

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080625\
 Data File : PL096721.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Aug 2025 13:35
 Operator : AR\AJ
 Sample : Q2772-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 500-3B-SOILMS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/07/2025
 Supervised By :mohammad ahmed 08/08/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 06 22:30:09 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 29 08:58:13 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...	3.531	2.827	44287945	65550993	13.924m	13.720
28)	SA Decachlor...	9.008	7.988	45428371	88897446	19.050	20.491
Target Compounds							
2)	A alpha-BHC	3.980	3.332	169.1E6	237.7E6	36.547	33.585
3)	MA gamma-BHC...	4.308	3.664	160.1E6	221.5E6	36.192	33.547
4)	MA Heptachlor	4.899	4.012	161.5E6	215.6E6	38.854	32.356
5)	MB Aldrin	5.239	4.293	157.3E6	211.1E6	36.566	34.017m
6)	B beta-BHC	4.493	3.960	74191148	92575422	41.104m	32.818
7)	B delta-BHC	4.739	4.193	150.6E6	214.9E6	37.751m	33.193
8)	B Heptachlo...	5.658	4.797	153.2E6	204.4E6	39.730	35.782
9)	A Endosulfan I	6.040	5.168	148.0E6	200.5E6	41.149	36.247
10)	B gamma-Chl...	5.912	5.048	158.1E6	213.4E6	41.555	36.291
11)	B alpha-Chl...	5.992	5.113	158.3E6	215.2E6	41.074	36.483
12)	B 4,4'-DDE	6.162	5.301	133.0E6	210.7E6	41.431	38.206
13)	MA Dieldrin	6.311	5.432	157.1E6	229.8E6	42.320	38.909
14)	MA Endrin	6.538	5.707	131.9E6	224.3E6	43.578	41.493
15)	B Endosulfa...	6.751	5.998	139.7E6	232.5E6	43.629	45.274
16)	A 4,4'-DDD	6.670	5.853	115.8E6	198.5E6	45.801	42.187
17)	MA 4,4'-DDT	6.984	6.106	133.8E6	228.3E6	46.641	45.128
18)	B Endrin al...	6.880	6.176	109.1E6	189.1E6	50.843	50.991
19)	B Endosulfa...	7.112	6.400	142.2E6	258.1E6	49.483	50.737
20)	A Methoxychlor	7.456	6.678	77726580	129.9E6	52.934m	47.403
21)	B Endrin ke...	7.592	6.903	146.1E6	274.8E6	48.596	49.335
22)	Mirex	8.071	7.094	122.5E6	222.9E6	49.396	51.102

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080625\
Data File : PL096721.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Aug 2025 13:35
Operator : AR\AJ
Sample : Q2772-01MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

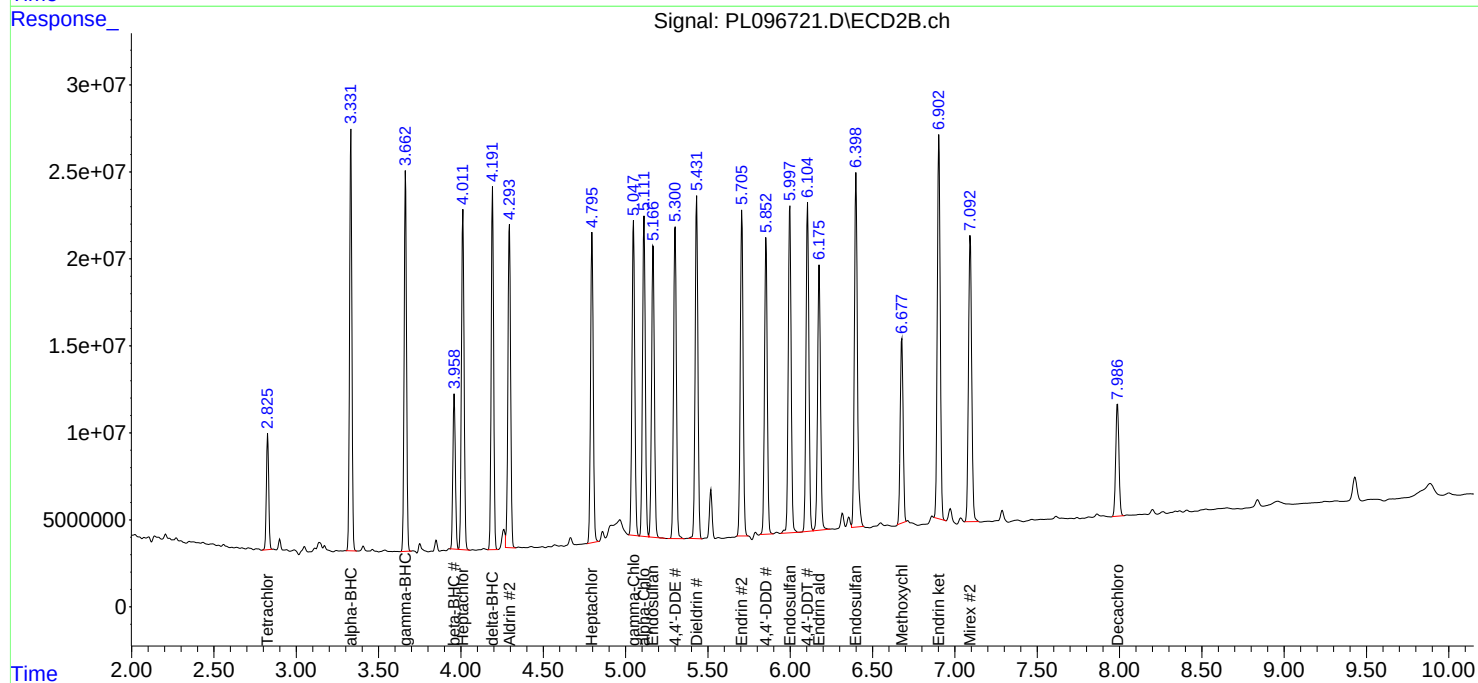
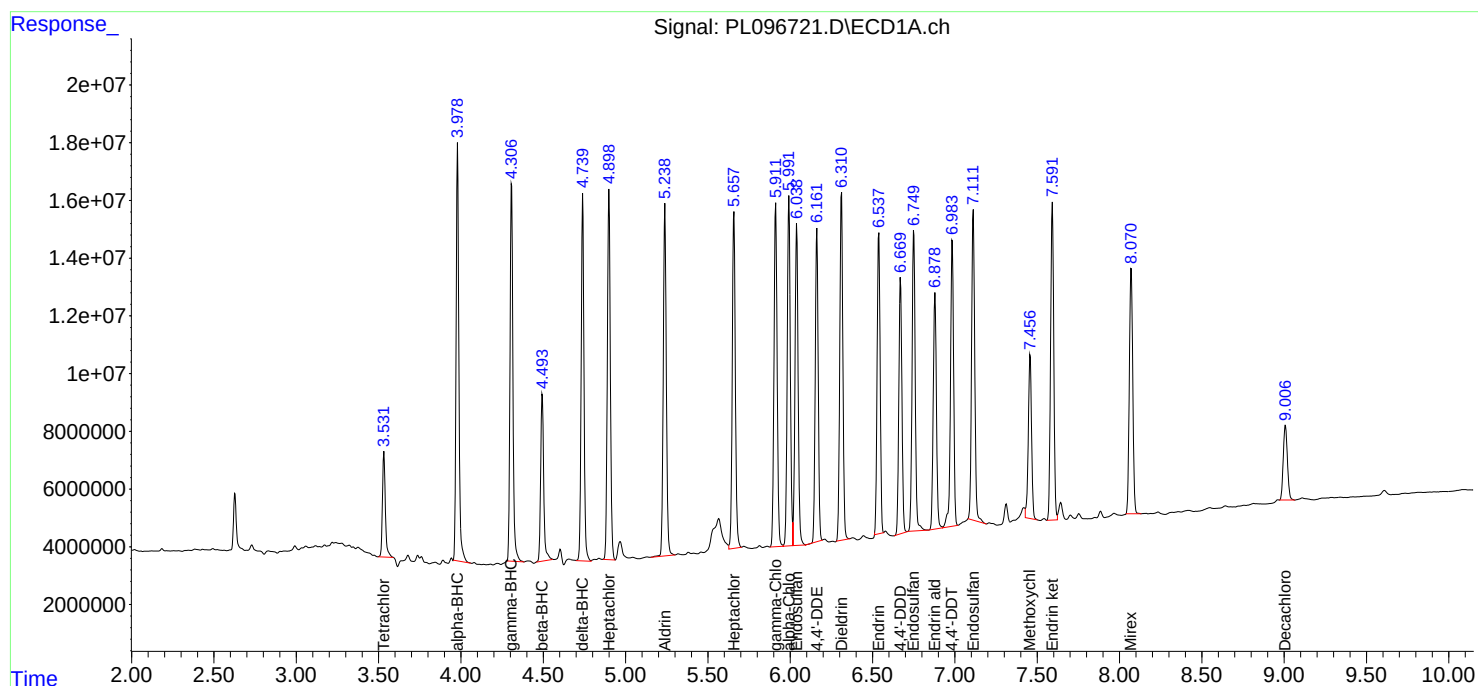
Instrument :
ECD_L
ClientSampleId :
500-3B-SOILMS

