

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081625\
 Data File : PL096841.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Aug 2025 22:10
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/20/2025
 Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 18 05:57:45 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 08 15:43:38 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	180.6E6	264.5E6	56.769	55.355
28)	SA Decachlor...	9.003	7.986	132.8E6	232.4E6	55.677m	53.559
Target Compounds							
2)	A alpha-BHC	3.978	3.331	267.2E6	392.6E6	57.750	55.472
3)	MA gamma-BHC...	4.306	3.663	250.1E6	364.4E6	56.533	55.182
4)	MA Heptachlor	4.897	4.011	245.6E6	348.9E6	59.102	52.366
5)	MB Aldrin	5.236	4.294	242.7E6	338.4E6	56.432	54.523
6)	B beta-BHC	4.491	3.959	105.1E6	155.4E6	58.235m	55.083
7)	B delta-BHC	4.738	4.191	232.8E6	356.1E6	58.353	55.011
8)	B Heptachlo...	5.656	4.795	220.0E6	304.9E6	57.034	53.391
9)	A Endosulfan I	6.037	5.166	197.9E6	279.5E6	55.031	50.530
10)	B gamma-Chl...	5.909	5.047	217.0E6	318.9E6	57.015	54.231
11)	B alpha-Chl...	5.990	5.111	216.1E6	312.8E6	56.054	53.024
12)	B 4,4'-DDE	6.160	5.300	181.3E6	294.5E6	56.444	53.398
13)	MA Dieldrin	6.308	5.429	204.6E6	316.7E6	55.140m	53.612m
14)	MA Endrin	6.535	5.705	161.4E6	280.2E6	53.308m	51.832
15)	B Endosulfa...	6.747	5.997	173.1E6	270.0E6	54.038m	52.570
16)	A 4,4'-DDD	6.667	5.852	147.2E6	257.4E6	58.210m	54.710
17)	MA 4,4'-DDT	6.982	6.104	147.8E6	243.3E6	51.533	48.098
18)	B Endrin al...	6.878	6.175	123.9E6	201.7E6	57.736	55.476
19)	B Endosulfa...	7.109	6.398	153.8E6	264.4E6	53.513m	51.978
20)	A Methoxychlor	7.455	6.675	71143490	132.2E6	48.451	48.229m
21)	B Endrin ke...	7.590	6.902	165.3E6	307.3E6	54.974	55.181
22)	Mirex	8.067	7.091	130.8E6	230.2E6	52.760m	52.777

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081625\
Data File : PL096841.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Aug 2025 22:10
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

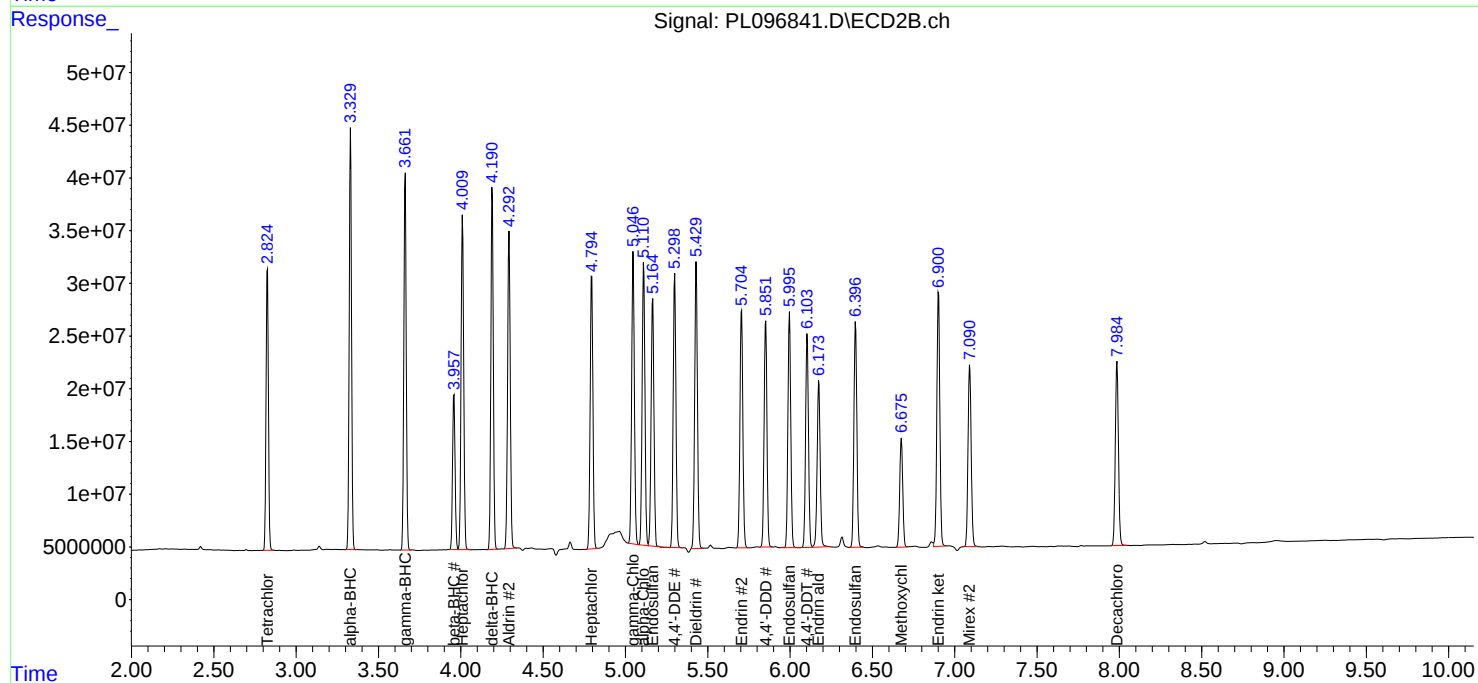
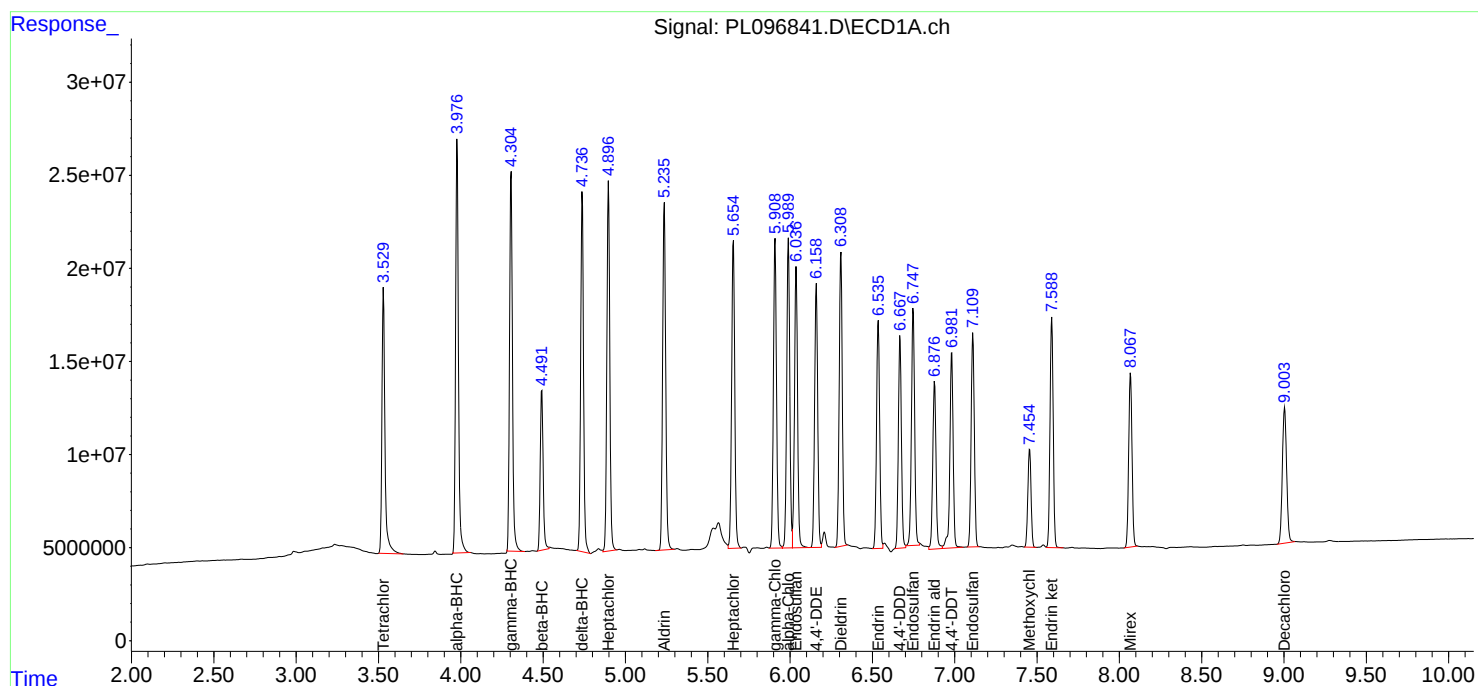
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

