

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052225\
 Data File : PL095760.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 May 2025 10:13
 Operator : AR\AJ
 Sample : Q2080-06MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PL-HRH-COMP-01MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/23/2025
 Supervised By : mohammad ahmed 05/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 22 11:47:28 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	57835978	66932536	18.330m	17.101
28) SA Decachlor...	9.104	8.062	45500989	88444087	19.310	20.218
Target Compounds						
2) A alpha-BHC	4.024	3.396	245.9E6	294.8E6	50.720	50.329
3) MA gamma-BHC...	4.355	3.729	219.9E6	281.5E6	49.178	50.258
4) MA Heptachlor	4.954	4.082	181.4E6	262.6E6	47.937	46.809
5) MB Aldrin	5.296	4.367	207.0E6	255.7E6	48.388	48.186
6) B beta-BHC	4.543	4.024	97706157	123.6E6	49.563	49.874m
7) B delta-BHC	4.791	4.260	224.1E6	285.5E6	50.555	50.557
8) B Heptachlo...	5.718	4.869	193.9E6	247.9E6	50.788	50.218
9) A Endosulfan I	6.101	5.242	186.0E6	239.8E6	50.762	50.330
10) B gamma-Chl...	5.972	5.122	198.9E6	262.2E6	51.111	49.926
11) B alpha-Chl...	6.054	5.186	197.5E6	259.1E6	50.032	49.798
12) B 4,4'-DDE	6.224	5.373	184.2E6	262.3E6	50.210	48.920
13) MA Dieldrin	6.375	5.507	198.5E6	264.4E6	51.443	49.881
14) MA Endrin	6.602	5.781	148.9E6	218.7E6	46.140	44.852
15) B Endosulfa...	6.815	6.072	169.1E6	239.0E6	49.072	50.293
16) A 4,4'-DDD	6.734	5.925	156.9E6	230.2E6	53.541	52.501
17) MA 4,4'-DDT	7.050	6.179	118.8E6	199.4E6	43.917	41.699
18) B Endrin al...	6.944	6.250	127.4E6	177.9E6	52.698	51.514
19) B Endosulfa...	7.178	6.473	149.8E6	225.1E6	50.159	50.070
20) A Methoxychlor	7.523	6.749	54861701	105.6E6	43.018	40.361
21) B Endrin ke...	7.660	6.978	171.4E6	273.7E6	54.133	52.903
22) Mirex	8.141	7.172	115.8E6	197.8E6	50.041	48.716

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052225\
Data File : PL095760.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 May 2025 10:13
Operator : AR\AJ
Sample : Q2080-06MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

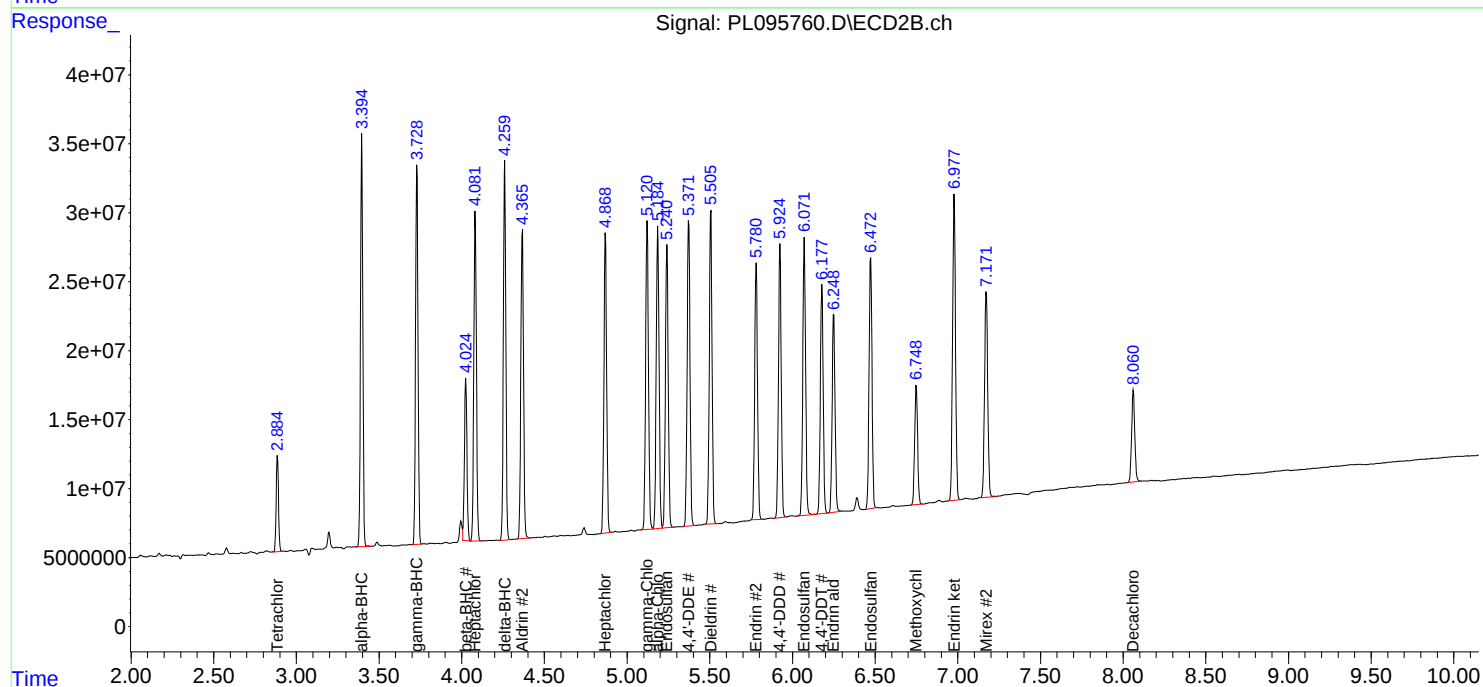
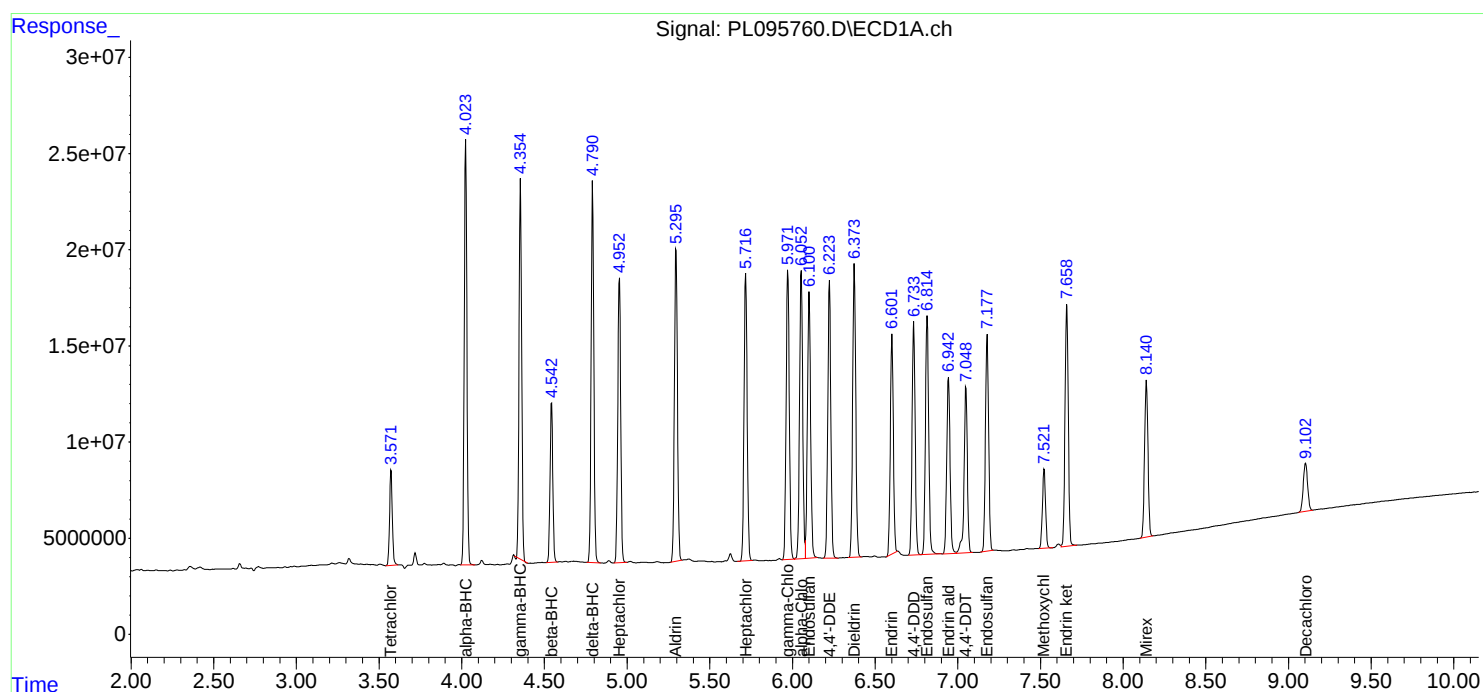
Instrument :
ECD_L
ClientSampleId :
PL-HRH-COMP-01MSD

