

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060325\
 Data File : PL095907.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Jun 2025 19:18
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/04/2025
 Supervised By : mohammad ahmed 06/05/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 04 03:40:27 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL052125.M
 Quant Title : GC Extractables
 QLast Update : Thu May 22 06:29:30 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...	3.572	2.885	173.4E6	223.8E6	54.959	57.174
28)	SA Decachlor...	9.097	8.059	115.5E6	225.8E6	49.017	51.624
Target Compounds							
2)	A alpha-BHC	4.024	3.395	268.4E6	346.5E6	55.359	59.153
3)	MA gamma-BHC...	4.355	3.729	246.9E6	325.9E6	55.212	58.186
4)	MA Heptachlor	4.953	4.081	203.4E6	314.5E6	53.750	56.077
5)	MB Aldrin	5.295	4.364	234.0E6	308.2E6	54.702	58.065m
6)	B beta-BHC	4.542	4.024	106.9E6	142.1E6	54.215	57.341
7)	B delta-BHC	4.791	4.259	242.7E6	328.8E6	54.747	58.214
8)	B Heptachlo...	5.716	4.867	206.6E6	283.8E6	54.137	57.475
9)	A Endosulfan I	6.099	5.239	194.9E6	252.1E6	53.177	52.913
10)	B gamma-Chl...	5.969	5.120	206.1E6	304.2E6	52.953m	57.912
11)	B alpha-Chl...	6.051	5.184	209.3E6	300.0E6	53.020	57.655
12)	B 4,4'-DDE	6.221	5.370	187.8E6	293.8E6	51.204	54.794m
13)	MA Dieldrin	6.371	5.504	206.1E6	303.6E6	53.396	57.290
14)	MA Endrin	6.599	5.778	156.5E6	252.3E6	48.513	51.742m
15)	B Endosulfa...	6.812	6.070	165.2E6	267.7E6	47.935	56.331
16)	A 4,4'-DDD	6.731	5.923	158.8E6	255.4E6	54.172	58.238
17)	MA 4,4'-DDT	7.046	6.176	129.2E6	233.8E6	47.762	48.892
18)	B Endrin al...	6.940	6.247	125.8E6	189.9E6	52.045	54.982
19)	B Endosulfa...	7.175	6.471	153.3E6	245.9E6	51.324	54.714
20)	A Methoxychlor	7.519	6.746	61704179	123.4E6	48.383	47.167
21)	B Endrin ke...	7.655	6.976	167.9E6	284.8E6	53.029	55.048
22)	Mirex	8.136	7.170	119.5E6	213.2E6	51.655	52.508

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060325\
Data File : PL095907.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Jun 2025 19:18
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

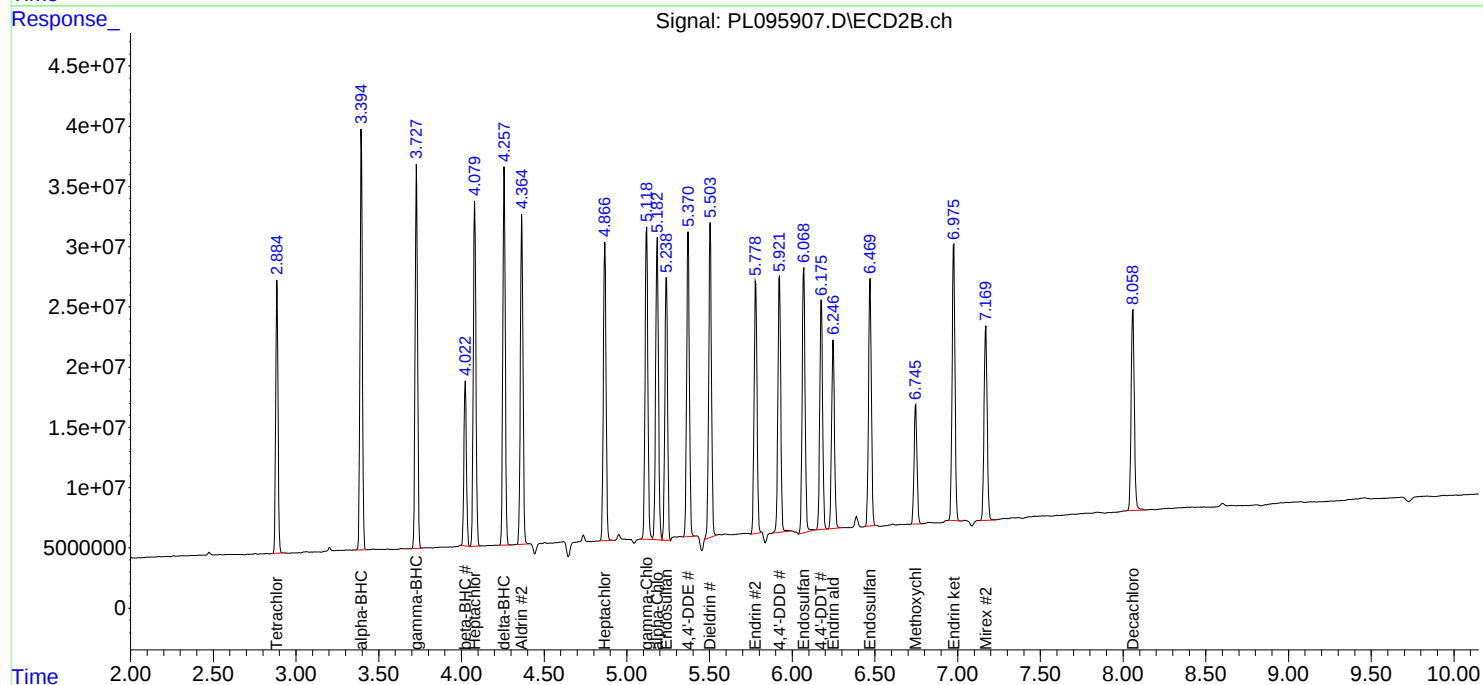
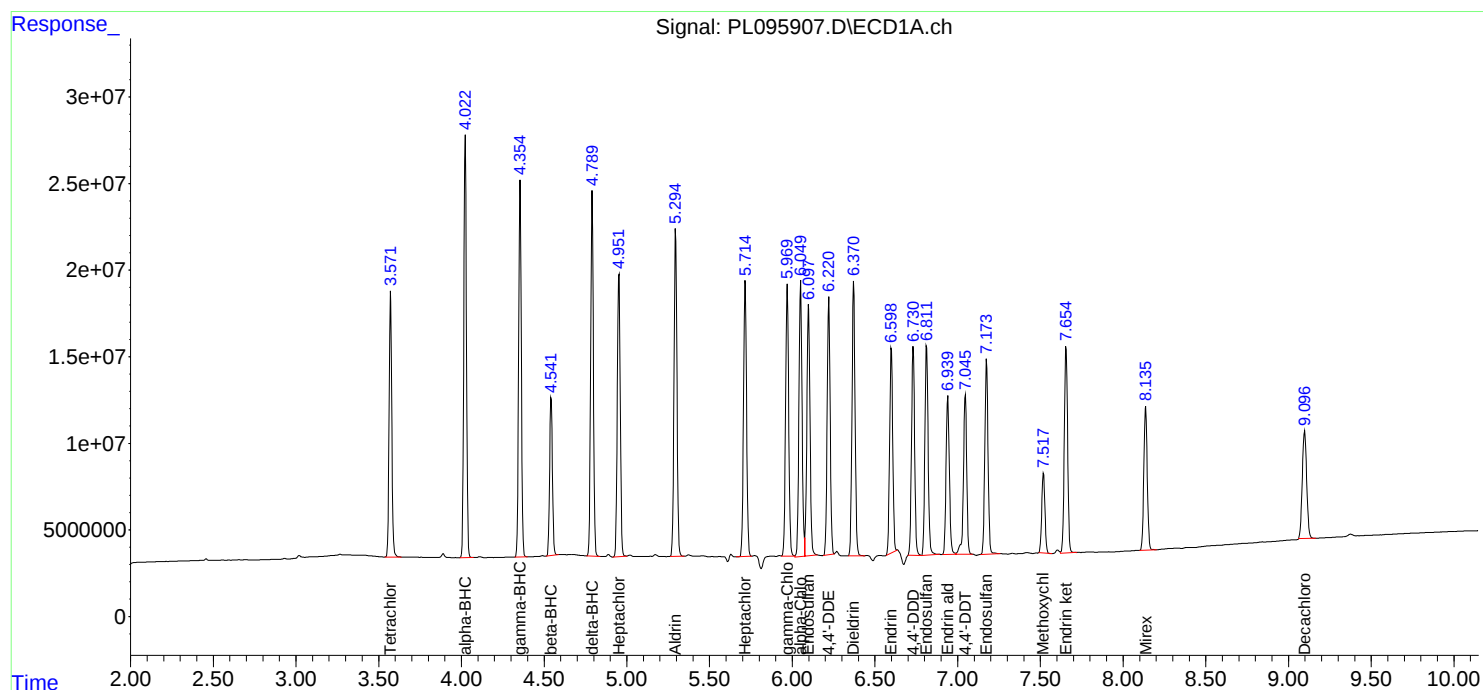
APPROVED