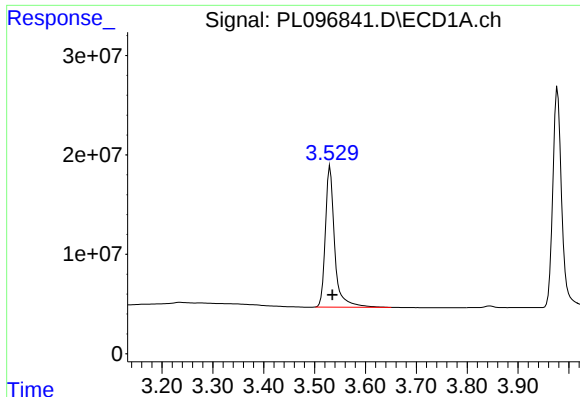
Manual Integrations
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Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 18 05:57:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
Quant Title : GC Extractables
QLast Update : Fri Aug 08 15:43:38 2025
Response via : Initial Calibration
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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





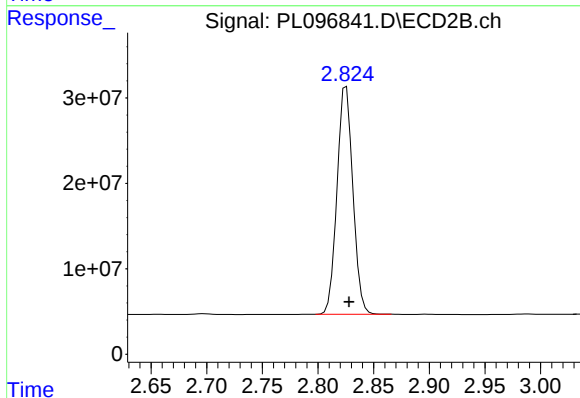
#1 Tetrachloro-m-xylene

R.T.: 3.530 min
Delta R.T.: -0.005 min
Response: 180569649
Conc: 56.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

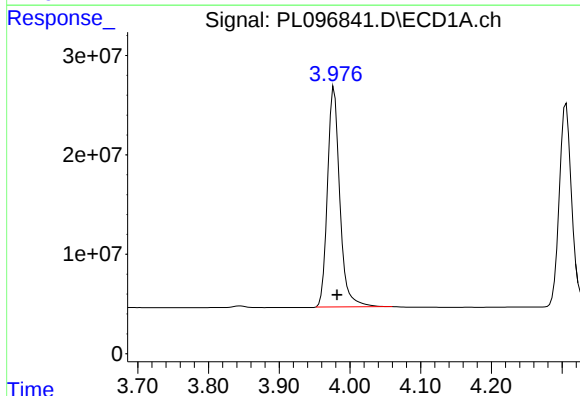
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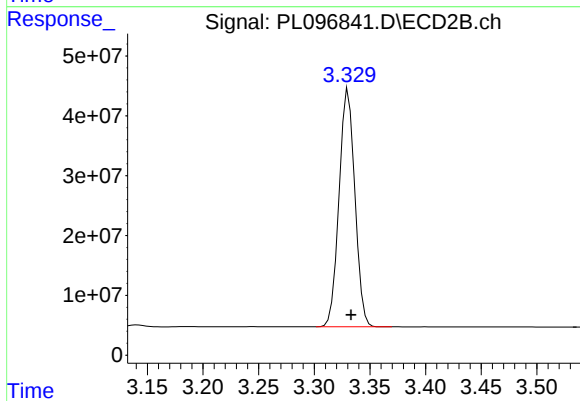
#1 Tetrachloro-m-xylene

R.T.: 2.825 min
Delta R.T.: -0.003 min
Response: 264474564
Conc: 55.36 ng/ml



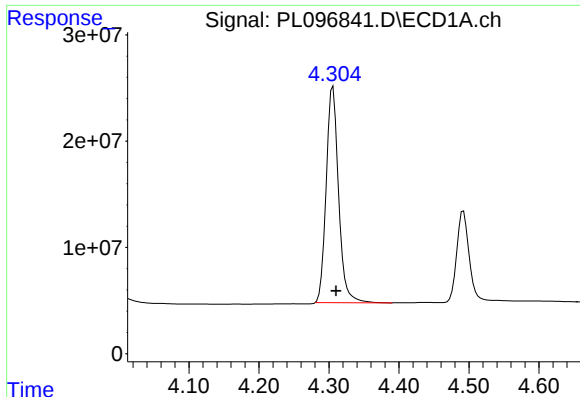
#2 alpha-BHC

R.T.: 3.978 min
Delta R.T.: -0.004 min
Response: 267171388
Conc: 57.75 ng/ml



#2 alpha-BHC

R.T.: 3.331 min
Delta R.T.: -0.002 min
Response: 392574947
Conc: 55.47 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.306 min
Delta R.T.: -0.005 min
Response: 250071176
Conc: 56.53 ng/ml

