858m	50.749
8)	B Heptachlo...	5.648	4.791	297.7E6	409.2E6	51.802m	51.586
9)	A Endosulfan I	6.032	5.162	272.5E6	359.4E6	52.593	46.771
10)	B gamma-Chl...	5.902	5.043	291.3E6	445.2E6	51.529m	50.972
11)	B alpha-Chl...	5.984	5.107	300.1E6	426.9E6	52.843	51.431
12)	B 4,4'-DDE	6.155	5.295	251.2E6	383.6E6	52.719	49.917
13)	MA Dieldrin	6.304	5.426	284.9E6	433.1E6	51.962	52.972
14)	MA Endrin	6.530	5.701	246.3E6	455.3E6	53.389	60.618m
15)	B Endosulfa...	6.742	5.993	235.7E6	348.5E6	47.919m	49.026
16)	A 4,4'-DDD	6.663	5.848	207.3E6	329.0E6	54.979m	51.022
17)	MA 4,4'-DDT	6.976	6.100	179.7E6	285.1E6	42.502m	41.203
18)	B Endrin al...	6.871	6.171	171.0E6	255.2E6	55.473m	47.806
19)	B Endosulfa...	7.106	6.394	214.9E6	333.6E6	52.640	48.707
20)	A Methoxychlor	7.451	6.672	92936340	152.5E6	44.566	40.452
21)	B Endrin ke...	7.586	6.898	225.4E6	378.0E6	53.112	50.200
22)	Mirex	8.064	7.088	158.8E6	259.5E6	44.716	43.404

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL093025\
Data File : PL097449.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Sep 2025 16:32
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

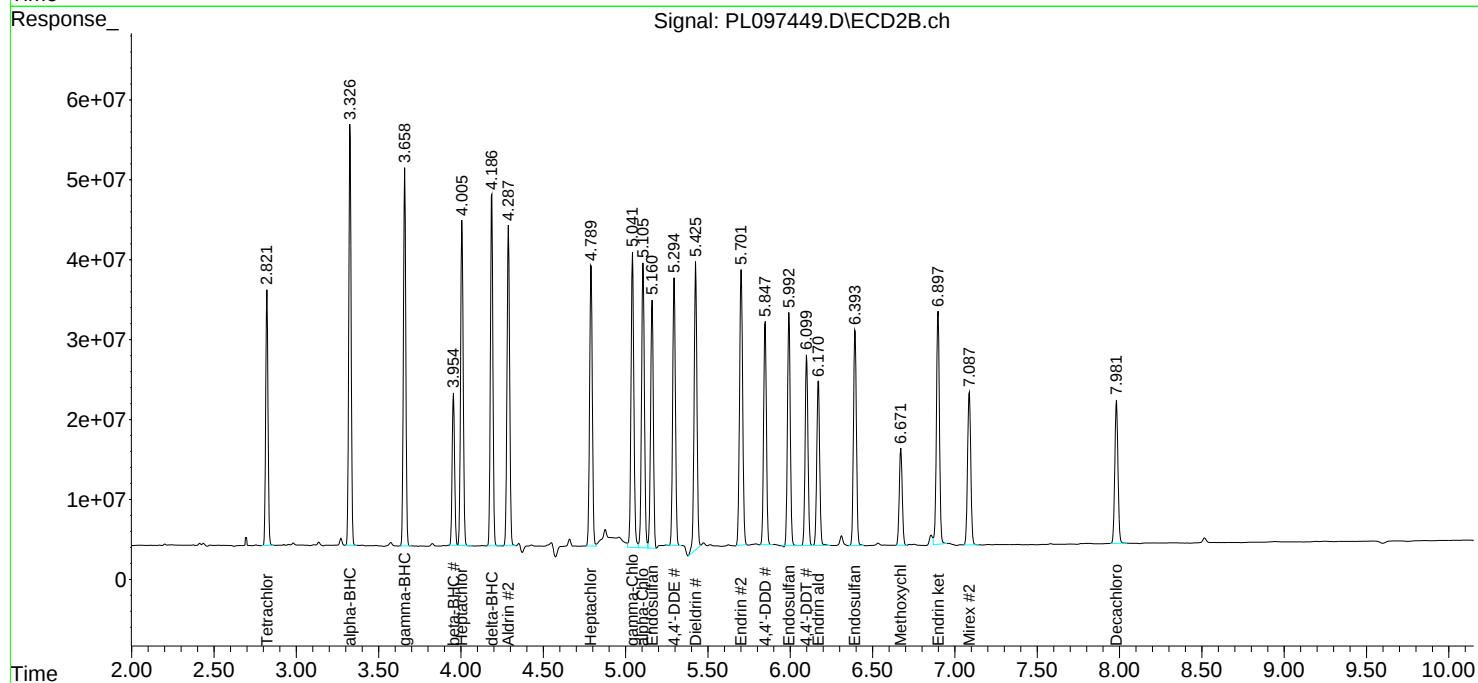
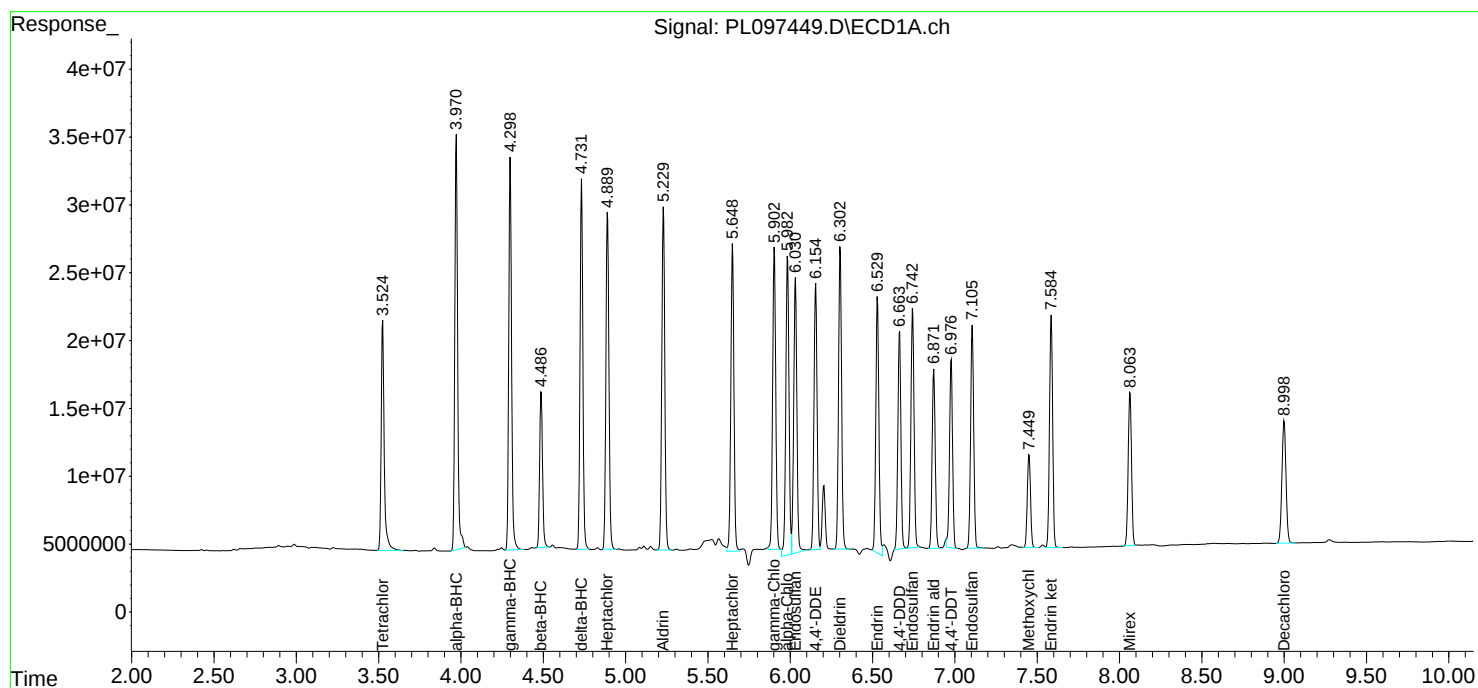
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

