

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022825\
 Data File : PL094448.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Feb 2025 10:48
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/03/2025
 Supervised By :mohammad ahmed 03/07/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 28 11:01:58 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022125.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 21 14:52:19 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...	3.538	2.772	134.5E6	173.0E6	52.963	54.197
28)	SA Decachlor...	9.054	7.906	102.6E6	186.9E6	48.254	48.588
Target Compounds							
2)	A alpha-BHC	3.994	3.274	197.2E6	264.7E6	52.122	53.859
3)	MA gamma-BHC...	4.326	3.604	190.4E6	254.9E6	51.522	54.115
4)	MA Heptachlor	4.914	3.942	173.8E6	247.0E6	51.255	52.332
5)	MB Aldrin	5.256	4.221	176.5E6	245.8E6	51.444	53.204
6)	B beta-BHC	4.525	3.904	81232902	106.4E6	50.869	53.520
7)	B delta-BHC	4.772	4.132	184.1E6	255.8E6	52.040	54.015
8)	B Heptachlo...	5.682	4.723	158.8E6	223.5E6	52.696	52.514
9)	A Endosulfan I	6.068	5.093	139.5E6	177.3E6	50.749	44.474
10)	B gamma-Chl...	5.939	4.973	149.1E6	226.8E6	50.789	52.275
11)	B alpha-Chl...	6.018	5.037	148.0E6	223.7E6	51.087	51.802
12)	B 4,4'-DDE	6.191	5.224	139.4E6	222.0E6	53.380	52.847m
13)	MA Dieldrin	6.343	5.357	145.6E6	232.5E6	51.112	53.068
14)	MA Endrin	6.571	5.632	117.4E6	196.7E6	45.998m	57.781m#
15)	B Endosulfa...	6.793	5.928	122.7E6	200.9E6	48.748	53.723
16)	A 4,4'-DDD	6.707	5.781	108.0E6	186.6E6	58.393m	58.591
17)	MA 4,4'-DDT	7.022	6.031	106.5E6	182.9E6	50.733	51.424
18)	B Endrin al...	6.923	6.107	100.1E6	164.6E6	51.430	52.069
19)	B Endosulfa...	7.158	6.330	112.6E6	193.4E6	49.746	52.368
20)	A Methoxychlor	7.499	6.606	56140362	98710885	50.529	50.594
21)	B Endrin ke...	7.643	6.835	126.4E6	232.8E6	50.412	54.543
22)	Mirex	8.115	7.015	98697061	182.1E6	47.835	52.230

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022825\
Data File : PL094448.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2025 10:48
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

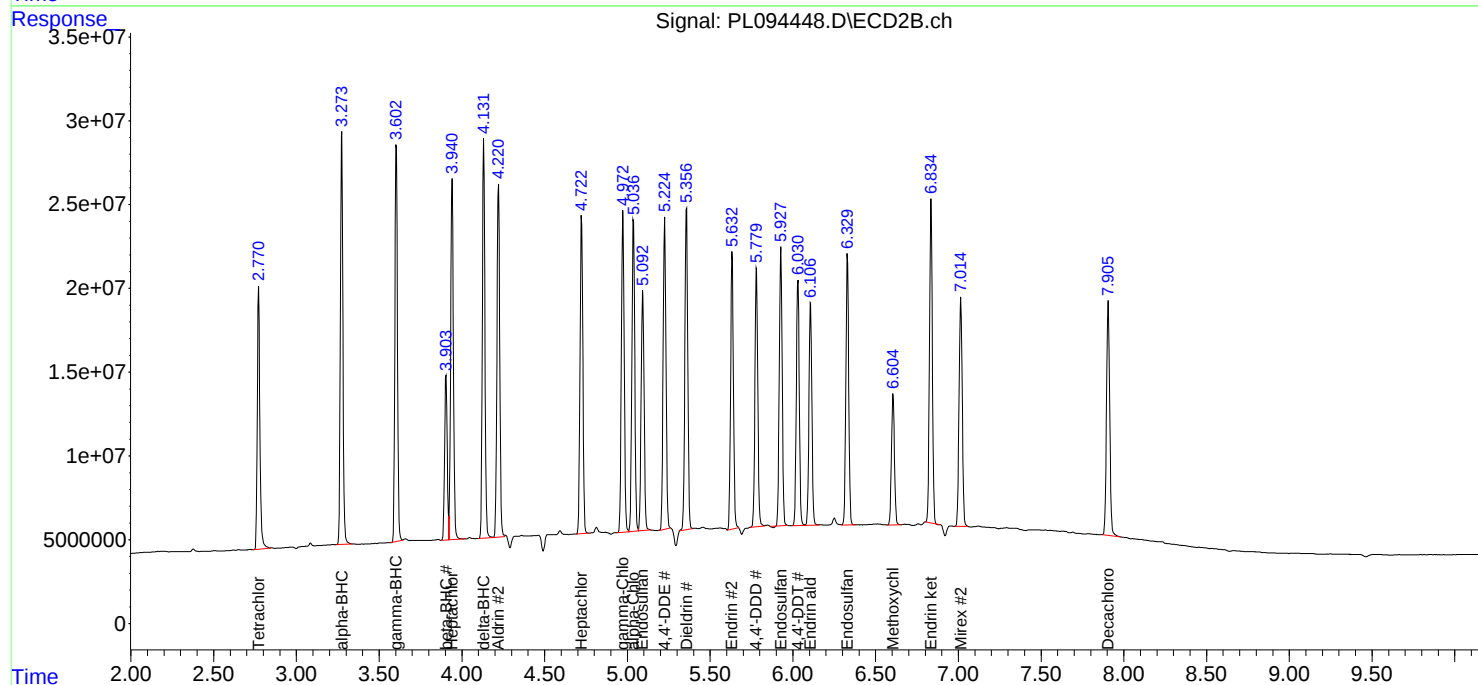
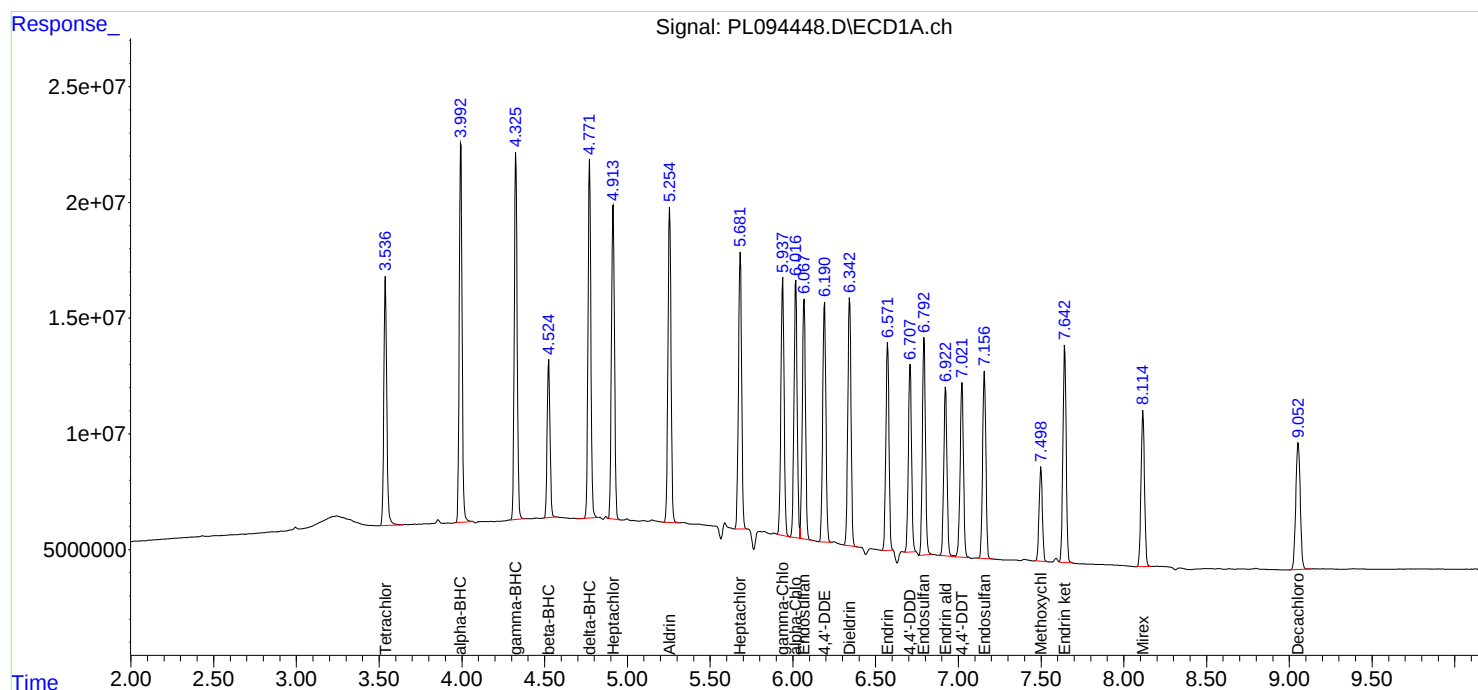
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

