

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082725\
 Data File : PL096985.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Aug 2025 19:00
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/27/2025
 Supervised By : mohammad ahmed 08/28/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 27 01:33:53 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082025.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 21 06:34:01 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...	3.530	2.825	169.9E6	248.0E6	43.088	43.996
28)	SA Decachlor...	9.004	7.986	135.3E6	240.6E6	45.713	50.166
Target Compounds							
2)	A alpha-BHC	3.977	3.331	262.4E6	383.8E6	45.289	46.735
3)	MA gamma-BHC...	4.305	3.662	246.1E6	356.5E6	45.060	48.393
4)	MA Heptachlor	4.896	4.011	240.4E6	349.6E6	45.079	46.458
5)	MB Aldrin	5.235	4.293	237.0E6	335.9E6	45.106	47.757
6)	B beta-BHC	4.492	3.958	101.5E6	152.7E6	44.365	46.803
7)	B delta-BHC	4.737	4.191	228.9E6	350.9E6	50.864	47.752
8)	B Heptachlo...	5.655	4.795	218.7E6	308.1E6	42.493	48.712
9)	A Endosulfan I	6.036	5.166	197.0E6	284.1E6	45.859	47.424
10)	B gamma-Chl...	5.908	5.047	213.2E6	319.0E6	46.302	48.245
11)	B alpha-Chl...	5.989	5.111	212.6E6	312.5E6	45.171	47.862
12)	B 4,4'-DDE	6.158	5.299	180.9E6	296.3E6	45.340	48.147
13)	MA Dieldrin	6.308	5.429	209.7E6	318.2E6	46.191	48.561m
14)	MA Endrin	6.535	5.705	166.3E6	281.2E6	44.416	47.601
15)	B Endosulfa...	6.748	5.997	186.5E6	278.4E6	42.343	48.681
16)	A 4,4'-DDD	6.667	5.852	153.8E6	263.9E6	48.722	50.529
17)	MA 4,4'-DDT	6.982	6.104	146.9E6	242.7E6	41.943	44.307
18)	B Endrin al...	6.876	6.175	128.0E6	205.0E6	49.196	49.245
19)	B Endosulfa...	7.109	6.398	163.4E6	273.9E6	47.578	48.890
20)	A Methoxychlor	7.454	6.676	73164288	134.5E6	42.158	44.846
21)	B Endrin ke...	7.589	6.902	178.7E6	324.1E6	50.276	51.777
22)	Mirex	8.068	7.092	141.5E6	239.0E6	47.286	49.204

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082725\
Data File : PL096985.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Aug 2025 19:00
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

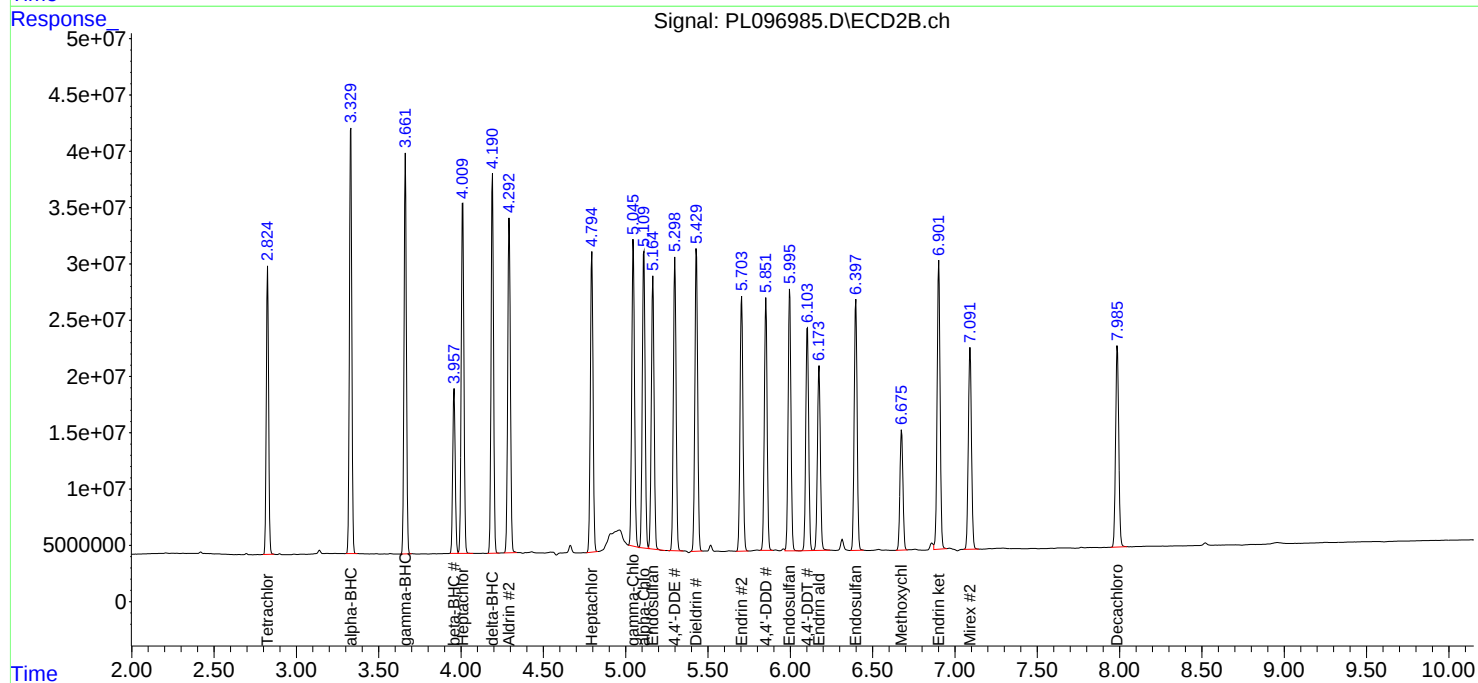
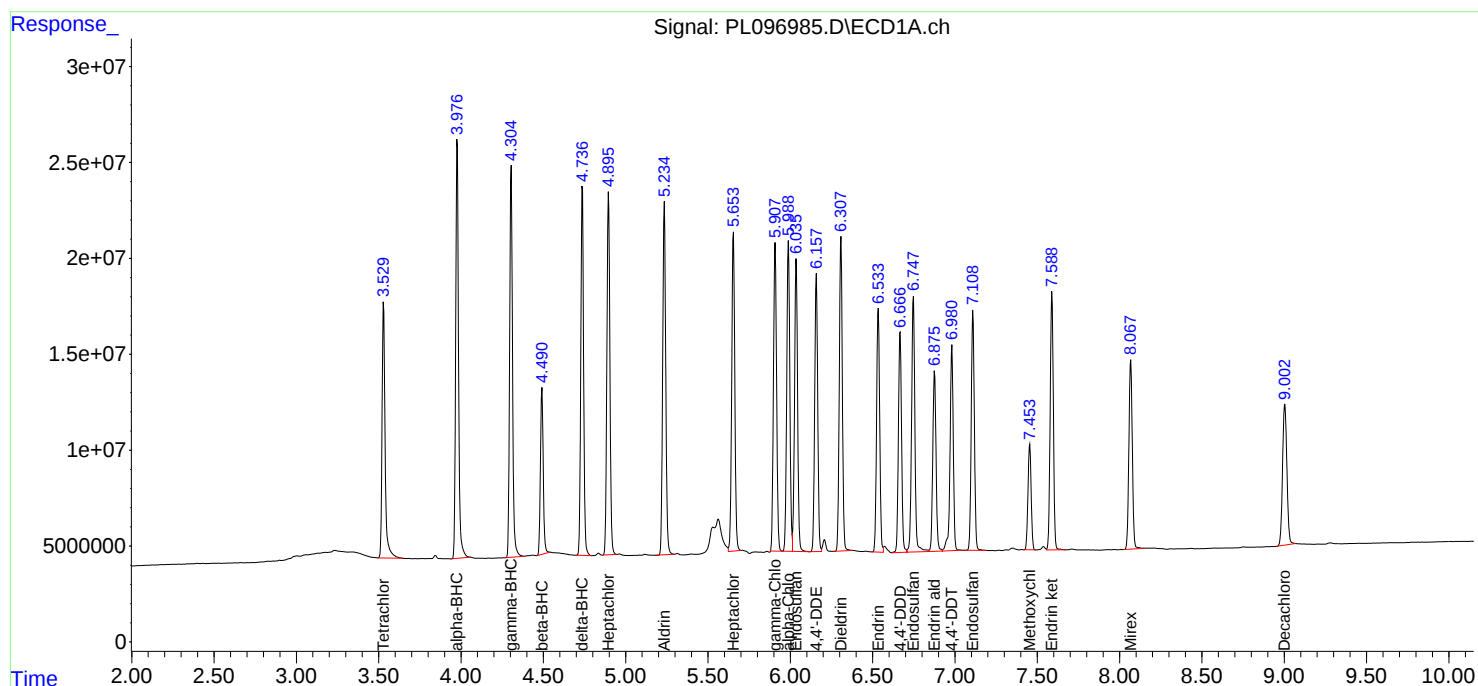
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

