

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL053025\
 Data File : PL095850.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 May 2025 15:13
 Operator : AR\AJ
 Sample : Q2150-07MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TP-51MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/02/2025
 Supervised By :mohammad ahmed 06/03/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 30 22:53:41 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	46002112	57167551	14.579m	14.606
28)	SA Decachlor...	9.105	8.063	19993273	36343270	8.485	8.308
Target Compounds							
2)	A alpha-BHC	4.025	3.395	240.8E6	301.5E6	49.675	51.470
3)	MA gamma-BHC...	4.357	3.729	221.8E6	286.9E6	49.594	51.224
4)	MA Heptachlor	4.955	4.082	173.2E6	268.2E6	45.746	47.811
5)	MB Aldrin	5.297	4.367	207.3E6	270.3E6	48.465	50.932
6)	B beta-BHC	4.545	4.025	93409250	117.4E6	47.383	47.369
7)	B delta-BHC	4.793	4.260	216.4E6	285.8E6	48.817	50.601
8)	B Heptachlo...	5.719	4.869	184.1E6	247.4E6	48.246	50.098
9)	A Endosulfan I	6.103	5.241	172.2E6	232.4E6	46.985	48.778
10)	B gamma-Chl...	5.973	5.121	186.1E6	259.4E6	47.818m	49.394
11)	B alpha-Chl...	6.055	5.186	183.7E6	257.1E6	46.535	49.424
12)	B 4,4'-DDE	6.225	5.372	168.7E6	257.4E6	45.987	47.999
13)	MA Dieldrin	6.376	5.506	179.8E6	256.2E6	46.595	48.341
14)	MA Endrin	6.603	5.781	138.2E6	219.1E6	42.825	44.938
15)	B Endosulfa...	6.816	6.072	149.3E6	222.3E6	43.334	46.773
16)	A 4,4'-DDD	6.735	5.925	139.5E6	209.7E6	47.603	47.828
17)	MA 4,4'-DDT	7.051	6.178	103.8E6	194.5E6	38.360	40.669
18)	B Endrin al...	6.946	6.250	110.5E6	166.1E6	45.701	48.095
19)	B Endosulfa...	7.179	6.473	132.1E6	206.3E6	44.233	45.900
20)	A Methoxychlor	7.523	6.749	50869306	101.4E6	39.887	38.757
21)	B Endrin ke...	7.661	6.979	142.3E6	246.1E6	44.924	47.575
22)	Mirex	8.143	7.173	101.8E6	175.6E6	43.982	43.238

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL053025\
Data File : PL095850.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 May 2025 15:13
Operator : AR\AJ
Sample : Q2150-07MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

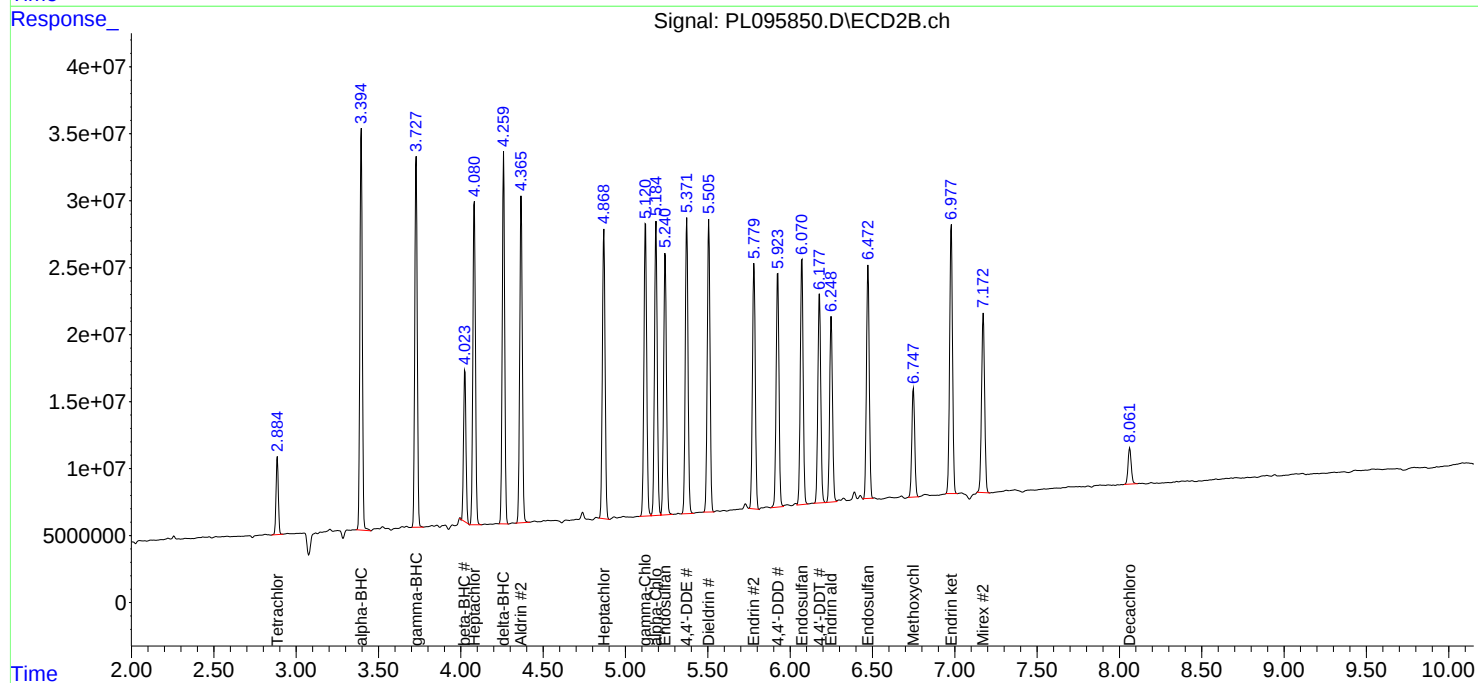
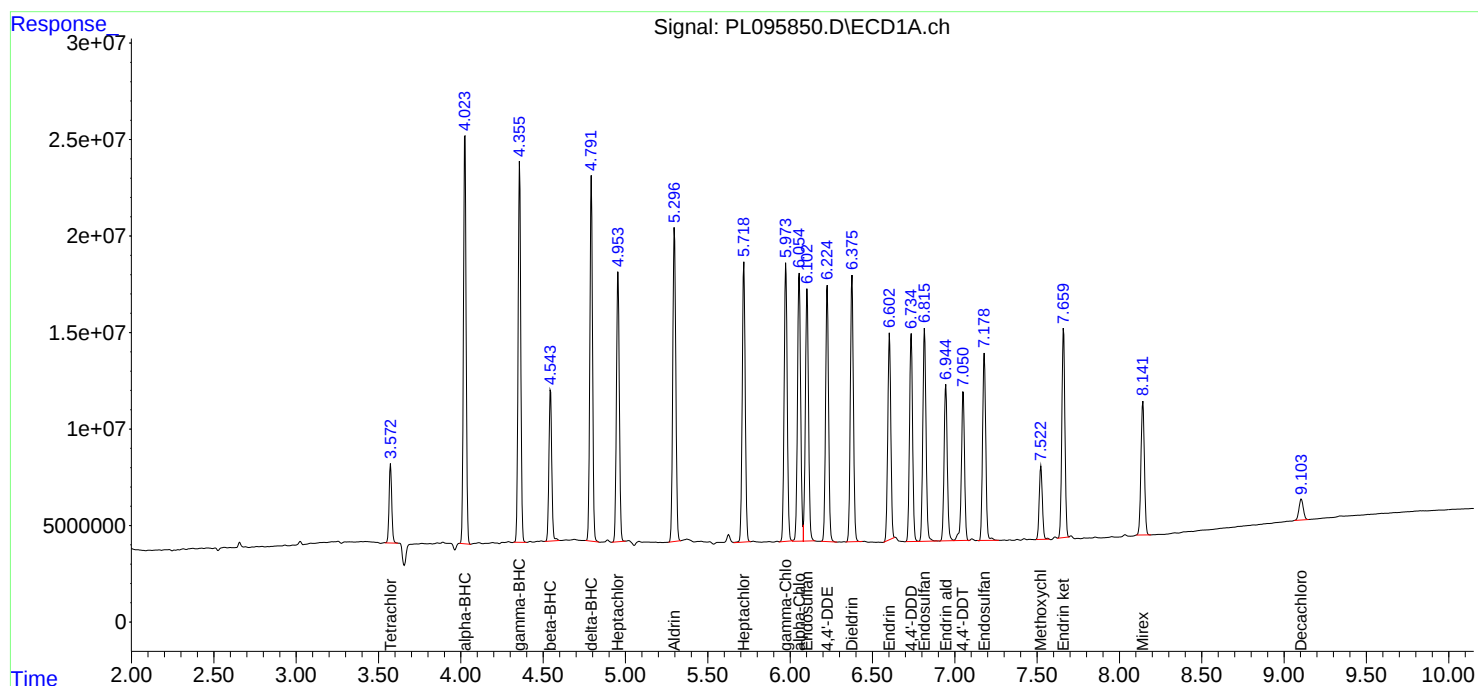
Instrument :
ECD_L
ClientSampleId :
TP-51MSD