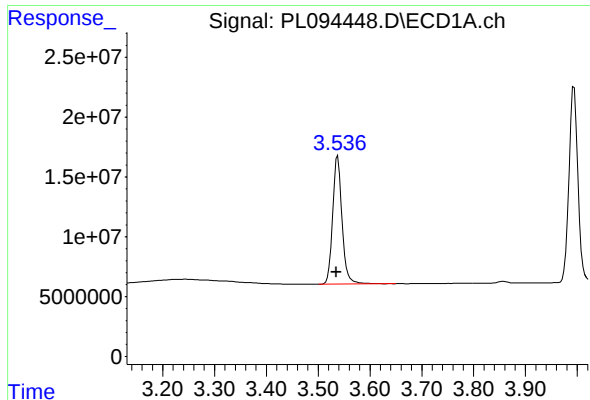
Manual Integrations
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Supervised By :mohammad ahmed 03/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 28 11:01:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022125.M
Quant Title : GC Extractables
QLast Update : Fri Feb 21 14:52:19 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





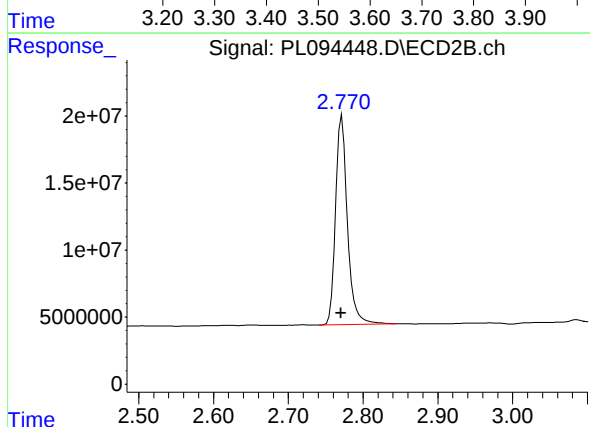
#1 Tetrachloro-m-xylene

R.T.: 3.538 min
Delta R.T.: 0.003 min
Response: 134478516
Conc: 52.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

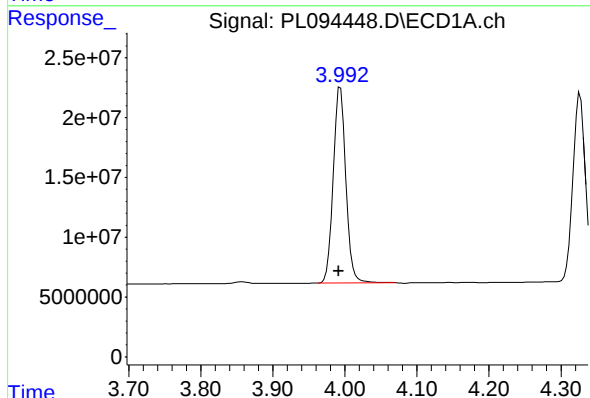
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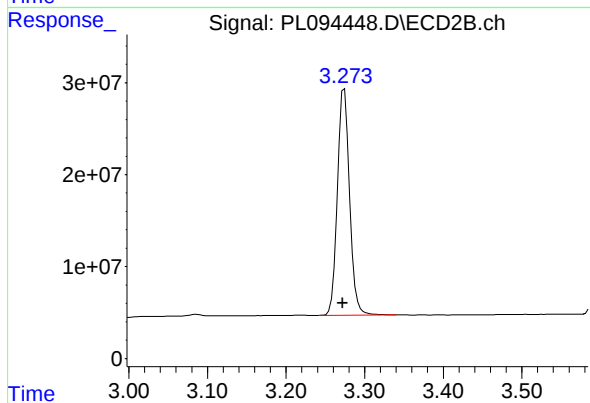
#1 Tetrachloro-m-xylene

R.T.: 2.772 min
Delta R.T.: 0.002 min
Response: 172953125
Conc: 54.20 ng/ml



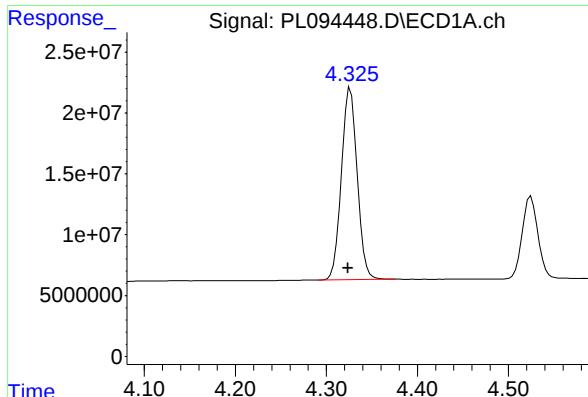
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: 0.002 min
Response: 197161137
Conc: 52.12 ng/ml