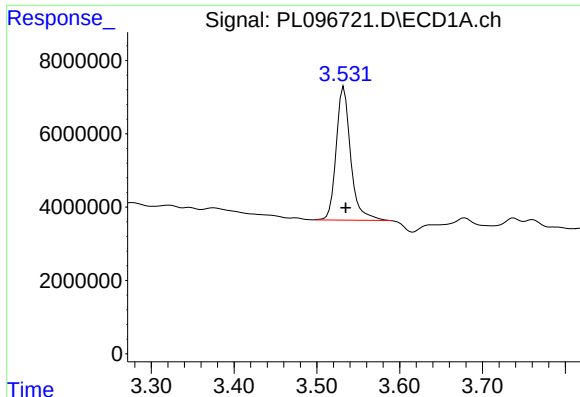
Manual Integrations
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Supervised By :mohammad ahmed 08/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 06 22:30:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
Quant Title : GC Extractables
QLast Update : Tue Jul 29 08:58:13 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





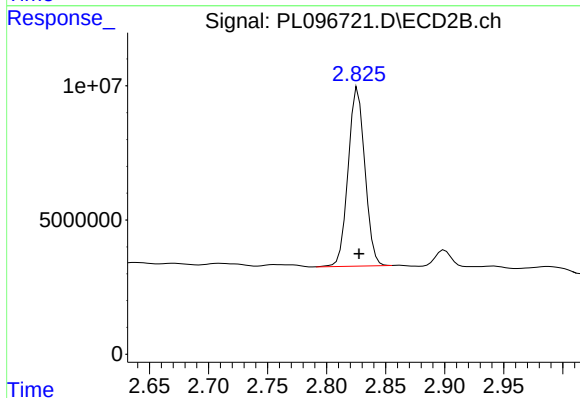
#1 Tetrachloro-m-xylene

R.T.: 3.531 min
Delta R.T.: -0.004 min
Response: 44287945
Conc: 13.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
500-3B-SOILMS

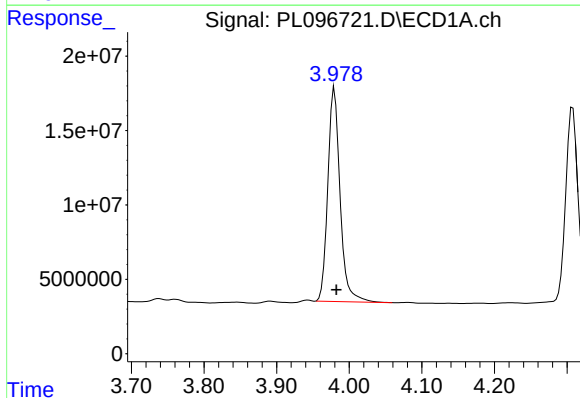
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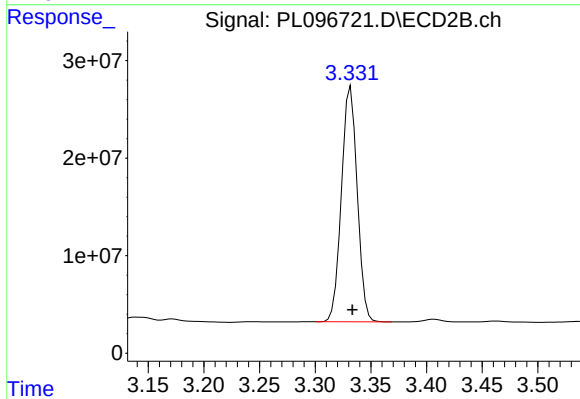
#1 Tetrachloro-m-xylene