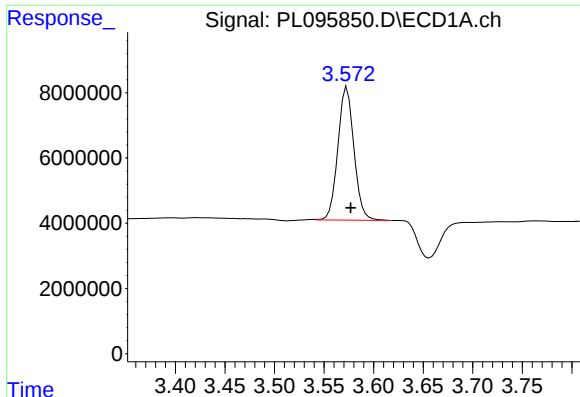
Manual Integrations
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Supervised By :mohammad ahmed 06/03/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 30 22:53:41 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





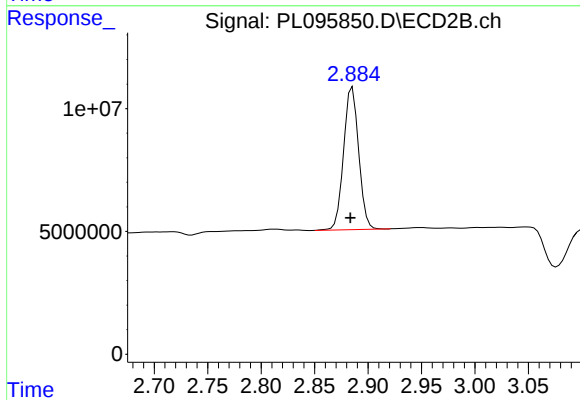
#1 Tetrachloro-m-xylene

R.T.: 3.572 min
Delta R.T.: -0.005 min
Response: 46002112
Conc: 14.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-51MSD

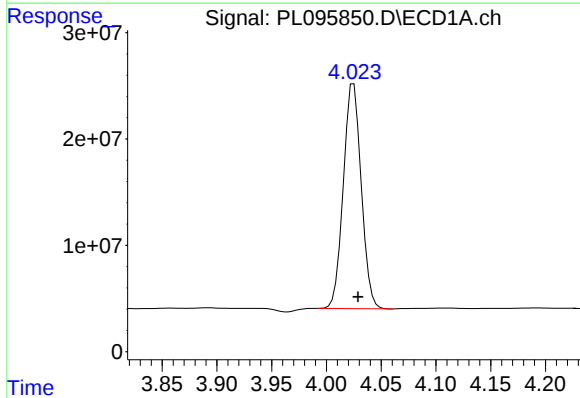
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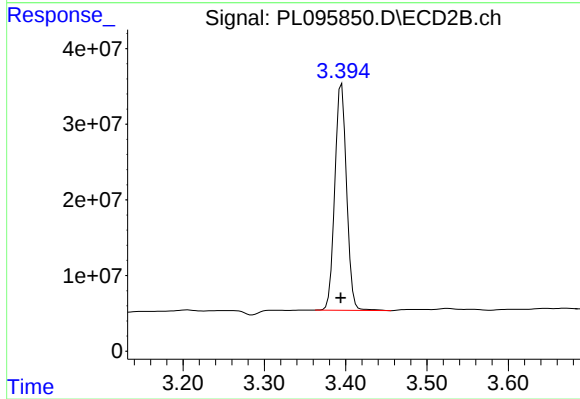
#1 Tetrachloro-m-xylene

