

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021225\
 Data File : PL094156.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Feb 2025 13:12
 Operator : AR\AJ
 Sample : PB166697BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB166697BS

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 00:32:19 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...	3.539	2.773	53039772	63090029	19.697	19.328
28) SA Decachlor...	9.056	7.907	41850487	73035453	20.006	20.843m
Target Compounds						
2) A alpha-BHC	3.995	3.275	181.0E6	244.9E6	47.212	50.092
3) MA gamma-BHC...	4.328	3.606	171.9E6	232.3E6	46.674	48.991
4) MA Heptachlor	4.916	3.943	166.1E6	237.1E6	50.673	50.945
5) MB Aldrin	5.258	4.223	157.5E6	224.5E6	48.146	49.212
6) B beta-BHC	4.527	3.905	78373079	101.5E6	48.760	50.821
7) B delta-BHC	4.773	4.134	164.8E6	226.6E6	47.026	47.690
8) B Heptachlo...	5.684	4.725	142.6E6	213.1E6	47.961	50.973
9) A Endosulfan I	6.070	5.095	127.8E6	204.1E6	48.345	52.639
10) B gamma-Chl...	5.940	4.975	138.8E6	224.8E6	49.811	53.043
11) B alpha-Chl...	6.019	5.039	137.4E6	219.1E6	49.263	52.333
12) B 4,4'-DDE	6.193	5.228	128.2E6	217.8E6	52.649	54.314
13) MA Dieldrin	6.344	5.359	132.9E6	224.1E6	47.868	52.175
14) MA Endrin	6.573	5.633	105.3E6	185.9E6	44.906m	50.345m
15) B Endosulfa...	6.795	5.930	114.1E6	199.9E6	47.364	53.958
16) A 4,4'-DDD	6.710	5.783	100.3E6	180.1E6	52.787	57.044
17) MA 4,4'-DDT	7.024	6.033	102.4E6	181.9E6	51.917	55.896
18) B Endrin al...	6.924	6.109	91278048	155.9E6	46.952	51.197
19) B Endosulfa...	7.159	6.332	105.9E6	189.9E6	46.778	53.248
20) A Methoxychlor	7.500	6.608	52269323	92030103	50.095	51.467
21) B Endrin ke...	7.644	6.837	119.7E6	226.3E6	47.455	53.945
22) Mirex	8.116	7.017	90210430	164.9E6	43.319	48.755

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021225\
Data File : PL094156.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Feb 2025 13:12
Operator : AR\AJ
Sample : PB166697BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB166697BS

Manual Integrations

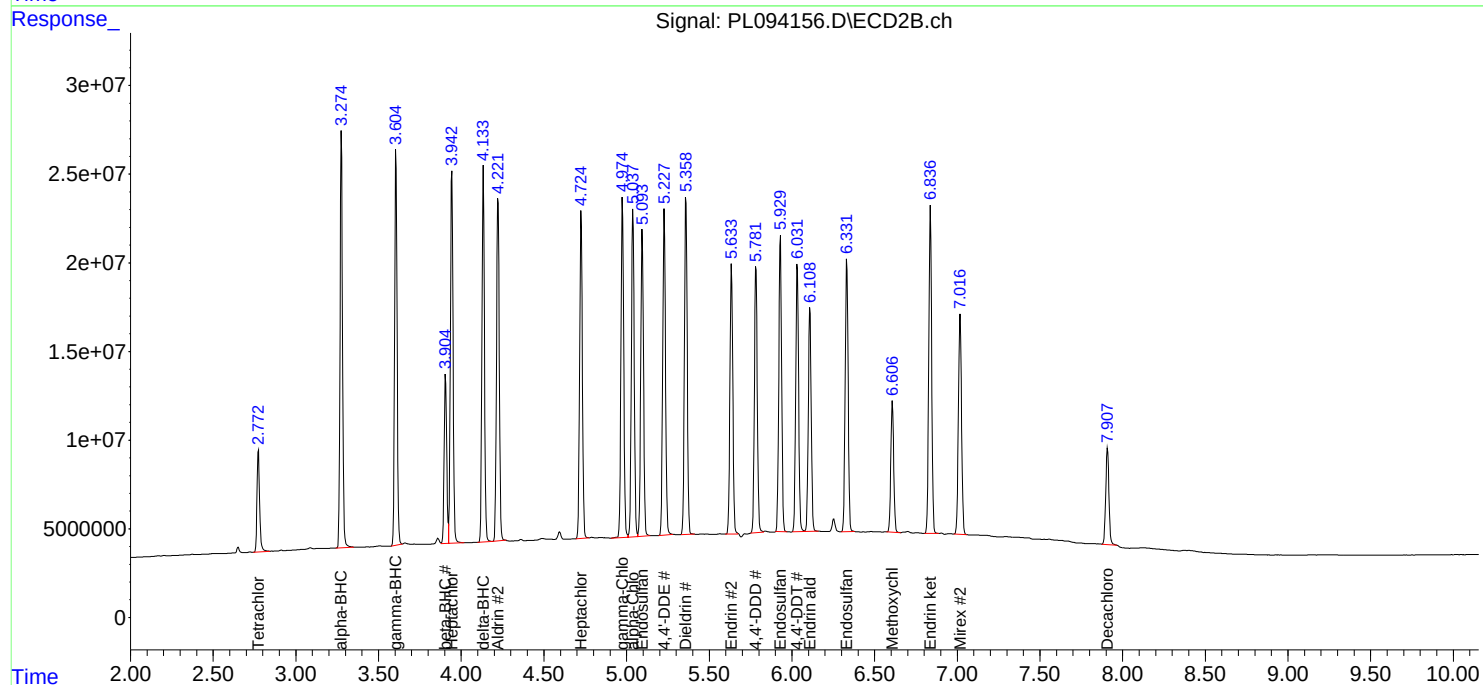
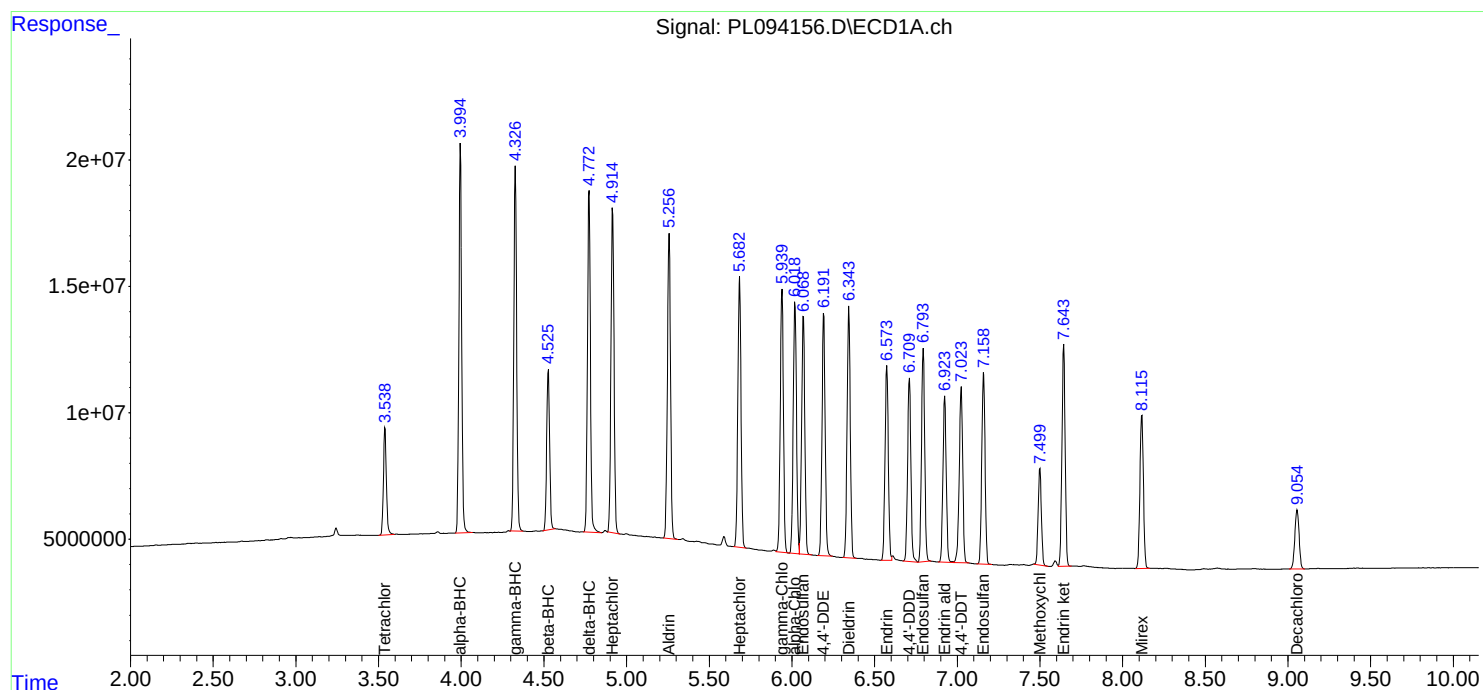
APPROVED