#2 alpha-BHC

R.T.: 3.274 min
Delta R.T.: 0.002 min
Response: 264703190
Conc: 53.86 ng/ml



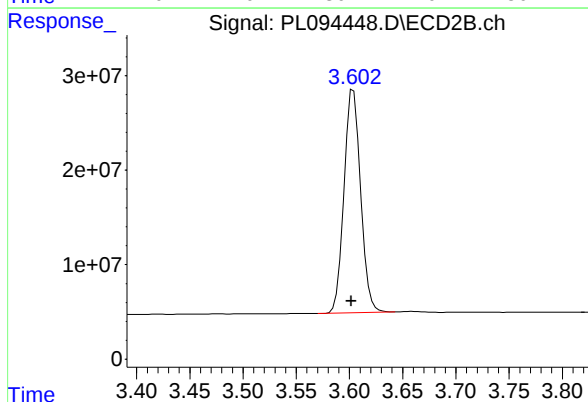
#3 gamma-BHC (Lindane)

R.T.: 4.326 min
Delta R.T.: 0.003 min
Response: 190361230
Conc: 51.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

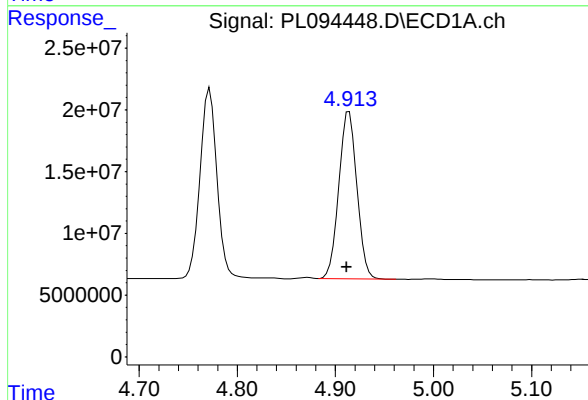
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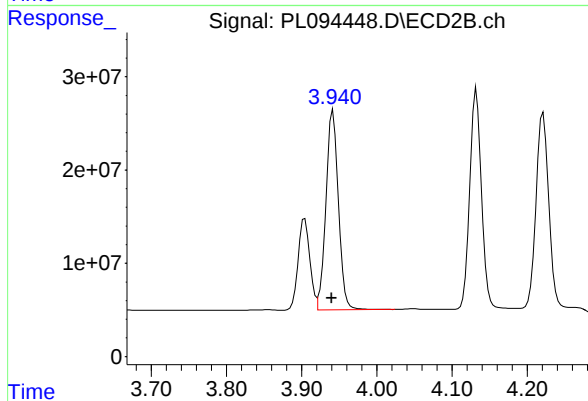
#3 gamma-BHC (Lindane)

R.T.: 3.604 min
Delta R.T.: 0.002 min
Response: 254877986
Conc: 54.11 ng/ml



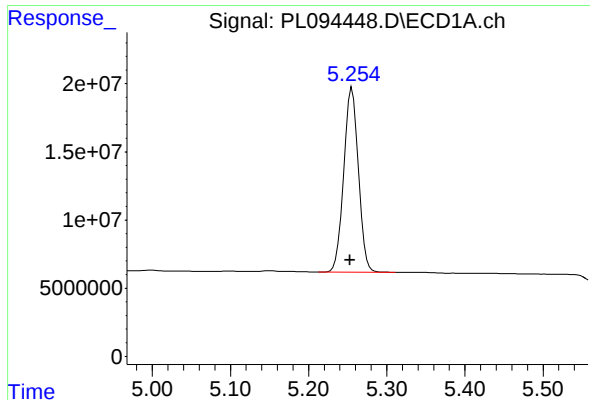
#4 Heptachlor

R.T.: 4.914 min
Delta R.T.: 0.002 min
Response: 173773504
Conc: 51.26 ng/ml



#4 Heptachlor

R.T.: 3.942 min
Delta R.T.: 0.002 min
Response: 247022833
Conc: 52.33 ng/ml



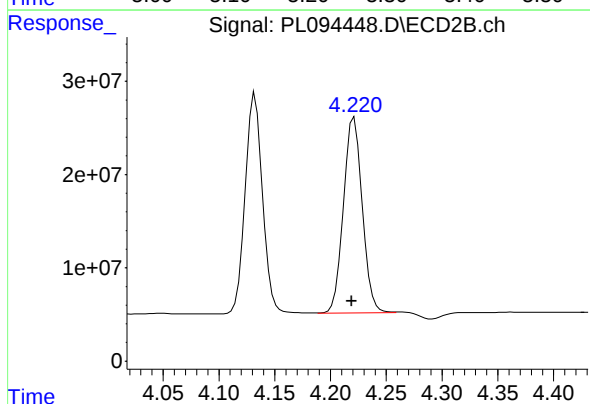
#5 Aldrin

R.T.: 5.256 min
Delta R.T.: 0.003 min
Response: 176544058
Conc: 51.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

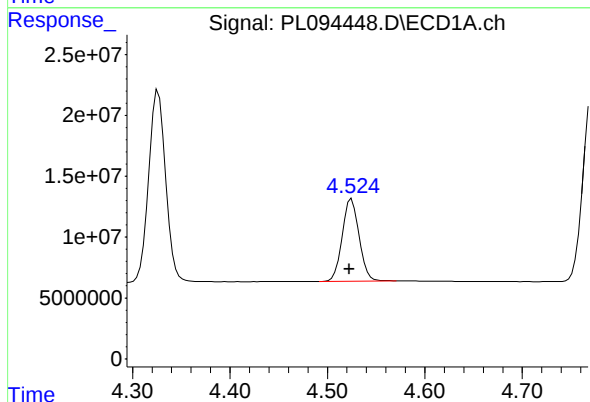
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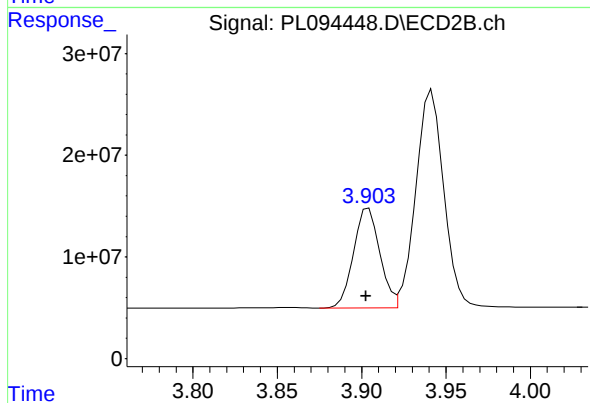
#5 Aldrin

