

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042425\
 Data File : PL095363.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Apr 2025 11:06
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/25/2025
 Supervised By : mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 25 01:42:50 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...	3.595	2.906	185.8E6	161.1E6	56.906	50.673
28)	SA Decachlor...	9.125	8.089	139.5E6	135.6E6	50.364	45.832
Target Compounds							
2)	A alpha-BHC	4.047	3.416	284.3E6	231.5E6	57.384	52.036
3)	MA gamma-BHC...	4.378	3.749	269.3E6	225.9E6	56.887	51.373
4)	MA Heptachlor	4.976	4.104	252.1E6	213.2E6	55.112	48.932
5)	MB Aldrin	5.319	4.389	258.4E6	206.2E6	56.258	50.113
6)	B beta-BHC	4.565	4.042	116.6E6	103.6E6	56.378	49.907m
7)	B delta-BHC	4.812	4.279	261.6E6	224.2E6	56.245m	51.168
8)	B Heptachlo...	5.740	4.892	225.5E6	190.3E6	56.309	49.277
9)	A Endosulfan I	6.123	5.265	208.1E6	182.1E6	54.805	49.744
10)	B gamma-Chl...	5.994	5.145	229.3E6	198.3E6	56.218	48.938
11)	B alpha-Chl...	6.075	5.210	225.2E6	195.1E6	55.397	49.000
12)	B 4,4'-DDE	6.244	5.396	217.2E6	197.6E6	55.409	48.597
13)	MA Dieldrin	6.396	5.531	212.2E6	198.3E6	55.043	48.750
14)	MA Endrin	6.624	5.805	160.5E6	162.9E6	50.403	44.756
15)	B Endosulfa...	6.835	6.096	178.1E6	173.4E6	55.785	48.274
16)	A 4,4'-DDD	6.753	5.948	163.6E6	163.8E6	57.781	50.130
17)	MA 4,4'-DDT	7.069	6.203	143.3E6	151.1E6	50.304	43.961
18)	B Endrin al...	6.965	6.274	121.4E6	122.7E6	52.289	46.960
19)	B Endosulfa...	7.199	6.497	148.6E6	157.9E6	53.025	47.587
20)	A Methoxychlor	7.540	6.773	65862908	80761521	47.209	42.341
21)	B Endrin ke...	7.681	7.004	154.0E6	178.8E6	54.003	50.782
22)	Mirex	8.161	7.200	122.5E6	137.1E6	51.574	47.566m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042425\
Data File : PL095363.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Apr 2025 11:06
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

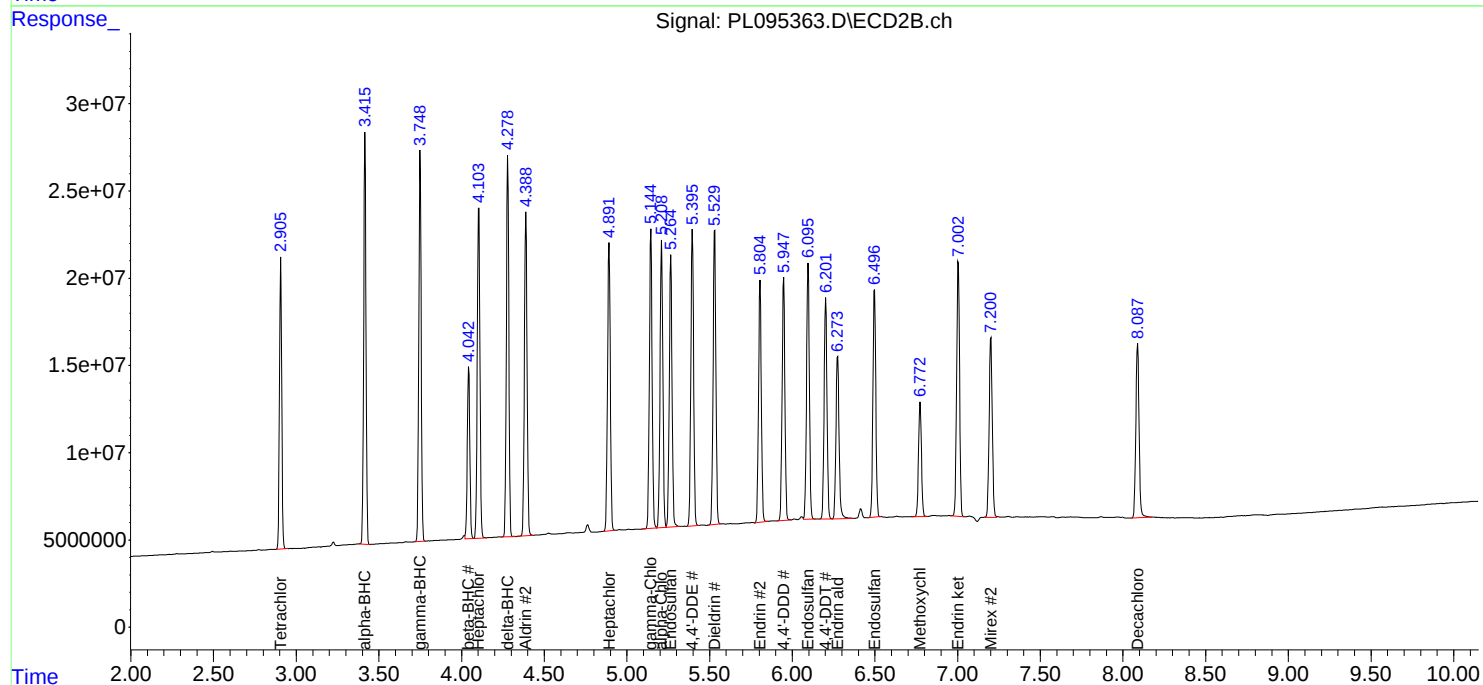
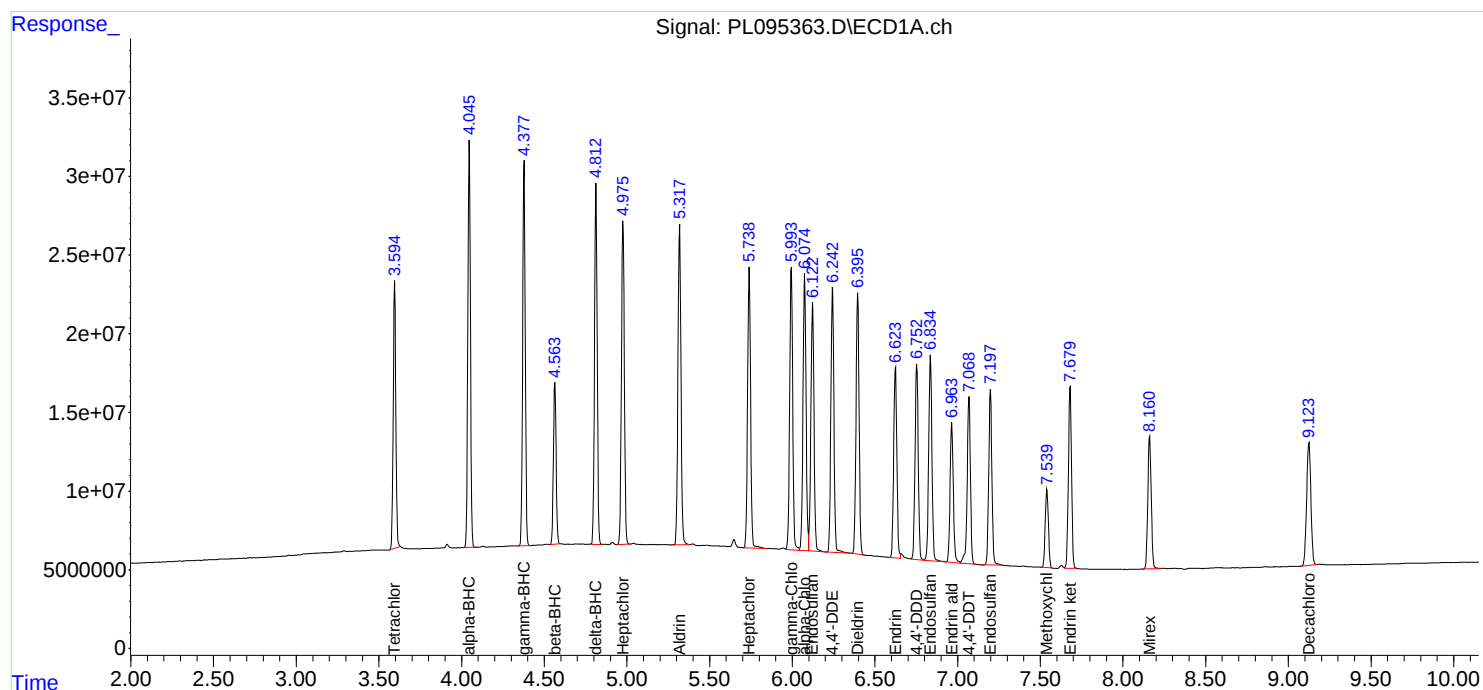
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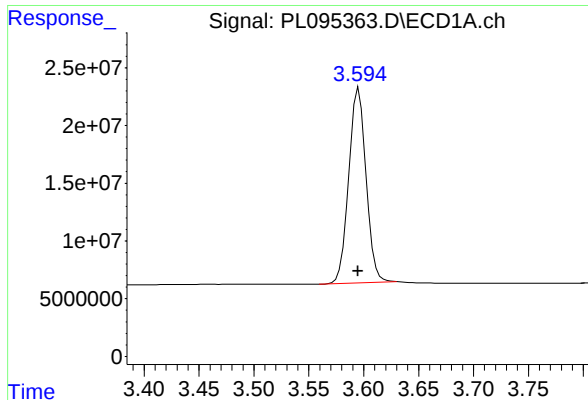
Reviewed By :Abdul Mirza 04/25/2025

