

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060525\
 Data File : PL095956.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Jun 2025 16:37
 Operator : AR\AJ
 Sample : Q2208-01MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 BU-703-COMP-06MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/06/2025
 Supervised By : mohammad ahmed 06/09/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 06 00:51:36 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...	3.571	2.886	59816744	76515208	18.958m	19.549
28)	SA Decachlor...	9.098	8.059	37442156	71298358	15.890	16.299
Target Compounds							
2)	A alpha-BHC	4.024	3.395	252.3E6	326.5E6	52.037	55.740
3)	MA gamma-BHC...	4.355	3.728	232.2E6	307.3E6	51.933	54.861
4)	MA Heptachlor	4.953	4.081	190.1E6	290.1E6	50.235	51.722
5)	MB Aldrin	5.295	4.365	219.9E6	290.9E6	51.407	54.818
6)	B beta-BHC	4.543	4.024	101.3E6	130.1E6	51.397	52.507
7)	B delta-BHC	4.791	4.259	226.0E6	306.8E6	50.971	54.324
8)	B Heptachlo...	5.716	4.867	195.3E6	268.8E6	51.161	54.449
9)	A Endosulfan I	6.100	5.239	182.6E6	260.9E6	49.828	54.749
10)	B gamma-Chl...	5.970	5.120	196.3E6	284.6E6	50.434	54.188
11)	B alpha-Chl...	6.051	5.184	195.4E6	281.7E6	49.492	54.139
12)	B 4,4'-DDE	6.222	5.370	183.4E6	282.8E6	49.991	52.731
13)	MA Dieldrin	6.373	5.504	194.9E6	281.2E6	50.491	53.059
14)	MA Endrin	6.600	5.777	144.2E6	233.8E6	44.674	47.953m
15)	B Endosulfa...	6.812	6.068	158.8E6	249.3E6	46.087	52.464m
16)	A 4,4'-DDD	6.732	5.923	152.1E6	242.3E6	51.913	55.246
17)	MA 4,4'-DDT	7.047	6.175	115.6E6	213.0E6	42.743	44.536
18)	B Endrin al...	6.942	6.247	119.4E6	184.6E6	49.372	53.440
19)	B Endosulfa...	7.176	6.470	142.2E6	218.1E6	47.593	48.526
20)	A Methoxychlor	7.519	6.746	55159945	109.7E6	43.252	41.914
21)	B Endrin ke...	7.656	6.976	155.9E6	273.6E6	49.240	52.884
22)	Mirex	8.137	7.170	110.1E6	196.9E6	47.576	48.486

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060525\
Data File : PL095956.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Jun 2025 16:37
Operator : AR\AJ
Sample : Q2208-01MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

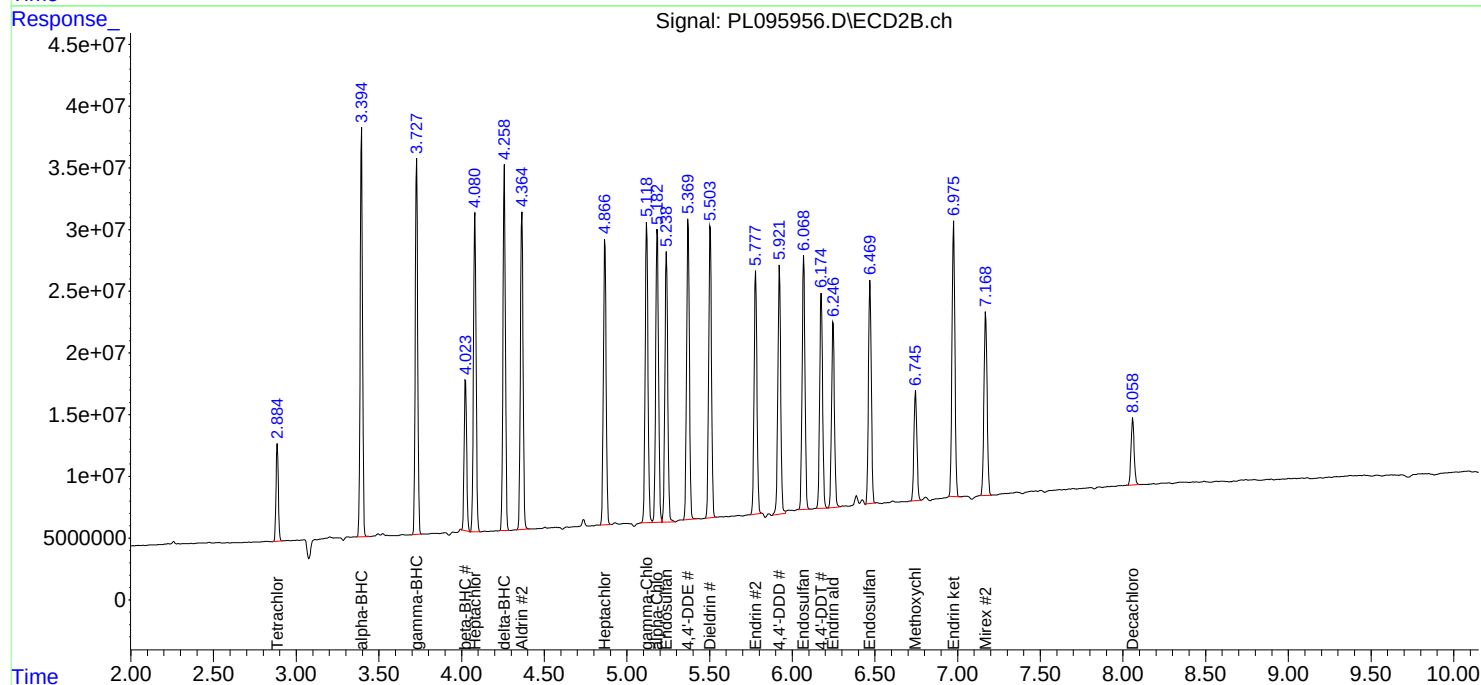
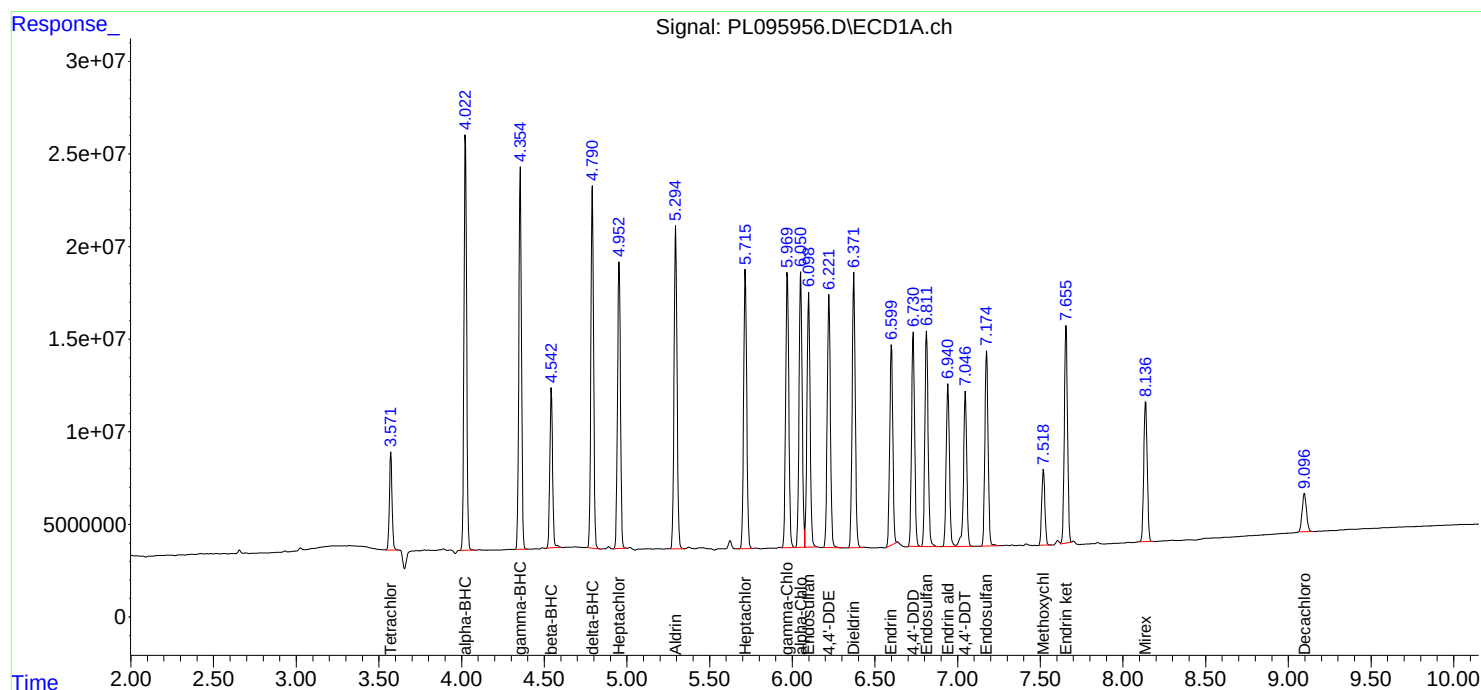
Instrument :
ECD_L
ClientSampleId :
BU-703-COMP-06MS