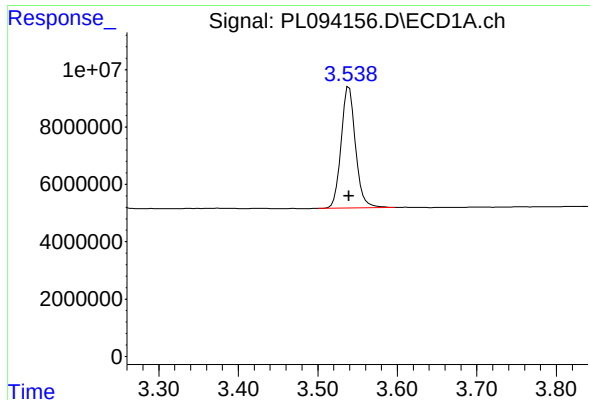
Reviewed By :Abdul Mirza 02/13/2025

Supervised By :Ankita Jodhani 02/13/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 13 00:32:19 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





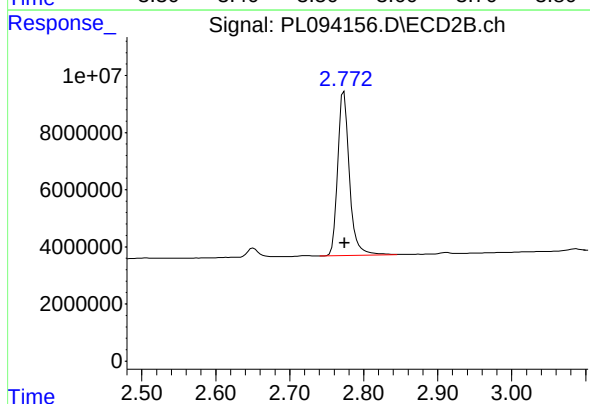
#1 Tetrachloro-m-xylene

R.T.: 3.539 min
Delta R.T.: 0.000 min
Response: 53039772
Conc: 19.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166697BS

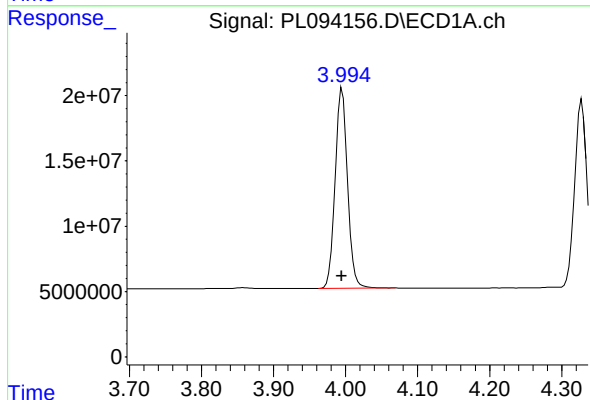
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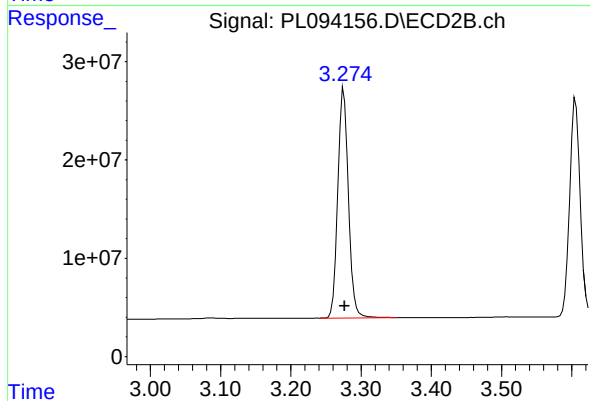
#1 Tetrachloro-m-xylene

