

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021225\
 Data File : PL094159.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Feb 2025 14:07
 Operator : AR\AJ
 Sample : Q1353-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 346MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/13/2025
 Supervised By :Ankita Jodhani 02/13/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 13 00:33:33 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL021225.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 21 14:58:05 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...	3.537	2.774	51736459	65939700	19.213m	20.201
28) SA Decachlor...	9.054	7.909	35629966	67578376	17.032	19.286
Target Compounds						
2) A alpha-BHC	3.994	3.276	188.6E6	251.2E6	49.183m	51.374
3) MA gamma-BHC...	4.326	3.606	181.2E6	239.2E6	49.213m	50.447
4) MA Heptachlor	4.915	3.944	168.6E6	240.4E6	51.442	51.651
5) MB Aldrin	5.256	4.223	169.2E6	234.1E6	51.727m	51.314
6) B beta-BHC	4.525	3.906	79014186	104.7E6	49.159m	52.441
7) B delta-BHC	4.773	4.134	196.2E6	241.3E6	55.961	50.780
8) B Heptachlo...	5.682	4.725	185.6E6	236.1E6	62.427m	56.468m
9) A Endosulfan I	6.069	5.096	125.6E6	182.6E6	47.513	47.094
10) B gamma-Chl...	5.940	4.976	465.3E6	688.8E6	166.921	162.547
11) B alpha-Chl...	6.021	5.040	674.0E6	862.4E6	241.700	205.992
12) B 4,4'-DDE	6.192	5.227	115.5E6	223.3E6	47.448	55.701m
13) MA Dieldrin	6.344	5.360	134.5E6	236.3E6	48.461	55.016
14) MA Endrin	6.574	5.636	104.0E6	202.8E6	44.342	54.932
15) B Endosulfa...	6.794	5.932	117.4E6	345.6E6	48.738	93.316 #
16) A 4,4'-DDD	6.709	5.782	124.8E6	175.0E6	65.663m	55.444m
17) MA 4,4'-DDT	7.024	6.033	111.5E6	190.2E6	56.532	58.457
18) B Endrin al...	6.923	6.108	97045422	155.9E6	49.919m	51.206m
19) B Endosulfa...	7.159	6.333	110.4E6	189.9E6	48.777	53.241
20) A Methoxychlor	7.500	6.608	53662997	93136392	51.431	52.086
21) B Endrin ke...	7.644	6.837	123.8E6	212.3E6	49.090	50.610
22) Mirex	8.116	7.017	91061548	157.9E6	43.727	46.680

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021225\
Data File : PL094159.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Feb 2025 14:07
Operator : AR\AJ
Sample : Q1353-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

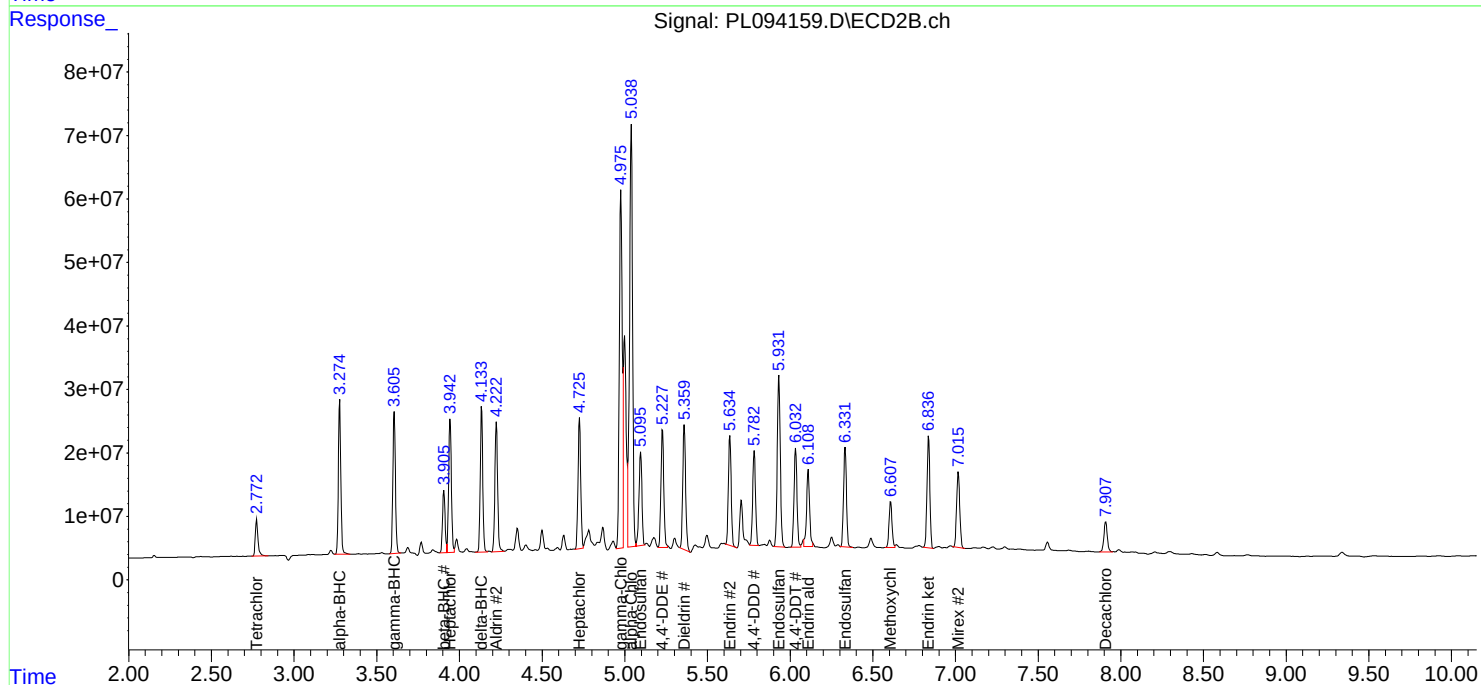
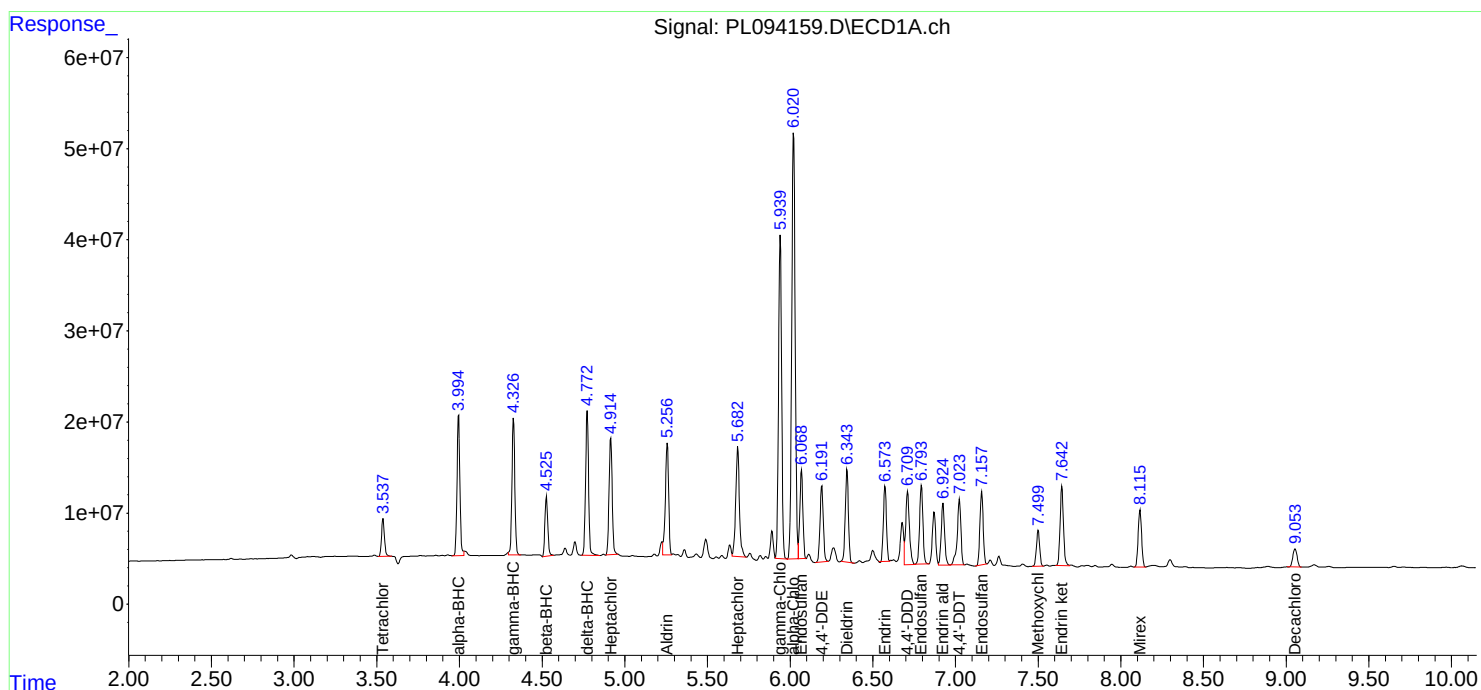
Instrument :
ECD_L
ClientSampleId :
346MSD