R.T.: 2.827 min
Delta R.T.: -0.001 min
Response: 65550993
Conc: 13.72 ng/ml



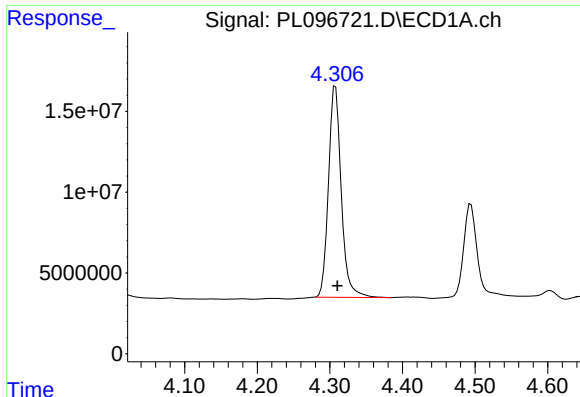
#2 alpha-BHC

R.T.: 3.980 min
Delta R.T.: -0.002 min
Response: 169081470
Conc: 36.55 ng/ml



#2 alpha-BHC

R.T.: 3.332 min
Delta R.T.: -0.001 min
Response: 237681145
Conc: 33.58 ng/ml



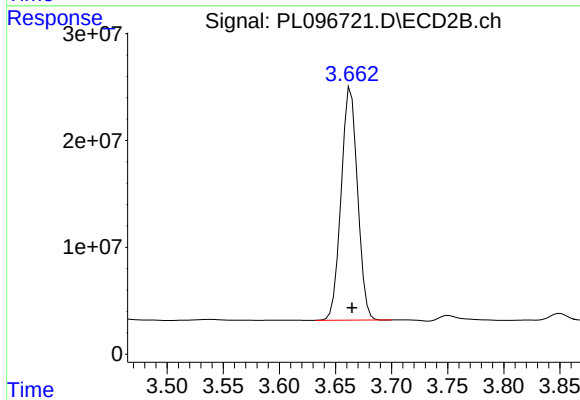
#3 gamma-BHC (Lindane)

R.T.: 4.308 min
Delta R.T.: -0.003 min
Response: 160093280
Conc: 36.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
500-3B-SOILMS

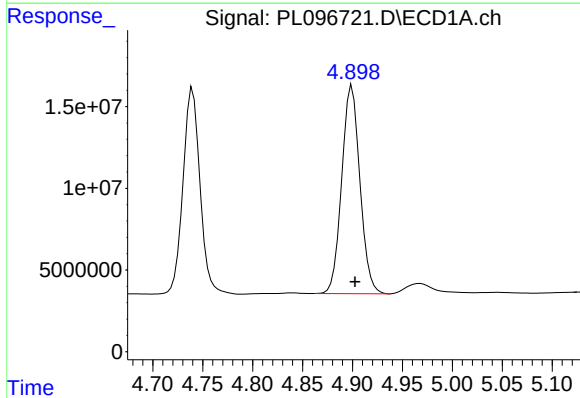
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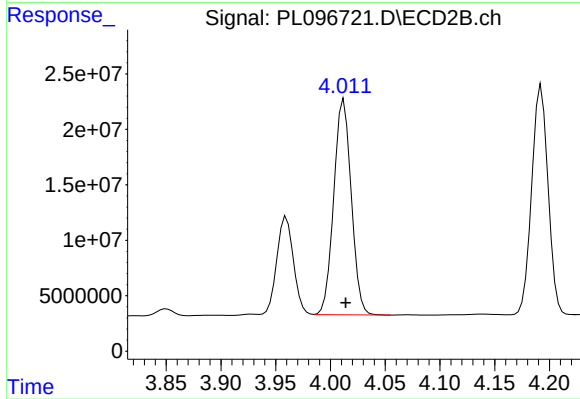
#3 gamma-BHC (Lindane)

R.T.: 3.664 min
Delta R.T.: -0.001 min
Response: 221522733
Conc: 33.55 ng/ml



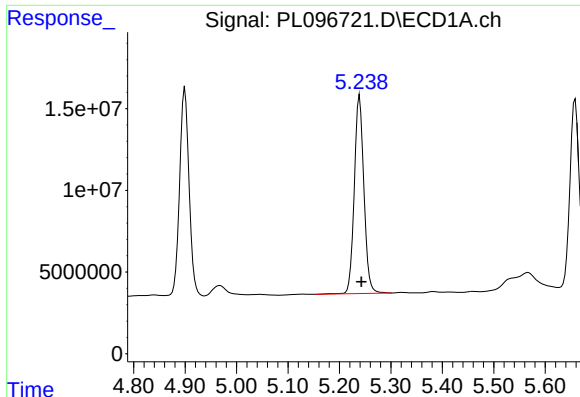
#4 Heptachlor

R.T.: 4.899 min
Delta R.T.: -0.003 min
Response: 161464685
Conc: 38.85 ng/ml



#4 Heptachlor

R.T.: 4.012 min
Delta R.T.: -0.002 min
Response: 215552188
Conc: 32.36 ng/ml



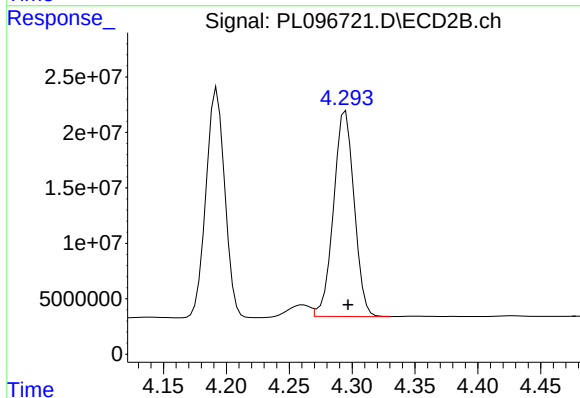
#5 Aldrin

R.T.: 5.239 min
Delta R.T.: -0.004 min
Response: 157269731
Conc: 36.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
500-3B-SOILMS

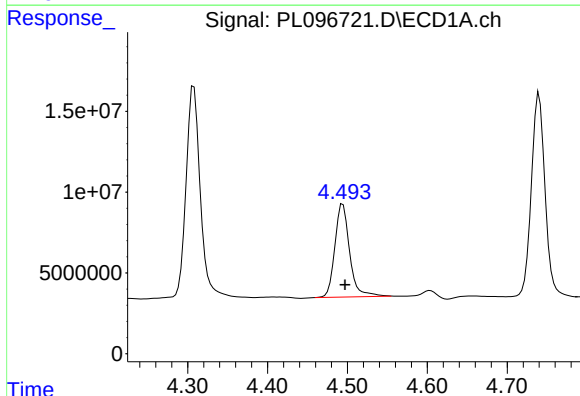
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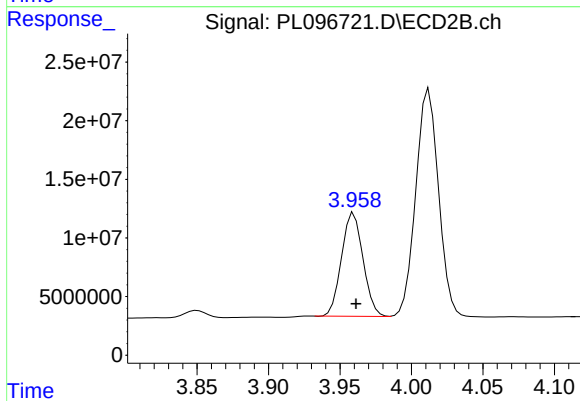
#5 Aldrin