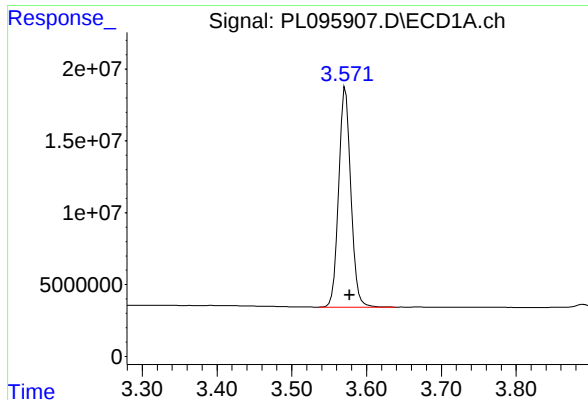
Reviewed By :Abdul Mirza 06/04/2025

Supervised By :mohammad ahmed 06/05/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 04 03:40:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL052125.M
Quant Title : GC Extractables
QLast Update : Thu May 22 06:29:30 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





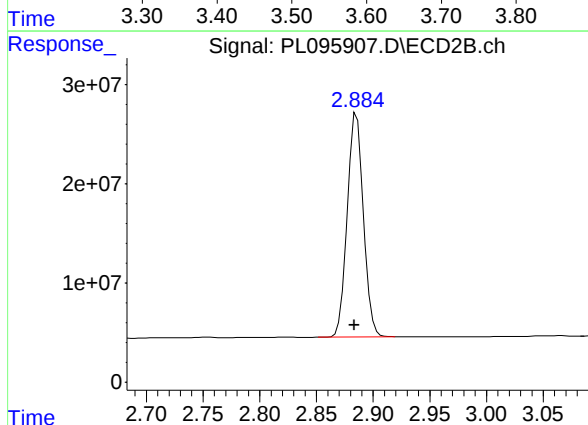
#1 Tetrachloro-m-xylene

R.T.: 3.572 min
Delta R.T.: -0.005 min
Response: 173409721
Conc: 54.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

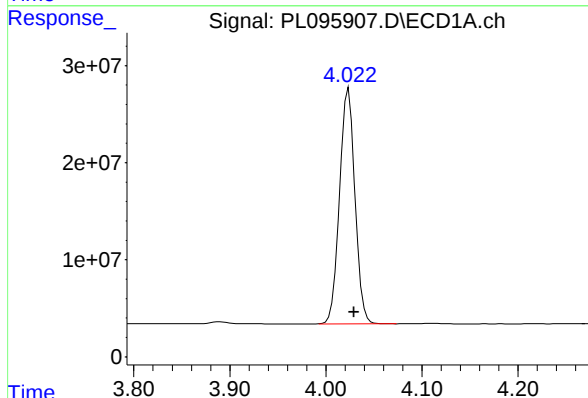
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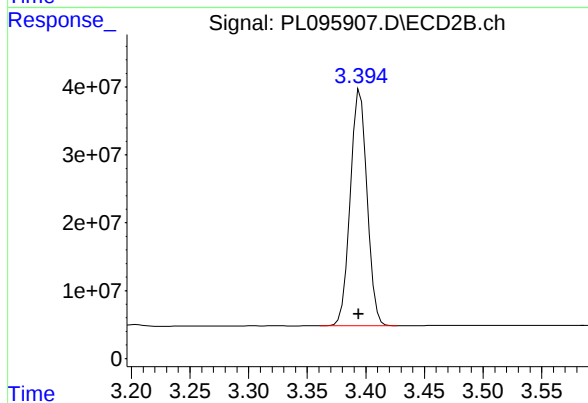
#1 Tetrachloro-m-xylene

