

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL043025\
 Data File : PL095445.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Apr 2025 17:36
 Operator : AR\AJ
 Sample : Q1889-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 COMP-1MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/29/2025
 Supervised By : mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 29 01:35:53 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...	3.592	2.904	58425493	57181041	17.896	17.983
28) SA Decachlor...	9.115	8.082	48269853	50724520	17.421	17.141
Target Compounds						
2) A alpha-BHC	4.043	3.413	244.0E6	230.1E6	49.246	51.714
3) MA gamma-BHC...	4.373	3.746	233.1E6	223.2E6	49.250m	50.759
4) MA Heptachlor	4.972	4.100	220.7E6	211.6E6	48.253	48.570
5) MB Aldrin	5.314	4.385	226.3E6	205.2E6	49.265	49.868
6) B beta-BHC	4.560	4.040	99681902	101.3E6	48.213	48.788
7) B delta-BHC	4.807	4.276	229.1E6	220.8E6	49.267m	50.394
8) B Heptachlo...	5.734	4.888	202.9E6	191.0E6	50.672	49.444
9) A Endosulfan I	6.118	5.261	195.4E6	183.0E6	51.447	49.992
10) B gamma-Chl...	5.989	5.139	210.5E6	199.2E6	51.599	49.159m
11) B alpha-Chl...	6.070	5.205	207.8E6	197.3E6	51.099	49.557
12) B 4,4'-DDE	6.239	5.391	201.8E6	200.1E6	51.474	49.212
13) MA Dieldrin	6.391	5.526	201.0E6	198.0E6	52.152	48.673
14) MA Endrin	6.618	5.800	166.1E6	173.9E6	52.144	47.763
15) B Endosulfa...	6.830	6.091	172.1E6	181.9E6	53.929	50.658
16) A 4,4'-DDD	6.748	5.943	160.2E6	163.5E6	56.592	50.063
17) MA 4,4'-DDT	7.063	6.197	147.7E6	166.4E6	51.833	48.437
18) B Endrin al...	6.959	6.269	123.5E6	131.7E6	53.199	50.398
19) B Endosulfa...	7.193	6.491	148.4E6	166.1E6	52.983	50.059m
20) A Methoxychlor	7.534	6.767	69311509	90789266	49.681	47.598
21) B Endrin ke...	7.674	6.998	153.1E6	197.1E6	53.699	55.985
22) Mirex	8.155	7.194	123.5E6	150.6E6	51.990	52.263

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL043025\
Data File : PL095445.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Apr 2025 17:36
Operator : AR\AJ
Sample : Q1889-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

COMP-1MSD

Manual Integrations

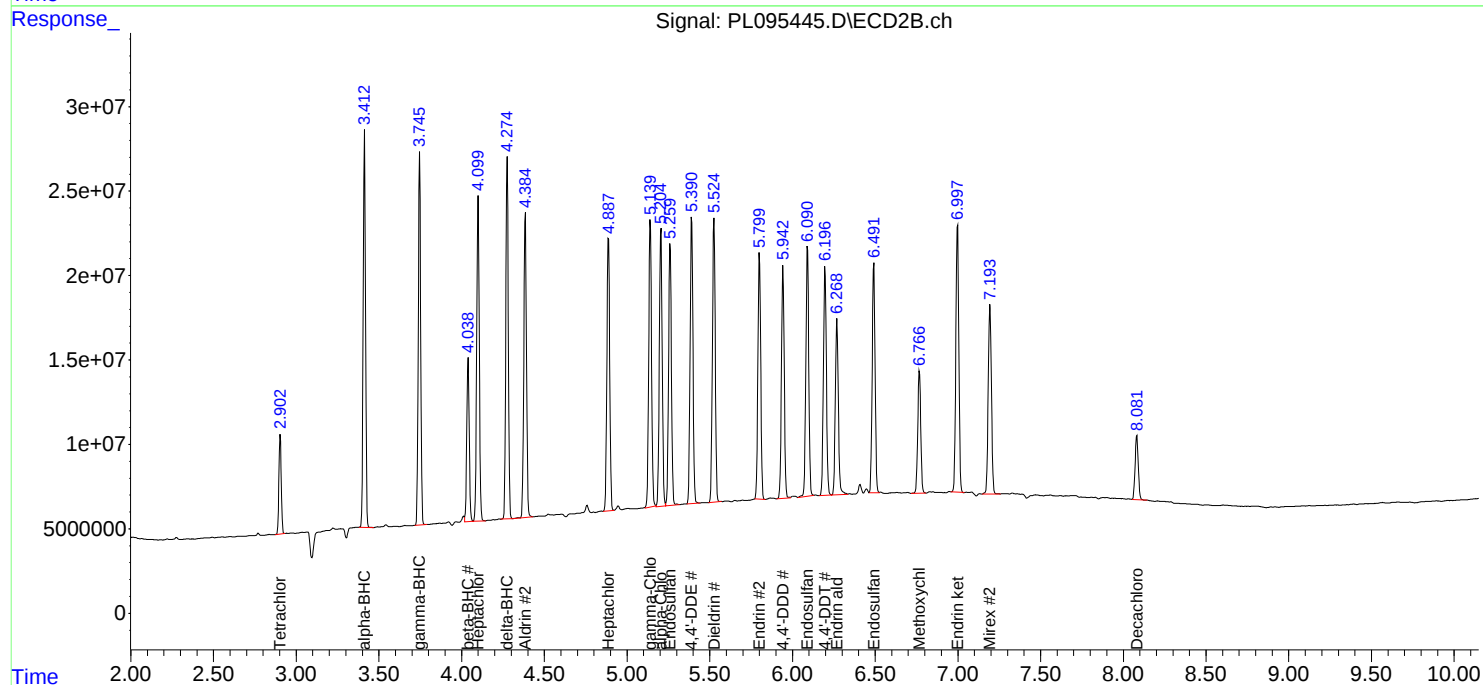
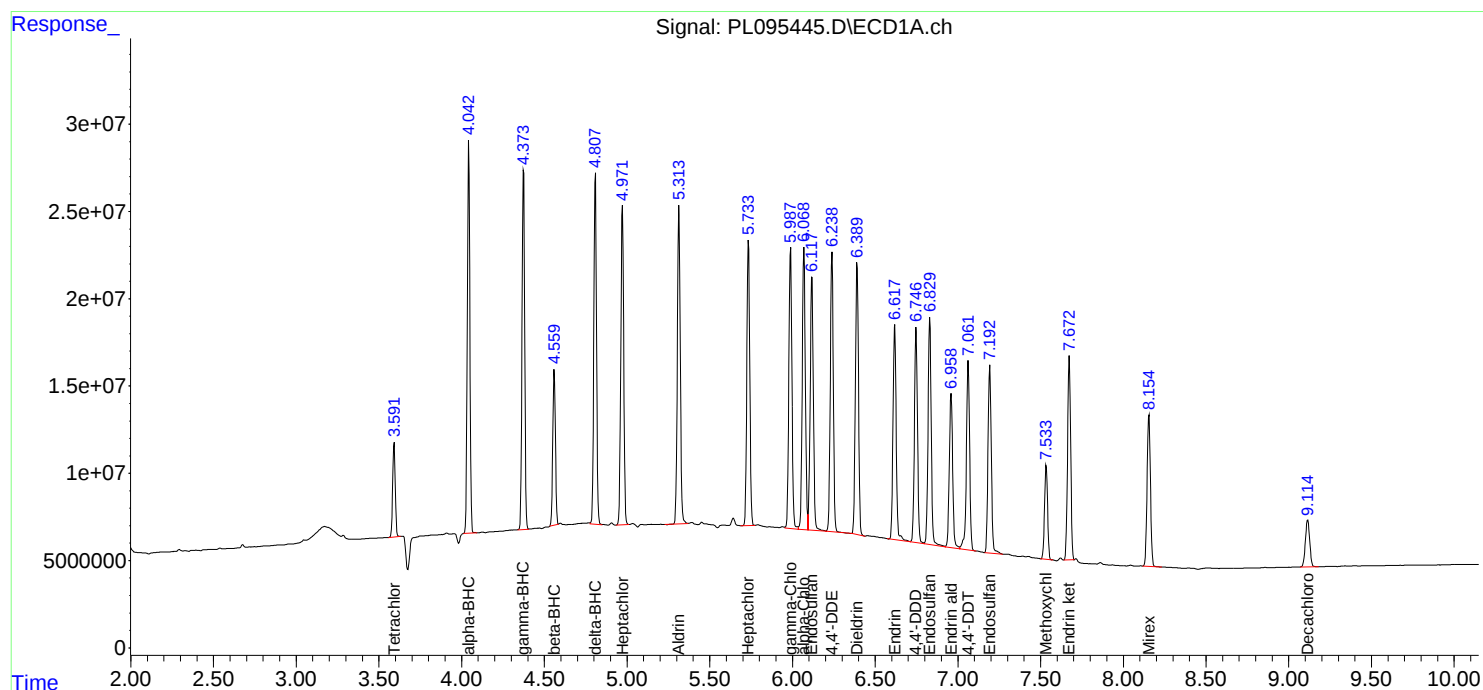
APPROVED