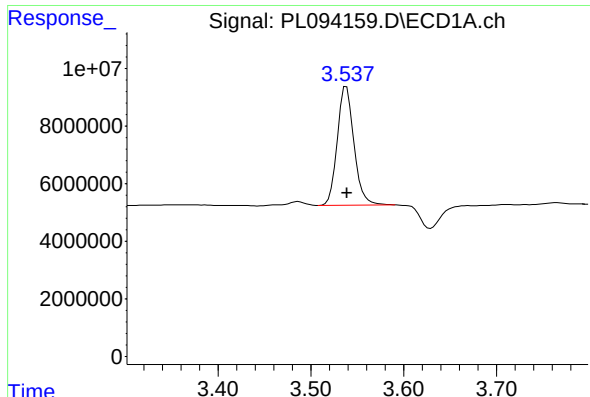
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 13 00:33:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL021225.M
Quant Title : GC Extractables
QLast Update : Tue Jan 21 14:58:05 2025
Response via : Initial Calibration
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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





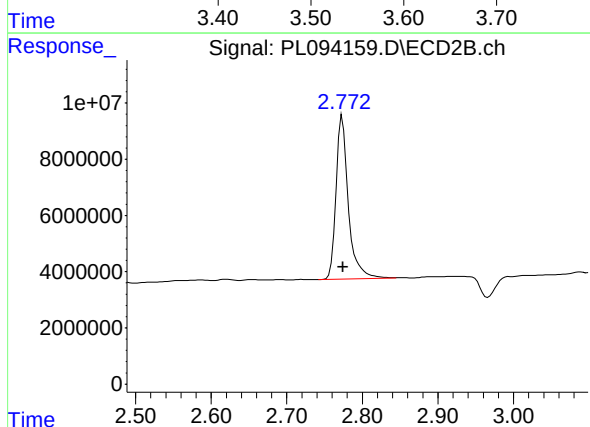
#1 Tetrachloro-m-xylene

R.T.: 3.537 min
Delta R.T.: -0.002 min
Response: 51736459
Conc: 19.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
346MSD

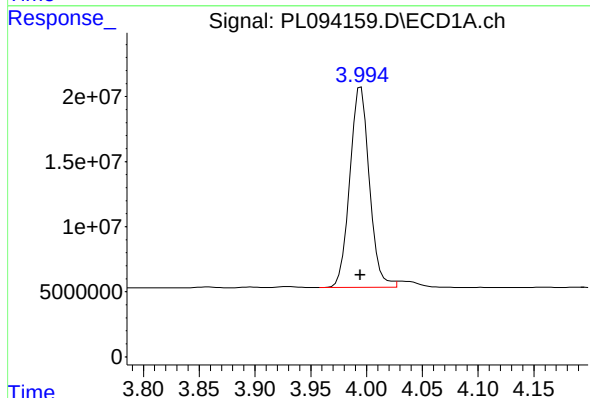
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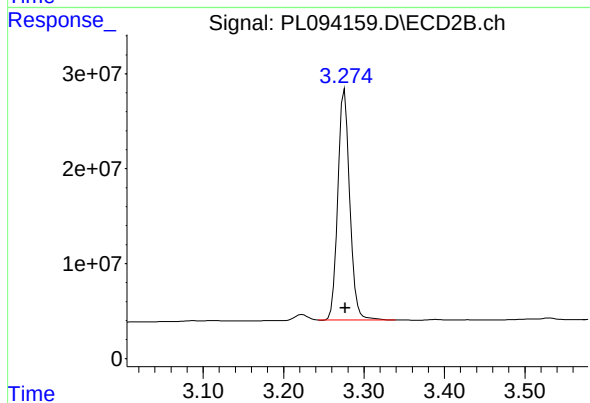
#1 Tetrachloro-m-xylene

R.T.: 2.774 min
Delta R.T.: 0.000 min
Response: 65939700
Conc: 20.20 ng/ml



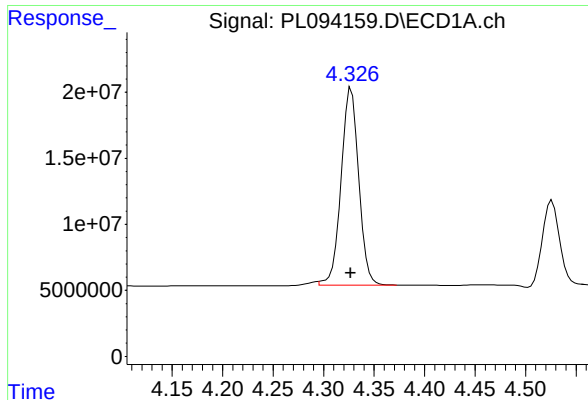
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: 0.000 min
Response: 188561765
Conc: 49.18 ng/ml m