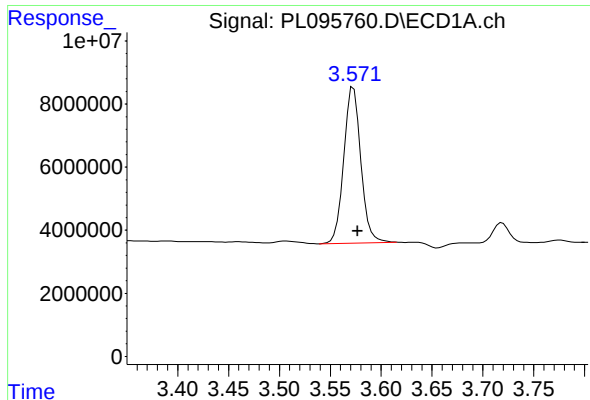
Manual Integrations
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Supervised By : mohammad ahmed 05/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 22 11:47:28 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





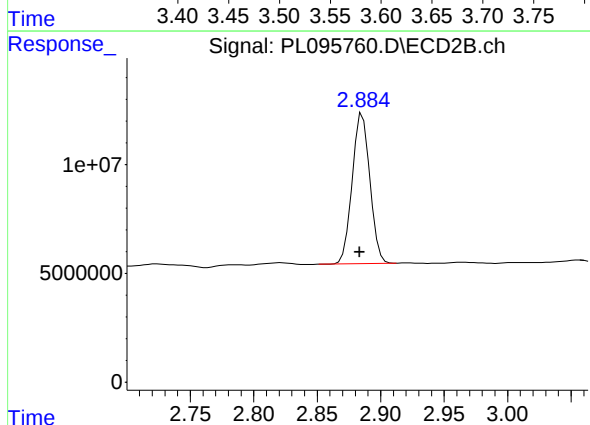
#1 Tetrachloro-m-xylene

R.T.: 3.571 min
Delta R.T.: -0.006 min
Response: 57835978
Conc: 18.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PL-HRH-COMP-01MSD

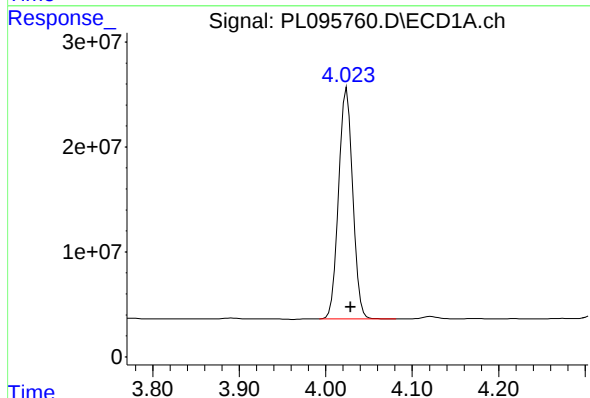
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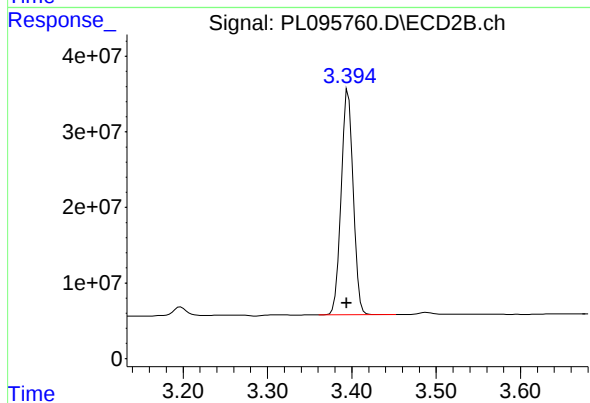
#1 Tetrachloro-m-xylene

