

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081224\
 Data File : PL090997.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Aug 2024 14:08
 Operator : AR\AJ
 Sample : P3548-09MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 289MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/13/2024
 Supervised By :Ankita Jodhani 08/14/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 13 01:28:46 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080524.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 06 10:55:36 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.544	2.785	45175593	39662769	23.332	22.942
28) SA Decachlor...	9.057	7.927	32261554	33517650	22.455	20.080
Target Compounds						
2) A alpha-BHC	4.000	3.289	157.7E6	149.4E6	57.088	60.628
3) MA gamma-BHC...	4.332	3.619	150.5E6	143.6E6	57.205	61.334
4) MA Heptachlor	4.920	3.959	141.7E6	138.6E6	57.289m	59.759
5) MB Aldrin	5.261	4.238	135.6E6	130.6E6	56.406m	58.923m
6) B beta-BHC	4.529	3.918	71049845	62362722	56.438	58.632
7) B delta-BHC	4.775	4.147	145.5E6	136.7E6	58.124	61.187
8) B Heptachlo...	5.688	4.742	132.7E6	119.2E6	58.409	58.485
9) A Endosulfan I	6.073	5.112	117.7E6	106.8E6	56.140m	55.305
10) B gamma-Chl...	5.943	4.992	128.2E6	126.1E6	56.719m	59.035
11) B alpha-Chl...	6.022	5.056	128.1E6	124.1E6	57.179m	58.181
12) B 4,4'-DDE	6.194	5.245	107.2E6	113.8E6	54.084m	60.646
13) MA Dieldrin	6.348	5.377	125.2E6	123.4E6	57.063	59.760
14) MA Endrin	6.577	5.650	107.1E6	108.6E6	58.490m	59.448m
15) B Endosulfa...	6.797	5.944	110.3E6	105.7E6	55.007	58.186m
16) A 4,4'-DDD	6.713	5.799	97709680	90257937	59.270	58.167
17) MA 4,4'-DDT	7.025	6.048	104.0E6	98203032	58.337m	59.220m
18) B Endrin al...	6.927	6.125	86333610	80708779	57.325	57.005
19) B Endosulfa...	7.161	6.348	103.0E6	108.7E6	57.432	62.242
20) A Methoxychlor	7.502	6.623	55253742	53664970	57.903	58.140m
21) B Endrin ke...	7.646	6.853	115.7E6	111.9E6	58.370	56.448
22) Mirex	8.120	7.035	88271392	90823987	56.785	54.084

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081224\
Data File : PL090997.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Aug 2024 14:08
Operator : AR\AJ
Sample : P3548-09MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

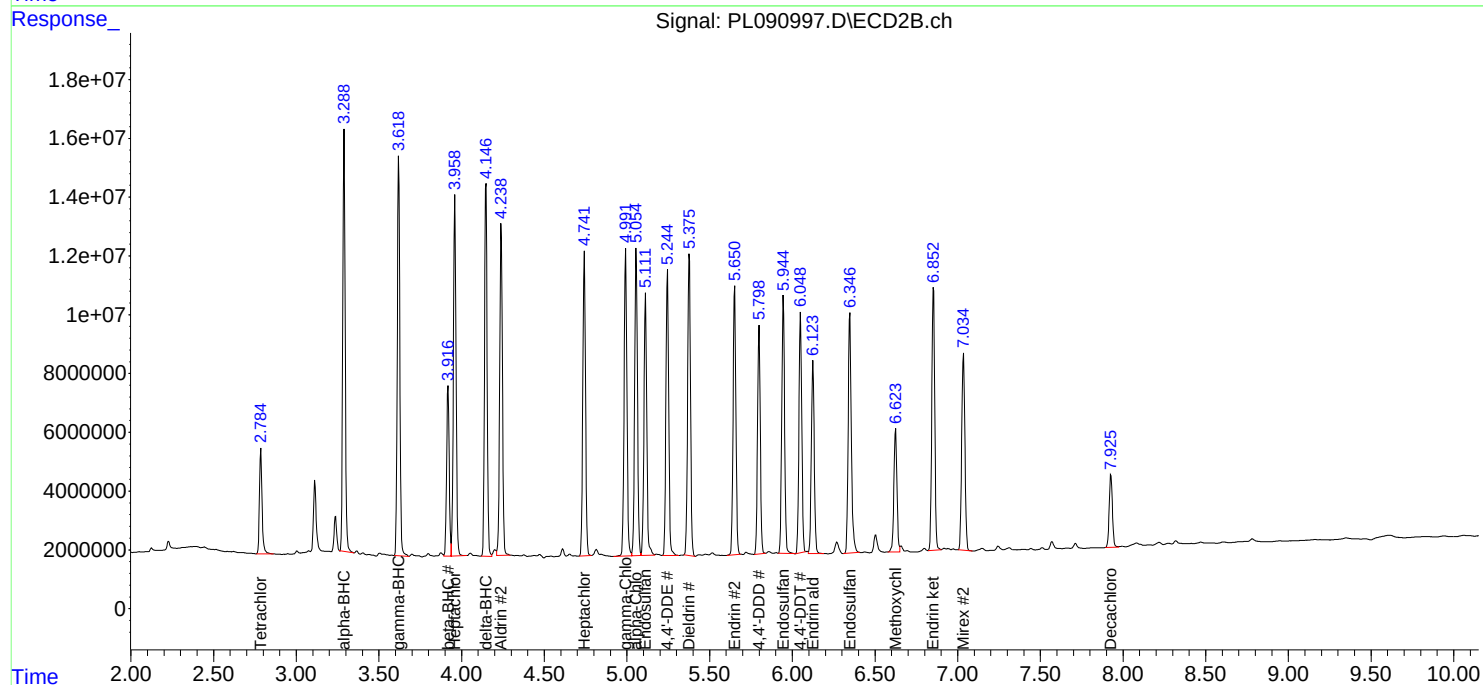
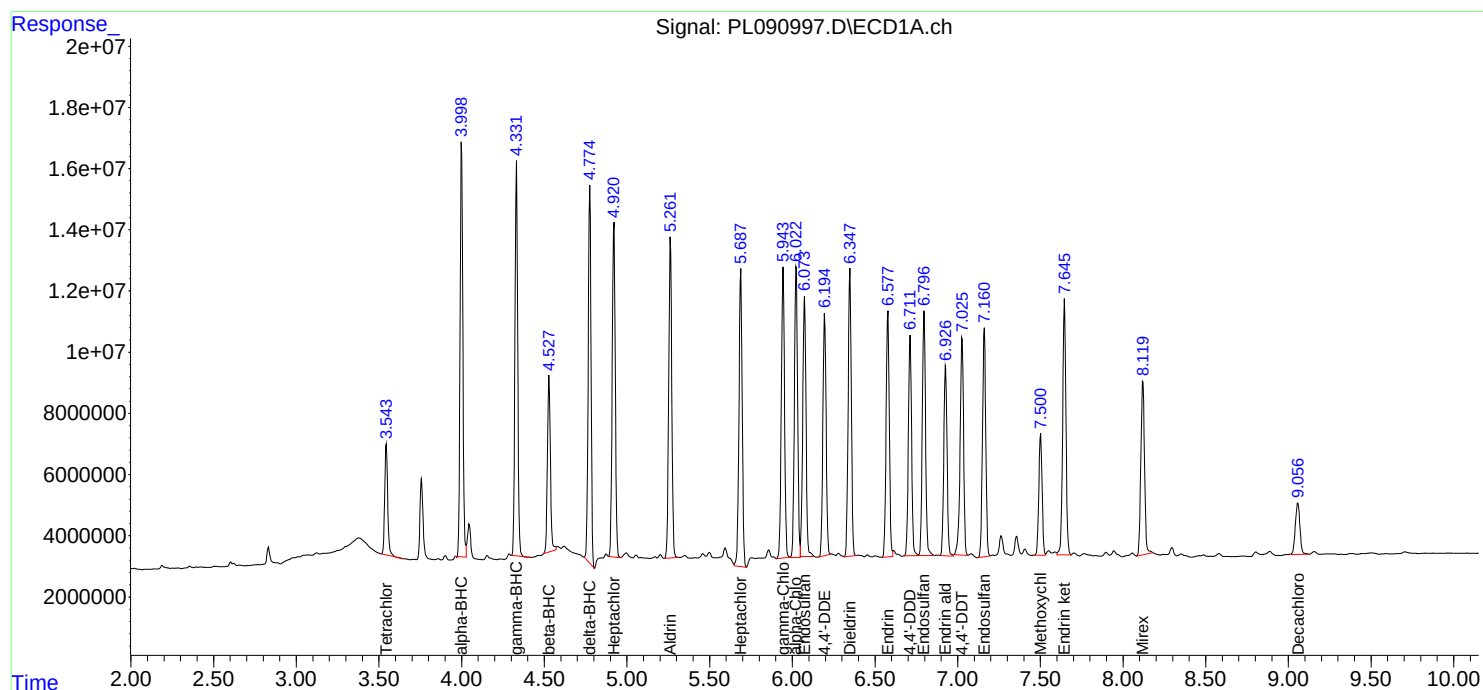
Instrument :
ECD_L
ClientSampleId :
289MS