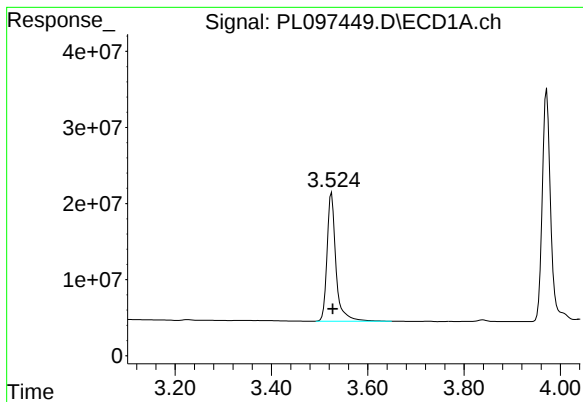
Manual Integrations
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Supervised By :mohammad ahmed 10/03/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 01 02:23:20 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





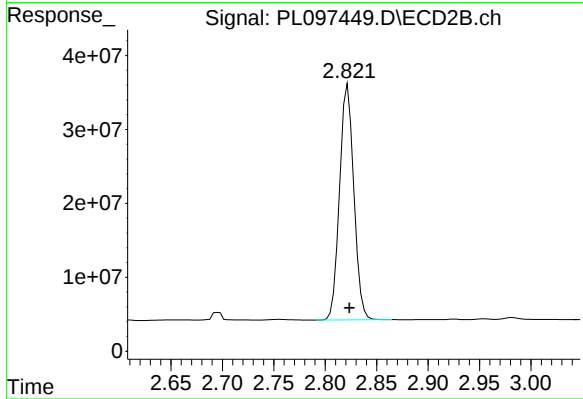
#1 Tetrachloro-m-xylene

R.T.: 3.525 min
Delta R.T.: -0.002 min
Response: 215828044
Conc: 47.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

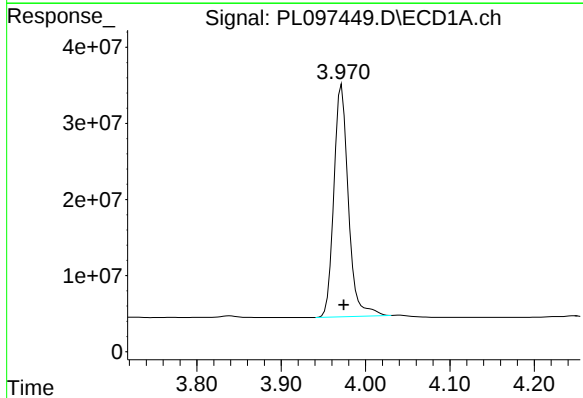
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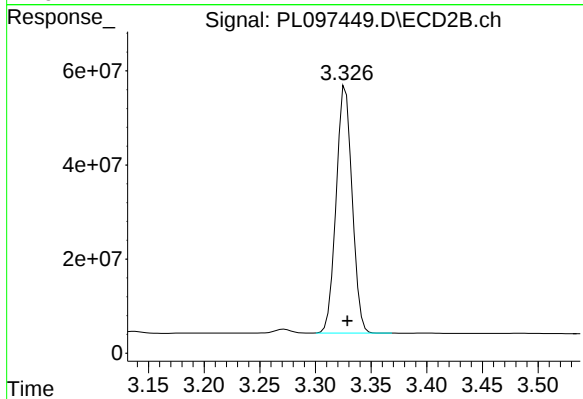
#1 Tetrachloro-m-xylene

R.T.: 2.822 min
Delta R.T.: -0.001 min
Response: 306872919
Conc: 46.67 ng/ml



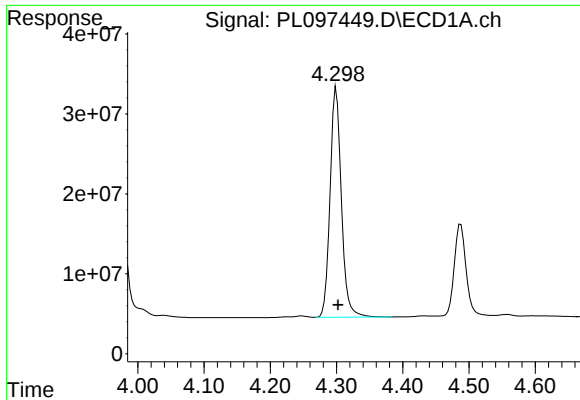
#2 alpha-BHC

R.T.: 3.972 min
Delta R.T.: -0.002 min
Response: 364067993
Conc: 52.10 ng/ml



#2 alpha-BHC

R.T.: 3.327 min
Delta R.T.: -0.002 min
Response: 524750601
Conc: 52.70 ng/ml



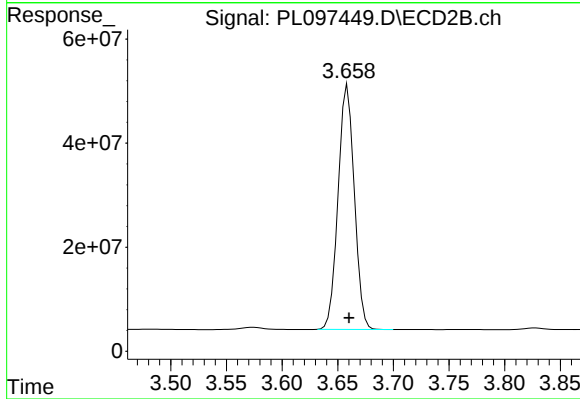
#3 gamma-BHC (Lindane)