R.T.: 2.886 min
Delta R.T.: 0.002 min
Response: 66932536
Conc: 17.10 ng/ml



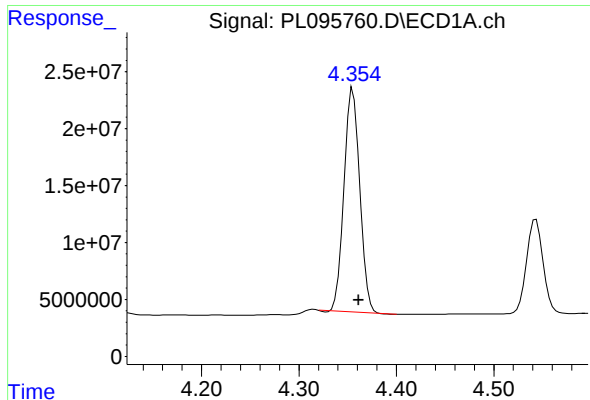
#2 alpha-BHC

R.T.: 4.024 min
Delta R.T.: -0.005 min
Response: 245887424
Conc: 50.72 ng/ml



#2 alpha-BHC

R.T.: 3.396 min
Delta R.T.: 0.002 min
Response: 294793456
Conc: 50.33 ng/ml



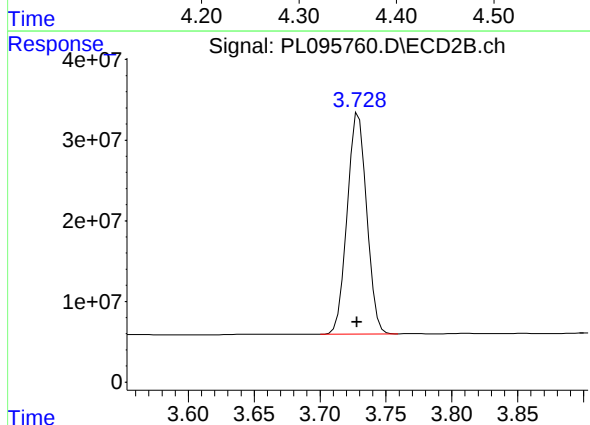
#3 gamma-BHC (Lindane)

R.T.: 4.355 min
Delta R.T.: -0.006 min
Response: 219918844
Conc: 49.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PL-HRH-COMP-01MSD

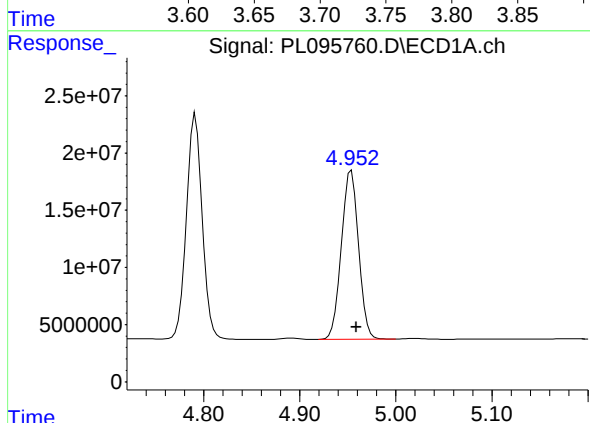
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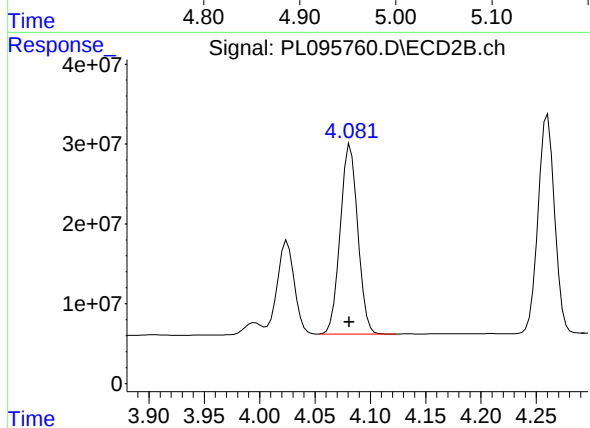
#3 gamma-BHC (Lindane)

R.T.: 3.729 min
Delta R.T.: 0.001 min
Response: 281507358
Conc: 50.26 ng/ml



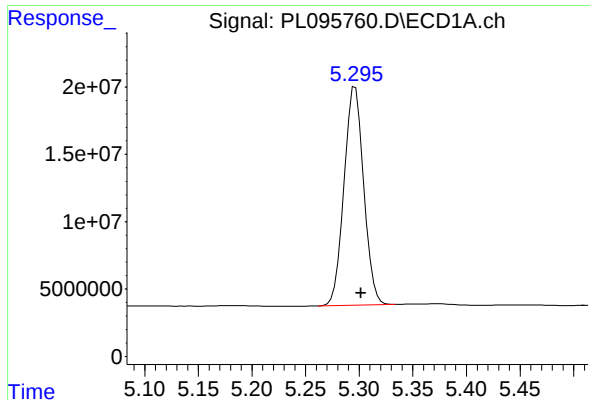
#4 Heptachlor

R.T.: 4.954 min
Delta R.T.: -0.005 min
Response: 181444415
Conc: 47.94 ng/ml



#4 Heptachlor

R.T.: 4.082 min
Delta R.T.: 0.000 min
Response: 262553465
Conc: 46.81 ng/ml



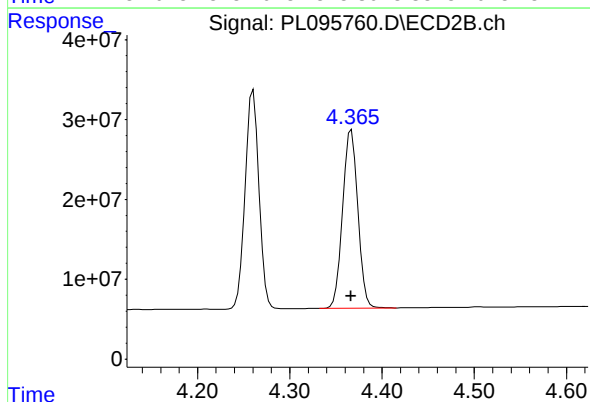
#5 Aldrin

R.T.: 5.296 min
Delta R.T.: -0.005 min
Response: 206990047
Conc: 48.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PL-HRH-COMP-01MSD

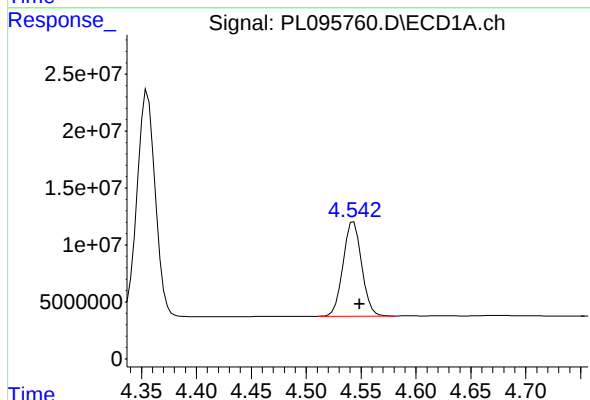
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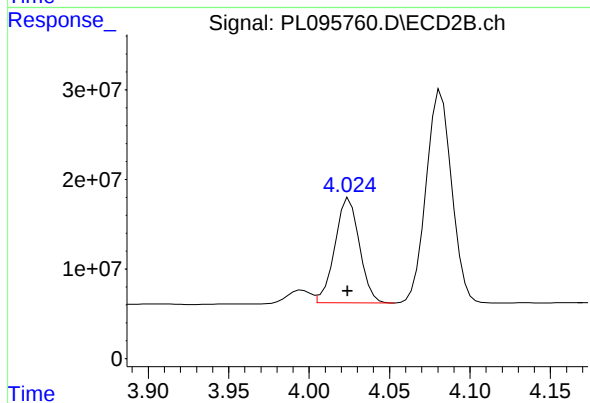
#5 Aldrin