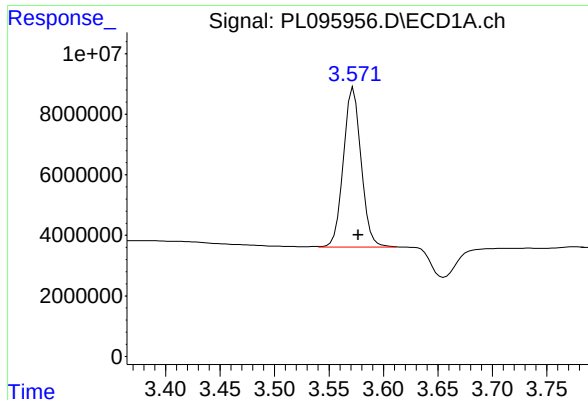
Manual Integrations
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Supervised By : mohammad ahmed 06/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 06 00:51:36 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





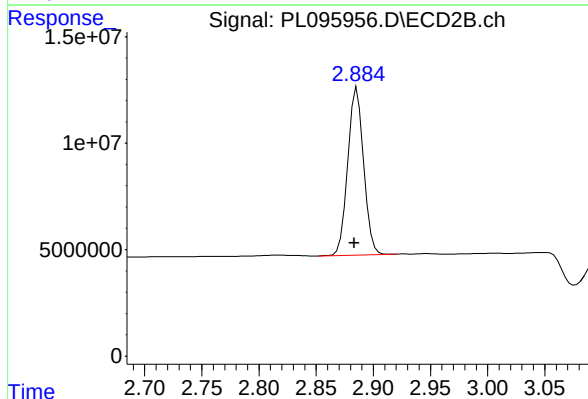
#1 Tetrachloro-m-xylene

R.T.: 3.571 min
Delta R.T.: -0.006 min
Response: 59816744
Conc: 18.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
BU-703-COMP-06MS

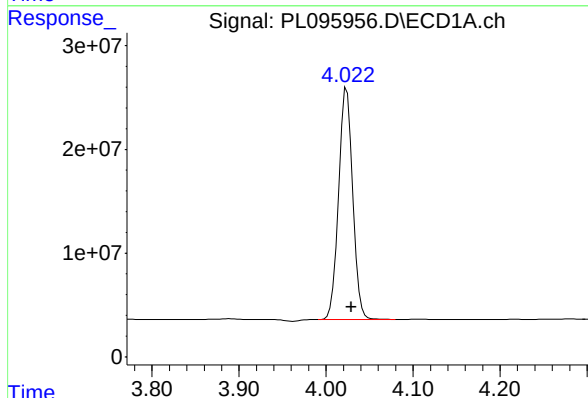
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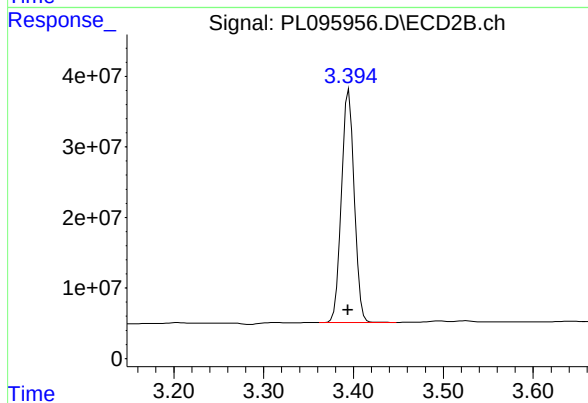
#1 Tetrachloro-m-xylene