Instrument :

ECD_L

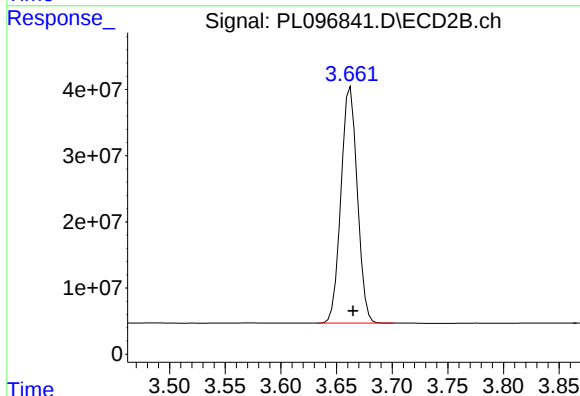
ClientSampleId :

PSTDCCC050

Manual Integrations

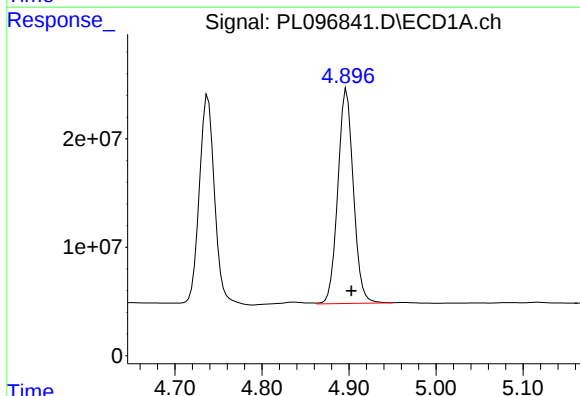
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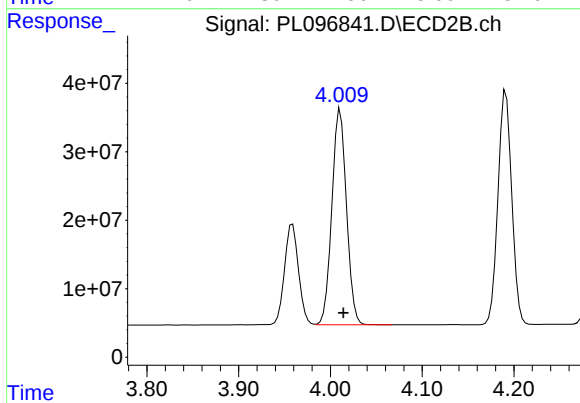
#3 gamma-BHC (Lindane)

R.T.: 3.663 min
Delta R.T.: -0.002 min
Response: 364386933
Conc: 55.18 ng/ml



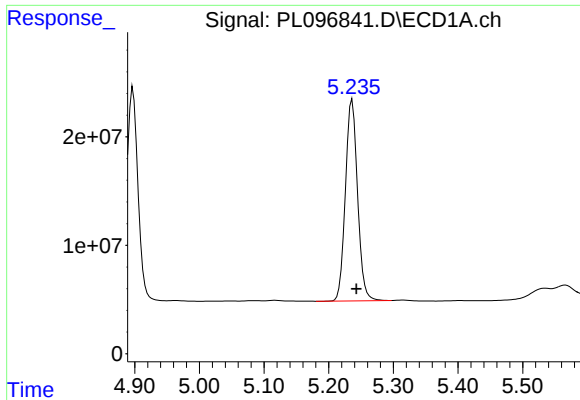
#4 Heptachlor

R.T.: 4.897 min
Delta R.T.: -0.005 min
Response: 245610481
Conc: 59.10 ng/ml



#4 Heptachlor

R.T.: 4.011 min
Delta R.T.: -0.003 min
Response: 348861586
Conc: 52.37 ng/ml



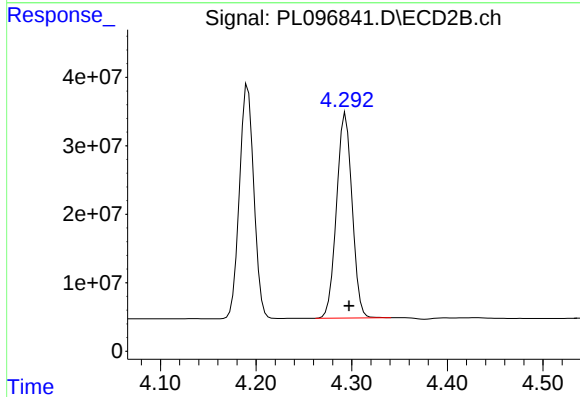
#5 Aldrin

R.T.: 5.236 min
Delta R.T.: -0.007 min
Response: 242712510
Conc: 56.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

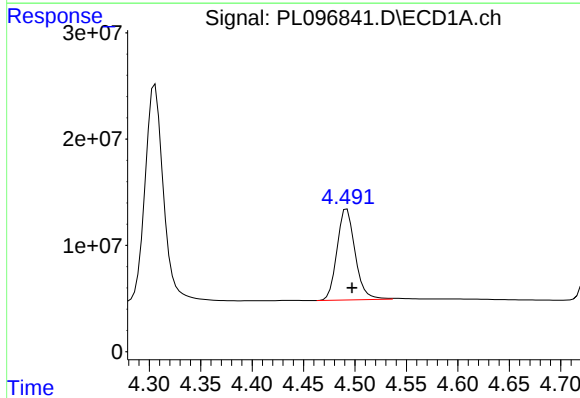
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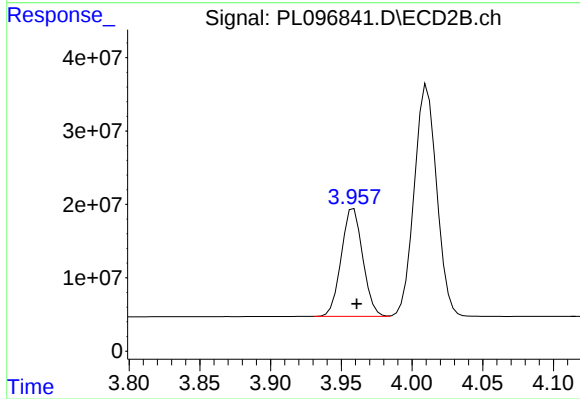
#5 Aldrin