R.T.: 4.221 min
Delta R.T.: 0.002 min
Response: 245822925
Conc: 53.20 ng/ml



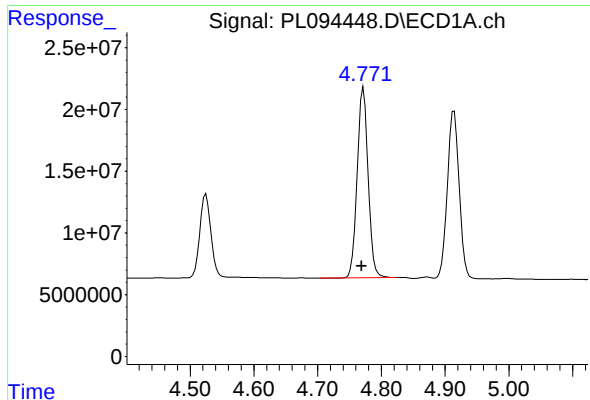
#6 beta-BHC

R.T.: 4.525 min
Delta R.T.: 0.003 min
Response: 81232902
Conc: 50.87 ng/ml



#6 beta-BHC

R.T.: 3.904 min
Delta R.T.: 0.002 min
Response: 106447386
Conc: 53.52 ng/ml



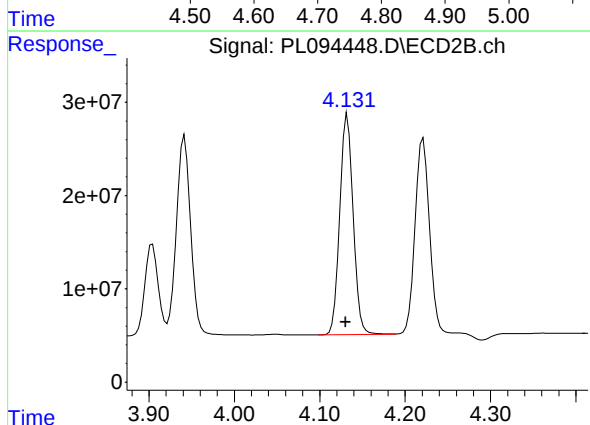
#7 delta-BHC

R.T.: 4.772 min
Delta R.T.: 0.003 min
Response: 184133048
Conc: 52.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

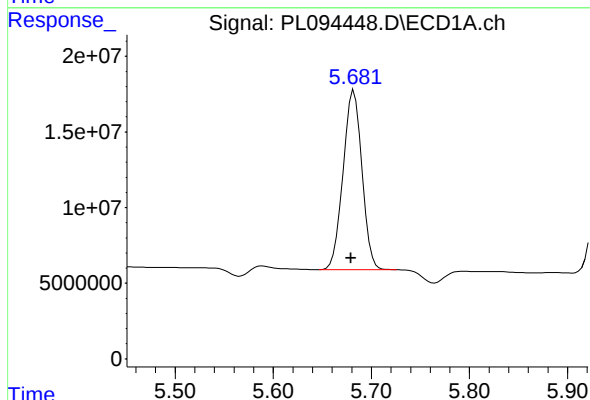
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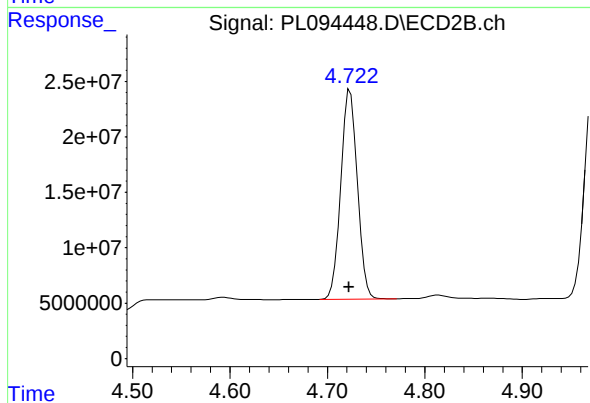
#7 delta-BHC

R.T.: 4.132 min
Delta R.T.: 0.002 min
Response: 255801554
Conc: 54.02 ng/ml



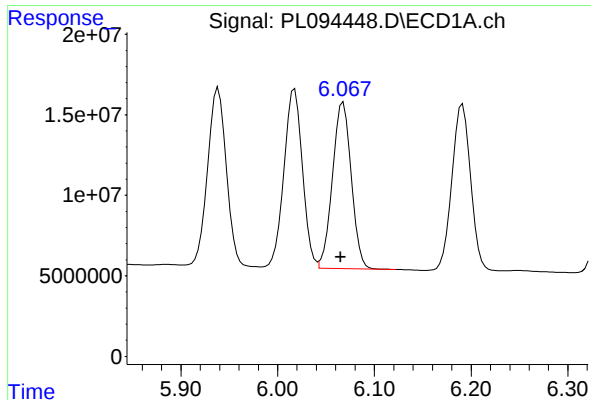
#8 Heptachlor epoxide

R.T.: 5.682 min
Delta R.T.: 0.003 min
Response: 158793352
Conc: 52.70 ng/ml



#8 Heptachlor epoxide

R.T.: 4.723 min
Delta R.T.: 0.001 min
Response: 223467870
Conc: 52.51 ng/ml



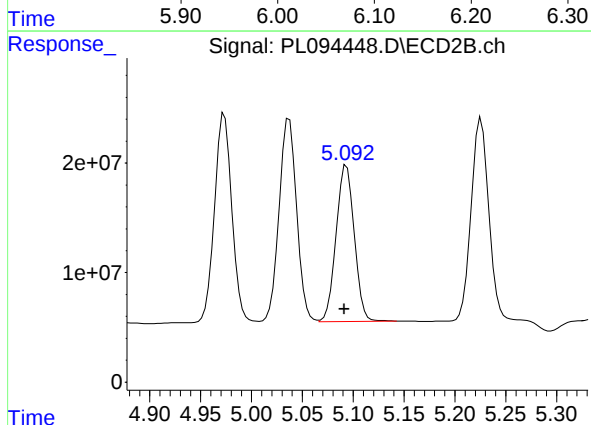
#9 Endosulfan I

R.T.: 6.068 min
Delta R.T.: 0.003 min
Response: 139490983
Conc: 50.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