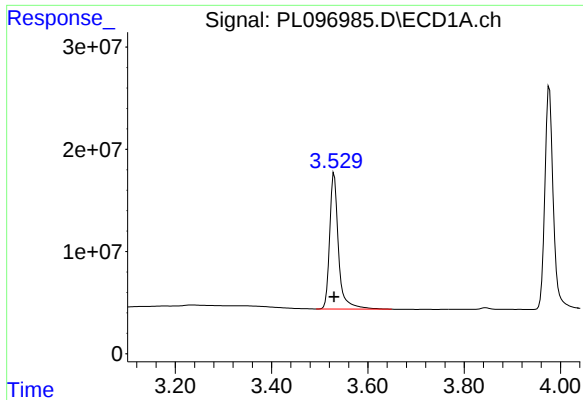
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/27/2025
Supervised By :mohammad ahmed 08/28/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 27 01:33:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082025.M
Quant Title : GC Extractables
QLast Update : Thu Aug 21 06:34:01 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.: 3.530 min
Delta R.T.: 0.000 min
Response: 169931313
Conc: 43.09 ng/ml

Instrument :

ECD_L

ClientSampleId :

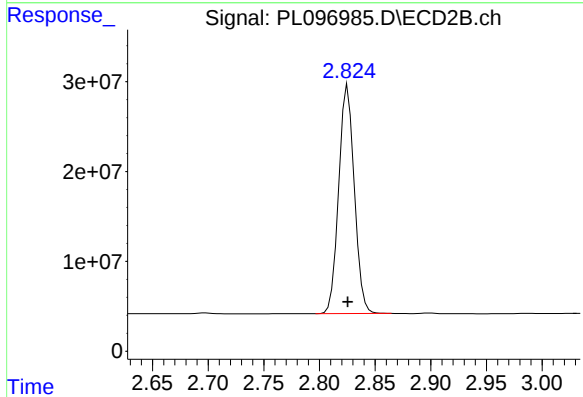
PSTDCCC050

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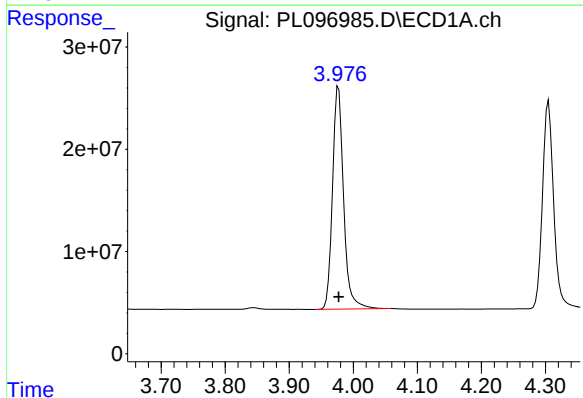
Reviewed By :Abdul Mirza 08/27/2025

Supervised By :mohammad ahmed 08/28/2025



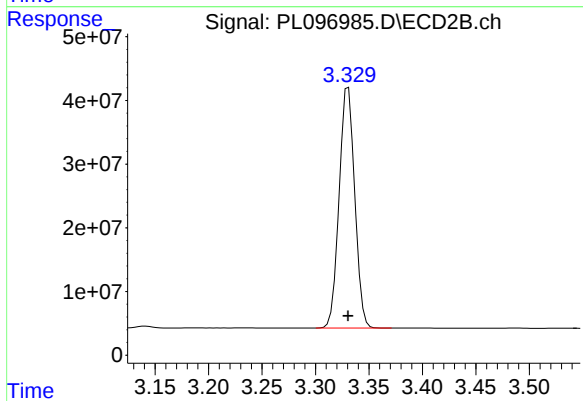
#1 Tetrachloro-m-xylene

R.T.: 2.825 min
Delta R.T.: 0.000 min
Response: 247989625
Conc: 44.00 ng/ml



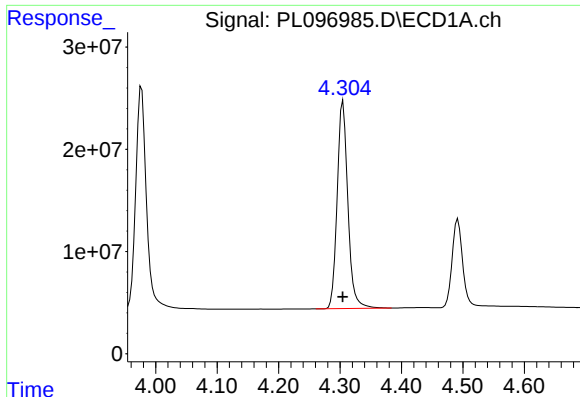
#2 alpha-BHC

R.T.: 3.977 min
Delta R.T.: 0.000 min
Response: 262403097
Conc: 45.29 ng/ml



#2 alpha-BHC

R.T.: 3.331 min
Delta R.T.: 0.000 min
Response: 383751205
Conc: 46.73 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.305 min
Delta R.T.: 0.000 min
Response: 246105750
Conc: 45.06 ng/ml

