

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050825\
 Data File : PL095596.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 May 2025 17:31
 Operator : AR\AJ
 Sample : Q1964-01MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MH-LLMS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/09/2025
 Supervised By : mohammad ahmed 05/12/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 09 02:07:08 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042325.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 23 16:23:18 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...	3.594	2.912	44878019	55548576	13.747	17.469 #
28)	SA Decachlor...	9.117	8.089	25246393	31965886	9.112	10.802
Target Compounds							
2)	A alpha-BHC	4.043	3.421	240.2E6	310.2E6	48.491m	69.727 #
3)	MA gamma-BHC...	4.376	3.754	235.8E6	289.5E6	49.803	65.829 #
4)	MA Heptachlor	4.971	4.108	236.2E6	271.7E6	51.640m	62.369
5)	MB Aldrin	5.315	4.393	240.8E6	268.1E6	52.422	65.150
6)	B beta-BHC	4.561	4.048	102.5E6	129.1E6	49.566	62.182 #
7)	B delta-BHC	4.808	4.284	233.8E6	292.0E6	50.265m	66.639 #
8)	B Heptachlo...	5.735	4.896	215.0E6	248.6E6	53.685	64.360
9)	A Endosulfan I	6.119	5.269	204.4E6	236.9E6	53.820	64.712
10)	B gamma-Chl...	5.990	5.149	221.7E6	256.7E6	54.345	63.334
11)	B alpha-Chl...	6.071	5.213	218.2E6	251.4E6	53.664	63.137
12)	B 4,4'-DDE	6.240	5.399	214.6E6	254.6E6	54.727	62.599
13)	MA Dieldrin	6.392	5.534	202.4E6	263.0E6	52.514	64.664
14)	MA Endrin	6.619	5.809	168.0E6	236.5E6	52.762	64.960
15)	B Endosulfa...	6.831	6.099	168.9E6	230.2E6	52.916	64.113
16)	A 4,4'-DDD	6.749	5.951	156.8E6	212.0E6	55.372	64.897
17)	MA 4,4'-DDT	7.064	6.205	146.3E6	216.3E6	51.354	62.958
18)	B Endrin al...	6.960	6.277	118.7E6	160.4E6	51.158	61.388
19)	B Endosulfa...	7.194	6.499	149.5E6	204.9E6	53.371	61.761m
20)	A Methoxychlor	7.535	6.775	69466818	114.9E6	49.792	60.229
21)	B Endrin ke...	7.675	7.006	147.5E6	235.9E6	51.729	66.999 #
22)	Mirex	8.158	7.201	119.2E6	173.8E6	50.174	60.311m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050825\
Data File : PL095596.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 May 2025 17:31
Operator : AR\AJ
Sample : Q1964-01MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

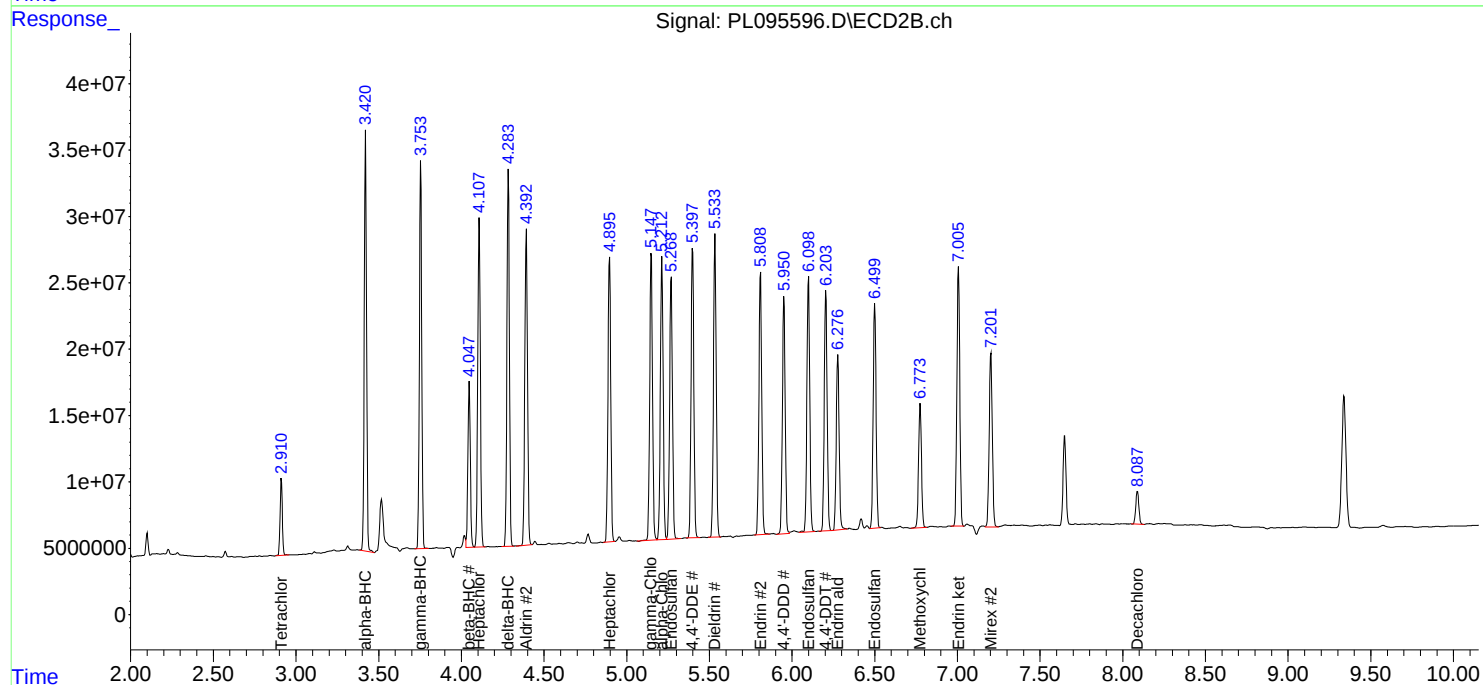
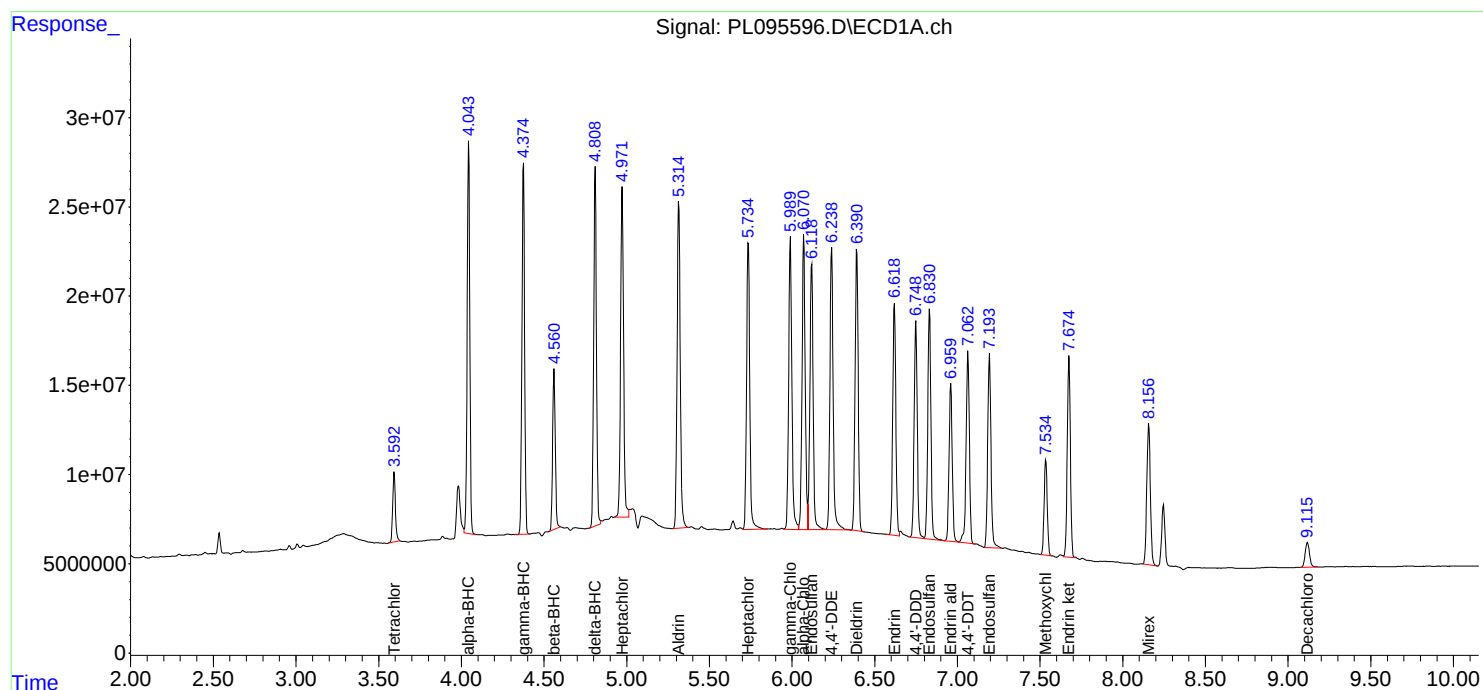
Instrument :
ECD_L
ClientSampleId :
MH-LLMS

