

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050725\
 Data File : PL095573.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 May 2025 18:04
 Operator : AR\AJ
 Sample : Q1956-03MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SB2-4-5MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/07/2025
 Supervised By :mohammad ahmed 05/08/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 07 01:43:23 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...	3.593	2.912	60316839	72839996	18.476	22.907
2) SA Decachlor...	9.118	8.091	41029367	48031623	14.808	16.231
Target Compounds						
2) A alpha-BHC	4.044	3.422	242.4E6	290.2E6	48.929	65.234 #
3) MA gamma-BHC...	4.374	3.755	232.0E6	273.8E6	49.013m	62.242 #
4) MA Heptachlor	4.973	4.109	220.6E6	259.4E6	48.221	59.541
5) MB Aldrin	5.316	4.394	233.0E6	255.3E6	50.722	62.042
6) B beta-BHC	4.561	4.049	98596590	120.7E6	47.688	58.144
7) B delta-BHC	4.808	4.285	228.6E6	274.8E6	49.152m	62.716 #
8) B Heptachlo...	5.736	4.897	206.4E6	231.3E6	51.541	59.888
9) A Endosulfan I	6.119	5.271	191.4E6	218.3E6	50.400	59.630
10) B gamma-Chl...	5.990	5.150	212.6E6	245.6E6	52.110	60.609
11) B alpha-Chl...	6.072	5.215	206.3E6	235.9E6	50.730	59.257
12) B 4,4'-DDE	6.240	5.400	195.3E6	231.3E6	49.808	56.881
13) MA Dieldrin	6.393	5.536	190.0E6	241.5E6	49.280	59.367
14) MA Endrin	6.618	5.810	158.9E6	214.2E6	49.881m	58.835m
15) B Endosulfa...	6.831	6.102	152.0E6	203.1E6	47.618m	56.554
16) A 4,4'-DDD	6.750	5.953	152.0E6	194.2E6	53.692	59.459
17) MA 4,4'-DDT	7.065	6.207	138.1E6	193.8E6	48.480	56.402
18) B Endrin al...	6.961	6.279	121.0E6	145.0E6	52.147	55.479
19) B Endosulfa...	7.195	6.502	137.3E6	179.7E6	49.006	54.161m
20) A Methoxychlor	7.536	6.777	65506225	103.5E6	46.953	54.287
21) B Endrin ke...	7.676	7.008	131.8E6	209.0E6	46.223	59.355 #
22) Mirex	8.158	7.203	109.9E6	150.9E6	46.265	52.351m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050725\
Data File : PL095573.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 May 2025 18:04
Operator : AR\AJ
Sample : Q1956-03MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

SB2-4-5MS

Manual Integrations

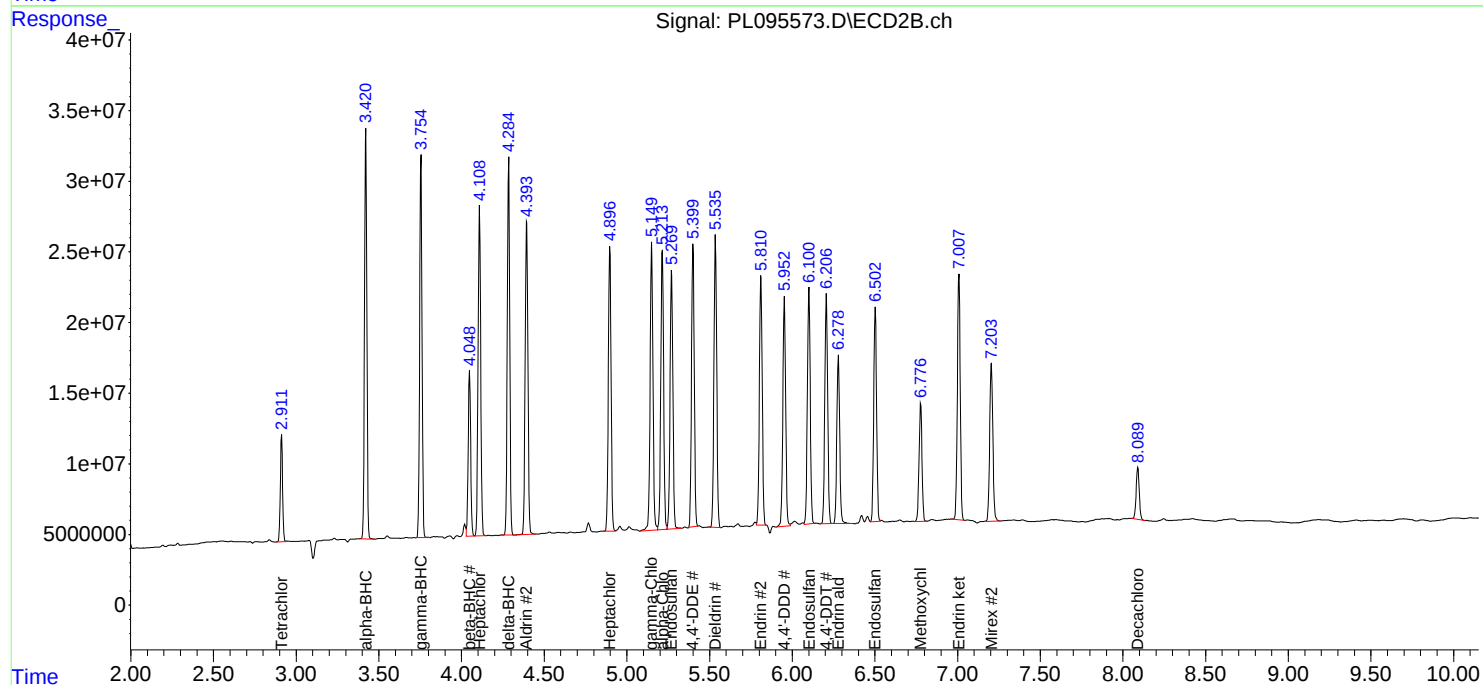
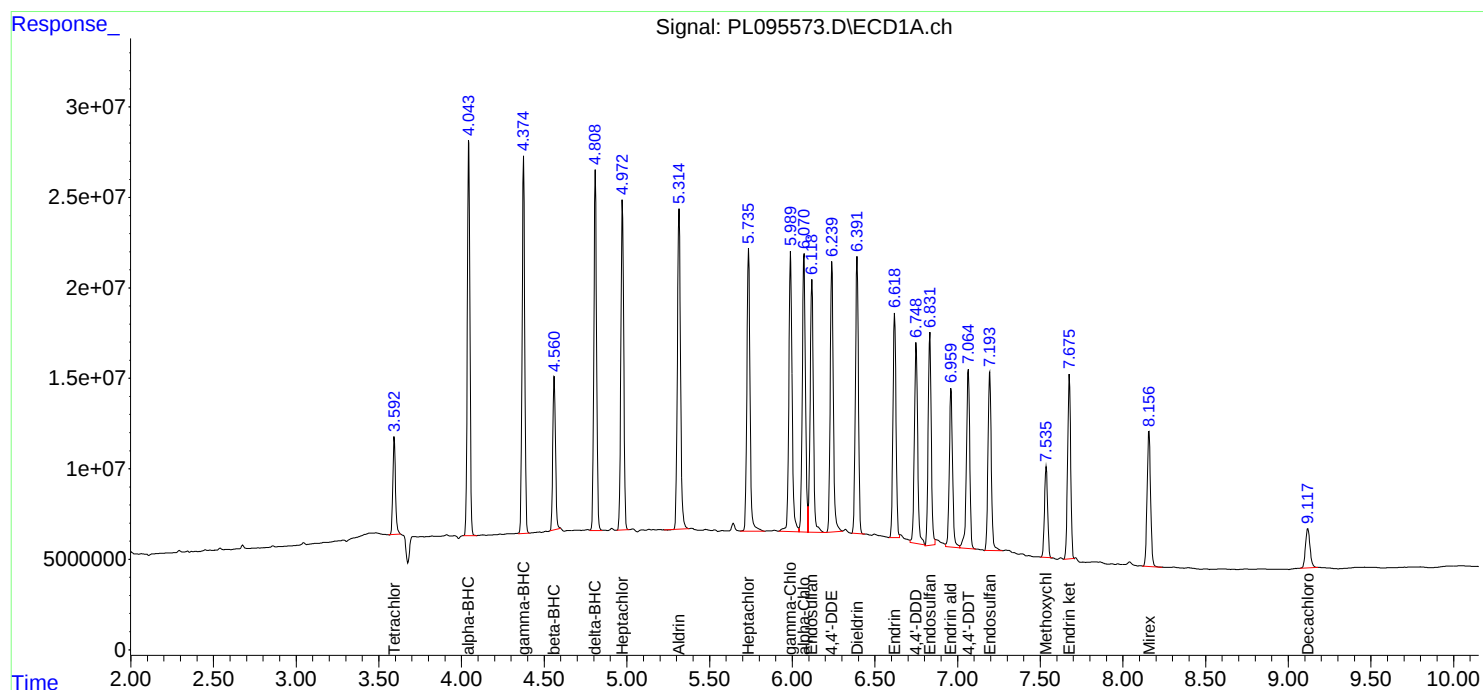
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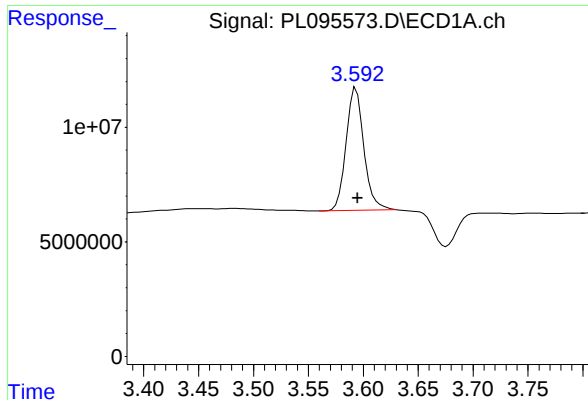
Reviewed By :Yogesh Patel 05/07/2025

