

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL093025\
 Data File : PL097461.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Sep 2025 20:21
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 5 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 02:26:03 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	2.823	242.8E6	341.9E6	53.623	51.997
28)	SA Decachlor...	8.997	7.982	170.7E6	250.2E6	52.168	43.959
Target Compounds							
2)	A alpha-BHC	3.973	3.328	393.5E6	586.2E6	56.310	58.873
3)	MA gamma-BHC...	4.299	3.660	378.1E6	530.8E6	57.181m	56.980
4)	MA Heptachlor	4.891	4.008	365.5E6	507.5E6	54.792	54.536
5)	MB Aldrin	5.230	4.290	355.8E6	494.1E6	56.175	56.926
6)	B beta-BHC	4.488	3.956	153.6E6	217.4E6	56.355	53.519
7)	B delta-BHC	4.732	4.188	358.4E6	515.6E6	59.053m	56.092
8)	B Heptachlo...	5.648	4.791	324.9E6	450.3E6	56.527m	56.767
9)	A Endosulfan I	6.031	5.162	295.6E6	392.7E6	57.052	51.113
10)	B gamma-Chl...	5.902	5.043	315.0E6	486.5E6	55.720m	55.707
11)	B alpha-Chl...	5.984	5.107	326.7E6	465.9E6	57.517	56.134
12)	B 4,4'-DDE	6.154	5.296	279.4E6	421.1E6	58.638	54.802
13)	MA Dieldrin	6.304	5.427	319.7E6	468.3E6	58.308	57.269
14)	MA Endrin	6.530	5.702	269.4E6	477.7E6	58.390	63.598
15)	B Endosulfa...	6.742	5.993	256.1E6	379.8E6	52.061m	53.418
16)	A 4,4'-DDD	6.662	5.848	224.5E6	355.6E6	59.530m	55.134
17)	MA 4,4'-DDT	6.977	6.101	235.3E6	331.9E6	55.652	47.960
18)	B Endrin al...	6.871	6.171	183.5E6	272.4E6	59.531m	51.043
19)	B Endosulfa...	7.105	6.394	235.2E6	358.6E6	57.614	52.353
20)	A Methoxychlor	7.451	6.672	109.3E6	173.2E6	52.419	45.960
21)	B Endrin ke...	7.585	6.898	249.0E6	412.7E6	58.670	54.806
22)	Mirex	8.063	7.088	175.5E6	273.6E6	49.426	45.767

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL093025\
Data File : PL097461.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Sep 2025 20:21
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 5 Sample Multiplier: 1

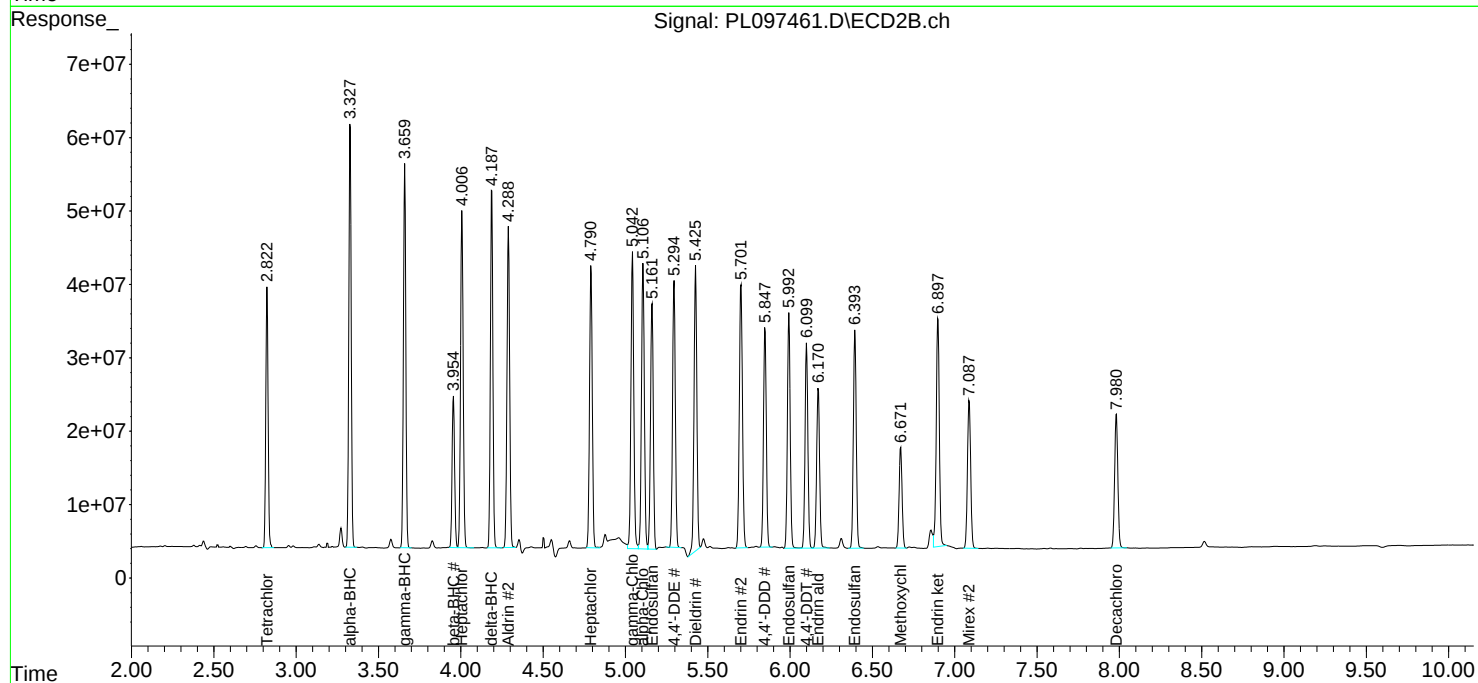
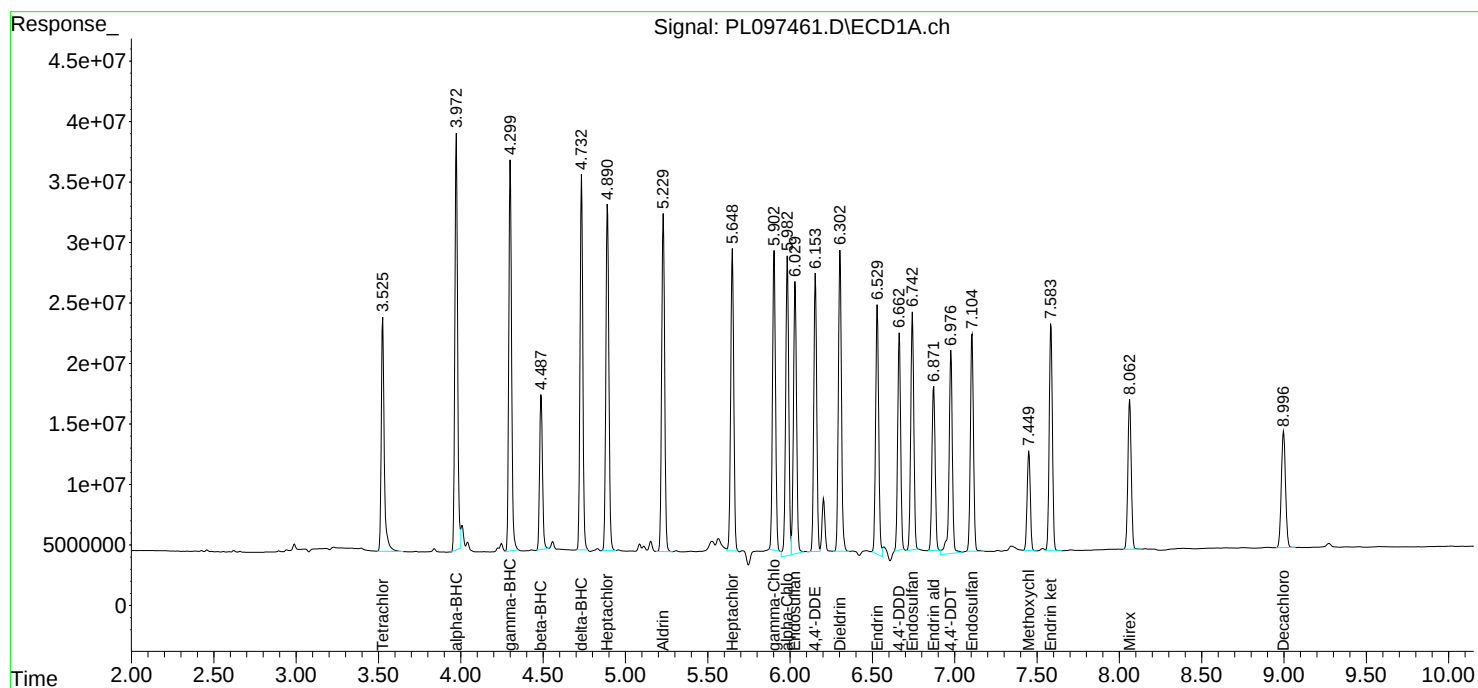
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