R.T.: 4.300 min
Delta R.T.: -0.003 min
Response: 340452541
Conc: 51.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

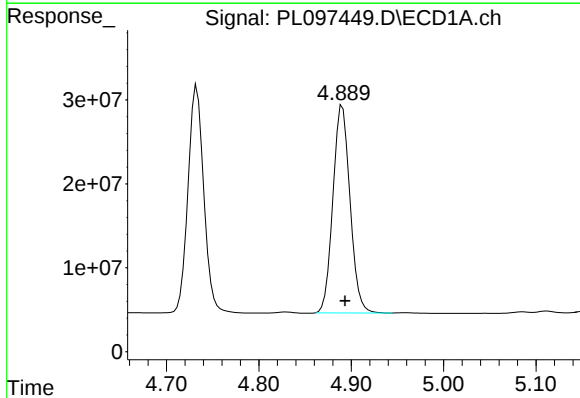
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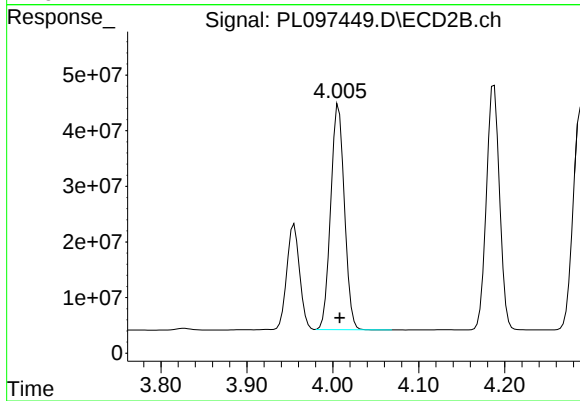
#3 gamma-BHC (Lindane)

R.T.: 3.659 min
Delta R.T.: -0.001 min
Response: 477055761
Conc: 51.22 ng/ml



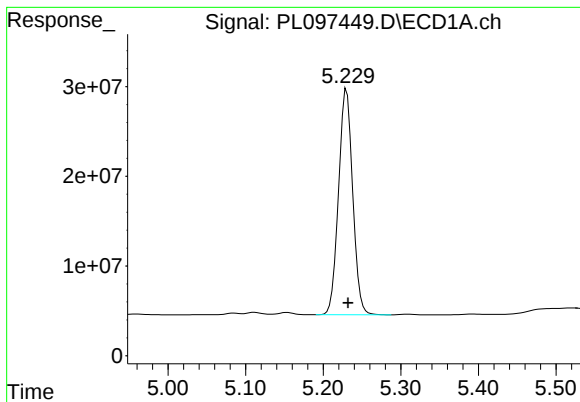
#4 Heptachlor

R.T.: 4.890 min
Delta R.T.: -0.003 min
Response: 318387459
Conc: 47.73 ng/ml



#4 Heptachlor

R.T.: 4.007 min
Delta R.T.: -0.001 min
Response: 446529116
Conc: 47.99 ng/ml



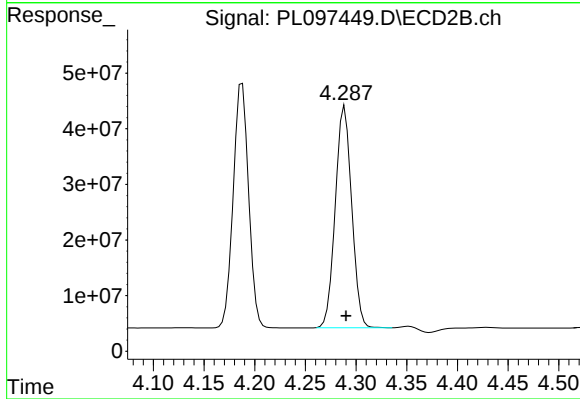
#5 Aldrin

R.T.: 5.230 min
Delta R.T.: -0.002 min
Response: 319287773
Conc: 50.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

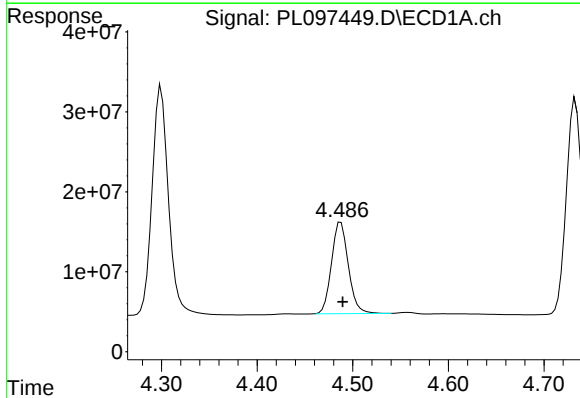
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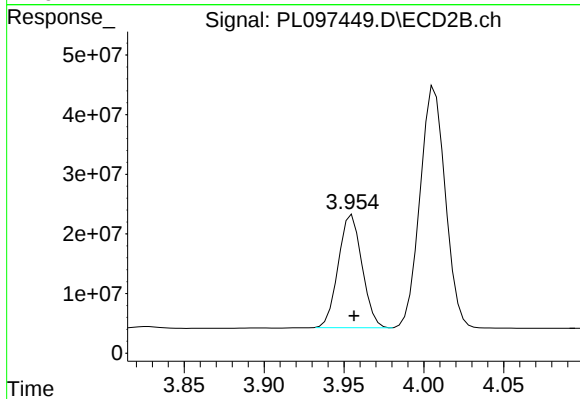
#5 Aldrin