Supervised By :mohammad ahmed 05/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 07 01:43:23 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





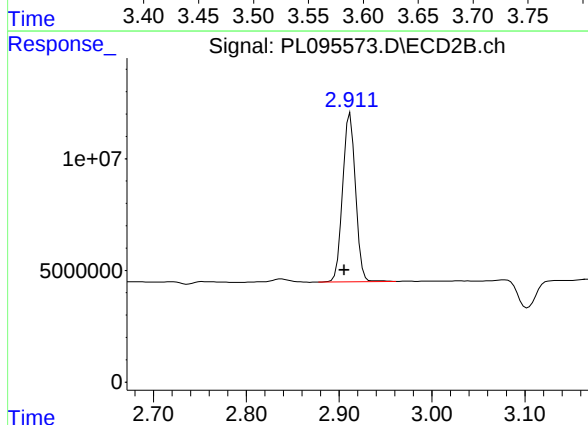
#1 Tetrachloro-m-xylene

R.T.: 3.593 min
Delta R.T.: -0.002 min
Response: 60316839
Conc: 18.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB2-4-5MS

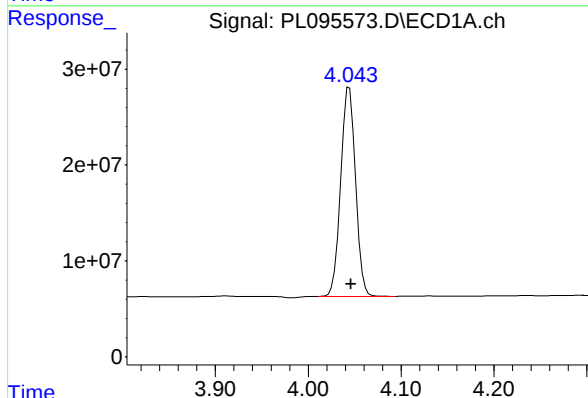
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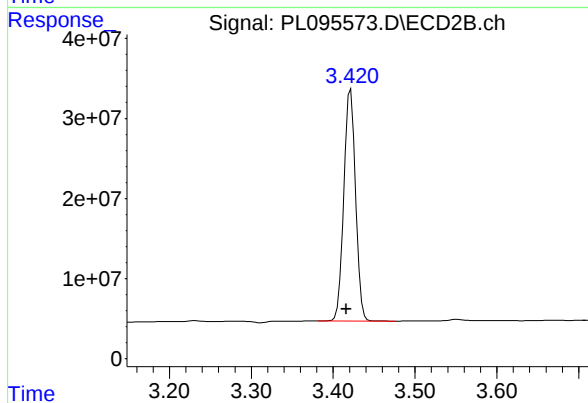
#1 Tetrachloro-m-xylene