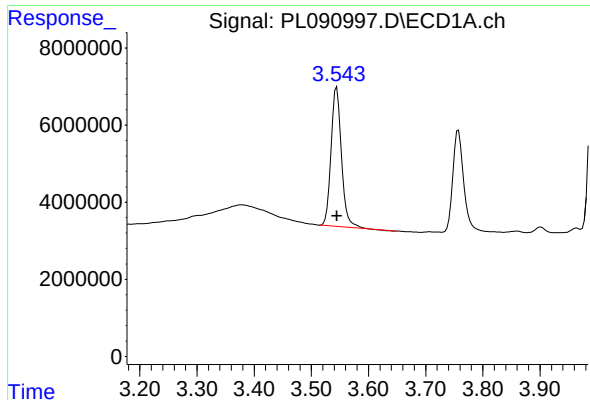
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 01:28:46 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080524.M
Quant Title : GC Extractables
QLast Update : Tue Aug 06 10:55:36 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





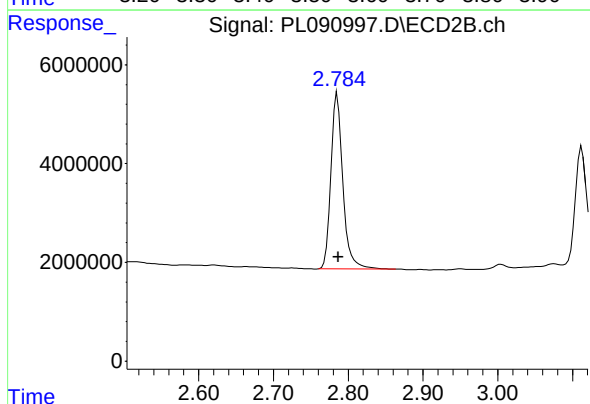
#1 Tetrachloro-m-xylene

R.T.: 3.544 min
Delta R.T.: 0.000 min
Response: 45175593
Conc: 23.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
289MS

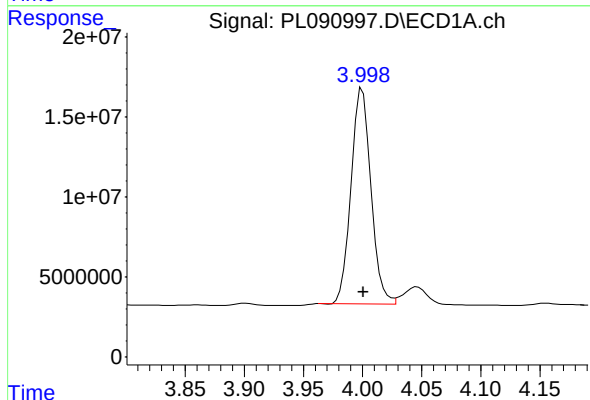
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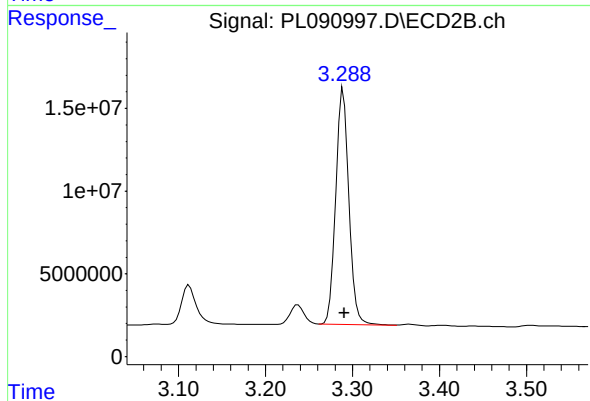
#1 Tetrachloro-m-xylene