R.T.: 2.773 min
Delta R.T.: -0.001 min
Response: 63090029
Conc: 19.33 ng/ml



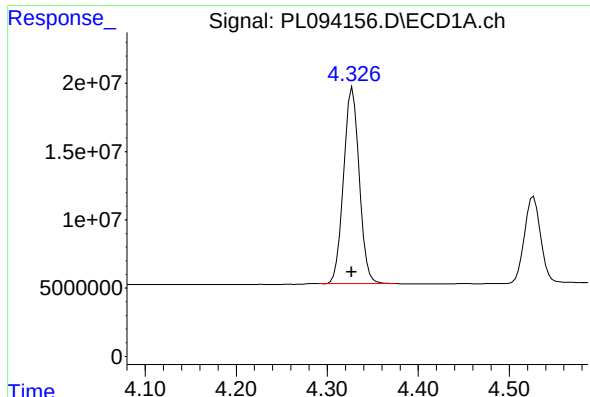
#2 alpha-BHC

R.T.: 3.995 min
Delta R.T.: 0.000 min
Response: 181003353
Conc: 47.21 ng/ml



#2 alpha-BHC

R.T.: 3.275 min
Delta R.T.: -0.002 min
Response: 244896721
Conc: 50.09 ng/ml



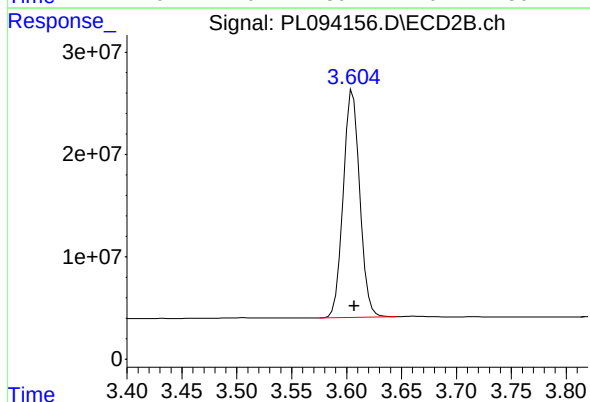
#3 gamma-BHC (Lindane)

R.T.: 4.328 min
Delta R.T.: 0.000 min
Response: 171893608
Conc: 46.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166697BS

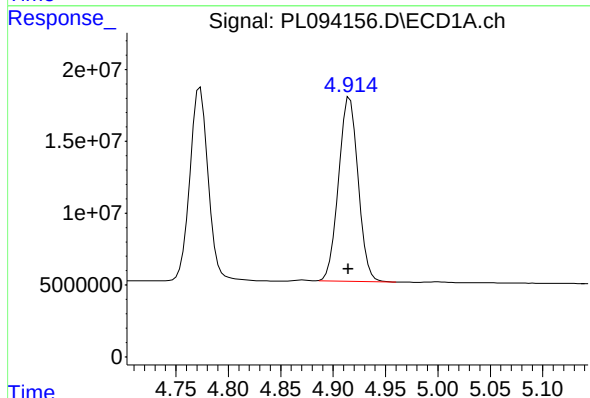
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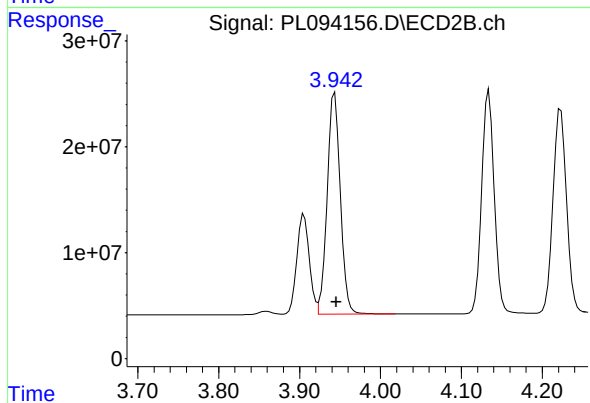
#3 gamma-BHC (Lindane)

R.T.: 3.606 min
Delta R.T.: -0.001 min
Response: 232276361
Conc: 48.99 ng/ml



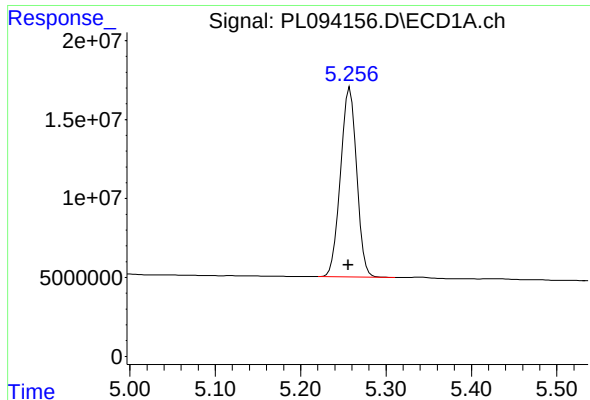
#4 Heptachlor

R.T.: 4.916 min
Delta R.T.: 0.001 min
Response: 166072888
Conc: 50.67 ng/ml



#4 Heptachlor

R.T.: 3.943 min
Delta R.T.: -0.002 min
Response: 237138458
Conc: 50.95 ng/ml



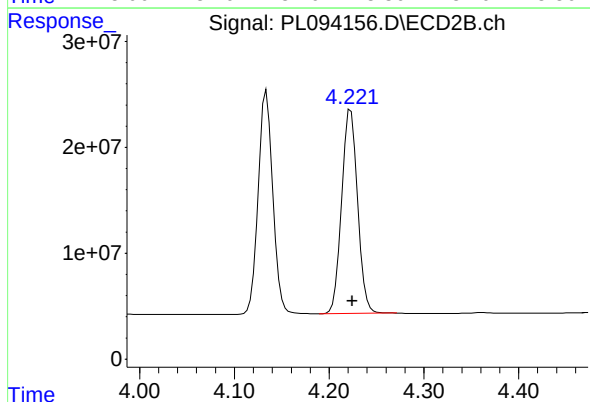
#5 Aldrin

R.T.: 5.258 min
Delta R.T.: 0.002 min
Response: 157533567
Conc: 48.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166697BS

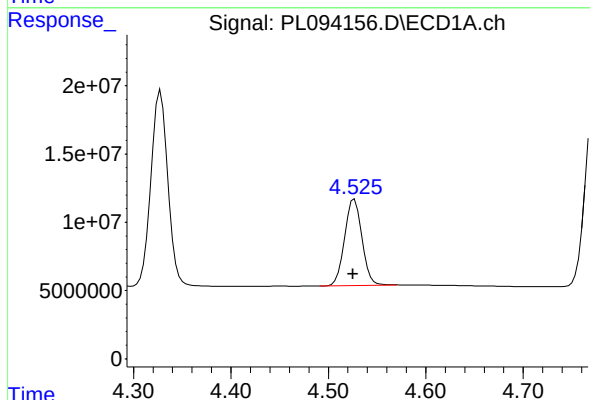
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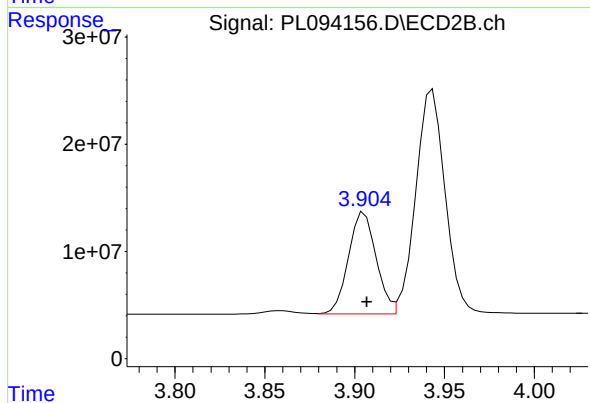
#5 Aldrin