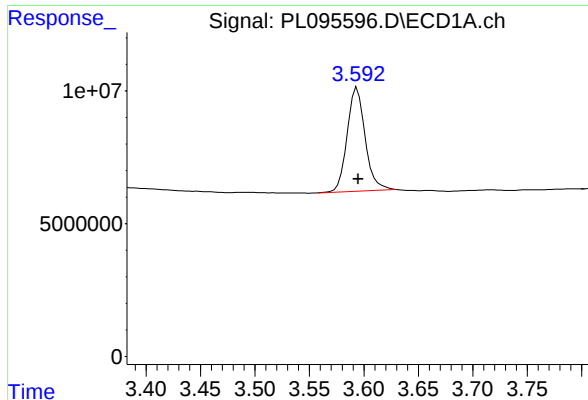
Manual Integrations
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Supervised By :mohammad ahmed 05/12/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 09 02:07:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042325.M
Quant Title : GC Extractables
QLast Update : Wed Apr 23 16:23:18 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





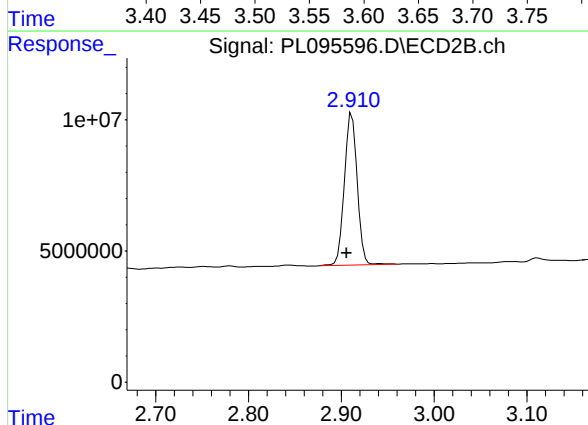
#1 Tetrachloro-m-xylene

R.T.: 3.594 min
Delta R.T.: -0.001 min
Response: 44878019
Conc: 13.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-LLMS

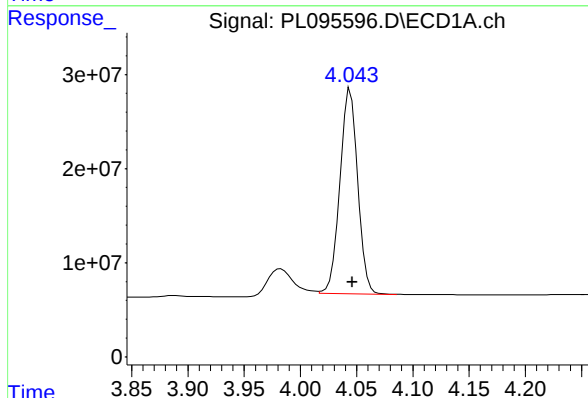
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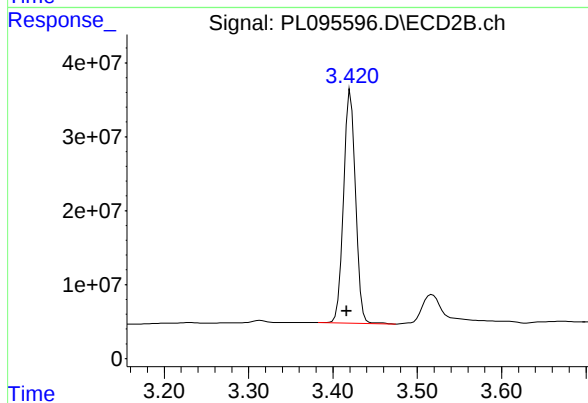
#1 Tetrachloro-m-xylene