R.T.: 2.785 min
Delta R.T.: -0.001 min
Response: 39662769
Conc: 22.94 ng/ml



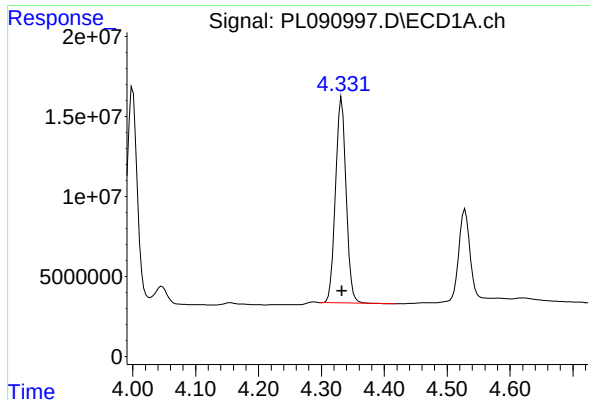
#2 alpha-BHC

R.T.: 4.000 min
Delta R.T.: 0.000 min
Response: 157686651
Conc: 57.09 ng/ml



#2 alpha-BHC

R.T.: 3.289 min
Delta R.T.: -0.001 min
Response: 149352566
Conc: 60.63 ng/ml



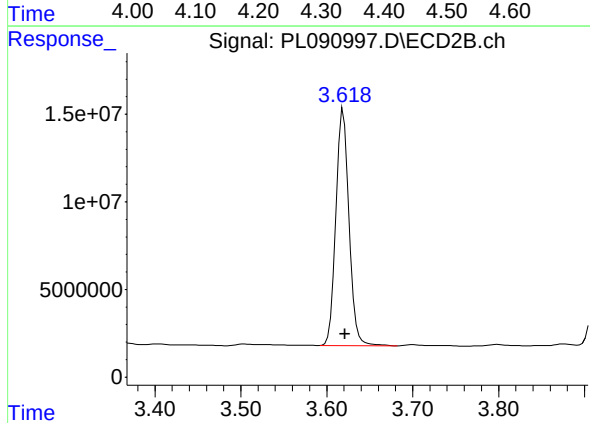
#3 gamma-BHC (Lindane)

R.T.: 4.332 min
Delta R.T.: 0.000 min
Response: 150455320
Conc: 57.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
289MS

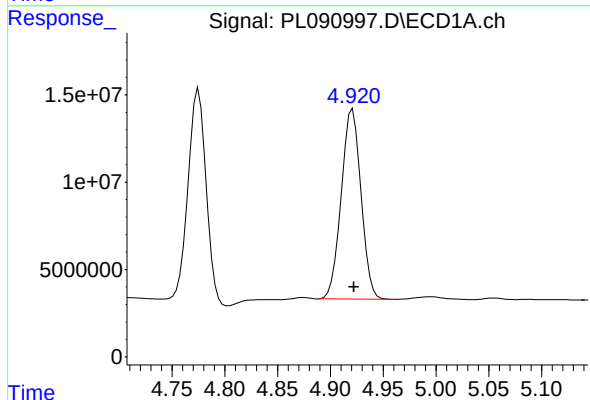
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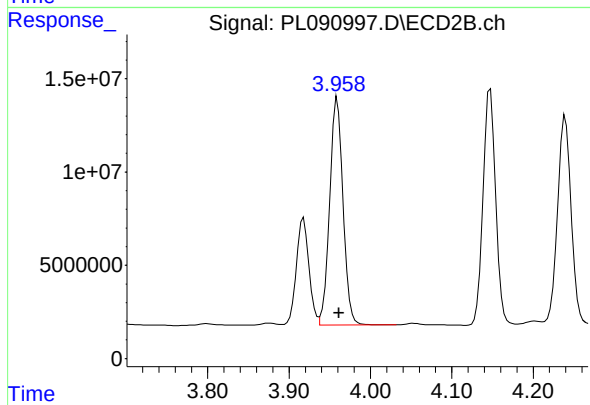
#3 gamma-BHC (Lindane)

R.T.: 3.619 min
Delta R.T.: -0.002 min
Response: 143596621
Conc: 61.33 ng/ml



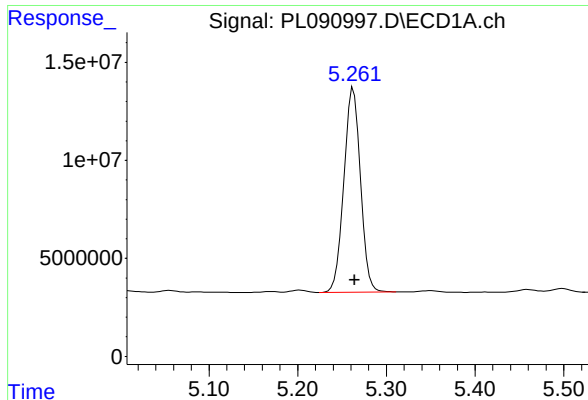
#4 Heptachlor

R.T.: 4.920 min
Delta R.T.: -0.003 min
Response: 141680922
Conc: 57.29 ng/ml m



#4 Heptachlor

R.T.: 3.959 min
Delta R.T.: -0.002 min
Response: 138556103
Conc: 59.76 ng/ml



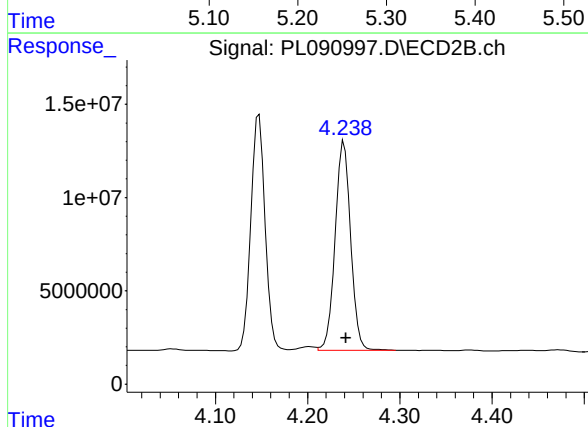
#5 Aldrin

R.T.: 5.261 min
Delta R.T.: -0.003 min
Response: 135589345
Conc: 56.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
289MS

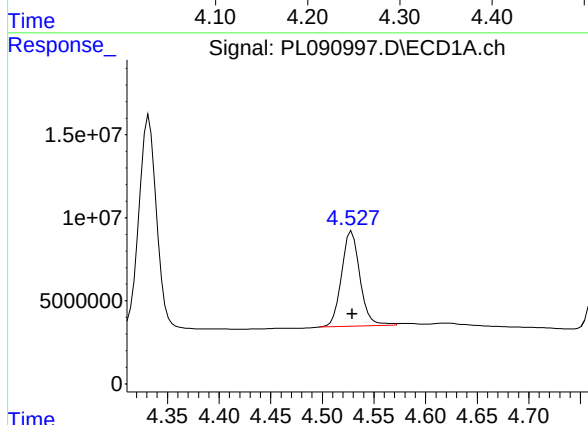
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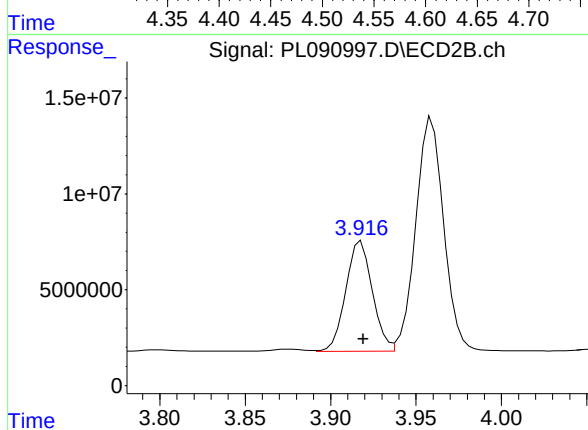
#5 Aldrin