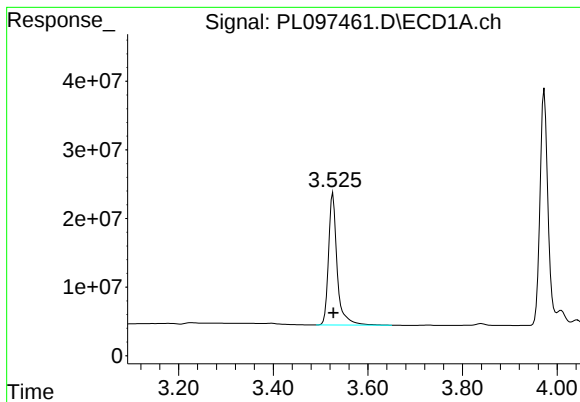
Manual Integrations
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Supervised By :mohammad ahmed 10/03/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 01 02:26:03 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





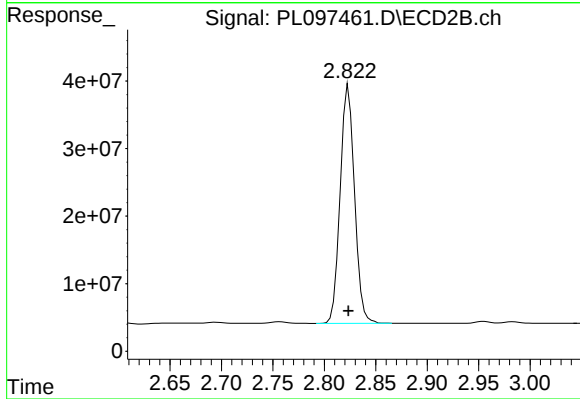
#1 Tetrachloro-m-xylene

R.T.: 3.526 min
Delta R.T.: 0.000 min
Response: 242760162
Conc: 53.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

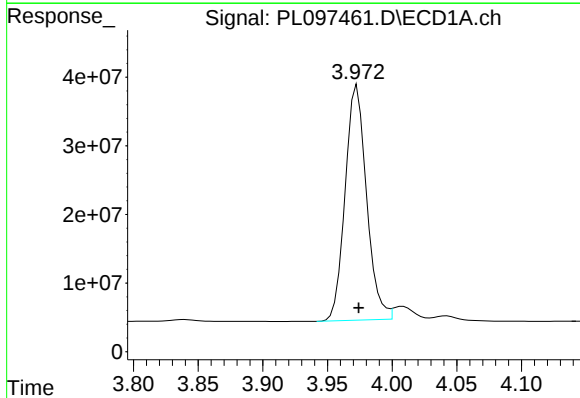
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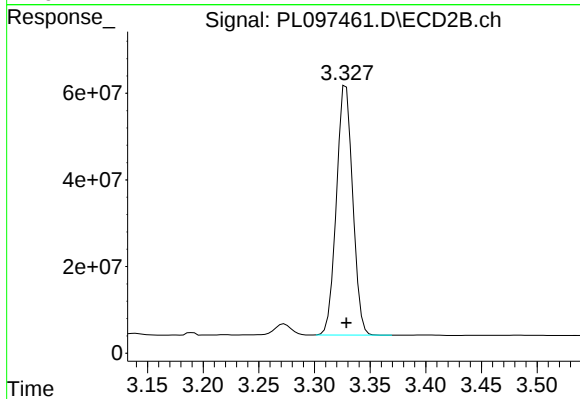
#1 Tetrachloro-m-xylene