R.T.: 2.885 min
Delta R.T.: 0.002 min
Response: 223777034
Conc: 57.17 ng/ml



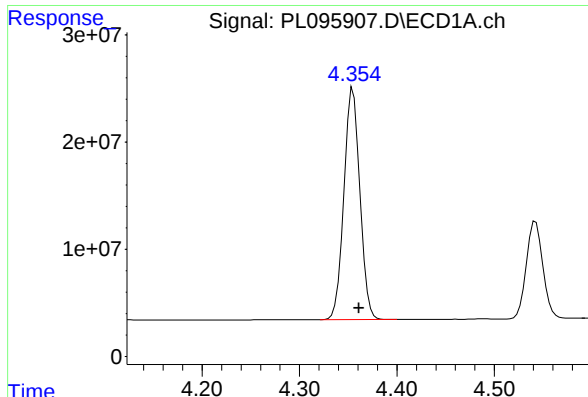
#2 alpha-BHC

R.T.: 4.024 min
Delta R.T.: -0.006 min
Response: 268377006
Conc: 55.36 ng/ml



#2 alpha-BHC

R.T.: 3.395 min
Delta R.T.: 0.001 min
Response: 346478637
Conc: 59.15 ng/ml



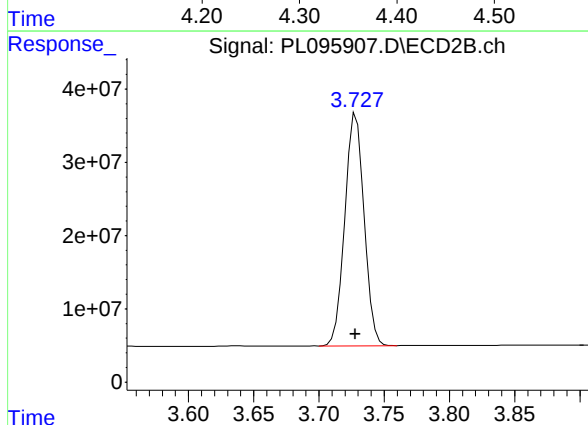
#3 gamma-BHC (Lindane)

R.T.: 4.355 min
Delta R.T.: -0.006 min
Response: 246901099
Conc: 55.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

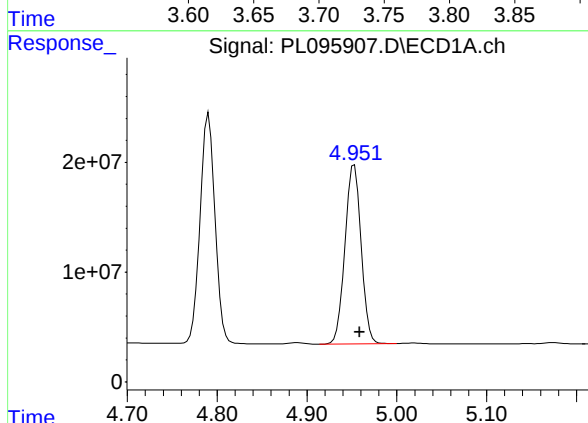
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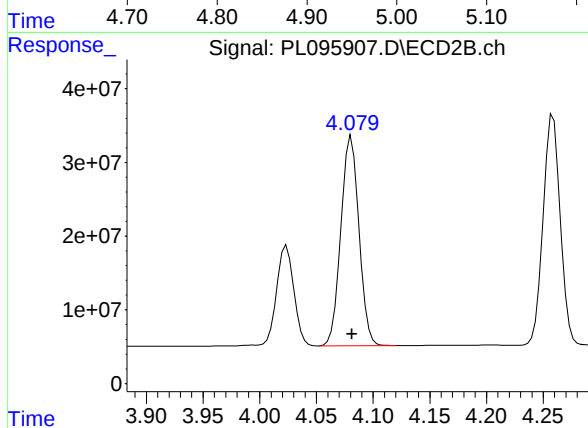
#3 gamma-BHC (Lindane)

R.T.: 3.729 min
Delta R.T.: 0.000 min
Response: 325912950
Conc: 58.19 ng/ml



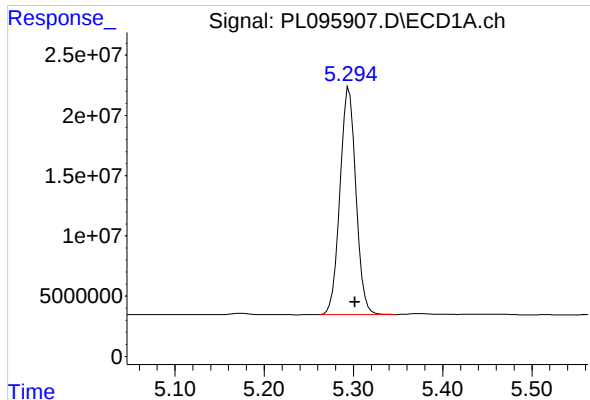
#4 Heptachlor

R.T.: 4.953 min
Delta R.T.: -0.006 min
Response: 203445224
Conc: 53.75 ng/ml



#4 Heptachlor

R.T.: 4.081 min
Delta R.T.: 0.000 min
Response: 314541877
Conc: 56.08 ng/ml



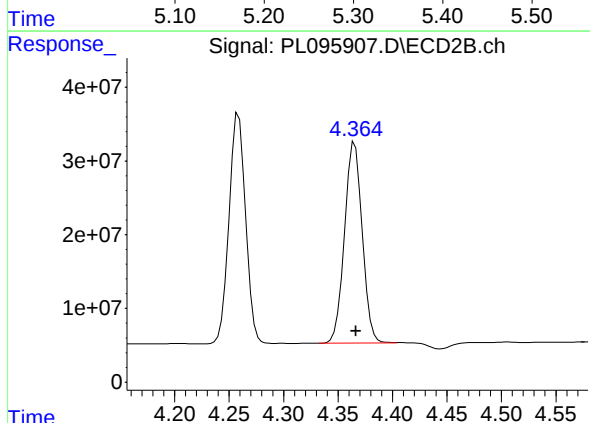
#5 Aldrin

R.T.: 5.295 min
Delta R.T.: -0.007 min
Response: 234001361
Conc: 54.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

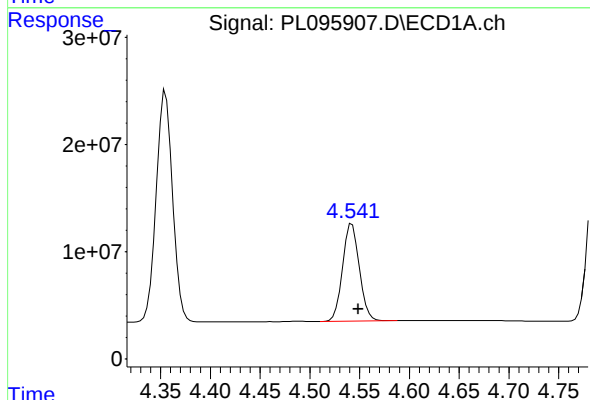
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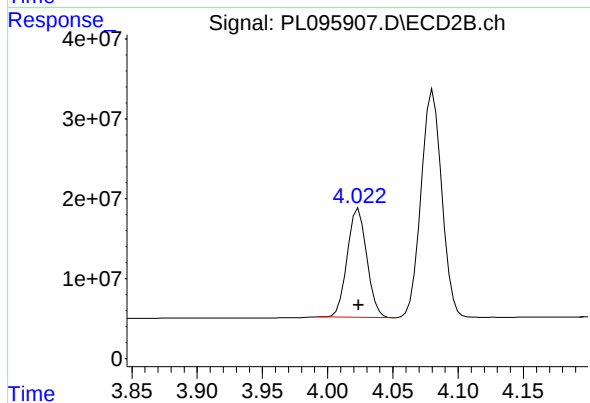
#5 Aldrin