Supervised By :mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 25 01:42:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042325.M
Quant Title : GC Extractables
QLast Update : Wed Apr 23 16:23:18 2025
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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





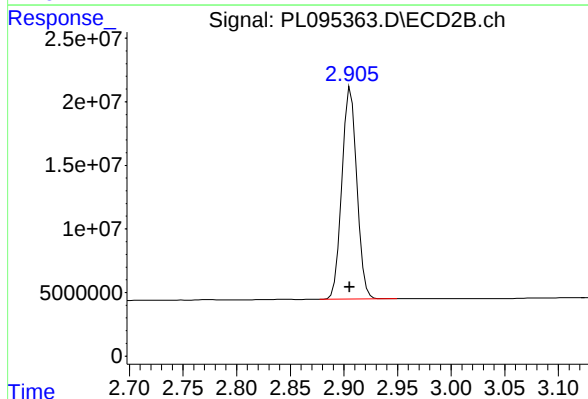
#1 Tetrachloro-m-xylene

R.T.: 3.595 min
Delta R.T.: 0.000 min
Response: 185778008
Conc: 56.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

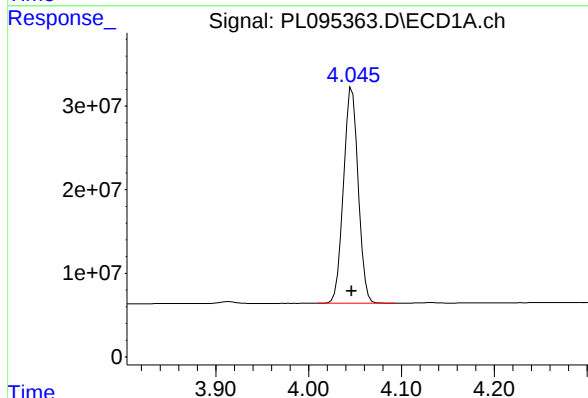
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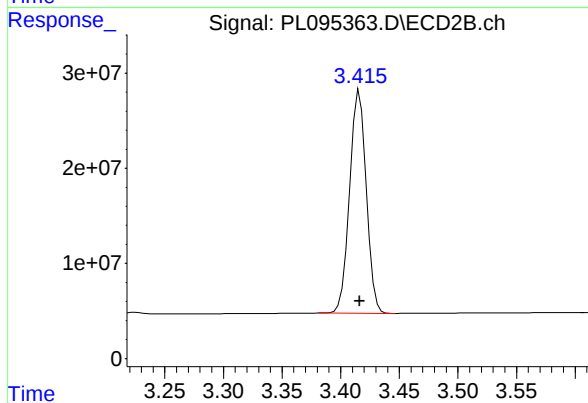
#1 Tetrachloro-m-xylene