Instrument :

ECD_L

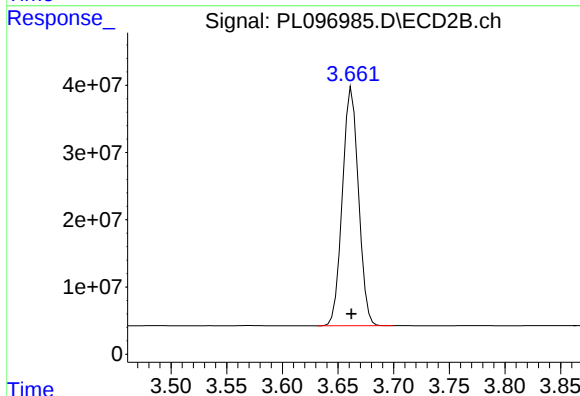
ClientSampleId :

PSTDCCC050

Manual Integrations

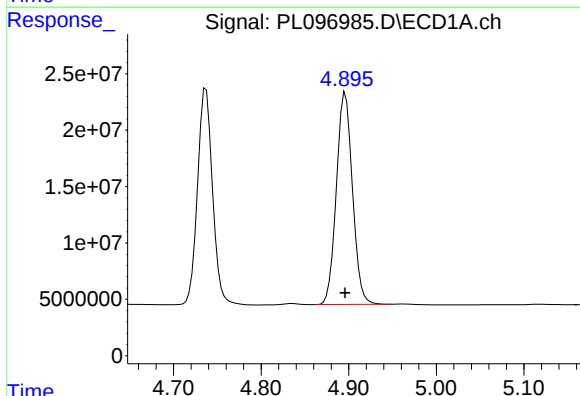
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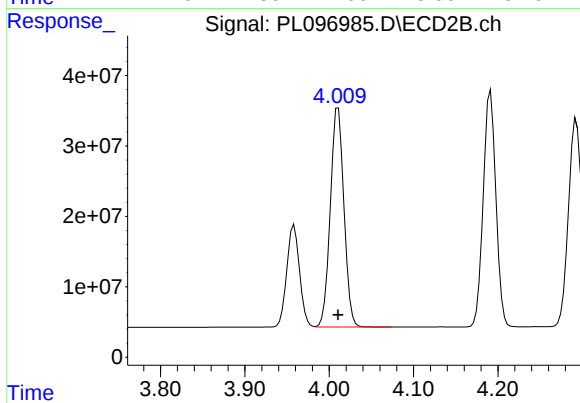
#3 gamma-BHC (Lindane)

R.T.: 3.662 min
Delta R.T.: 0.000 min
Response: 356489564
Conc: 48.39 ng/ml



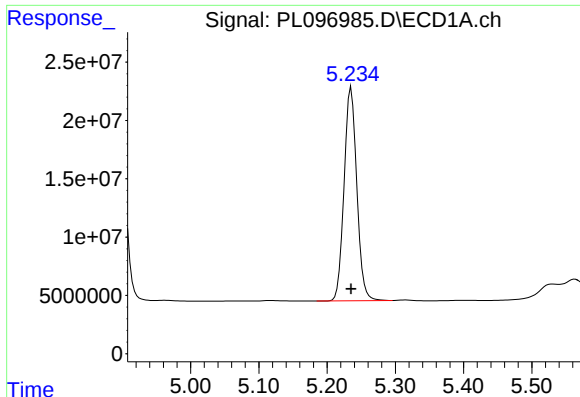
#4 Heptachlor

R.T.: 4.896 min
Delta R.T.: 0.000 min
Response: 240377800
Conc: 45.08 ng/ml



#4 Heptachlor

R.T.: 4.011 min
Delta R.T.: 0.000 min
Response: 349556170
Conc: 46.46 ng/ml



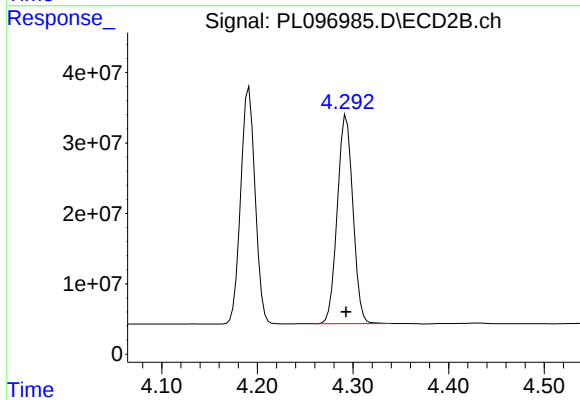
#5 Aldrin

R.T.: 5.235 min
Delta R.T.: 0.000 min
Response: 236962083
Conc: 45.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

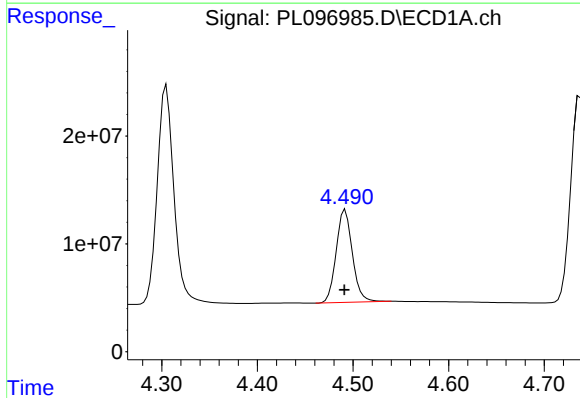
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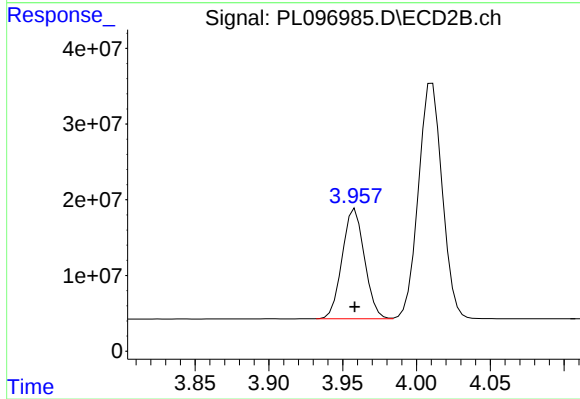
#5 Aldrin