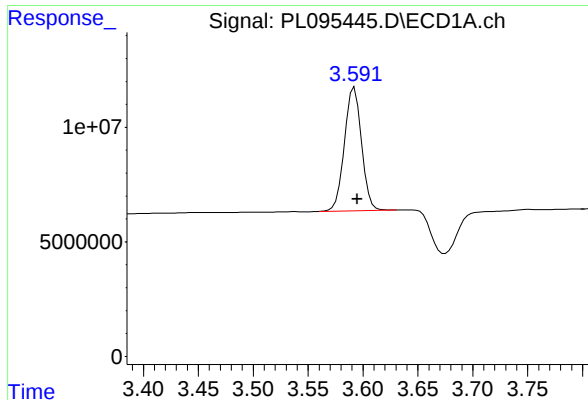
Reviewed By :Abdul Mirza 04/29/2025

Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 29 01:35:53 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





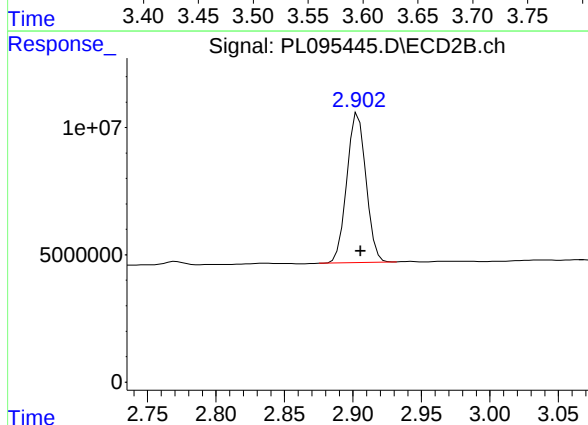
#1 Tetrachloro-m-xylene

R.T.: 3.592 min
Delta R.T.: -0.003 min
Response: 58425493
Conc: 17.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-1MSD

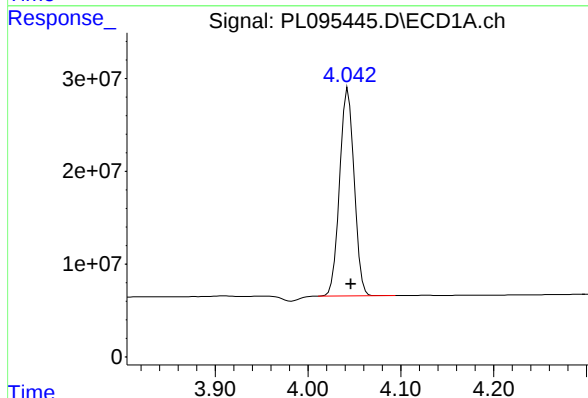
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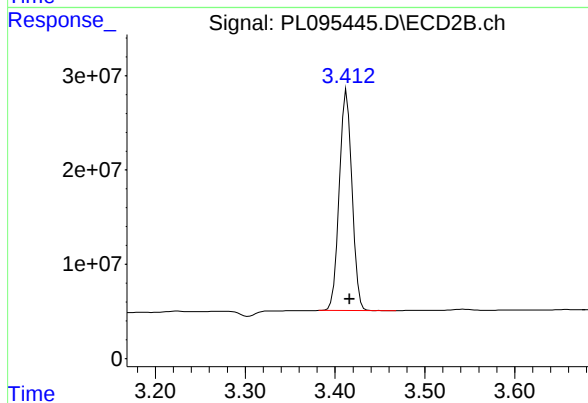
#1 Tetrachloro-m-xylene