R.T.: 2.906 min
Delta R.T.: 0.000 min
Response: 161128113
Conc: 50.67 ng/ml



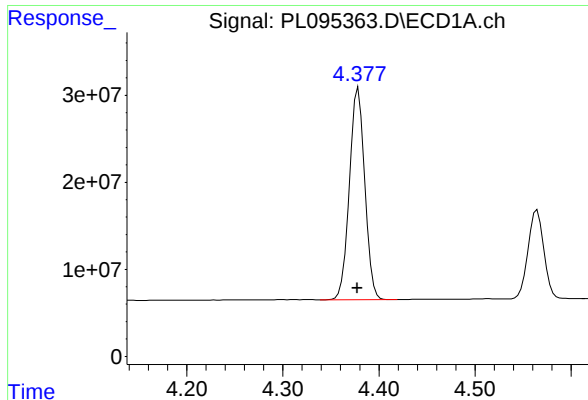
#2 alpha-BHC

R.T.: 4.047 min
Delta R.T.: 0.000 min
Response: 284266575
Conc: 57.38 ng/ml



#2 alpha-BHC

R.T.: 3.416 min
Delta R.T.: 0.000 min
Response: 231492549
Conc: 52.04 ng/ml



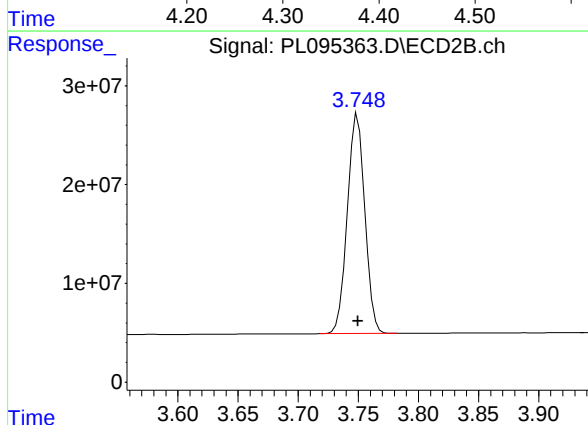
#3 gamma-BHC (Lindane)

R.T.: 4.378 min
Delta R.T.: 0.000 min
Response: 269302907
Conc: 56.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

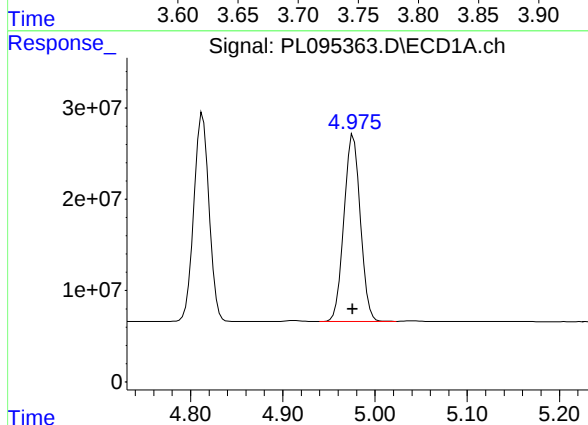
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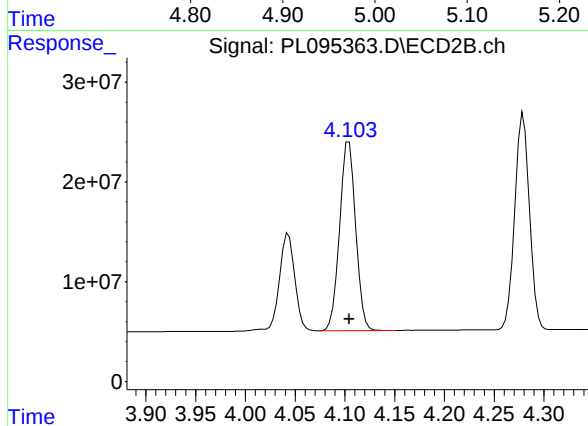
#3 gamma-BHC (Lindane)

R.T.: 3.749 min
Delta R.T.: 0.000 min
Response: 225949449
Conc: 51.37 ng/ml



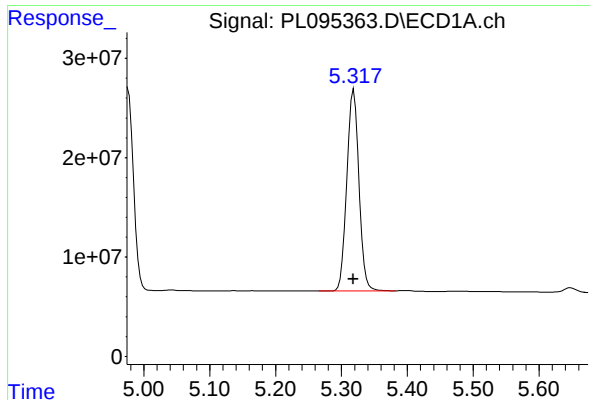
#4 Heptachlor

R.T.: 4.976 min
Delta R.T.: 0.000 min
Response: 252110163
Conc: 55.11 ng/ml



#4 Heptachlor

R.T.: 4.104 min
Delta R.T.: 0.000 min
Response: 213180188
Conc: 48.93 ng/ml



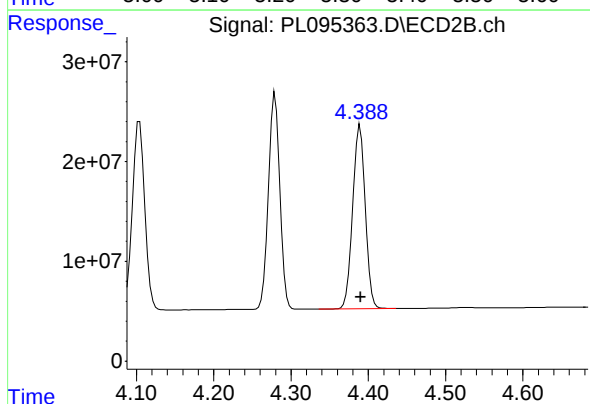
#5 Aldrin

R.T.: 5.319 min
Delta R.T.: 0.000 min
Response: 258395801
Conc: 56.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

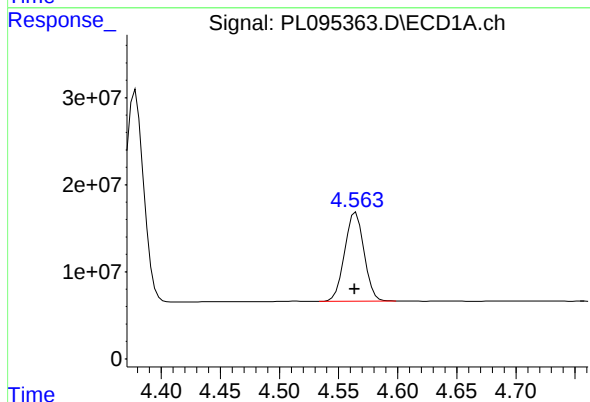
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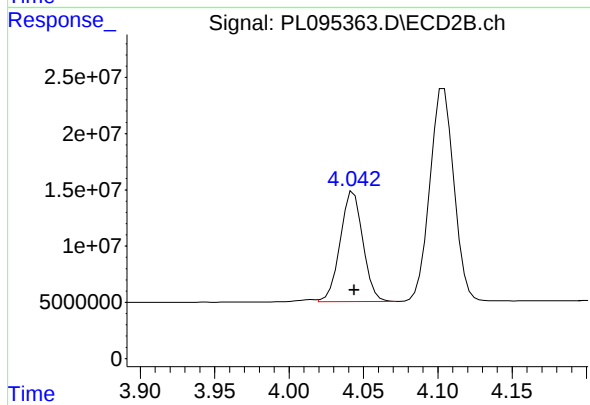
#5 Aldrin