R.T.: 2.886 min
Delta R.T.: 0.002 min
Response: 76515208
Conc: 19.55 ng/ml



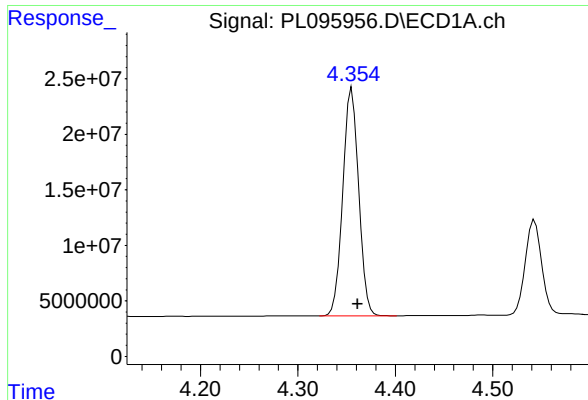
#2 alpha-BHC

R.T.: 4.024 min
Delta R.T.: -0.005 min
Response: 252270519
Conc: 52.04 ng/ml



#2 alpha-BHC

R.T.: 3.395 min
Delta R.T.: 0.001 min
Response: 326485577
Conc: 55.74 ng/ml



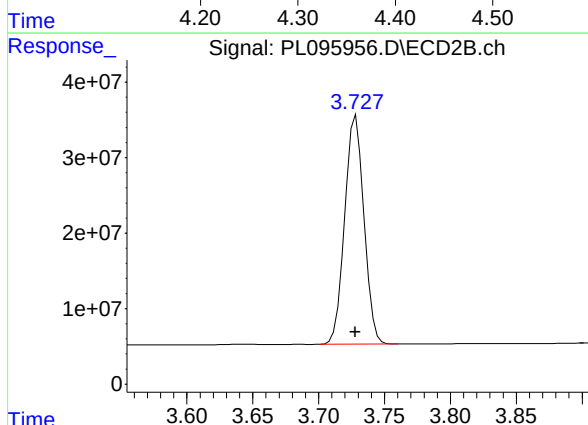
#3 gamma-BHC (Lindane)

R.T.: 4.355 min
Delta R.T.: -0.006 min
Response: 232238829
Conc: 51.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
BU-703-COMP-06MS

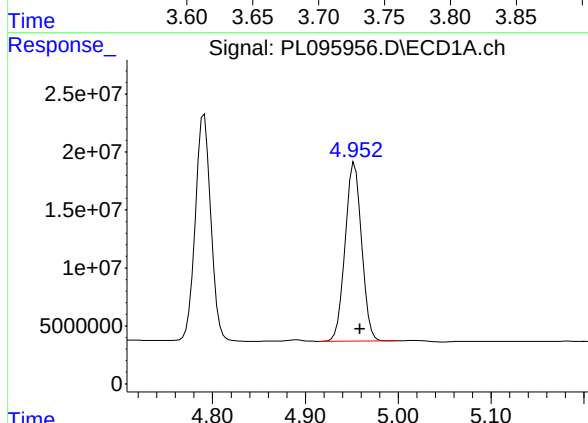
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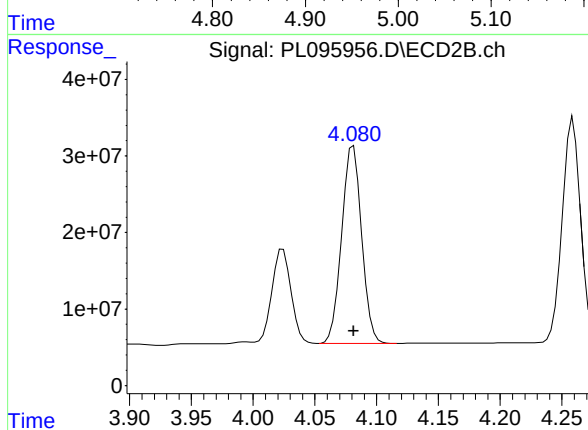
#3 gamma-BHC (Lindane)

R.T.: 3.728 min
Delta R.T.: 0.000 min
Response: 307290436
Conc: 54.86 ng/ml



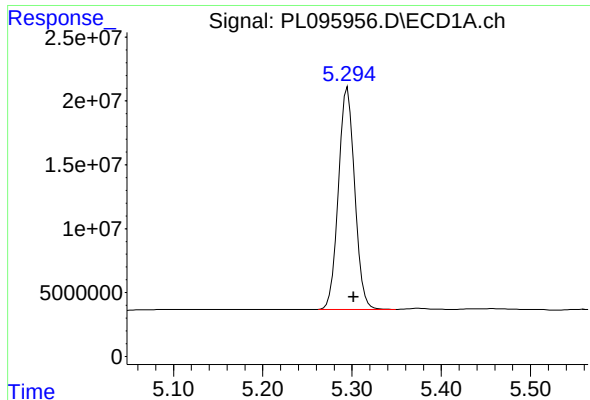
#4 Heptachlor

R.T.: 4.953 min
Delta R.T.: -0.006 min
Response: 190140868
Conc: 50.23 ng/ml



#4 Heptachlor

R.T.: 4.081 min
Delta R.T.: 0.000 min
Response: 290112166
Conc: 51.72 ng/ml



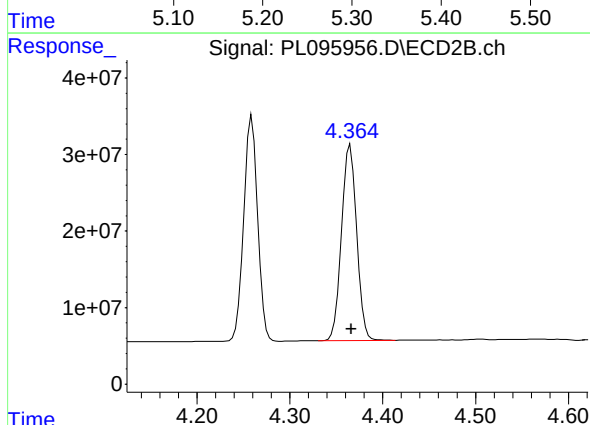
#5 Aldrin

R.T.: 5.295 min
Delta R.T.: -0.007 min
Response: 219904266
Conc: 51.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
BU-703-COMP-06MS

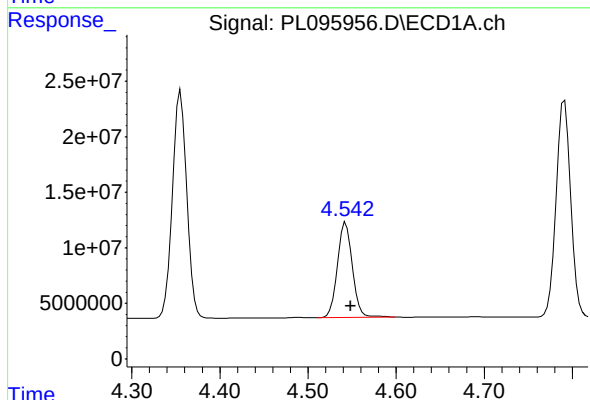
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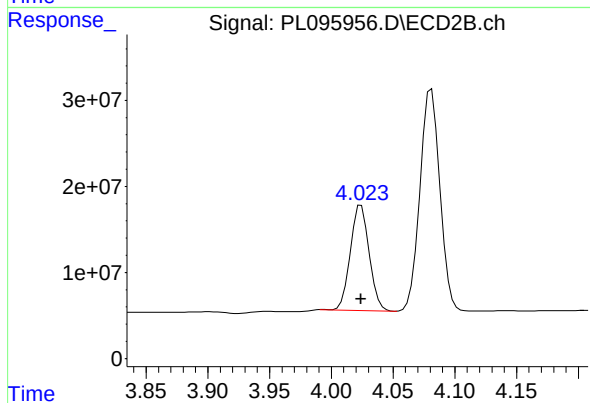
#5 Aldrin