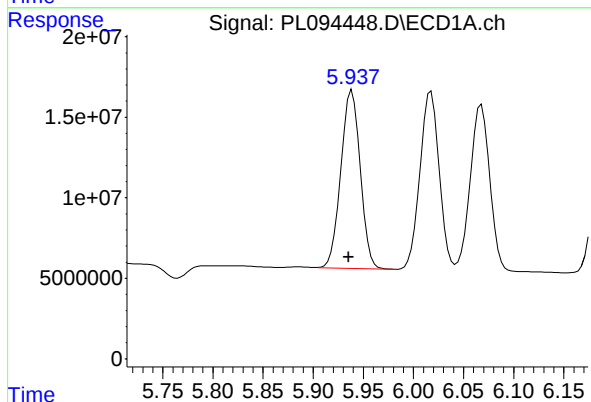
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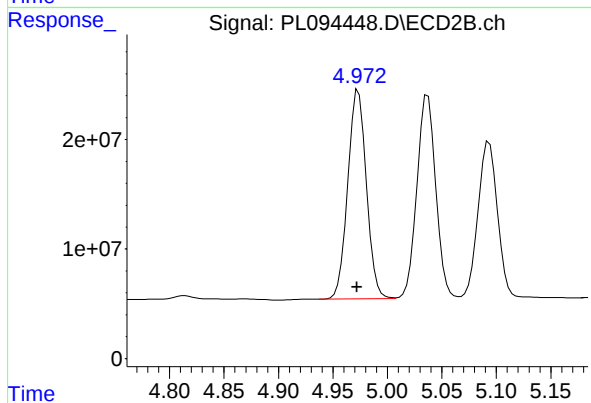
#9 Endosulfan I

R.T.: 5.093 min
Delta R.T.: 0.002 min
Response: 177297729
Conc: 44.47 ng/ml



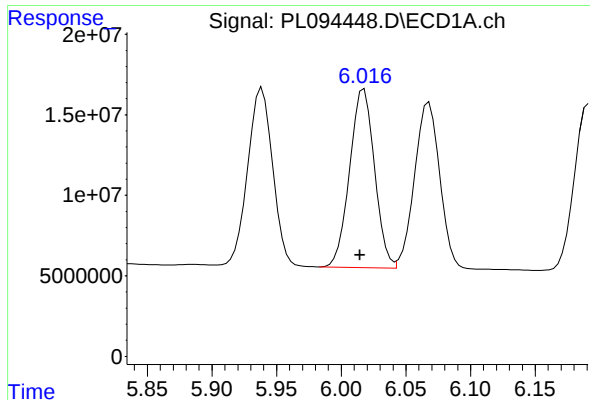
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: 0.003 min
Response: 149123937
Conc: 50.79 ng/ml



#10 gamma-Chlordane

R.T.: 4.973 min
Delta R.T.: 0.001 min
Response: 226812773
Conc: 52.28 ng/ml



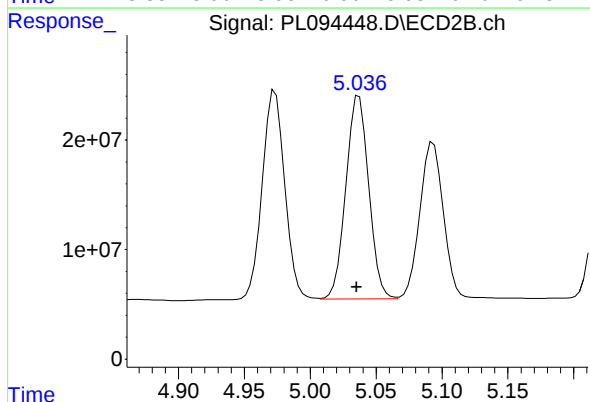
#11 alpha-Chlordane

R.T.: 6.018 min
Delta R.T.: 0.003 min
Response: 148003889
Conc: 51.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

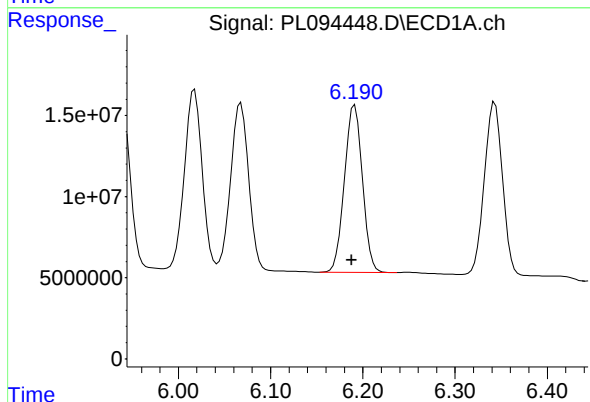
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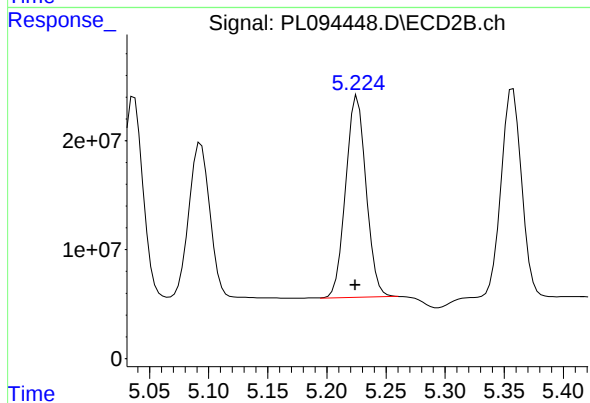
#11 alpha-Chlordane

R.T.: 5.037 min
Delta R.T.: 0.002 min
Response: 223659907
Conc: 51.80 ng/ml



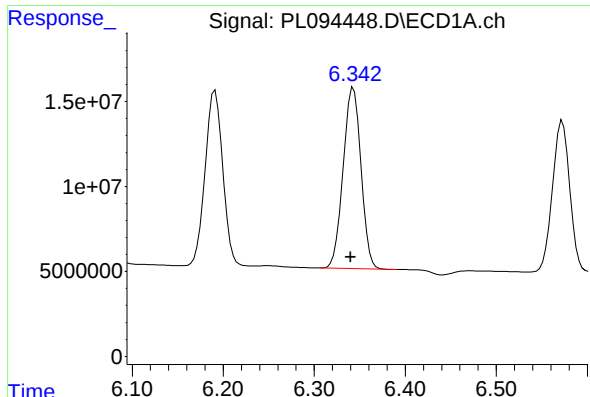
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: 0.003 min
Response: 139414138
Conc: 53.38 ng/ml



#12 4,4'-DDE

R.T.: 5.224 min
Delta R.T.: 0.000 min
Response: 221955669
Conc: 52.85 ng/ml m



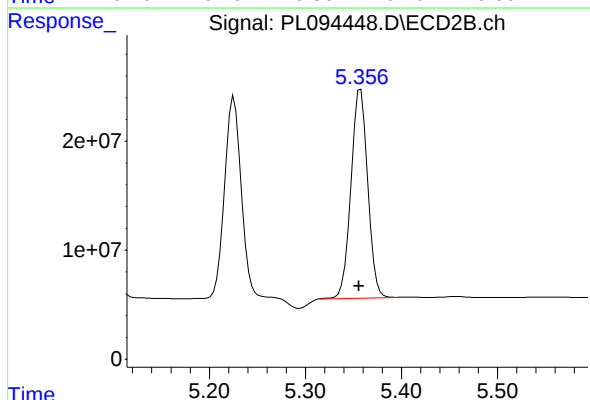
#13 Dieldrin

R.T.: 6.343 min
Delta R.T.: 0.003 min
Response: 145620499
Conc: 51.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