R.T.: 4.389 min
Delta R.T.: 0.000 min
Response: 206249950
Conc: 50.11 ng/ml



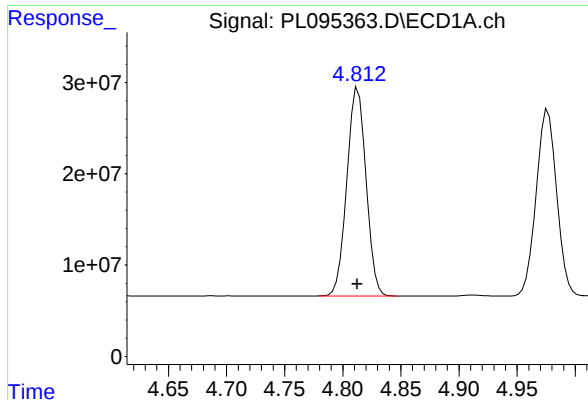
#6 beta-BHC

R.T.: 4.565 min
Delta R.T.: 0.001 min
Response: 116561792
Conc: 56.38 ng/ml



#6 beta-BHC

R.T.: 4.042 min
Delta R.T.: -0.002 min
Response: 103601166
Conc: 49.91 ng/ml m



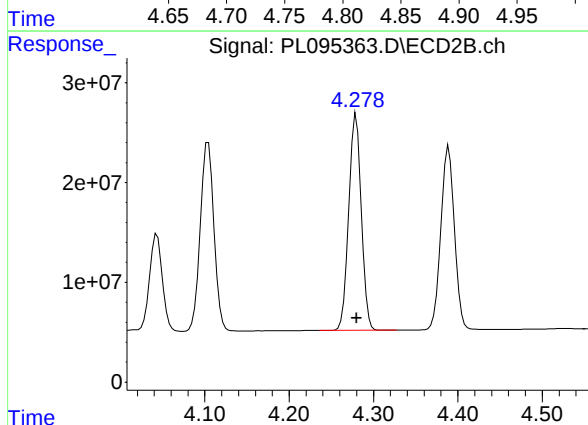
#7 delta-BHC

R.T.: 4.812 min
Delta R.T.: 0.000 min
Response: 261579526
Conc: 56.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

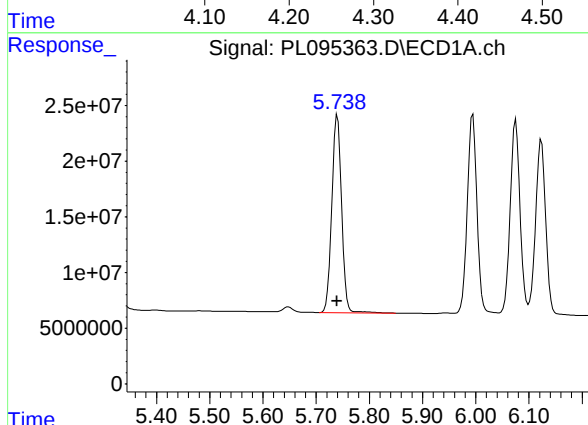
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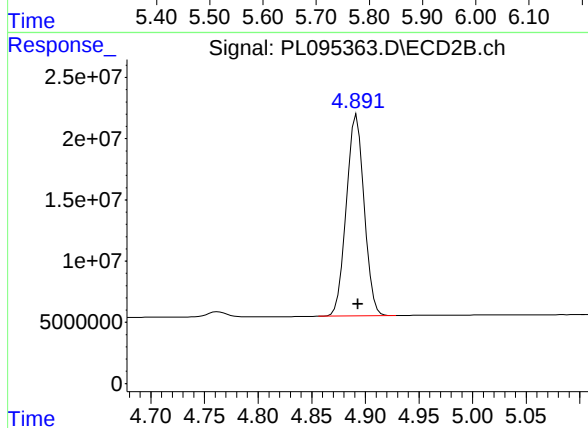
#7 delta-BHC

R.T.: 4.279 min
Delta R.T.: 0.000 min
Response: 224218323
Conc: 51.17 ng/ml



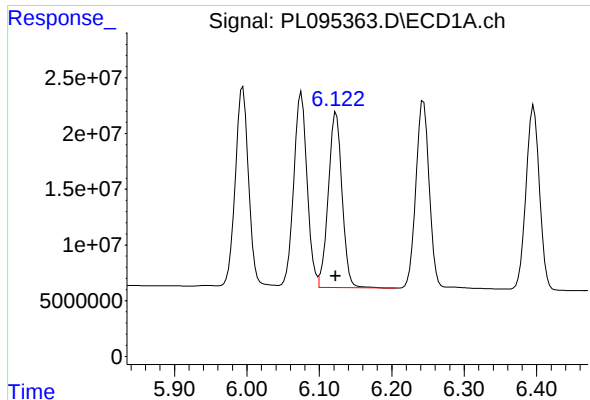
#8 Heptachlor epoxide

R.T.: 5.740 min
Delta R.T.: 0.000 min
Response: 225525184
Conc: 56.31 ng/ml



#8 Heptachlor epoxide

R.T.: 4.892 min
Delta R.T.: -0.001 min
Response: 190339478
Conc: 49.28 ng/ml



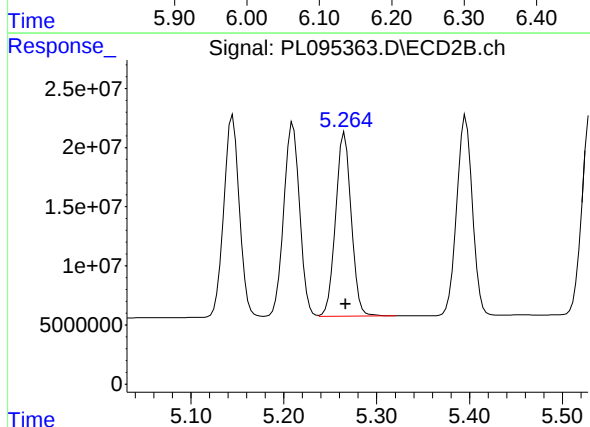
#9 Endosulfan I

R.T.: 6.123 min
Delta R.T.: 0.000 min
Response: 208120987
Conc: 54.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