R.T.: 4.364 min
Delta R.T.: -0.002 min
Response: 308156714
Conc: 58.06 ng/ml



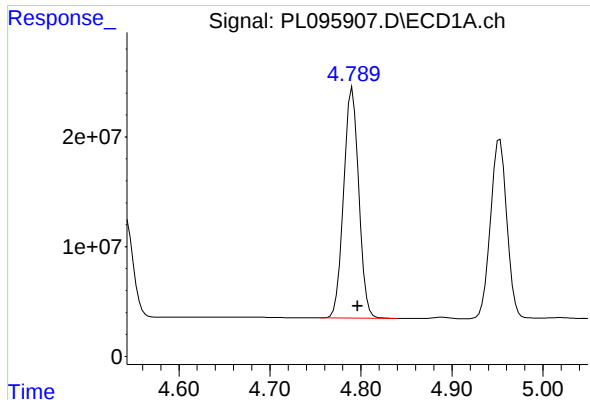
#6 beta-BHC

R.T.: 4.542 min
Delta R.T.: -0.006 min
Response: 106876680
Conc: 54.21 ng/ml



#6 beta-BHC

R.T.: 4.024 min
Delta R.T.: 0.000 min
Response: 142065216
Conc: 57.34 ng/ml



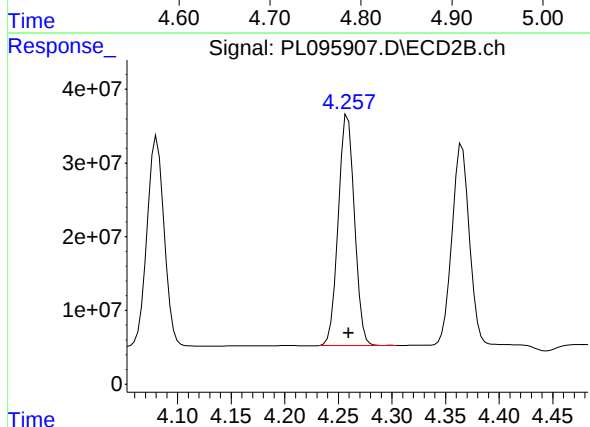
#7 delta-BHC

R.T.: 4.791 min
Delta R.T.: -0.006 min
Response: 242725780
Conc: 54.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

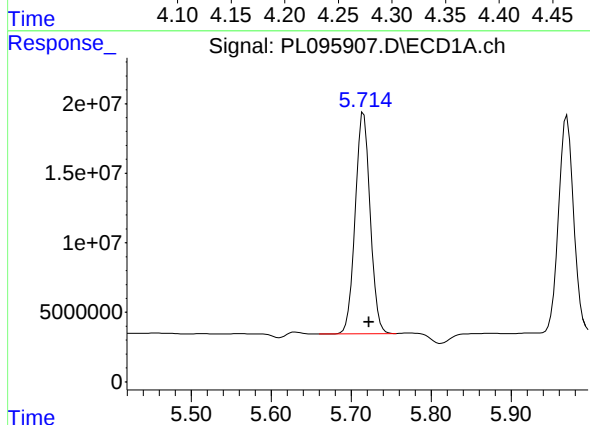
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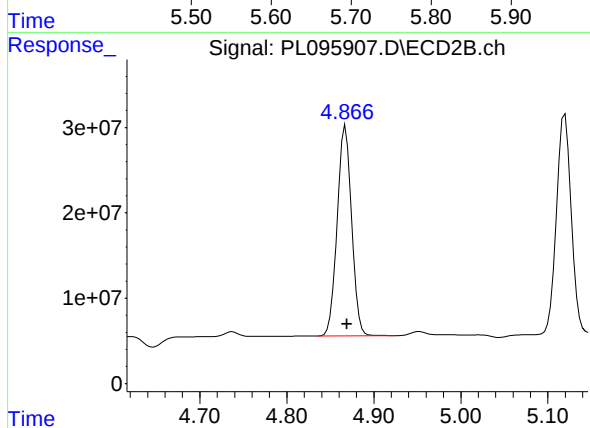
#7 delta-BHC

R.T.: 4.259 min
Delta R.T.: 0.000 min
Response: 328756758
Conc: 58.21 ng/ml



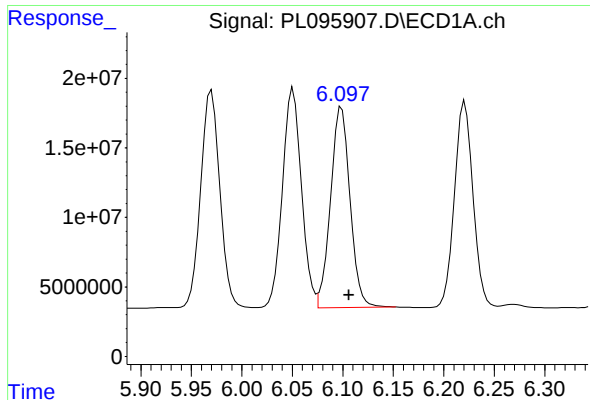
#8 Heptachlor epoxide

R.T.: 5.716 min
Delta R.T.: -0.007 min
Response: 206634463
Conc: 54.14 ng/ml



#8 Heptachlor epoxide

R.T.: 4.867 min
Delta R.T.: -0.002 min
Response: 283780635
Conc: 57.48 ng/ml



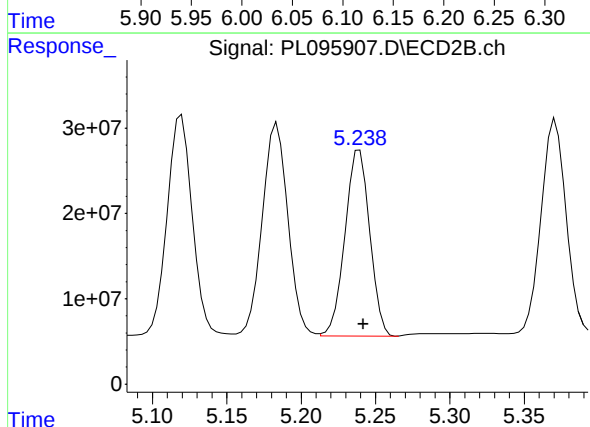
#9 Endosulfan I

R.T.: 6.099 min
Delta R.T.: -0.007 min
Response: 194884768
Conc: 53.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