R.T.: 4.293 min
Delta R.T.: -0.003 min
Response: 211147272
Conc: 34.02 ng/ml m



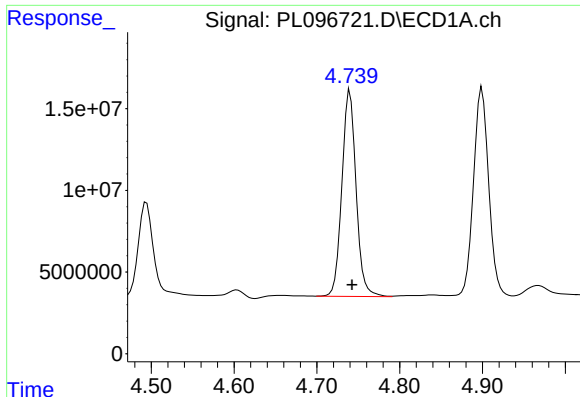
#6 beta-BHC

R.T.: 4.493 min
Delta R.T.: -0.004 min
Response: 74191148
Conc: 41.10 ng/ml m



#6 beta-BHC

R.T.: 3.960 min
Delta R.T.: -0.001 min
Response: 92575422
Conc: 32.82 ng/ml



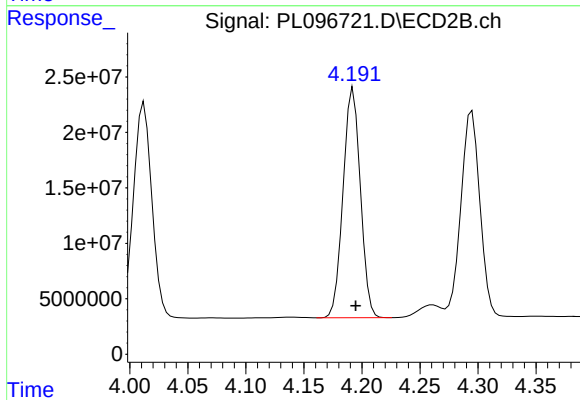
#7 delta-BHC

R.T.: 4.739 min
Delta R.T.: -0.004 min
Response: 150620911
Conc: 37.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
500-3B-SOILMS

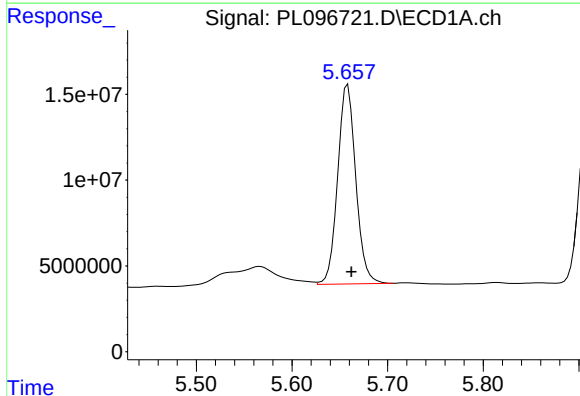
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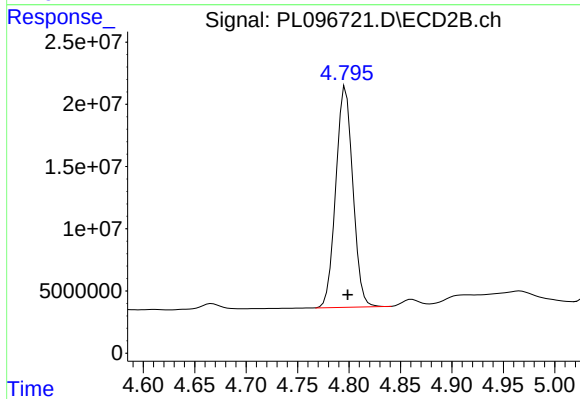
#7 delta-BHC

R.T.: 4.193 min
Delta R.T.: -0.002 min
Response: 214882020
Conc: 33.19 ng/ml



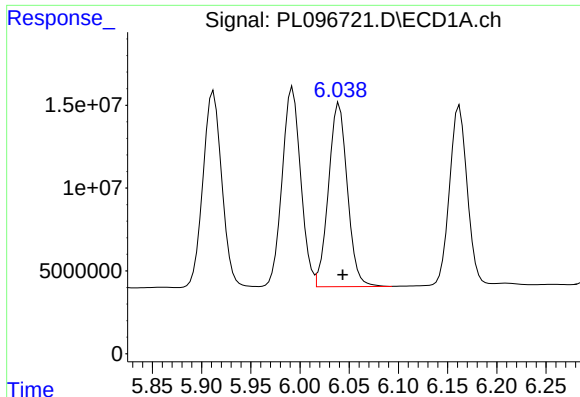
#8 Heptachlor epoxide

R.T.: 5.658 min
Delta R.T.: -0.004 min
Response: 153220851
Conc: 39.73 ng/ml



#8 Heptachlor epoxide

R.T.: 4.797 min
Delta R.T.: -0.002 min
Response: 204363764
Conc: 35.78 ng/ml



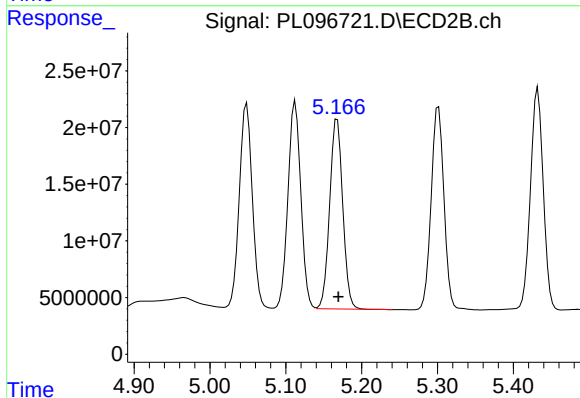
#9 Endosulfan I

R.T.: 6.040 min
Delta R.T.: -0.004 min
Response: 147985792
Conc: 41.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
500-3B-SOILMS