R.T.: 2.823 min
Delta R.T.: 0.000 min
Response: 341906944
Conc: 52.00 ng/ml



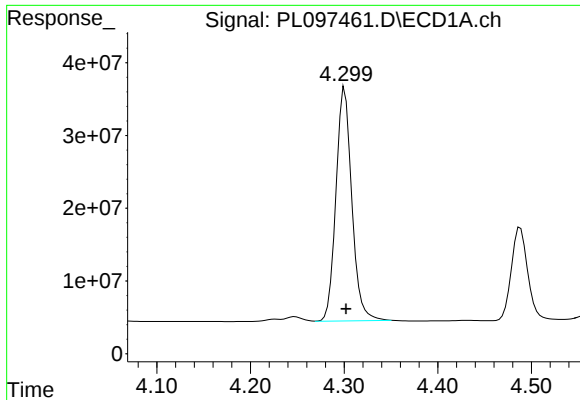
#2 alpha-BHC

R.T.: 3.973 min
Delta R.T.: -0.001 min
Response: 393459985
Conc: 56.31 ng/ml



#2 alpha-BHC

R.T.: 3.328 min
Delta R.T.: 0.000 min
Response: 586233710
Conc: 58.87 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.299 min
Delta R.T.: -0.003 min
Response: 378148509
Conc: 57.18 ng/ml

Instrument :

ECD_L

ClientSampleId :

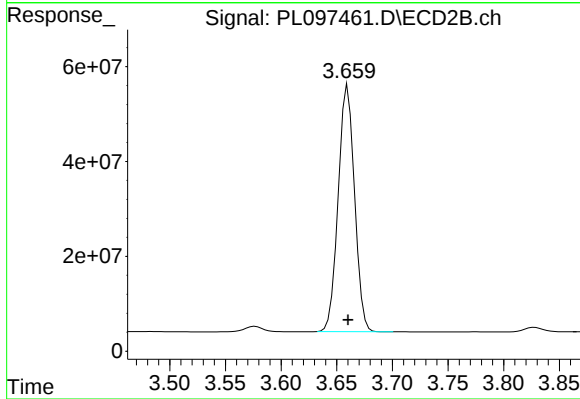
PSTDCCC050

Manual Integrations

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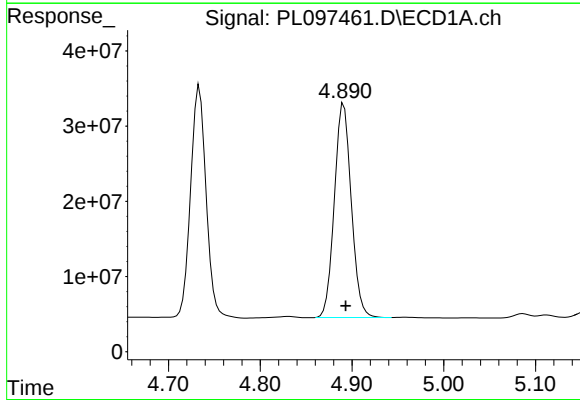
Reviewed By :Abdul Mirza 10/01/2025

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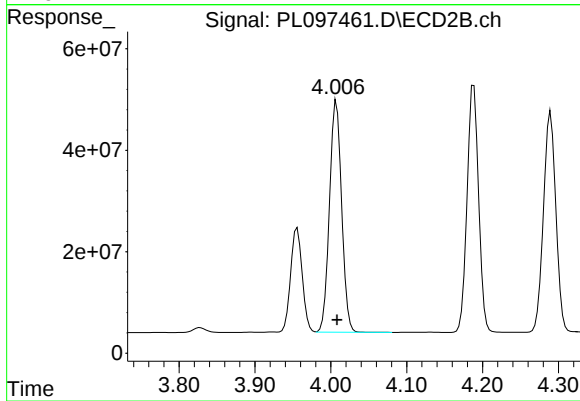
#3 gamma-BHC (Lindane)

R.T.: 3.660 min
Delta R.T.: 0.000 min
Response: 530752930
Conc: 56.98 ng/ml



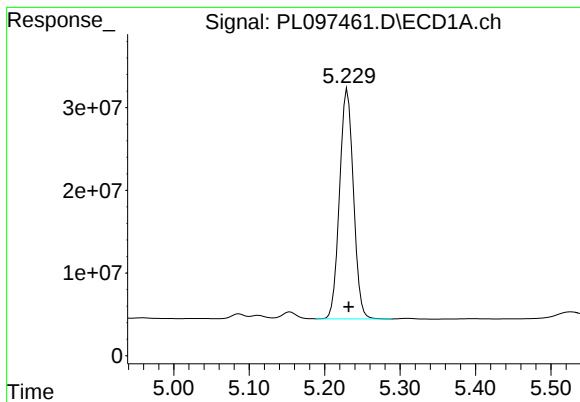
#4 Heptachlor

R.T.: 4.891 min
Delta R.T.: -0.002 min
Response: 365470024
Conc: 54.79 ng/ml



#4 Heptachlor

R.T.: 4.008 min
Delta R.T.: 0.000 min
Response: 507469714
Conc: 54.54 ng/ml



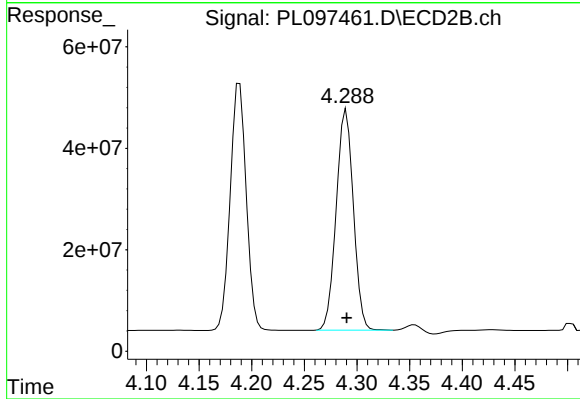
#5 Aldrin

R.T.: 5.230 min
Delta R.T.: -0.002 min
Response: 355802949
Conc: 56.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

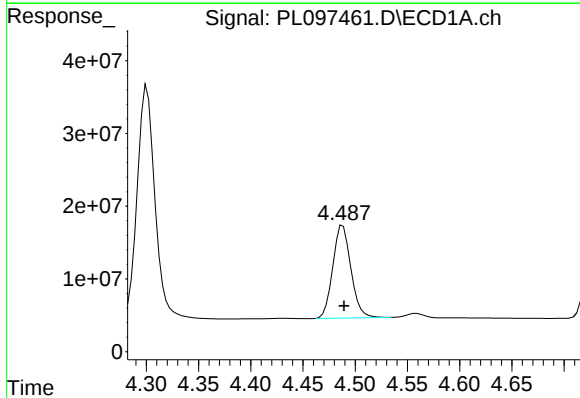
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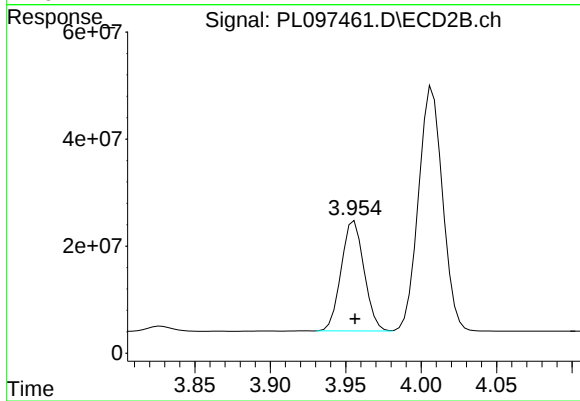
#5 Aldrin