R.T.: 2.904 min
Delta R.T.: -0.002 min
Response: 57181041
Conc: 17.98 ng/ml



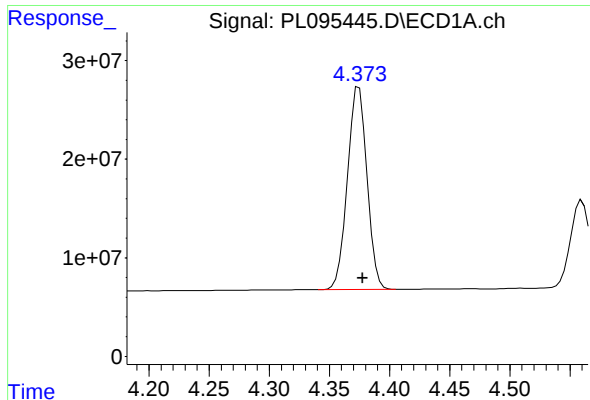
#2 alpha-BHC

R.T.: 4.043 min
Delta R.T.: -0.003 min
Response: 243952524
Conc: 49.25 ng/ml



#2 alpha-BHC

R.T.: 3.413 min
Delta R.T.: -0.003 min
Response: 230059505
Conc: 51.71 ng/ml



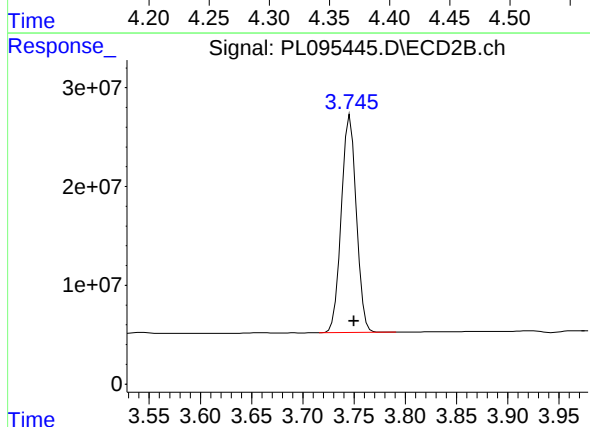
#3 gamma-BHC (Lindane)

R.T.: 4.373 min
Delta R.T.: -0.004 min
Response: 233147631
Conc: 49.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-1MSD

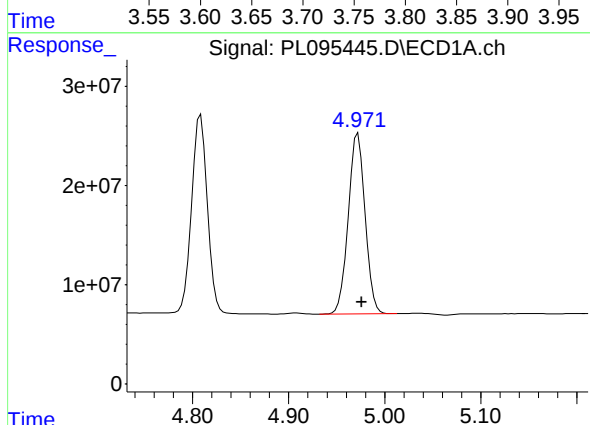
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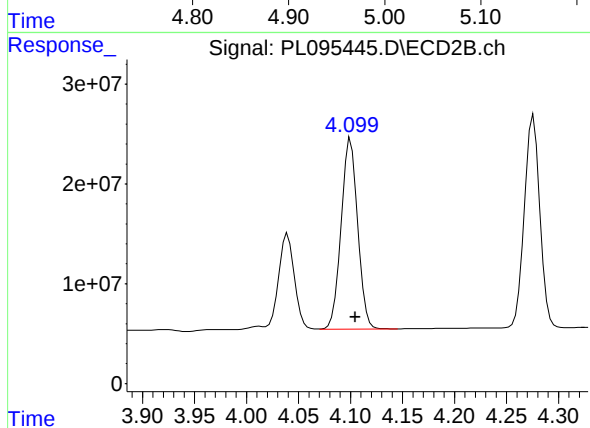
#3 gamma-BHC (Lindane)

R.T.: 3.746 min
Delta R.T.: -0.004 min
Response: 223249487
Conc: 50.76 ng/ml



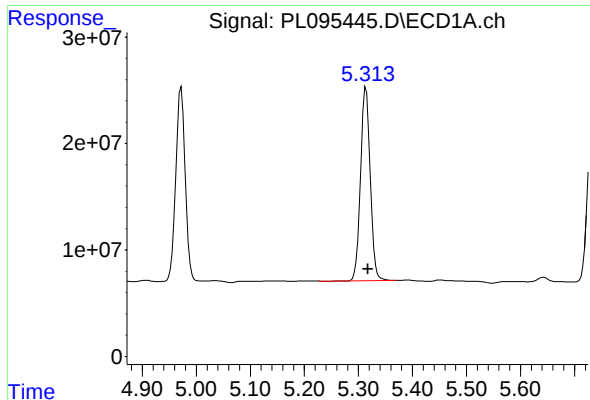
#4 Heptachlor

R.T.: 4.972 min
Delta R.T.: -0.004 min
Response: 220731302
Conc: 48.25 ng/ml



#4 Heptachlor

R.T.: 4.100 min
Delta R.T.: -0.004 min
Response: 211603932
Conc: 48.57 ng/ml



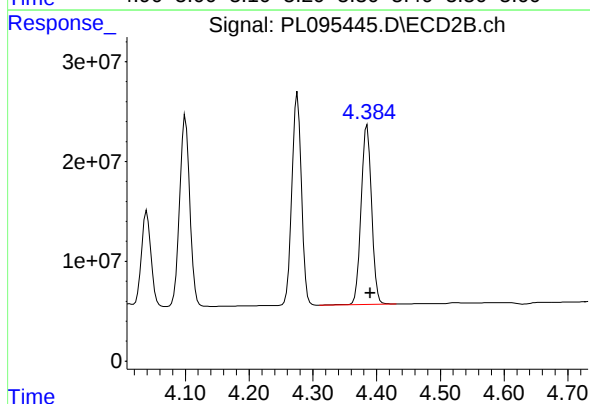
#5 Aldrin

R.T.: 5.314 min
Delta R.T.: -0.004 min
Response: 226277485
Conc: 49.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-1MSD

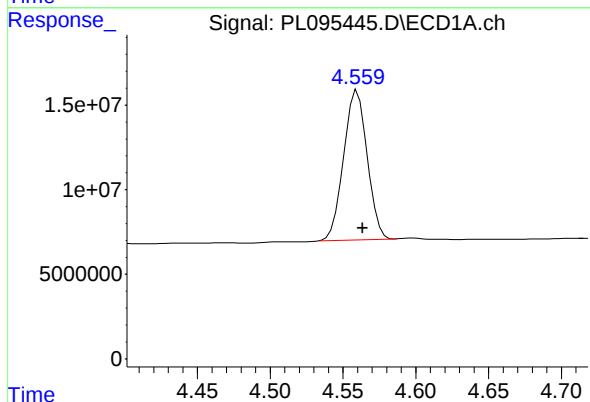
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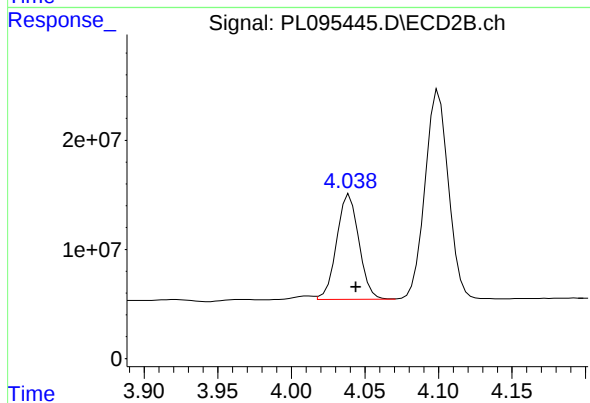
#5 Aldrin