R.T.: 4.293 min
Delta R.T.: 0.000 min
Response: 335865258
Conc: 47.76 ng/ml



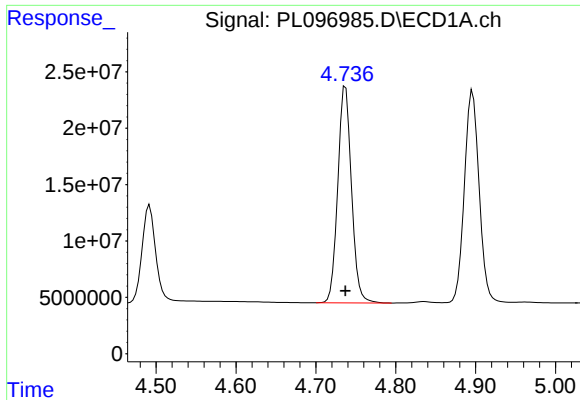
#6 beta-BHC

R.T.: 4.492 min
Delta R.T.: 0.000 min
Response: 101464267
Conc: 44.36 ng/ml



#6 beta-BHC

R.T.: 3.958 min
Delta R.T.: 0.000 min
Response: 152684827
Conc: 46.80 ng/ml



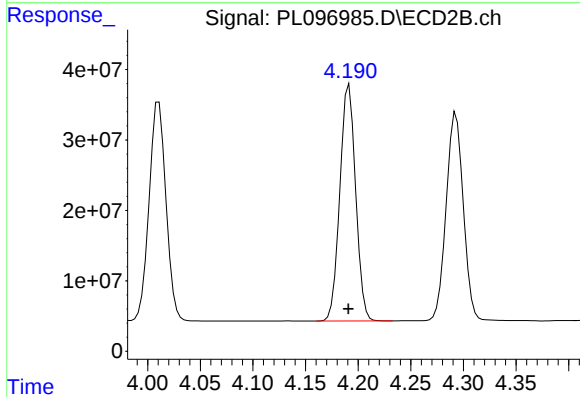
#7 delta-BHC

R.T.: 4.737 min
Delta R.T.: 0.000 min
Response: 228887384
Conc: 50.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

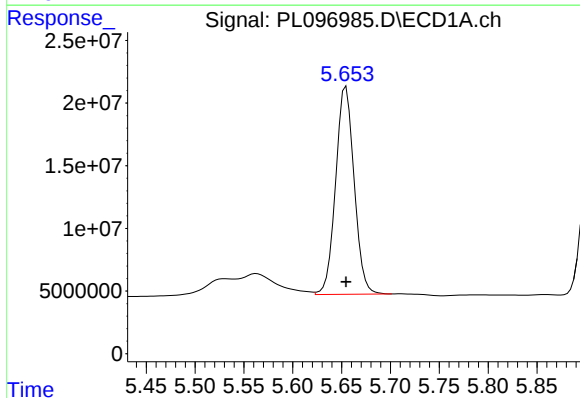
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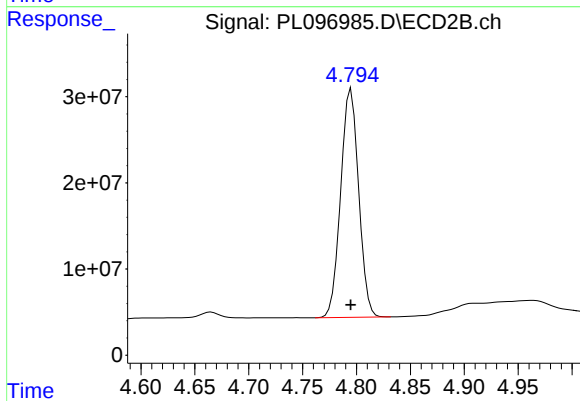
#7 delta-BHC

R.T.: 4.191 min
Delta R.T.: 0.000 min
Response: 350924848
Conc: 47.75 ng/ml



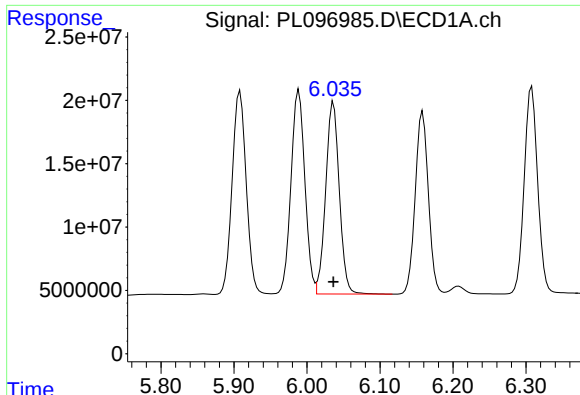
#8 Heptachlor epoxide

R.T.: 5.655 min
Delta R.T.: 0.000 min
Response: 218660918
Conc: 42.49 ng/ml



#8 Heptachlor epoxide

R.T.: 4.795 min
Delta R.T.: 0.000 min
Response: 308102771
Conc: 48.71 ng/ml



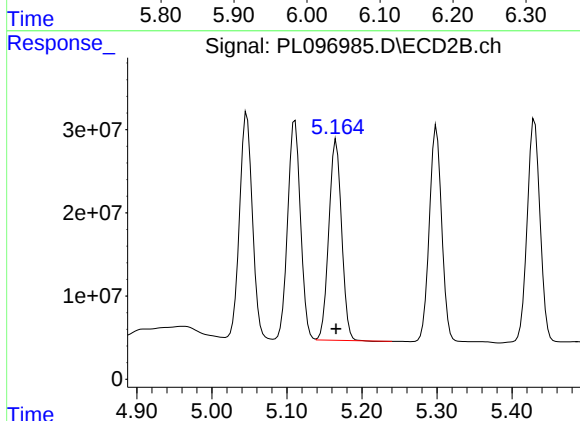
#9 Endosulfan I

R.T.: 6.036 min
Delta R.T.: 0.000 min
Response: 197046700
Conc: 45.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