R.T.: 4.290 min
Delta R.T.: 0.000 min
Response: 494076651
Conc: 56.93 ng/ml



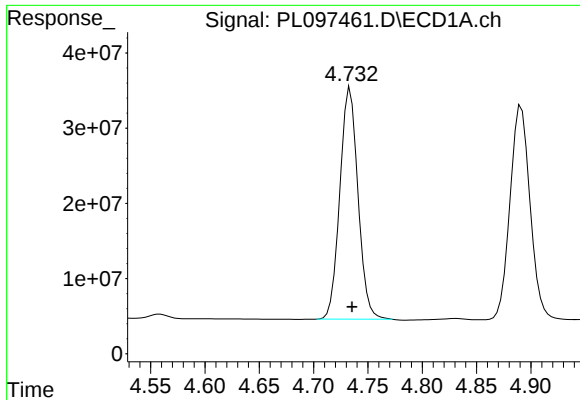
#6 beta-BHC

R.T.: 4.488 min
Delta R.T.: -0.001 min
Response: 153634527
Conc: 56.36 ng/ml



#6 beta-BHC

R.T.: 3.956 min
Delta R.T.: 0.000 min
Response: 217394017
Conc: 53.52 ng/ml



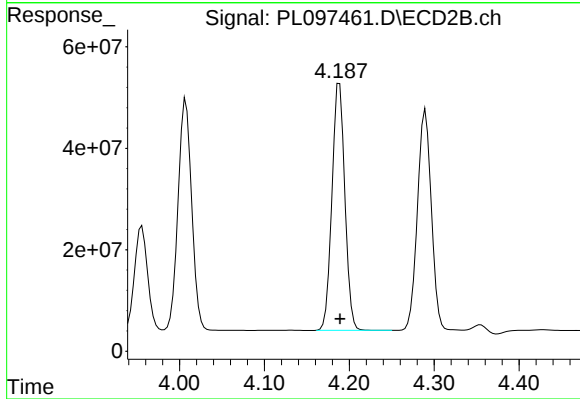
#7 delta-BHC

R.T.: 4.732 min
Delta R.T.: -0.003 min
Response: 358354627
Conc: 59.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

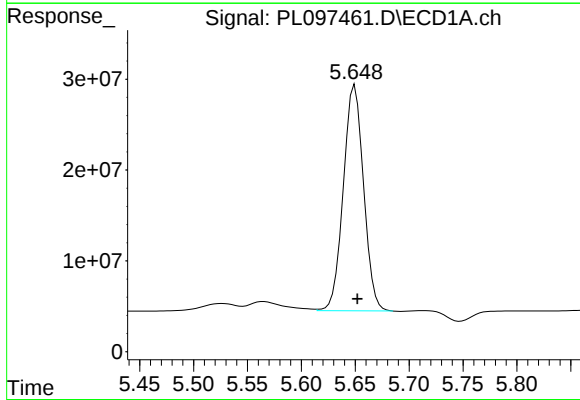
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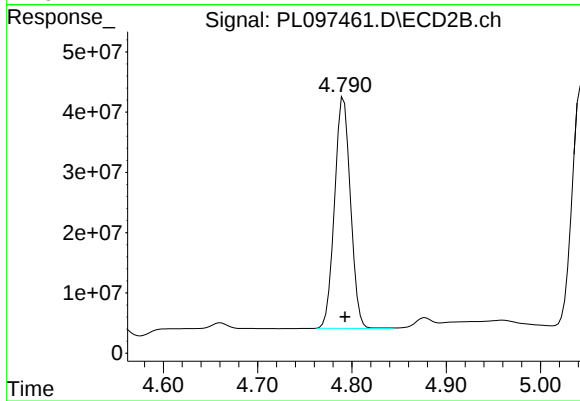
#7 delta-BHC

R.T.: 4.188 min
Delta R.T.: 0.000 min
Response: 515606818
Conc: 56.09 ng/ml



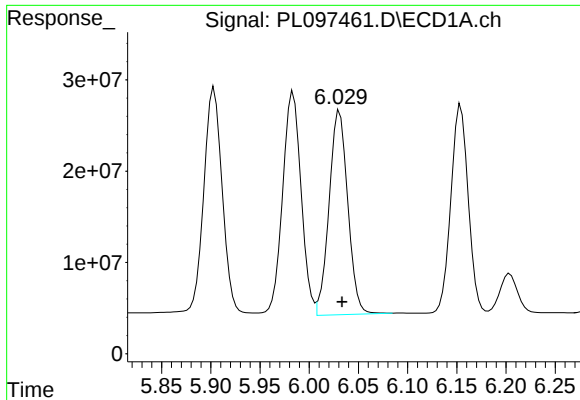
#8 Heptachlor epoxide

R.T.: 5.648 min
Delta R.T.: -0.004 min
Response: 324858867
Conc: 56.53 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.791 min
Delta R.T.: -0.001 min
Response: 450253029
Conc: 56.77 ng/ml



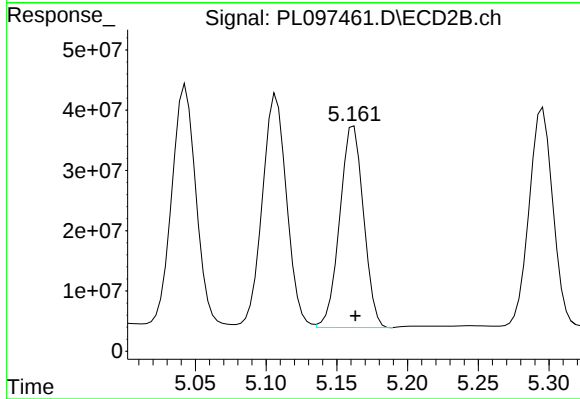
#9 Endosulfan I

R.T.: 6.031 min
Delta R.T.: -0.003 min
Response: 295606059
Conc: 57.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