R.T.: 4.223 min
Delta R.T.: -0.002 min
Response: 224492968
Conc: 49.21 ng/ml



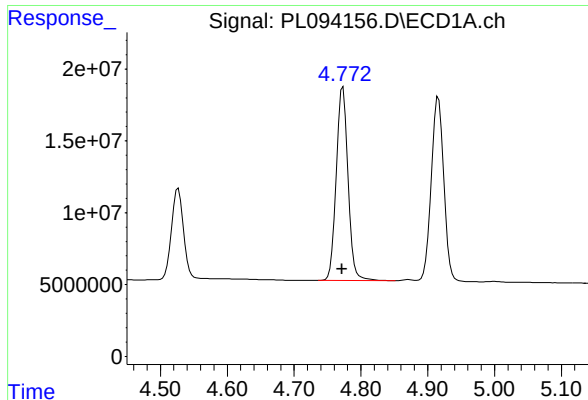
#6 beta-BHC

R.T.: 4.527 min
Delta R.T.: 0.002 min
Response: 78373079
Conc: 48.76 ng/ml



#6 beta-BHC

R.T.: 3.905 min
Delta R.T.: -0.002 min
Response: 101512588
Conc: 50.82 ng/ml



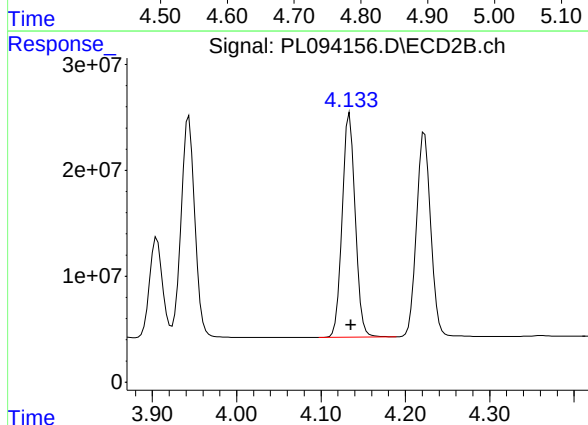
#7 delta-BHC

R.T.: 4.773 min
Delta R.T.: 0.001 min
Response: 164841158
Conc: 47.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166697BS

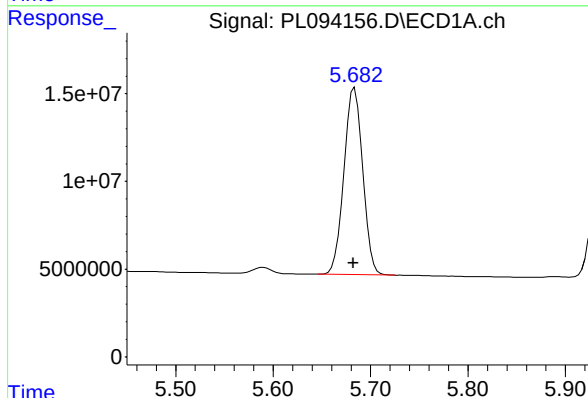
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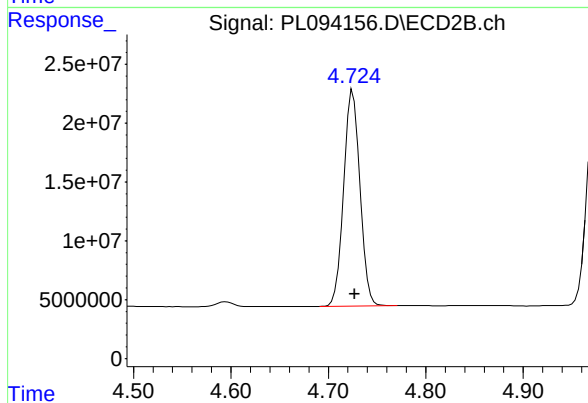
#7 delta-BHC

R.T.: 4.134 min
Delta R.T.: -0.002 min
Response: 226588334
Conc: 47.69 ng/ml



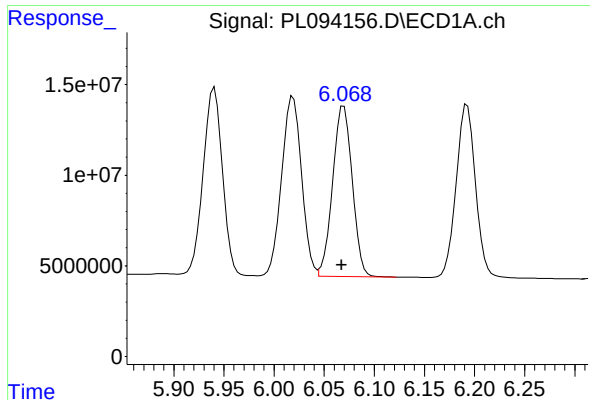
#8 Heptachlor epoxide

R.T.: 5.684 min
Delta R.T.: 0.001 min
Response: 142626896
Conc: 47.96 ng/ml



#8 Heptachlor epoxide

R.T.: 4.725 min
Delta R.T.: -0.002 min
Response: 213079850
Conc: 50.97 ng/ml



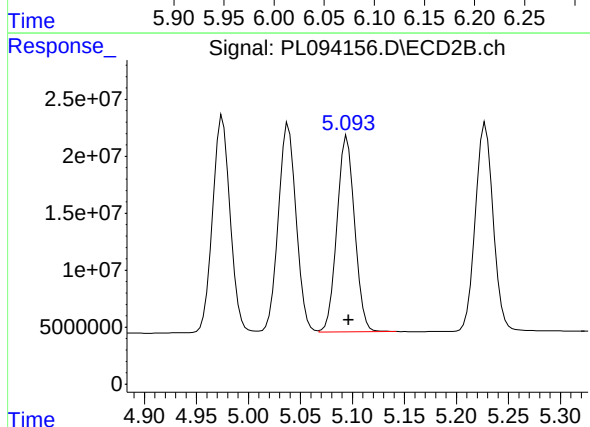
#9 Endosulfan I

R.T.: 6.070 min
Delta R.T.: 0.002 min
Response: 127767812
Conc: 48.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166697BS