#2 alpha-BHC

R.T.: 3.276 min
Delta R.T.: -0.001 min
Response: 251165816
Conc: 51.37 ng/ml



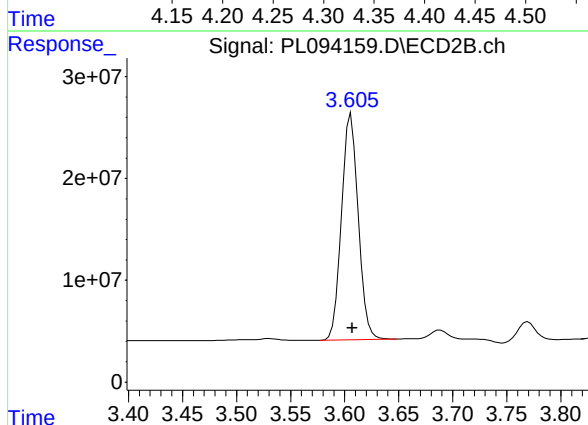
#3 gamma-BHC (Lindane)

R.T.: 4.326 min
Delta R.T.: -0.001 min
Response: 181243620
Conc: 49.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
346MSD

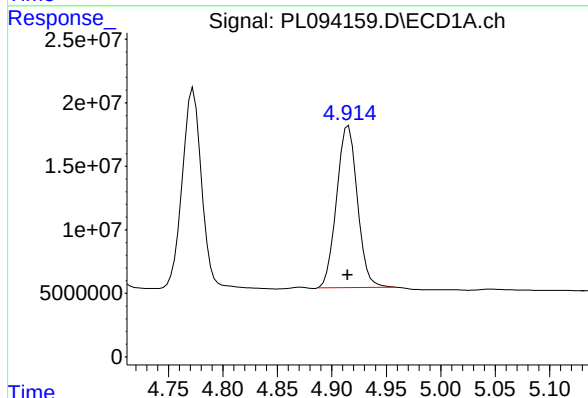
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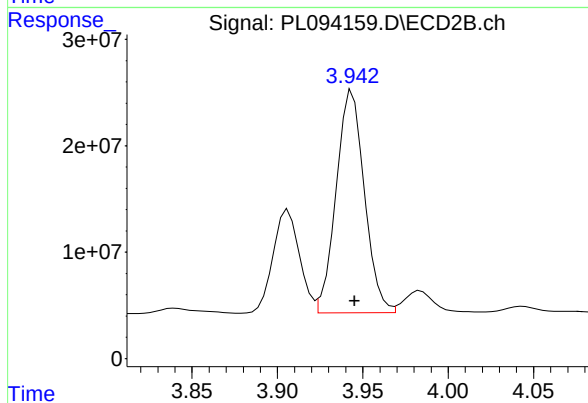
#3 gamma-BHC (Lindane)

R.T.: 3.606 min
Delta R.T.: -0.001 min
Response: 239178298
Conc: 50.45 ng/ml



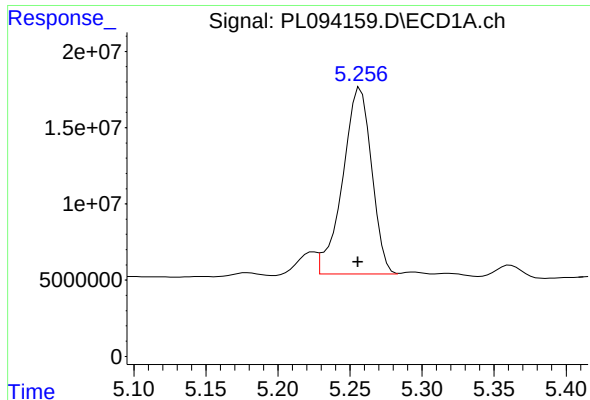
#4 Heptachlor

R.T.: 4.915 min
Delta R.T.: 0.000 min
Response: 168591526
Conc: 51.44 ng/ml



#4 Heptachlor

R.T.: 3.944 min
Delta R.T.: -0.001 min
Response: 240423976
Conc: 51.65 ng/ml



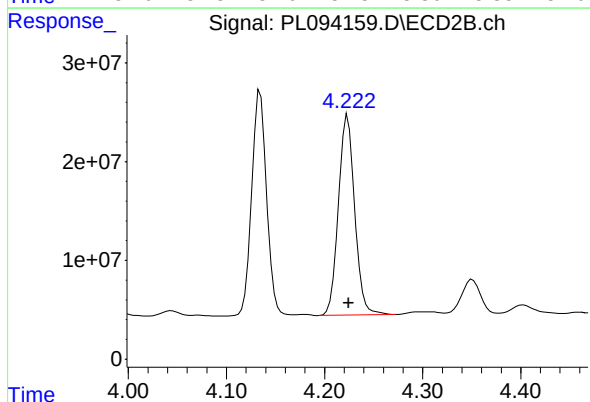
#5 Aldrin

R.T.: 5.256 min
Delta R.T.: 0.000 min
Response: 169247982
Conc: 51.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
346MSD

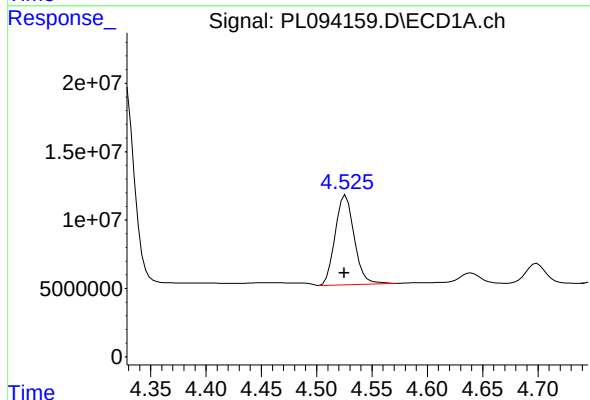
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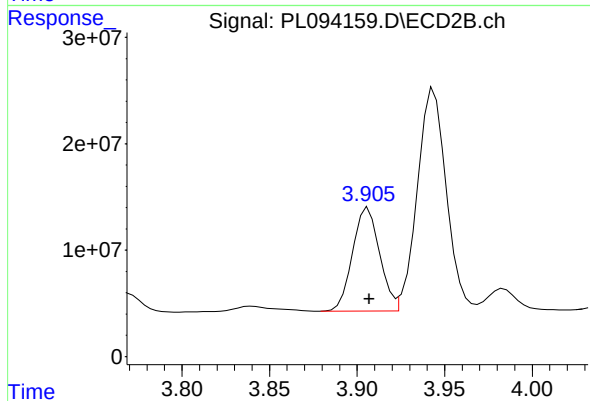
#5 Aldrin