R.T.: 4.294 min
Delta R.T.: -0.003 min
Response: 338425766
Conc: 54.52 ng/ml



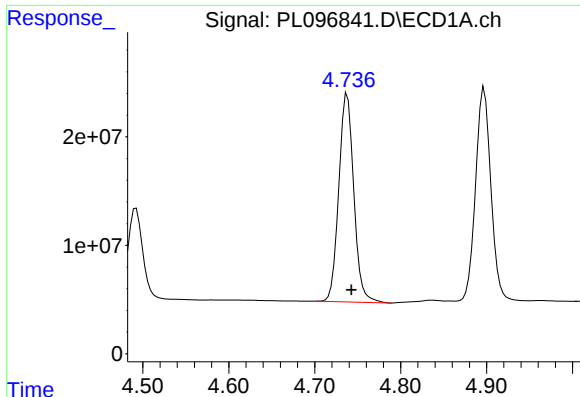
#6 beta-BHC

R.T.: 4.491 min
Delta R.T.: -0.006 min
Response: 105112723
Conc: 58.24 ng/ml m



#6 beta-BHC

R.T.: 3.959 min
Delta R.T.: -0.002 min
Response: 155383025
Conc: 55.08 ng/ml



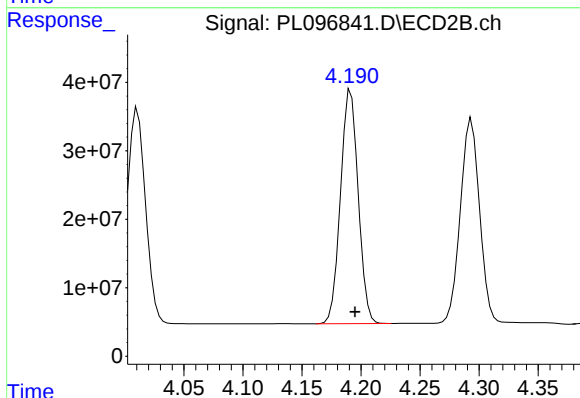
#7 delta-BHC

R.T.: 4.738 min
Delta R.T.: -0.005 min
Response: 232818505
Conc: 58.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

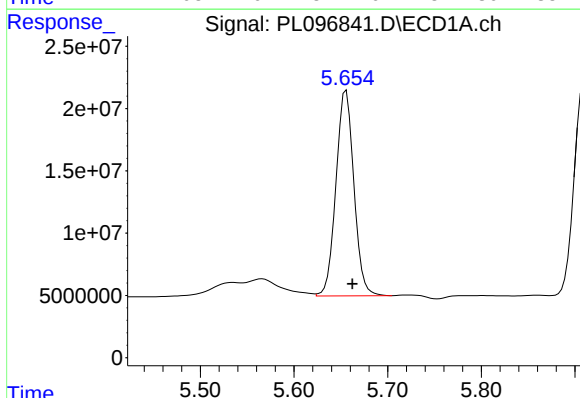
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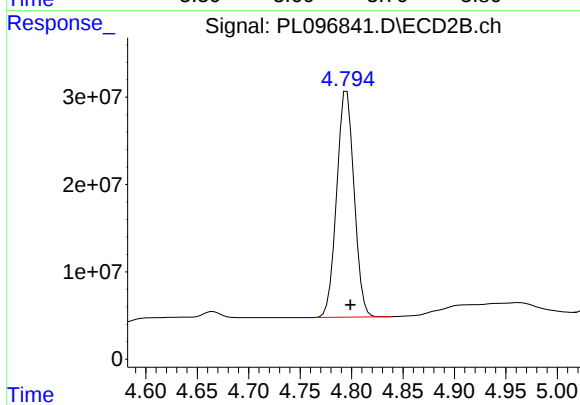
#7 delta-BHC

R.T.: 4.191 min
Delta R.T.: -0.004 min
Response: 356121645
Conc: 55.01 ng/ml



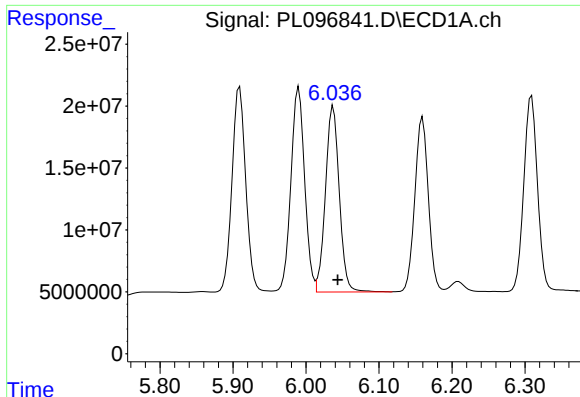
#8 Heptachlor epoxide

R.T.: 5.656 min
Delta R.T.: -0.007 min
Response: 219954792
Conc: 57.03 ng/ml



#8 Heptachlor epoxide

R.T.: 4.795 min
Delta R.T.: -0.004 min
Response: 304932521
Conc: 53.39 ng/ml



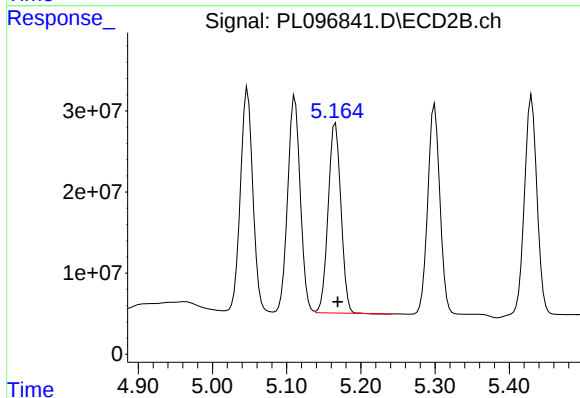
#9 Endosulfan I

R.T.: 6.037 min
Delta R.T.: -0.006 min
Response: 197913152
Conc: 55.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