R.T.: 2.912 min
Delta R.T.: 0.006 min
Response: 72839996
Conc: 22.91 ng/ml



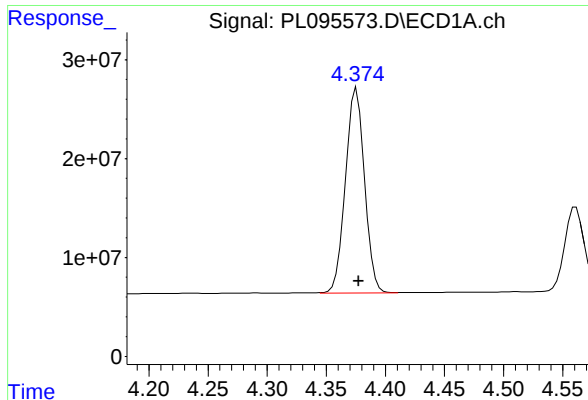
#2 alpha-BHC

R.T.: 4.044 min
Delta R.T.: -0.002 min
Response: 242383871
Conc: 48.93 ng/ml



#2 alpha-BHC

R.T.: 3.422 min
Delta R.T.: 0.005 min
Response: 290206927
Conc: 65.23 ng/ml



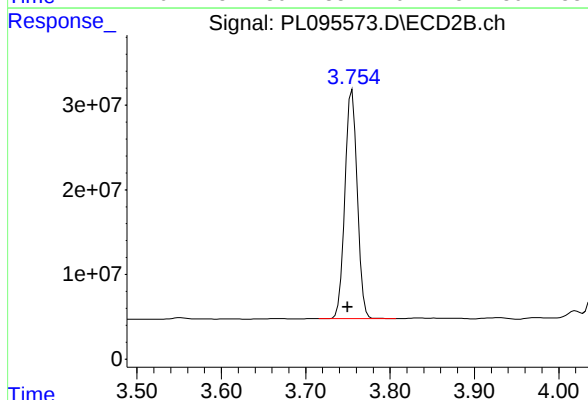
#3 gamma-BHC (Lindane)

R.T.: 4.374 min
Delta R.T.: -0.003 min
Response: 232026151
Conc: 49.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB2-4-5MS

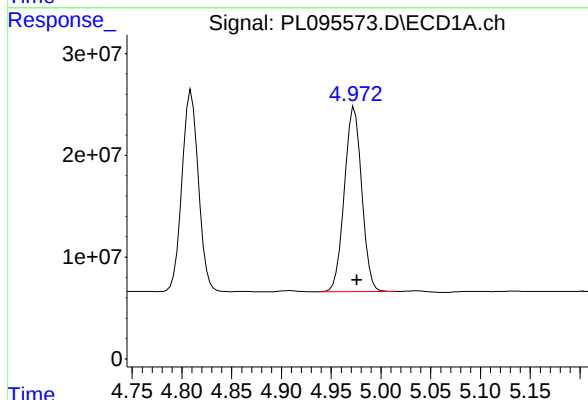
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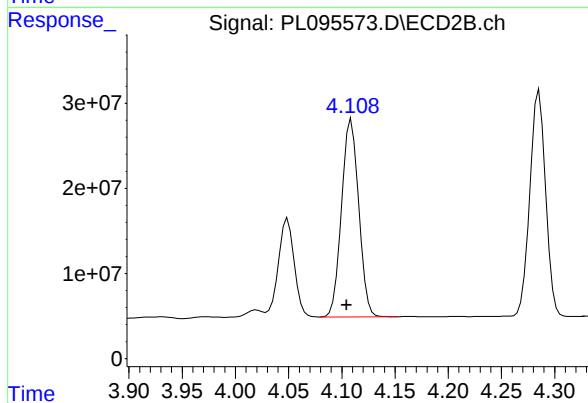
#3 gamma-BHC (Lindane)

R.T.: 3.755 min
Delta R.T.: 0.005 min
Response: 273755801
Conc: 62.24 ng/ml



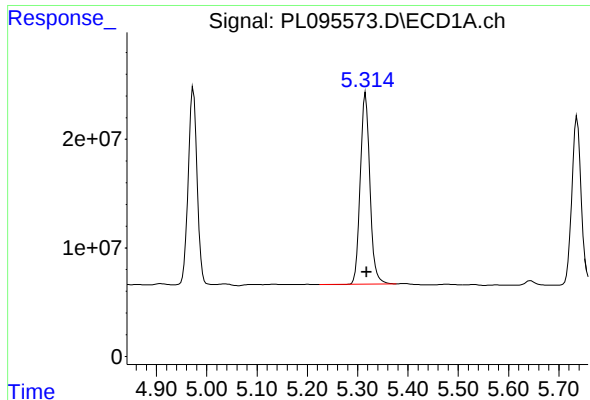
#4 Heptachlor

R.T.: 4.973 min
Delta R.T.: -0.003 min
Response: 220584411
Conc: 48.22 ng/ml



#4 Heptachlor

R.T.: 4.109 min
Delta R.T.: 0.005 min
Response: 259401109
Conc: 59.54 ng/ml



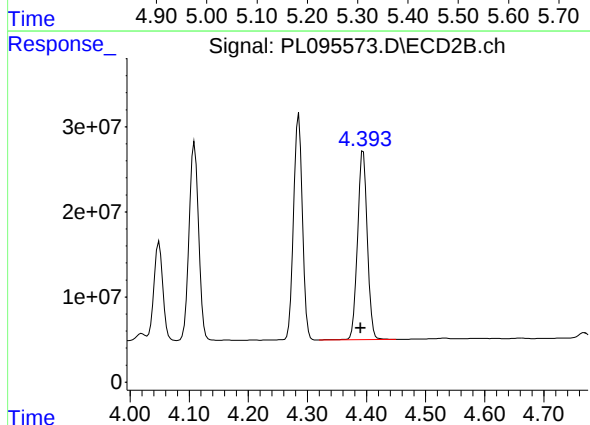
#5 Aldrin

R.T.: 5.316 min
Delta R.T.: -0.002 min
Response: 232968097
Conc: 50.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB2-4-5MS

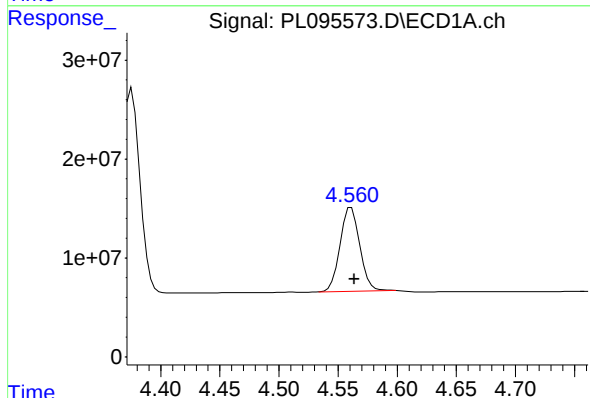
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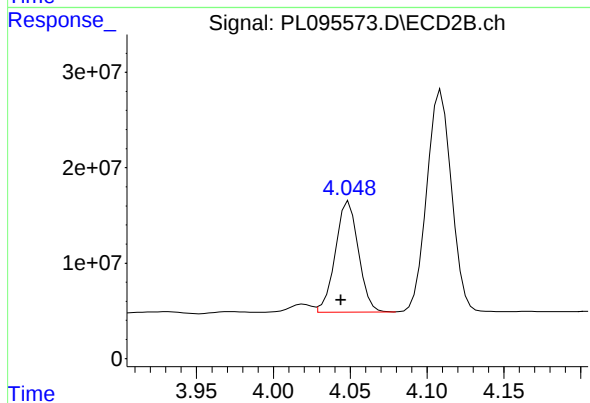
#5 Aldrin