R.T.: 4.223 min
Delta R.T.: -0.001 min
Response: 234085844
Conc: 51.31 ng/ml



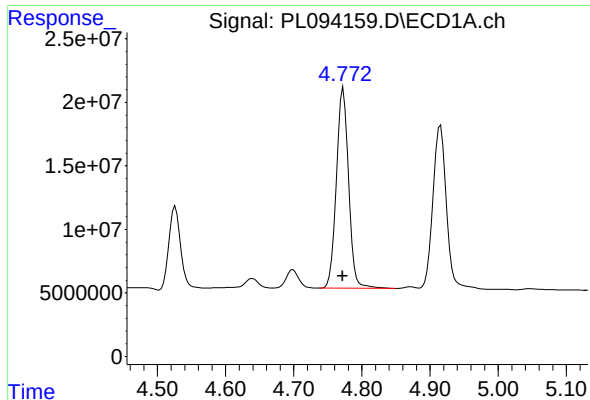
#6 beta-BHC

R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 79014186
Conc: 49.16 ng/ml m



#6 beta-BHC

R.T.: 3.906 min
Delta R.T.: 0.000 min
Response: 104746897
Conc: 52.44 ng/ml



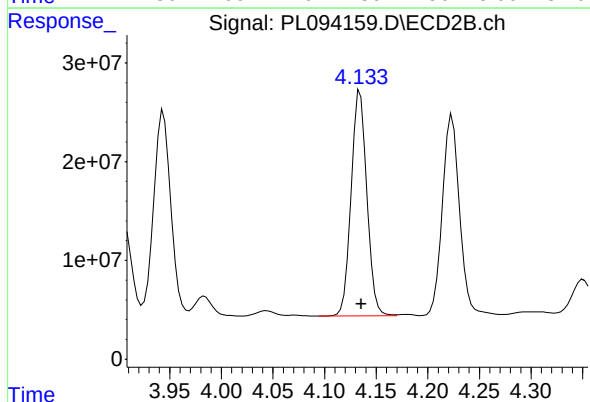
#7 delta-BHC

R.T.: 4.773 min
Delta R.T.: 0.001 min
Response: 196159586
Conc: 55.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
346MSD

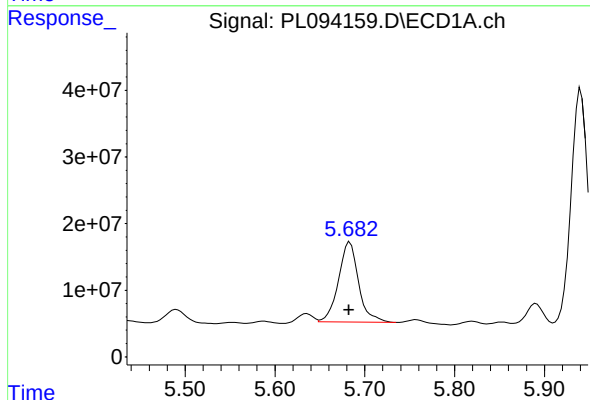
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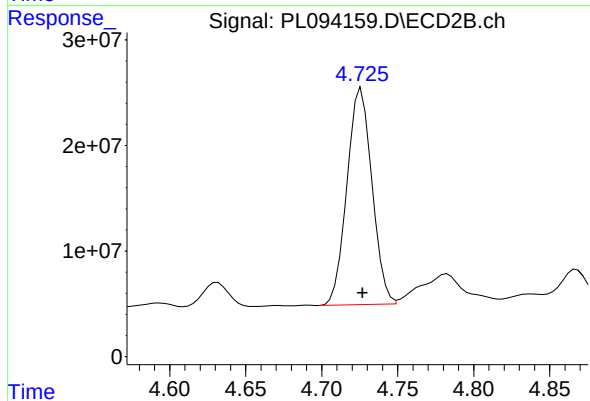
#7 delta-BHC

R.T.: 4.134 min
Delta R.T.: -0.001 min
Response: 241269693
Conc: 50.78 ng/ml



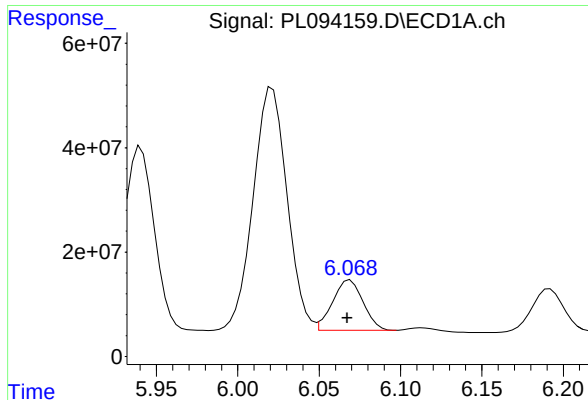
#8 Heptachlor epoxide

R.T.: 5.682 min
Delta R.T.: 0.000 min
Response: 185647818
Conc: 62.43 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.725 min
Delta R.T.: -0.002 min
Response: 236050335
Conc: 56.47 ng/ml m



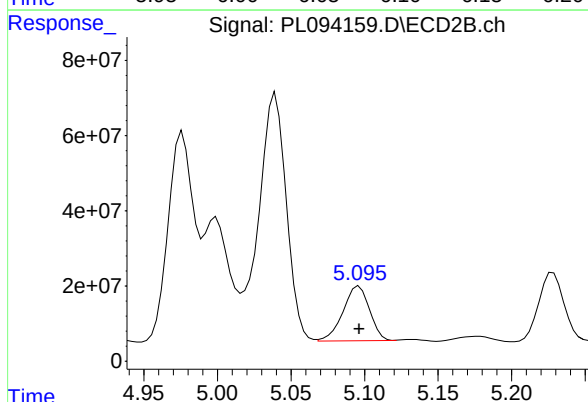
#9 Endosulfan I

R.T.: 6.069 min
Delta R.T.: 0.002 min
Response: 125570176
Conc: 47.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
346MSD