R.T.: 4.238 min
Delta R.T.: -0.004 min
Response: 130637899
Conc: 58.92 ng/ml



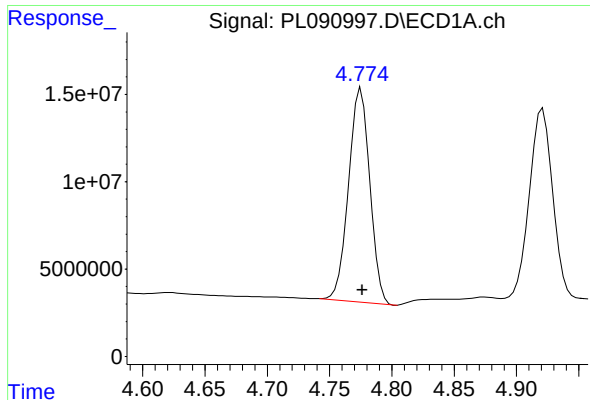
#6 beta-BHC

R.T.: 4.529 min
Delta R.T.: 0.000 min
Response: 71049845
Conc: 56.44 ng/ml



#6 beta-BHC

R.T.: 3.918 min
Delta R.T.: -0.001 min
Response: 62362722
Conc: 58.63 ng/ml



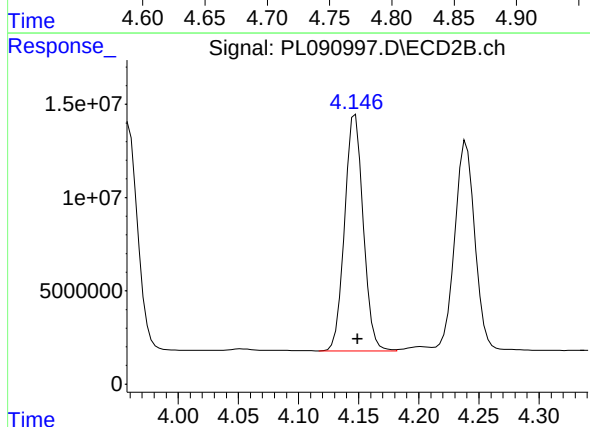
#7 delta-BHC

R.T.: 4.775 min
Delta R.T.: -0.001 min
Response: 145513674
Conc: 58.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
289MS

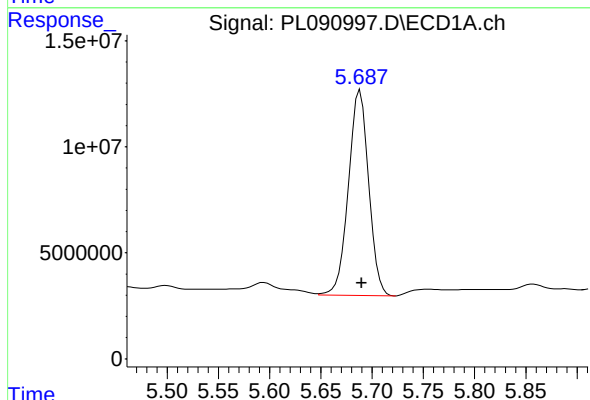
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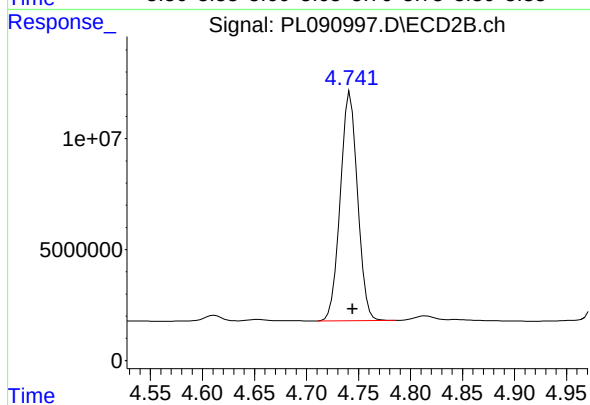
#7 delta-BHC

R.T.: 4.147 min
Delta R.T.: -0.002 min
Response: 136739751
Conc: 61.19 ng/ml



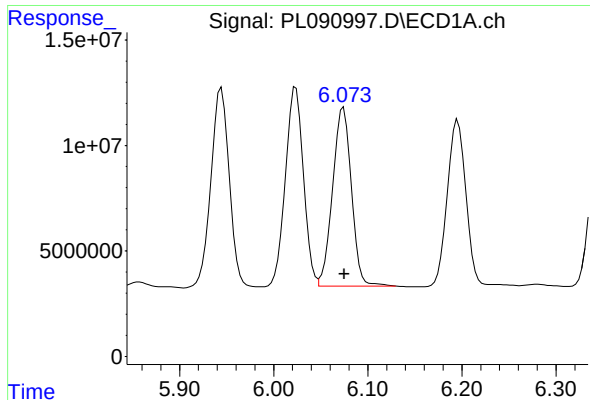
#8 Heptachlor epoxide

R.T.: 5.688 min
Delta R.T.: -0.001 min
Response: 132731261
Conc: 58.41 ng/ml



#8 Heptachlor epoxide

R.T.: 4.742 min
Delta R.T.: -0.002 min
Response: 119212006
Conc: 58.49 ng/ml



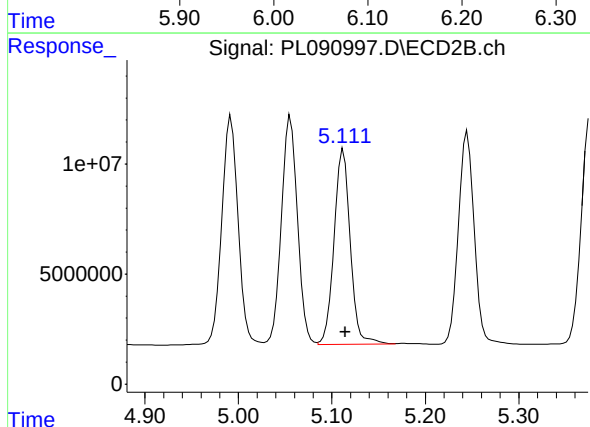
#9 Endosulfan I

R.T.: 6.073 min
Delta R.T.: -0.002 min
Response: 117681093
Conc: 56.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
289MS