R.T.: 4.289 min
Delta R.T.: -0.002 min
Response: 449531299
Conc: 51.79 ng/ml



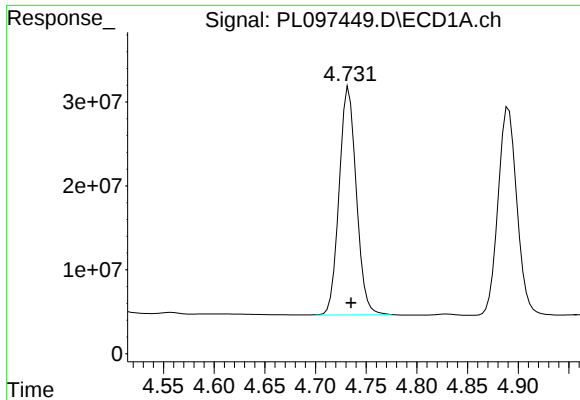
#6 beta-BHC

R.T.: 4.487 min
Delta R.T.: -0.002 min
Response: 139649709
Conc: 51.23 ng/ml



#6 beta-BHC

R.T.: 3.955 min
Delta R.T.: -0.001 min
Response: 196059192
Conc: 48.27 ng/ml



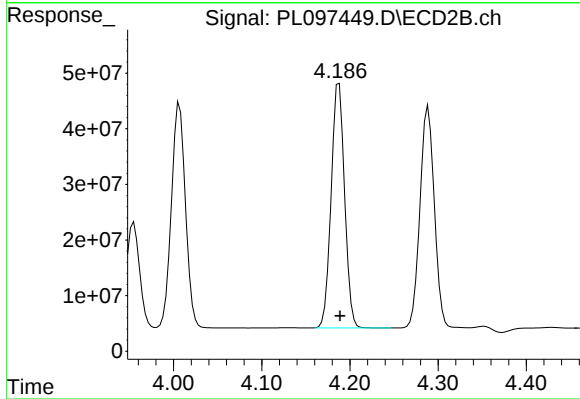
#7 delta-BHC

R.T.: 4.731 min
Delta R.T.: -0.004 min
Response: 320760965
Conc: 52.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

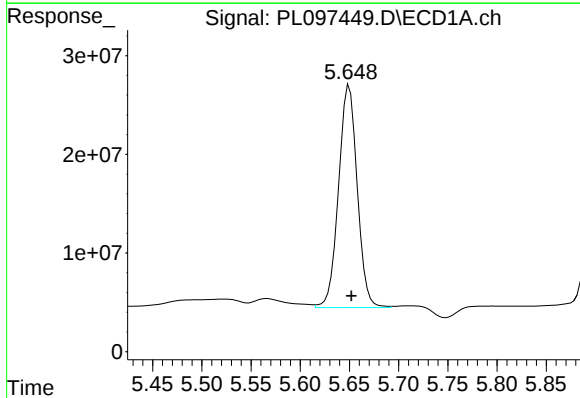
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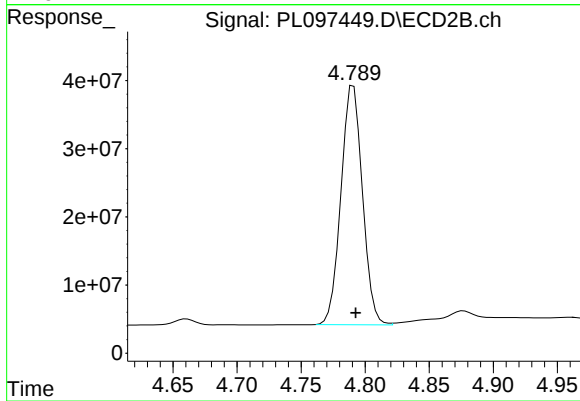
#7 delta-BHC

R.T.: 4.188 min
Delta R.T.: -0.001 min
Response: 466499510
Conc: 50.75 ng/ml



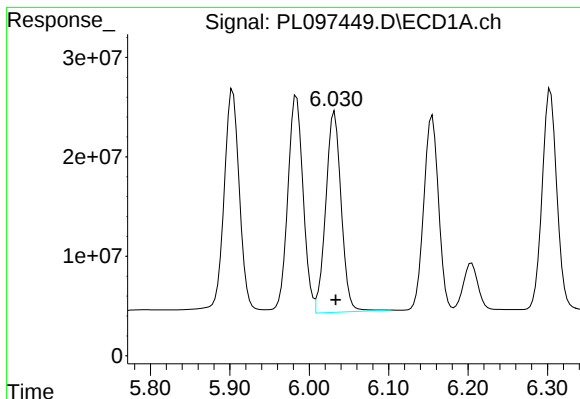
#8 Heptachlor epoxide

R.T.: 5.648 min
Delta R.T.: -0.003 min
Response: 297701857
Conc: 51.80 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.791 min
Delta R.T.: -0.002 min
Response: 409157991
Conc: 51.59 ng/ml



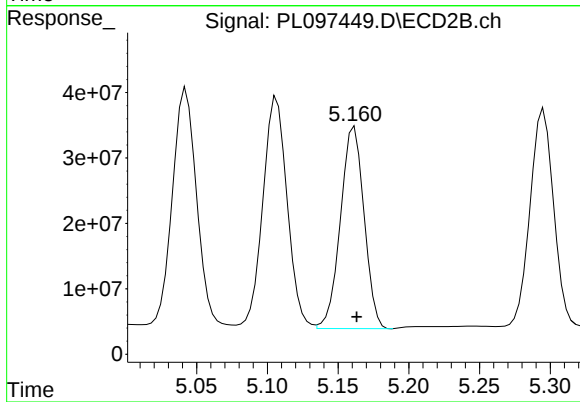
#9 Endosulfan I

R.T.: 6.032 min
Delta R.T.: -0.002 min
Response: 272502990
Conc: 52.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

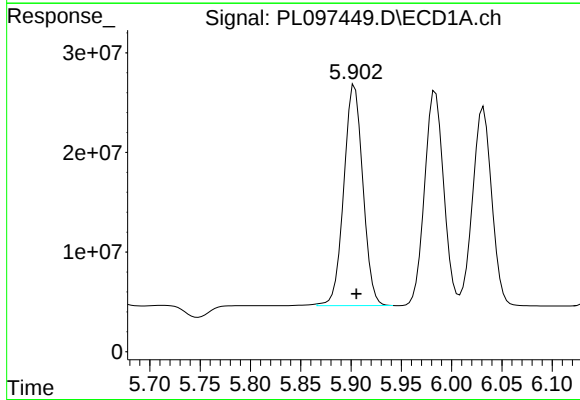
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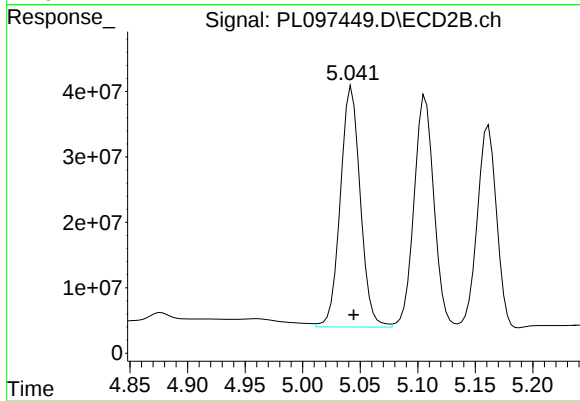
#9 Endosulfan I