R.T.: 2.885 min
Delta R.T.: 0.002 min
Response: 57167551
Conc: 14.61 ng/ml



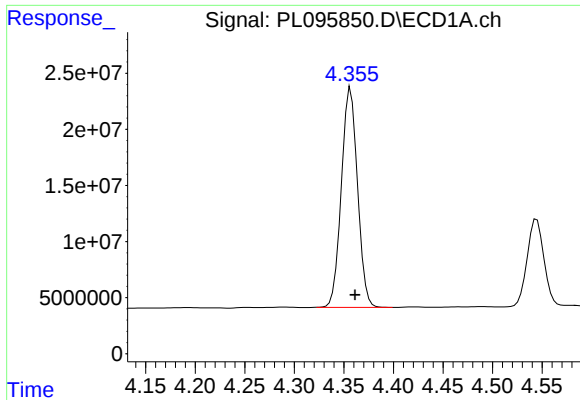
#2 alpha-BHC

R.T.: 4.025 min
Delta R.T.: -0.004 min
Response: 240821995
Conc: 49.68 ng/ml



#2 alpha-BHC

R.T.: 3.395 min
Delta R.T.: 0.001 min
Response: 301480364
Conc: 51.47 ng/ml



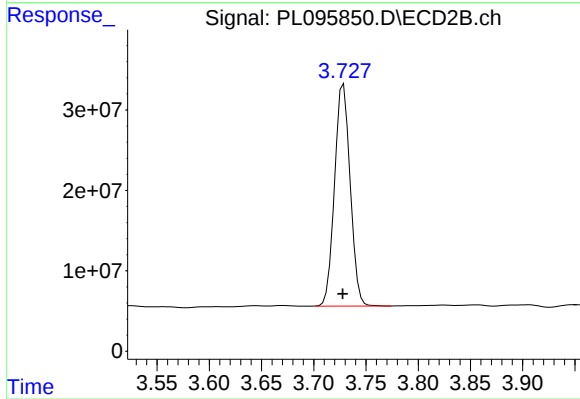
#3 gamma-BHC (Lindane)

R.T.: 4.357 min
Delta R.T.: -0.004 min
Response: 221777198
Conc: 49.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-51MSD

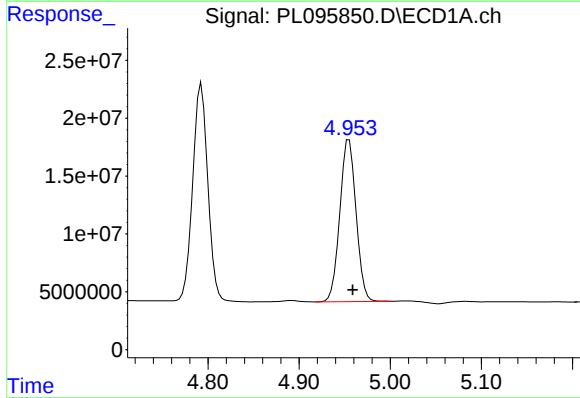
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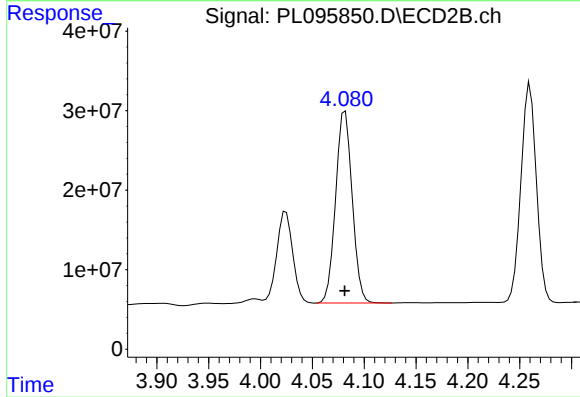
#3 gamma-BHC (Lindane)

R.T.: 3.729 min
Delta R.T.: 0.000 min
Response: 286918992
Conc: 51.22 ng/ml



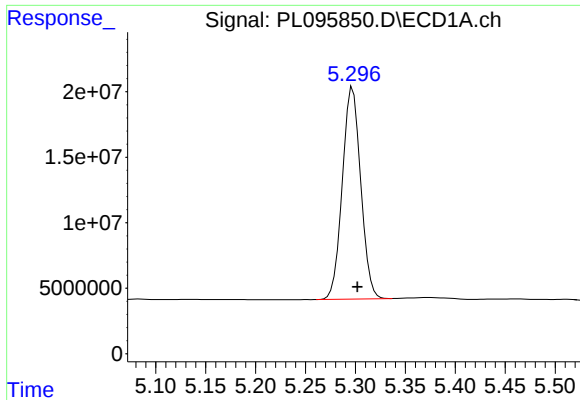
#4 Heptachlor

R.T.: 4.955 min
Delta R.T.: -0.004 min
Response: 173150852
Conc: 45.75 ng/ml



#4 Heptachlor

R.T.: 4.082 min
Delta R.T.: 0.000 min
Response: 268174236
Conc: 47.81 ng/ml



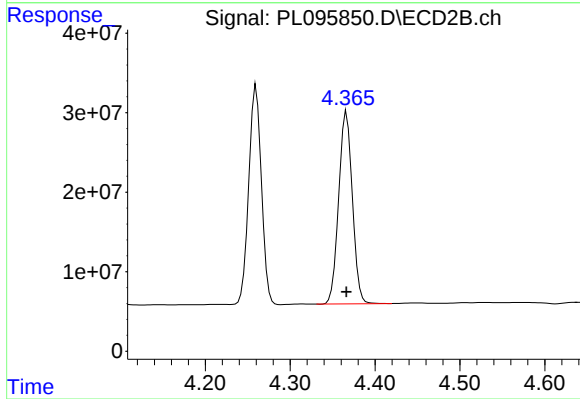
#5 Aldrin

R.T.: 5.297 min
Delta R.T.: -0.005 min
Response: 207320651
Conc: 48.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-51MSD

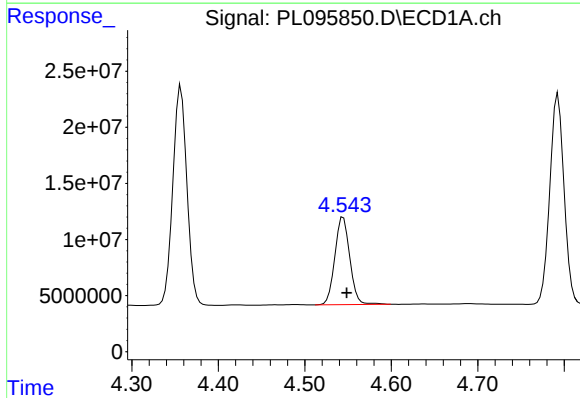
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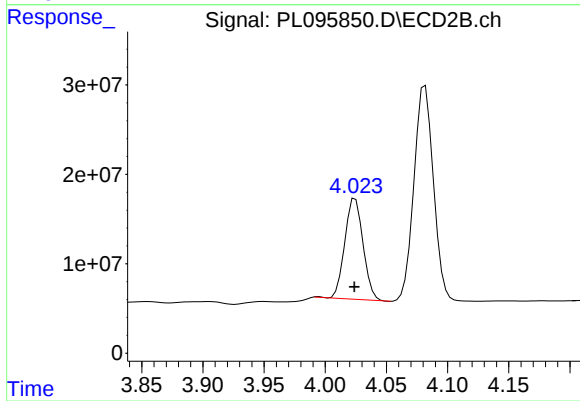
#5 Aldrin