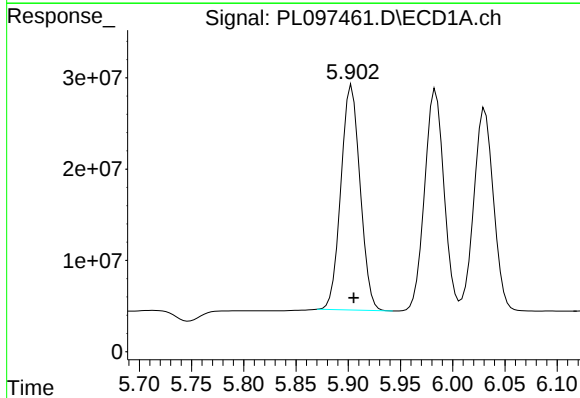
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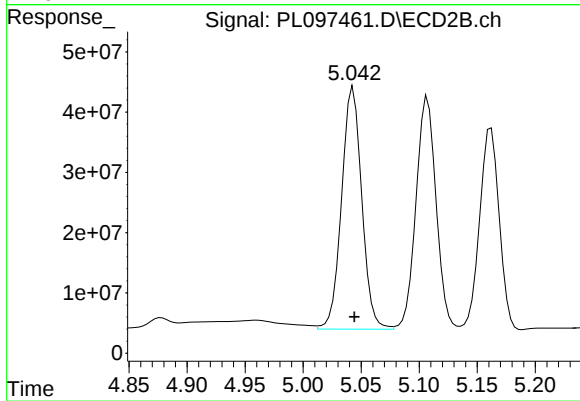
#9 Endosulfan I

R.T.: 5.162 min
Delta R.T.: -0.001 min
Response: 392733293
Conc: 51.11 ng/ml



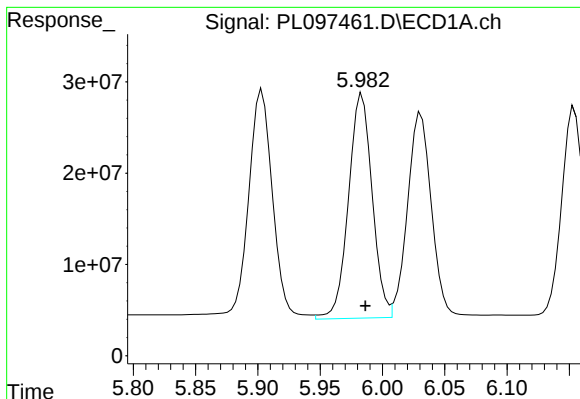
#10 gamma-Chlordane

R.T.: 5.902 min
Delta R.T.: -0.003 min
Response: 315012110
Conc: 55.72 ng/ml m



#10 gamma-Chlordane

R.T.: 5.043 min
Delta R.T.: -0.001 min
Response: 486535375
Conc: 55.71 ng/ml



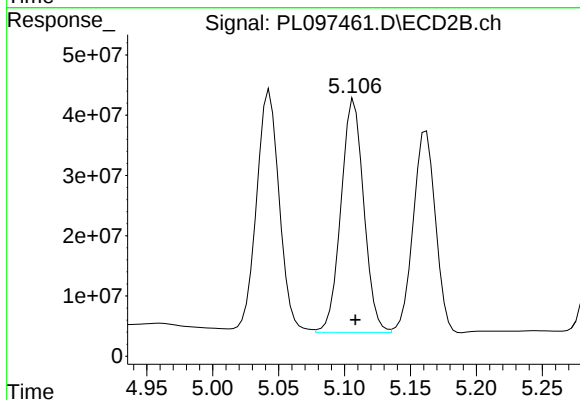
#11 alpha-Chlordane

R.T.: 5.984 min
Delta R.T.: -0.002 min
Response: 326693373
Conc: 57.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

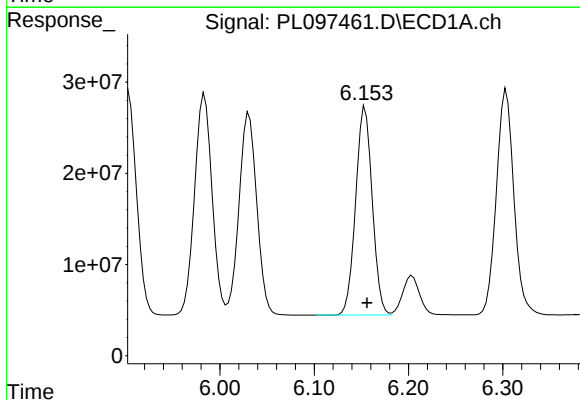
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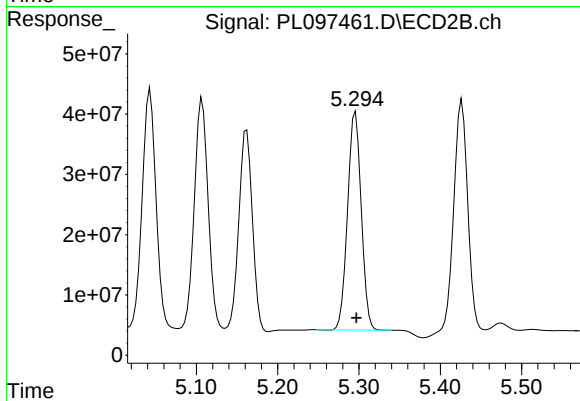
#11 alpha-Chlordane

R.T.: 5.107 min
Delta R.T.: 0.000 min
Response: 465943123
Conc: 56.13 ng/ml



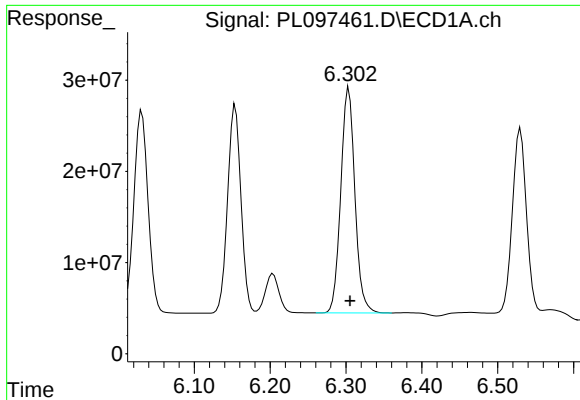
#12 4,4'-DDE

R.T.: 6.154 min
Delta R.T.: -0.002 min
Response: 279392577
Conc: 58.64 ng/ml



#12 4,4'-DDE

R.T.: 5.296 min
Delta R.T.: -0.001 min
Response: 421134845
Conc: 54.80 ng/ml



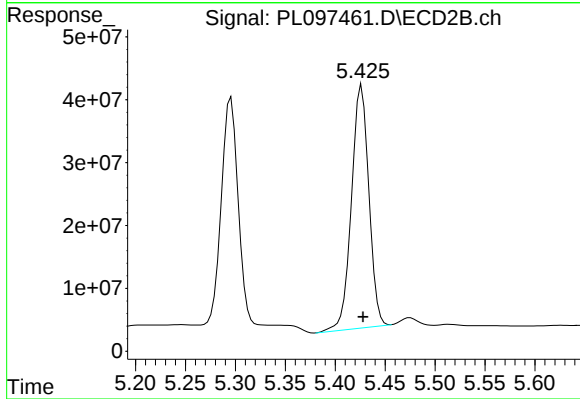
#13 Dieldrin

R.T.: 6.304 min
Delta R.T.: -0.002 min
Response: 319650733
Conc: 58.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