R.T.: 4.367 min
Delta R.T.: 0.000 min
Response: 255726734
Conc: 48.19 ng/ml



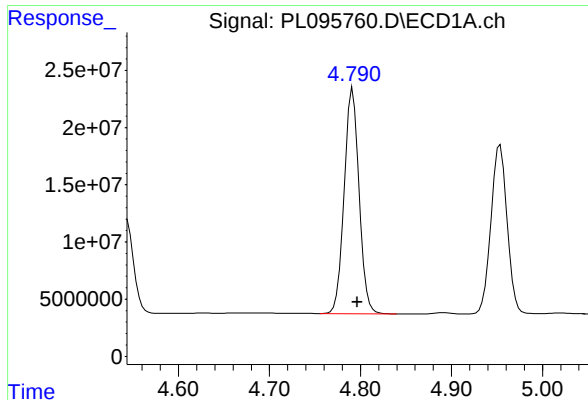
#6 beta-BHC

R.T.: 4.543 min
Delta R.T.: -0.006 min
Response: 97706157
Conc: 49.56 ng/ml



#6 beta-BHC

R.T.: 4.024 min
Delta R.T.: 0.000 min
Response: 123565064
Conc: 49.87 ng/ml m



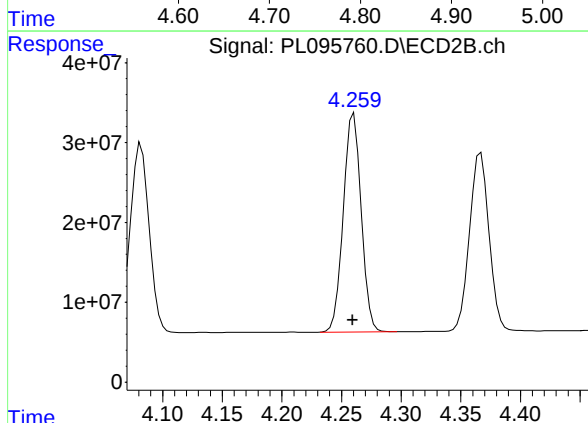
#7 delta-BHC

R.T.: 4.791 min
Delta R.T.: -0.005 min
Response: 224139512
Conc: 50.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PL-HRH-COMP-01MSD

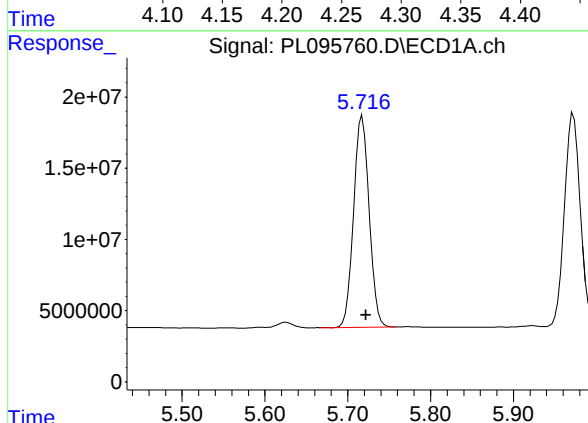
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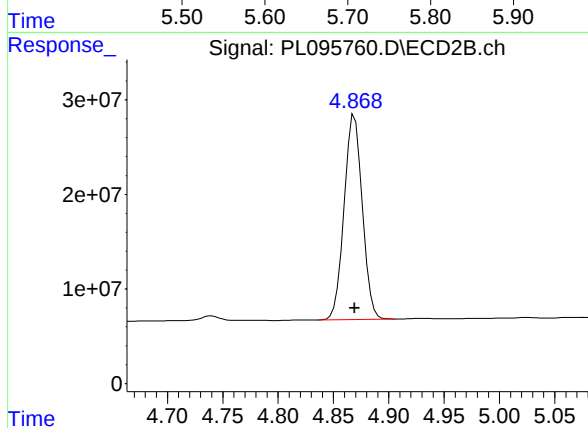
#7 delta-BHC

R.T.: 4.260 min
Delta R.T.: 0.000 min
Response: 285512083
Conc: 50.56 ng/ml



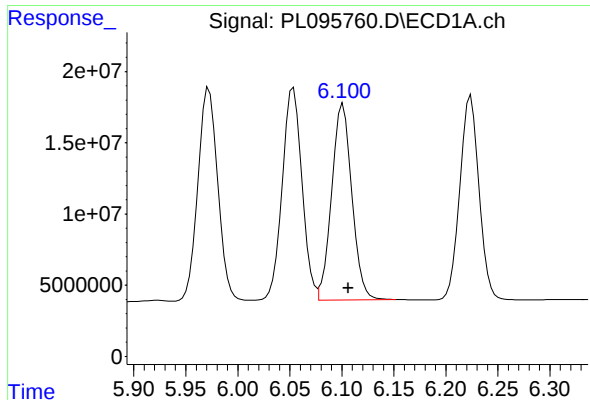
#8 Heptachlor epoxide

R.T.: 5.718 min
Delta R.T.: -0.005 min
Response: 193850630
Conc: 50.79 ng/ml



#8 Heptachlor epoxide

R.T.: 4.869 min
Delta R.T.: 0.000 min
Response: 247945336
Conc: 50.22 ng/ml



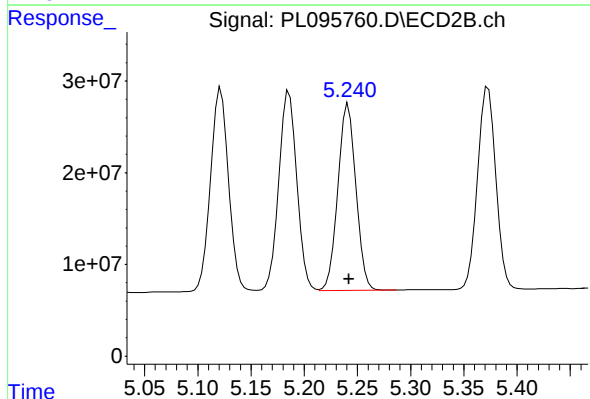
#9 Endosulfan I

R.T.: 6.101 min
Delta R.T.: -0.005 min
Response: 186035368
Conc: 50.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PL-HRH-COMP-01MSD