R.T.: 4.367 min
Delta R.T.: 0.000 min
Response: 270304028
Conc: 50.93 ng/ml



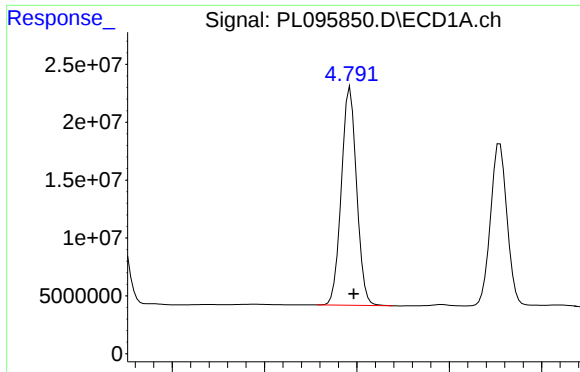
#6 beta-BHC

R.T.: 4.545 min
Delta R.T.: -0.004 min
Response: 93409250
Conc: 47.38 ng/ml



#6 beta-BHC

R.T.: 4.025 min
Delta R.T.: 0.000 min
Response: 117359276
Conc: 47.37 ng/ml



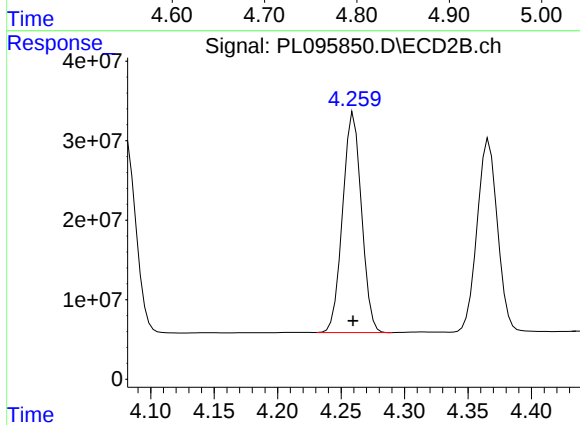
#7 delta-BHC

R.T.: 4.793 min
Delta R.T.: -0.004 min
Response: 216433517
Conc: 48.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-51MSD

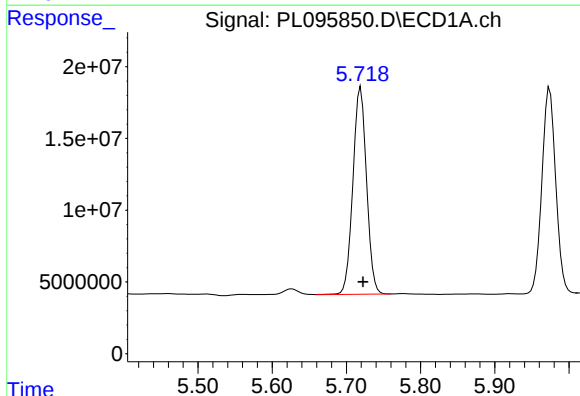
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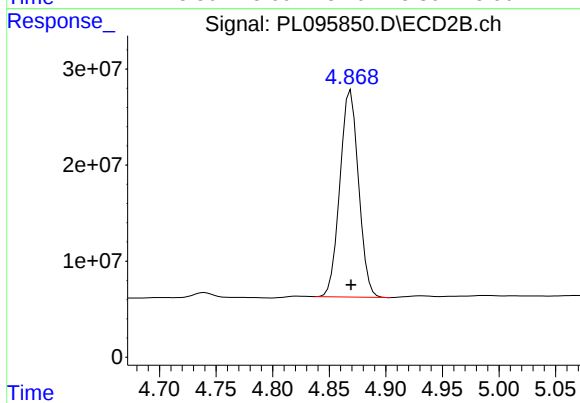
#7 delta-BHC

R.T.: 4.260 min
Delta R.T.: 0.000 min
Response: 285764846
Conc: 50.60 ng/ml



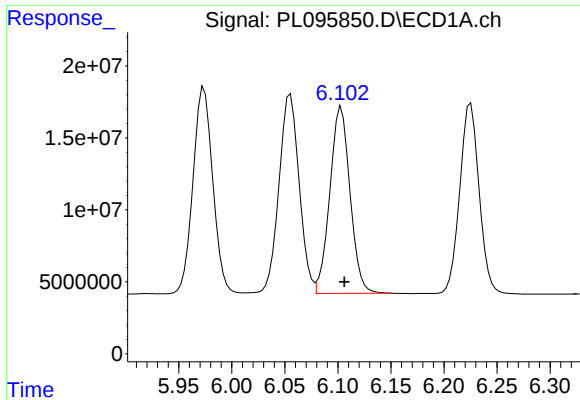
#8 Heptachlor epoxide

R.T.: 5.719 min
Delta R.T.: -0.003 min
Response: 184148798
Conc: 48.25 ng/ml



#8 Heptachlor epoxide

R.T.: 4.869 min
Delta R.T.: 0.000 min
Response: 247354782
Conc: 50.10 ng/ml



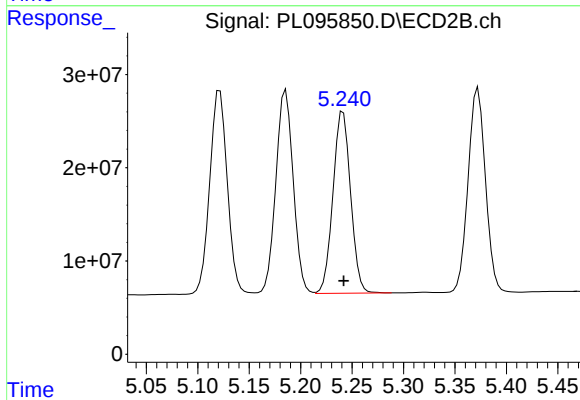
#9 Endosulfan I

R.T.: 6.103 min
Delta R.T.: -0.003 min
Response: 172192961
Conc: 46.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-51MSD