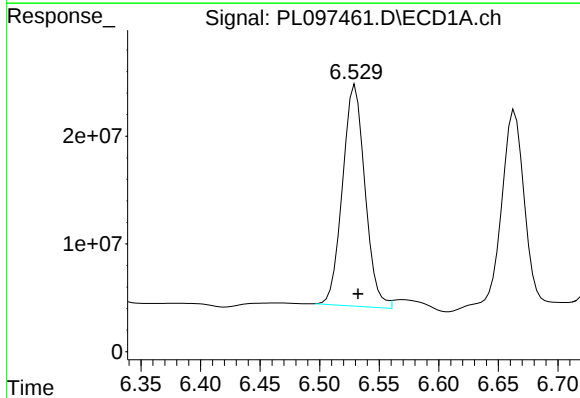
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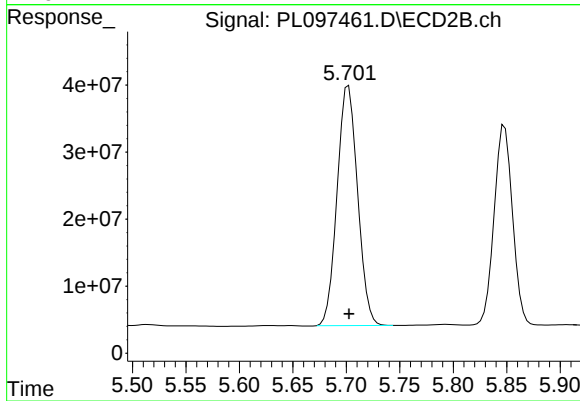
#13 Dieldrin

R.T.: 5.427 min
Delta R.T.: -0.001 min
Response: 468277498
Conc: 57.27 ng/ml



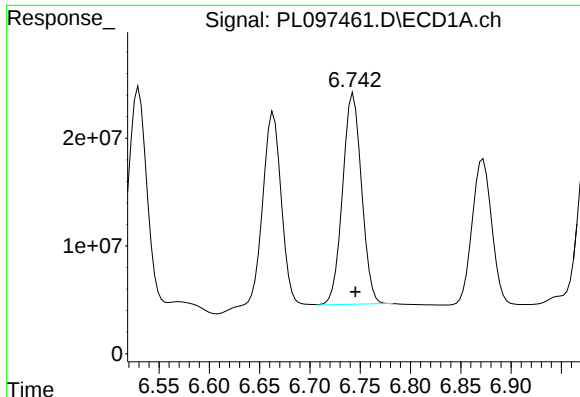
#14 Endrin

R.T.: 6.530 min
Delta R.T.: -0.002 min
Response: 269361739
Conc: 58.39 ng/ml



#14 Endrin

R.T.: 5.702 min
Delta R.T.: 0.000 min
Response: 477653759
Conc: 63.60 ng/ml



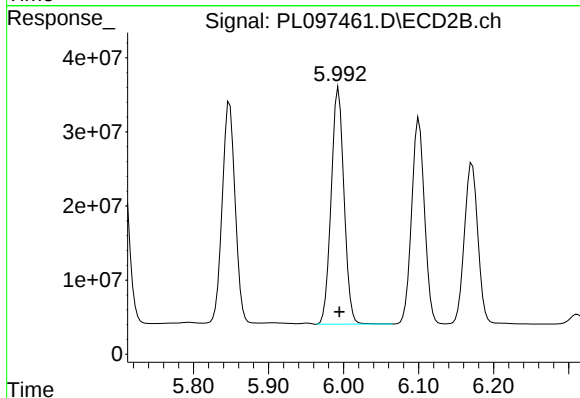
#15 Endosulfan II

R.T.: 6.742 min
Delta R.T.: -0.003 min
Response: 256055149
Conc: 52.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

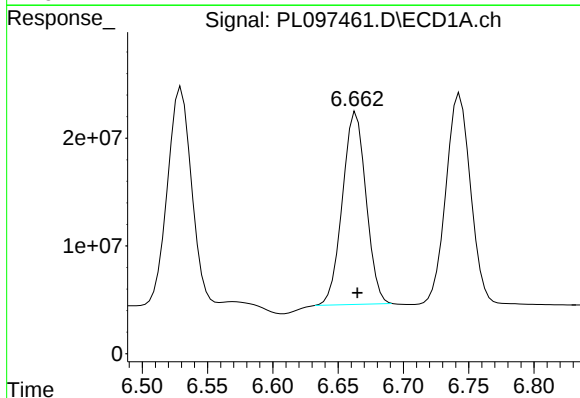
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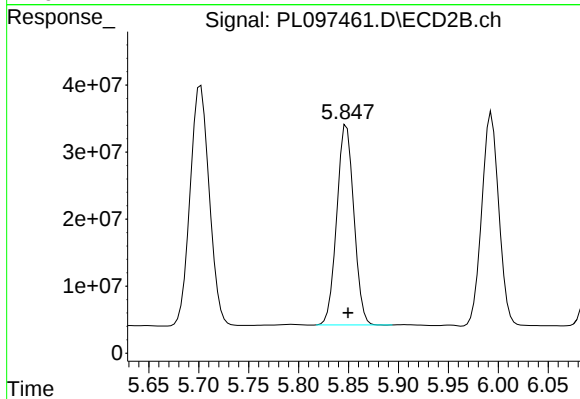
#15 Endosulfan II