R.T.: 5.162 min
Delta R.T.: -0.002 min
Response: 359370315
Conc: 46.77 ng/ml



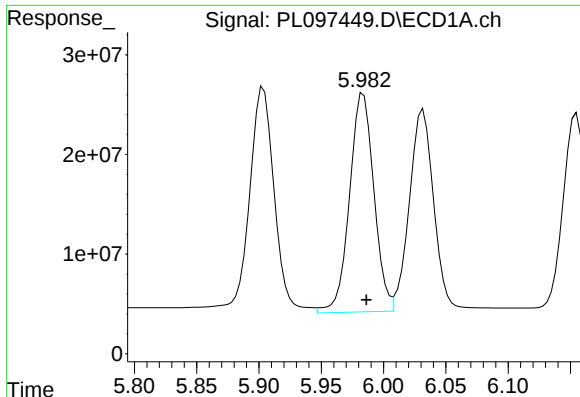
#10 gamma-Chlordane

R.T.: 5.902 min
Delta R.T.: -0.003 min
Response: 291321256
Conc: 51.53 ng/ml m



#10 gamma-Chlordane

R.T.: 5.043 min
Delta R.T.: -0.002 min
Response: 445184916
Conc: 50.97 ng/ml



#11 alpha-Chlordane

R.T.: 5.984 min
Delta R.T.: -0.002 min
Response: 300144465
Conc: 52.84 ng/ml

Instrument :

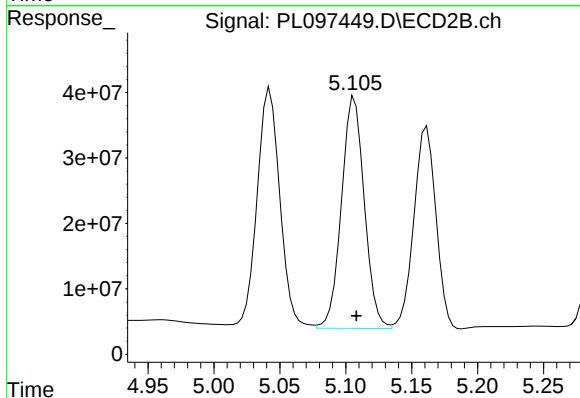
ECD_L

ClientSampleId :

PSTDCCC050

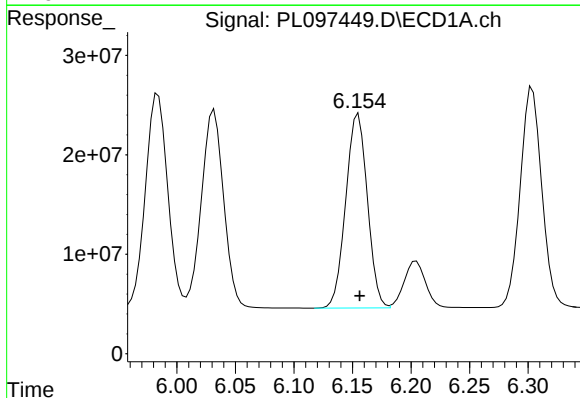
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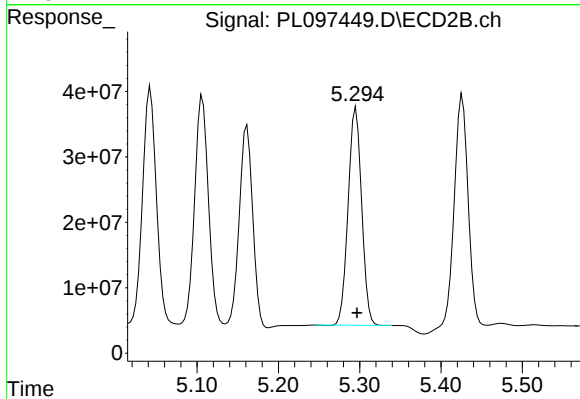
#11 alpha-Chlordane

R.T.: 5.107 min
Delta R.T.: -0.001 min
Response: 426906560
Conc: 51.43 ng/ml



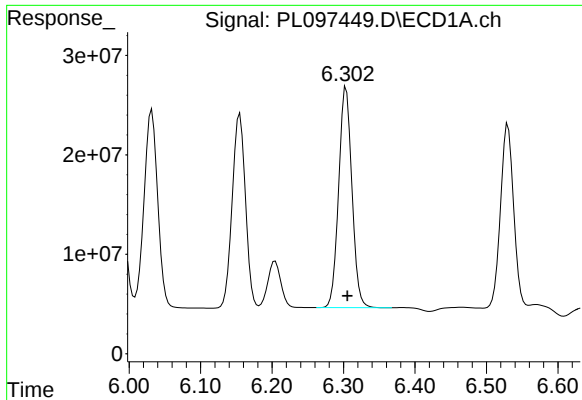
#12 4,4'-DDE

R.T.: 6.155 min
Delta R.T.: -0.001 min
Response: 251189937
Conc: 52.72 ng/ml



#12 4,4'-DDE

R.T.: 5.295 min
Delta R.T.: -0.001 min
Response: 383600646
Conc: 49.92 ng/ml



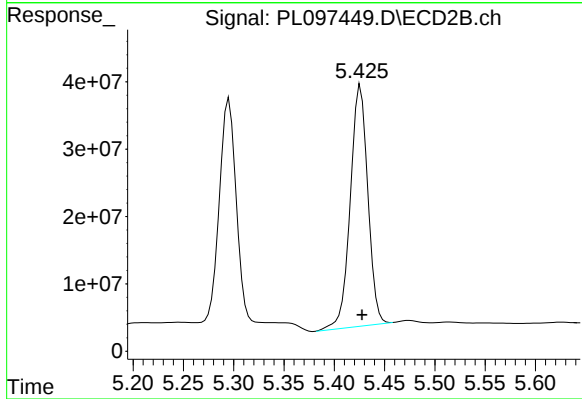
#13 Dieldrin

R.T.: 6.304 min
Delta R.T.: -0.002 min
Response: 284863473
Conc: 51.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