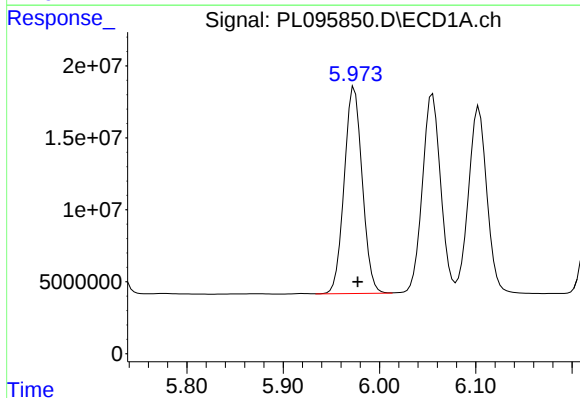
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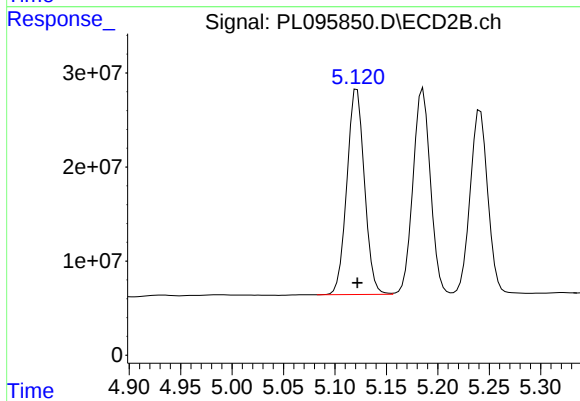
#9 Endosulfan I

R.T.: 5.241 min
Delta R.T.: 0.000 min
Response: 232427646
Conc: 48.78 ng/ml



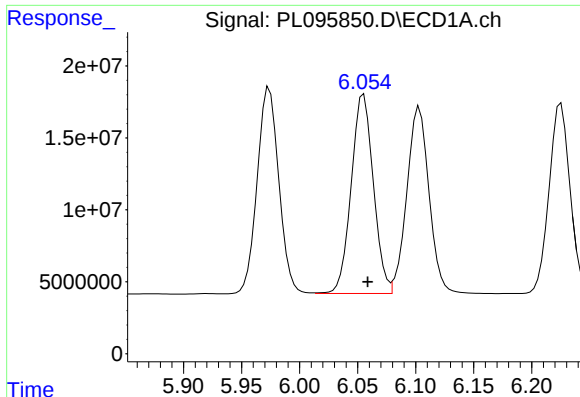
#10 gamma-Chlordane

R.T.: 5.973 min
Delta R.T.: -0.005 min
Response: 186112279
Conc: 47.82 ng/ml m



#10 gamma-Chlordane

R.T.: 5.121 min
Delta R.T.: 0.000 min
Response: 259449623
Conc: 49.39 ng/ml



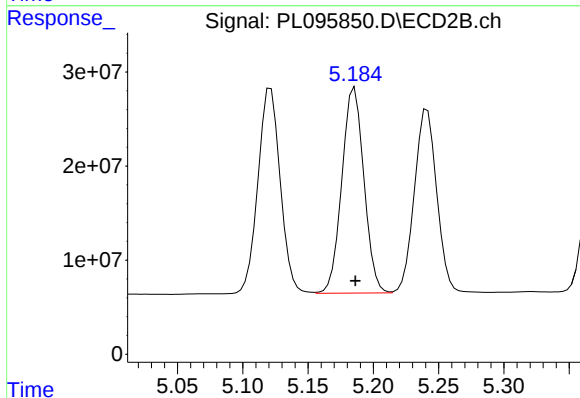
#11 alpha-Chlordane

R.T.: 6.055 min
Delta R.T.: -0.003 min
Response: 183728624
Conc: 46.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-51MSD

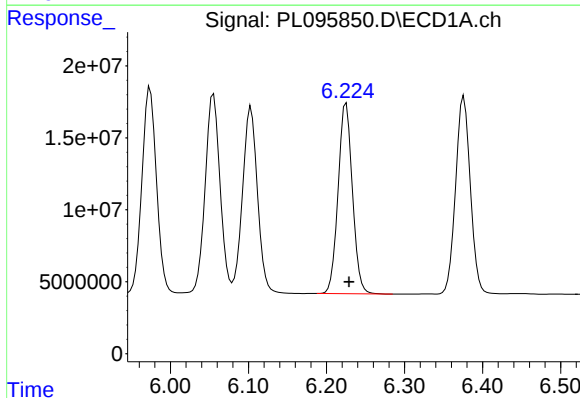
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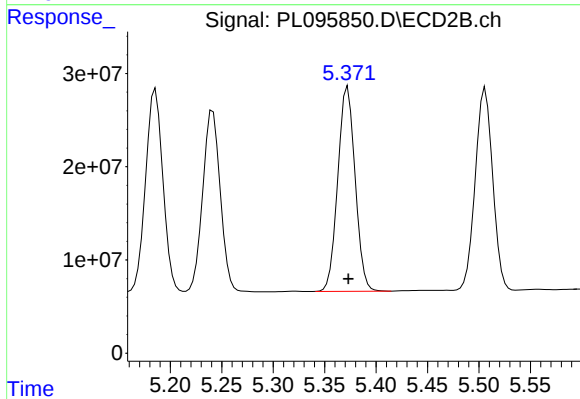
#11 alpha-Chlordane

R.T.: 5.186 min
Delta R.T.: 0.000 min
Response: 257138848
Conc: 49.42 ng/ml



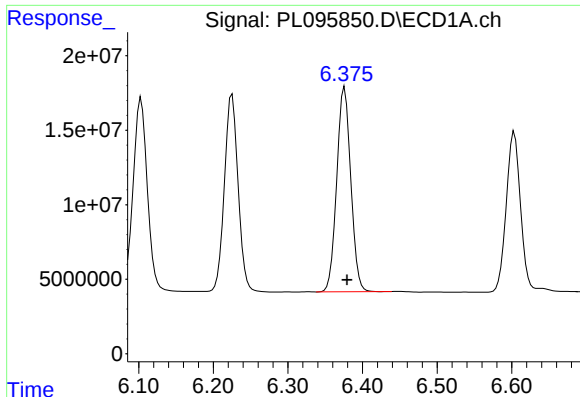
#12 4,4'-DDE

R.T.: 6.225 min
Delta R.T.: -0.004 min
Response: 168675582
Conc: 45.99 ng/ml



#12 4,4'-DDE

R.T.: 5.372 min
Delta R.T.: 0.000 min
Response: 257378542
Conc: 48.00 ng/ml



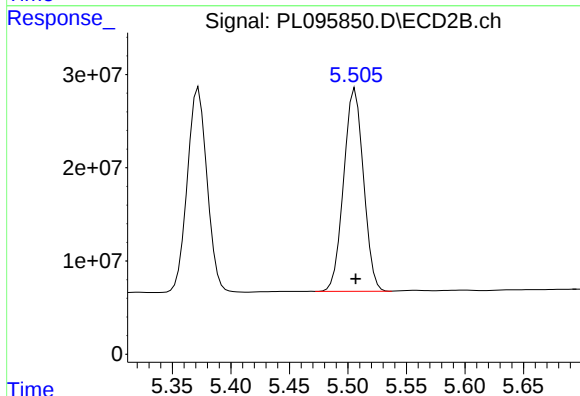
#13 Dieldrin

R.T.: 6.376 min
Delta R.T.: -0.003 min
Response: 179818378
Conc: 46.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-51MSD