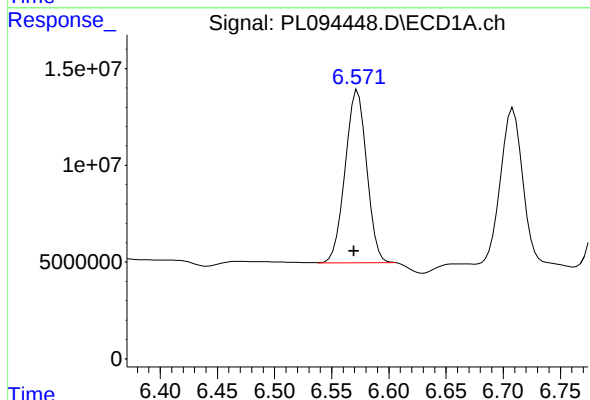
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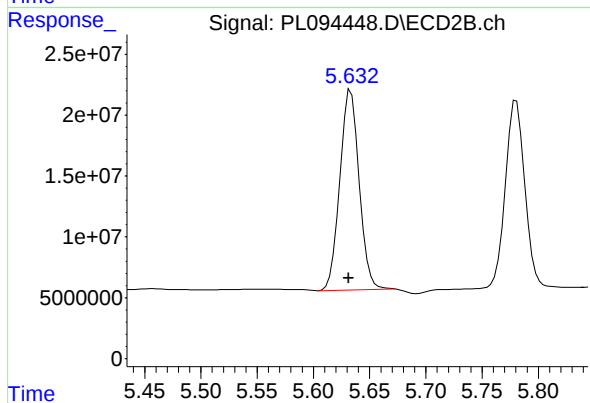
#13 Dieldrin

R.T.: 5.357 min
Delta R.T.: 0.002 min
Response: 232533774
Conc: 53.07 ng/ml



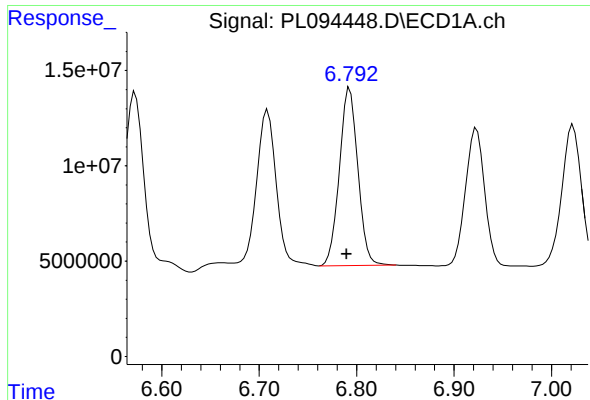
#14 Endrin

R.T.: 6.571 min
Delta R.T.: 0.002 min
Response: 117400866
Conc: 46.00 ng/ml m



#14 Endrin

R.T.: 5.632 min
Delta R.T.: 0.000 min
Response: 196728198
Conc: 57.78 ng/ml m



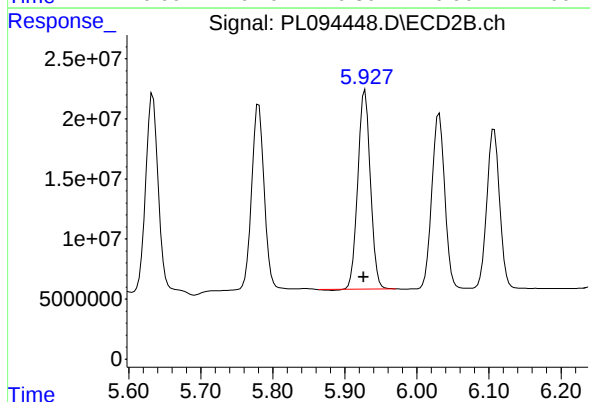
#15 Endosulfan II

R.T.: 6.793 min
Delta R.T.: 0.003 min
Response: 122711669
Conc: 48.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

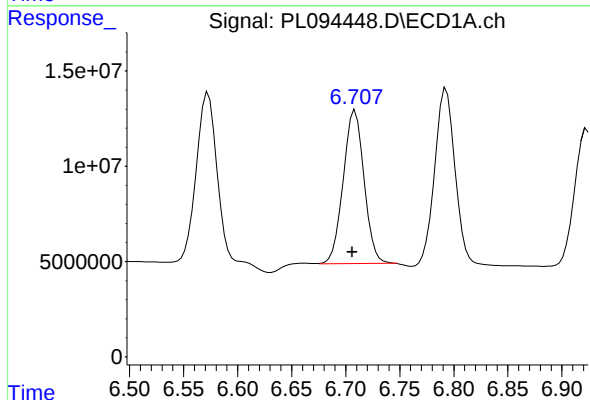
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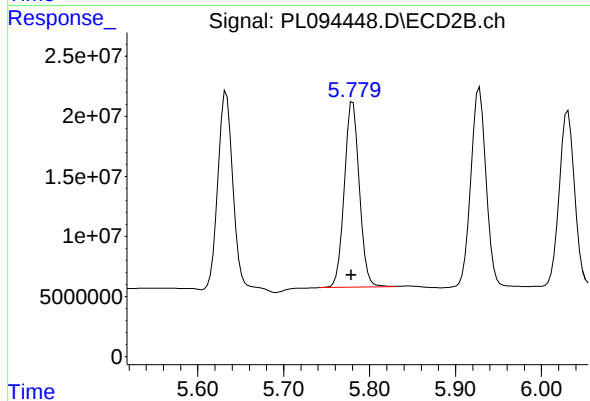
#15 Endosulfan II