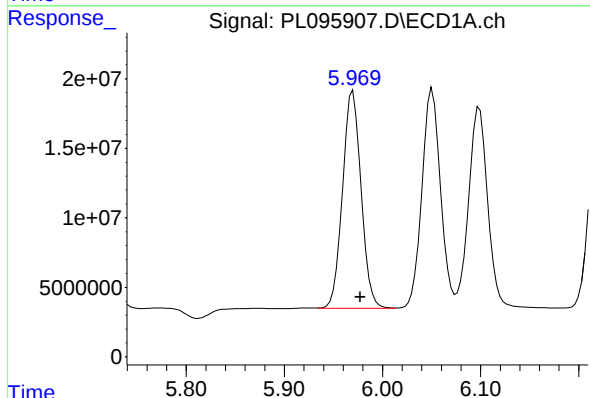
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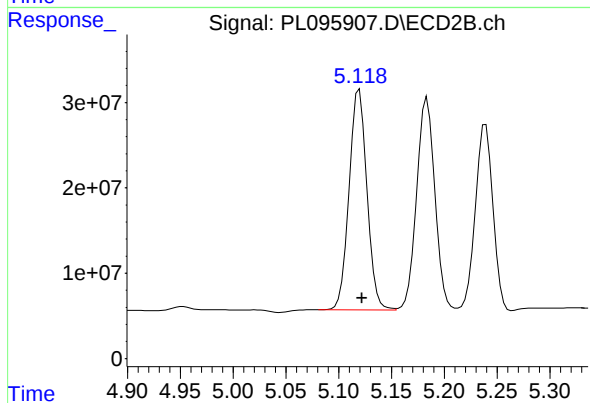
#9 Endosulfan I

R.T.: 5.239 min
Delta R.T.: -0.003 min
Response: 252131302
Conc: 52.91 ng/ml



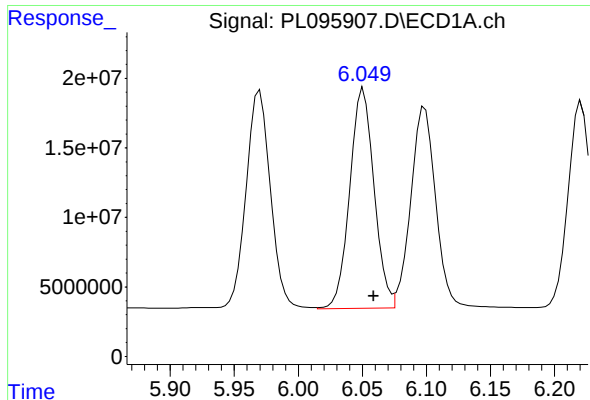
#10 gamma-Chlordane

R.T.: 5.969 min
Delta R.T.: -0.009 min
Response: 206098380
Conc: 52.95 ng/ml m



#10 gamma-Chlordane

R.T.: 5.120 min
Delta R.T.: -0.002 min
Response: 304195346
Conc: 57.91 ng/ml



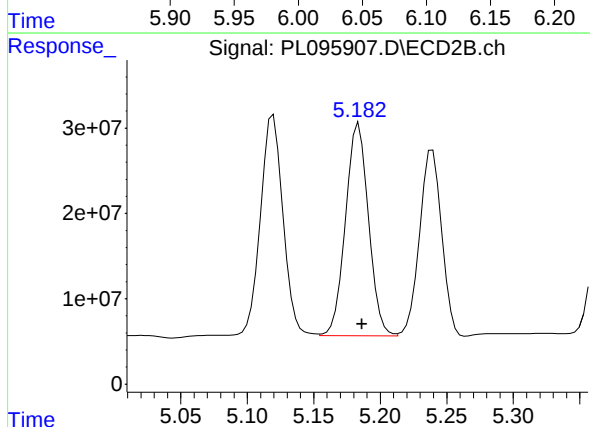
#11 alpha-Chlordane

R.T.: 6.051 min
Delta R.T.: -0.008 min
Response: 209332135
Conc: 53.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

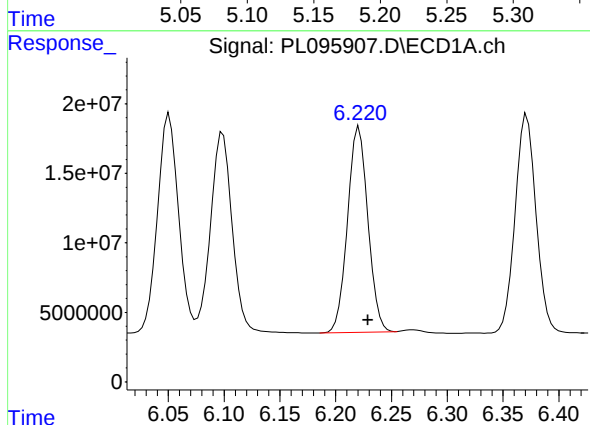
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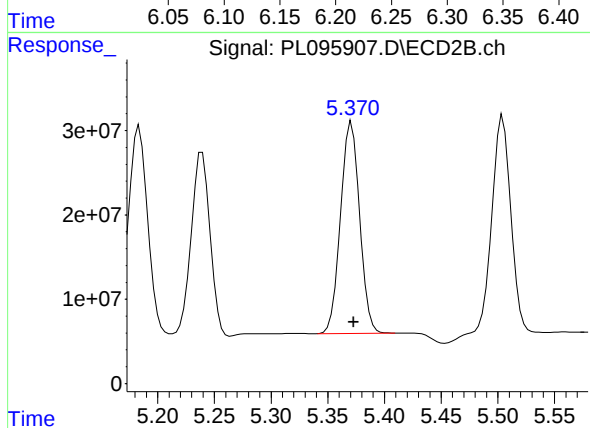
#11 alpha-Chlordane

R.T.: 5.184 min
Delta R.T.: -0.003 min
Response: 299966129
Conc: 57.66 ng/ml



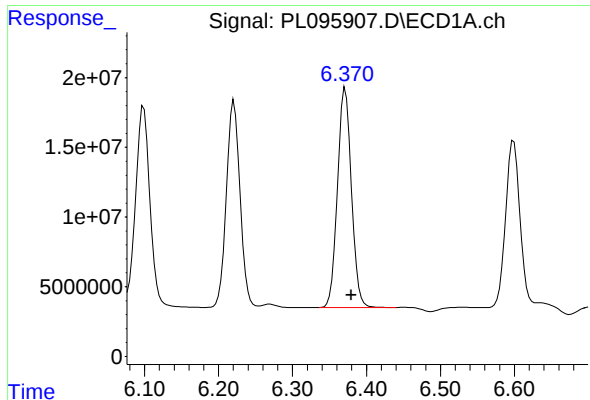
#12 4,4'-DDE

R.T.: 6.221 min
Delta R.T.: -0.008 min
Response: 187811169
Conc: 51.20 ng/ml



#12 4,4'-DDE

R.T.: 5.370 min
Delta R.T.: -0.003 min
Response: 293815707
Conc: 54.79 ng/ml m



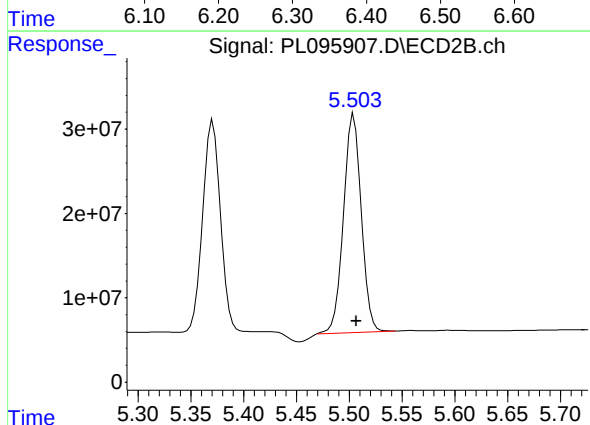
#13 Dieldrin

R.T.: 6.371 min
Delta R.T.: -0.008 min
Response: 206066013
Conc: 53.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