R.T.: 5.993 min
Delta R.T.: -0.001 min
Response: 379758380
Conc: 53.42 ng/ml



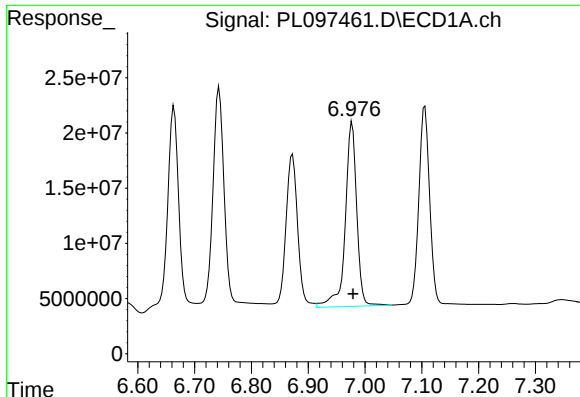
#16 4,4'-DDD

R.T.: 6.662 min
Delta R.T.: -0.003 min
Response: 224459490
Conc: 59.53 ng/ml m



#16 4,4'-DDD

R.T.: 5.848 min
Delta R.T.: -0.002 min
Response: 355563462
Conc: 55.13 ng/ml



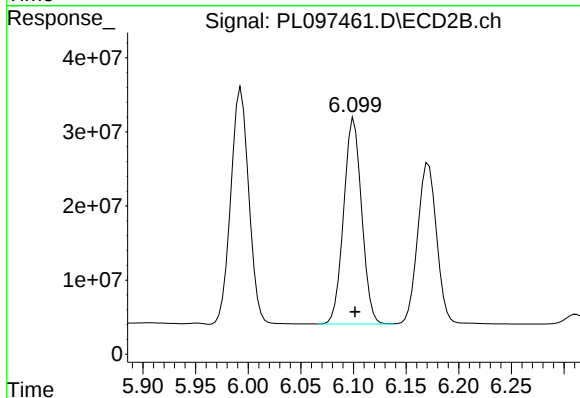
#17 4,4'-DDT

R.T.: 6.977 min
Delta R.T.: -0.002 min
Response: 235253993
Conc: 55.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

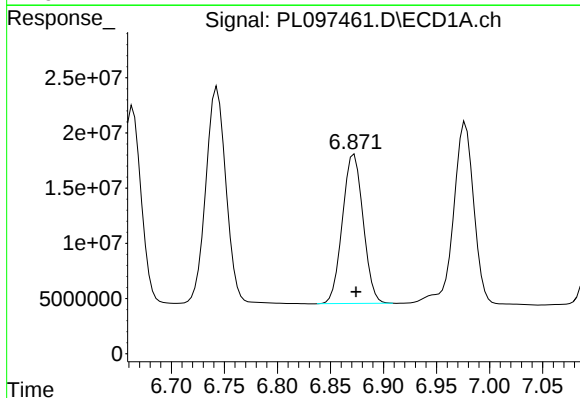
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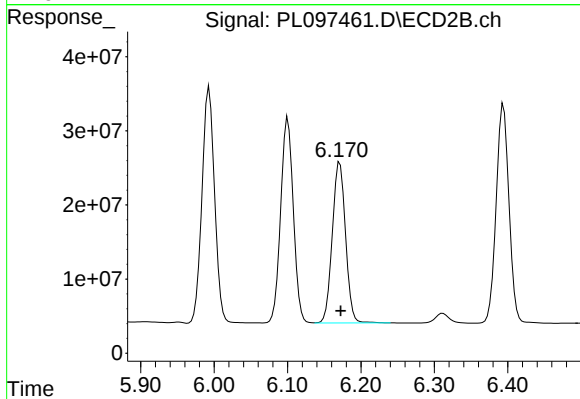
#17 4,4'-DDT

R.T.: 6.101 min
Delta R.T.: -0.001 min
Response: 331907206
Conc: 47.96 ng/ml



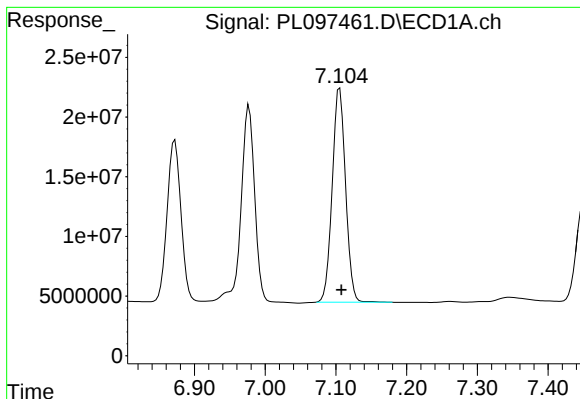
#18 Endrin aldehyde

R.T.: 6.871 min
Delta R.T.: -0.003 min
Response: 183522894
Conc: 59.53 ng/ml m



#18 Endrin aldehyde

R.T.: 6.171 min
Delta R.T.: -0.001 min
Response: 272437565
Conc: 51.04 ng/ml



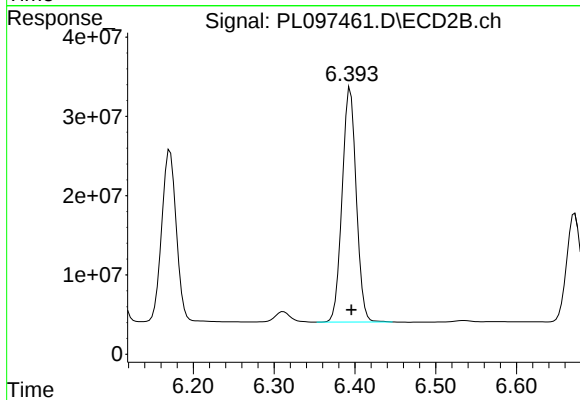
#19 Endosulfan Sulfate

R.T.: 7.105 min
Delta R.T.: -0.002 min
Response: 235222620
Conc: 57.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

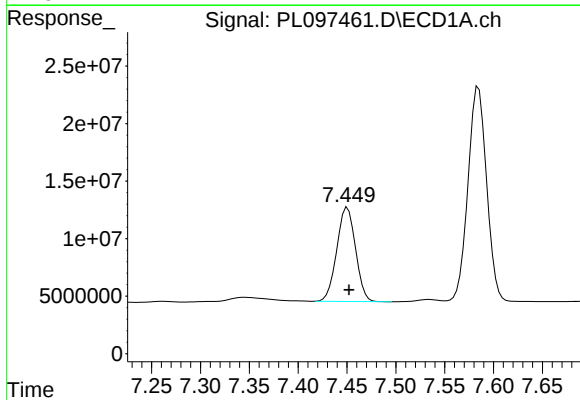
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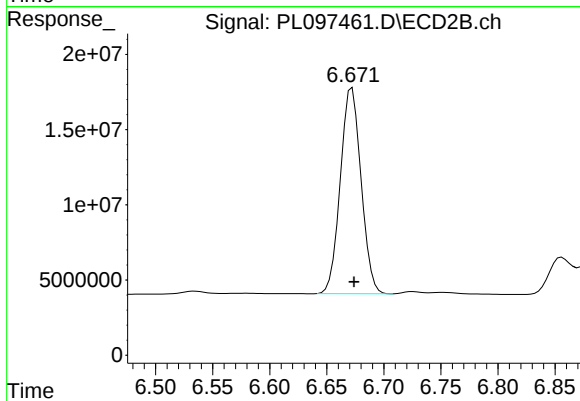
#19 Endosulfan Sulfate