R.T.: 4.385 min
Delta R.T.: -0.005 min
Response: 205240915
Conc: 49.87 ng/ml



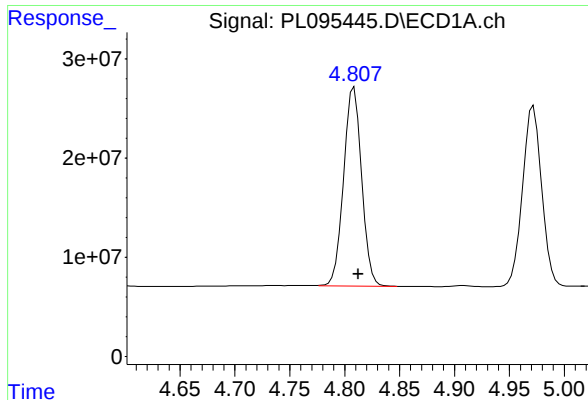
#6 beta-BHC

R.T.: 4.560 min
Delta R.T.: -0.004 min
Response: 99681902
Conc: 48.21 ng/ml



#6 beta-BHC

R.T.: 4.040 min
Delta R.T.: -0.004 min
Response: 101276899
Conc: 48.79 ng/ml



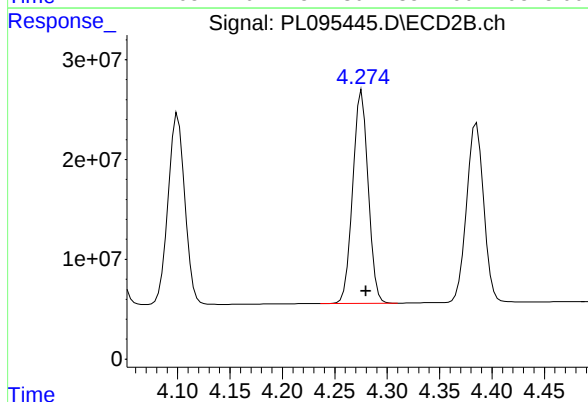
#7 delta-BHC

R.T.: 4.807 min
Delta R.T.: -0.005 min
Response: 229124019
Conc: 49.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-1MSD

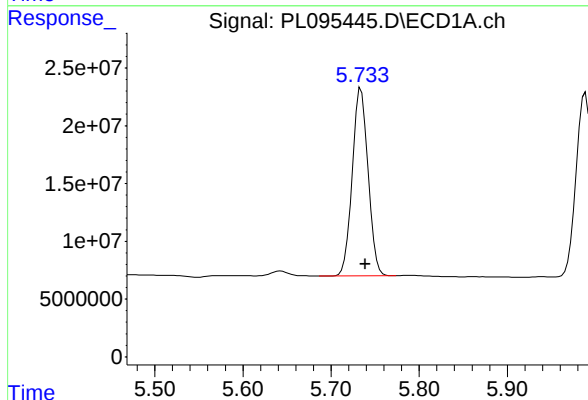
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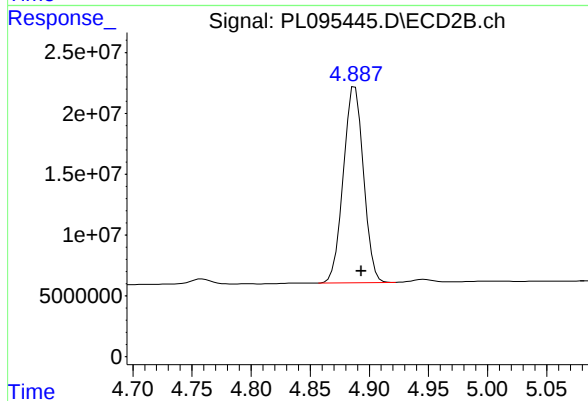
#7 delta-BHC

R.T.: 4.276 min
Delta R.T.: -0.004 min
Response: 220825463
Conc: 50.39 ng/ml



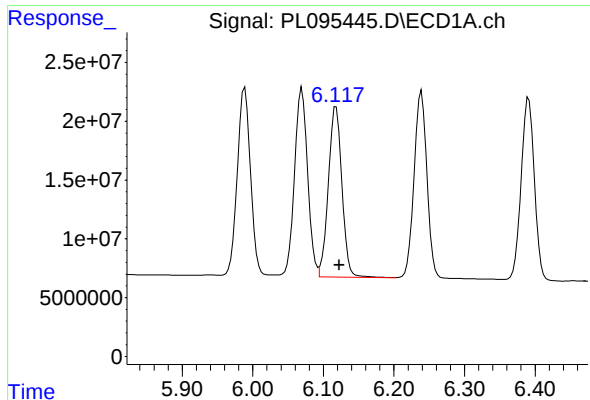
#8 Heptachlor epoxide

R.T.: 5.734 min
Delta R.T.: -0.005 min
Response: 202948285
Conc: 50.67 ng/ml



#8 Heptachlor epoxide

R.T.: 4.888 min
Delta R.T.: -0.005 min
Response: 190983581
Conc: 49.44 ng/ml



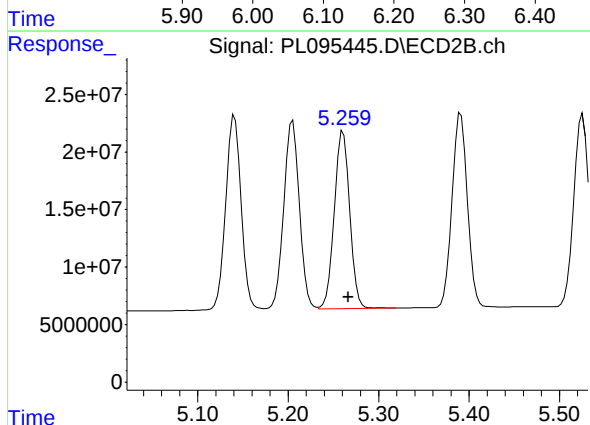
#9 Endosulfan I

R.T.: 6.118 min
Delta R.T.: -0.005 min
Response: 195369904
Conc: 51.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-1MSD