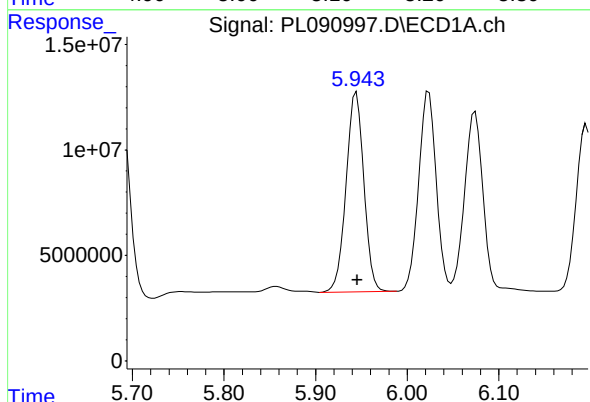
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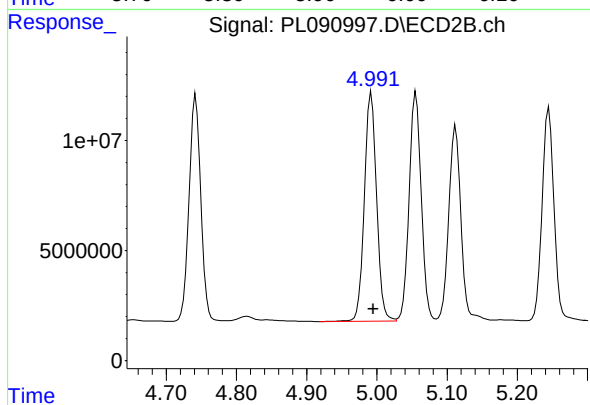
#9 Endosulfan I

R.T.: 5.112 min
Delta R.T.: -0.002 min
Response: 106798796
Conc: 55.31 ng/ml



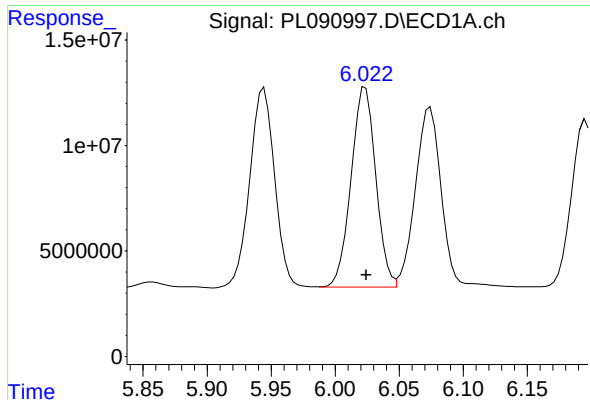
#10 gamma-Chlordane

R.T.: 5.943 min
Delta R.T.: -0.002 min
Response: 128157988
Conc: 56.72 ng/ml m



#10 gamma-Chlordane

R.T.: 4.992 min
Delta R.T.: -0.003 min
Response: 126075242
Conc: 59.03 ng/ml



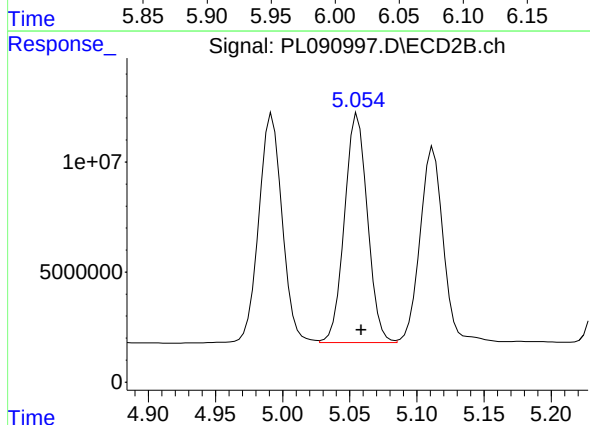
#11 alpha-Chlordane

R.T.: 6.022 min
Delta R.T.: -0.002 min
Response: 128056950
Conc: 57.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
289MS

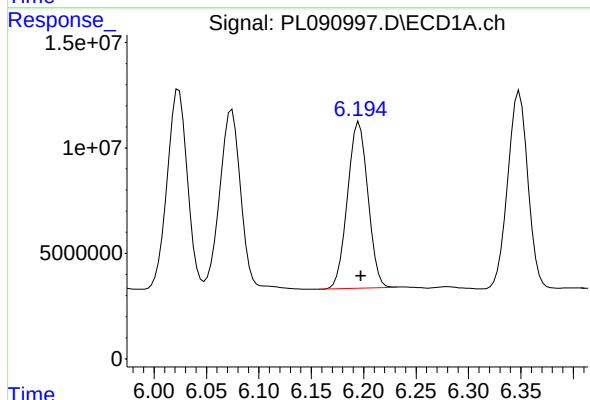
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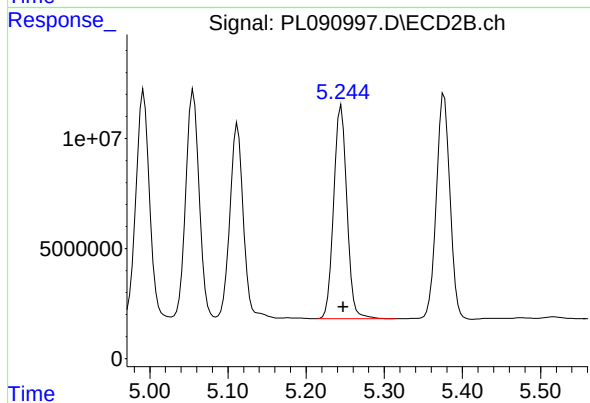
#11 alpha-Chlordane

R.T.: 5.056 min
Delta R.T.: -0.003 min
Response: 124134698
Conc: 58.18 ng/ml



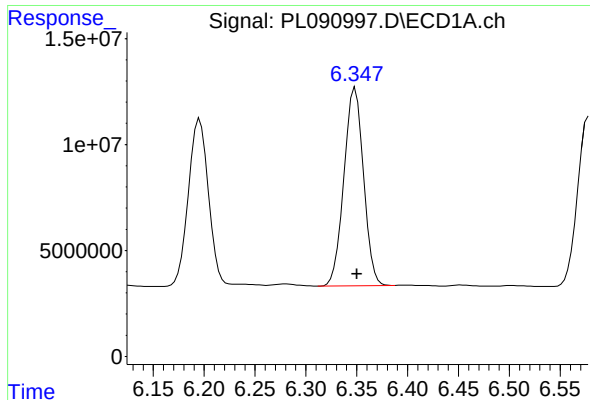
#12 4,4'-DDE

R.T.: 6.194 min
Delta R.T.: -0.003 min
Response: 107213550
Conc: 54.08 ng/ml m



#12 4,4'-DDE

R.T.: 5.245 min
Delta R.T.: -0.003 min
Response: 113765128
Conc: 60.65 ng/ml



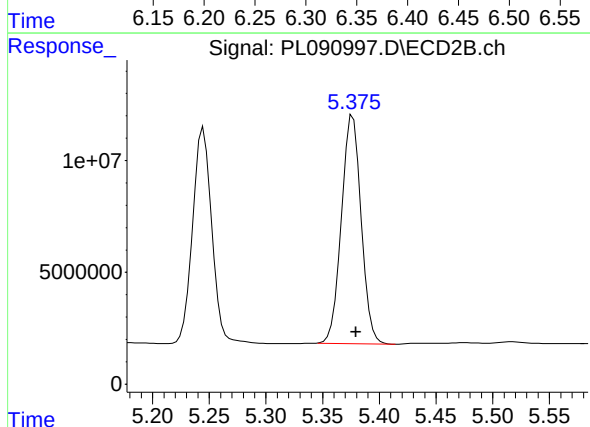
#13 Dieldrin

R.T.: 6.348 min
Delta R.T.: -0.002 min
Response: 125158639
Conc: 57.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
289MS