R.T.: 4.394 min
Delta R.T.: 0.004 min
Response: 255343935
Conc: 62.04 ng/ml



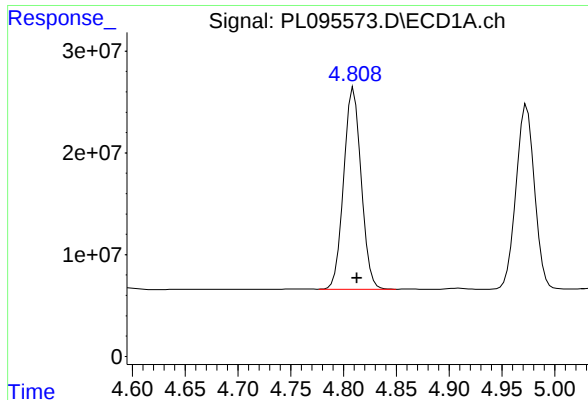
#6 beta-BHC

R.T.: 4.561 min
Delta R.T.: -0.002 min
Response: 98596590
Conc: 47.69 ng/ml



#6 beta-BHC

R.T.: 4.049 min
Delta R.T.: 0.005 min
Response: 120698896
Conc: 58.14 ng/ml



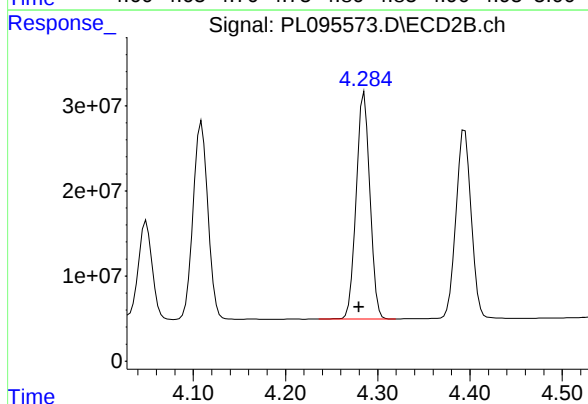
#7 delta-BHC

R.T.: 4.808 min
Delta R.T.: -0.004 min
Response: 228588854
Conc: 49.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB2-4-5MS

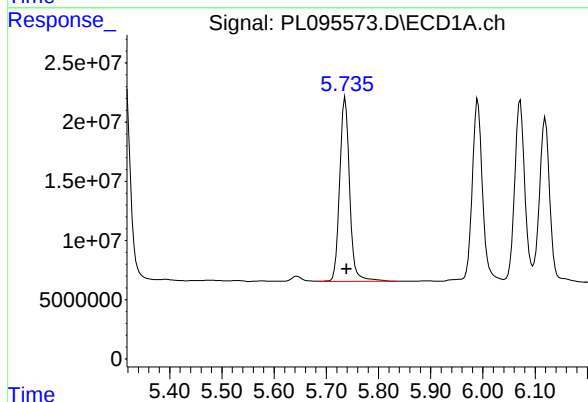
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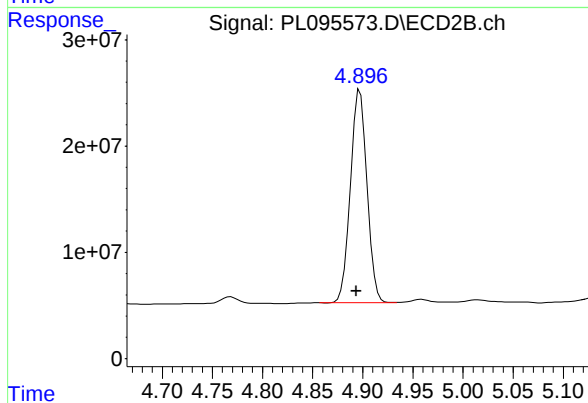
#7 delta-BHC

R.T.: 4.285 min
Delta R.T.: 0.006 min
Response: 274820487
Conc: 62.72 ng/ml



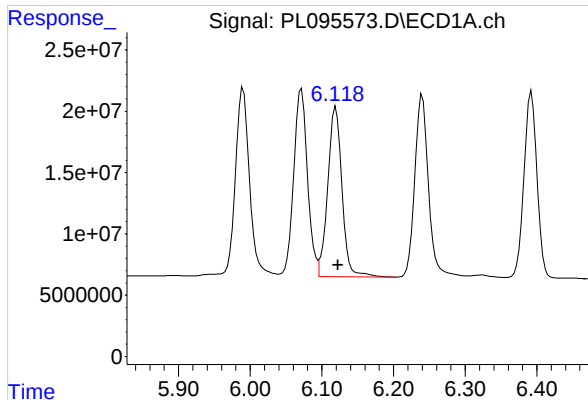
#8 Heptachlor epoxide

R.T.: 5.736 min
Delta R.T.: -0.003 min
Response: 206427935
Conc: 51.54 ng/ml



#8 Heptachlor epoxide

R.T.: 4.897 min
Delta R.T.: 0.004 min
Response: 231328609
Conc: 59.89 ng/ml



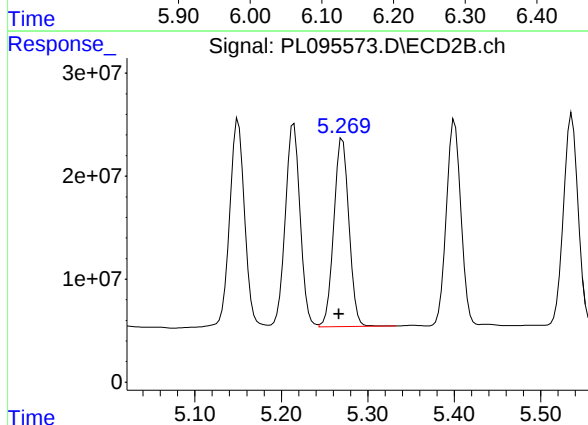
#9 Endosulfan I

R.T.: 6.119 min
Delta R.T.: -0.003 min
Response: 191393040
Conc: 50.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB2-4-5MS