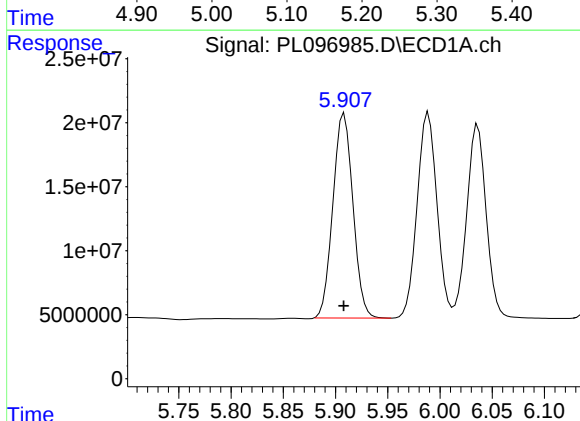
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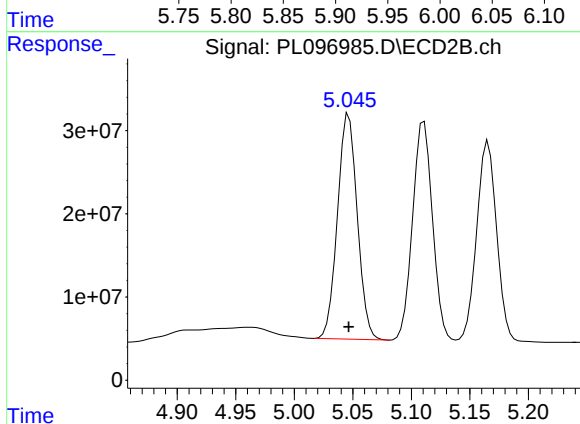
#9 Endosulfan I

R.T.: 5.166 min
Delta R.T.: 0.000 min
Response: 284131639
Conc: 47.42 ng/ml



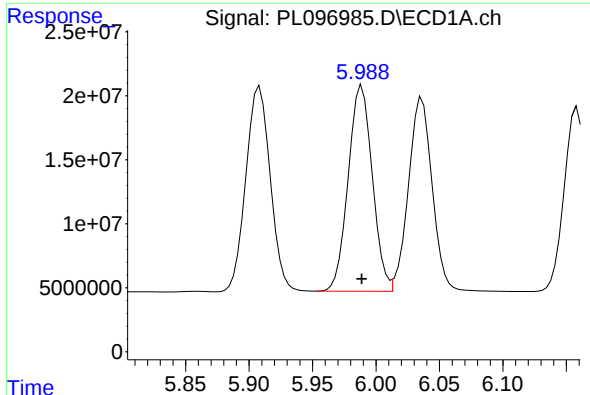
#10 gamma-Chlordane

R.T.: 5.908 min
Delta R.T.: 0.000 min
Response: 213240734
Conc: 46.30 ng/ml



#10 gamma-Chlordane

R.T.: 5.047 min
Delta R.T.: 0.000 min
Response: 318952487
Conc: 48.25 ng/ml



#11 alpha-Chlordane

R.T.: 5.989 min
Delta R.T.: 0.000 min
Response: 212571536
Conc: 45.17 ng/ml

Instrument :

ECD_L

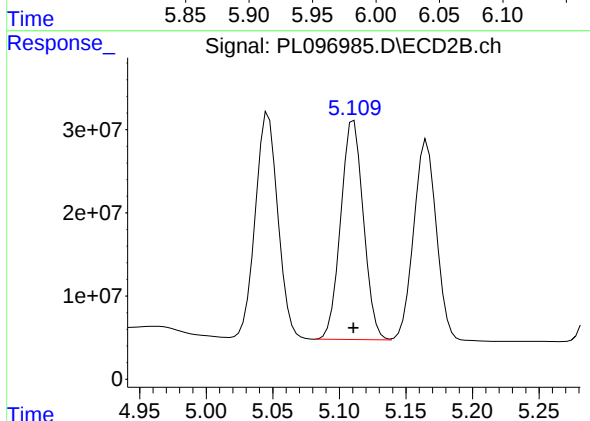
ClientSampleId :

PSTDCCC050

Manual Integrations

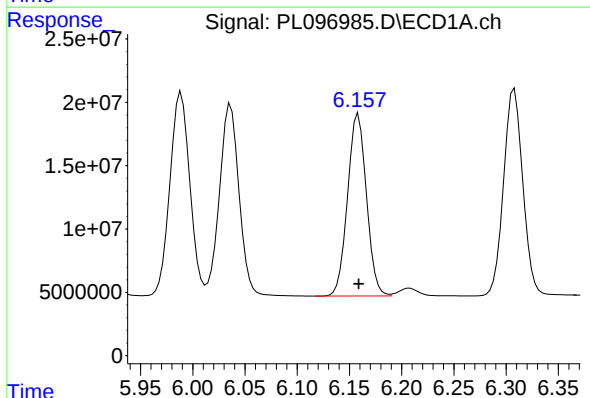
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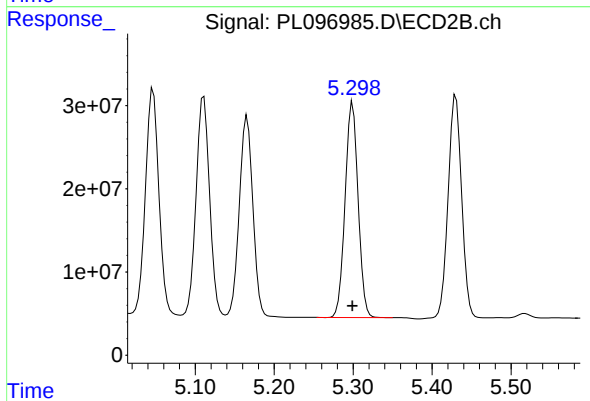
#11 alpha-Chlordane

R.T.: 5.111 min
Delta R.T.: 0.000 min
Response: 312527482
Conc: 47.86 ng/ml



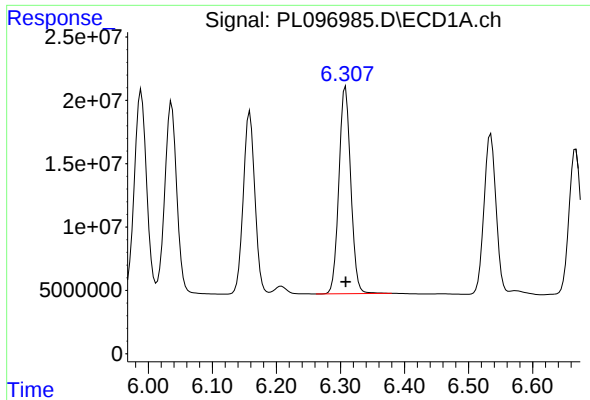
#12 4,4'-DDE

R.T.: 6.158 min
Delta R.T.: 0.000 min
Response: 180912338
Conc: 45.34 ng/ml



#12 4,4'-DDE

R.T.: 5.299 min
Delta R.T.: 0.000 min
Response: 296333866
Conc: 48.15 ng/ml



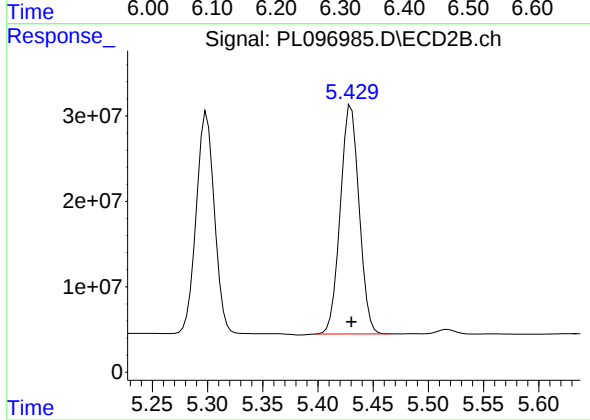
#13 Dieldrin

R.T.: 6.308 min
Delta R.T.: 0.000 min
Response: 209747728
Conc: 46.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