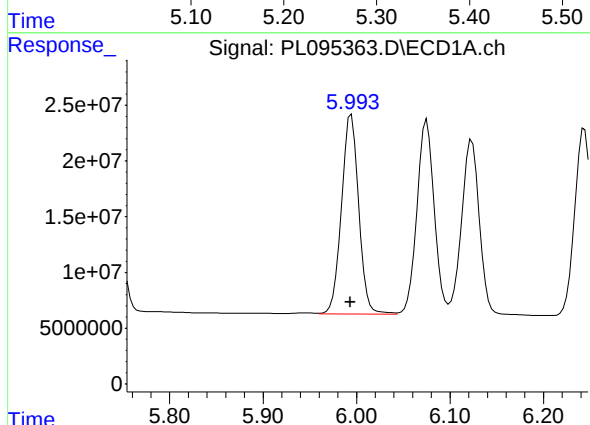
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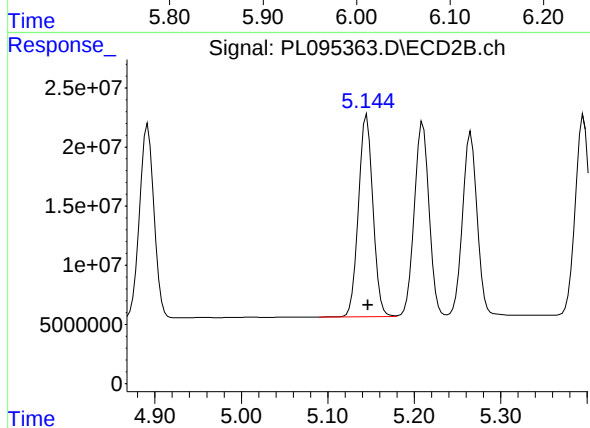
#9 Endosulfan I

R.T.: 5.265 min
Delta R.T.: -0.001 min
Response: 182083101
Conc: 49.74 ng/ml



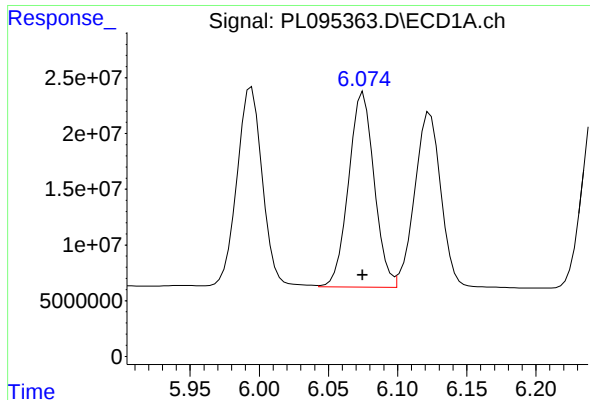
#10 gamma-Chlordane

R.T.: 5.994 min
Delta R.T.: 0.000 min
Response: 229333896
Conc: 56.22 ng/ml



#10 gamma-Chlordane

R.T.: 5.145 min
Delta R.T.: -0.002 min
Response: 198329936
Conc: 48.94 ng/ml



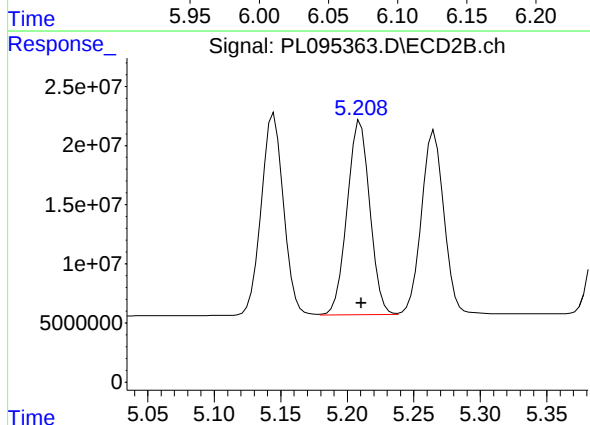
#11 alpha-Chlordane

R.T.: 6.075 min
Delta R.T.: 0.000 min
Response: 225248927
Conc: 55.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

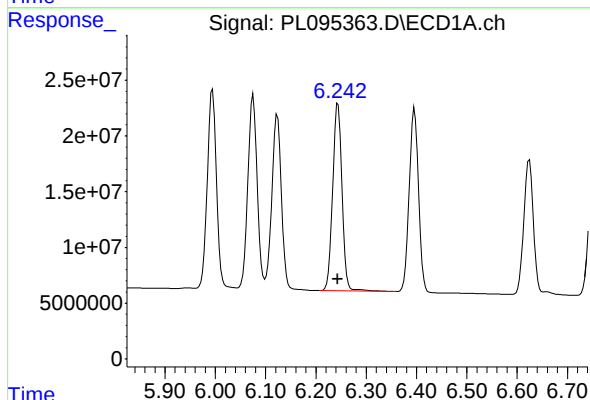
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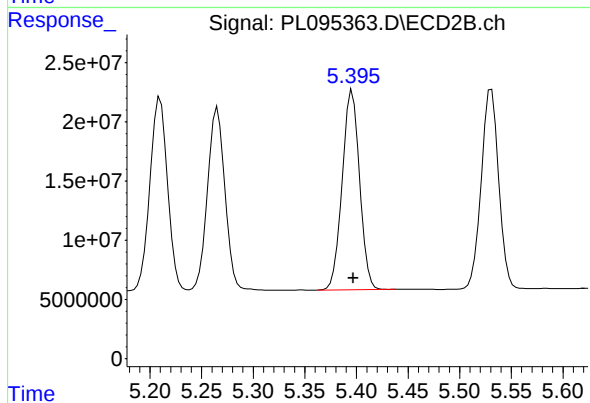
#11 alpha-Chlordane

R.T.: 5.210 min
Delta R.T.: 0.000 min
Response: 195071194
Conc: 49.00 ng/ml



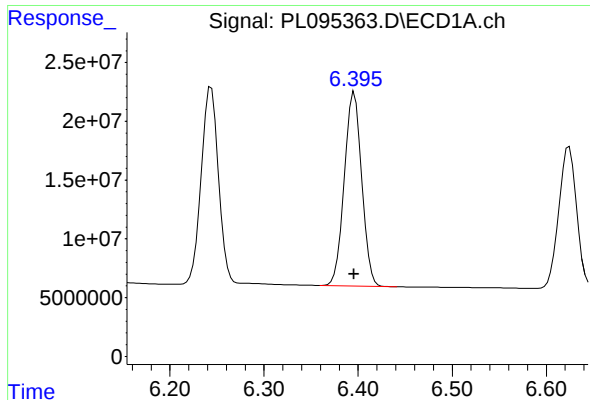
#12 4,4'-DDE

R.T.: 6.244 min
Delta R.T.: 0.000 min
Response: 217233258
Conc: 55.41 ng/ml



#12 4,4'-DDE

R.T.: 5.396 min
Delta R.T.: 0.000 min
Response: 197643142
Conc: 48.60 ng/ml



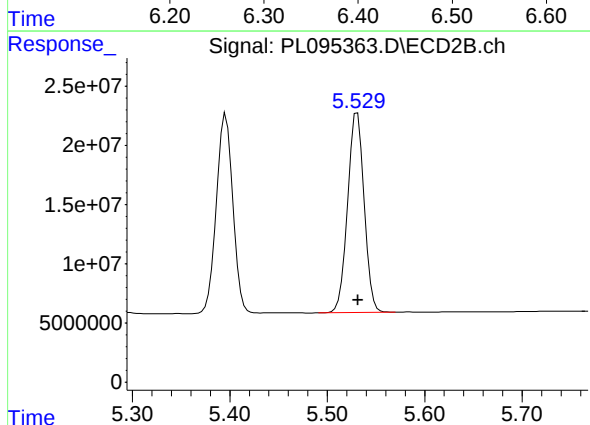
#13 Dieldrin

R.T.: 6.396 min
Delta R.T.: 0.000 min
Response: 212178686
Conc: 55.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