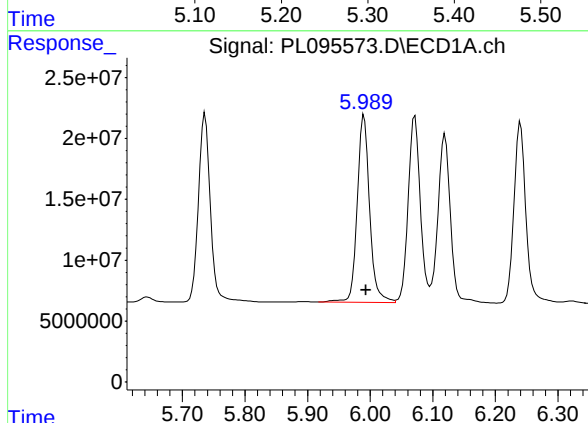
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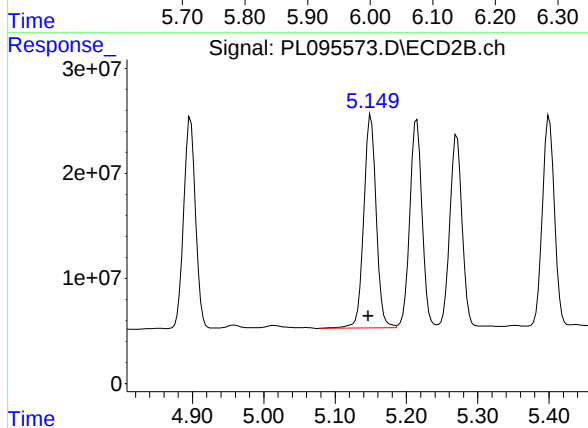
#9 Endosulfan I

R.T.: 5.271 min
Delta R.T.: 0.004 min
Response: 218271877
Conc: 59.63 ng/ml



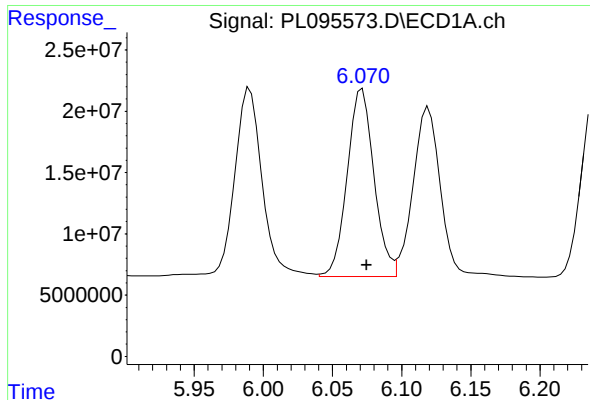
#10 gamma-Chlordane

R.T.: 5.990 min
Delta R.T.: -0.003 min
Response: 212576589
Conc: 52.11 ng/ml



#10 gamma-Chlordane

R.T.: 5.150 min
Delta R.T.: 0.004 min
Response: 245627626
Conc: 60.61 ng/ml



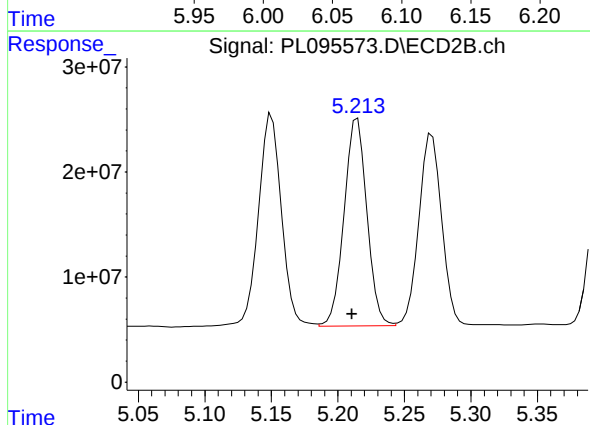
#11 alpha-Chlordane

R.T.: 6.072 min
Delta R.T.: -0.003 min
Response: 206271587
Conc: 50.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB2-4-5MS

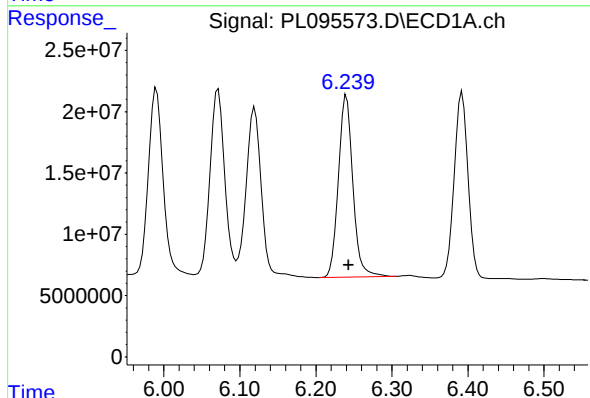
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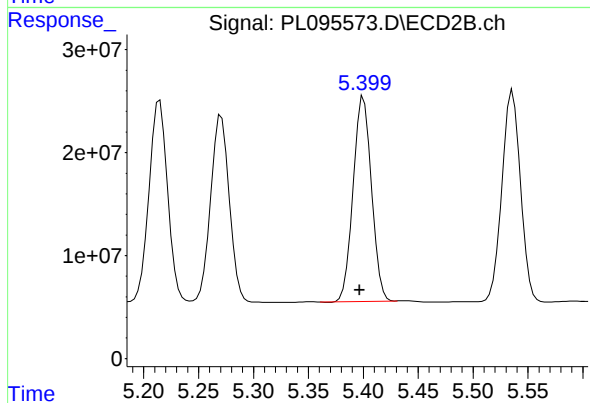
#11 alpha-Chlordane

R.T.: 5.215 min
Delta R.T.: 0.004 min
Response: 235904693
Conc: 59.26 ng/ml



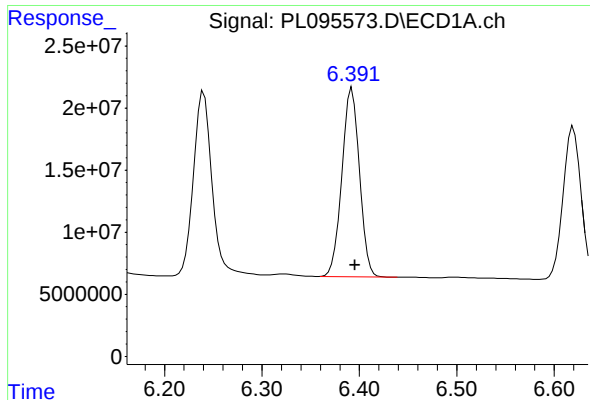
#12 4,4'-DDE

R.T.: 6.240 min
Delta R.T.: -0.003 min
Response: 195273687
Conc: 49.81 ng/ml



#12 4,4'-DDE

R.T.: 5.400 min
Delta R.T.: 0.003 min
Response: 231332661
Conc: 56.88 ng/ml



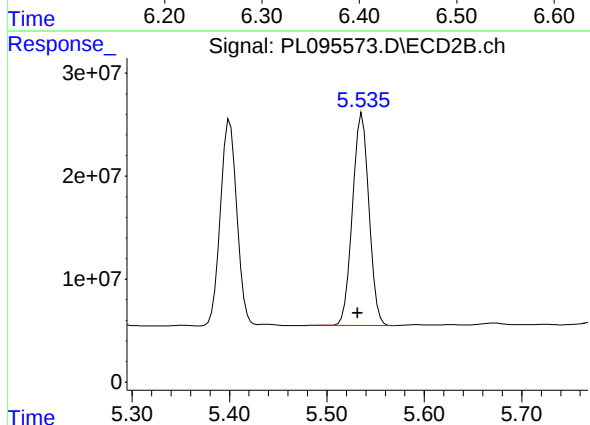
#13 Dieldrin

R.T.: 6.393 min
Delta R.T.: -0.003 min
Response: 189963666
Conc: 49.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB2-4-5MS