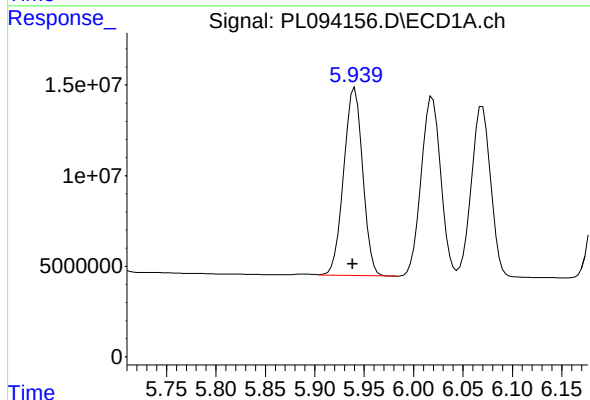
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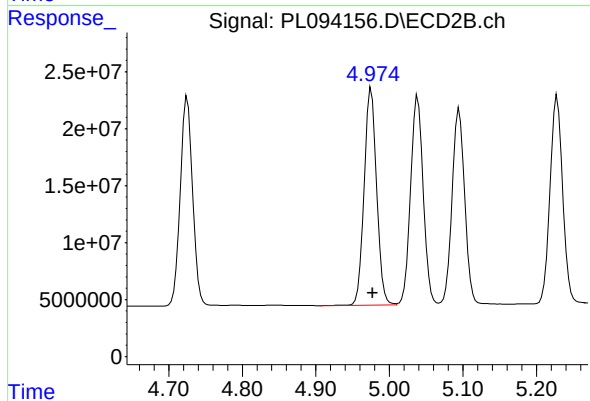
#9 Endosulfan I

R.T.: 5.095 min
Delta R.T.: -0.002 min
Response: 204077554
Conc: 52.64 ng/ml



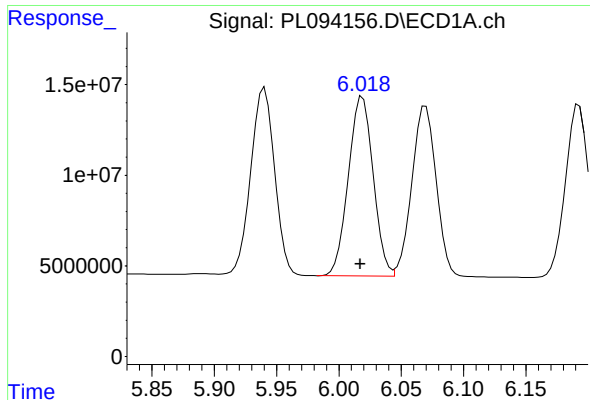
#10 gamma-Chlordane

R.T.: 5.940 min
Delta R.T.: 0.002 min
Response: 138842642
Conc: 49.81 ng/ml



#10 gamma-Chlordane

R.T.: 4.975 min
Delta R.T.: -0.002 min
Response: 224776987
Conc: 53.04 ng/ml



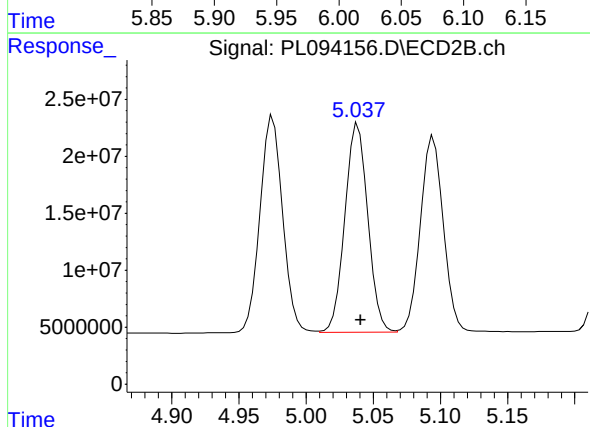
#11 alpha-Chlordane

R.T.: 6.019 min
Delta R.T.: 0.002 min
Response: 137366052
Conc: 49.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166697BS

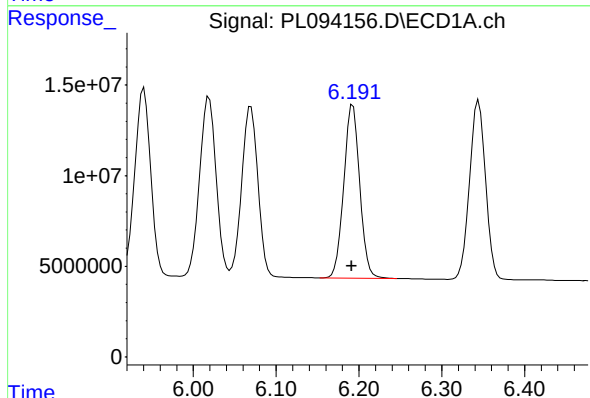
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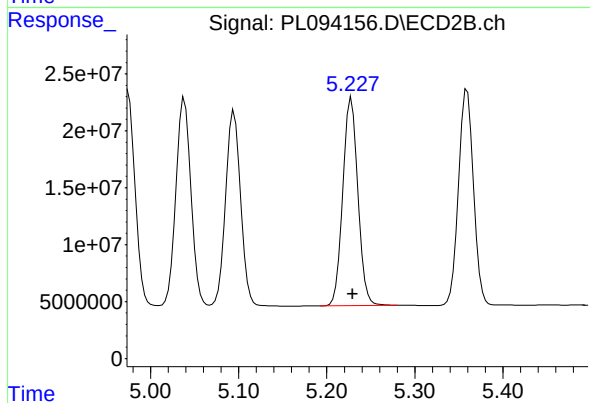
#11 alpha-Chlordane

R.T.: 5.039 min
Delta R.T.: -0.002 min
Response: 219096347
Conc: 52.33 ng/ml



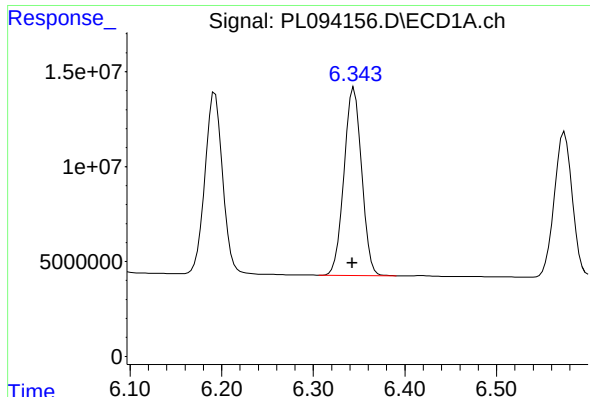
#12 4,4'-DDE

R.T.: 6.193 min
Delta R.T.: 0.001 min
Response: 128179684
Conc: 52.65 ng/ml



#12 4,4'-DDE

R.T.: 5.228 min
Delta R.T.: -0.002 min
Response: 217768917
Conc: 54.31 ng/ml



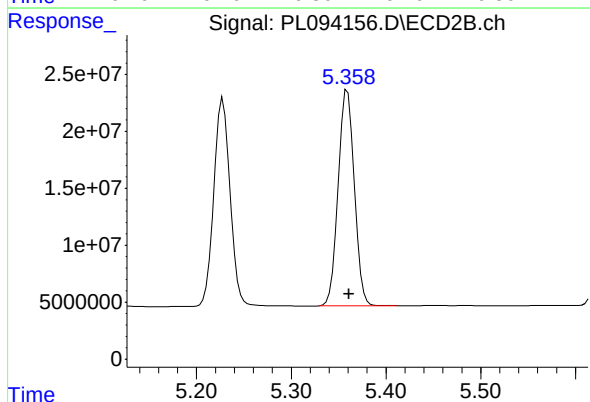
#13 Dieldrin

R.T.: 6.344 min
Delta R.T.: 0.002 min
Response: 132873623
Conc: 47.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166697BS