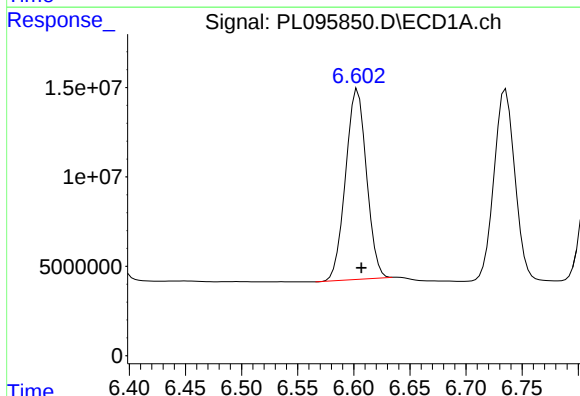
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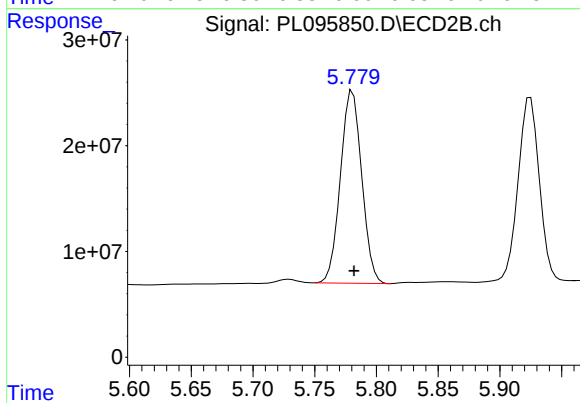
#13 Dieldrin

R.T.: 5.506 min
Delta R.T.: 0.000 min
Response: 256215521
Conc: 48.34 ng/ml



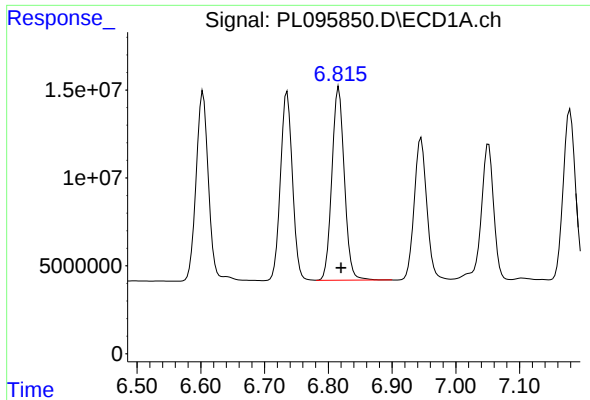
#14 Endrin

R.T.: 6.603 min
Delta R.T.: -0.003 min
Response: 138186571
Conc: 42.83 ng/ml



#14 Endrin

R.T.: 5.781 min
Delta R.T.: -0.001 min
Response: 219121118
Conc: 44.94 ng/ml



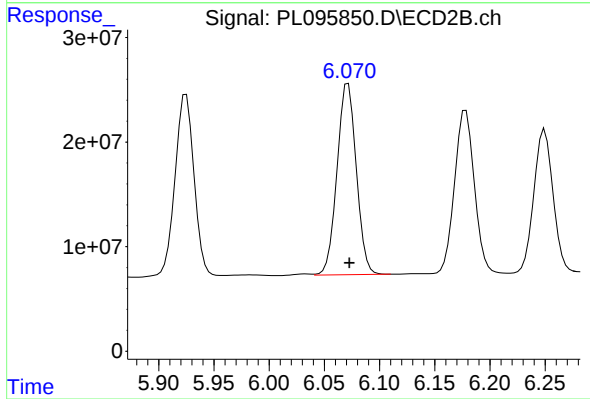
#15 Endosulfan II

R.T.: 6.816 min
Delta R.T.: -0.003 min
Response: 149331180
Conc: 43.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-51MSD

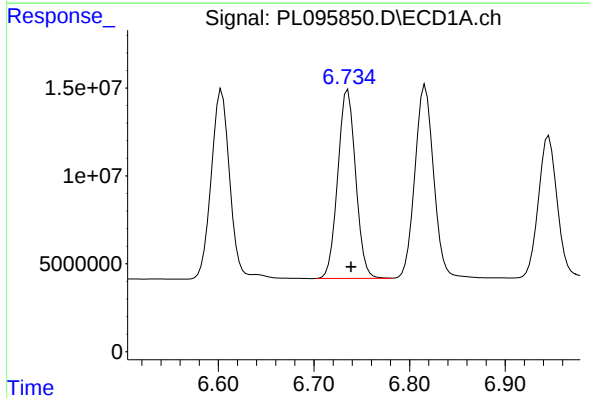
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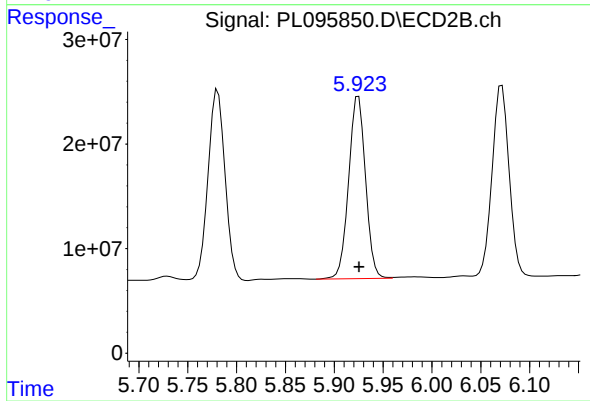
#15 Endosulfan II