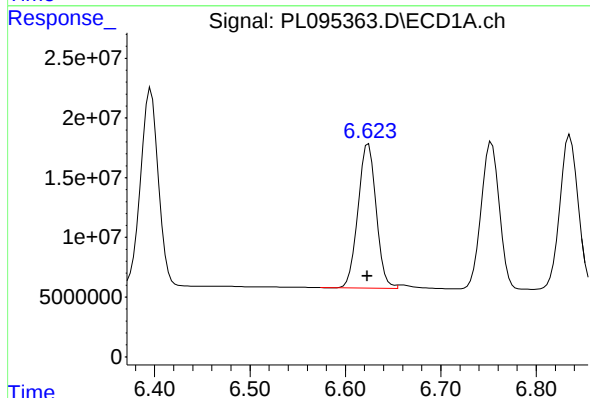
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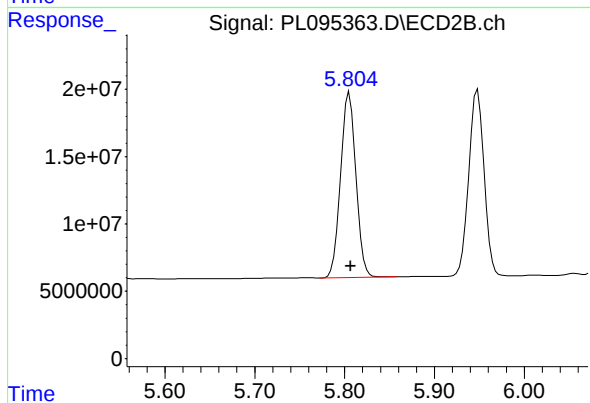
#13 Dieldrin

R.T.: 5.531 min
Delta R.T.: -0.001 min
Response: 198268460
Conc: 48.75 ng/ml



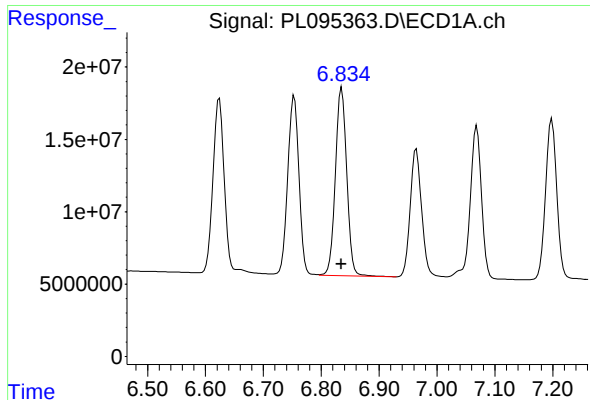
#14 Endrin

R.T.: 6.624 min
Delta R.T.: 0.001 min
Response: 160521848
Conc: 50.40 ng/ml



#14 Endrin

R.T.: 5.805 min
Delta R.T.: -0.001 min
Response: 162943033
Conc: 44.76 ng/ml



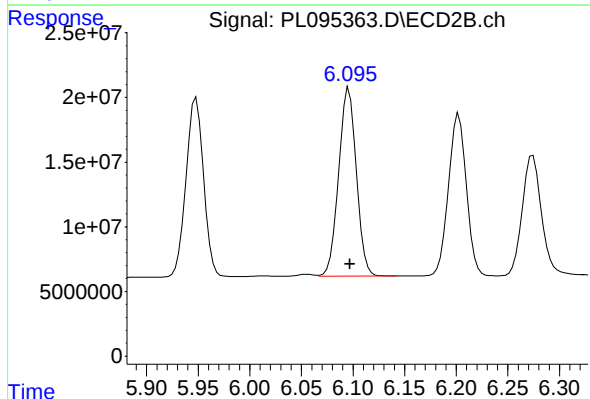
#15 Endosulfan II

R.T.: 6.835 min
Delta R.T.: 0.000 min
Response: 178074955
Conc: 55.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

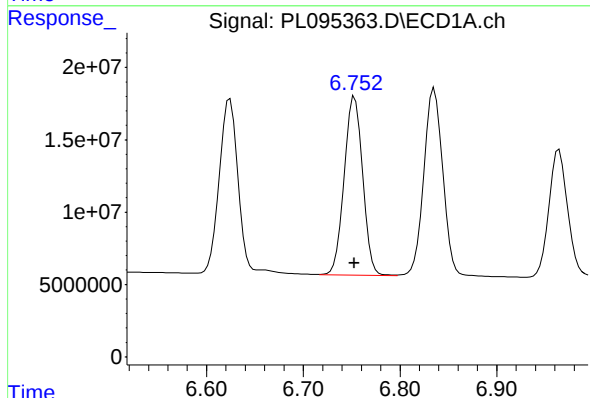
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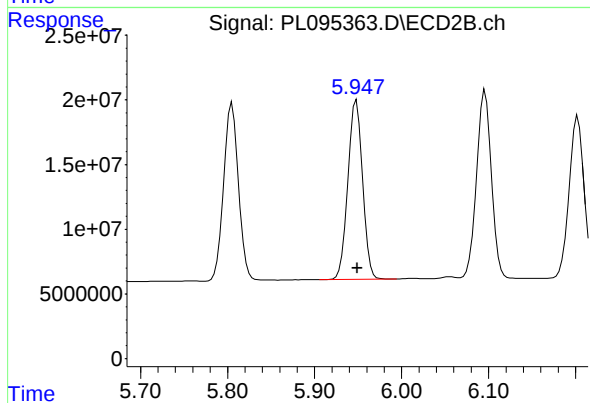
#15 Endosulfan II