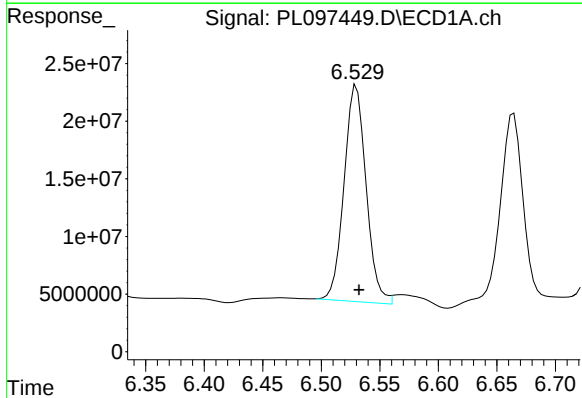
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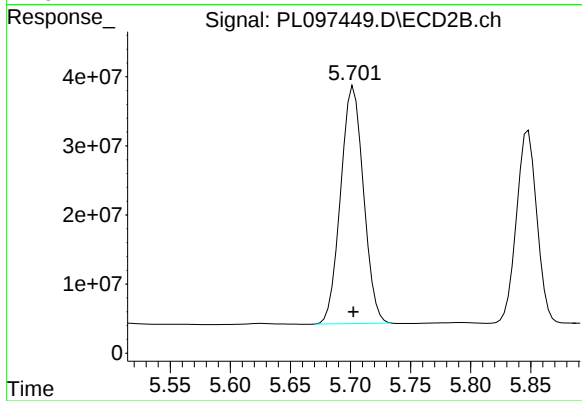
#13 Dieldrin

R.T.: 5.426 min
Delta R.T.: -0.002 min
Response: 433142977
Conc: 52.97 ng/ml



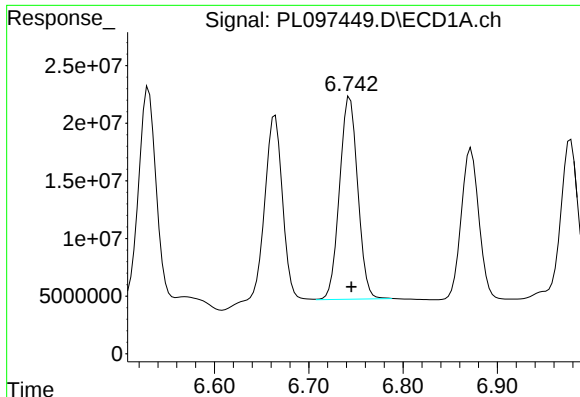
#14 Endrin

R.T.: 6.530 min
Delta R.T.: -0.002 min
Response: 246290787
Conc: 53.39 ng/ml



#14 Endrin

R.T.: 5.701 min
Delta R.T.: -0.001 min
Response: 455273940
Conc: 60.62 ng/ml m



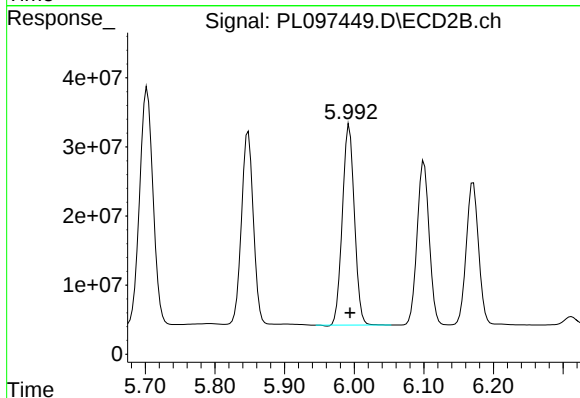
#15 Endosulfan II

R.T.: 6.742 min
Delta R.T.: -0.003 min
Response: 235681040
Conc: 47.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

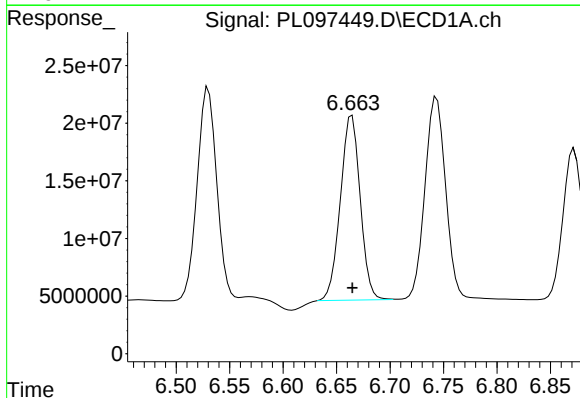
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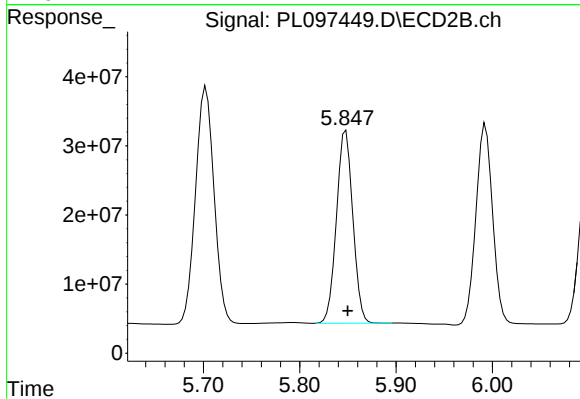
#15 Endosulfan II