R.T.: 6.072 min
Delta R.T.: 0.000 min
Response: 222257123
Conc: 46.77 ng/ml



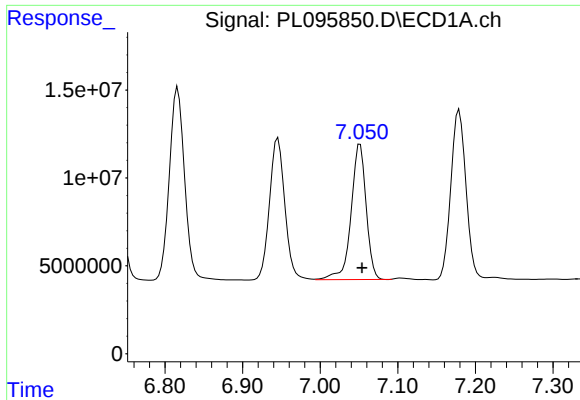
#16 4,4'-DDD

R.T.: 6.735 min
Delta R.T.: -0.003 min
Response: 139506921
Conc: 47.60 ng/ml



#16 4,4'-DDD

R.T.: 5.925 min
Delta R.T.: 0.000 min
Response: 209720598
Conc: 47.83 ng/ml



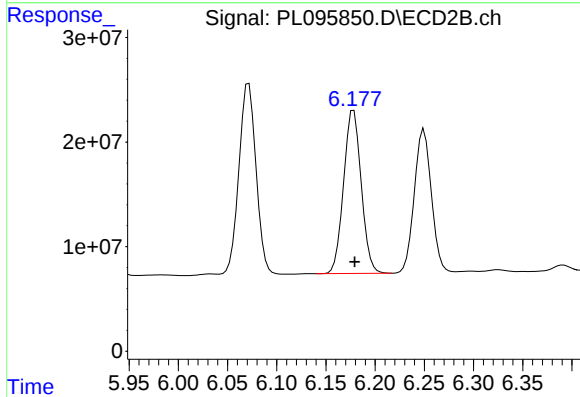
#17 4,4'-DDT

R.T.: 7.051 min
Delta R.T.: -0.003 min
Response: 103770164
Conc: 38.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-51MSD

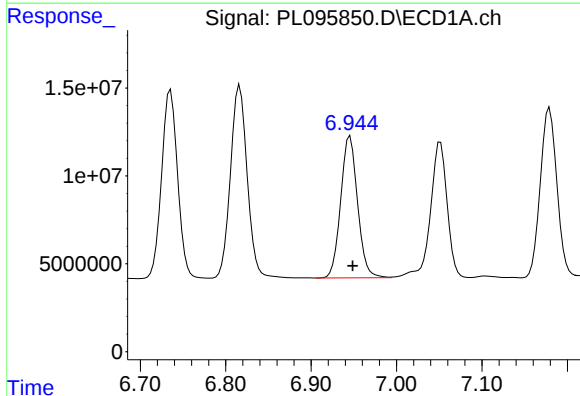
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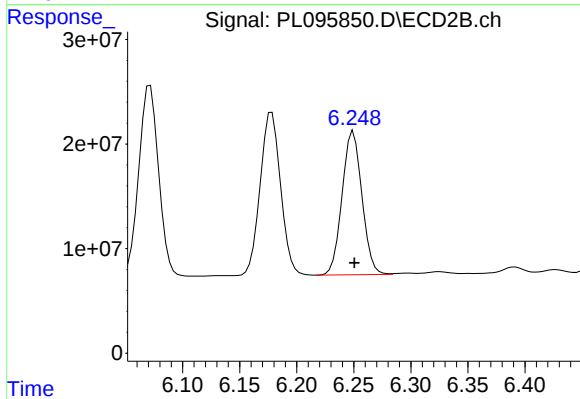
#17 4,4'-DDT

R.T.: 6.178 min
Delta R.T.: -0.001 min
Response: 194503706
Conc: 40.67 ng/ml



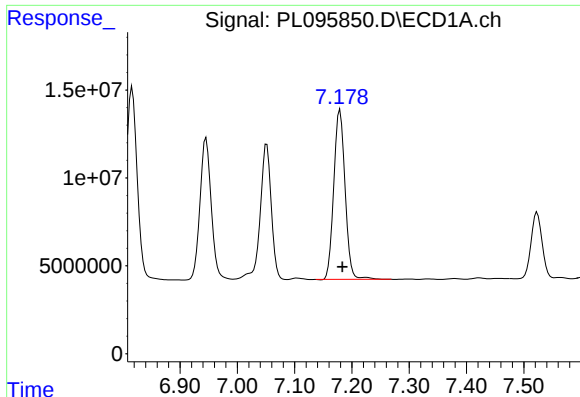
#18 Endrin aldehyde

R.T.: 6.946 min
Delta R.T.: -0.003 min
Response: 110488864
Conc: 45.70 ng/ml



#18 Endrin aldehyde

R.T.: 6.250 min
Delta R.T.: 0.000 min
Response: 166132504
Conc: 48.09 ng/ml



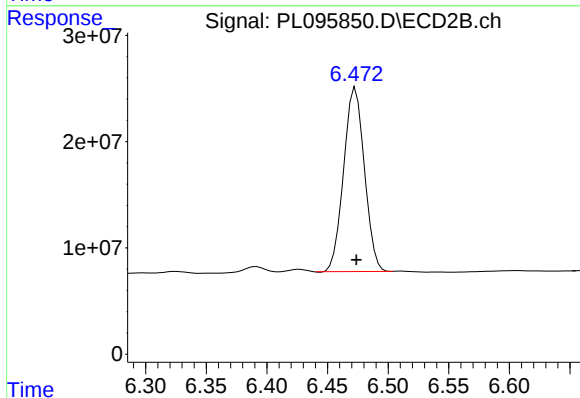
#19 Endosulfan Sulfate

R.T.: 7.179 min
Delta R.T.: -0.004 min
Response: 132120157
Conc: 44.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-51MSD

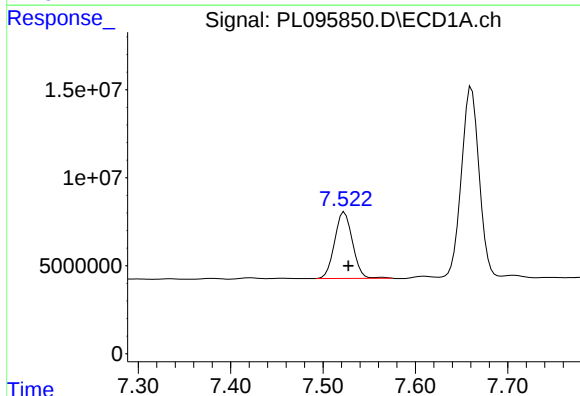
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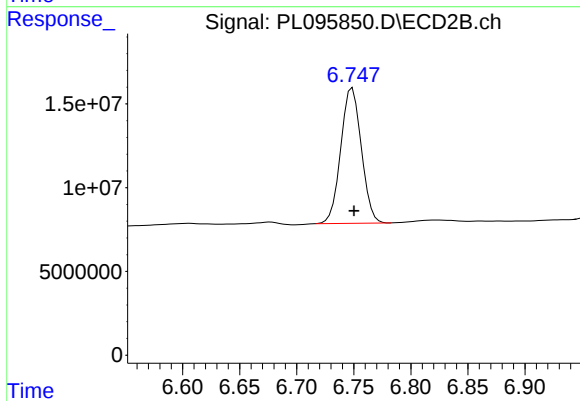
#19 Endosulfan Sulfate