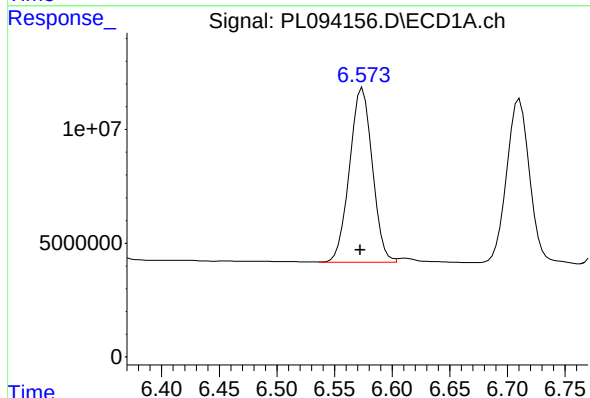
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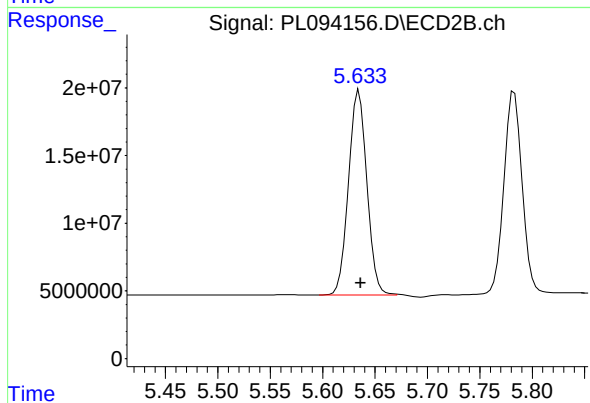
#13 Dieldrin

R.T.: 5.359 min
Delta R.T.: -0.001 min
Response: 224124929
Conc: 52.17 ng/ml



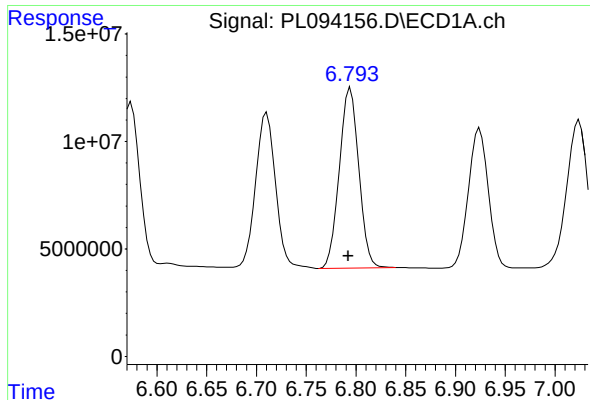
#14 Endrin

R.T.: 6.573 min
Delta R.T.: 0.000 min
Response: 105296948
Conc: 44.91 ng/ml m



#14 Endrin

R.T.: 5.633 min
Delta R.T.: -0.003 min
Response: 185909634
Conc: 50.35 ng/ml m



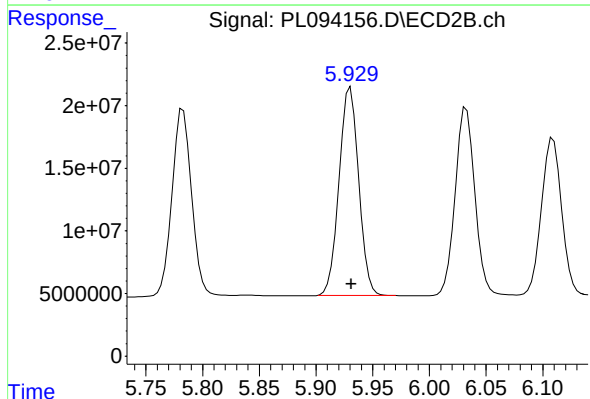
#15 Endosulfan II

R.T.: 6.795 min
Delta R.T.: 0.002 min
Response: 114116002
Conc: 47.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166697BS

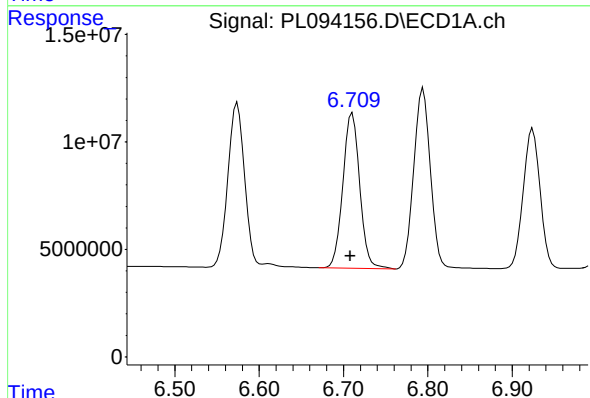
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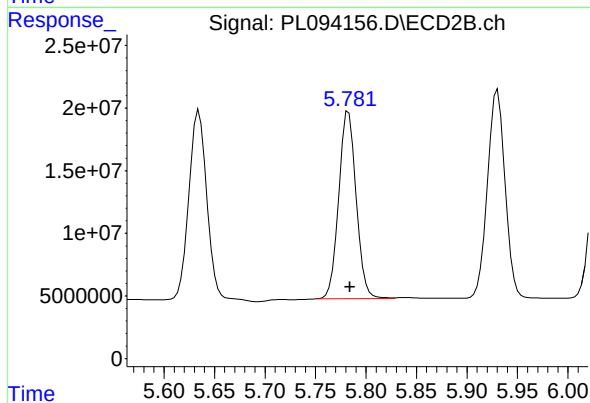
#15 Endosulfan II