R.T.: 2.912 min
Delta R.T.: 0.006 min
Response: 55548576
Conc: 17.47 ng/ml



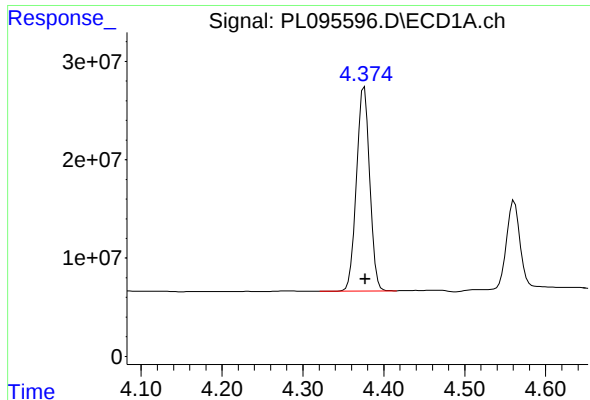
#2 alpha-BHC

R.T.: 4.043 min
Delta R.T.: -0.003 min
Response: 240214220
Conc: 48.49 ng/ml m



#2 alpha-BHC

R.T.: 3.421 min
Delta R.T.: 0.005 min
Response: 310196626
Conc: 69.73 ng/ml



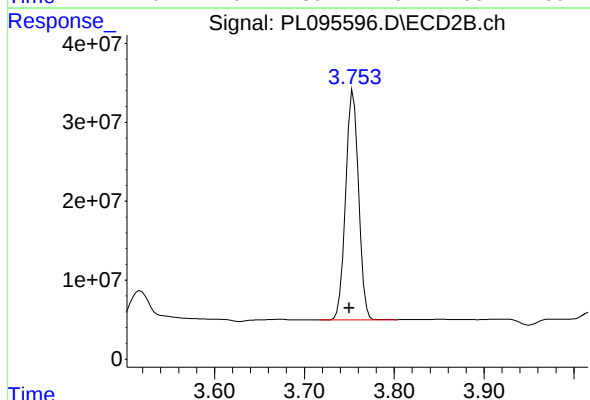
#3 gamma-BHC (Lindane)

R.T.: 4.376 min
Delta R.T.: -0.002 min
Response: 235765845
Conc: 49.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-LLMS

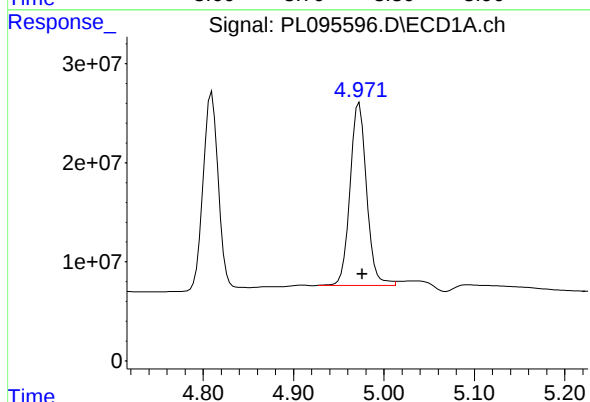
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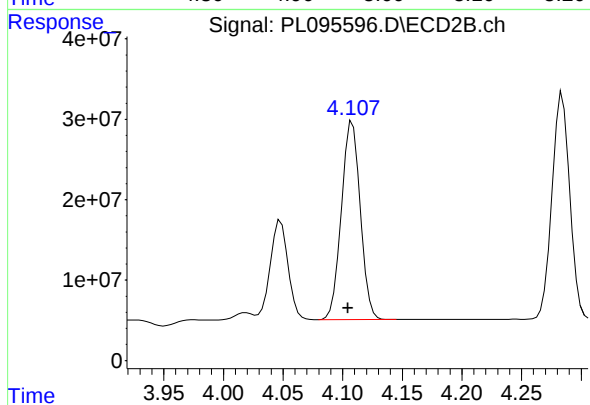
#3 gamma-BHC (Lindane)

R.T.: 3.754 min
Delta R.T.: 0.005 min
Response: 289529398
Conc: 65.83 ng/ml



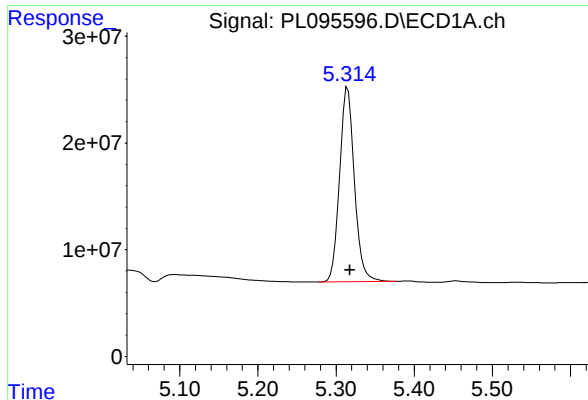
#4 Heptachlor

R.T.: 4.971 min
Delta R.T.: -0.004 min
Response: 236224680
Conc: 51.64 ng/ml m



#4 Heptachlor

R.T.: 4.108 min
Delta R.T.: 0.004 min
Response: 271721900
Conc: 62.37 ng/ml



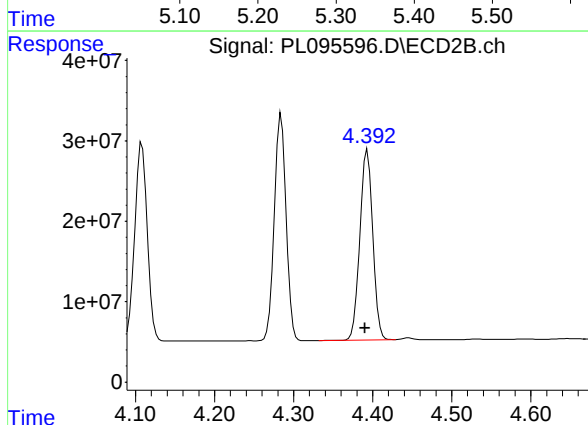
#5 Aldrin

R.T.: 5.315 min
Delta R.T.: -0.003 min
Response: 240773763
Conc: 52.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-LLMS

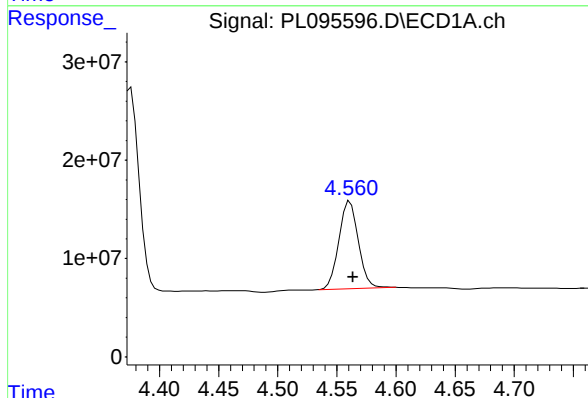
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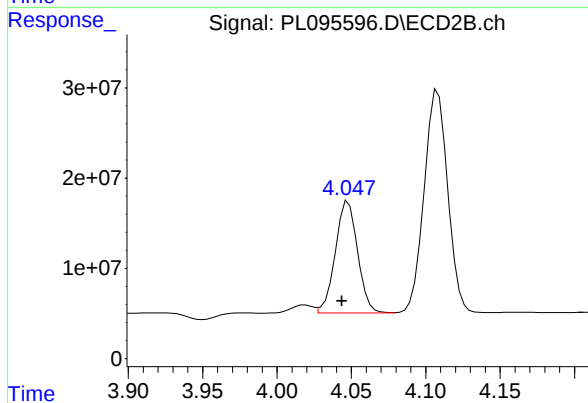
#5 Aldrin