R.T.: 5.928 min
Delta R.T.: 0.002 min
Response: 200898481
Conc: 53.72 ng/ml



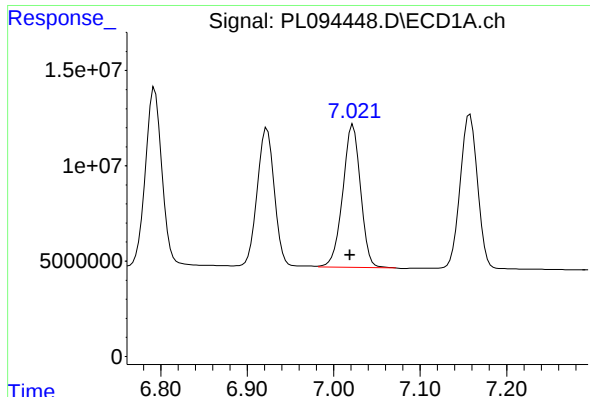
#16 4,4'-DDD

R.T.: 6.707 min
Delta R.T.: 0.001 min
Response: 108013466
Conc: 58.39 ng/ml m



#16 4,4'-DDD

R.T.: 5.781 min
Delta R.T.: 0.002 min
Response: 186632239
Conc: 58.59 ng/ml



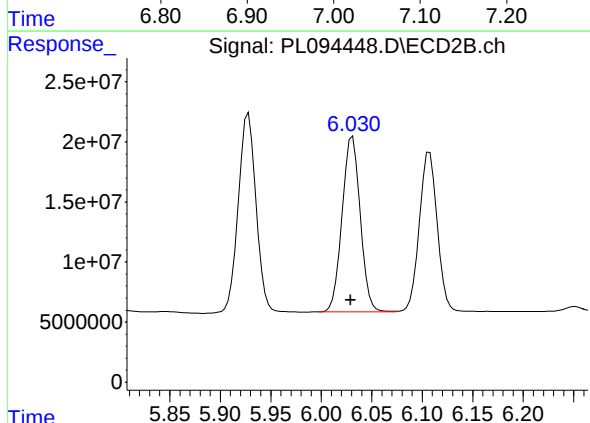
#17 4,4'-DDT

R.T.: 7.022 min
Delta R.T.: 0.003 min
Response: 106541052
Conc: 50.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

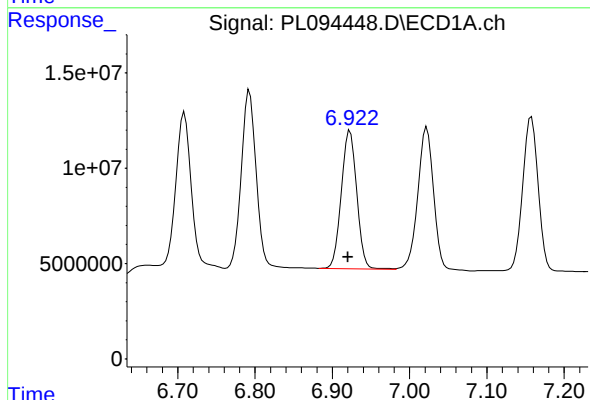
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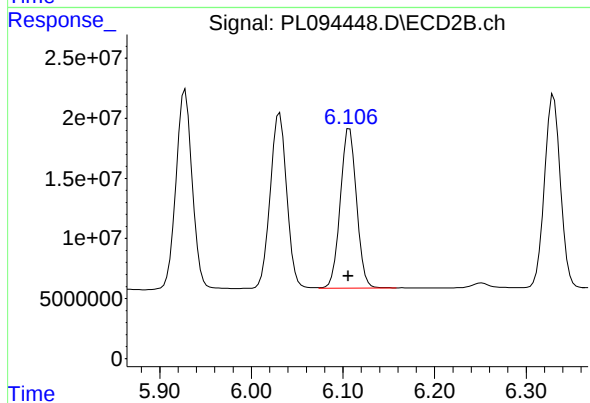
#17 4,4'-DDT

R.T.: 6.031 min
Delta R.T.: 0.002 min
Response: 182916400
Conc: 51.42 ng/ml



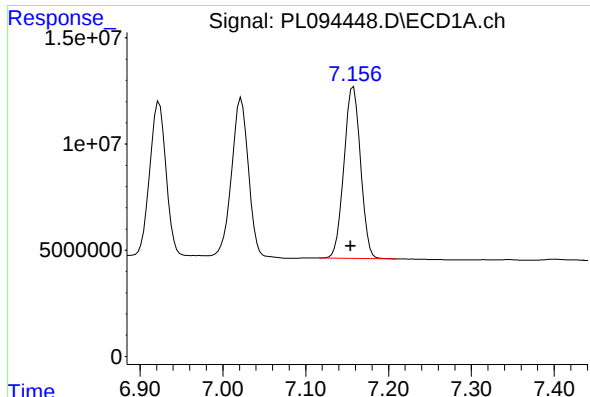
#18 Endrin aldehyde

R.T.: 6.923 min
Delta R.T.: 0.003 min
Response: 100123945
Conc: 51.43 ng/ml



#18 Endrin aldehyde

R.T.: 6.107 min
Delta R.T.: 0.002 min
Response: 164561613
Conc: 52.07 ng/ml



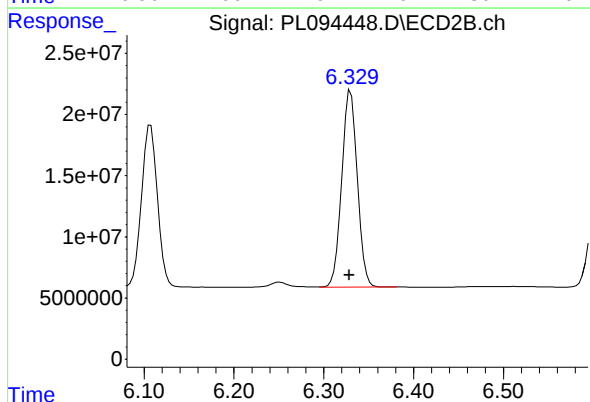
#19 Endosulfan Sulfate

R.T.: 7.158 min
Delta R.T.: 0.003 min
Response: 112618056
Conc: 49.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

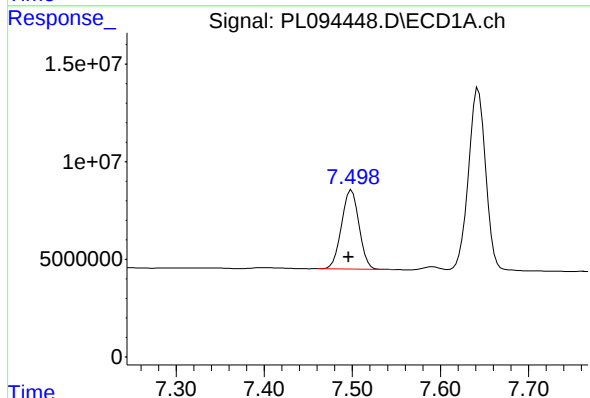
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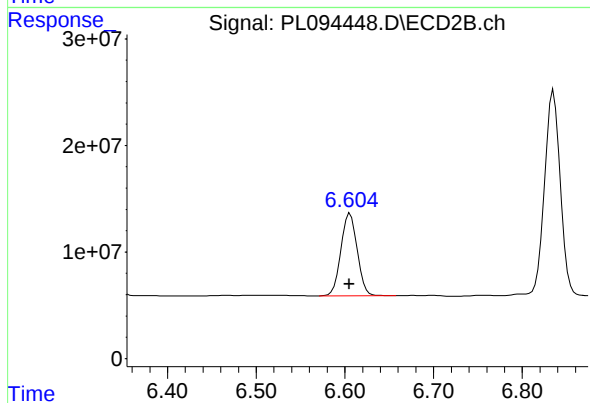
#19 Endosulfan Sulfate