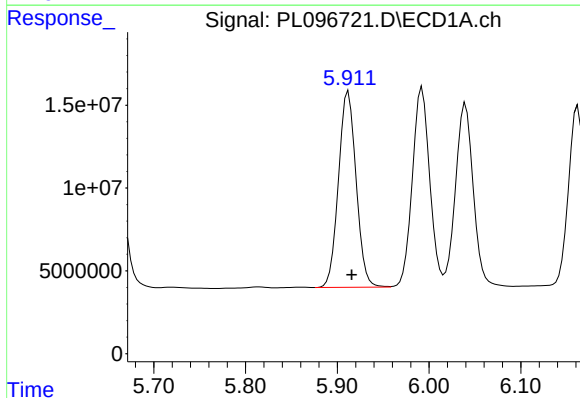
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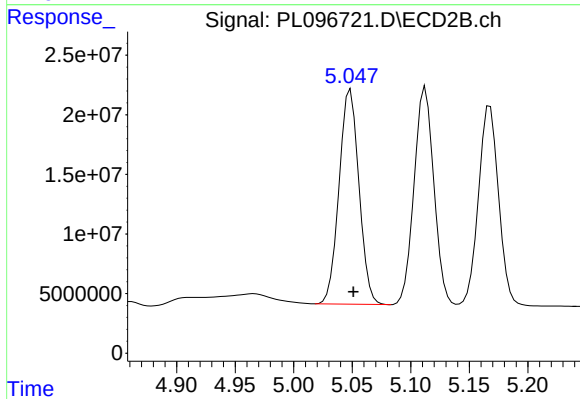
#9 Endosulfan I

R.T.: 5.168 min
Delta R.T.: -0.002 min
Response: 200499009
Conc: 36.25 ng/ml



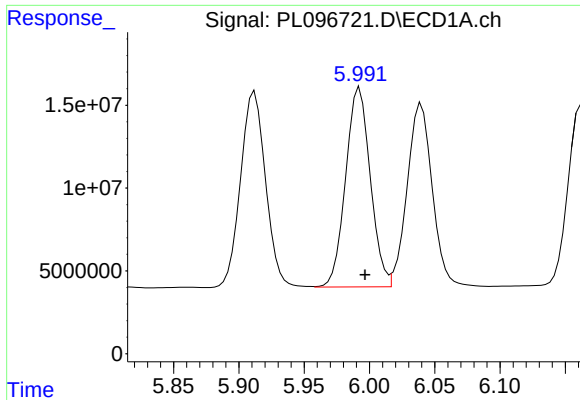
#10 gamma-Chlordane

R.T.: 5.912 min
Delta R.T.: -0.004 min
Response: 158126391
Conc: 41.55 ng/ml



#10 gamma-Chlordane

R.T.: 5.048 min
Delta R.T.: -0.002 min
Response: 213396427
Conc: 36.29 ng/ml



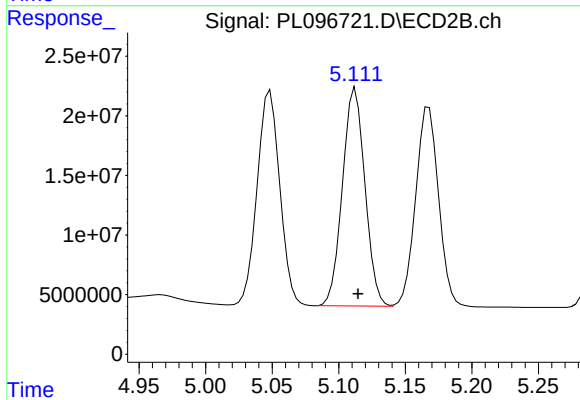
#11 alpha-Chlordane

R.T.: 5.992 min
Delta R.T.: -0.004 min
Response: 158326790
Conc: 41.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
500-3B-SOILMS

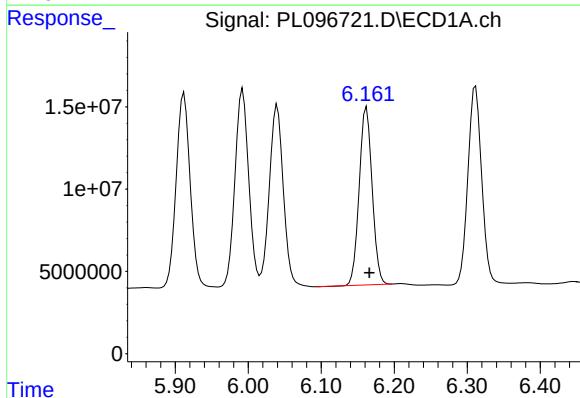
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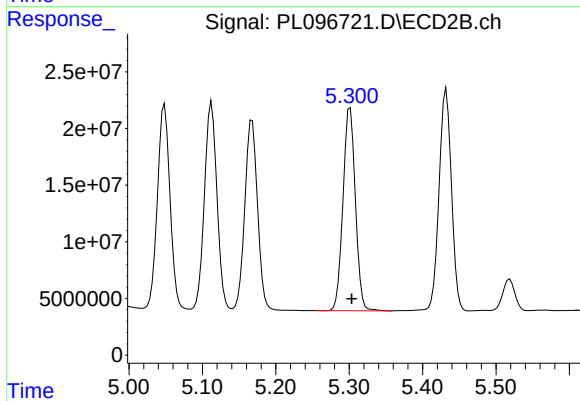
#11 alpha-Chlordane

R.T.: 5.113 min
Delta R.T.: -0.002 min
Response: 215211517
Conc: 36.48 ng/ml



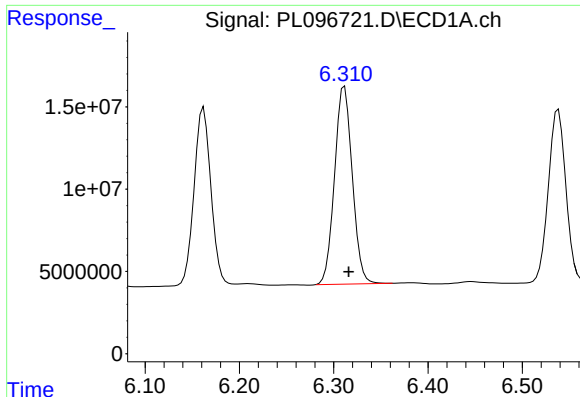
#12 4,4'-DDE

R.T.: 6.162 min
Delta R.T.: -0.004 min
Response: 133046356
Conc: 41.43 ng/ml



#12 4,4'-DDE

R.T.: 5.301 min
Delta R.T.: -0.002 min
Response: 210684192
Conc: 38.21 ng/ml



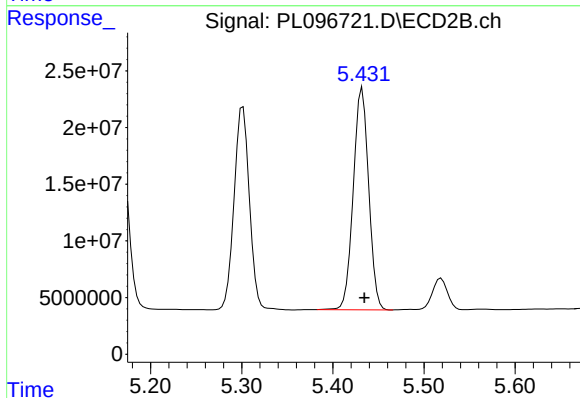
#13 Dieldrin

R.T.: 6.311 min
Delta R.T.: -0.004 min
Response: 157056124
Conc: 42.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
500-3B-SOILMS