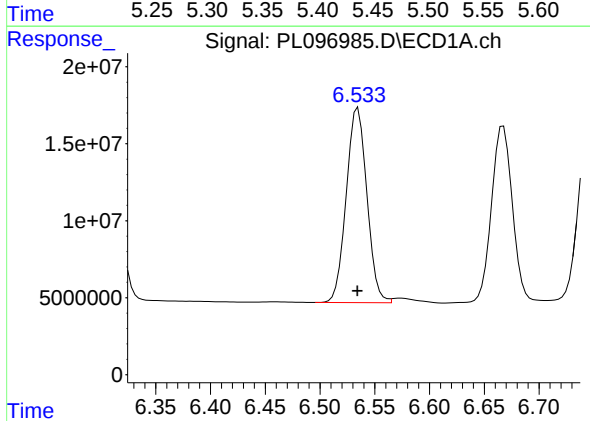
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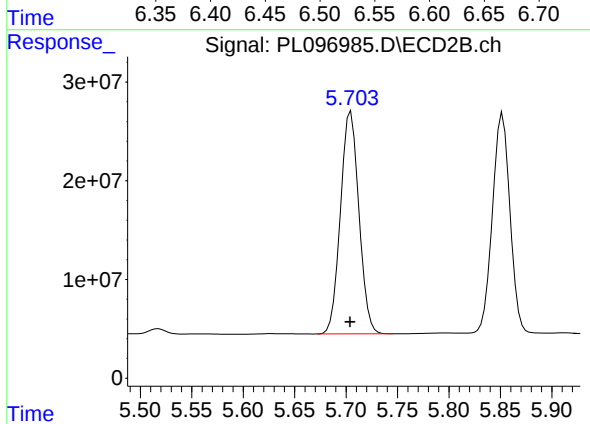
#13 Dieldrin

R.T.: 5.429 min
Delta R.T.: -0.002 min
Response: 318219490
Conc: 48.56 ng/ml m



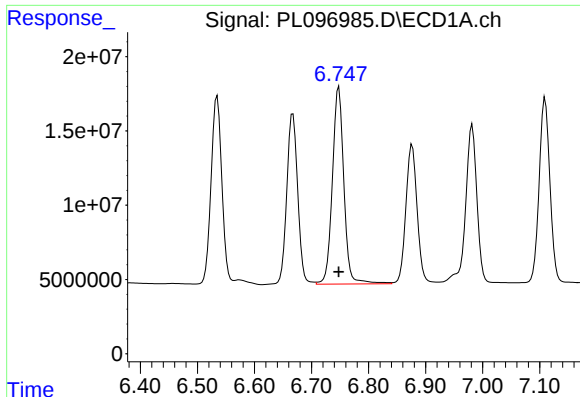
#14 Endrin

R.T.: 6.535 min
Delta R.T.: 0.000 min
Response: 166331771
Conc: 44.42 ng/ml



#14 Endrin

R.T.: 5.705 min
Delta R.T.: 0.000 min
Response: 281190057
Conc: 47.60 ng/ml



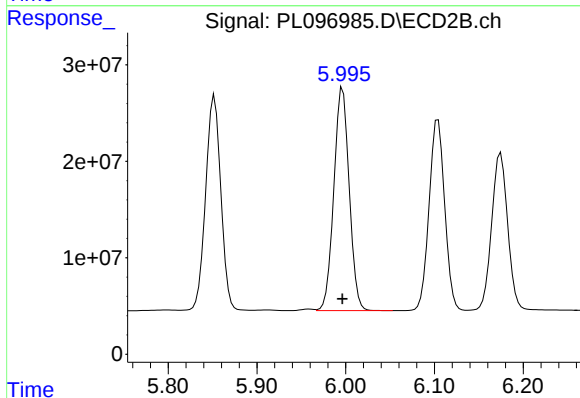
#15 Endosulfan II

R.T.: 6.748 min
Delta R.T.: 0.000 min
Response: 186524634
Conc: 42.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

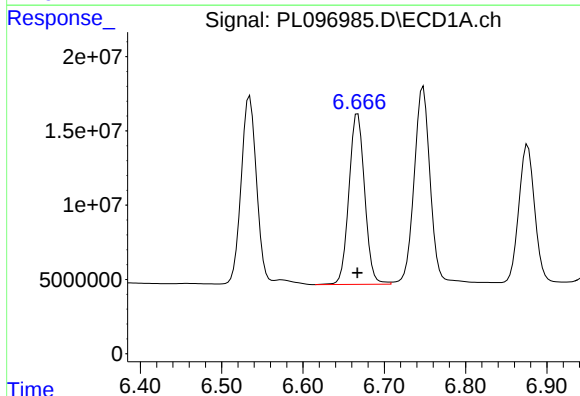
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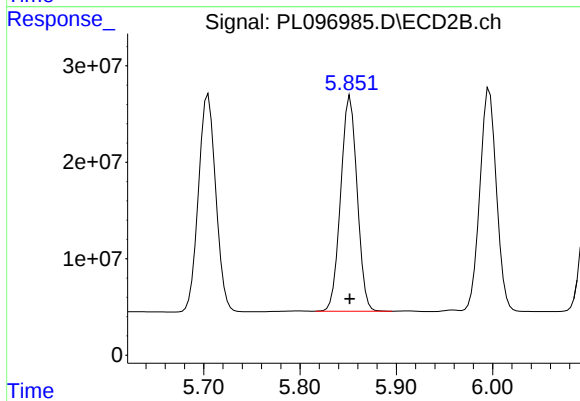
#15 Endosulfan II