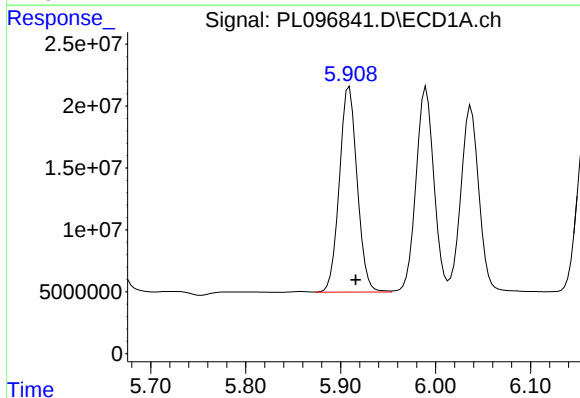
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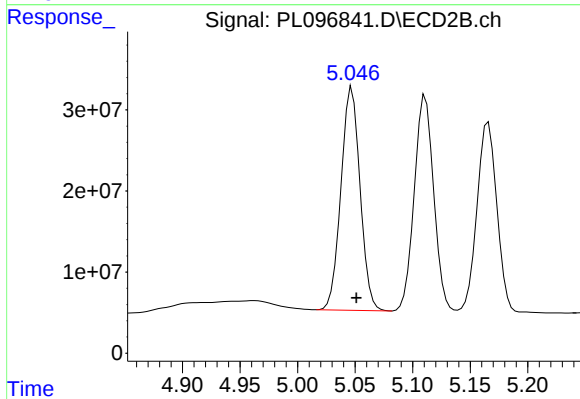
#9 Endosulfan I

R.T.: 5.166 min
Delta R.T.: -0.003 min
Response: 279504144
Conc: 50.53 ng/ml



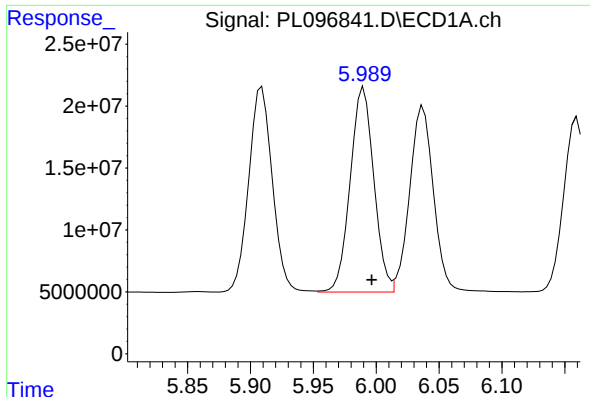
#10 gamma-Chlordane

R.T.: 5.909 min
Delta R.T.: -0.007 min
Response: 216956458
Conc: 57.02 ng/ml



#10 gamma-Chlordane

R.T.: 5.047 min
Delta R.T.: -0.004 min
Response: 318882402
Conc: 54.23 ng/ml



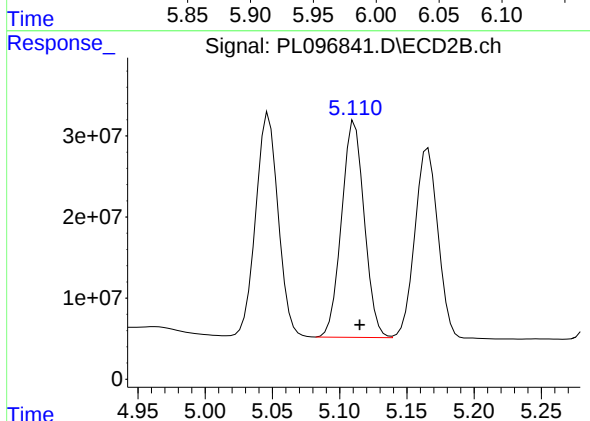
#11 alpha-Chlordane

R.T.: 5.990 min
Delta R.T.: -0.006 min
Response: 216069565
Conc: 56.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

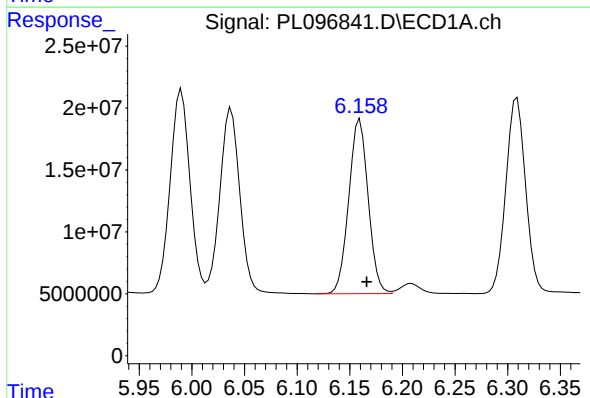
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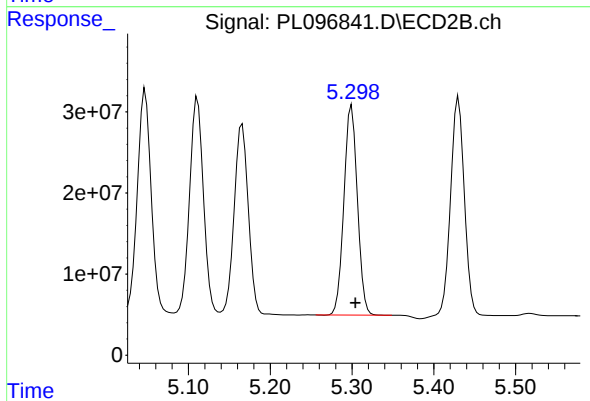
#11 alpha-Chlordane

R.T.: 5.111 min
Delta R.T.: -0.004 min
Response: 312786250
Conc: 53.02 ng/ml



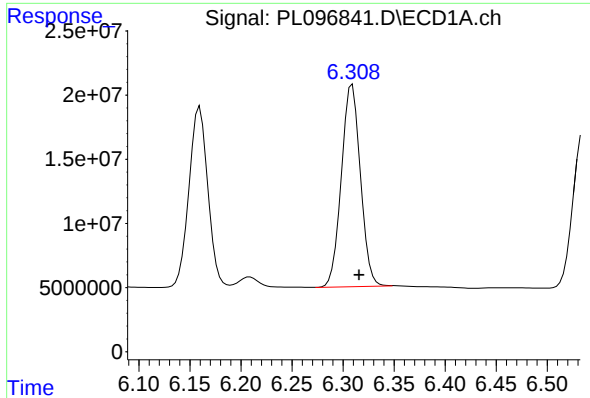
#12 4,4'-DDE

R.T.: 6.160 min
Delta R.T.: -0.006 min
Response: 181255368
Conc: 56.44 ng/ml



#12 4,4'-DDE

R.T.: 5.300 min
Delta R.T.: -0.004 min
Response: 294458512
Conc: 53.40 ng/ml



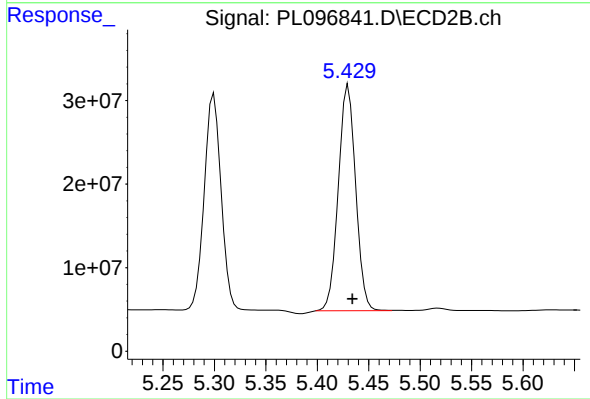
#13 Dieldrin

R.T.: 6.308 min
Delta R.T.: -0.008 min
Response: 204632048
Conc: 55.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