R.T.: 6.394 min
Delta R.T.: -0.001 min
Response: 358607337
Conc: 52.35 ng/ml



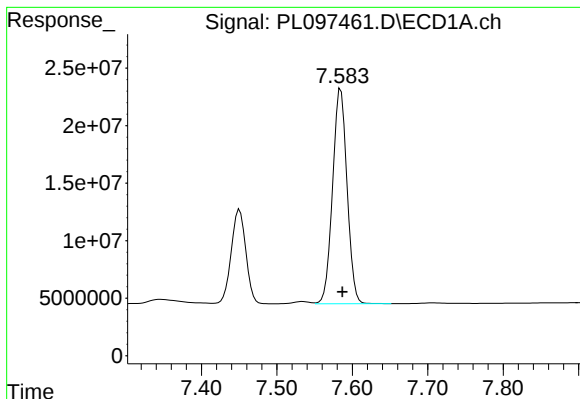
#20 Methoxychlor

R.T.: 7.451 min
Delta R.T.: -0.002 min
Response: 109312446
Conc: 52.42 ng/ml



#20 Methoxychlor

R.T.: 6.672 min
Delta R.T.: -0.002 min
Response: 173246490
Conc: 45.96 ng/ml



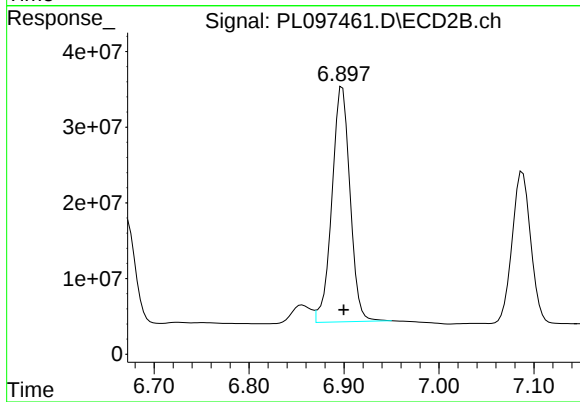
#21 Endrin ketone

R.T.: 7.585 min
Delta R.T.: -0.002 min
Response: 249014147
Conc: 58.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

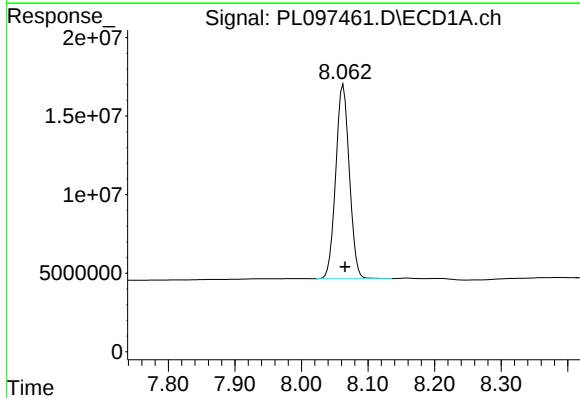
Manual Integrations
APPROVED

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



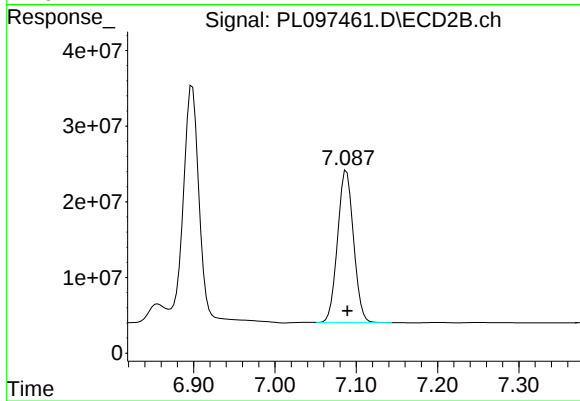
#21 Endrin ketone

R.T.: 6.898 min
Delta R.T.: -0.001 min
Response: 412702391
Conc: 54.81 ng/ml



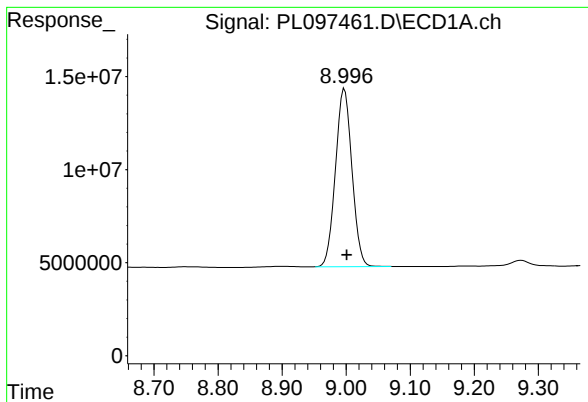
#22 Mirex

R.T.: 8.063 min
Delta R.T.: -0.002 min
Response: 175478220
Conc: 49.43 ng/ml



#22 Mirex

R.T.: 7.088 min
Delta R.T.: -0.001 min
Response: 273630157
Conc: 45.77 ng/ml



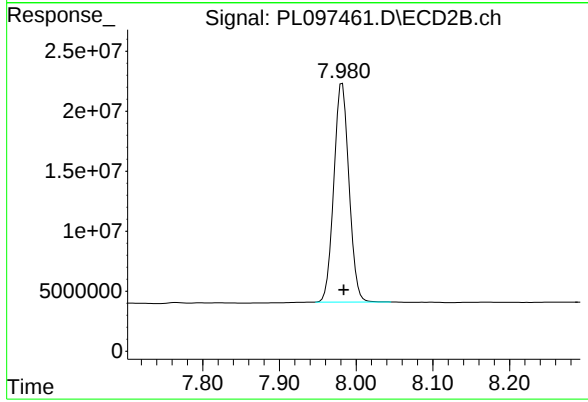
#28 Decachlorobiphenyl

R.T.: 8.997 min
Delta R.T.: -0.003 min
Response: 170704213
Conc: 52.17 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: 250195743
Conc: 43.96 ng/ml