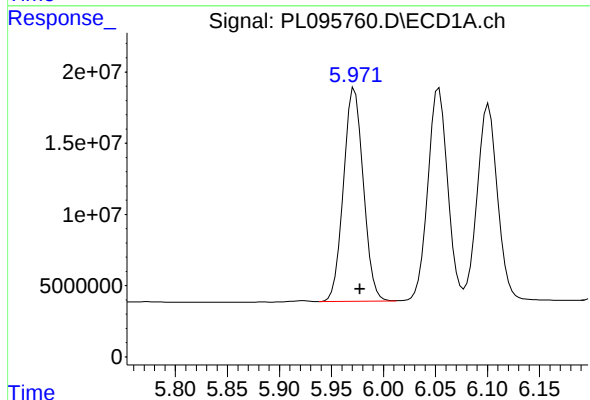
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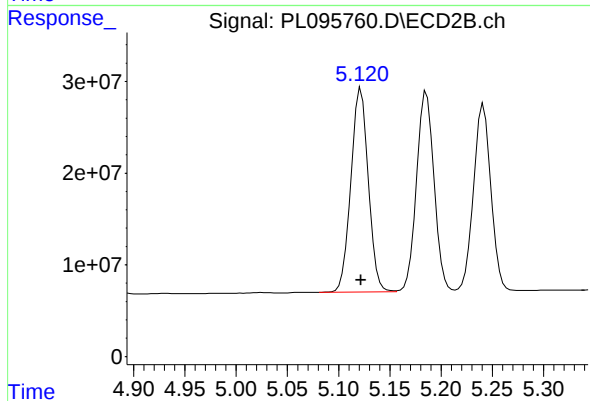
#9 Endosulfan I

R.T.: 5.242 min
Delta R.T.: 0.000 min
Response: 239819815
Conc: 50.33 ng/ml



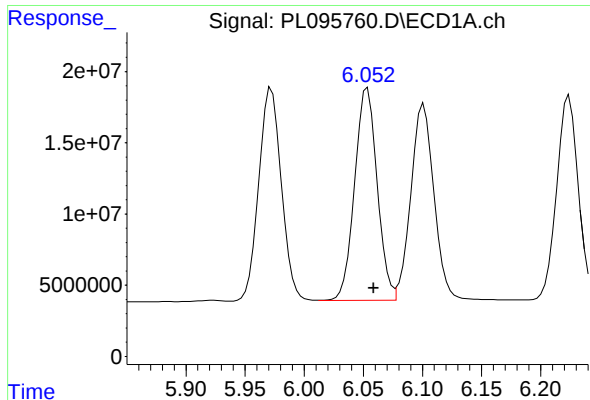
#10 gamma-Chlordane

R.T.: 5.972 min
Delta R.T.: -0.005 min
Response: 198926990
Conc: 51.11 ng/ml



#10 gamma-Chlordane

R.T.: 5.122 min
Delta R.T.: 0.000 min
Response: 262248508
Conc: 49.93 ng/ml



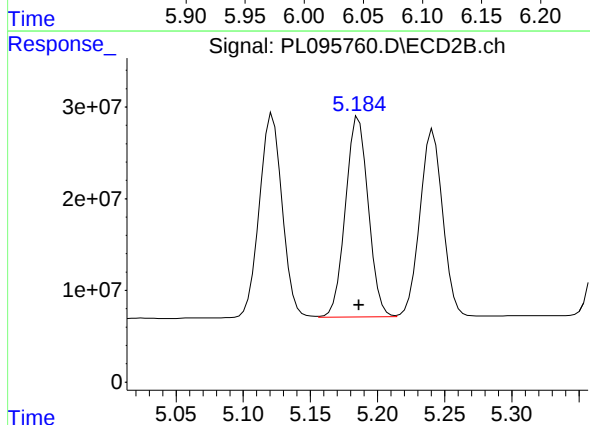
#11 alpha-Chlordane

R.T.: 6.054 min
Delta R.T.: -0.005 min
Response: 197534446
Conc: 50.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PL-HRH-COMP-01MSD

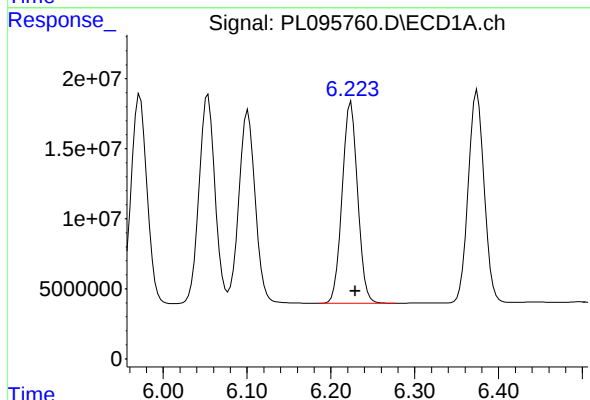
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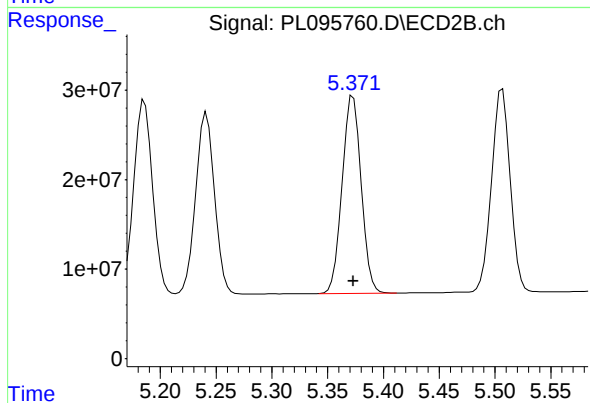
#11 alpha-Chlordane

R.T.: 5.186 min
Delta R.T.: 0.000 min
Response: 259089059
Conc: 49.80 ng/ml



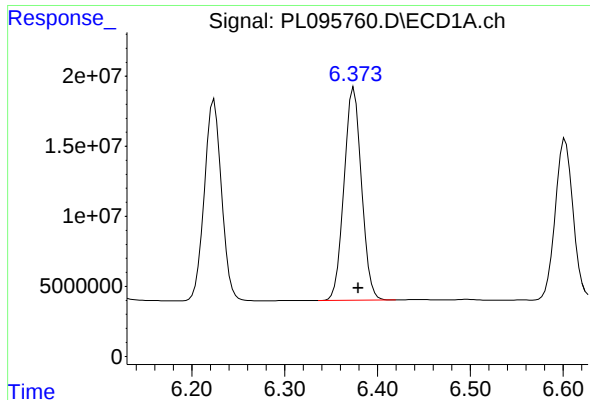
#12 4,4'-DDE

R.T.: 6.224 min
Delta R.T.: -0.005 min
Response: 184166745
Conc: 50.21 ng/ml



#12 4,4'-DDE

R.T.: 5.373 min
Delta R.T.: 0.000 min
Response: 262316608
Conc: 48.92 ng/ml



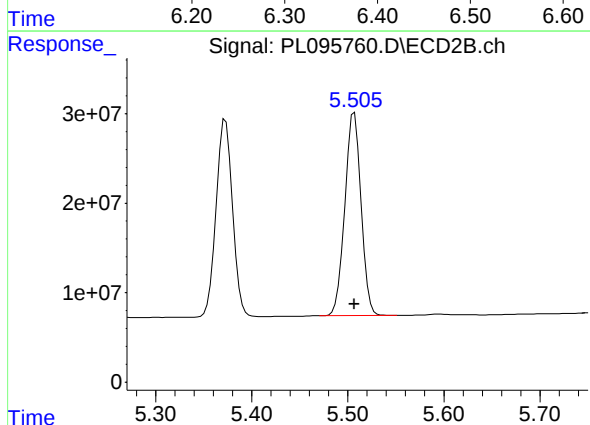
#13 Dieldrin

R.T.: 6.375 min
Delta R.T.: -0.005 min
Response: 198528326
Conc: 51.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PL-HRH-COMP-01MSD