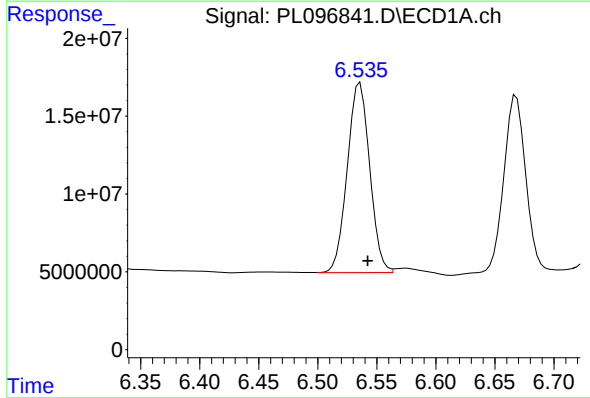
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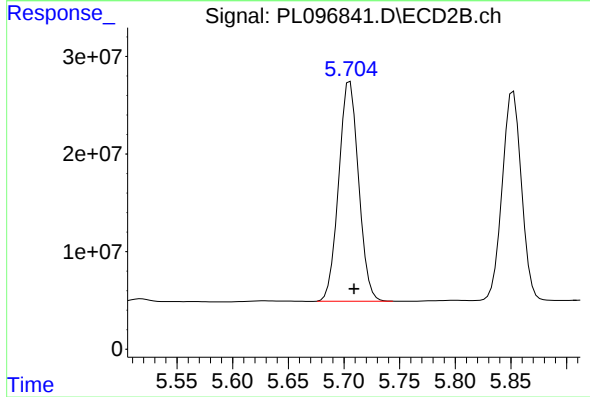
#13 Dieldrin

R.T.: 5.429 min
Delta R.T.: -0.005 min
Response: 316662631
Conc: 53.61 ng/ml m



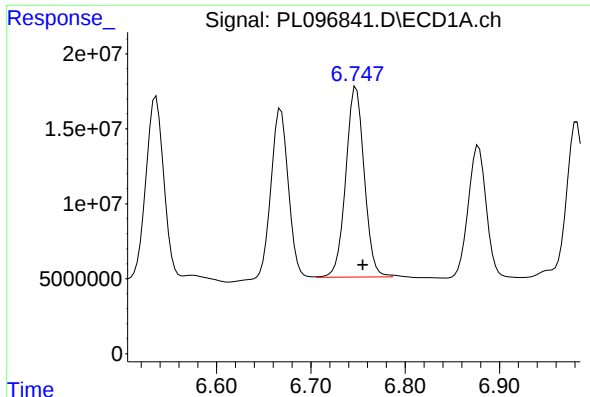
#14 Endrin

R.T.: 6.535 min
Delta R.T.: -0.008 min
Response: 161351892
Conc: 53.31 ng/ml m



#14 Endrin

R.T.: 5.705 min
Delta R.T.: -0.004 min
Response: 280200055
Conc: 51.83 ng/ml



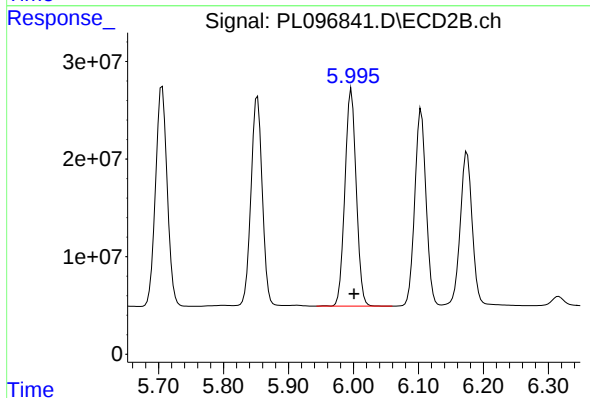
#15 Endosulfan II

R.T.: 6.747 min
Delta R.T.: -0.008 min
Response: 173065387
Conc: 54.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

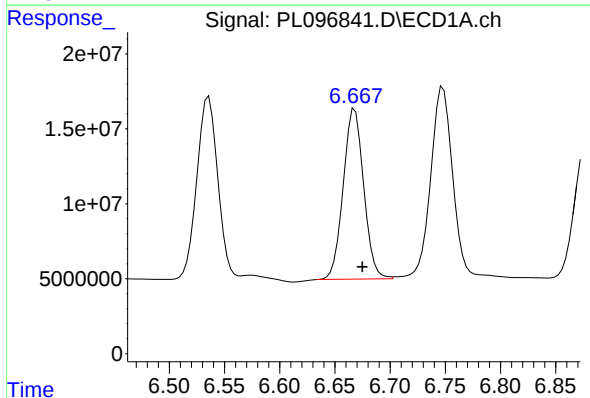
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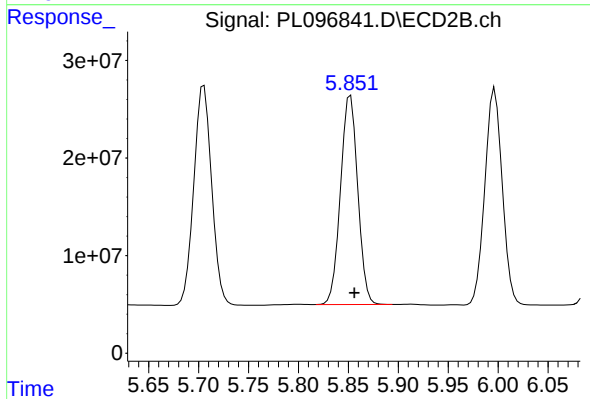
#15 Endosulfan II