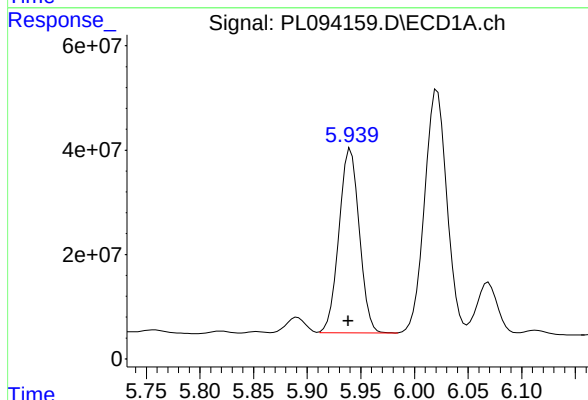
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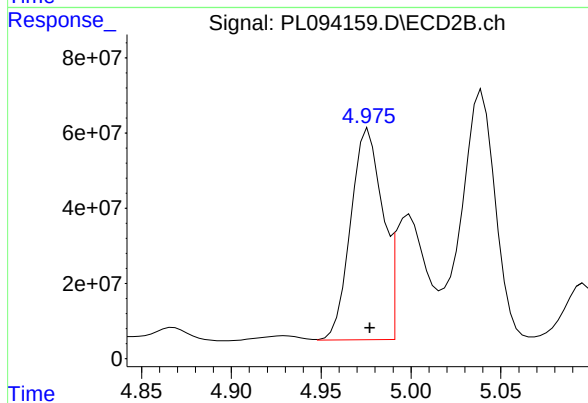
#9 Endosulfan I

R.T.: 5.096 min
Delta R.T.: 0.000 min
Response: 182580196
Conc: 47.09 ng/ml



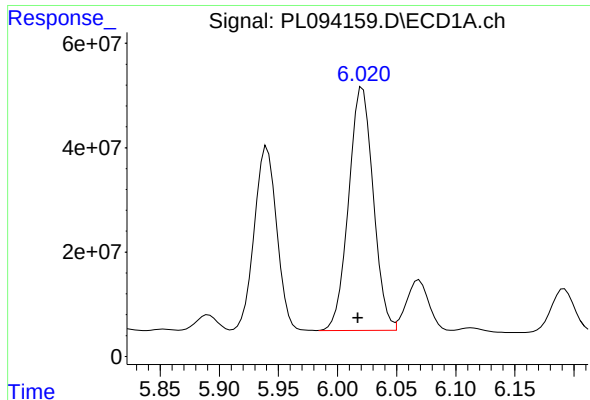
#10 gamma-Chlordane

R.T.: 5.940 min
Delta R.T.: 0.002 min
Response: 465271044
Conc: 166.92 ng/ml



#10 gamma-Chlordane

R.T.: 4.976 min
Delta R.T.: 0.000 min
Response: 688814292
Conc: 162.55 ng/ml



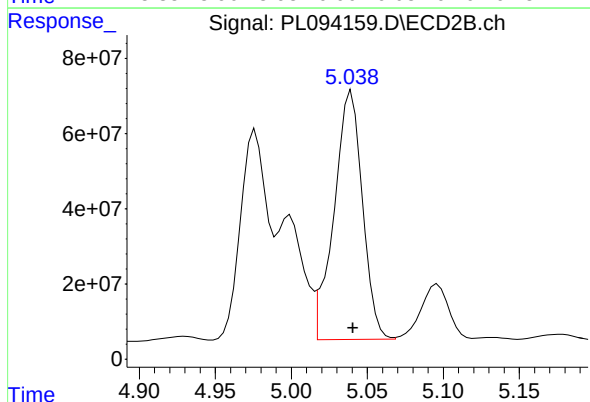
#11 alpha-Chlordane

R.T.: 6.021 min
Delta R.T.: 0.004 min
Response: 673956614
Conc: 241.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
346MSD

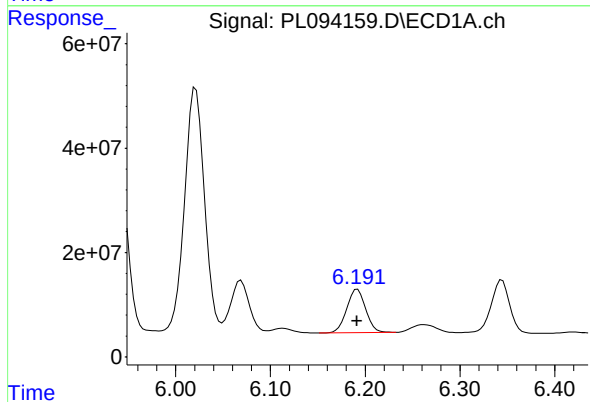
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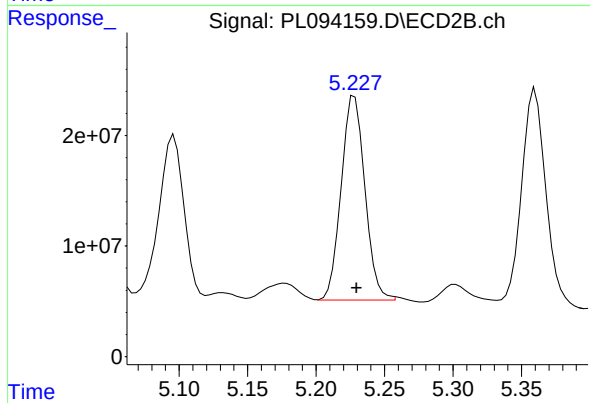
#11 alpha-Chlordane

R.T.: 5.040 min
Delta R.T.: 0.000 min
Response: 862398073
Conc: 205.99 ng/ml



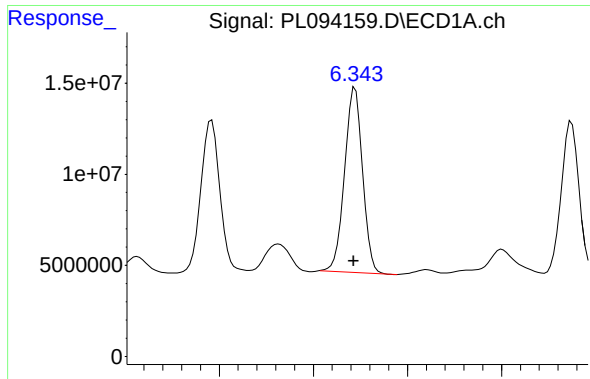
#12 4,4'-DDE

R.T.: 6.192 min
Delta R.T.: 0.000 min
Response: 115516573
Conc: 47.45 ng/ml



#12 4,4'-DDE

R.T.: 5.227 min
Delta R.T.: -0.003 min
Response: 223330846
Conc: 55.70 ng/ml m



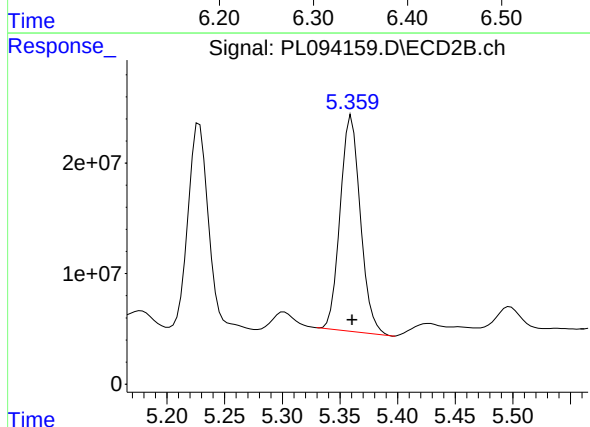
#13 Dieldrin

R.T.: 6.344 min
Delta R.T.: 0.002 min
Response: 134519526
Conc: 48.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
346MSD