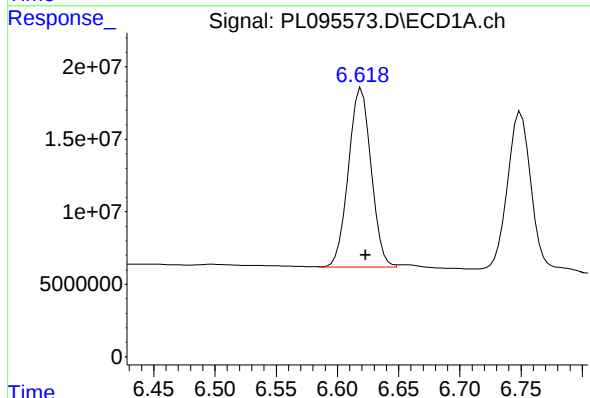
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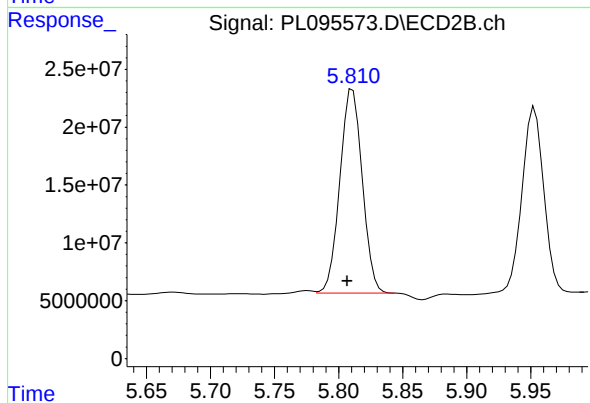
#13 Dieldrin

R.T.: 5.536 min
Delta R.T.: 0.004 min
Response: 241451796
Conc: 59.37 ng/ml



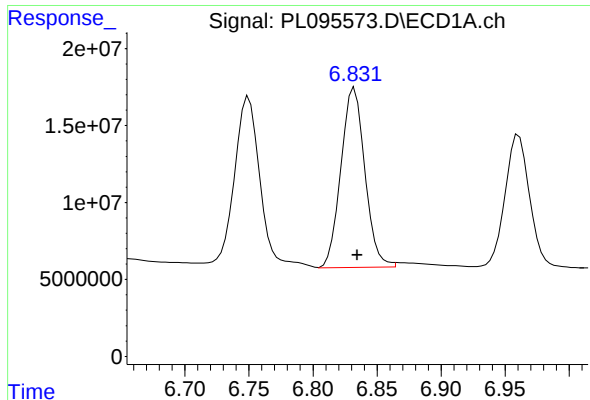
#14 Endrin

R.T.: 6.618 min
Delta R.T.: -0.005 min
Response: 158859705
Conc: 49.88 ng/ml m



#14 Endrin

R.T.: 5.810 min
Delta R.T.: 0.003 min
Response: 214200697
Conc: 58.83 ng/ml m



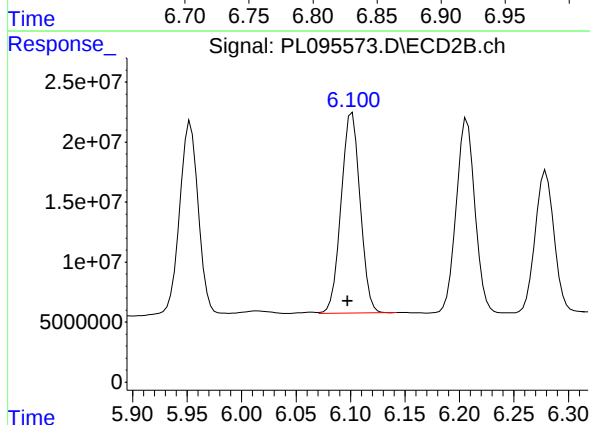
#15 Endosulfan II

R.T.: 6.831 min
Delta R.T.: -0.004 min
Response: 152004148
Conc: 47.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB2-4-5MS

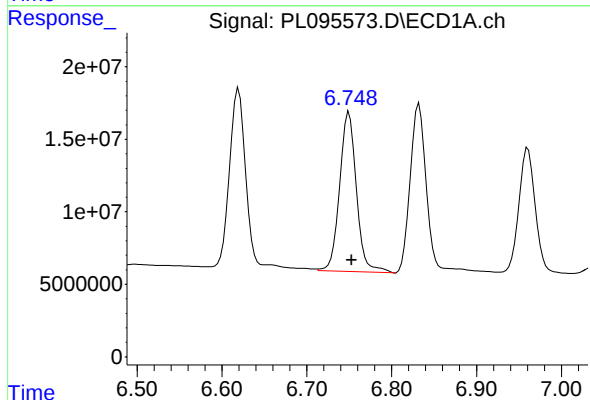
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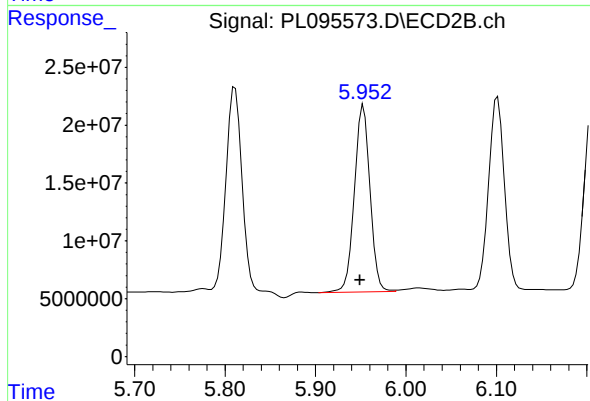
#15 Endosulfan II