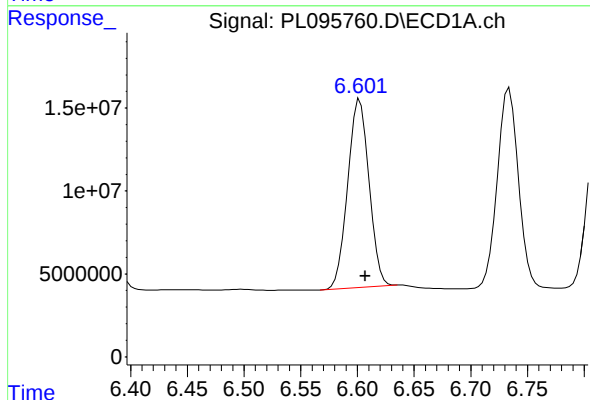
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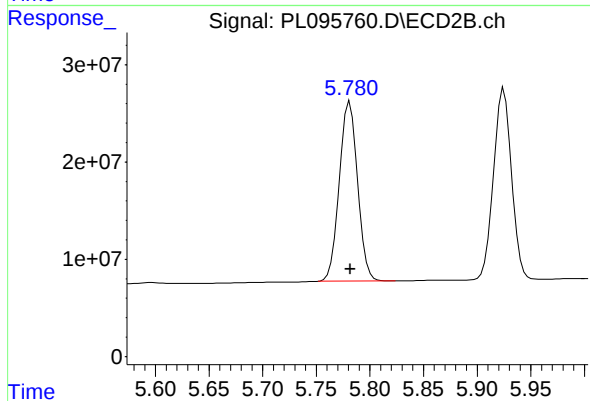
#13 Dieldrin

R.T.: 5.507 min
Delta R.T.: 0.000 min
Response: 264375283
Conc: 49.88 ng/ml



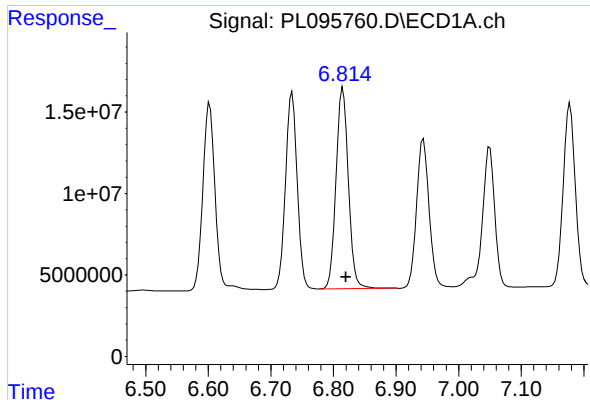
#14 Endrin

R.T.: 6.602 min
Delta R.T.: -0.005 min
Response: 148881286
Conc: 46.14 ng/ml



#14 Endrin

R.T.: 5.781 min
Delta R.T.: 0.000 min
Response: 218705226
Conc: 44.85 ng/ml



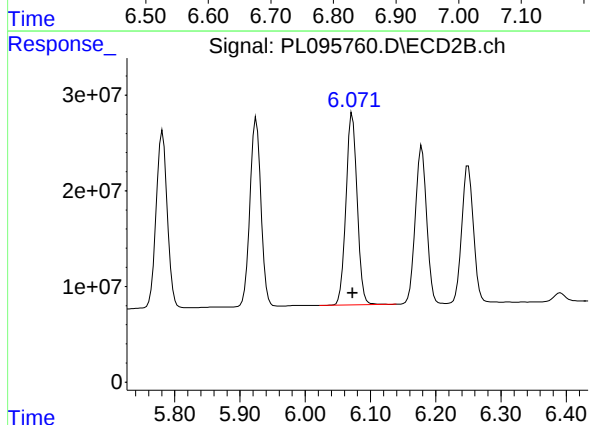
#15 Endosulfan II

R.T.: 6.815 min
Delta R.T.: -0.005 min
Response: 169103174
Conc: 49.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PL-HRH-COMP-01MSD

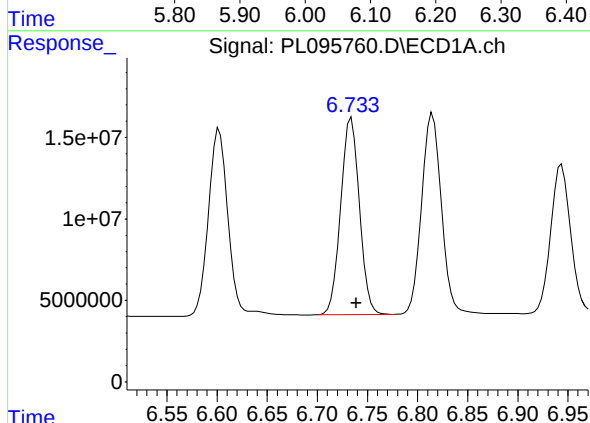
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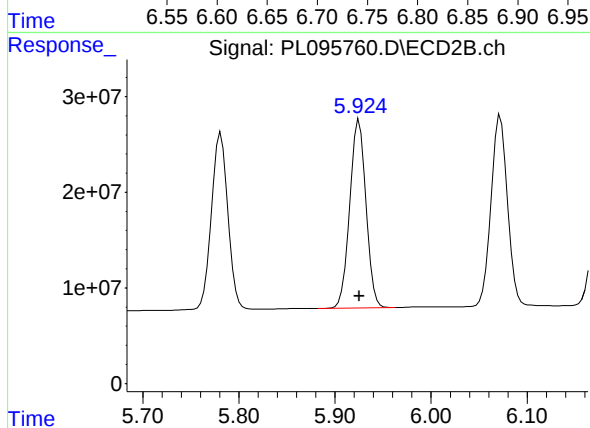
#15 Endosulfan II