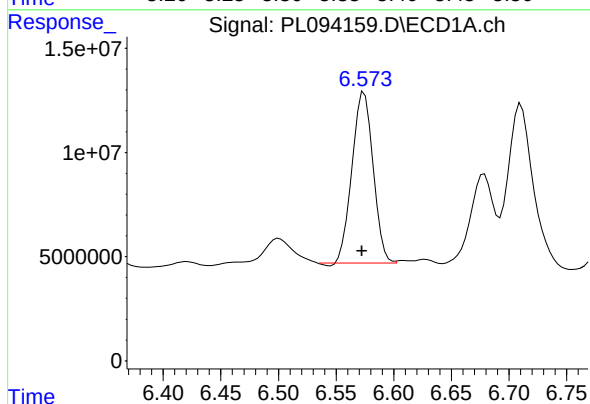
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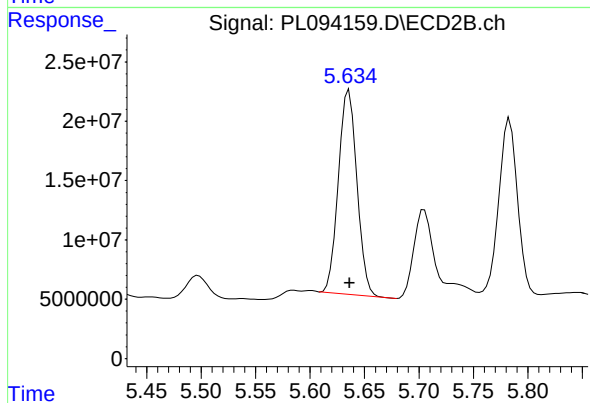
#13 Dieldrin

R.T.: 5.360 min
Delta R.T.: 0.000 min
Response: 236329699
Conc: 55.02 ng/ml



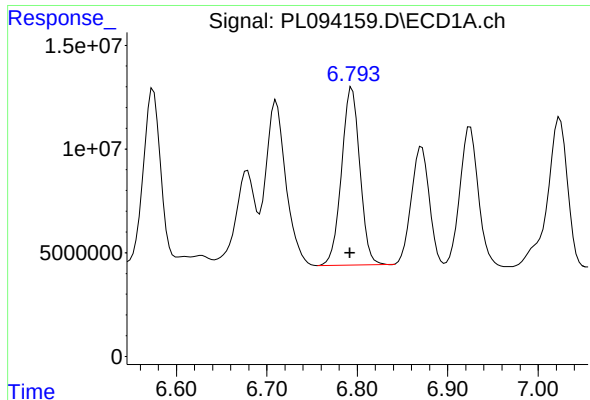
#14 Endrin

R.T.: 6.574 min
Delta R.T.: 0.002 min
Response: 103973506
Conc: 44.34 ng/ml



#14 Endrin

R.T.: 5.636 min
Delta R.T.: 0.000 min
Response: 202847091
Conc: 54.93 ng/ml



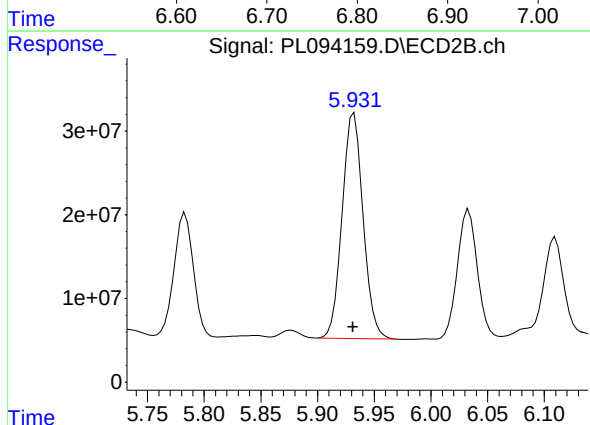
#15 Endosulfan II

R.T.: 6.794 min
Delta R.T.: 0.002 min
Response: 117427711
Conc: 48.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
346MSD

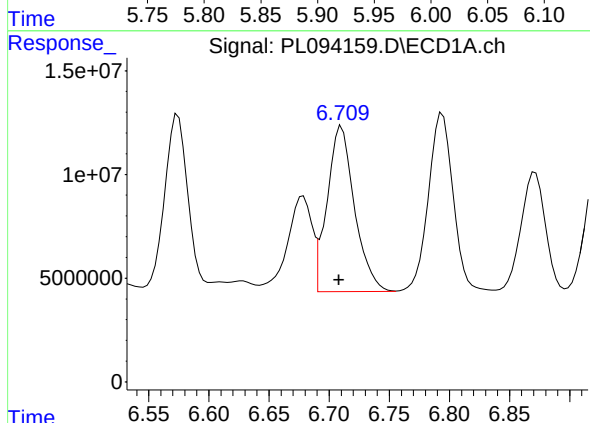
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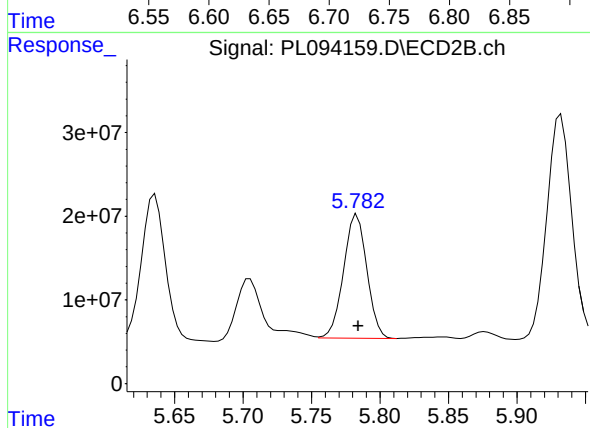
#15 Endosulfan II