R.T.: 6.096 min
Delta R.T.: -0.001 min
Response: 173357050
Conc: 48.27 ng/ml



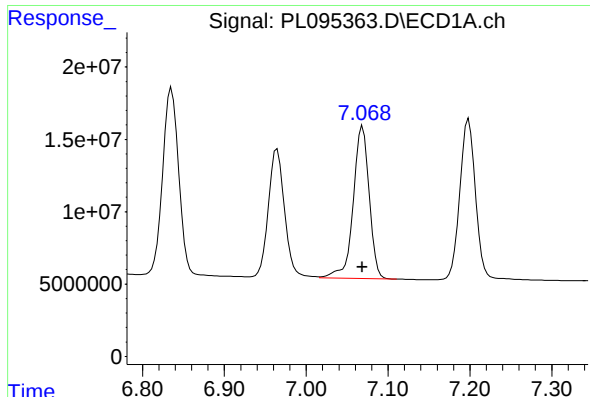
#16 4,4'-DDD

R.T.: 6.753 min
Delta R.T.: 0.000 min
Response: 163574418
Conc: 57.78 ng/ml



#16 4,4'-DDD

R.T.: 5.948 min
Delta R.T.: -0.001 min
Response: 163763949
Conc: 50.13 ng/ml



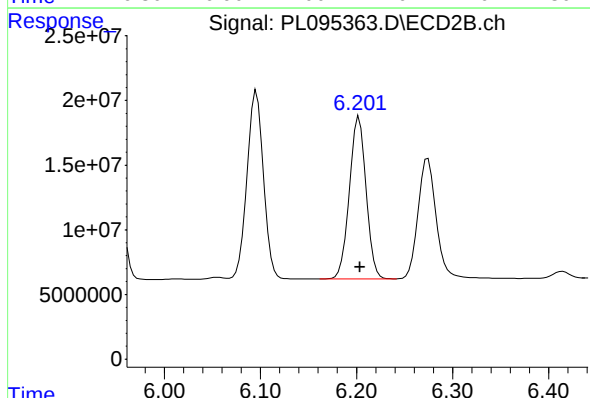
#17 4,4'-DDT

R.T.: 7.069 min
Delta R.T.: 0.000 min
Response: 143295328
Conc: 50.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

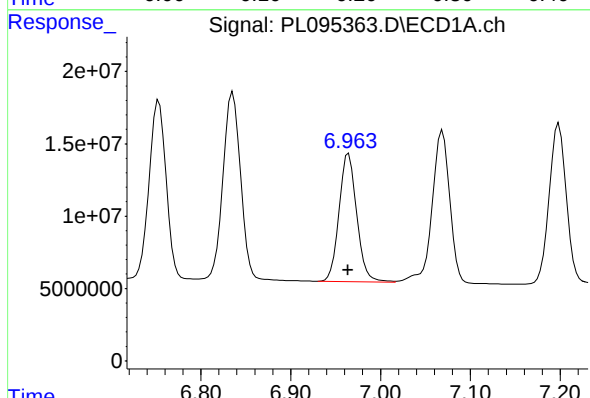
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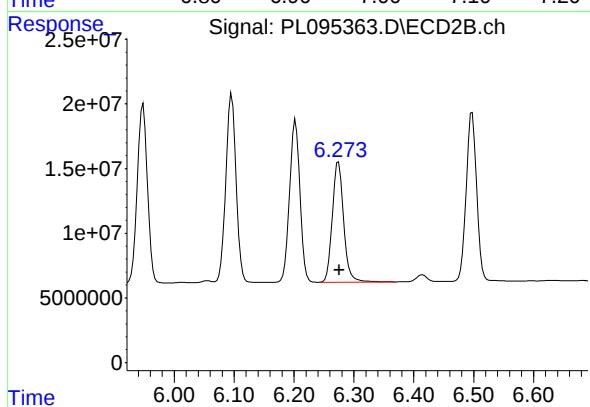
#17 4,4'-DDT

R.T.: 6.203 min
Delta R.T.: -0.001 min
Response: 151057747
Conc: 43.96 ng/ml



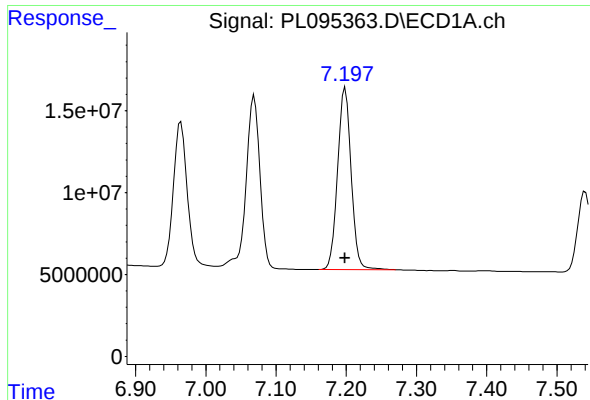
#18 Endrin aldehyde

R.T.: 6.965 min
Delta R.T.: 0.000 min
Response: 121351156
Conc: 52.29 ng/ml



#18 Endrin aldehyde

R.T.: 6.274 min
Delta R.T.: -0.001 min
Response: 122714675
Conc: 46.96 ng/ml



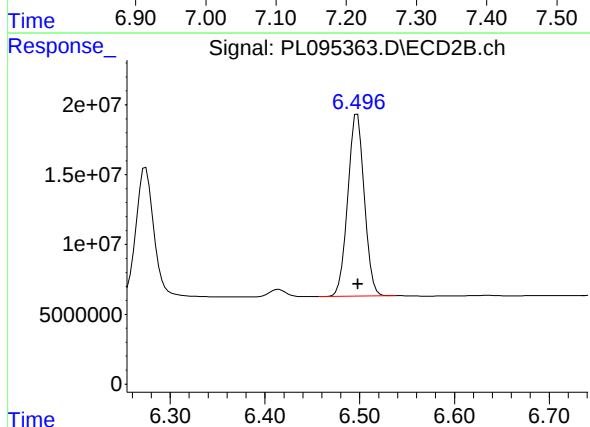
#19 Endosulfan Sulfate

R.T.: 7.199 min
Delta R.T.: 0.000 min
Response: 148565926
Conc: 53.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

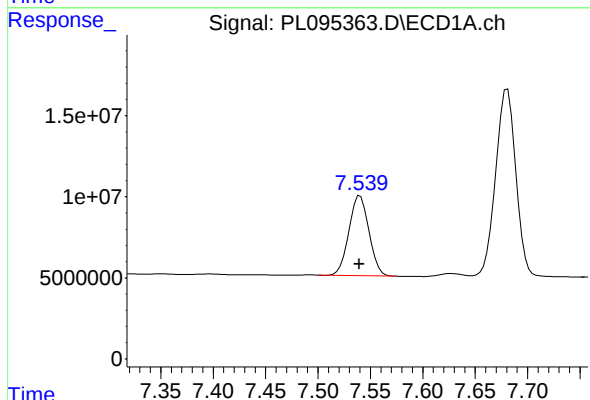
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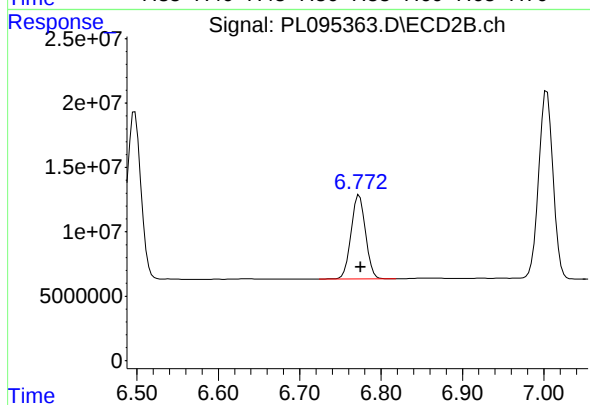
#19 Endosulfan Sulfate