R.T.: 6.102 min
Delta R.T.: 0.004 min
Response: 203091898
Conc: 56.55 ng/ml



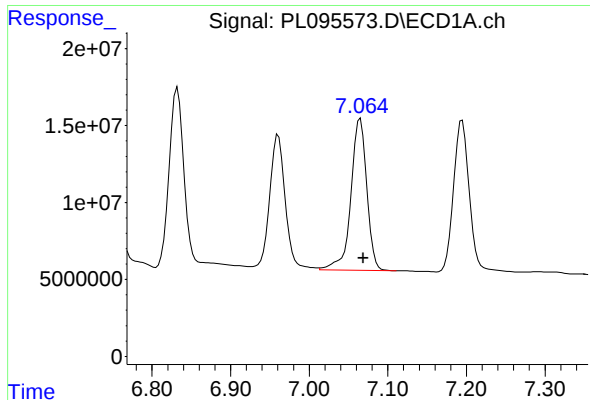
#16 4,4'-DDD

R.T.: 6.750 min
Delta R.T.: -0.003 min
Response: 151999403
Conc: 53.69 ng/ml



#16 4,4'-DDD

R.T.: 5.953 min
Delta R.T.: 0.004 min
Response: 194241089
Conc: 59.46 ng/ml



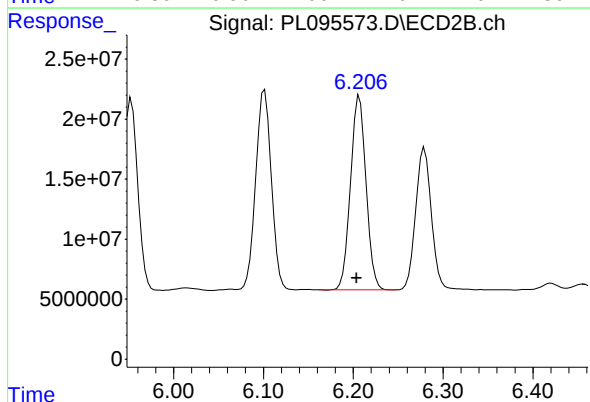
#17 4,4'-DDT

R.T.: 7.065 min
Delta R.T.: -0.004 min
Response: 138099494
Conc: 48.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB2-4-5MS

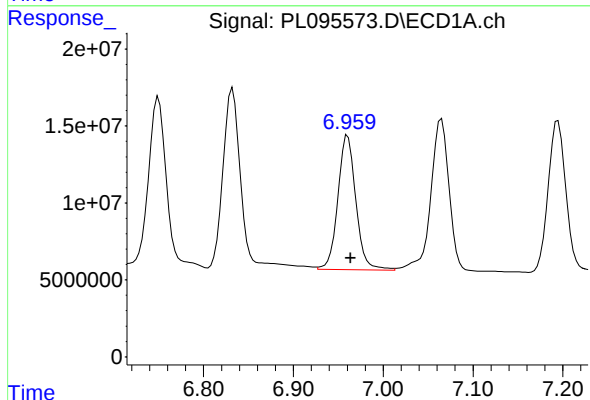
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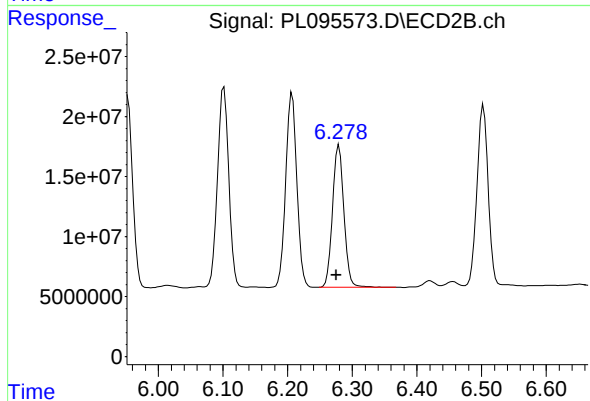
#17 4,4'-DDT

R.T.: 6.207 min
Delta R.T.: 0.003 min
Response: 193805752
Conc: 56.40 ng/ml



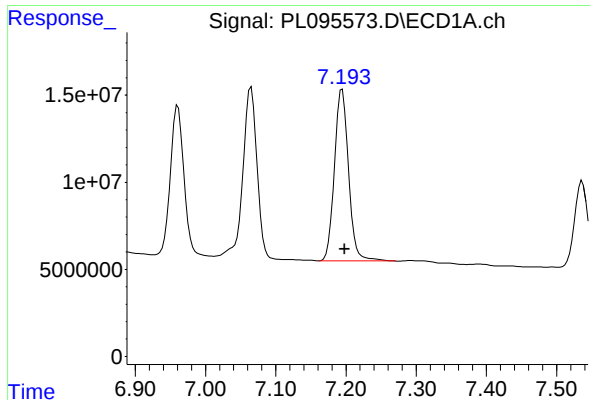
#18 Endrin aldehyde

R.T.: 6.961 min
Delta R.T.: -0.003 min
Response: 121022595
Conc: 52.15 ng/ml



#18 Endrin aldehyde

R.T.: 6.279 min
Delta R.T.: 0.004 min
Response: 144974313
Conc: 55.48 ng/ml



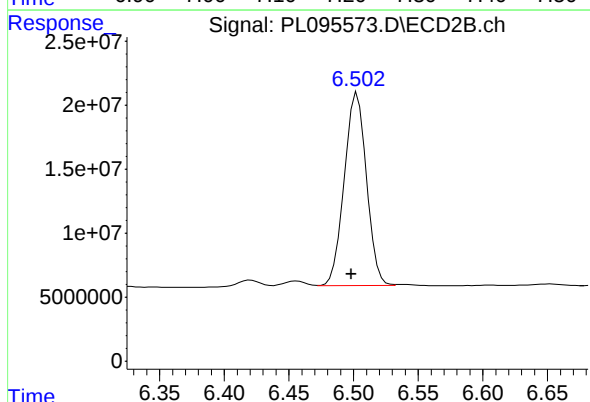
#19 Endosulfan Sulfate

R.T.: 7.195 min
Delta R.T.: -0.003 min
Response: 137303942
Conc: 49.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB2-4-5MS

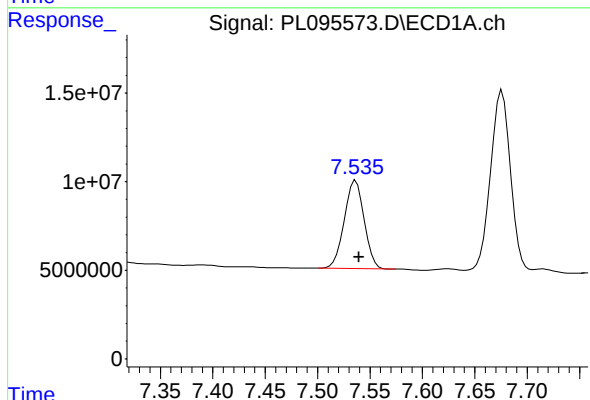
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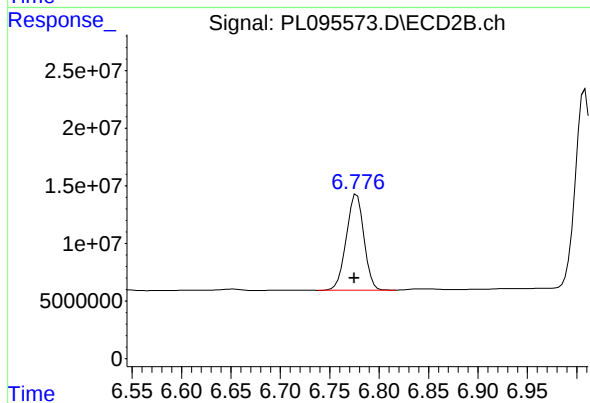
#19 Endosulfan Sulfate