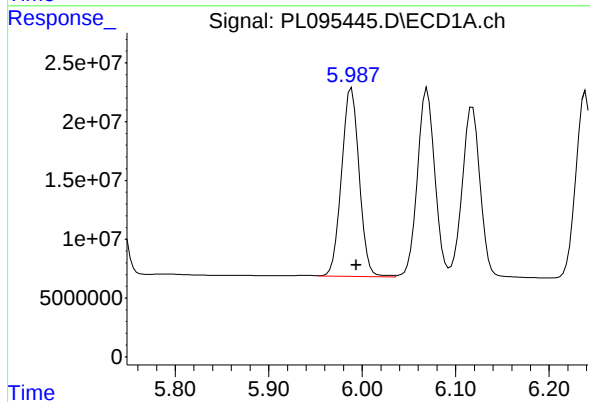
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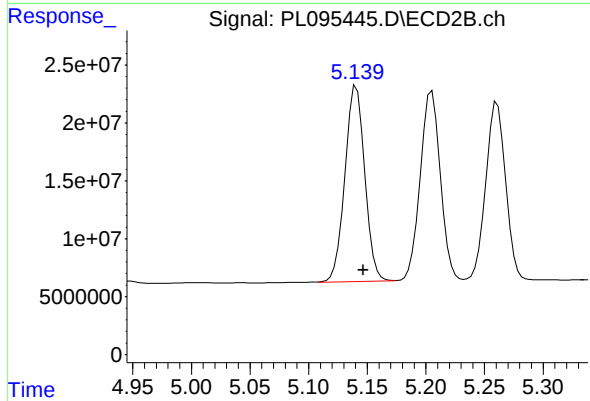
#9 Endosulfan I

R.T.: 5.261 min
Delta R.T.: -0.006 min
Response: 182992742
Conc: 49.99 ng/ml



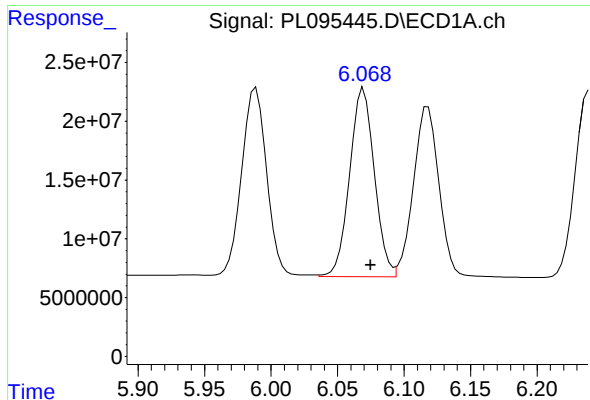
#10 gamma-Chlordane

R.T.: 5.989 min
Delta R.T.: -0.005 min
Response: 210490219
Conc: 51.60 ng/ml



#10 gamma-Chlordane

R.T.: 5.139 min
Delta R.T.: -0.007 min
Response: 199224779
Conc: 49.16 ng/ml m



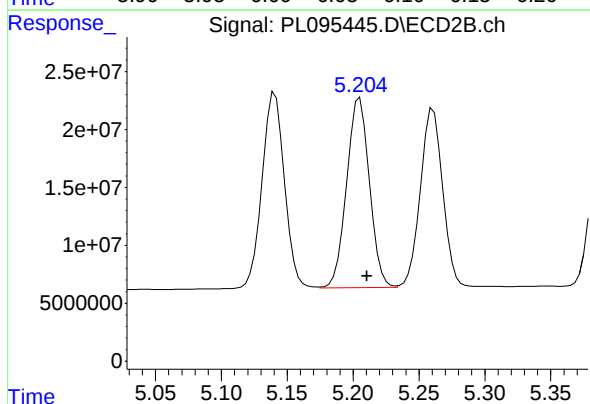
#11 alpha-Chlordane

R.T.: 6.070 min
Delta R.T.: -0.005 min
Response: 207771905
Conc: 51.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-1MSD

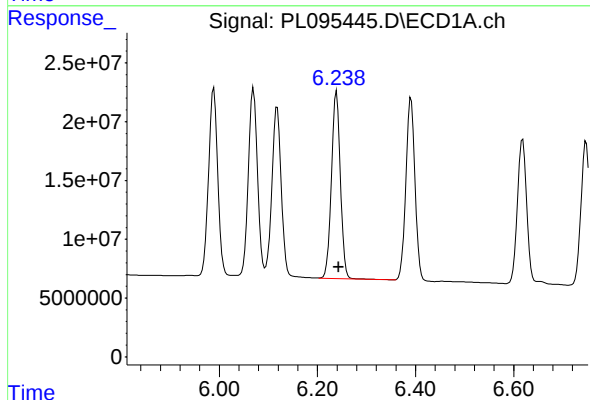
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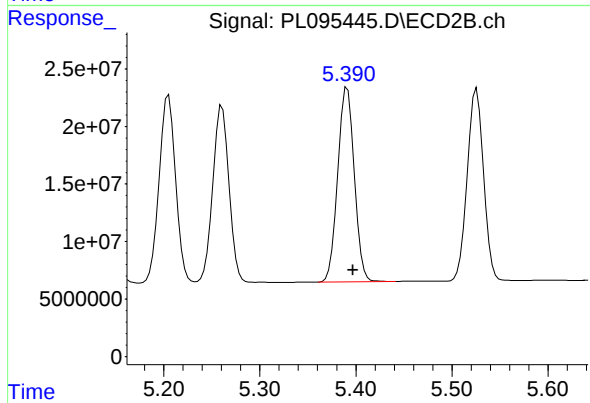
#11 alpha-Chlordane

R.T.: 5.205 min
Delta R.T.: -0.005 min
Response: 197287942
Conc: 49.56 ng/ml



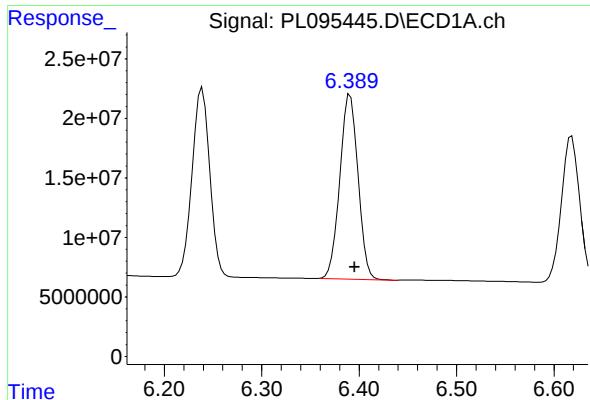
#12 4,4'-DDE

R.T.: 6.239 min
Delta R.T.: -0.004 min
Response: 201807618
Conc: 51.47 ng/ml



#12 4,4'-DDE

R.T.: 5.391 min
Delta R.T.: -0.006 min
Response: 200143435
Conc: 49.21 ng/ml



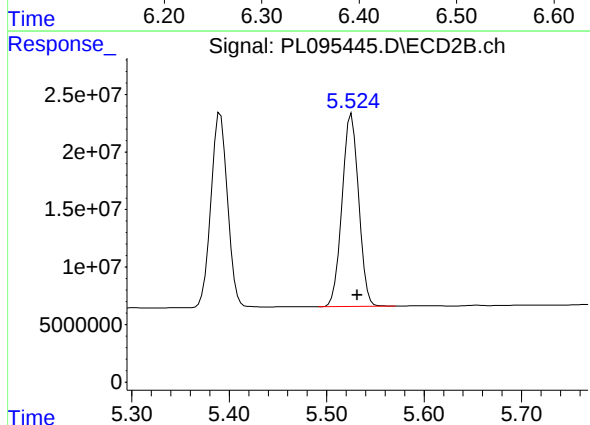
#13 Dieldrin

R.T.: 6.391 min
Delta R.T.: -0.005 min
Response: 201035235
Conc: 52.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-1MSD