R.T.: 4.365 min
Delta R.T.: -0.001 min
Response: 290926473
Conc: 54.82 ng/ml



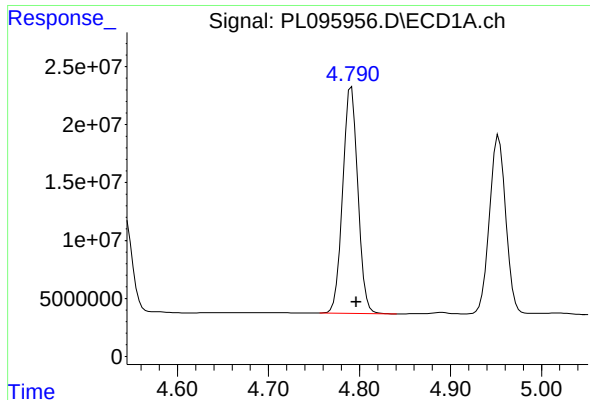
#6 beta-BHC

R.T.: 4.543 min
Delta R.T.: -0.006 min
Response: 101321814
Conc: 51.40 ng/ml



#6 beta-BHC

R.T.: 4.024 min
Delta R.T.: 0.000 min
Response: 130088478
Conc: 52.51 ng/ml



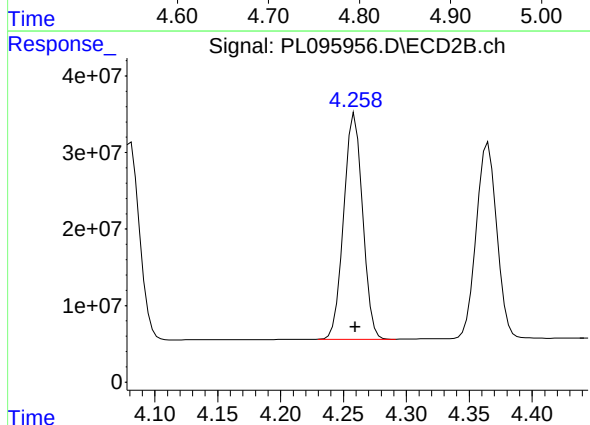
#7 delta-BHC

R.T.: 4.791 min
Delta R.T.: -0.005 min
Response: 225985962
Conc: 50.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
BU-703-COMP-06MS

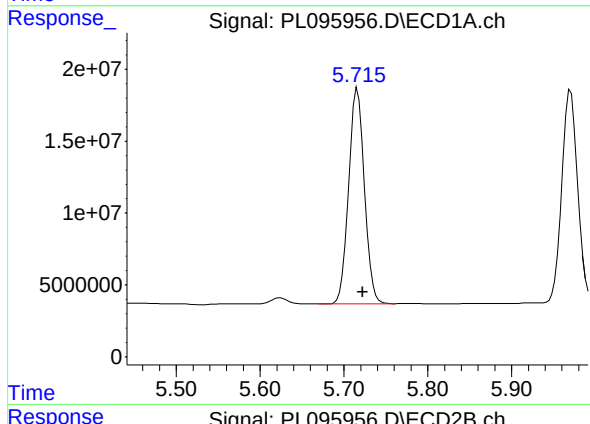
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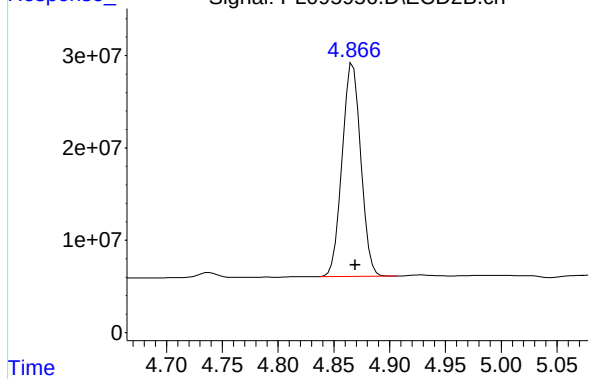
#7 delta-BHC

R.T.: 4.259 min
Delta R.T.: 0.000 min
Response: 306785409
Conc: 54.32 ng/ml



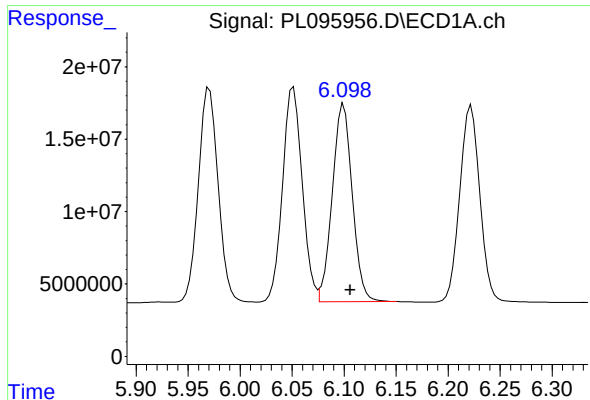
#8 Heptachlor epoxide

R.T.: 5.716 min
Delta R.T.: -0.006 min
Response: 195275092
Conc: 51.16 ng/ml



#8 Heptachlor epoxide

R.T.: 4.867 min
Delta R.T.: -0.002 min
Response: 268836285
Conc: 54.45 ng/ml



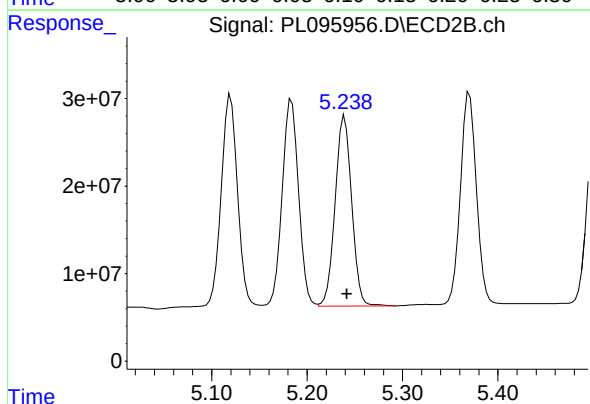
#9 Endosulfan I

R.T.: 6.100 min
Delta R.T.: -0.006 min
Response: 182613115
Conc: 49.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
BU-703-COMP-06MS