R.T.: 6.072 min
Delta R.T.: 0.000 min
Response: 238983176
Conc: 50.29 ng/ml



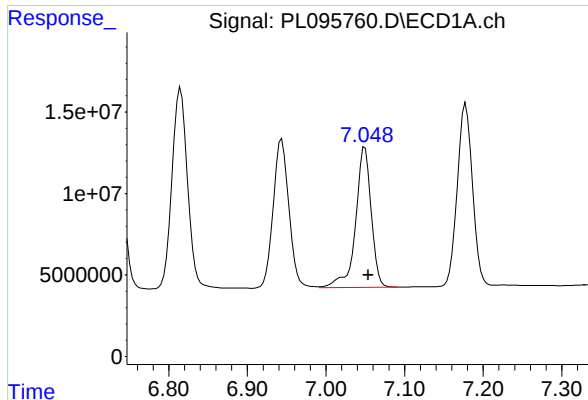
#16 4,4'-DDD

R.T.: 6.734 min
Delta R.T.: -0.005 min
Response: 156908758
Conc: 53.54 ng/ml



#16 4,4'-DDD

R.T.: 5.925 min
Delta R.T.: 0.000 min
Response: 230214135
Conc: 52.50 ng/ml



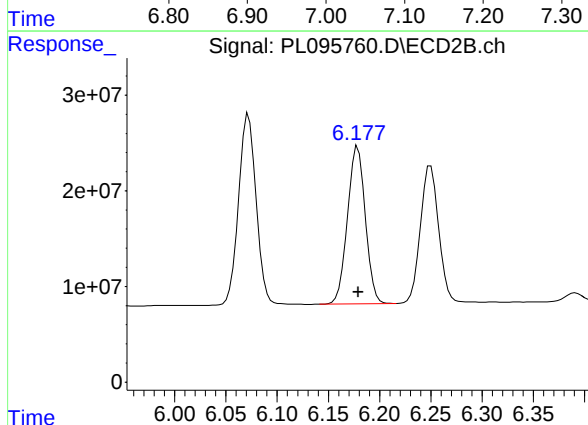
#17 4,4'-DDT

R.T.: 7.050 min
Delta R.T.: -0.004 min
Response: 118802220
Conc: 43.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PL-HRH-COMP-01MSD

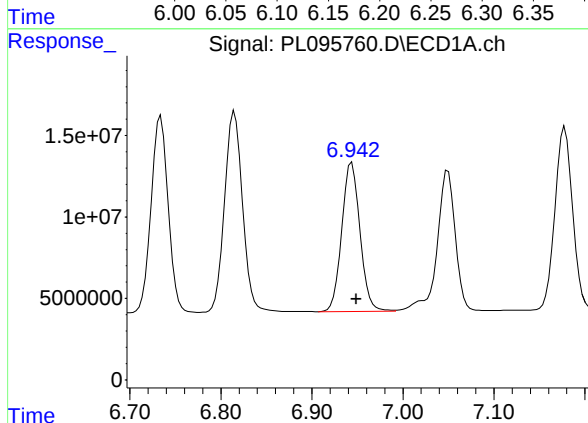
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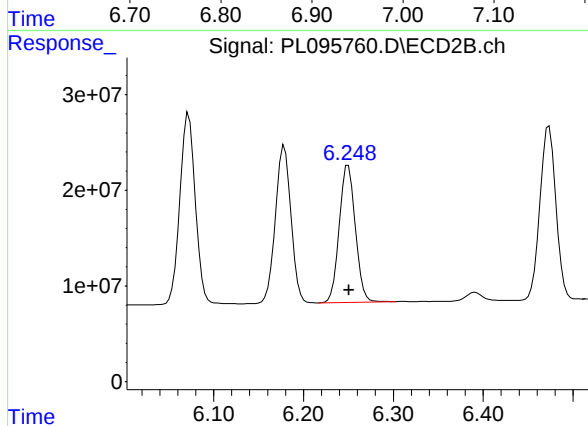
#17 4,4'-DDT

R.T.: 6.179 min
Delta R.T.: 0.000 min
Response: 199431112
Conc: 41.70 ng/ml



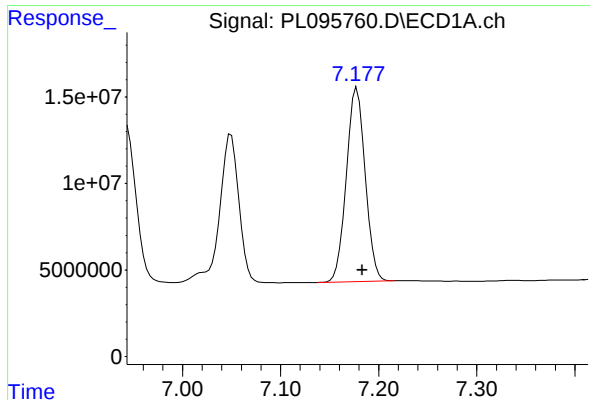
#18 Endrin aldehyde

R.T.: 6.944 min
Delta R.T.: -0.005 min
Response: 127402636
Conc: 52.70 ng/ml



#18 Endrin aldehyde

R.T.: 6.250 min
Delta R.T.: 0.000 min
Response: 177944779
Conc: 51.51 ng/ml



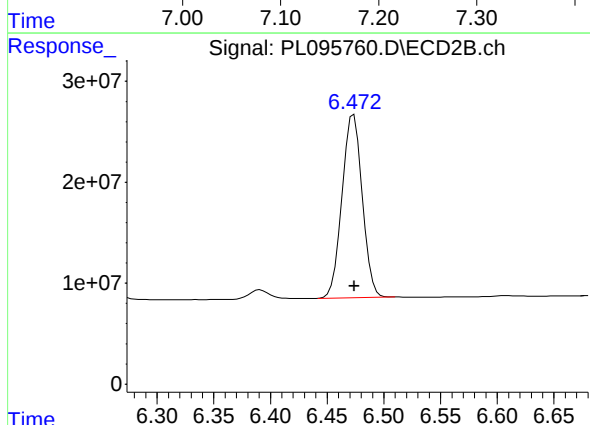
#19 Endosulfan Sulfate

R.T.: 7.178 min
Delta R.T.: -0.005 min
Response: 149820579
Conc: 50.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PL-HRH-COMP-01MSD

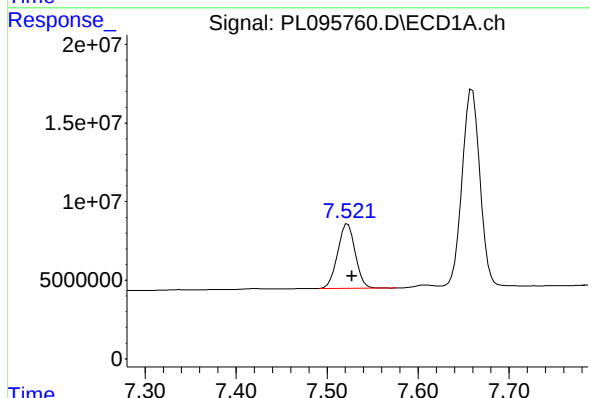
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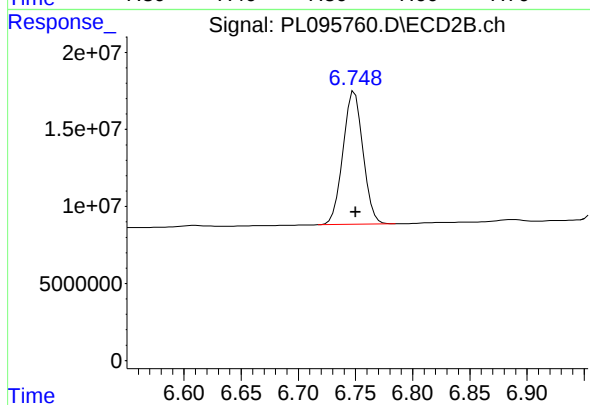
#19 Endosulfan Sulfate