R.T.: 6.502 min
Delta R.T.: 0.003 min
Response: 179701358
Conc: 54.16 ng/ml m



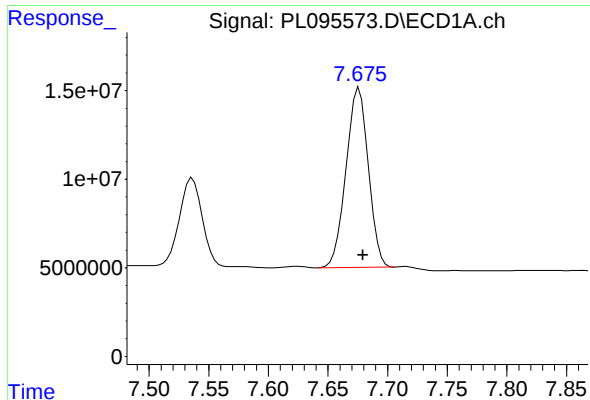
#20 Methoxychlor

R.T.: 7.536 min
Delta R.T.: -0.003 min
Response: 65506225
Conc: 46.95 ng/ml



#20 Methoxychlor

R.T.: 6.777 min
Delta R.T.: 0.003 min
Response: 103548093
Conc: 54.29 ng/ml



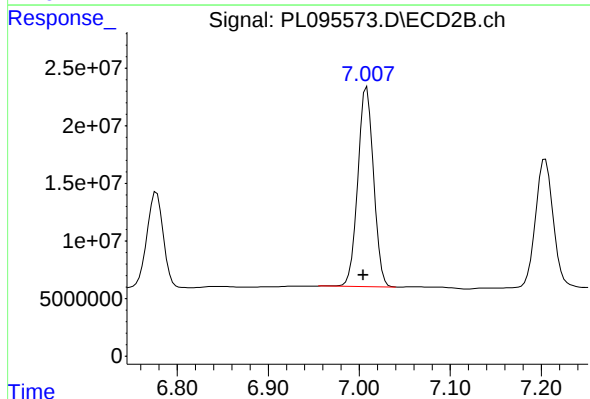
#21 Endrin ketone

R.T.: 7.676 min
Delta R.T.: -0.003 min
Response: 131776152
Conc: 46.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB2-4-5MS

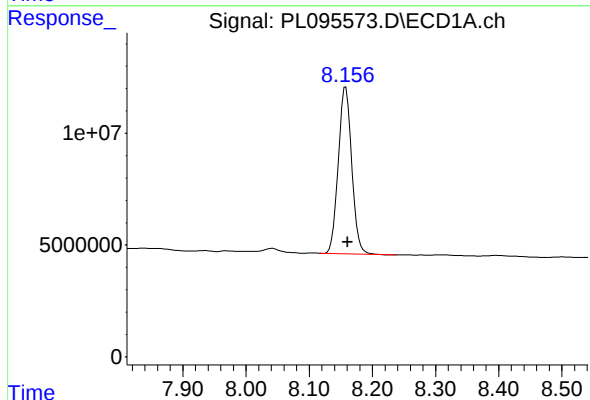
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/07/2025
Supervised By :mohammad ahmed 05/08/2025



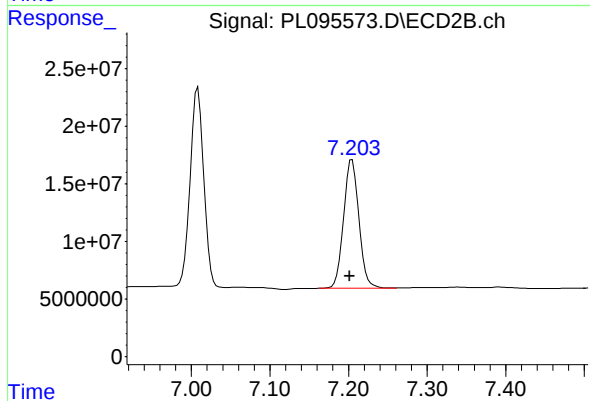
#21 Endrin ketone

R.T.: 7.008 min
Delta R.T.: 0.004 min
Response: 209006659
Conc: 59.36 ng/ml



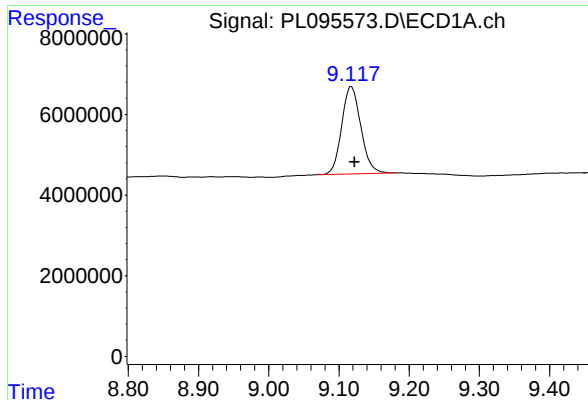
#22 Mirex

R.T.: 8.158 min
Delta R.T.: -0.003 min
Response: 109927651
Conc: 46.27 ng/ml



#22 Mirex

R.T.: 7.203 min
Delta R.T.: 0.002 min
Response: 150897543
Conc: 52.35 ng/ml m



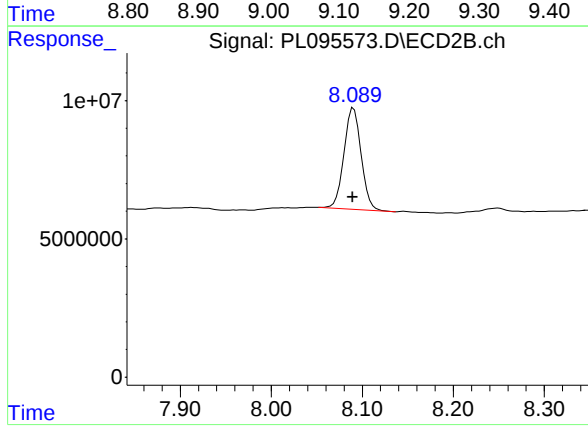
#28 Decachlorobiphenyl

R.T.: 9.118 min
Delta R.T.: -0.004 min
Response: 41029367
Conc: 14.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB2-4-5MS

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/07/2025
Supervised By :mohammad ahmed 05/08/2025



#28 Decachlorobiphenyl

R.T.: 8.091 min
Delta R.T.: 0.001 min
Response: 48031623
Conc: 16.23 ng/ml