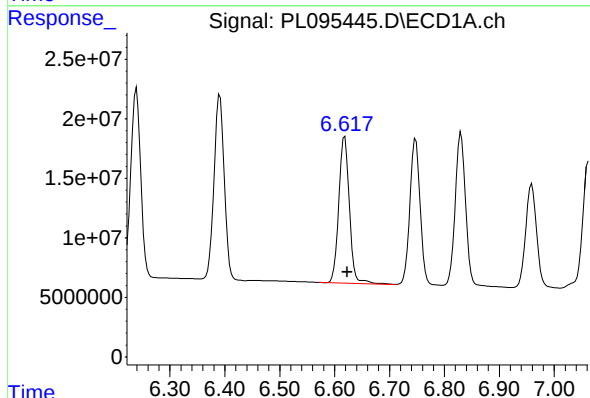
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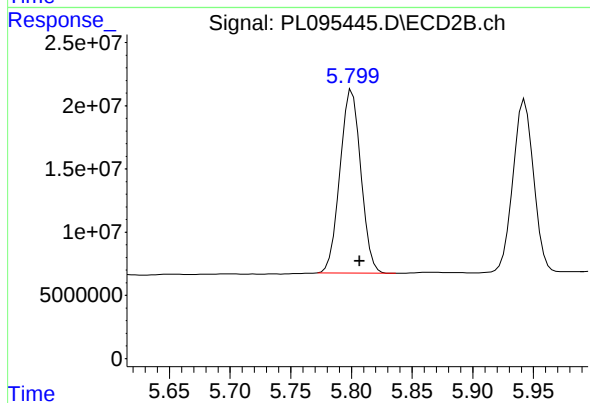
#13 Dieldrin

R.T.: 5.526 min
Delta R.T.: -0.006 min
Response: 197957738
Conc: 48.67 ng/ml



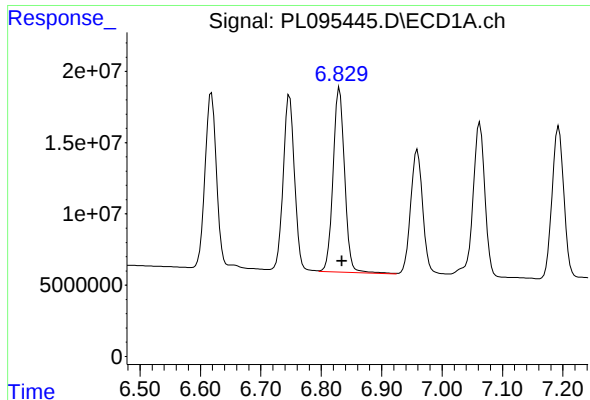
#14 Endrin

R.T.: 6.618 min
Delta R.T.: -0.005 min
Response: 166064146
Conc: 52.14 ng/ml



#14 Endrin

R.T.: 5.800 min
Delta R.T.: -0.006 min
Response: 173893071
Conc: 47.76 ng/ml



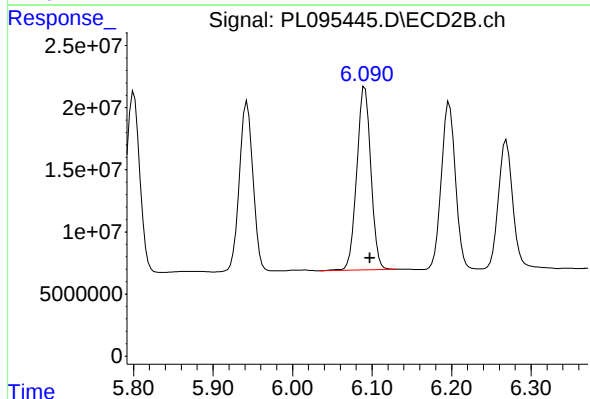
#15 Endosulfan II

R.T.: 6.830 min
Delta R.T.: -0.005 min
Response: 172148584
Conc: 53.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-1MSD

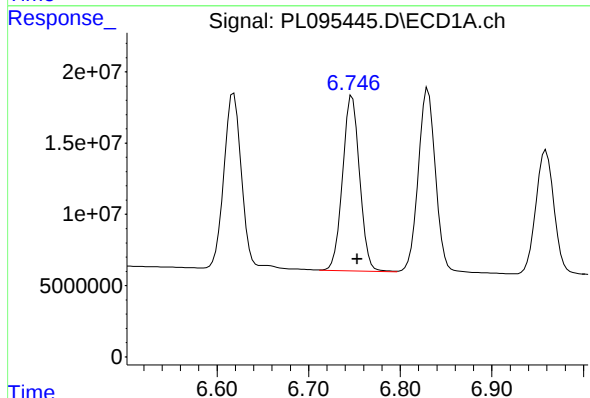
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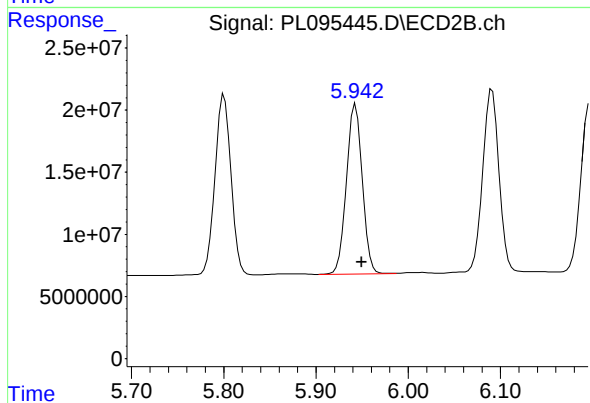
#15 Endosulfan II