R.T.: 4.393 min
Delta R.T.: 0.003 min
Response: 268134521
Conc: 65.15 ng/ml



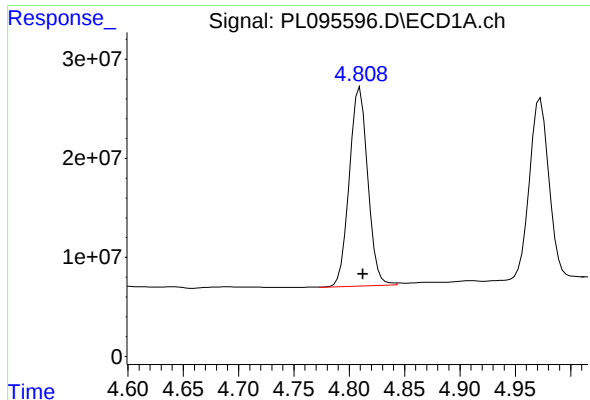
#6 beta-BHC

R.T.: 4.561 min
Delta R.T.: -0.002 min
Response: 102479483
Conc: 49.57 ng/ml



#6 beta-BHC

R.T.: 4.048 min
Delta R.T.: 0.004 min
Response: 129081637
Conc: 62.18 ng/ml



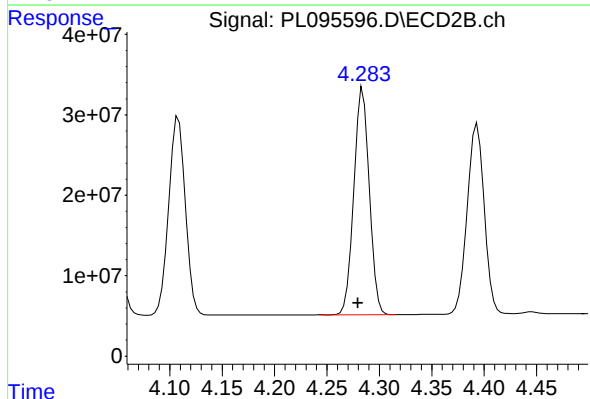
#7 delta-BHC

R.T.: 4.808 min
Delta R.T.: -0.004 min
Response: 233766950
Conc: 50.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-LLMS

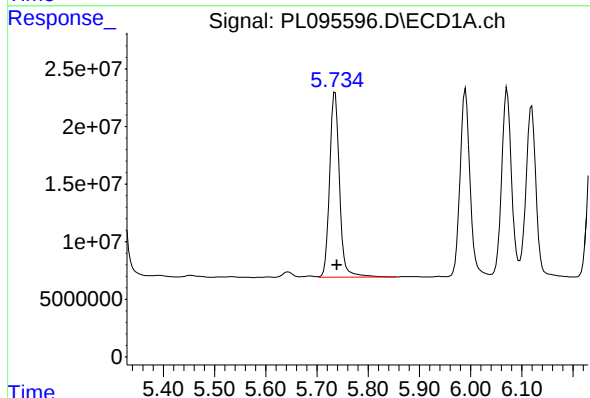
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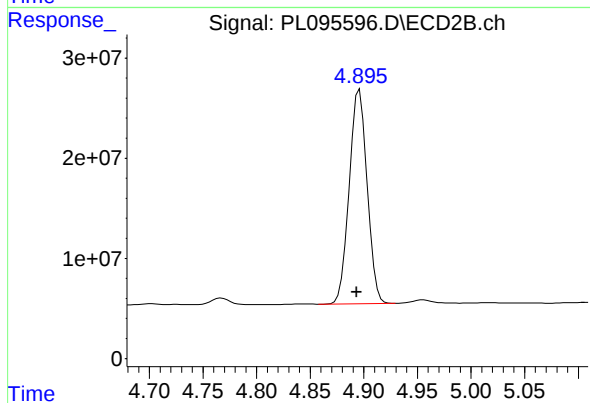
#7 delta-BHC

R.T.: 4.284 min
Delta R.T.: 0.004 min
Response: 292009994
Conc: 66.64 ng/ml



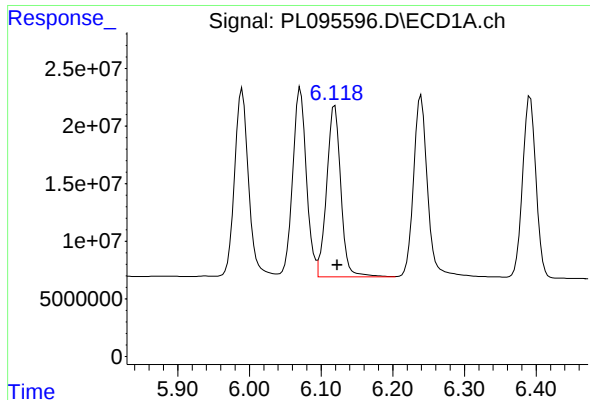
#8 Heptachlor epoxide

R.T.: 5.735 min
Delta R.T.: -0.004 min
Response: 215015134
Conc: 53.68 ng/ml



#8 Heptachlor epoxide

R.T.: 4.896 min
Delta R.T.: 0.003 min
Response: 248601888
Conc: 64.36 ng/ml



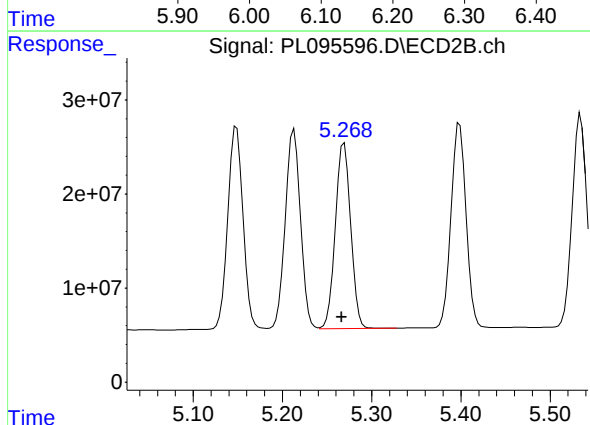
#9 Endosulfan I

R.T.: 6.119 min
Delta R.T.: -0.003 min
Response: 204381343
Conc: 53.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-LLMS