R.T.: 6.330 min
Delta R.T.: 0.002 min
Response: 193430482
Conc: 52.37 ng/ml



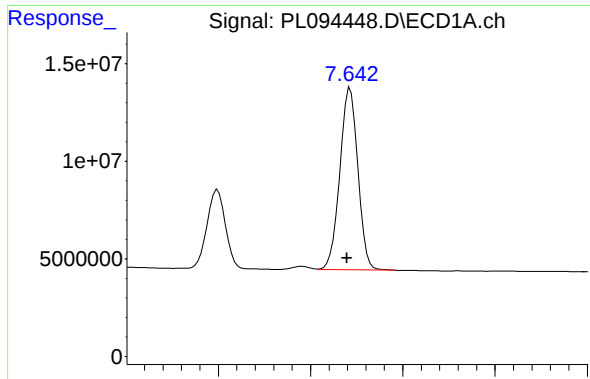
#20 Methoxychlor

R.T.: 7.499 min
Delta R.T.: 0.004 min
Response: 56140362
Conc: 50.53 ng/ml



#20 Methoxychlor

R.T.: 6.606 min
Delta R.T.: 0.001 min
Response: 98710885
Conc: 50.59 ng/ml



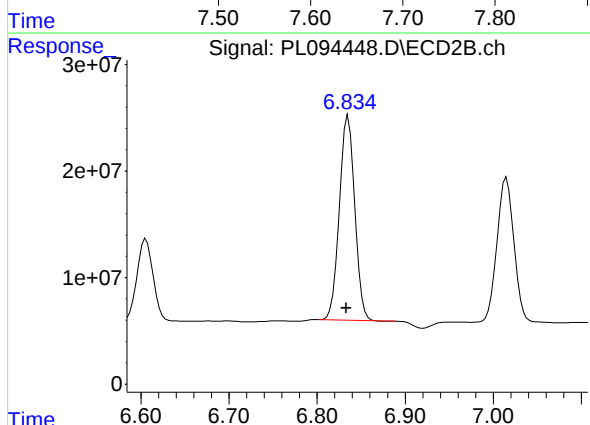
#21 Endrin ketone

R.T.: 7.643 min
Delta R.T.: 0.004 min
Response: 126378009
Conc: 50.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

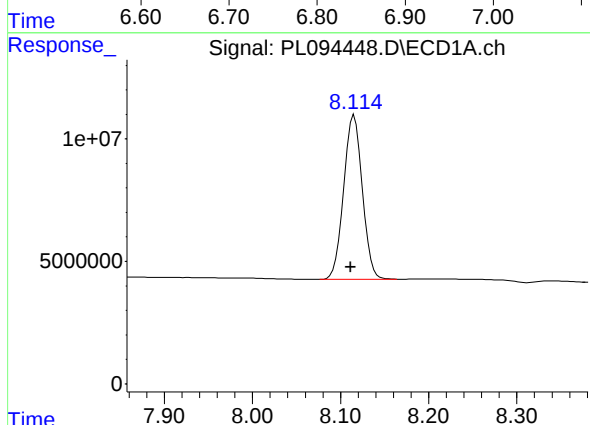
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/03/2025
Supervised By :mohammad ahmed 03/07/2025



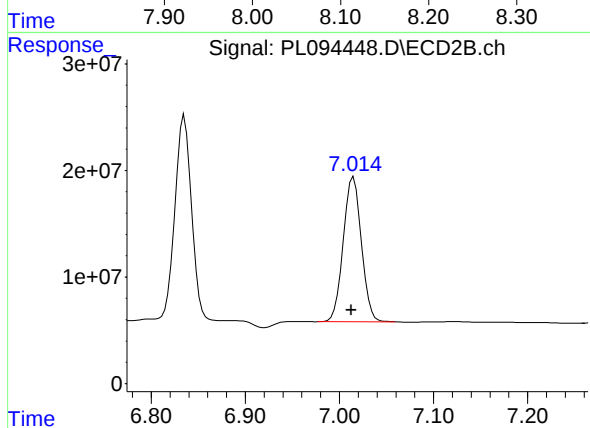
#21 Endrin ketone

R.T.: 6.835 min
Delta R.T.: 0.002 min
Response: 232764913
Conc: 54.54 ng/ml



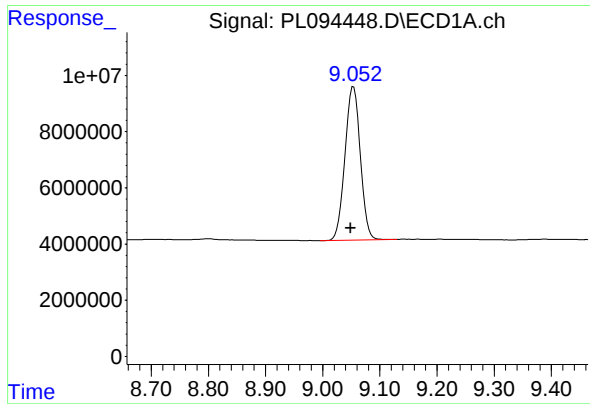
#22 Mirex

R.T.: 8.115 min
Delta R.T.: 0.004 min
Response: 98697061
Conc: 47.83 ng/ml



#22 Mirex

R.T.: 7.015 min
Delta R.T.: 0.002 min
Response: 182127120
Conc: 52.23 ng/ml



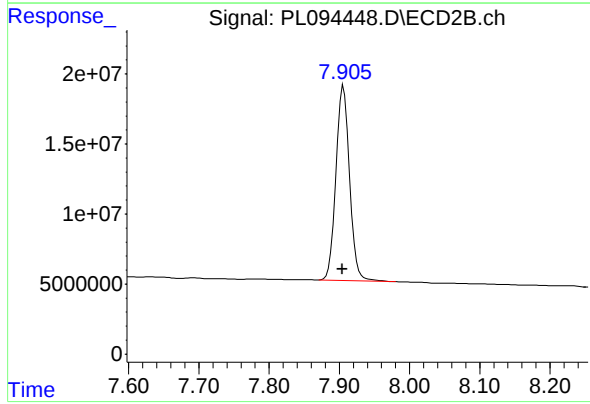
#28 Decachlorobiphenyl

R.T.: 9.054 min
Delta R.T.: 0.005 min
Response: 102649883
Conc: 48.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/03/2025
Supervised By :mohammad ahmed 03/07/2025



#28 Decachlorobiphenyl

R.T.: 7.906 min
Delta R.T.: 0.002 min
Response: 186851034
Conc: 48.59 ng/ml