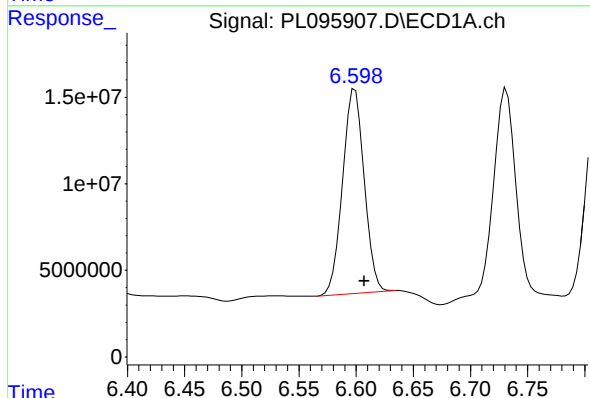
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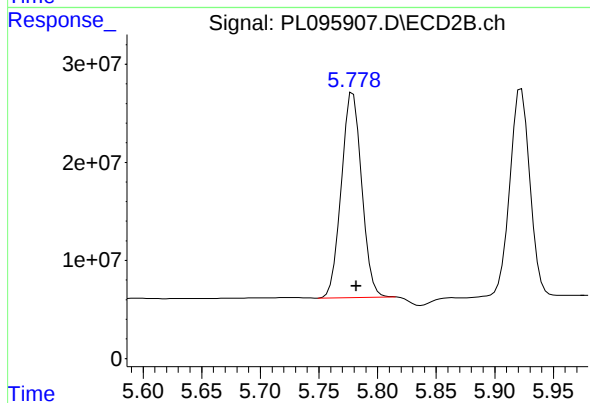
#13 Dieldrin

R.T.: 5.504 min
Delta R.T.: -0.002 min
Response: 303641190
Conc: 57.29 ng/ml



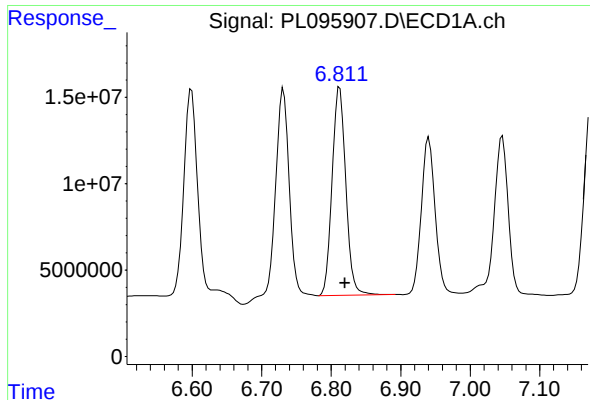
#14 Endrin

R.T.: 6.599 min
Delta R.T.: -0.008 min
Response: 156539604
Conc: 48.51 ng/ml



#14 Endrin

R.T.: 5.778 min
Delta R.T.: -0.004 min
Response: 252298452
Conc: 51.74 ng/ml m



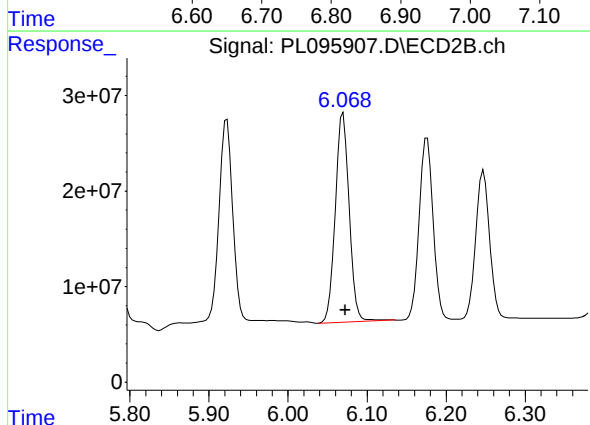
#15 Endosulfan II

R.T.: 6.812 min
Delta R.T.: -0.008 min
Response: 165186294
Conc: 47.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

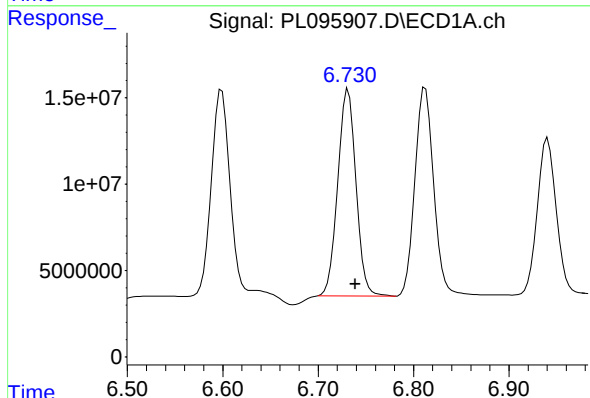
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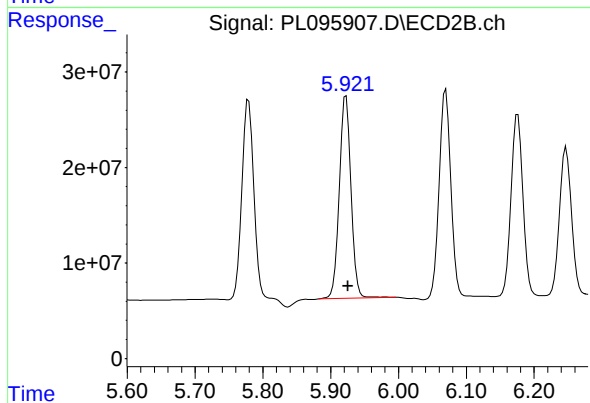
#15 Endosulfan II