R.T.: 5.997 min
Delta R.T.: 0.000 min
Response: 278395334
Conc: 48.68 ng/ml



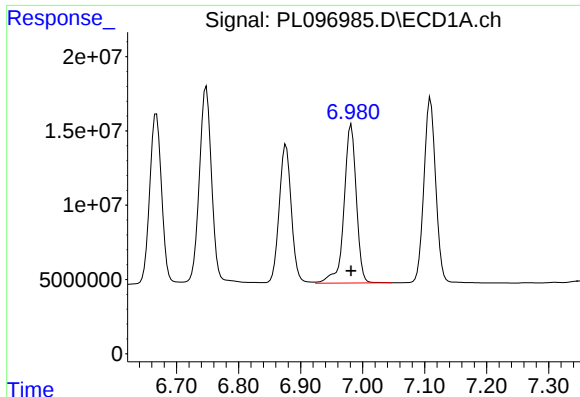
#16 4,4'-DDD

R.T.: 6.667 min
Delta R.T.: 0.000 min
Response: 153756065
Conc: 48.72 ng/ml



#16 4,4'-DDD

R.T.: 5.852 min
Delta R.T.: 0.000 min
Response: 263879246
Conc: 50.53 ng/ml



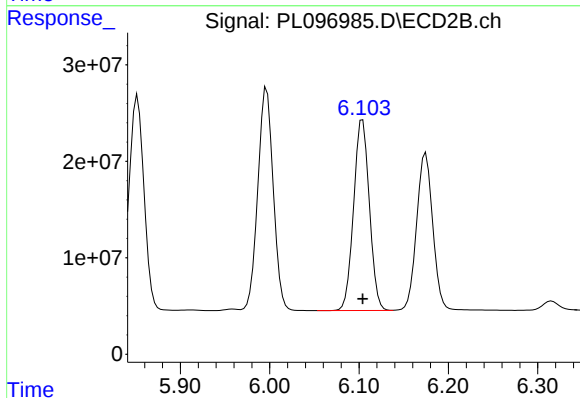
#17 4,4'-DDT

R.T.: 6.982 min
Delta R.T.: 0.000 min
Response: 146904320
Conc: 41.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

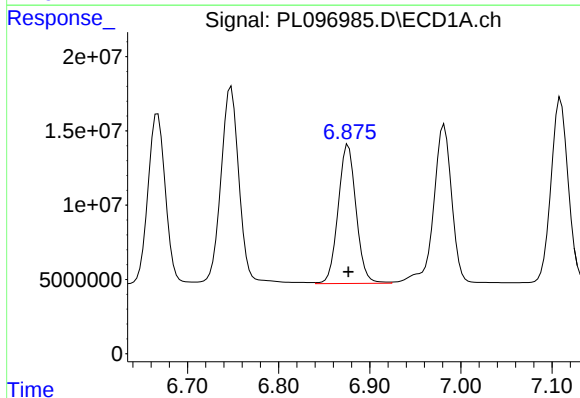
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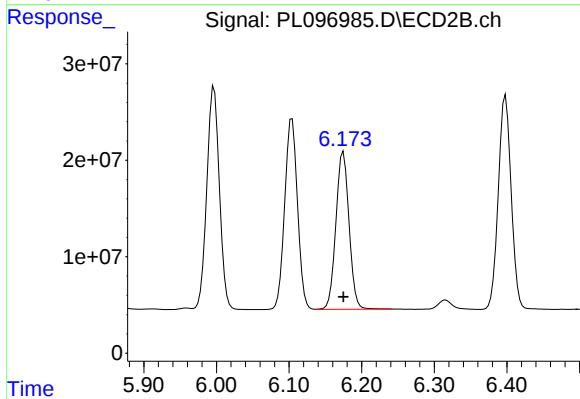
#17 4,4'-DDT

R.T.: 6.104 min
Delta R.T.: 0.000 min
Response: 242679524
Conc: 44.31 ng/ml



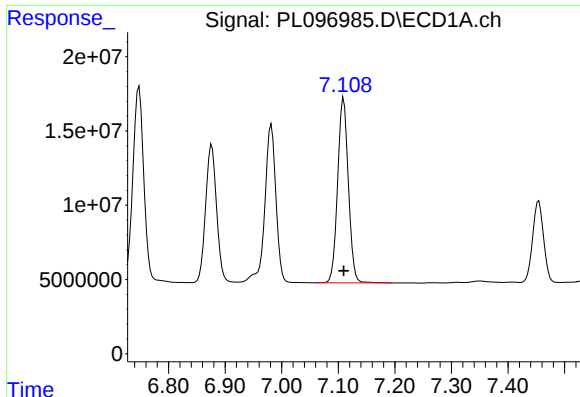
#18 Endrin aldehyde

R.T.: 6.876 min
Delta R.T.: 0.000 min
Response: 127981700
Conc: 49.20 ng/ml



#18 Endrin aldehyde

R.T.: 6.175 min
Delta R.T.: 0.000 min
Response: 205020864
Conc: 49.25 ng/ml



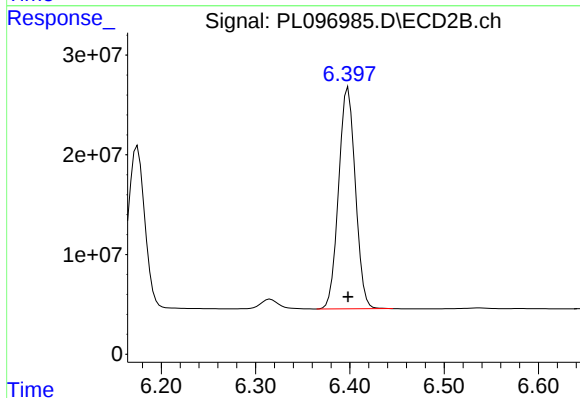
#19 Endosulfan Sulfate

R.T.: 7.109 min
Delta R.T.: 0.000 min
Response: 163351971
Conc: 47.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

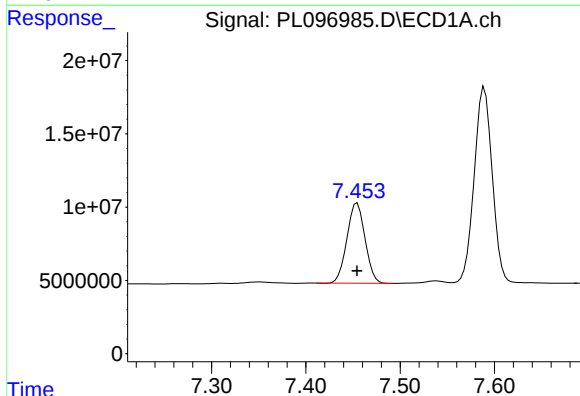
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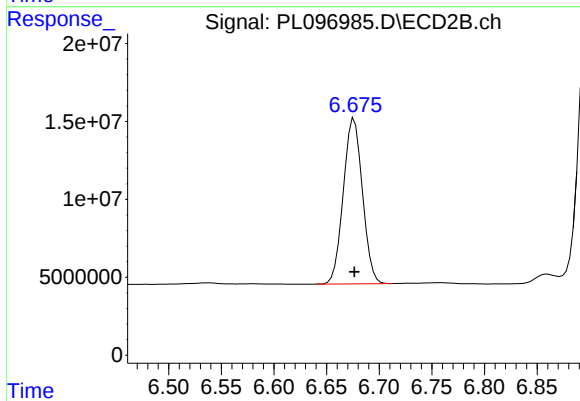
#19 Endosulfan Sulfate