R.T.: 5.993 min
Delta R.T.: -0.001 min
Response: 348535659
Conc: 49.03 ng/ml



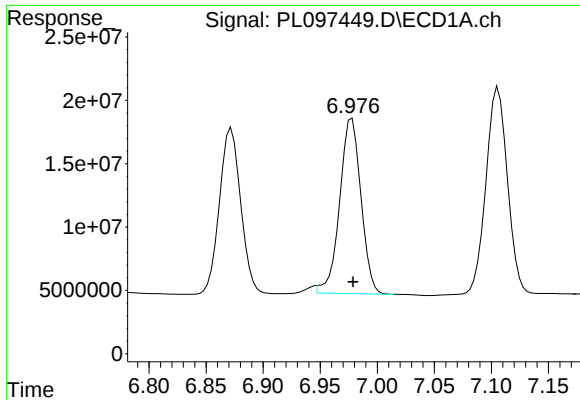
#16 4,4'-DDD

R.T.: 6.663 min
Delta R.T.: -0.002 min
Response: 207301045
Conc: 54.98 ng/ml m



#16 4,4'-DDD

R.T.: 5.848 min
Delta R.T.: -0.002 min
Response: 329047533
Conc: 51.02 ng/ml



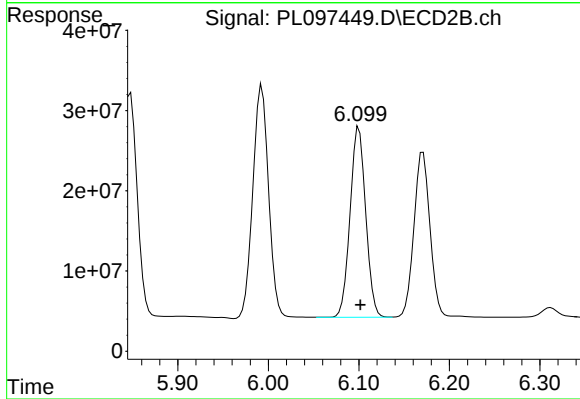
#17 4,4'-DDT

R.T.: 6.976 min
Delta R.T.: -0.003 min
Response: 179665167
Conc: 42.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

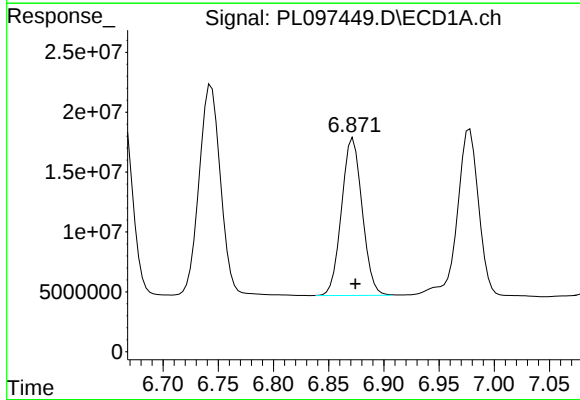
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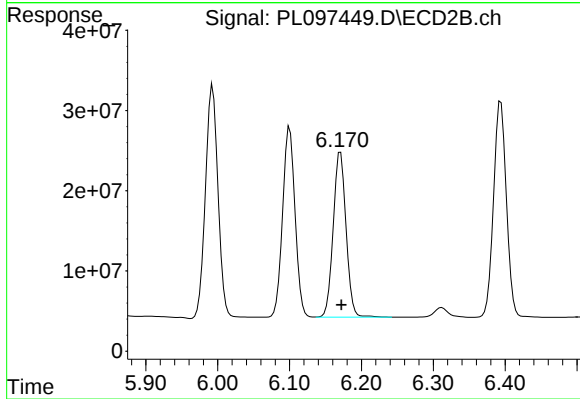
#17 4,4'-DDT

R.T.: 6.100 min
Delta R.T.: -0.001 min
Response: 285145551
Conc: 41.20 ng/ml



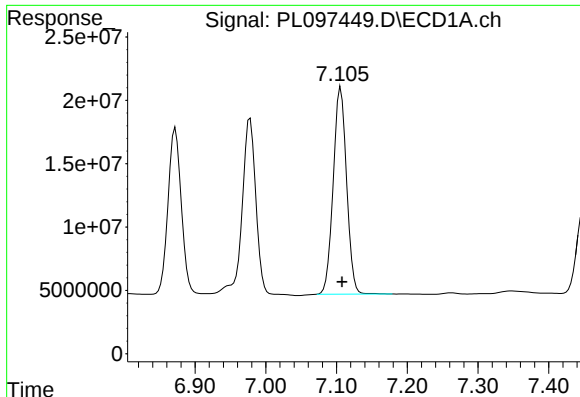
#18 Endrin aldehyde

R.T.: 6.871 min
Delta R.T.: -0.003 min
Response: 171011760
Conc: 55.47 ng/ml m



#18 Endrin aldehyde

R.T.: 6.171 min
Delta R.T.: -0.001 min
Response: 255160061
Conc: 47.81 ng/ml



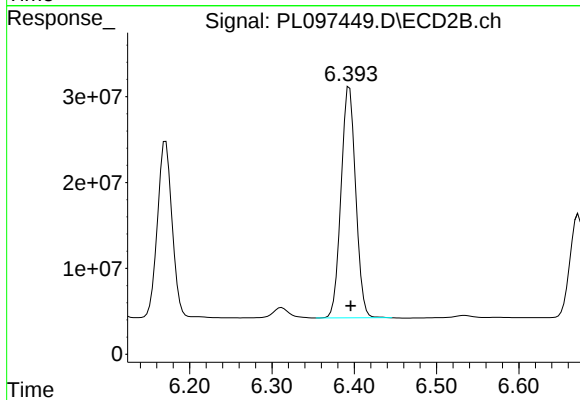
#19 Endosulfan Sulfate

R.T.: 7.106 min
Delta R.T.: -0.002 min
Response: 214913619
Conc: 52.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

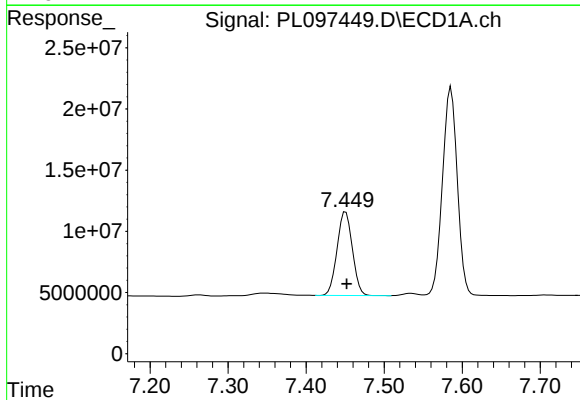
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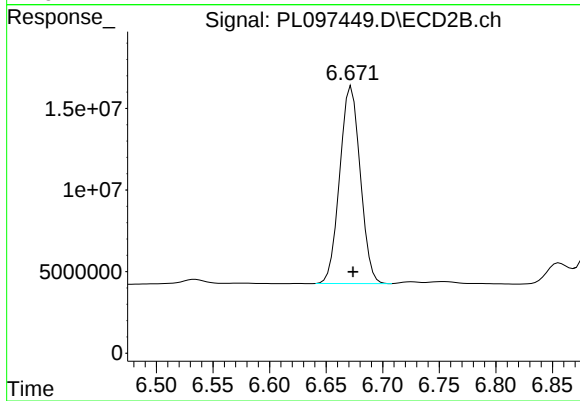
#19 Endosulfan Sulfate