R.T.: 6.070 min
Delta R.T.: -0.003 min
Response: 267670514
Conc: 56.33 ng/ml



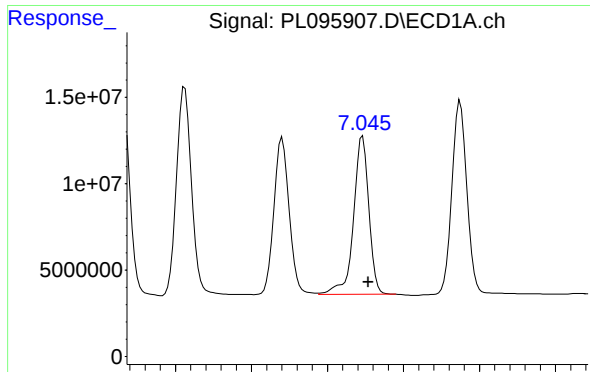
#16 4,4'-DDD

R.T.: 6.731 min
Delta R.T.: -0.007 min
Response: 158756044
Conc: 54.17 ng/ml



#16 4,4'-DDD

R.T.: 5.923 min
Delta R.T.: -0.003 min
Response: 255369960
Conc: 58.24 ng/ml



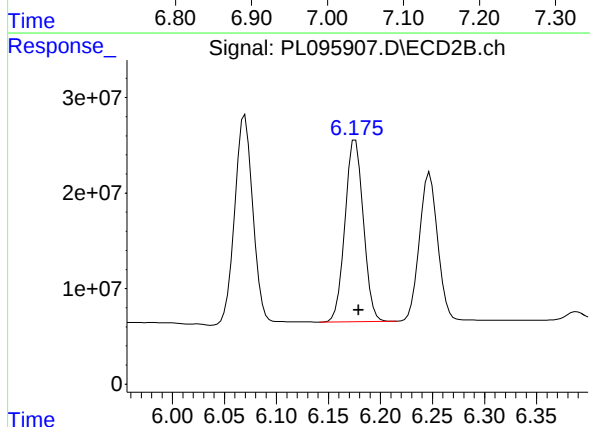
#17 4,4'-DDT

R.T.: 7.046 min
Delta R.T.: -0.008 min
Response: 129203568
Conc: 47.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

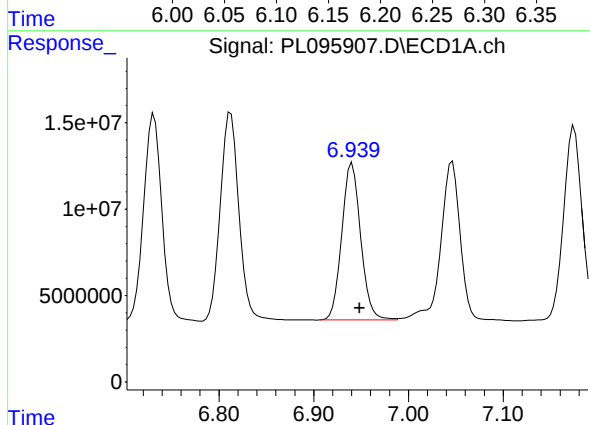
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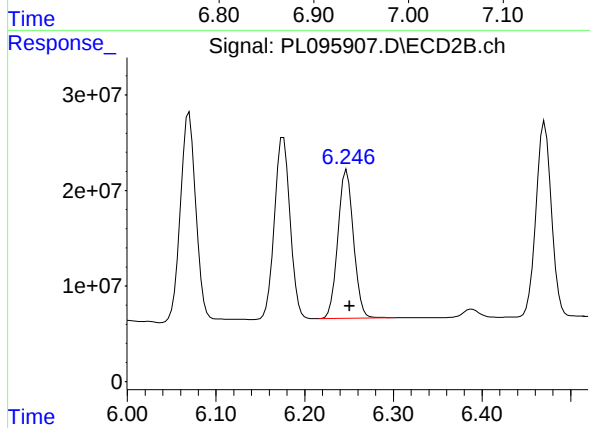
#17 4,4'-DDT

R.T.: 6.176 min
Delta R.T.: -0.003 min
Response: 233831269
Conc: 48.89 ng/ml



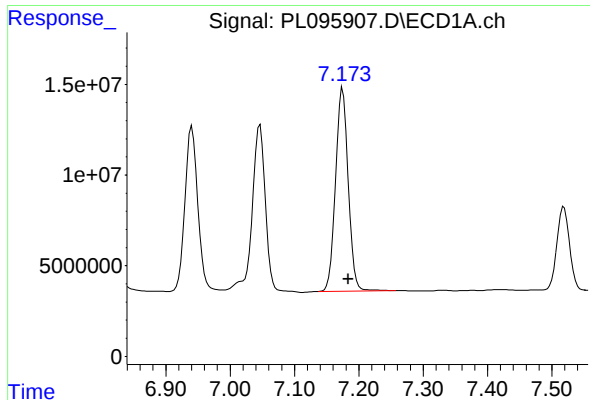
#18 Endrin aldehyde

R.T.: 6.940 min
Delta R.T.: -0.008 min
Response: 125825809
Conc: 52.05 ng/ml



#18 Endrin aldehyde

R.T.: 6.247 min
Delta R.T.: -0.003 min
Response: 189923319
Conc: 54.98 ng/ml



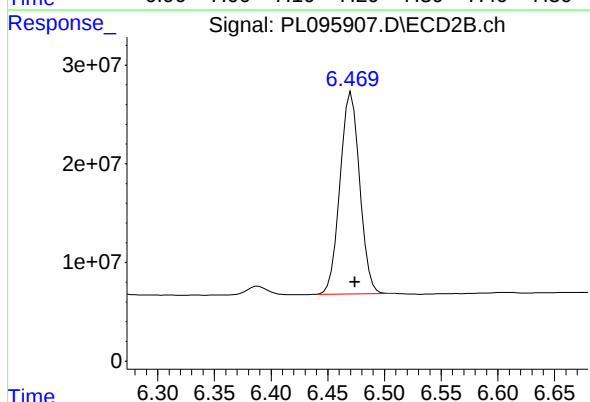
#19 Endosulfan Sulfate

R.T.: 7.175 min
Delta R.T.: -0.009 min
Response: 153302133
Conc: 51.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

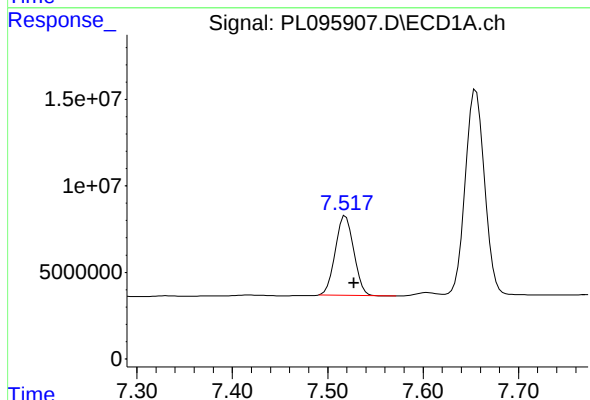
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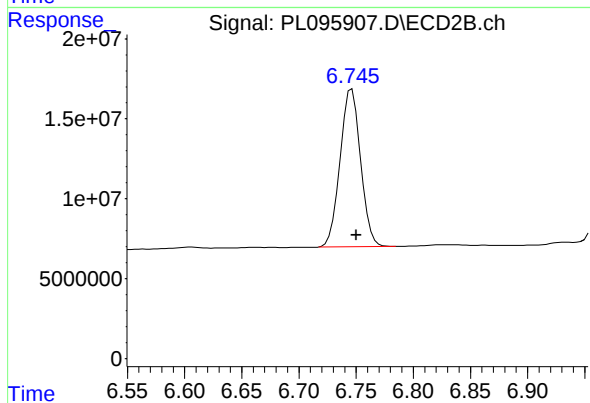
#19 Endosulfan Sulfate