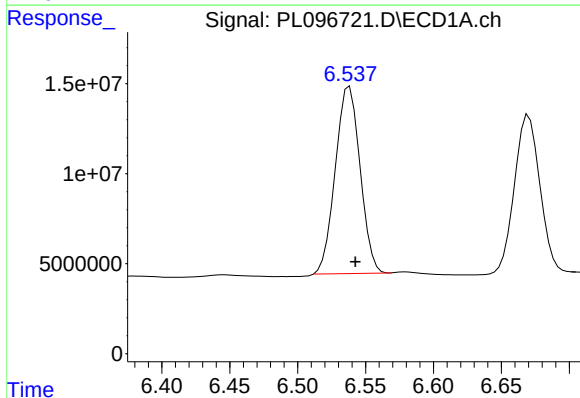
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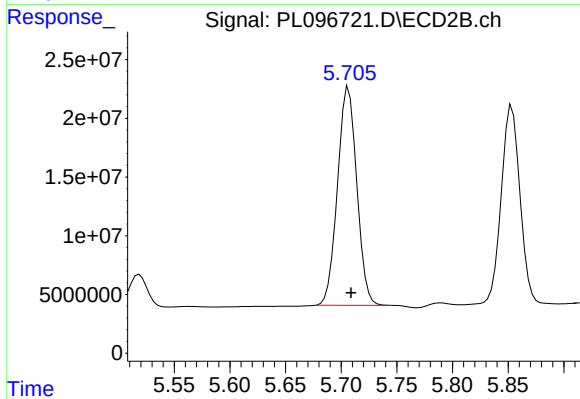
#13 Dieldrin

R.T.: 5.432 min
Delta R.T.: -0.002 min
Response: 229815917
Conc: 38.91 ng/ml



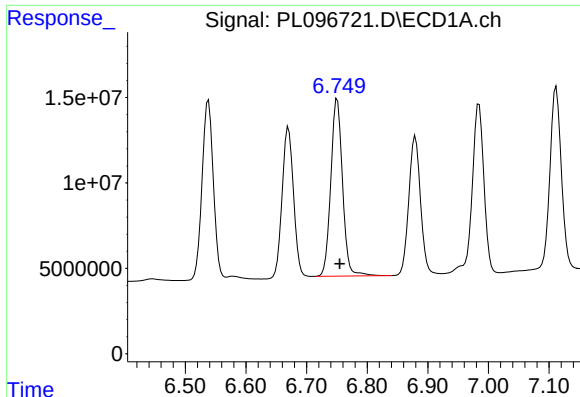
#14 Endrin

R.T.: 6.538 min
Delta R.T.: -0.004 min
Response: 131902406
Conc: 43.58 ng/ml



#14 Endrin

R.T.: 5.707 min
Delta R.T.: -0.002 min
Response: 224307383
Conc: 41.49 ng/ml



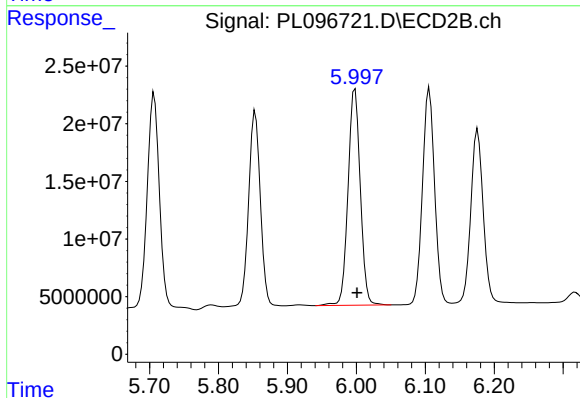
#15 Endosulfan II

R.T.: 6.751 min
Delta R.T.: -0.004 min
Response: 139726652
Conc: 43.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
500-3B-SOILMS

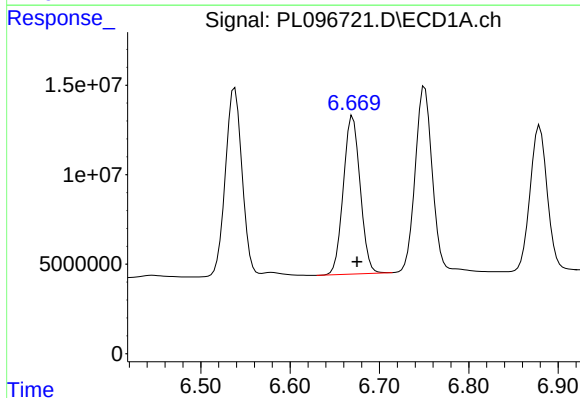
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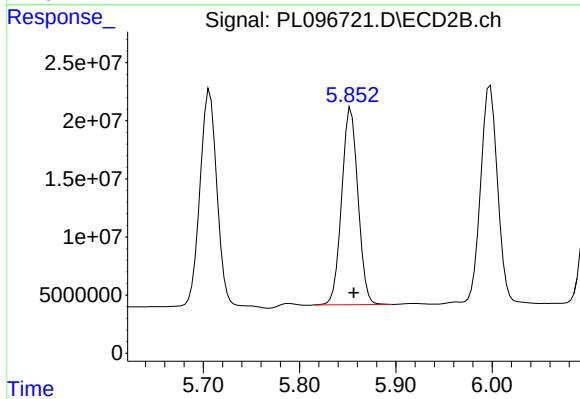
#15 Endosulfan II