R.T.: 6.394 min
Delta R.T.: -0.002 min
Response: 333631295
Conc: 48.71 ng/ml



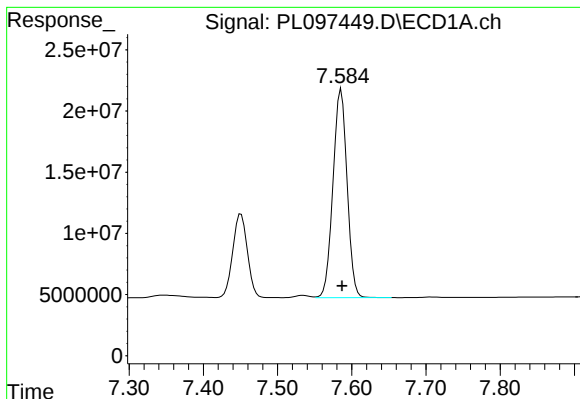
#20 Methoxychlor

R.T.: 7.451 min
Delta R.T.: -0.002 min
Response: 92936340
Conc: 44.57 ng/ml



#20 Methoxychlor

R.T.: 6.672 min
Delta R.T.: -0.001 min
Response: 152482791
Conc: 40.45 ng/ml



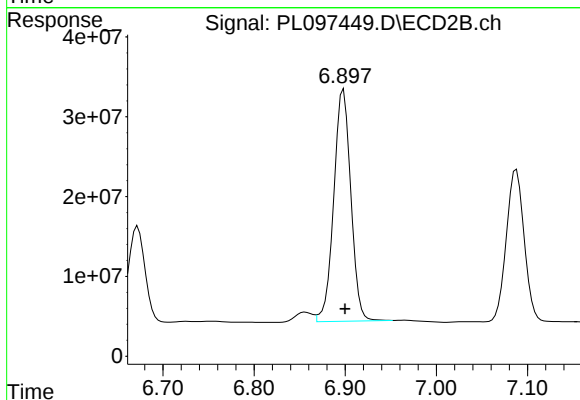
#21 Endrin ketone

R.T.: 7.586 min
Delta R.T.: -0.001 min
Response: 225427888
Conc: 53.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

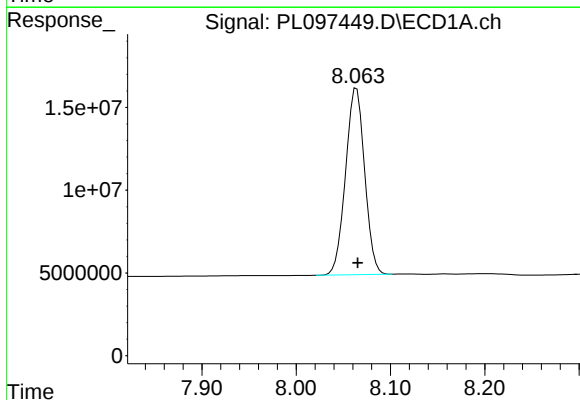
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/01/2025
Supervised By :mohammad ahmed 10/03/2025



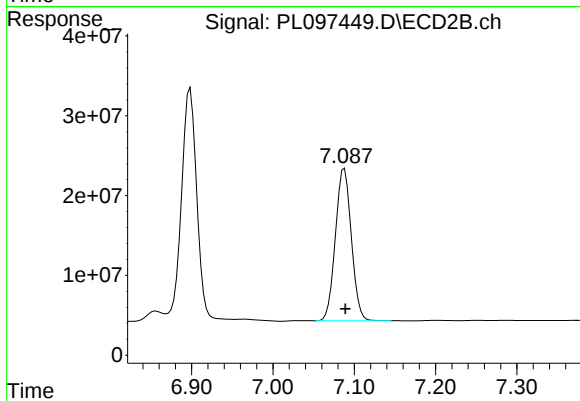
#21 Endrin ketone

R.T.: 6.898 min
Delta R.T.: -0.002 min
Response: 378019294
Conc: 50.20 ng/ml



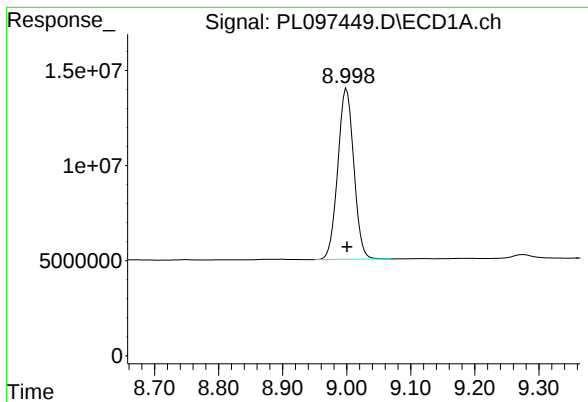
#22 Mirex

R.T.: 8.064 min
Delta R.T.: -0.001 min
Response: 158755668
Conc: 44.72 ng/ml



#22 Mirex

R.T.: 7.088 min
Delta R.T.: -0.001 min
Response: 259500650
Conc: 43.40 ng/ml



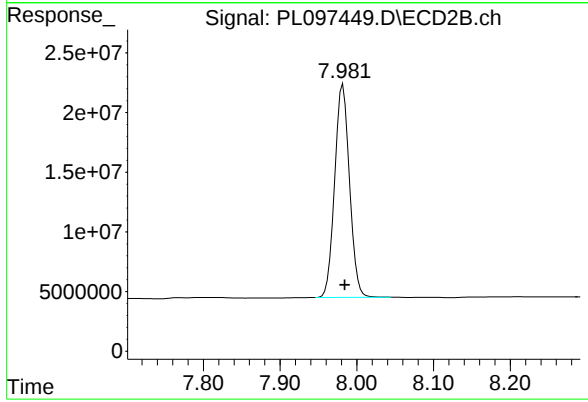
#28 Decachlorobiphenyl

R.T.: 9.000 min
Delta R.T.: 0.000 min
Response: 155709933
Conc: 47.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/01/2025
Supervised By :mohammad ahmed 10/03/2025



#28 Decachlorobiphenyl

R.T.: 7.982 min
Delta R.T.: -0.002 min
Response: 239497171
Conc: 42.08 ng/ml