R.T.: 6.471 min
Delta R.T.: -0.003 min
Response: 245927568
Conc: 54.71 ng/ml



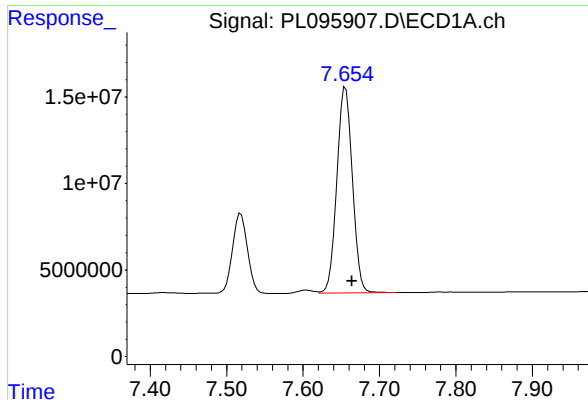
#20 Methoxychlor

R.T.: 7.519 min
Delta R.T.: -0.009 min
Response: 61704179
Conc: 48.38 ng/ml



#20 Methoxychlor

R.T.: 6.746 min
Delta R.T.: -0.004 min
Response: 123393765
Conc: 47.17 ng/ml



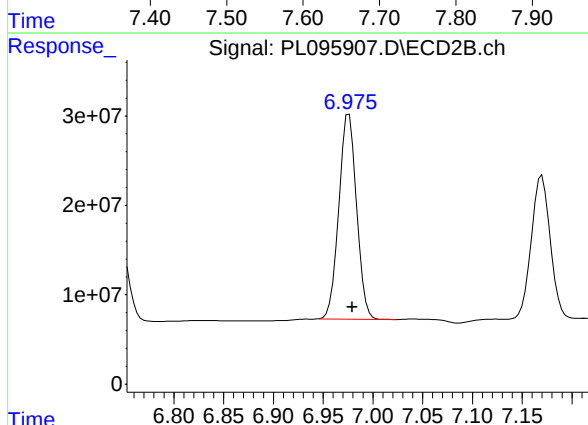
#21 Endrin ketone

R.T.: 7.655 min
Delta R.T.: -0.009 min
Response: 167938901
Conc: 53.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

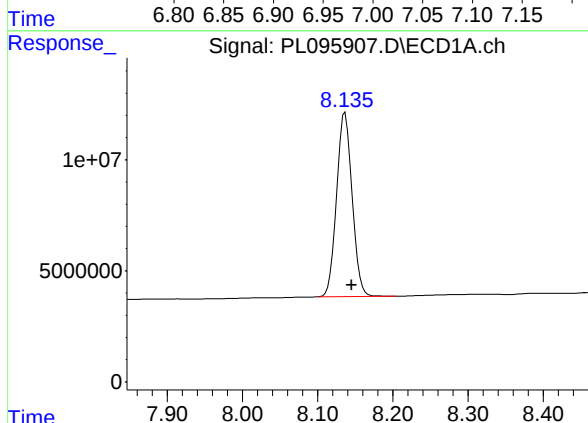
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/04/2025
Supervised By :mohammad ahmed 06/05/2025



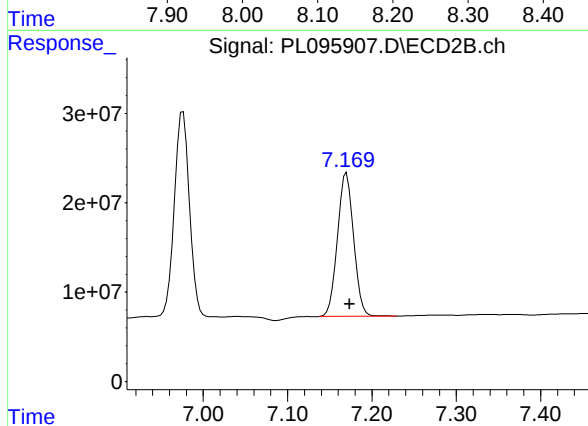
#21 Endrin ketone

R.T.: 6.976 min
Delta R.T.: -0.004 min
Response: 284813550
Conc: 55.05 ng/ml



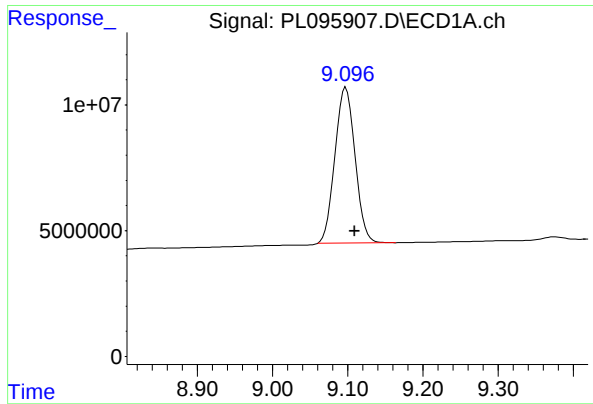
#22 Mirex

R.T.: 8.136 min
Delta R.T.: -0.009 min
Response: 119517422
Conc: 51.65 ng/ml



#22 Mirex

R.T.: 7.170 min
Delta R.T.: -0.004 min
Response: 213207778
Conc: 52.51 ng/ml



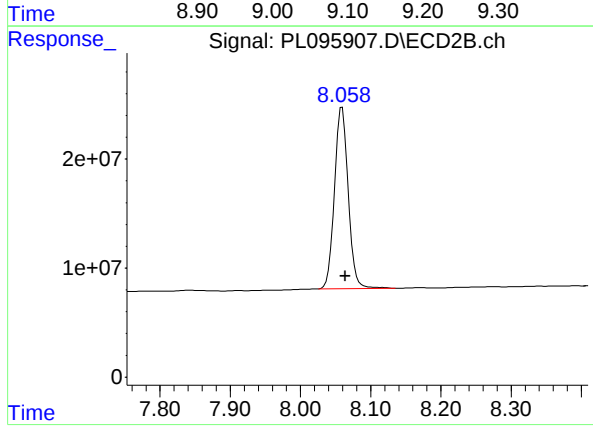
#28 Decachlorobiphenyl

R.T.: 9.097 min
Delta R.T.: -0.012 min
Response: 115500460
Conc: 49.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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Supervised By :mohammad ahmed 06/05/2025



#28 Decachlorobiphenyl

R.T.: 8.059 min
Delta R.T.: -0.004 min
Response: 225828316
Conc: 51.62 ng/ml