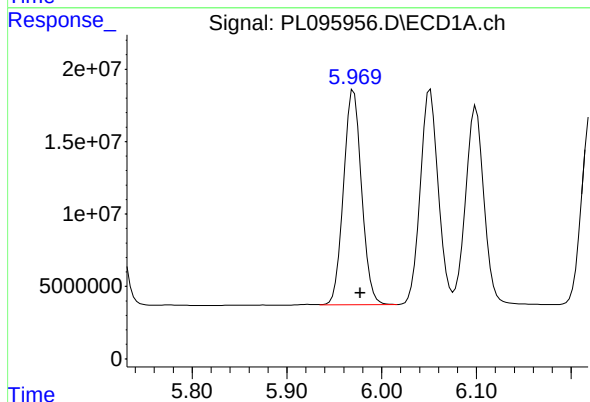
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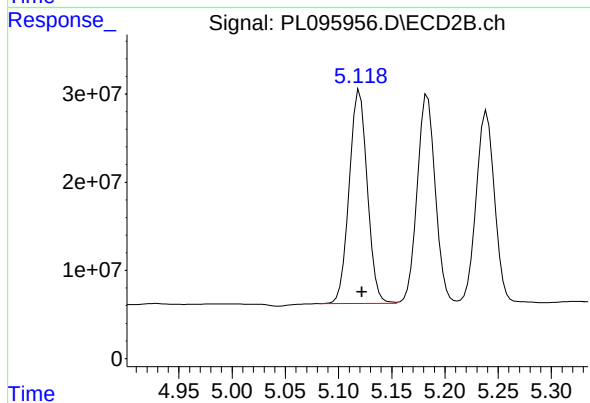
#9 Endosulfan I

R.T.: 5.239 min
Delta R.T.: -0.003 min
Response: 260878111
Conc: 54.75 ng/ml



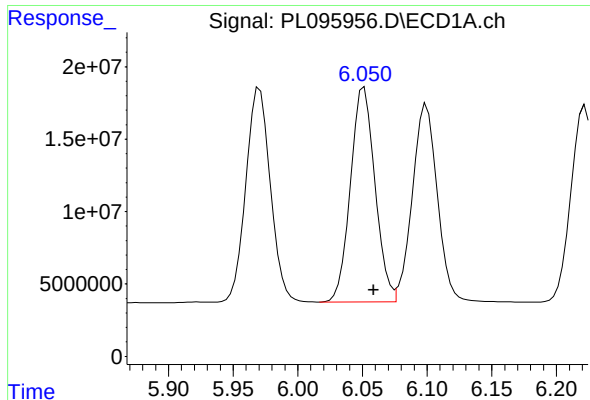
#10 gamma-Chlordane

R.T.: 5.970 min
Delta R.T.: -0.007 min
Response: 196291856
Conc: 50.43 ng/ml



#10 gamma-Chlordane

R.T.: 5.120 min
Delta R.T.: -0.002 min
Response: 284632295
Conc: 54.19 ng/ml



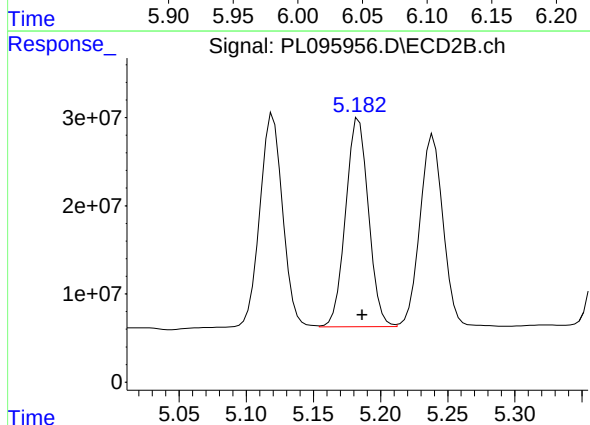
#11 alpha-Chlordane

R.T.: 6.051 min
Delta R.T.: -0.007 min
Response: 195401876
Conc: 49.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
BU-703-COMP-06MS

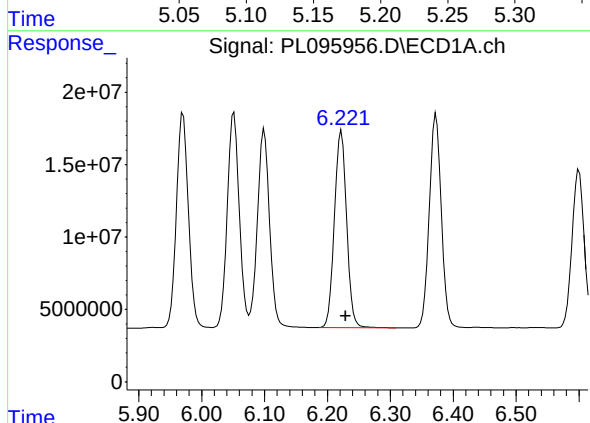
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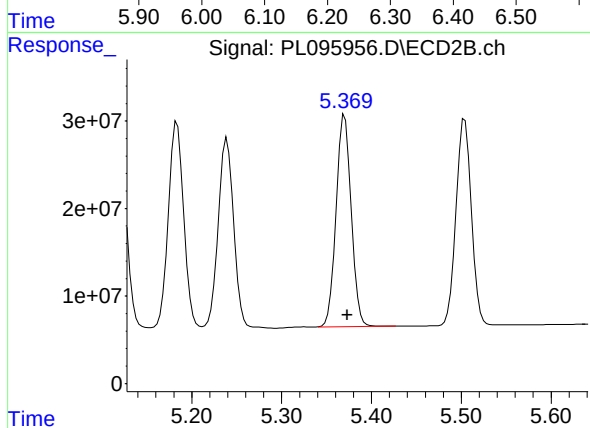
#11 alpha-Chlordane

R.T.: 5.184 min
Delta R.T.: -0.003 min
Response: 281674465
Conc: 54.14 ng/ml



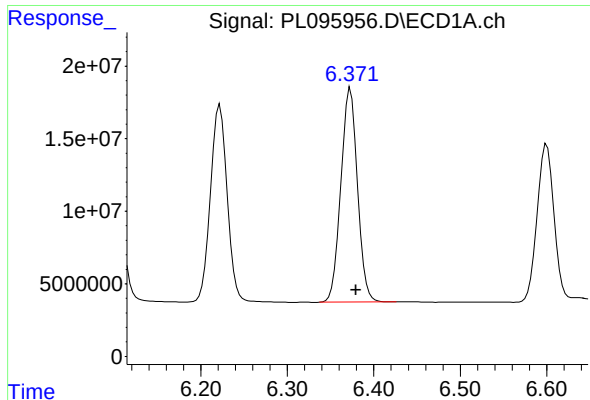
#12 4,4'-DDE

R.T.: 6.222 min
Delta R.T.: -0.007 min
Response: 183362124
Conc: 49.99 ng/ml



#12 4,4'-DDE

R.T.: 5.370 min
Delta R.T.: -0.003 min
Response: 282752014
Conc: 52.73 ng/ml



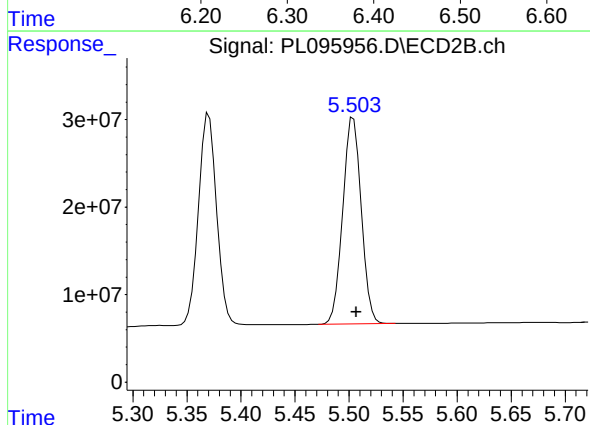
#13 Dieldrin

R.T.: 6.373 min
Delta R.T.: -0.007 min
Response: 194853187
Conc: 50.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
BU-703-COMP-06MS