R.T.: 5.932 min
Delta R.T.: 0.000 min
Response: 345625296
Conc: 93.32 ng/ml



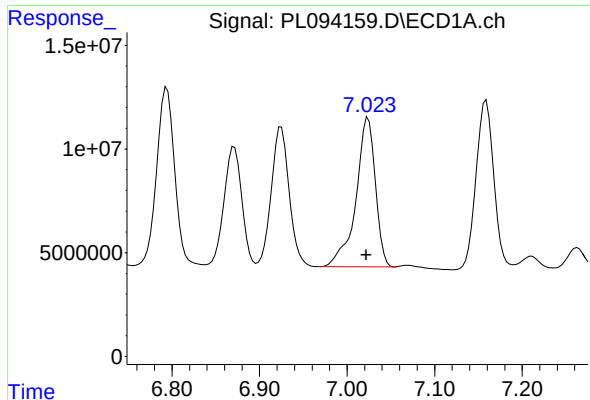
#16 4,4'-DDD

R.T.: 6.709 min
Delta R.T.: 0.000 min
Response: 124797162
Conc: 65.66 ng/ml m



#16 4,4'-DDD

R.T.: 5.782 min
Delta R.T.: -0.002 min
Response: 175009714
Conc: 55.44 ng/ml m



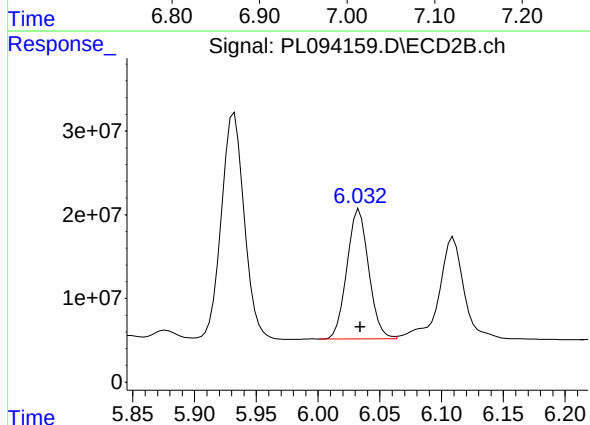
#17 4,4'-DDT

R.T.: 7.024 min
Delta R.T.: 0.002 min
Response: 111483622
Conc: 56.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
346MSD

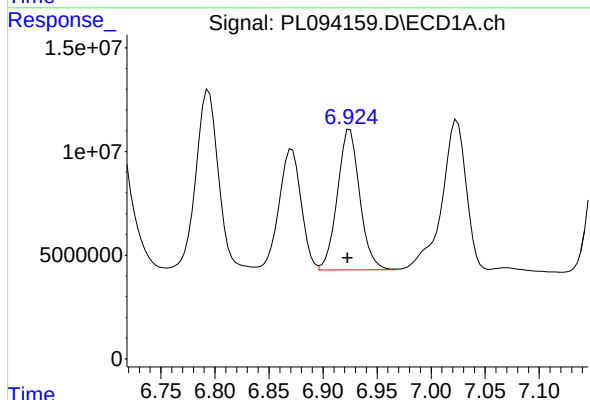
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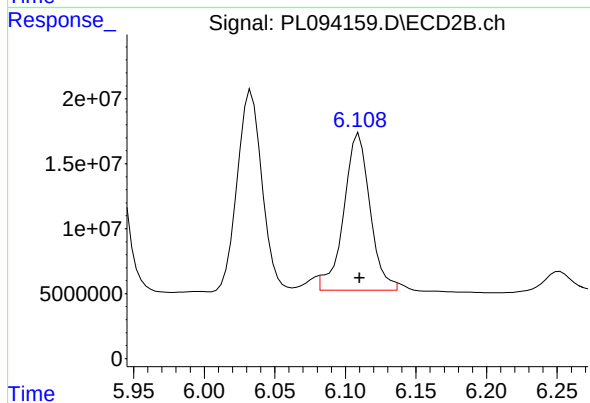
#17 4,4'-DDT

R.T.: 6.033 min
Delta R.T.: 0.000 min
Response: 190220951
Conc: 58.46 ng/ml



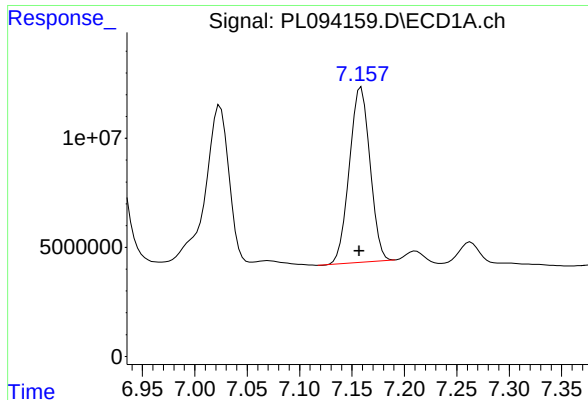
#18 Endrin aldehyde

R.T.: 6.923 min
Delta R.T.: 0.000 min
Response: 97045422
Conc: 49.92 ng/ml m



#18 Endrin aldehyde

R.T.: 6.108 min
Delta R.T.: -0.002 min
Response: 155905079
Conc: 51.21 ng/ml m



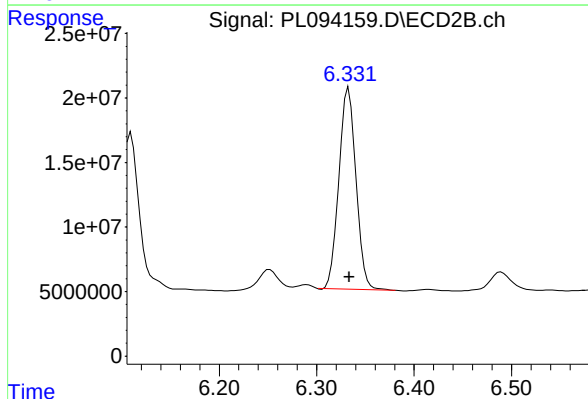
#19 Endosulfan Sulfate

R.T.: 7.159 min
Delta R.T.: 0.002 min
Response: 110418825
Conc: 48.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
346MSD

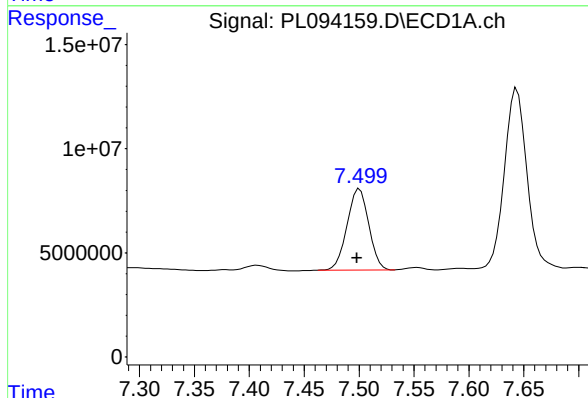
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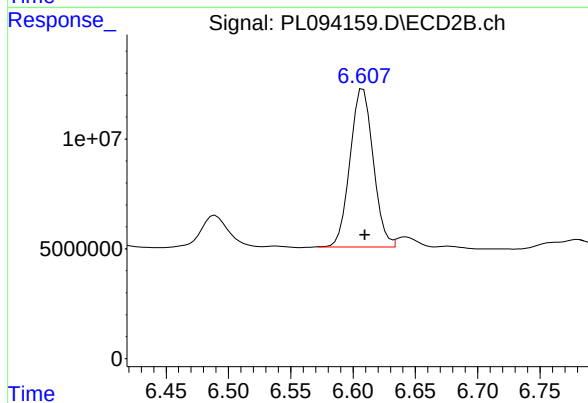
#19 Endosulfan Sulfate