R.T.: 6.091 min
Delta R.T.: -0.006 min
Response: 181918560
Conc: 50.66 ng/ml



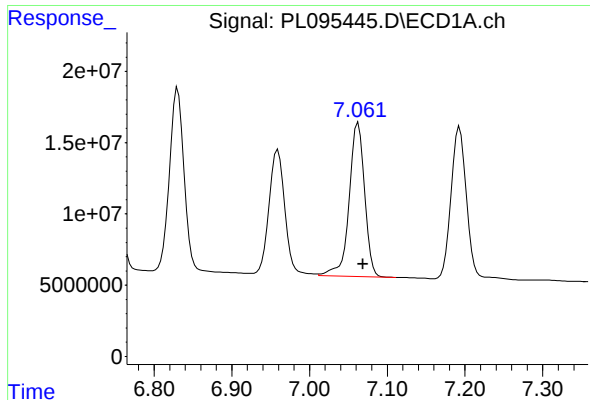
#16 4,4'-DDD

R.T.: 6.748 min
Delta R.T.: -0.005 min
Response: 160209776
Conc: 56.59 ng/ml



#16 4,4'-DDD

R.T.: 5.943 min
Delta R.T.: -0.006 min
Response: 163545905
Conc: 50.06 ng/ml



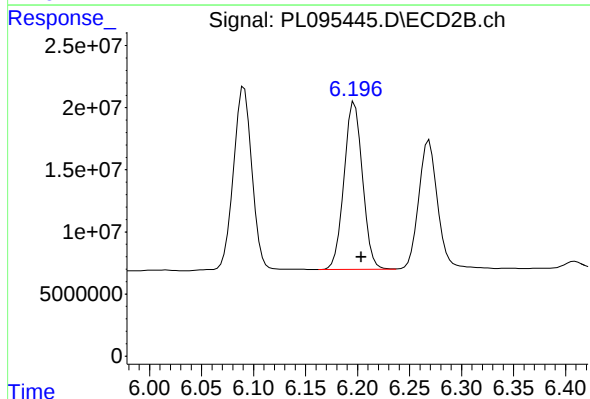
#17 4,4'-DDT

R.T.: 7.063 min
Delta R.T.: -0.006 min
Response: 147651552
Conc: 51.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-1MSD

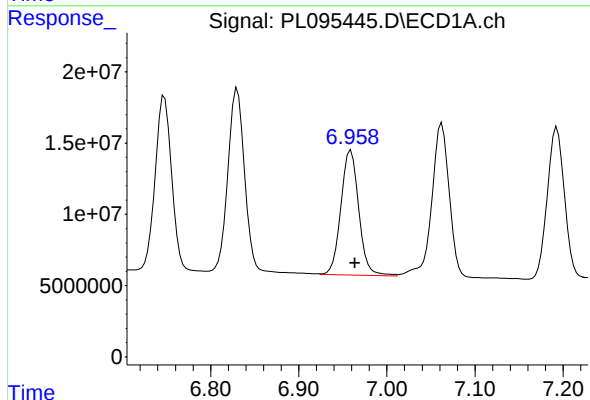
Manual Integrations
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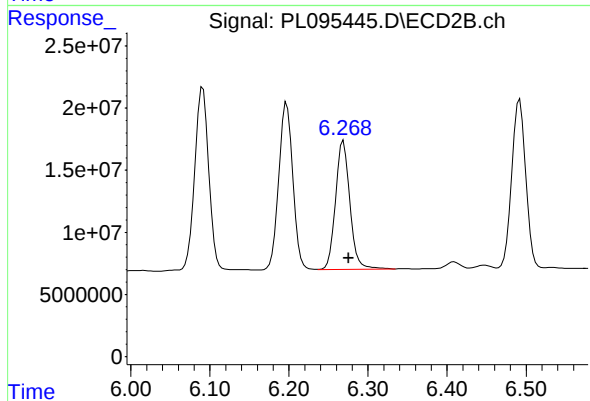
#17 4,4'-DDT

R.T.: 6.197 min
Delta R.T.: -0.007 min
Response: 166438490
Conc: 48.44 ng/ml



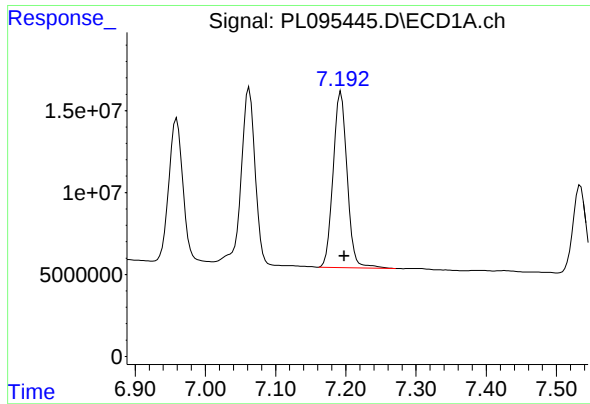
#18 Endrin aldehyde

R.T.: 6.959 min
Delta R.T.: -0.005 min
Response: 123465151
Conc: 53.20 ng/ml



#18 Endrin aldehyde

R.T.: 6.269 min
Delta R.T.: -0.007 min
Response: 131698540
Conc: 50.40 ng/ml



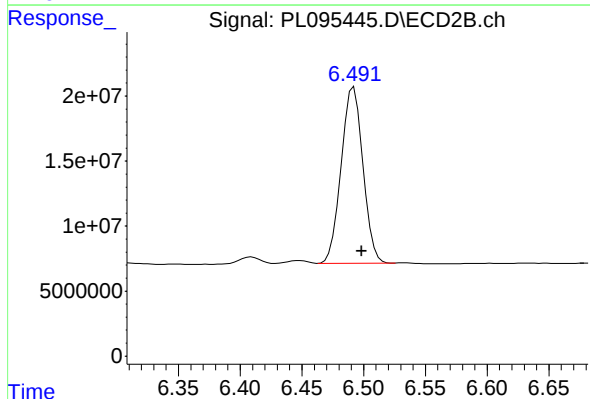
#19 Endosulfan Sulfate

R.T.: 7.193 min
Delta R.T.: -0.005 min
Response: 148446966
Conc: 52.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-1MSD

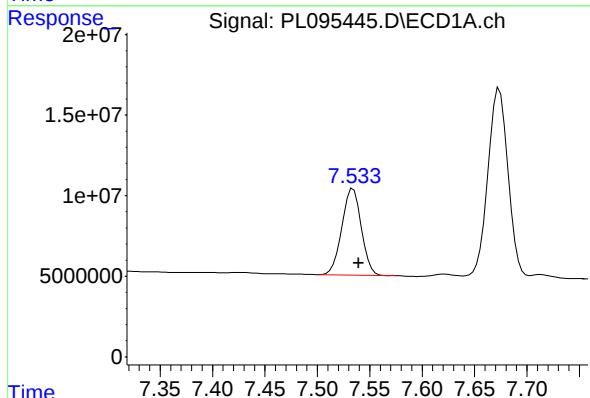
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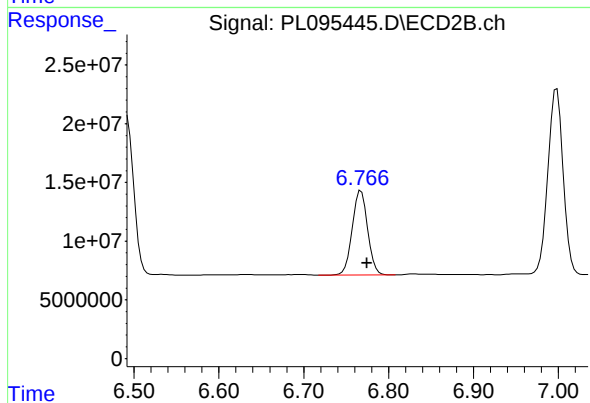
#19 Endosulfan Sulfate