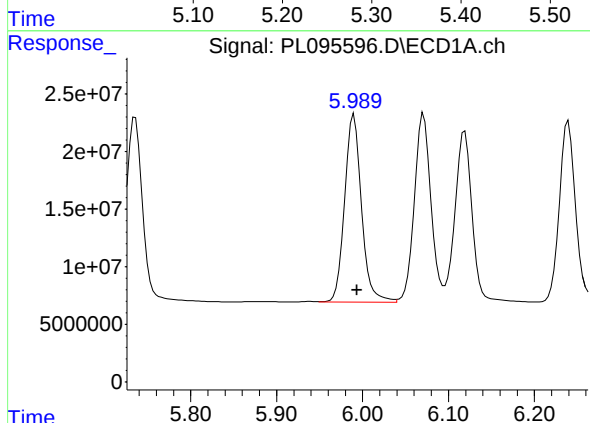
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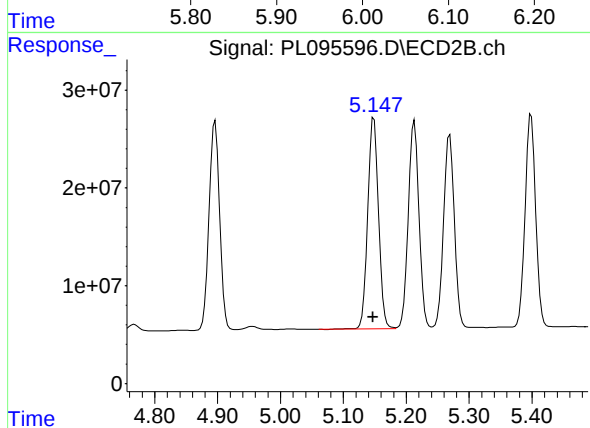
#9 Endosulfan I

R.T.: 5.269 min
Delta R.T.: 0.003 min
Response: 236874284
Conc: 64.71 ng/ml



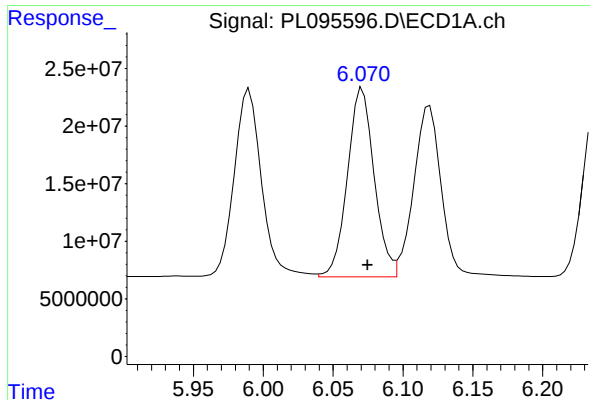
#10 gamma-Chlordane

R.T.: 5.990 min
Delta R.T.: -0.003 min
Response: 221691379
Conc: 54.34 ng/ml



#10 gamma-Chlordane

R.T.: 5.149 min
Delta R.T.: 0.002 min
Response: 256672108
Conc: 63.33 ng/ml



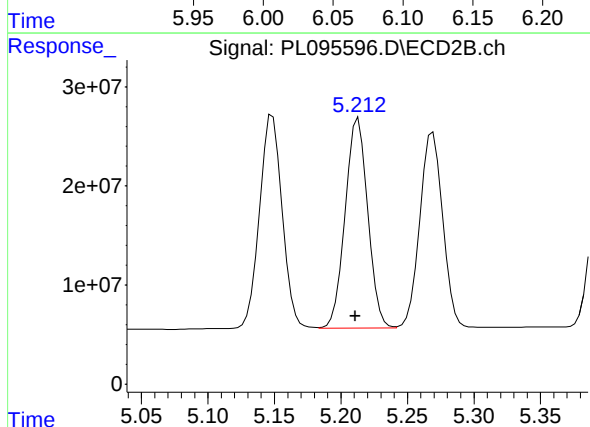
#11 alpha-Chlordane

R.T.: 6.071 min
Delta R.T.: -0.004 min
Response: 218202677
Conc: 53.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-LLMS

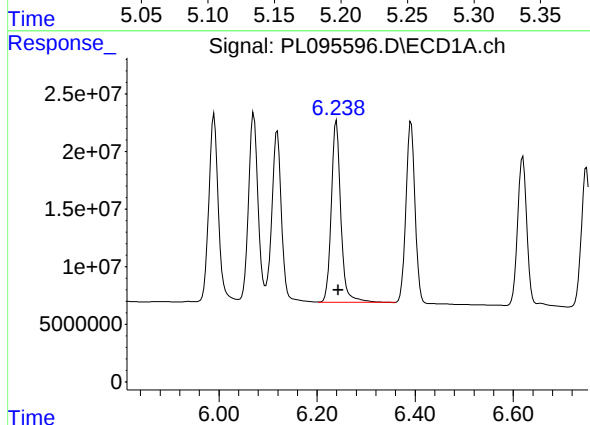
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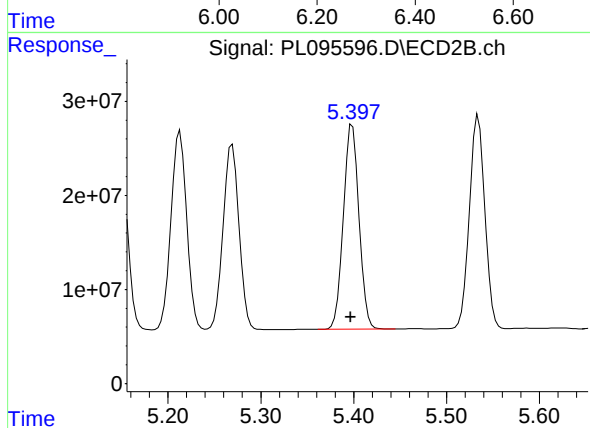
#11 alpha-Chlordane

R.T.: 5.213 min
Delta R.T.: 0.002 min
Response: 251354288
Conc: 63.14 ng/ml



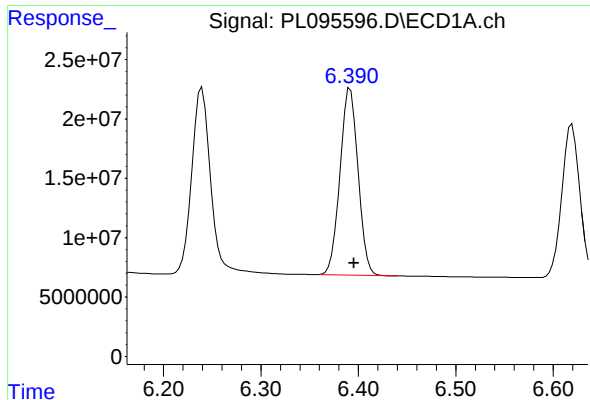
#12 4,4'-DDE

R.T.: 6.240 min
Delta R.T.: -0.004 min
Response: 214561146
Conc: 54.73 ng/ml



#12 4,4'-DDE

R.T.: 5.399 min
Delta R.T.: 0.002 min
Response: 254588512
Conc: 62.60 ng/ml



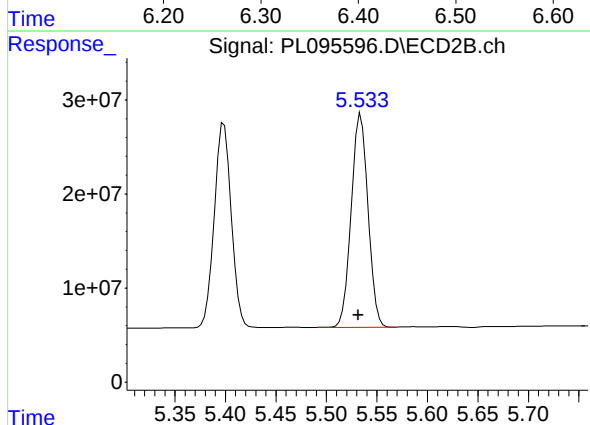
#13 Dieldrin

R.T.: 6.392 min
Delta R.T.: -0.004 min
Response: 202432618
Conc: 52.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-LLMS