R.T.: 5.930 min
Delta R.T.: -0.001 min
Response: 199852036
Conc: 53.96 ng/ml



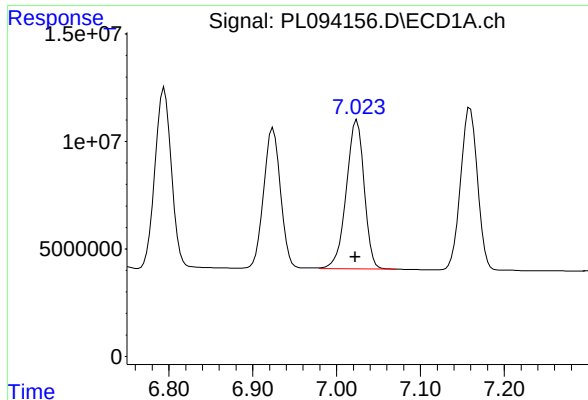
#16 4,4'-DDD

R.T.: 6.710 min
Delta R.T.: 0.002 min
Response: 100324566
Conc: 52.79 ng/ml



#16 4,4'-DDD

R.T.: 5.783 min
Delta R.T.: -0.001 min
Response: 180061218
Conc: 57.04 ng/ml



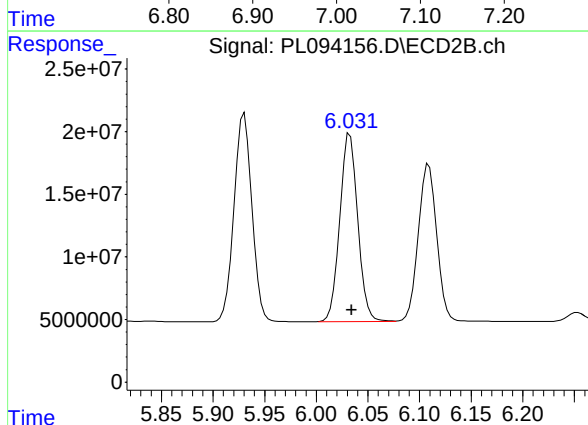
#17 4,4'-DDT

R.T.: 7.024 min
Delta R.T.: 0.002 min
Response: 102382344
Conc: 51.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166697BS

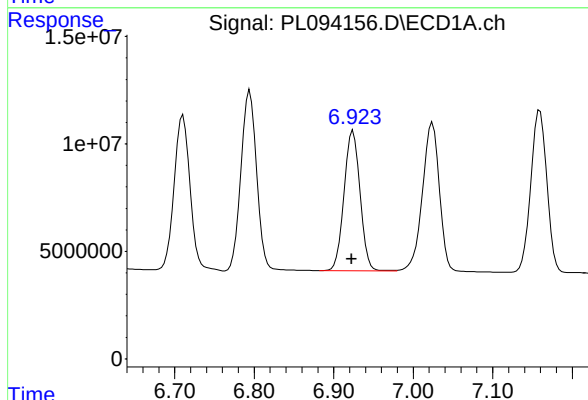
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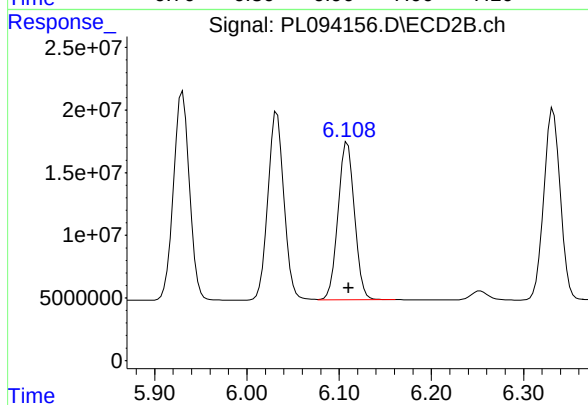
#17 4,4'-DDT

R.T.: 6.033 min
Delta R.T.: -0.002 min
Response: 181887232
Conc: 55.90 ng/ml



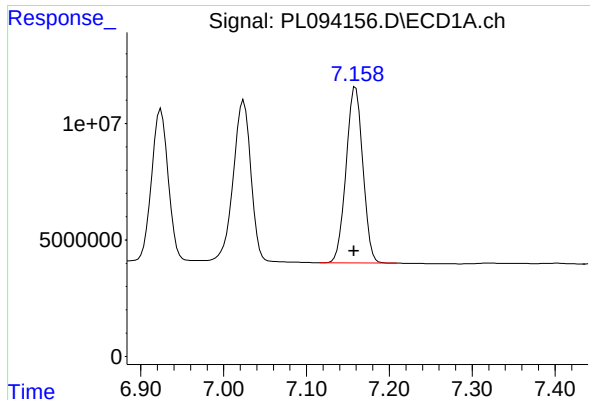
#18 Endrin aldehyde

R.T.: 6.924 min
Delta R.T.: 0.002 min
Response: 91278048
Conc: 46.95 ng/ml



#18 Endrin aldehyde

R.T.: 6.109 min
Delta R.T.: -0.001 min
Response: 155876870
Conc: 51.20 ng/ml



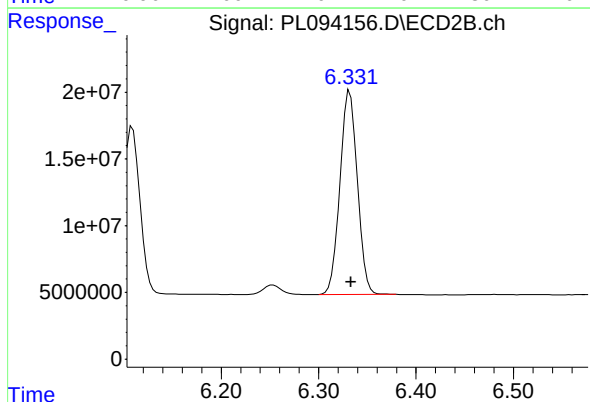
#19 Endosulfan Sulfate

R.T.: 7.159 min
Delta R.T.: 0.002 min
Response: 105894357
Conc: 46.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166697BS

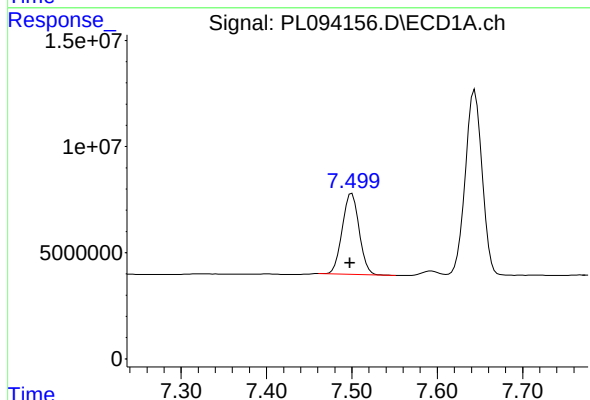
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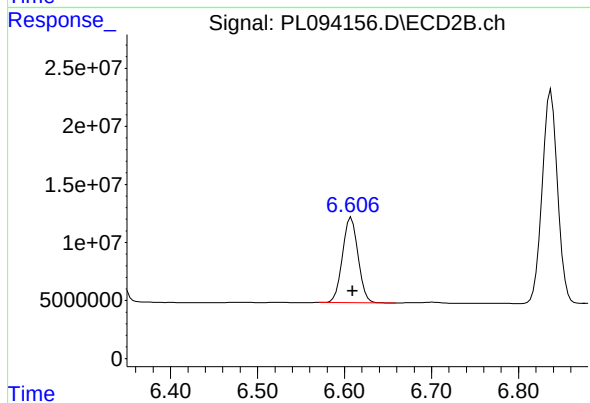
#19 Endosulfan Sulfate