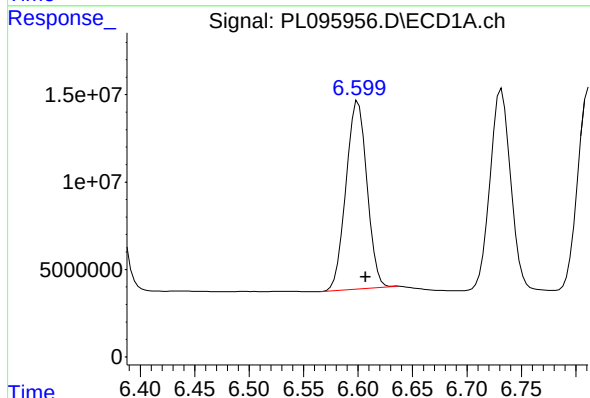
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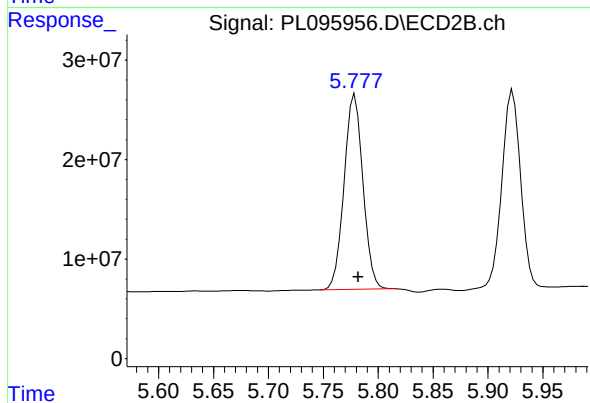
#13 Dieldrin

R.T.: 5.504 min
Delta R.T.: -0.003 min
Response: 281218044
Conc: 53.06 ng/ml



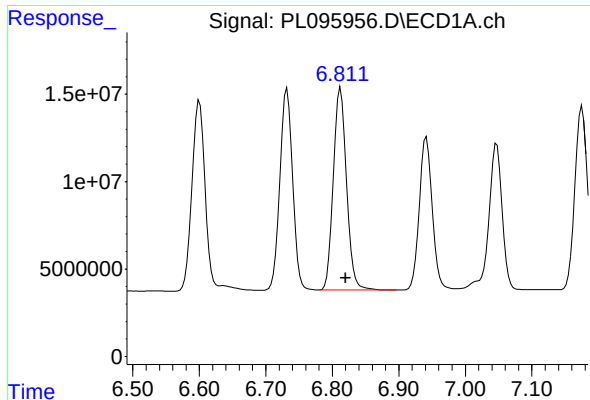
#14 Endrin

R.T.: 6.600 min
Delta R.T.: -0.007 min
Response: 144150862
Conc: 44.67 ng/ml



#14 Endrin

R.T.: 5.777 min
Delta R.T.: -0.004 min
Response: 233821718
Conc: 47.95 ng/ml m



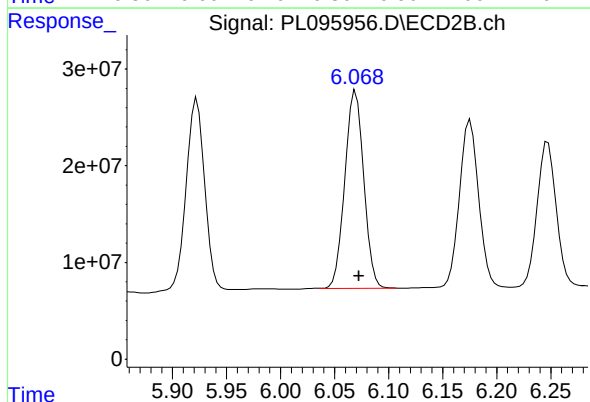
#15 Endosulfan II

R.T.: 6.812 min
Delta R.T.: -0.007 min
Response: 158816438
Conc: 46.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
BU-703-COMP-06MS

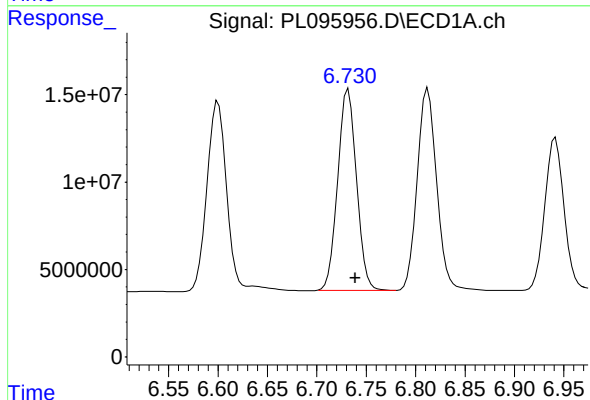
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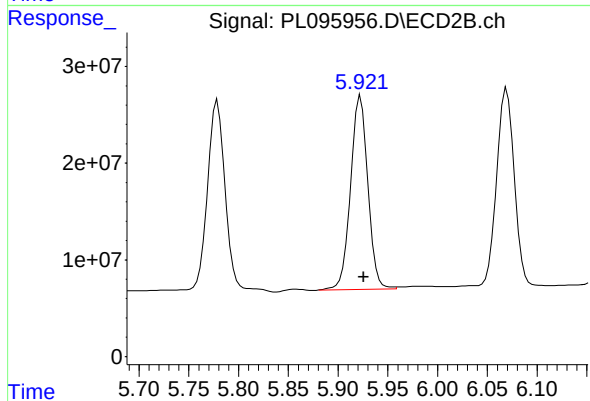
#15 Endosulfan II