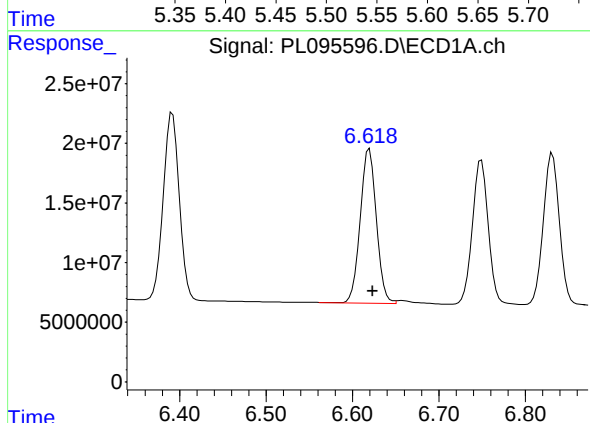
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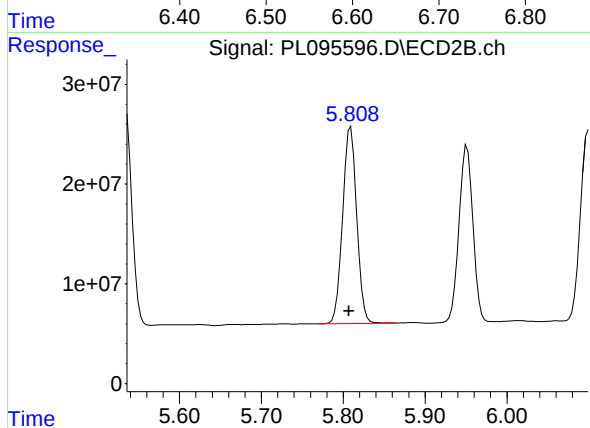
#13 Dieldrin

R.T.: 5.534 min
Delta R.T.: 0.002 min
Response: 262994834
Conc: 64.66 ng/ml



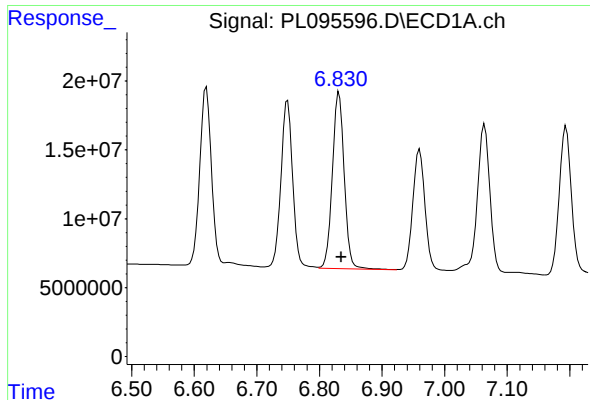
#14 Endrin

R.T.: 6.619 min
Delta R.T.: -0.004 min
Response: 168033759
Conc: 52.76 ng/ml



#14 Endrin

R.T.: 5.809 min
Delta R.T.: 0.002 min
Response: 236501209
Conc: 64.96 ng/ml



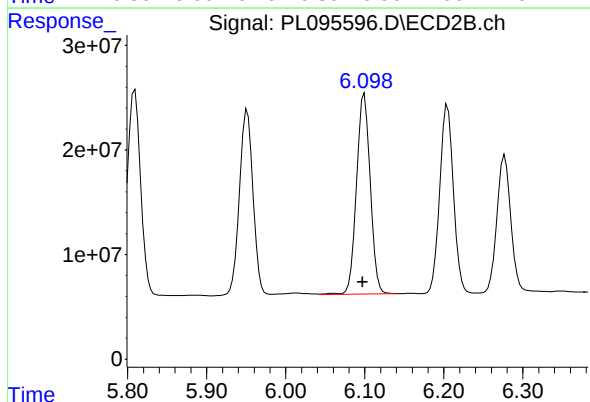
#15 Endosulfan II

R.T.: 6.831 min
Delta R.T.: -0.004 min
Response: 168915682
Conc: 52.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-LLMS

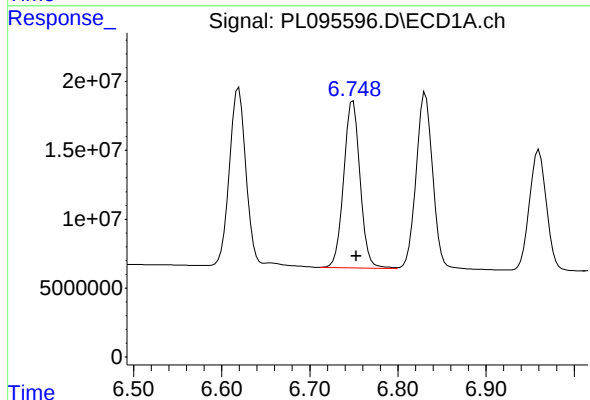
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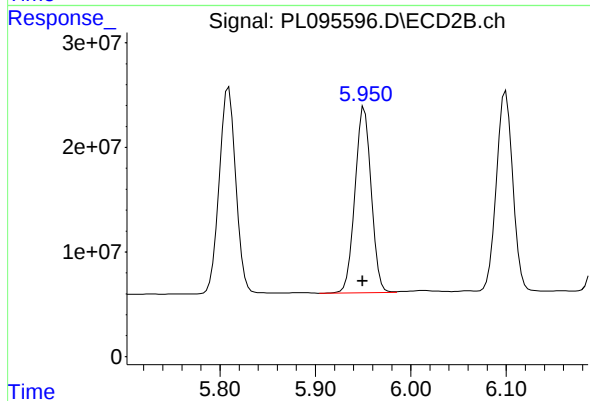
#15 Endosulfan II