R.T.: 5.997 min
Delta R.T.: -0.004 min
Response: 270010863
Conc: 52.57 ng/ml



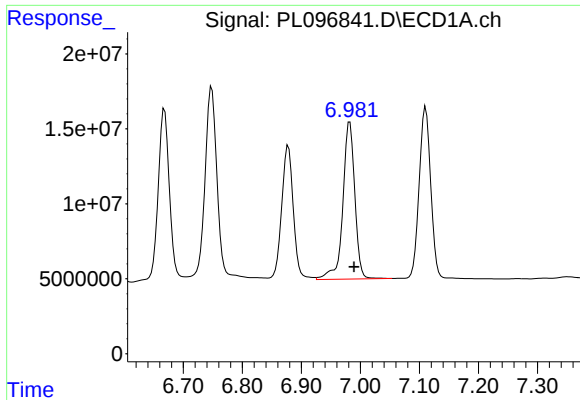
#16 4,4'-DDD

R.T.: 6.667 min
Delta R.T.: -0.008 min
Response: 147177033
Conc: 58.21 ng/ml m



#16 4,4'-DDD

R.T.: 5.852 min
Delta R.T.: -0.004 min
Response: 257426326
Conc: 54.71 ng/ml



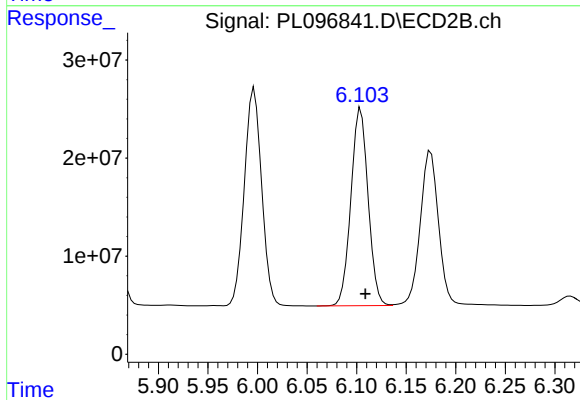
#17 4,4'-DDT

R.T.: 6.982 min
Delta R.T.: -0.007 min
Response: 147780944
Conc: 51.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

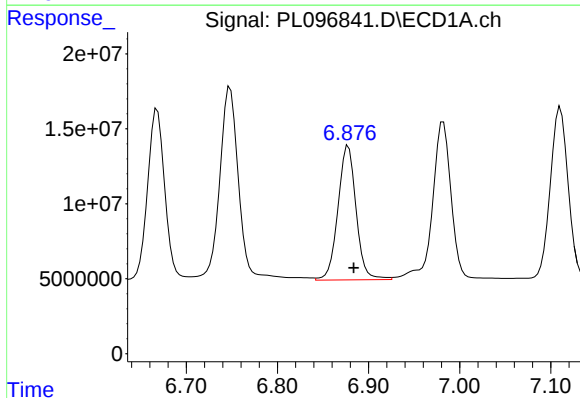
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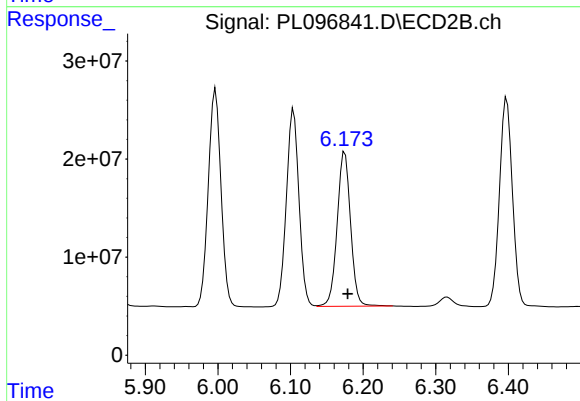
#17 4,4'-DDT

R.T.: 6.104 min
Delta R.T.: -0.005 min
Response: 243296006
Conc: 48.10 ng/ml



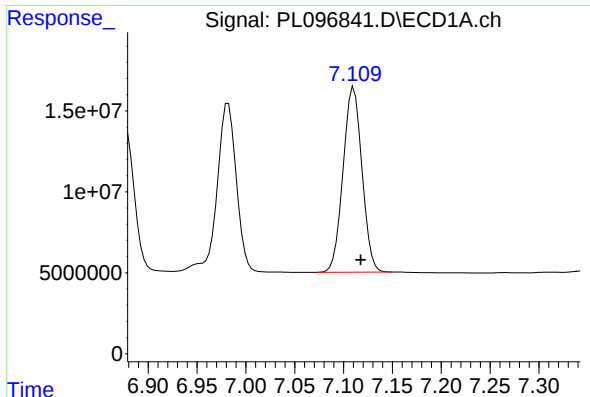
#18 Endrin aldehyde

R.T.: 6.878 min
Delta R.T.: -0.006 min
Response: 123895984
Conc: 57.74 ng/ml



#18 Endrin aldehyde

R.T.: 6.175 min
Delta R.T.: -0.004 min
Response: 201657062
Conc: 55.48 ng/ml



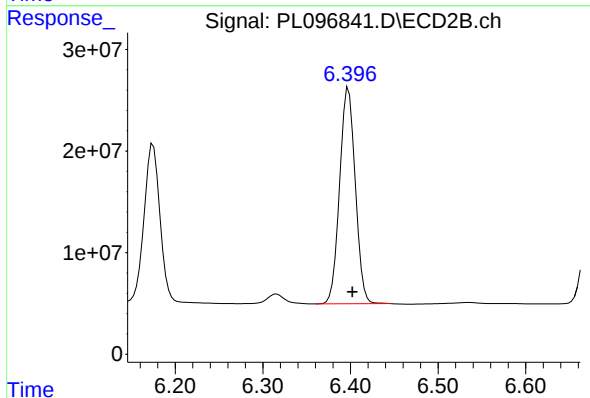
#19 Endosulfan Sulfate

R.T.: 7.109 min
Delta R.T.: -0.008 min
Response: 153779924
Conc: 53.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

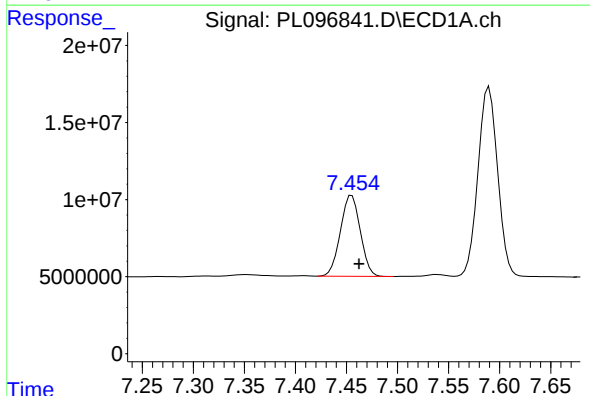
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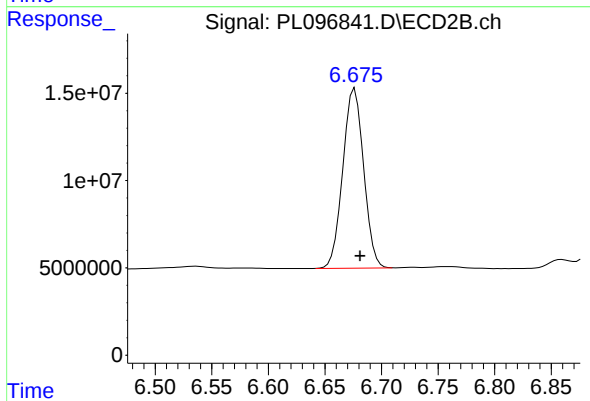
#19 Endosulfan Sulfate