R.T.: 6.068 min
Delta R.T.: -0.004 min
Response: 249295298
Conc: 52.46 ng/ml



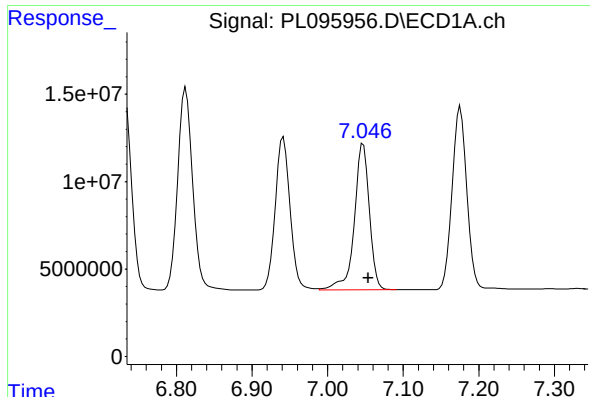
#16 4,4'-DDD

R.T.: 6.732 min
Delta R.T.: -0.007 min
Response: 152135429
Conc: 51.91 ng/ml



#16 4,4'-DDD

R.T.: 5.923 min
Delta R.T.: -0.003 min
Response: 242251312
Conc: 55.25 ng/ml



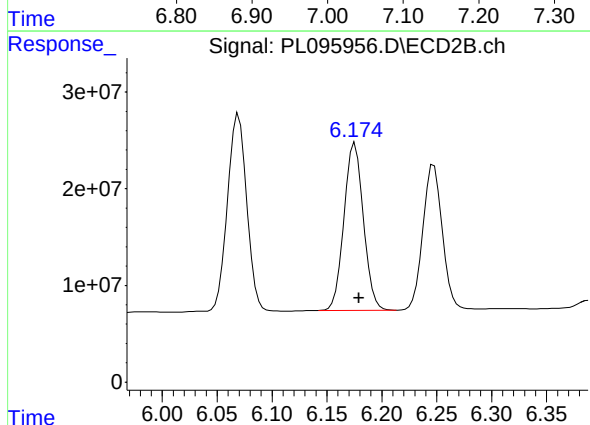
#17 4,4'-DDT

R.T.: 7.047 min
Delta R.T.: -0.007 min
Response: 115626025
Conc: 42.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
BU-703-COMP-06MS

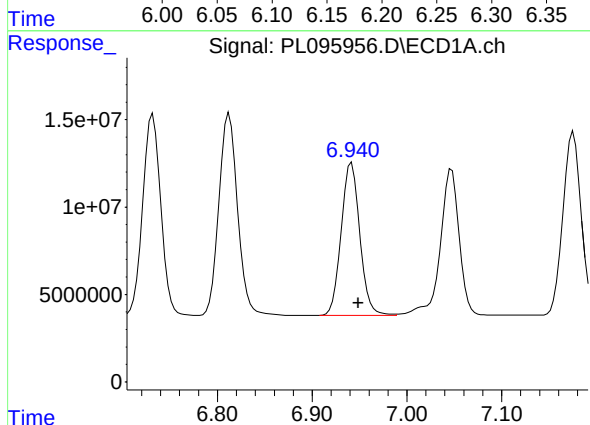
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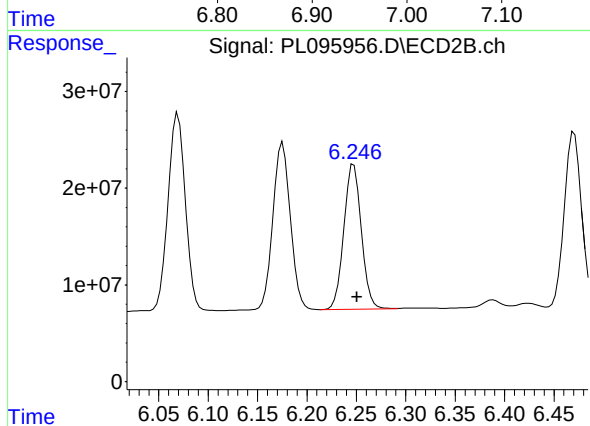
#17 4,4'-DDT

R.T.: 6.175 min
Delta R.T.: -0.004 min
Response: 212999887
Conc: 44.54 ng/ml



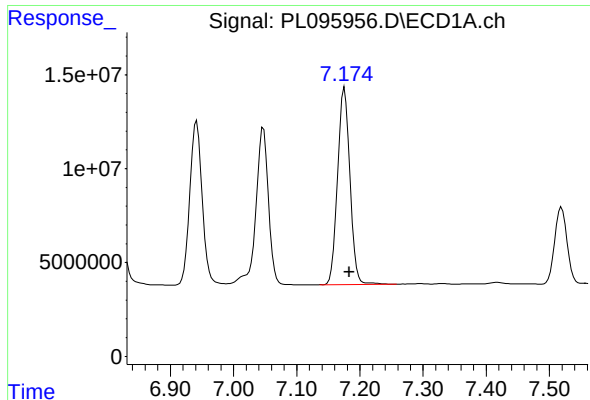
#18 Endrin aldehyde

R.T.: 6.942 min
Delta R.T.: -0.007 min
Response: 119362229
Conc: 49.37 ng/ml



#18 Endrin aldehyde

R.T.: 6.247 min
Delta R.T.: -0.003 min
Response: 184597404
Conc: 53.44 ng/ml



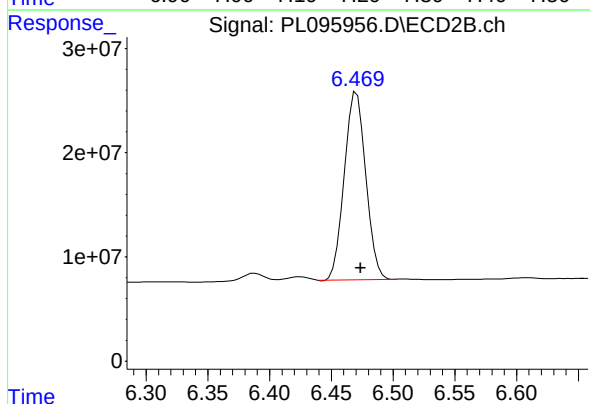
#19 Endosulfan Sulfate

R.T.: 7.176 min
Delta R.T.: -0.008 min
Response: 142155383
Conc: 47.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
BU-703-COMP-06MS

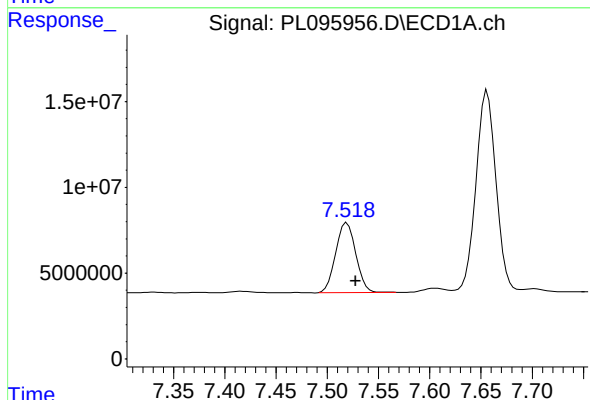
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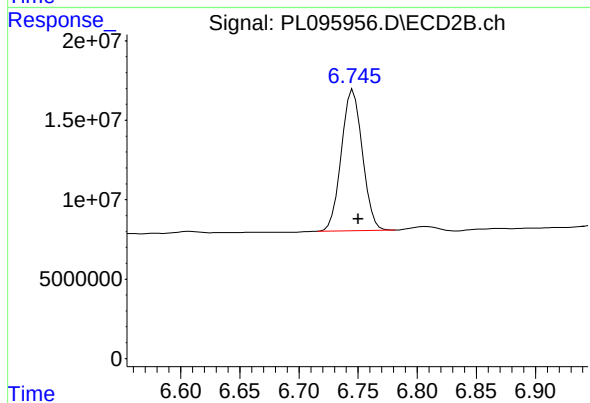
#19 Endosulfan Sulfate