R.T.: 6.473 min
Delta R.T.: 0.000 min
Response: 225054081
Conc: 50.07 ng/ml



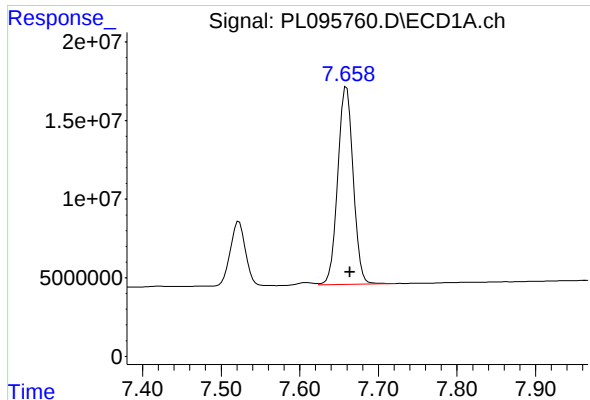
#20 Methoxychlor

R.T.: 7.523 min
Delta R.T.: -0.005 min
Response: 54861701
Conc: 43.02 ng/ml



#20 Methoxychlor

R.T.: 6.749 min
Delta R.T.: -0.001 min
Response: 105589339
Conc: 40.36 ng/ml



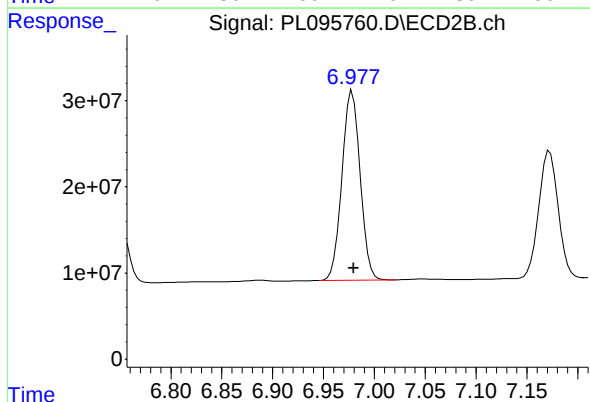
#21 Endrin ketone

R.T.: 7.660 min
Delta R.T.: -0.005 min
Response: 171434437
Conc: 54.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PL-HRH-COMP-01MSD

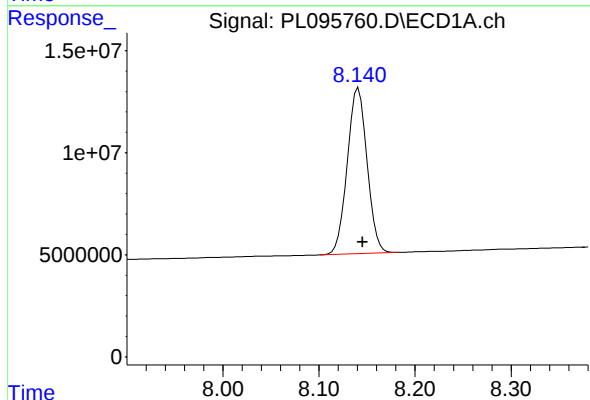
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/23/2025
Supervised By :mohammad ahmed 05/24/2025



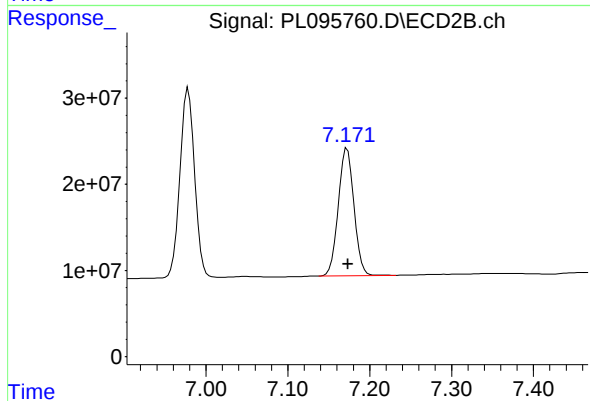
#21 Endrin ketone

R.T.: 6.978 min
Delta R.T.: -0.001 min
Response: 273711791
Conc: 52.90 ng/ml



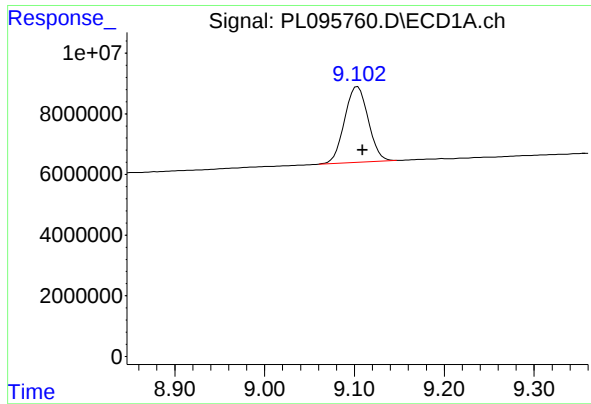
#22 Mirex

R.T.: 8.141 min
Delta R.T.: -0.004 min
Response: 115783387
Conc: 50.04 ng/ml



#22 Mirex

R.T.: 7.172 min
Delta R.T.: -0.001 min
Response: 197812715
Conc: 48.72 ng/ml



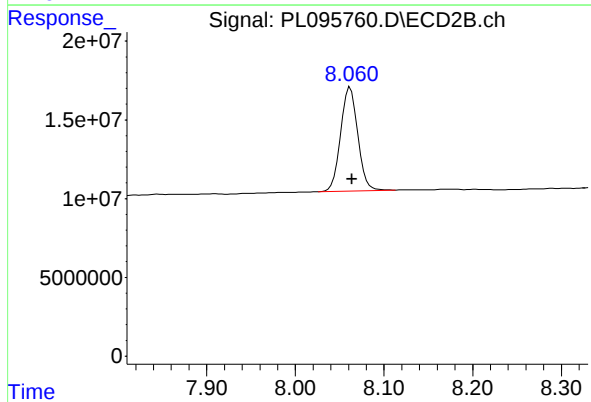
#28 Decachlorobiphenyl

R.T.: 9.104 min
Delta R.T.: -0.005 min
Response: 45500989
Conc: 19.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PL-HRH-COMP-01MSD

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 8.062 min
Delta R.T.: -0.002 min
Response: 88444087
Conc: 20.22 ng/ml