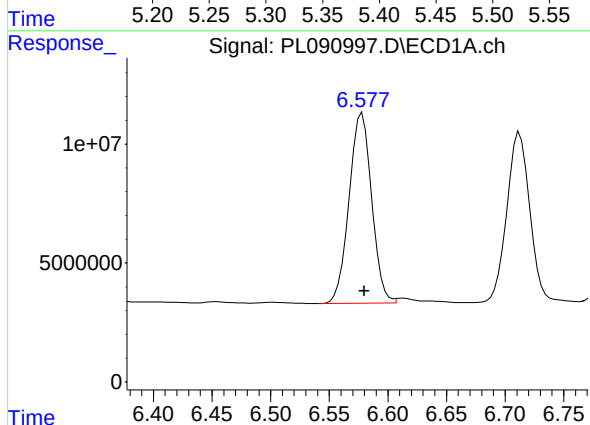
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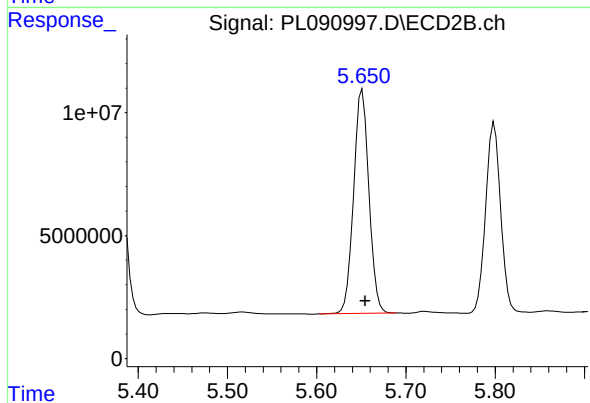
#13 Dieldrin

R.T.: 5.377 min
Delta R.T.: -0.003 min
Response: 123390255
Conc: 59.76 ng/ml



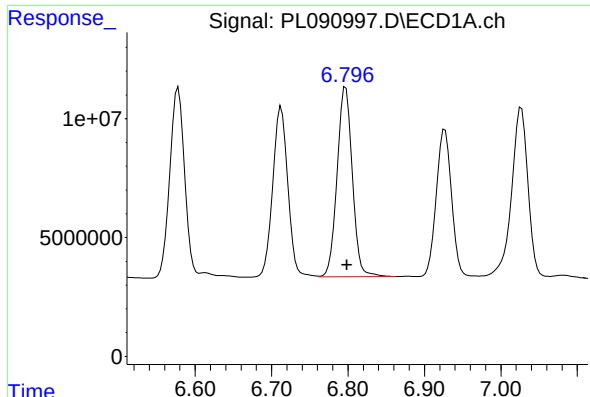
#14 Endrin

R.T.: 6.577 min
Delta R.T.: -0.003 min
Response: 107120936
Conc: 58.49 ng/ml m



#14 Endrin

R.T.: 5.650 min
Delta R.T.: -0.005 min
Response: 108624430
Conc: 59.45 ng/ml m



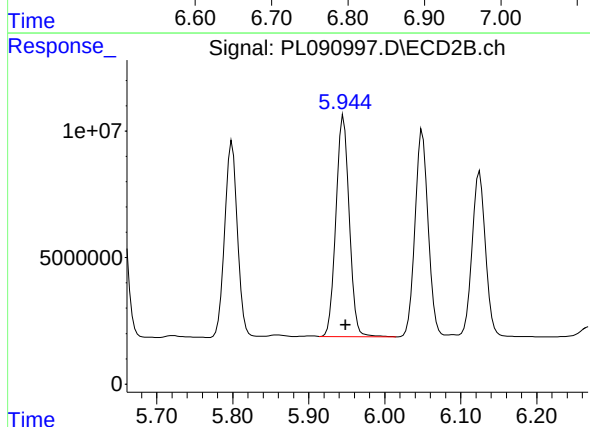
#15 Endosulfan II

R.T.: 6.797 min
Delta R.T.: -0.002 min
Response: 110307986
Conc: 55.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
289MS

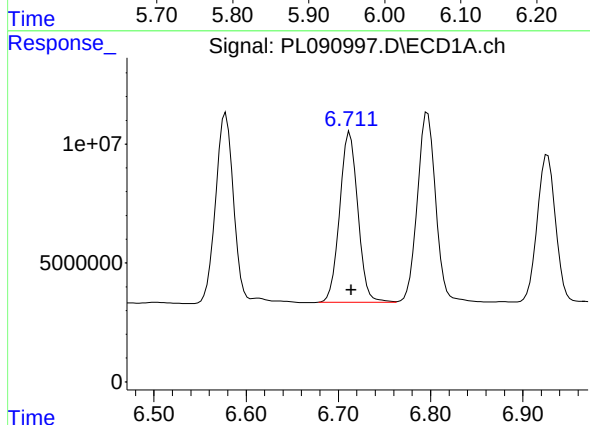
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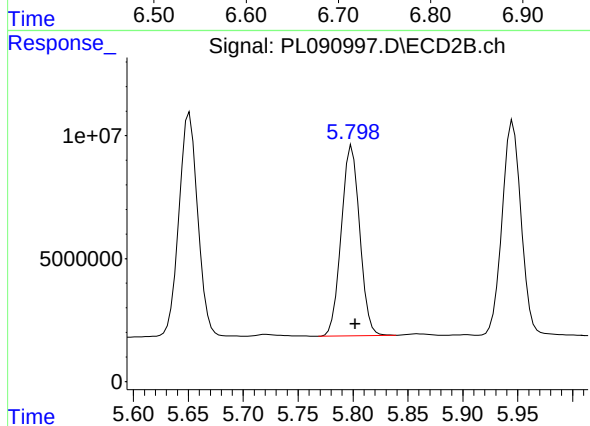
#15 Endosulfan II