R.T.: 5.998 min
Delta R.T.: -0.003 min
Response: 232537887
Conc: 45.27 ng/ml



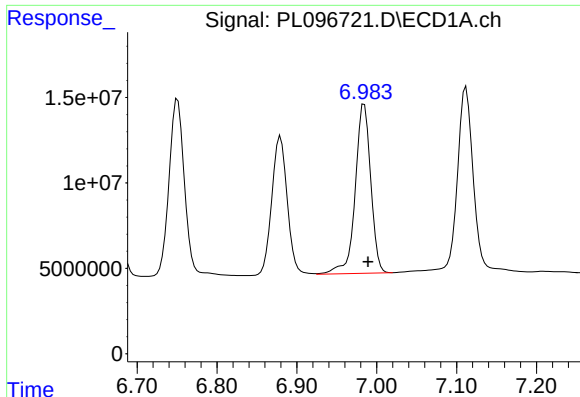
#16 4,4'-DDD

R.T.: 6.670 min
Delta R.T.: -0.005 min
Response: 115801744
Conc: 45.80 ng/ml



#16 4,4'-DDD

R.T.: 5.853 min
Delta R.T.: -0.003 min
Response: 198500615
Conc: 42.19 ng/ml



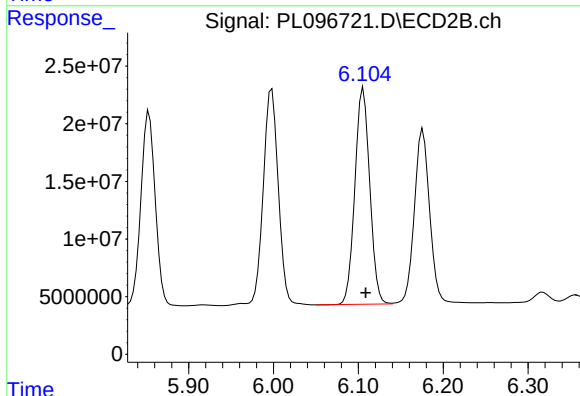
#17 4,4'-DDT

R.T.: 6.984 min
Delta R.T.: -0.005 min
Response: 133750597
Conc: 46.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
500-3B-SOILMS

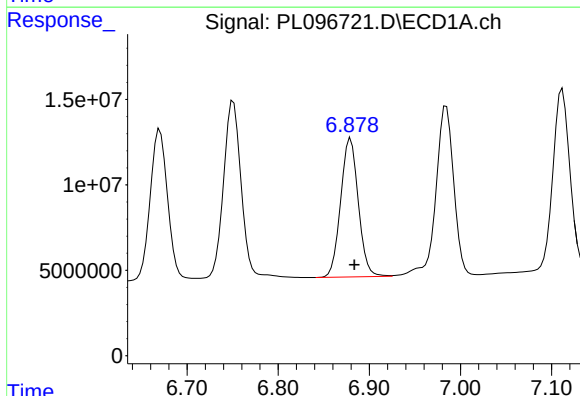
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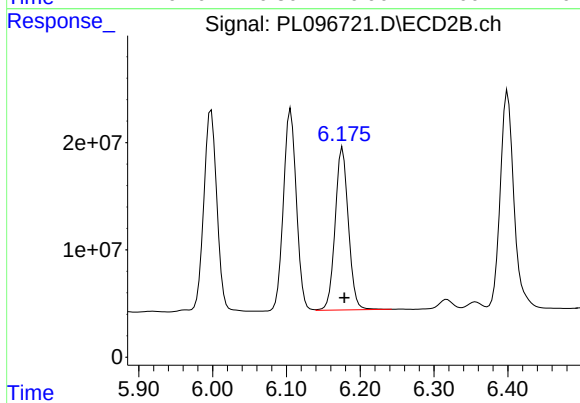
#17 4,4'-DDT

R.T.: 6.106 min
Delta R.T.: -0.003 min
Response: 228269779
Conc: 45.13 ng/ml



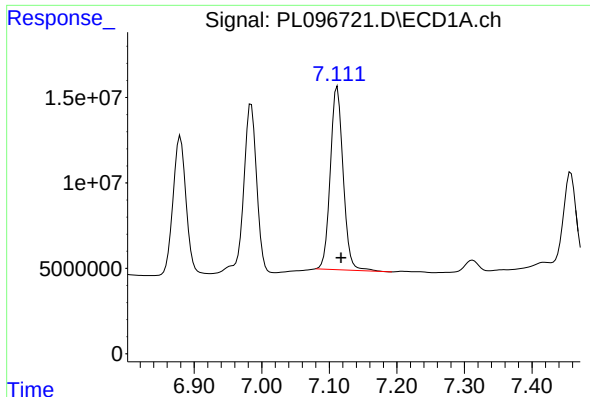
#18 Endrin aldehyde

R.T.: 6.880 min
Delta R.T.: -0.004 min
Response: 109104285
Conc: 50.84 ng/ml



#18 Endrin aldehyde

R.T.: 6.176 min
Delta R.T.: -0.003 min
Response: 189115825
Conc: 50.99 ng/ml



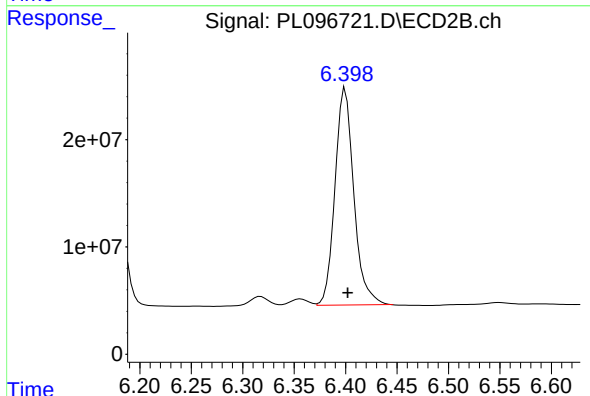
#19 Endosulfan Sulfate

R.T.: 7.112 min
Delta R.T.: -0.006 min
Response: 142199795
Conc: 49.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
500-3B-SOILMS

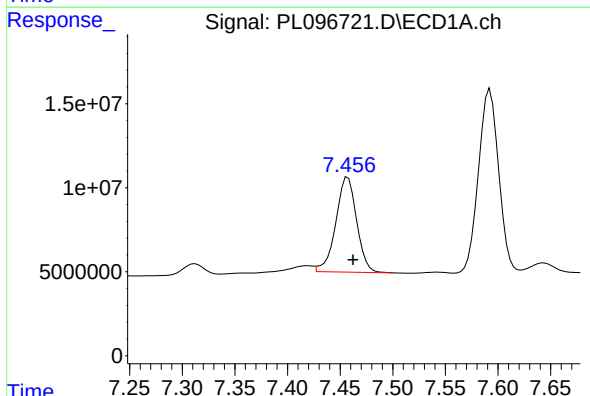
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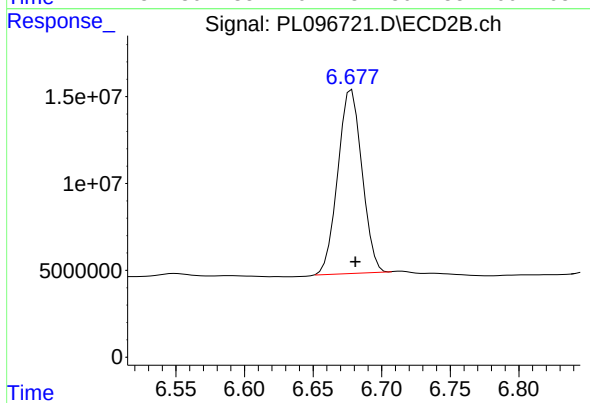
#19 Endosulfan Sulfate