R.T.: 6.473 min
Delta R.T.: 0.000 min
Response: 206310842
Conc: 45.90 ng/ml



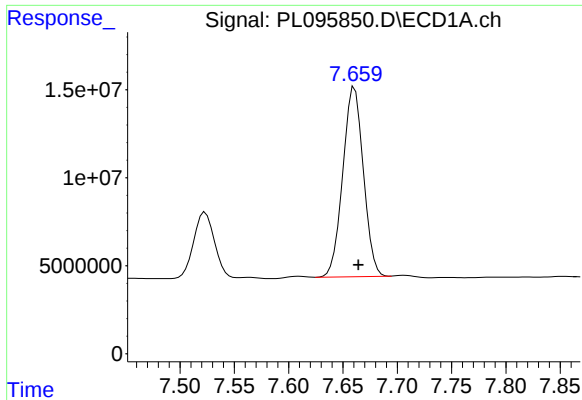
#20 Methoxychlor

R.T.: 7.523 min
Delta R.T.: -0.004 min
Response: 50869306
Conc: 39.89 ng/ml



#20 Methoxychlor

R.T.: 6.749 min
Delta R.T.: -0.001 min
Response: 101392292
Conc: 38.76 ng/ml



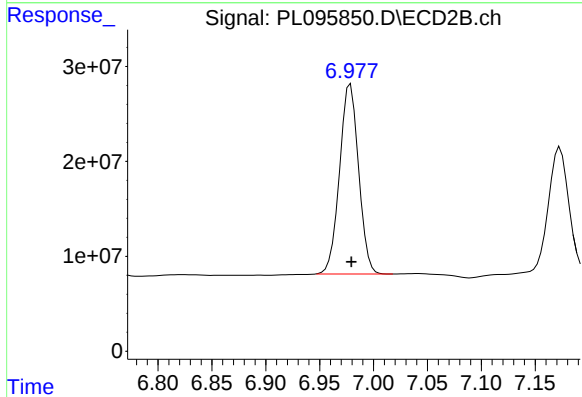
#21 Endrin ketone

R.T.: 7.661 min
Delta R.T.: -0.004 min
Response: 142269026
Conc: 44.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-51MSD

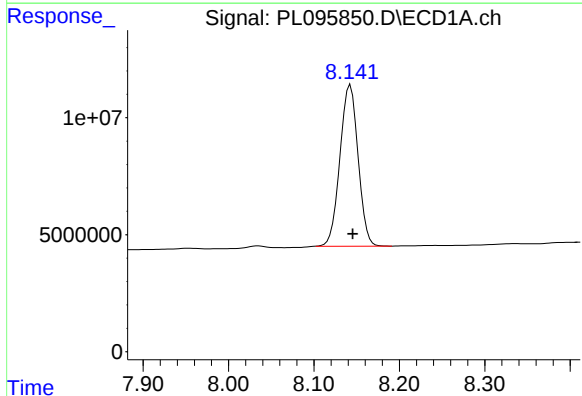
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/02/2025
Supervised By :mohammad ahmed 06/03/2025



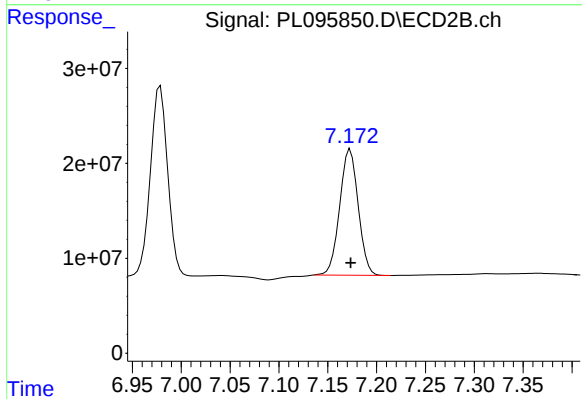
#21 Endrin ketone

R.T.: 6.979 min
Delta R.T.: 0.000 min
Response: 246145193
Conc: 47.57 ng/ml



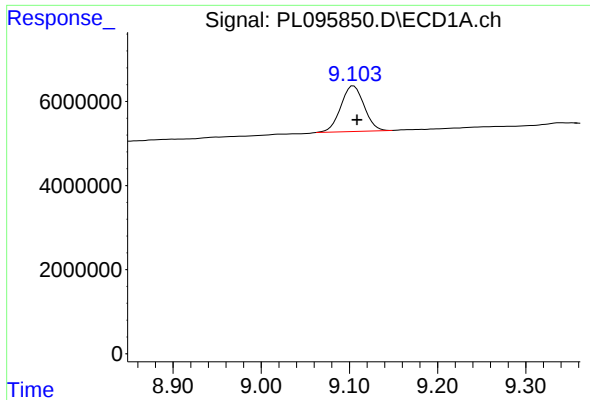
#22 Mirex

R.T.: 8.143 min
Delta R.T.: -0.003 min
Response: 101764425
Conc: 43.98 ng/ml



#22 Mirex

R.T.: 7.173 min
Delta R.T.: 0.000 min
Response: 175567994
Conc: 43.24 ng/ml



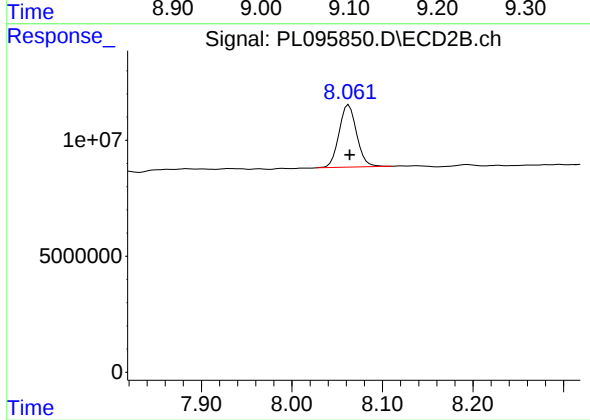
#28 Decachlorobiphenyl

R.T.: 9.105 min
Delta R.T.: -0.004 min
Response: 19993273
Conc: 8.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-51MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/02/2025
Supervised By :mohammad ahmed 06/03/2025



#28 Decachlorobiphenyl

R.T.: 8.063 min
Delta R.T.: 0.000 min
Response: 36343270
Conc: 8.31 ng/ml