R.T.: 5.944 min
Delta R.T.: -0.004 min
Response: 105682381
Conc: 58.19 ng/ml m



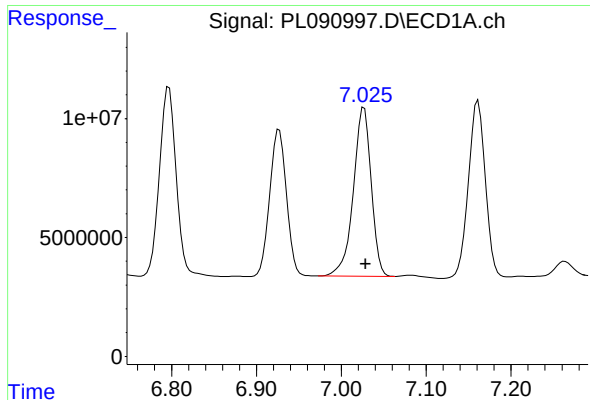
#16 4,4'-DDD

R.T.: 6.713 min
Delta R.T.: -0.002 min
Response: 97709680
Conc: 59.27 ng/ml



#16 4,4'-DDD

R.T.: 5.799 min
Delta R.T.: -0.003 min
Response: 90257937
Conc: 58.17 ng/ml



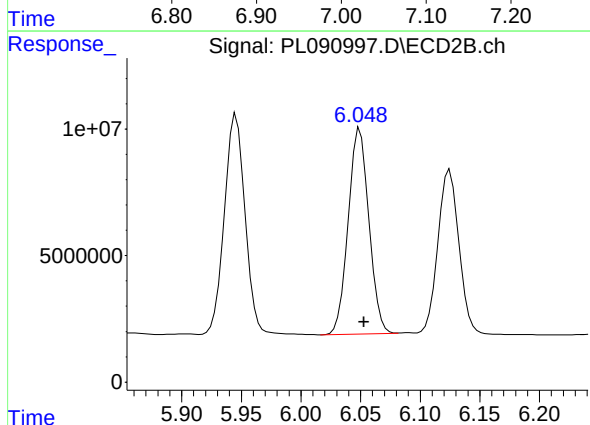
#17 4,4'-DDT

R.T.: 7.025 min
Delta R.T.: -0.003 min
Response: 104001962
Conc: 58.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
289MS

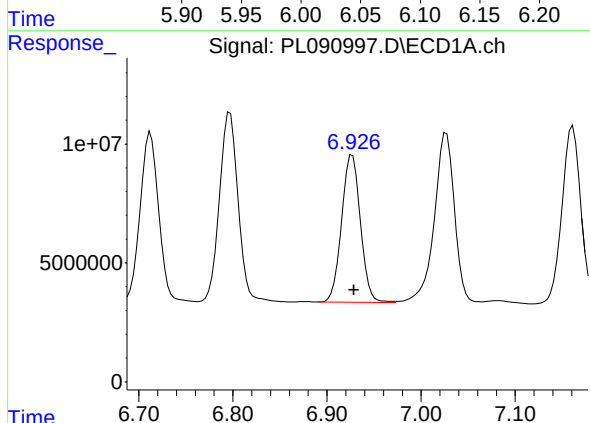
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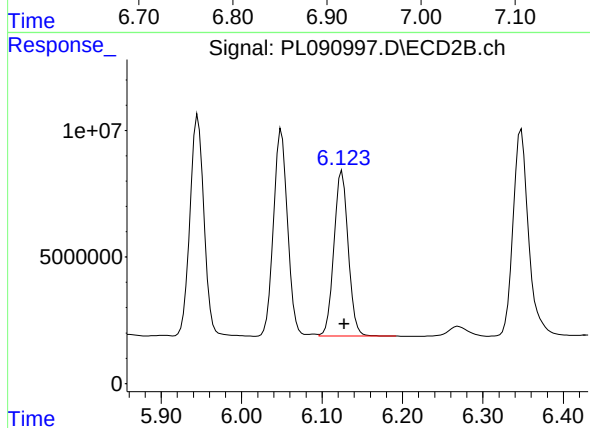
#17 4,4'-DDT

R.T.: 6.048 min
Delta R.T.: -0.005 min
Response: 98203032
Conc: 59.22 ng/ml



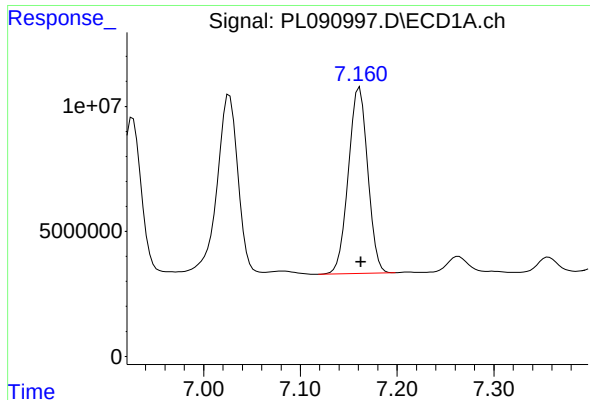
#18 Endrin aldehyde

R.T.: 6.927 min
Delta R.T.: -0.002 min
Response: 86333610
Conc: 57.33 ng/ml



#18 Endrin aldehyde

R.T.: 6.125 min
Delta R.T.: -0.003 min
Response: 80708779
Conc: 57.01 ng/ml



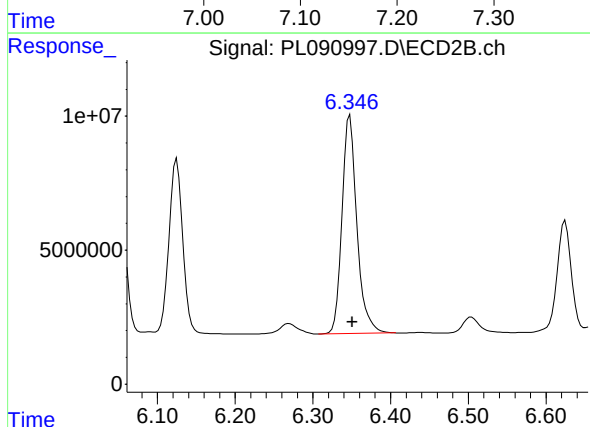
#19 Endosulfan Sulfate

R.T.: 7.161 min
Delta R.T.: -0.001 min
Response: 103010882
Conc: 57.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
289MS

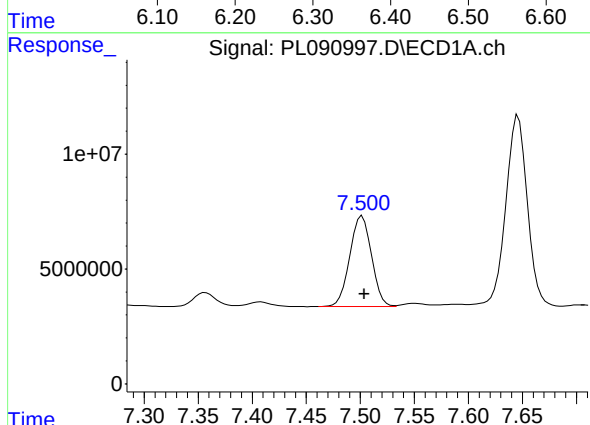
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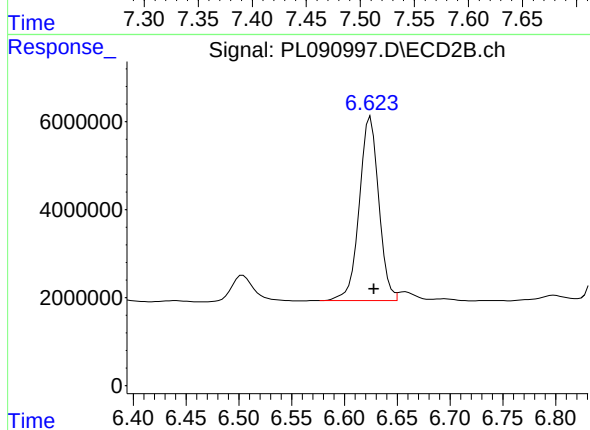
#19 Endosulfan Sulfate