R.T.: 6.099 min
Delta R.T.: 0.002 min
Response: 230236499
Conc: 64.11 ng/ml



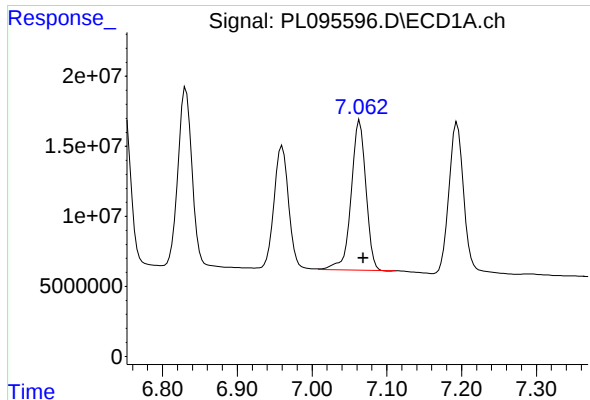
#16 4,4'-DDD

R.T.: 6.749 min
Delta R.T.: -0.004 min
Response: 156755850
Conc: 55.37 ng/ml



#16 4,4'-DDD

R.T.: 5.951 min
Delta R.T.: 0.002 min
Response: 212003942
Conc: 64.90 ng/ml



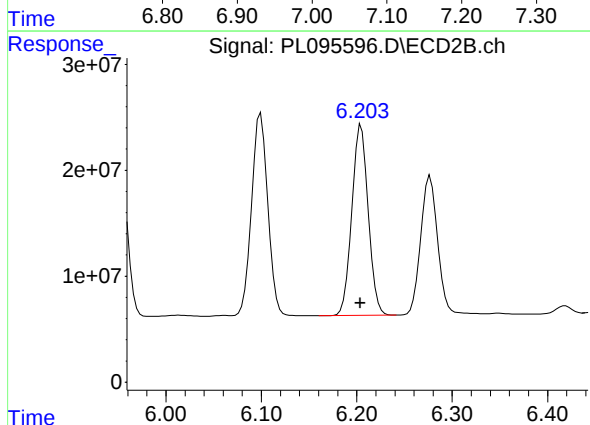
#17 4,4'-DDT

R.T.: 7.064 min
Delta R.T.: -0.005 min
Response: 146285813
Conc: 51.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-LLMS

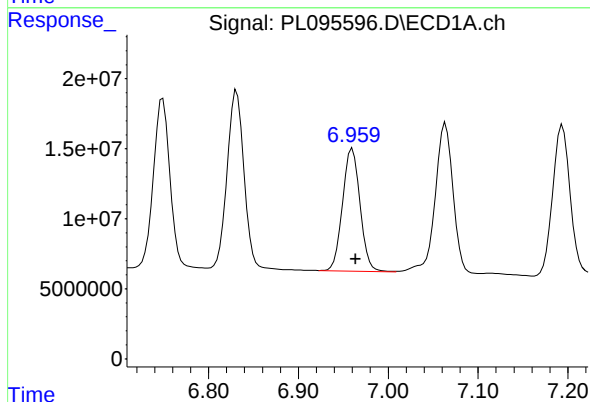
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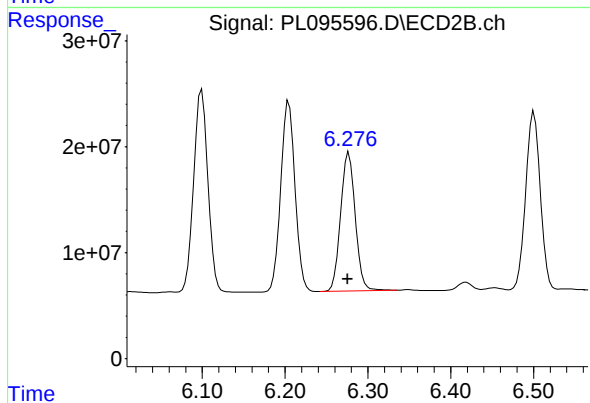
#17 4,4'-DDT

R.T.: 6.205 min
Delta R.T.: 0.000 min
Response: 216336022
Conc: 62.96 ng/ml



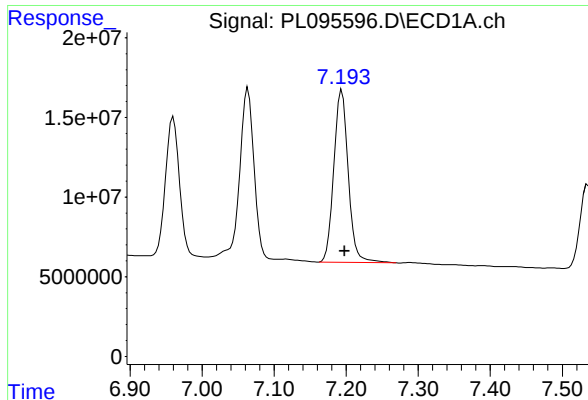
#18 Endrin aldehyde

R.T.: 6.960 min
Delta R.T.: -0.004 min
Response: 118728199
Conc: 51.16 ng/ml



#18 Endrin aldehyde

R.T.: 6.277 min
Delta R.T.: 0.002 min
Response: 160416340
Conc: 61.39 ng/ml



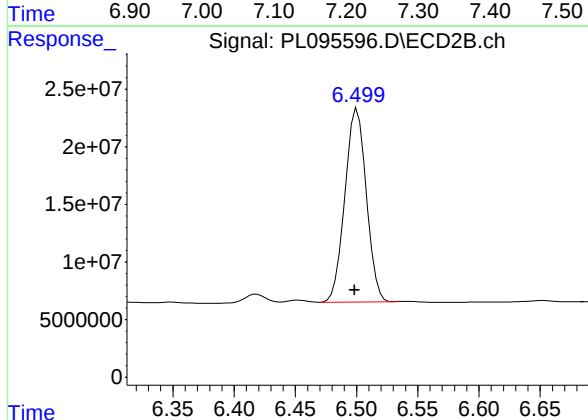
#19 Endosulfan Sulfate

R.T.: 7.194 min
Delta R.T.: -0.004 min
Response: 149534444
Conc: 53.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-LLMS

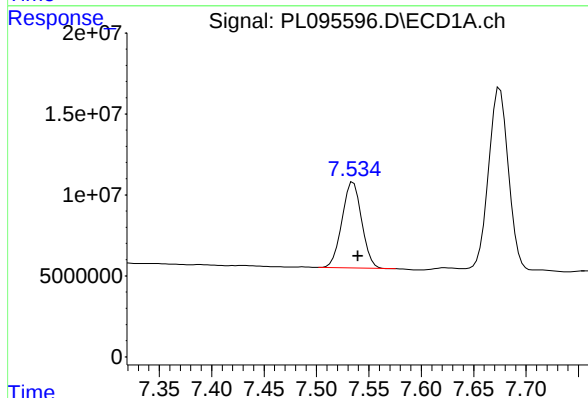
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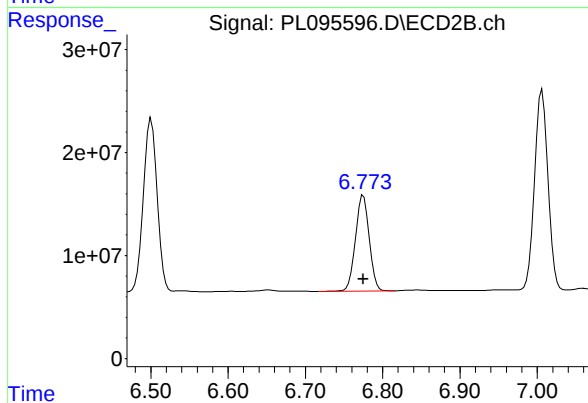
#19 Endosulfan Sulfate