R.T.: 6.398 min
Delta R.T.: 0.000 min
Response: 273928861
Conc: 48.89 ng/ml



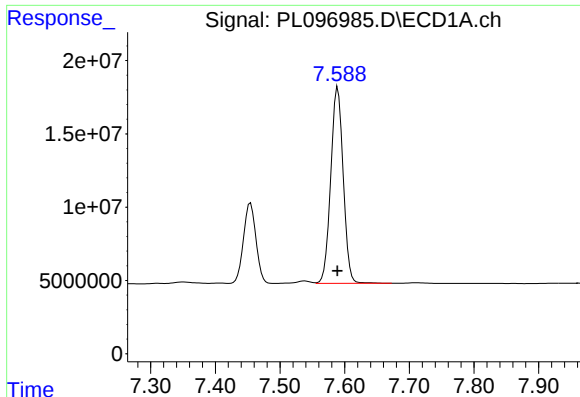
#20 Methoxychlor

R.T.: 7.454 min
Delta R.T.: 0.000 min
Response: 73164288
Conc: 42.16 ng/ml



#20 Methoxychlor

R.T.: 6.676 min
Delta R.T.: 0.000 min
Response: 134528580
Conc: 44.85 ng/ml



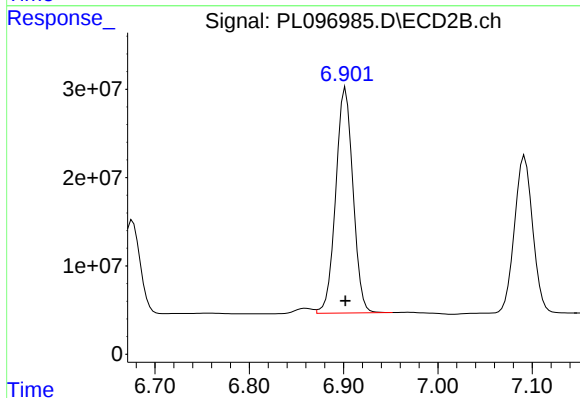
#21 Endrin ketone

R.T.: 7.589 min
Delta R.T.: 0.000 min
Response: 178744642
Conc: 50.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

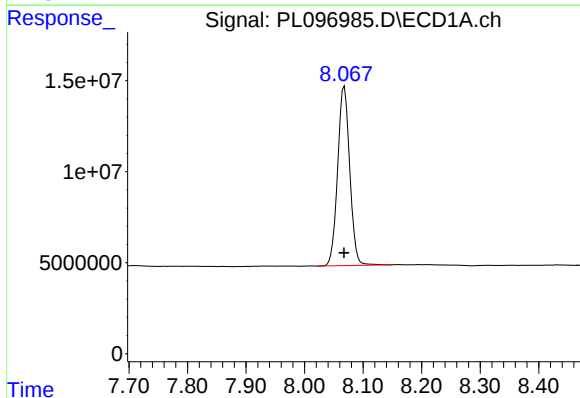
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/27/2025
Supervised By :mohammad ahmed 08/28/2025



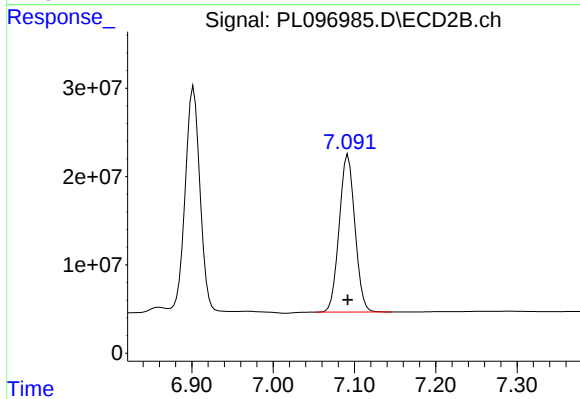
#21 Endrin ketone

R.T.: 6.902 min
Delta R.T.: 0.000 min
Response: 324066338
Conc: 51.78 ng/ml



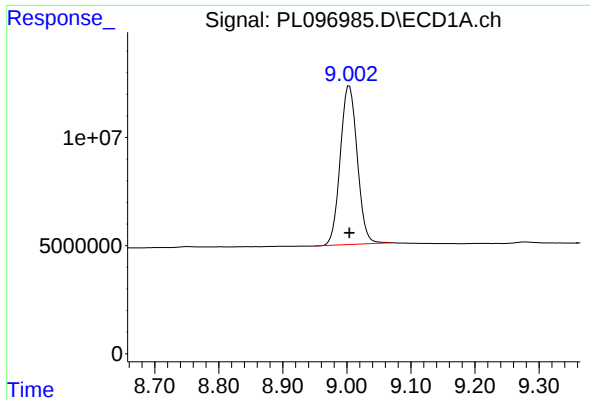
#22 Mirex

R.T.: 8.068 min
Delta R.T.: 0.000 min
Response: 141475217
Conc: 47.29 ng/ml



#22 Mirex

R.T.: 7.092 min
Delta R.T.: 0.000 min
Response: 238961738
Conc: 49.20 ng/ml



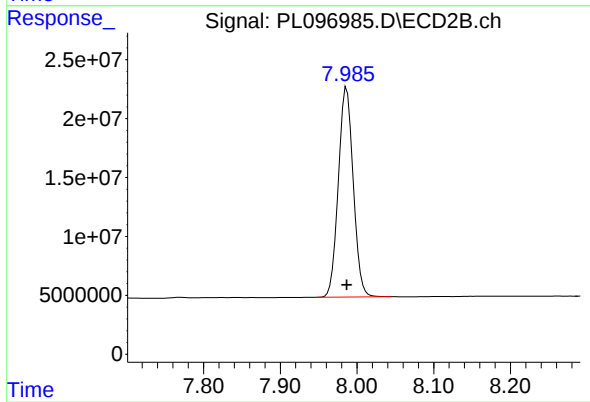
#28 Decachlorobiphenyl

R.T.: 9.004 min
Delta R.T.: 0.000 min
Response: 135342193
Conc: 45.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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Supervised By :mohammad ahmed 08/28/2025



#28 Decachlorobiphenyl

R.T.: 7.986 min
Delta R.T.: 0.000 min
Response: 240586034
Conc: 50.17 ng/ml