R.T.: 6.333 min
Delta R.T.: 0.000 min
Response: 189861756
Conc: 53.24 ng/ml



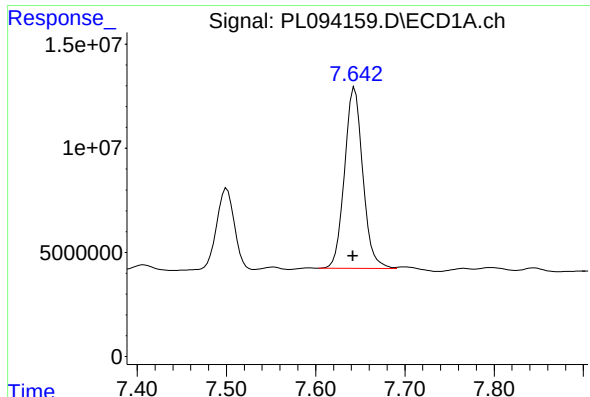
#20 Methoxychlor

R.T.: 7.500 min
Delta R.T.: 0.003 min
Response: 53662997
Conc: 51.43 ng/ml



#20 Methoxychlor

R.T.: 6.608 min
Delta R.T.: -0.001 min
Response: 93136392
Conc: 52.09 ng/ml



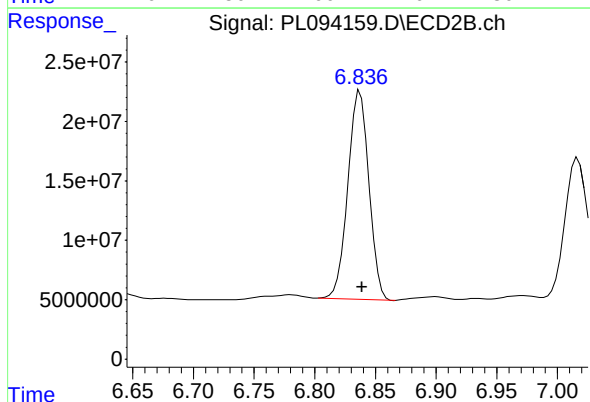
#21 Endrin ketone

R.T.: 7.644 min
Delta R.T.: 0.002 min
Response: 123836763
Conc: 49.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
346MSD

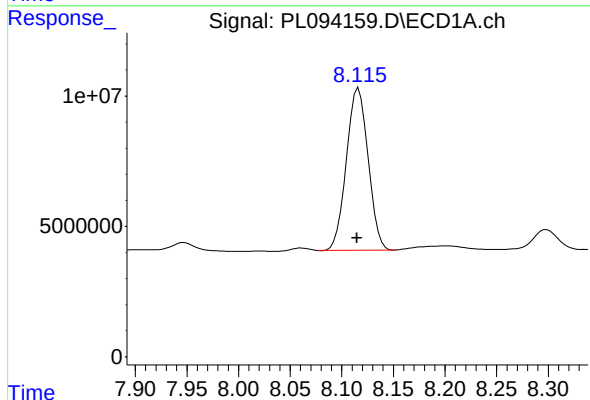
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Supervised By :Ankita Jodhani 02/13/2025



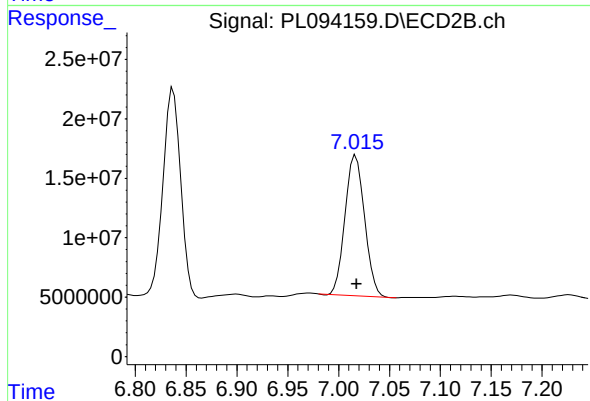
#21 Endrin ketone

R.T.: 6.837 min
Delta R.T.: -0.002 min
Response: 212319390
Conc: 50.61 ng/ml



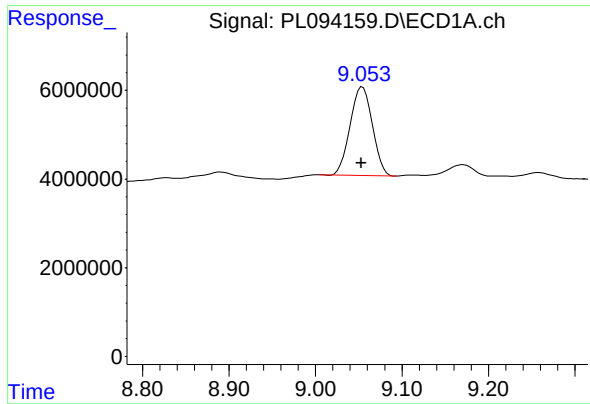
#22 Mirex

R.T.: 8.116 min
Delta R.T.: 0.002 min
Response: 91061548
Conc: 43.73 ng/ml



#22 Mirex

R.T.: 7.017 min
Delta R.T.: 0.000 min
Response: 157867246
Conc: 46.68 ng/ml



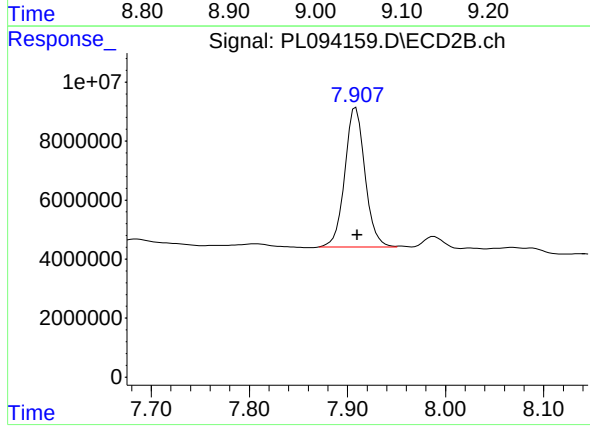
#28 Decachlorobiphenyl

R.T.: 9.054 min
Delta R.T.: 0.001 min
Response: 35629966
Conc: 17.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
346MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/13/2025
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#28 Decachlorobiphenyl

R.T.: 7.909 min
Delta R.T.: -0.001 min
Response: 67578376
Conc: 19.29 ng/ml