R.T.: 6.470 min
Delta R.T.: -0.003 min
Response: 218110055
Conc: 48.53 ng/ml



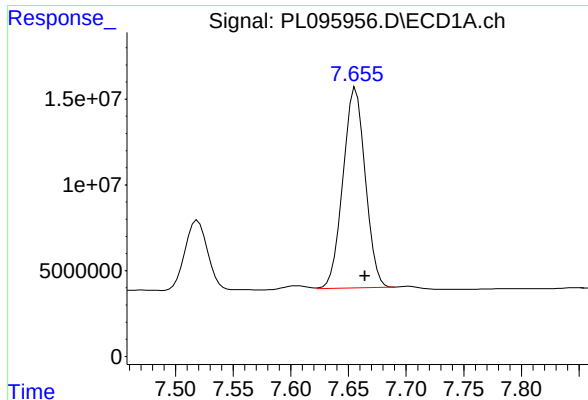
#20 Methoxychlor

R.T.: 7.519 min
Delta R.T.: -0.008 min
Response: 55159945
Conc: 43.25 ng/ml



#20 Methoxychlor

R.T.: 6.746 min
Delta R.T.: -0.004 min
Response: 109651323
Conc: 41.91 ng/ml



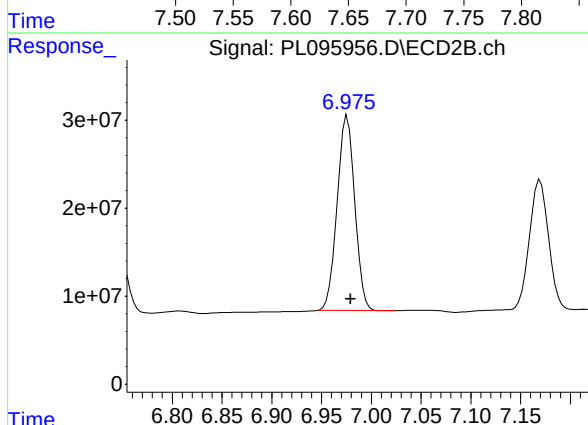
#21 Endrin ketone

R.T.: 7.656 min
Delta R.T.: -0.008 min
Response: 155939406
Conc: 49.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
BU-703-COMP-06MS

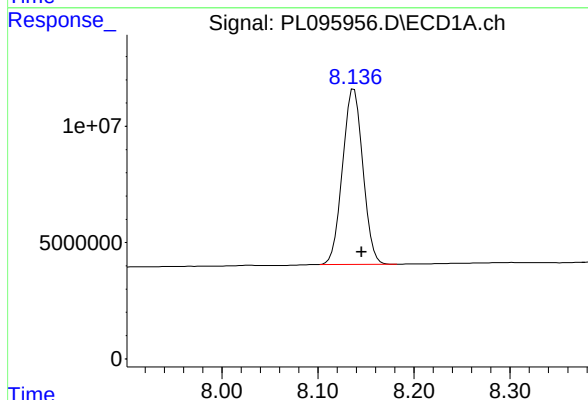
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/06/2025
Supervised By :mohammad ahmed 06/09/2025



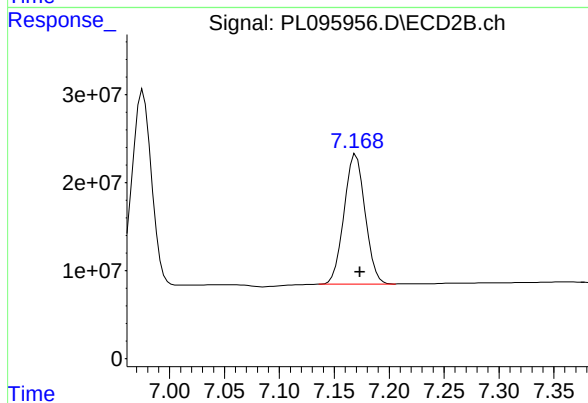
#21 Endrin ketone

R.T.: 6.976 min
Delta R.T.: -0.004 min
Response: 273617226
Conc: 52.88 ng/ml



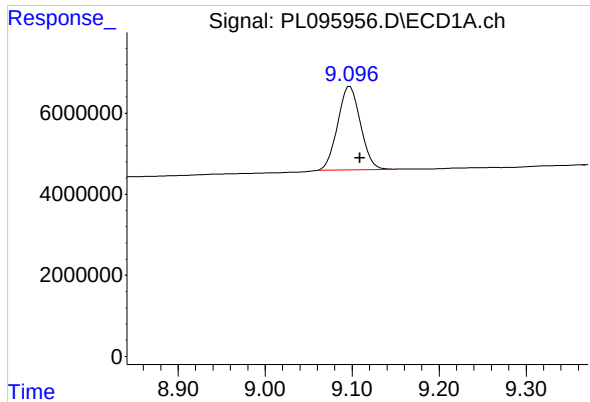
#22 Mirex

R.T.: 8.137 min
Delta R.T.: -0.008 min
Response: 110079476
Conc: 47.58 ng/ml



#22 Mirex

R.T.: 7.170 min
Delta R.T.: -0.004 min
Response: 196878590
Conc: 48.49 ng/ml



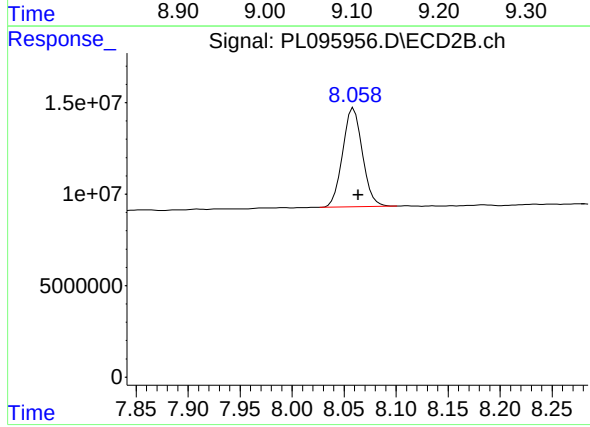
#28 Decachlorobiphenyl

R.T.: 9.098 min
Delta R.T.: -0.011 min
Response: 37442156
Conc: 15.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
BU-703-COMP-06MS

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#28 Decachlorobiphenyl

R.T.: 8.059 min
Delta R.T.: -0.004 min
Response: 71298358
Conc: 16.30 ng/ml