R.T.: 6.332 min
Delta R.T.: -0.001 min
Response: 189886502
Conc: 53.25 ng/ml



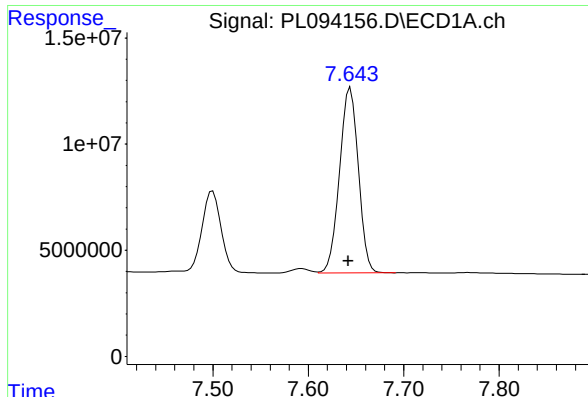
#20 Methoxychlor

R.T.: 7.500 min
Delta R.T.: 0.002 min
Response: 52269323
Conc: 50.10 ng/ml



#20 Methoxychlor

R.T.: 6.608 min
Delta R.T.: -0.002 min
Response: 92030103
Conc: 51.47 ng/ml



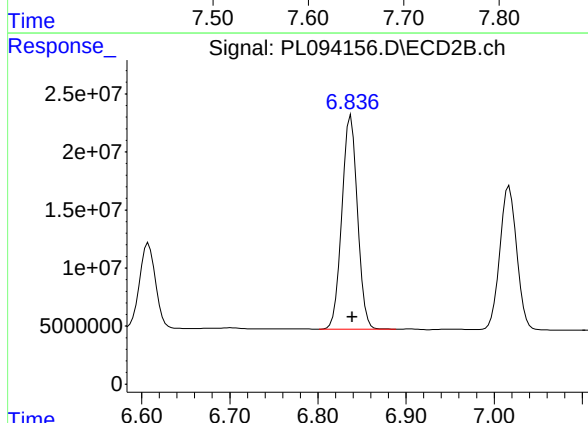
#21 Endrin ketone

R.T.: 7.644 min
Delta R.T.: 0.002 min
Response: 119710424
Conc: 47.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166697BS

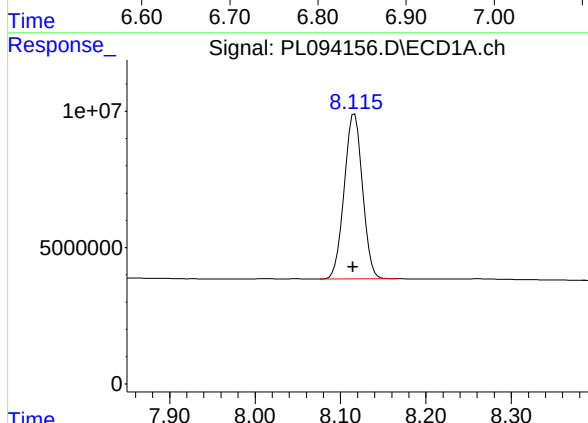
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Reviewed By :Abdul Mirza 02/13/2025
Supervised By :Ankita Jodhani 02/13/2025



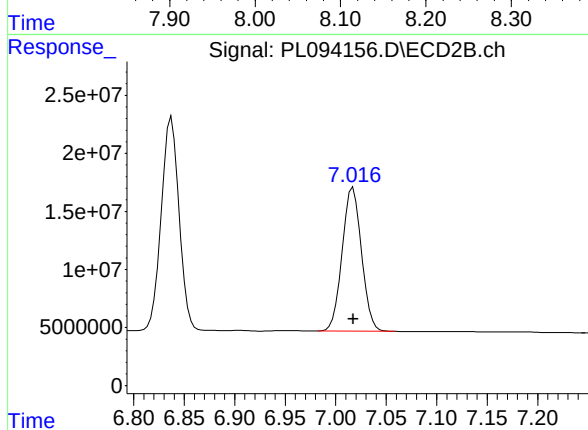
#21 Endrin ketone

R.T.: 6.837 min
Delta R.T.: -0.002 min
Response: 226313065
Conc: 53.95 ng/ml



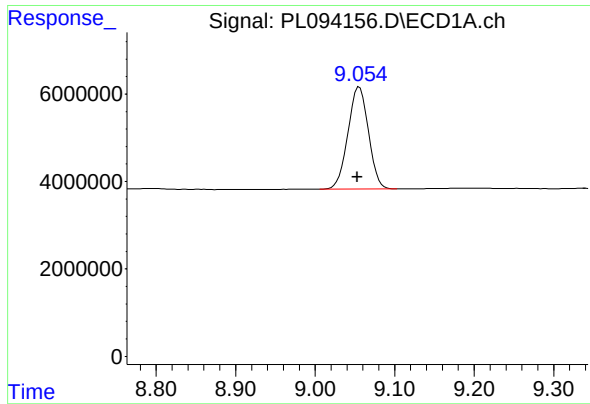
#22 Mirex

R.T.: 8.116 min
Delta R.T.: 0.002 min
Response: 90210430
Conc: 43.32 ng/ml



#22 Mirex

R.T.: 7.017 min
Delta R.T.: 0.000 min
Response: 164883480
Conc: 48.75 ng/ml



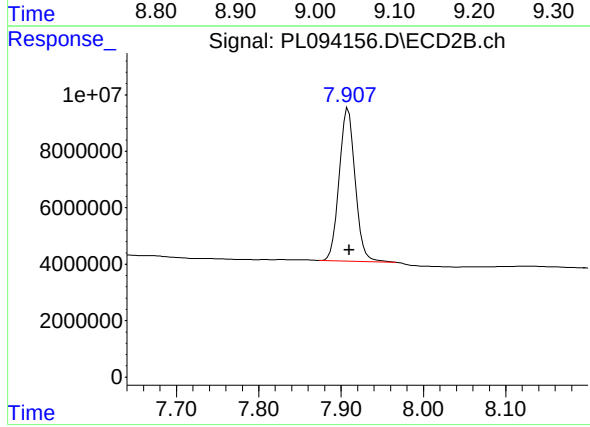
#28 Decachlorobiphenyl

R.T.: 9.056 min
Delta R.T.: 0.003 min
Response: 41850487
Conc: 20.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166697BS

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 7.907 min
Delta R.T.: -0.003 min
Response: 73035453
Conc: 20.84 ng/ml m