R.T.: 6.499 min
Delta R.T.: 0.000 min
Response: 204919490
Conc: 61.76 ng/ml



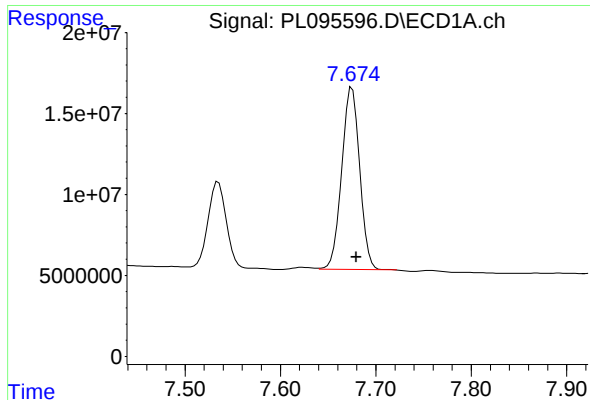
#20 Methoxychlor

R.T.: 7.535 min
Delta R.T.: -0.005 min
Response: 69466818
Conc: 49.79 ng/ml



#20 Methoxychlor

R.T.: 6.775 min
Delta R.T.: 0.000 min
Response: 114882841
Conc: 60.23 ng/ml



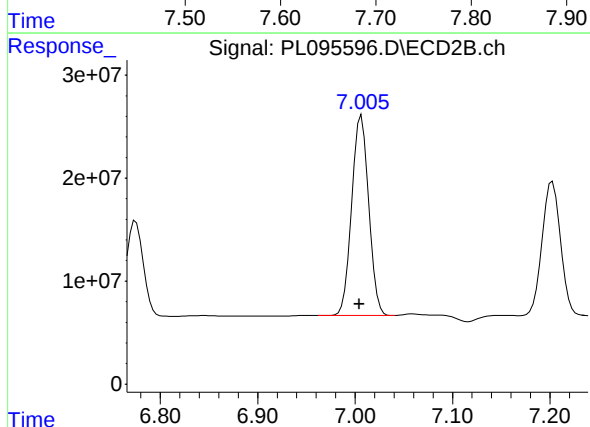
#21 Endrin ketone

R.T.: 7.675 min
Delta R.T.: -0.004 min
Response: 147472347
Conc: 51.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-LLMS

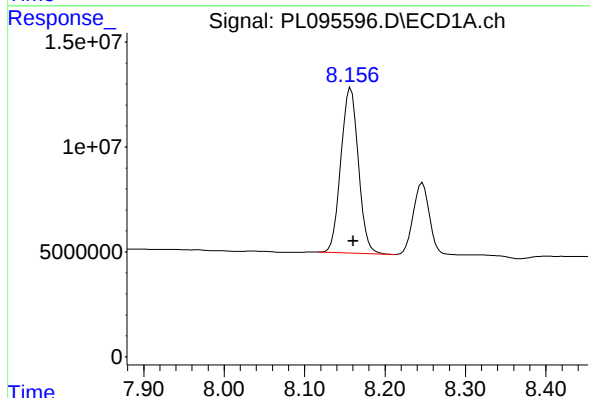
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/09/2025
Supervised By :mohammad ahmed 05/12/2025



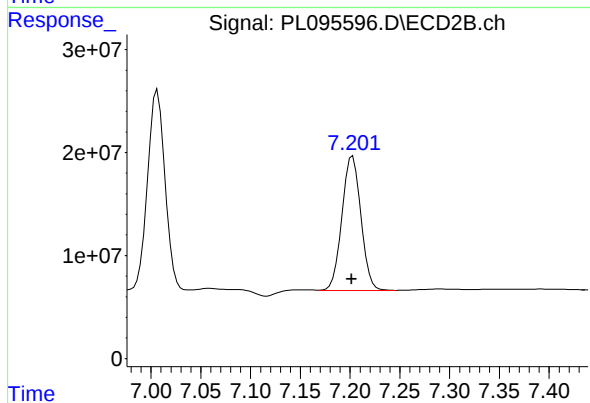
#21 Endrin ketone

R.T.: 7.006 min
Delta R.T.: 0.002 min
Response: 235923680
Conc: 67.00 ng/ml



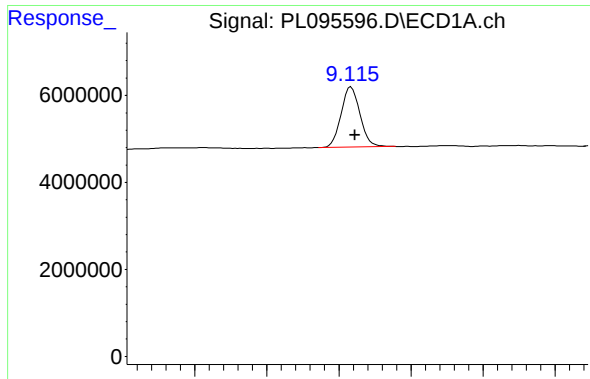
#22 Mirex

R.T.: 8.158 min
Delta R.T.: -0.003 min
Response: 119215706
Conc: 50.17 ng/ml



#22 Mirex

R.T.: 7.201 min
Delta R.T.: 0.000 min
Response: 173840827
Conc: 60.31 ng/ml m



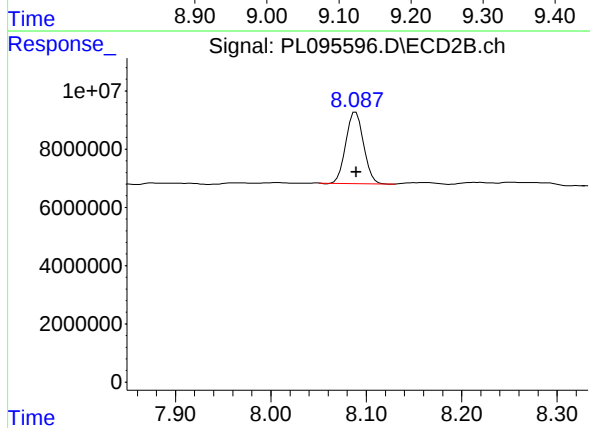
#28 Decachlorobiphenyl

R.T.: 9.117 min
Delta R.T.: -0.006 min
Response: 25246393
Conc: 9.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-LLMS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/09/2025
Supervised By :mohammad ahmed 05/12/2025



#28 Decachlorobiphenyl

R.T.: 8.089 min
Delta R.T.: 0.000 min
Response: 31965886
Conc: 10.80 ng/ml