R.T.: 6.497 min
Delta R.T.: 0.000 min
Response: 157891426
Conc: 47.59 ng/ml



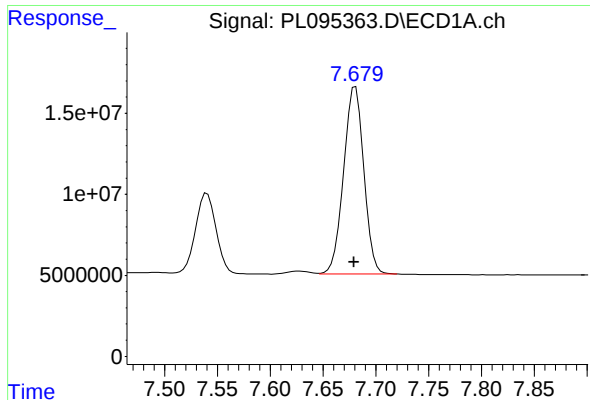
#20 Methoxychlor

R.T.: 7.540 min
Delta R.T.: 0.000 min
Response: 65862908
Conc: 47.21 ng/ml



#20 Methoxychlor

R.T.: 6.773 min
Delta R.T.: -0.002 min
Response: 80761521
Conc: 42.34 ng/ml



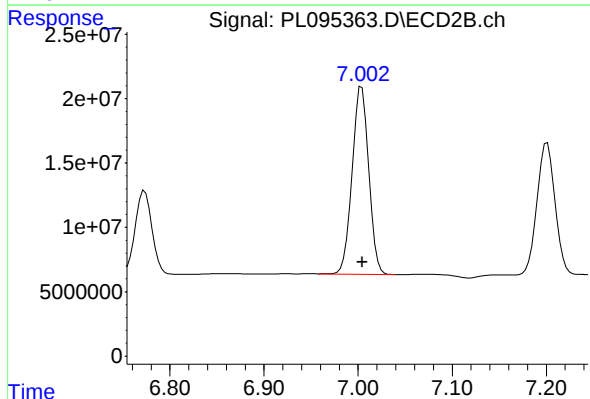
#21 Endrin ketone

R.T.: 7.681 min
Delta R.T.: 0.001 min
Response: 153955525
Conc: 54.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

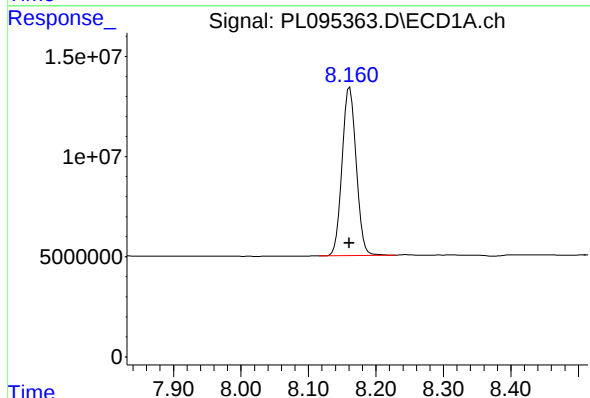
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



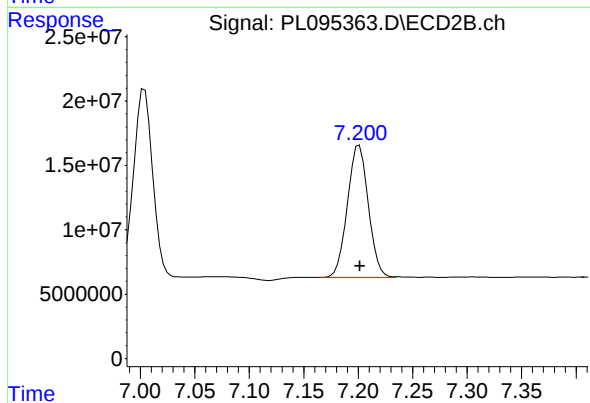
#21 Endrin ketone

R.T.: 7.004 min
Delta R.T.: 0.000 min
Response: 178816851
Conc: 50.78 ng/ml



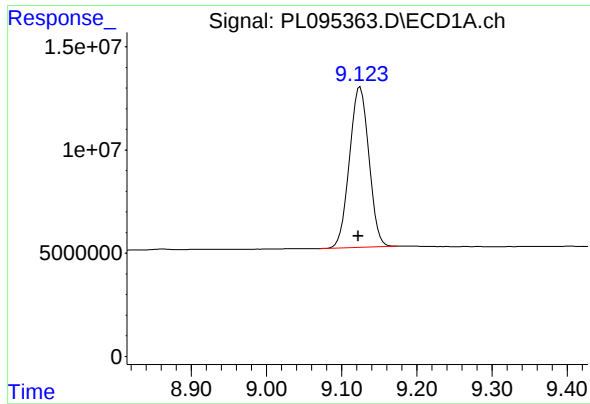
#22 Mirex

R.T.: 8.161 min
Delta R.T.: 0.000 min
Response: 122542799
Conc: 51.57 ng/ml



#22 Mirex

R.T.: 7.200 min
Delta R.T.: -0.002 min
Response: 137104603
Conc: 47.57 ng/ml m



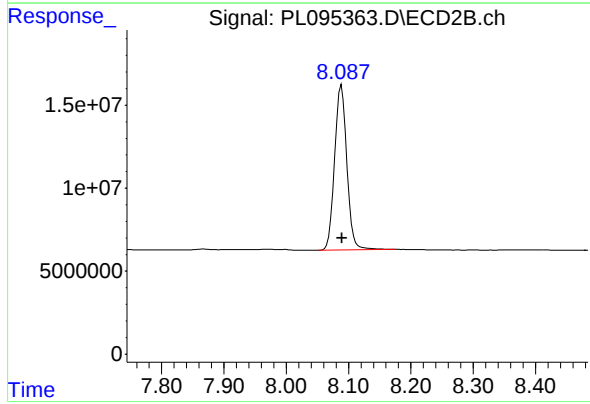
#28 Decachlorobiphenyl

R.T.: 9.125 min
Delta R.T.: 0.002 min
Response: 139548330
Conc: 50.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



#28 Decachlorobiphenyl

R.T.: 8.089 min
Delta R.T.: 0.000 min
Response: 135628177
Conc: 45.83 ng/ml