R.T.: 6.398 min
Delta R.T.: -0.004 min
Response: 264373350
Conc: 51.98 ng/ml



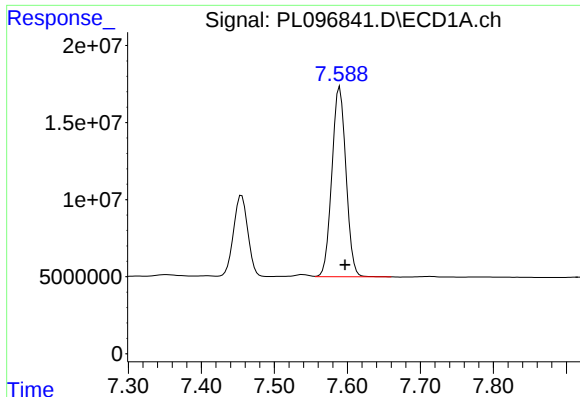
#20 Methoxychlor

R.T.: 7.455 min
Delta R.T.: -0.007 min
Response: 71143490
Conc: 48.45 ng/ml



#20 Methoxychlor

R.T.: 6.675 min
Delta R.T.: -0.006 min
Response: 132170521
Conc: 48.23 ng/ml m



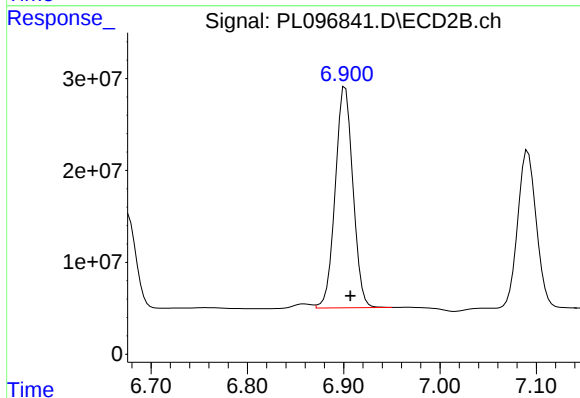
#21 Endrin ketone

R.T.: 7.590 min
Delta R.T.: -0.007 min
Response: 165290236
Conc: 54.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

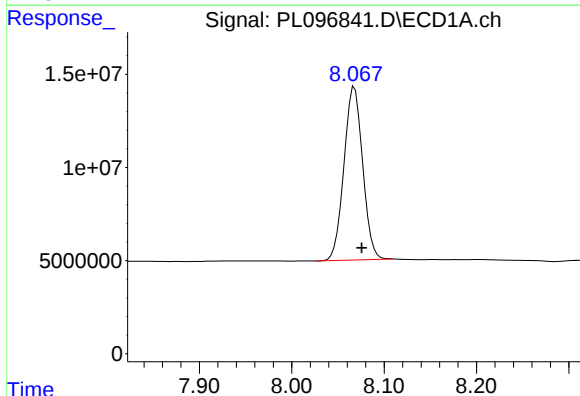
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



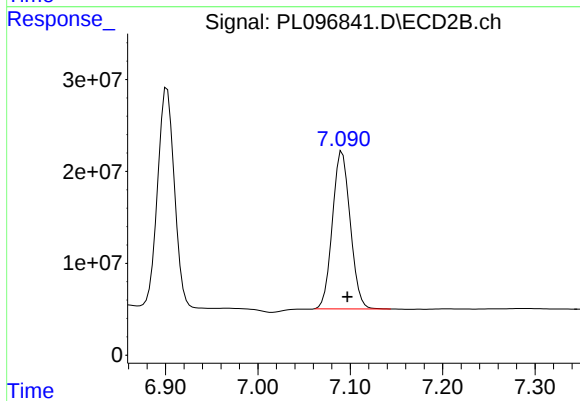
#21 Endrin ketone

R.T.: 6.902 min
Delta R.T.: -0.005 min
Response: 307346587
Conc: 55.18 ng/ml



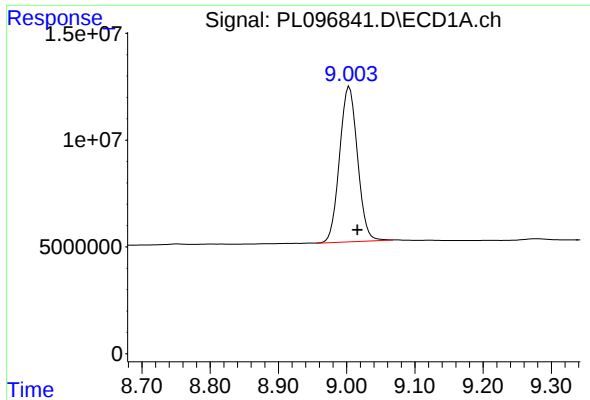
#22 Mirex

R.T.: 8.067 min
Delta R.T.: -0.009 min
Response: 130809589
Conc: 52.76 ng/ml m



#22 Mirex

R.T.: 7.091 min
Delta R.T.: -0.006 min
Response: 230155234
Conc: 52.78 ng/ml



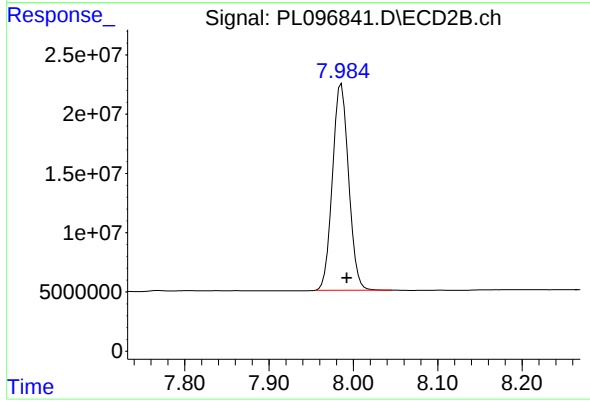
#28 Decachlorobiphenyl

R.T.: 9.003 min
Delta R.T.: -0.013 min
Response: 132771027
Conc: 55.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



#28 Decachlorobiphenyl

R.T.: 7.986 min
Delta R.T.: -0.006 min
Response: 232358139
Conc: 53.56 ng/ml