R.T.: 6.348 min
Delta R.T.: -0.003 min
Response: 108655173
Conc: 62.24 ng/ml



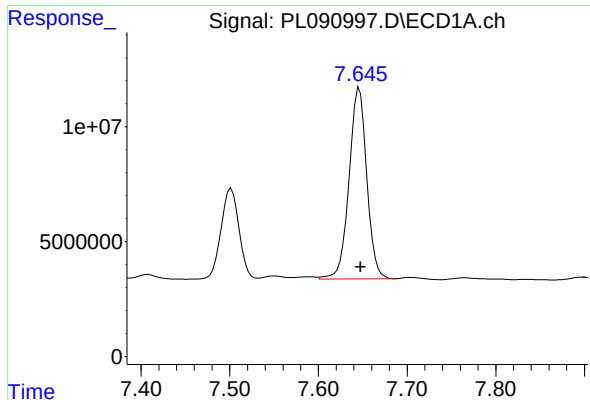
#20 Methoxychlor

R.T.: 7.502 min
Delta R.T.: -0.002 min
Response: 55253742
Conc: 57.90 ng/ml



#20 Methoxychlor

R.T.: 6.623 min
Delta R.T.: -0.005 min
Response: 53664970
Conc: 58.14 ng/ml m



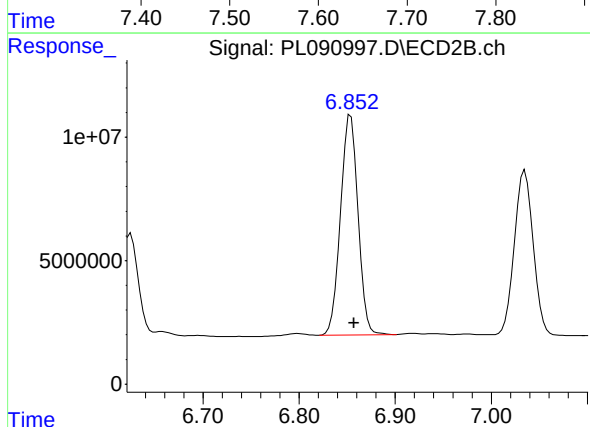
#21 Endrin ketone

R.T.: 7.646 min
Delta R.T.: -0.001 min
Response: 115653786
Conc: 58.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
289MS

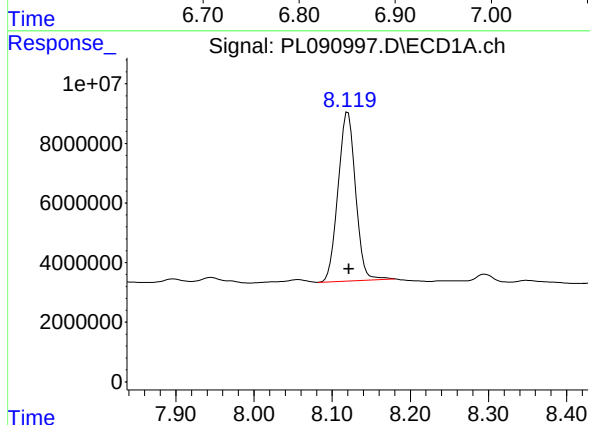
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/13/2024
Supervised By :Ankita Jodhani 08/14/2024



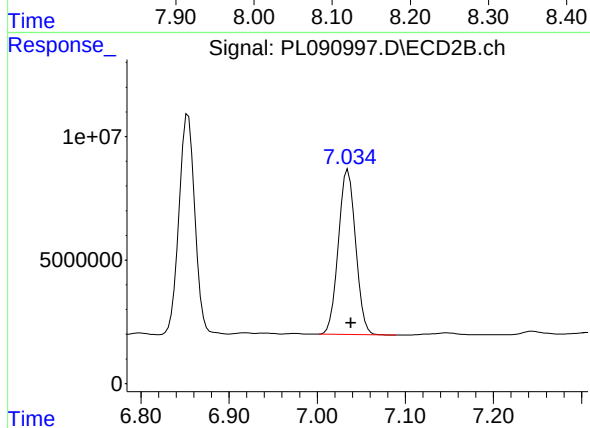
#21 Endrin ketone

R.T.: 6.853 min
Delta R.T.: -0.004 min
Response: 111875249
Conc: 56.45 ng/ml



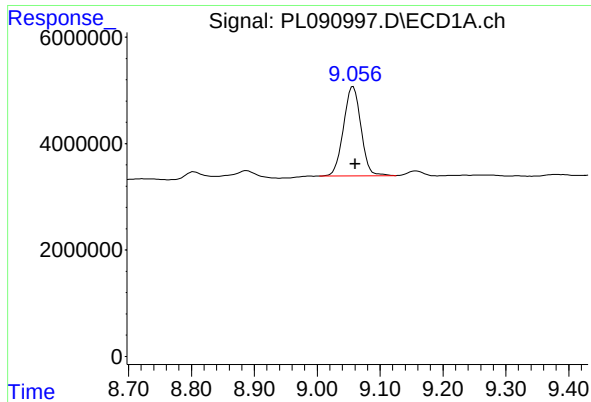
#22 Mirex

R.T.: 8.120 min
Delta R.T.: -0.001 min
Response: 88271392
Conc: 56.79 ng/ml



#22 Mirex

R.T.: 7.035 min
Delta R.T.: -0.003 min
Response: 90823987
Conc: 54.08 ng/ml



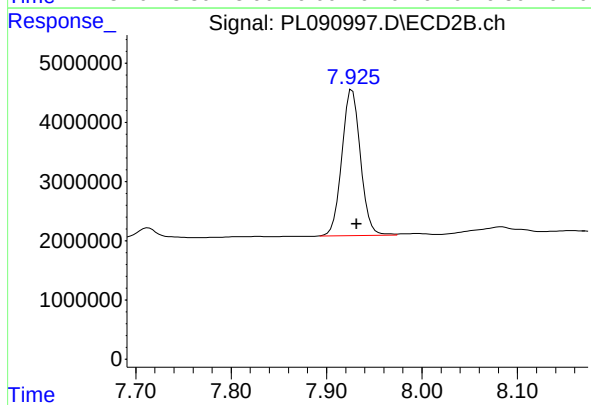
#28 Decachlorobiphenyl

R.T.: 9.057 min
Delta R.T.: -0.003 min
Response: 32261554
Conc: 22.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
289MS

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#28 Decachlorobiphenyl

R.T.: 7.927 min
Delta R.T.: -0.004 min
Response: 33517650
Conc: 20.08 ng/ml