R.T.: 6.491 min
Delta R.T.: -0.008 min
Response: 166091891
Conc: 50.06 ng/ml m



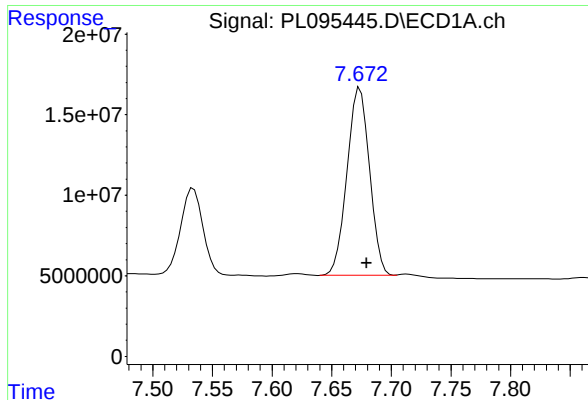
#20 Methoxychlor

R.T.: 7.534 min
Delta R.T.: -0.005 min
Response: 69311509
Conc: 49.68 ng/ml



#20 Methoxychlor

R.T.: 6.767 min
Delta R.T.: -0.007 min
Response: 90789266
Conc: 47.60 ng/ml



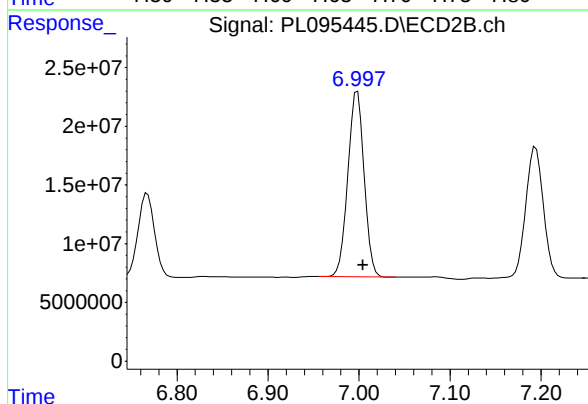
#21 Endrin ketone

R.T.: 7.674 min
Delta R.T.: -0.006 min
Response: 153089804
Conc: 53.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-1MSD

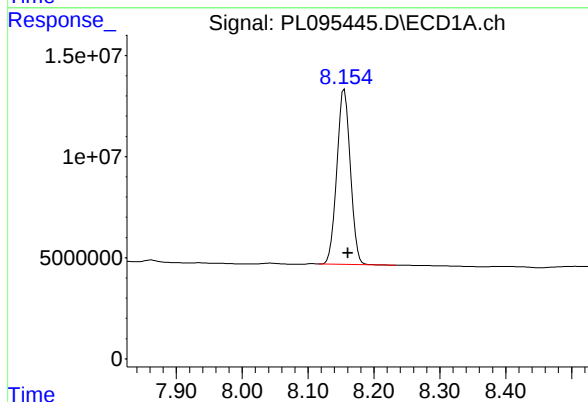
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/29/2025
Supervised By :mohammad ahmed 05/02/2025



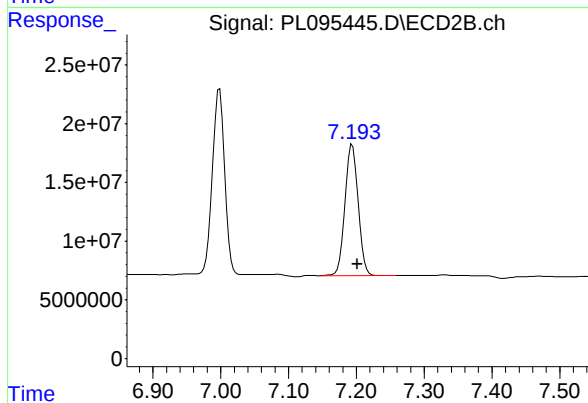
#21 Endrin ketone

R.T.: 6.998 min
Delta R.T.: -0.006 min
Response: 197138496
Conc: 55.98 ng/ml



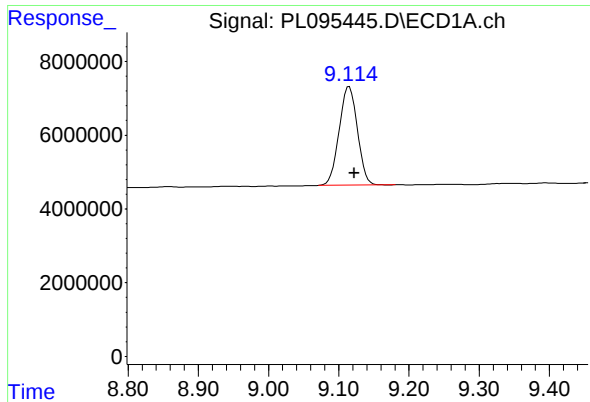
#22 Mirex

R.T.: 8.155 min
Delta R.T.: -0.005 min
Response: 123530946
Conc: 51.99 ng/ml



#22 Mirex

R.T.: 7.194 min
Delta R.T.: -0.007 min
Response: 150642081
Conc: 52.26 ng/ml



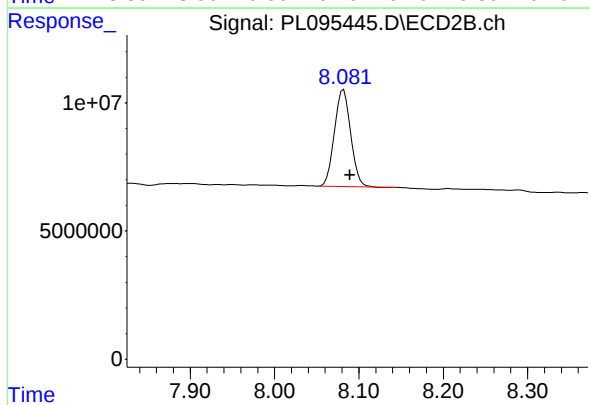
#28 Decachlorobiphenyl

R.T.: 9.115 min
Delta R.T.: -0.007 min
Response: 48269853
Conc: 17.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-1MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/29/2025
Supervised By :mohammad ahmed 05/02/2025



#28 Decachlorobiphenyl

R.T.: 8.082 min
Delta R.T.: -0.008 min
Response: 50724520
Conc: 17.14 ng/ml