R.T.: 6.400 min
Delta R.T.: -0.002 min
Response: 258060019
Conc: 50.74 ng/ml



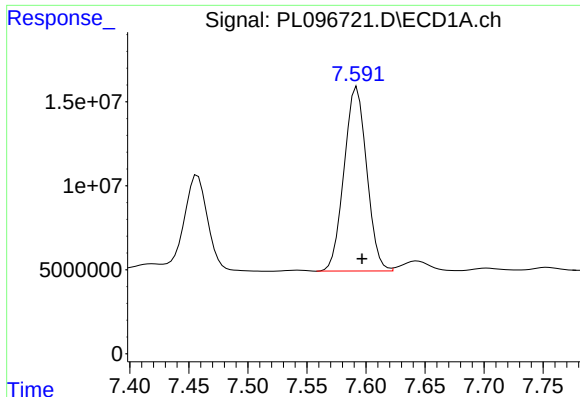
#20 Methoxychlor

R.T.: 7.456 min
Delta R.T.: -0.006 min
Response: 77726580
Conc: 52.93 ng/ml m



#20 Methoxychlor

R.T.: 6.678 min
Delta R.T.: -0.003 min
Response: 129906570
Conc: 47.40 ng/ml



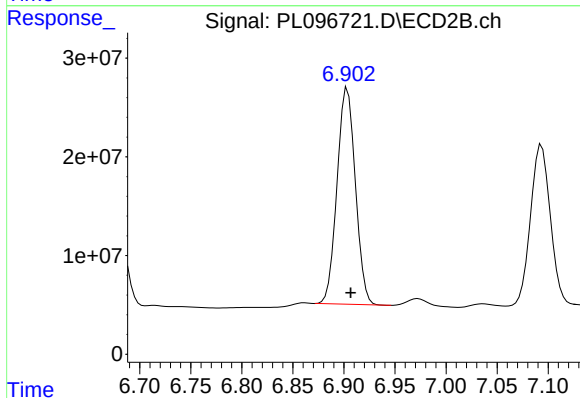
#21 Endrin ketone

R.T.: 7.592 min
Delta R.T.: -0.004 min
Response: 146114541
Conc: 48.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
500-3B-SOILMS

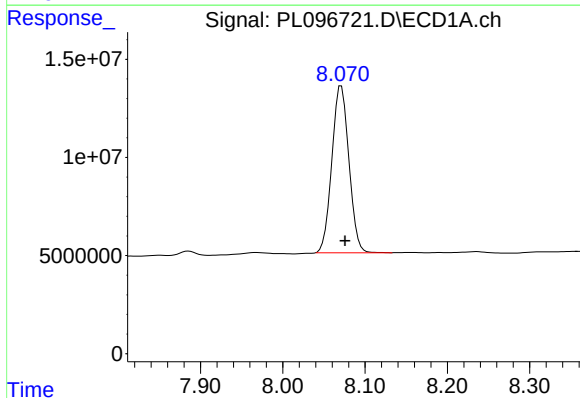
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/07/2025
Supervised By :mohammad ahmed 08/08/2025



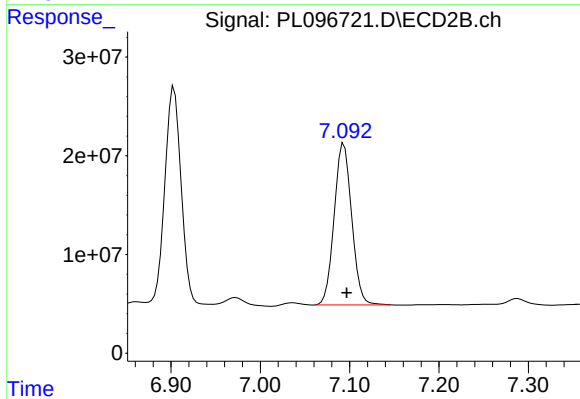
#21 Endrin ketone

R.T.: 6.903 min
Delta R.T.: -0.003 min
Response: 274784268
Conc: 49.34 ng/ml



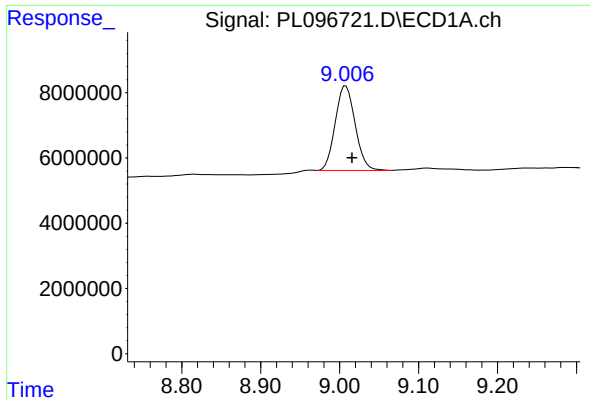
#22 Mirex

R.T.: 8.071 min
Delta R.T.: -0.005 min
Response: 122469517
Conc: 49.40 ng/ml



#22 Mirex

R.T.: 7.094 min
Delta R.T.: -0.003 min
Response: 222850385
Conc: 51.10 ng/ml



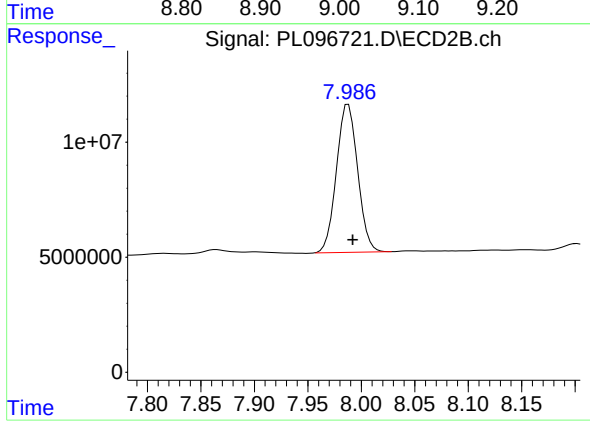
#28 Decachlorobiphenyl

R.T.: 9.008 min
Delta R.T.: -0.008 min
Response: 45428371
Conc: 19.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
500-3B-SOILMS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.988 min
Delta R.T.: -0.004 min
Response: 88897446
Conc: 20.49 ng/ml