

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022725\
 Data File : PL094440.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Feb 2025 21:35
 Operator : AR\AJ
 Sample : Q1421-06MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 P001-CLAY-CF01-01MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/02/2025
 Supervised By :Ankita Jodhani 03/04/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 27 22:20:33 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	65248736	82210016	25.698	25.762
28) SA Decachlor...	9.054	7.907	54643699	99131682	25.687	25.778
Target Compounds						
2) A alpha-BHC	3.994	3.274	220.0E6	294.7E6	58.150	59.960
3) MA gamma-BHC...	4.325	3.604	216.0E6	279.0E6	58.463m	59.245
4) MA Heptachlor	4.914	3.942	193.5E6	272.0E6	57.081	57.619
5) MB Aldrin	5.255	4.221	186.9E6	256.4E6	54.450	55.486
6) B beta-BHC	4.525	3.904	91457518	119.7E6	57.272	60.169
7) B delta-BHC	4.770	4.132	210.0E6	282.4E6	59.357m	59.635
8) B Heptachlo...	5.682	4.723	174.9E6	250.9E6	58.030	58.964
9) A Endosulfan I	6.067	5.093	159.1E6	241.3E6	57.889	60.527
10) B gamma-Chl...	5.939	4.973	172.1E6	263.5E6	58.622	60.721
11) B alpha-Chl...	6.017	5.037	169.9E6	260.3E6	58.660	60.283
12) B 4,4'-DDE	6.191	5.226	159.7E6	258.1E6	61.140	61.457
13) MA Dieldrin	6.343	5.357	167.4E6	268.7E6	58.761	61.311
14) MA Endrin	6.572	5.631	139.8E6	241.3E6	54.769m	70.886m#
15) B Endosulfa...	6.794	5.928	142.6E6	239.1E6	56.634	63.929
16) A 4,4'-DDD	6.709	5.781	125.6E6	213.9E6	67.905	67.139
17) MA 4,4'-DDT	7.023	6.031	129.9E6	226.4E6	61.841	63.655
18) B Endrin al...	6.923	6.108	106.2E6	179.7E6	54.530	56.847
19) B Endosulfa...	7.158	6.330	129.2E6	224.6E6	57.060	60.794
20) A Methoxychlor	7.499	6.606	65807571	117.8E6	59.231	60.392
21) B Endrin ke...	7.644	6.836	142.3E6	263.1E6	56.767	61.650
22) Mirex	8.116	7.015	104.7E6	194.6E6	50.744	55.802

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022725\
Data File : PL094440.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Feb 2025 21:35
Operator : AR\AJ
Sample : Q1421-06MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

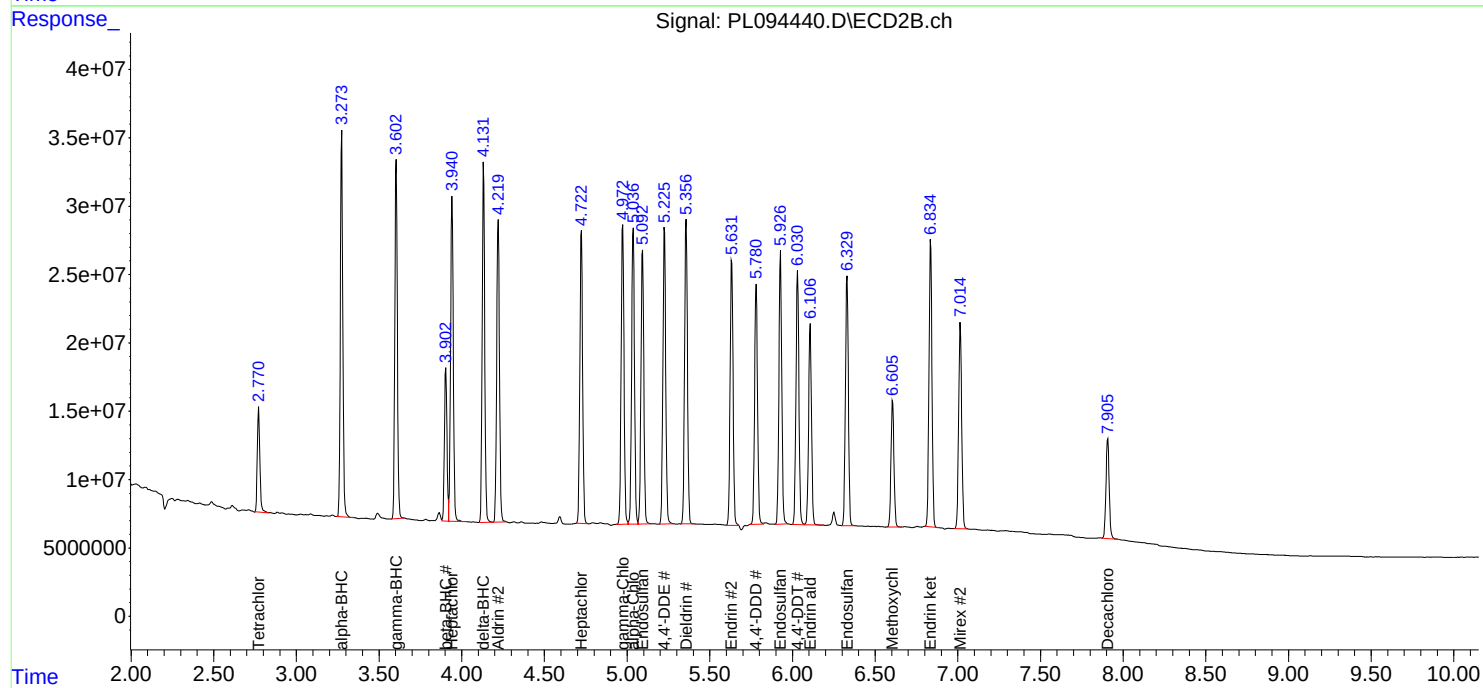
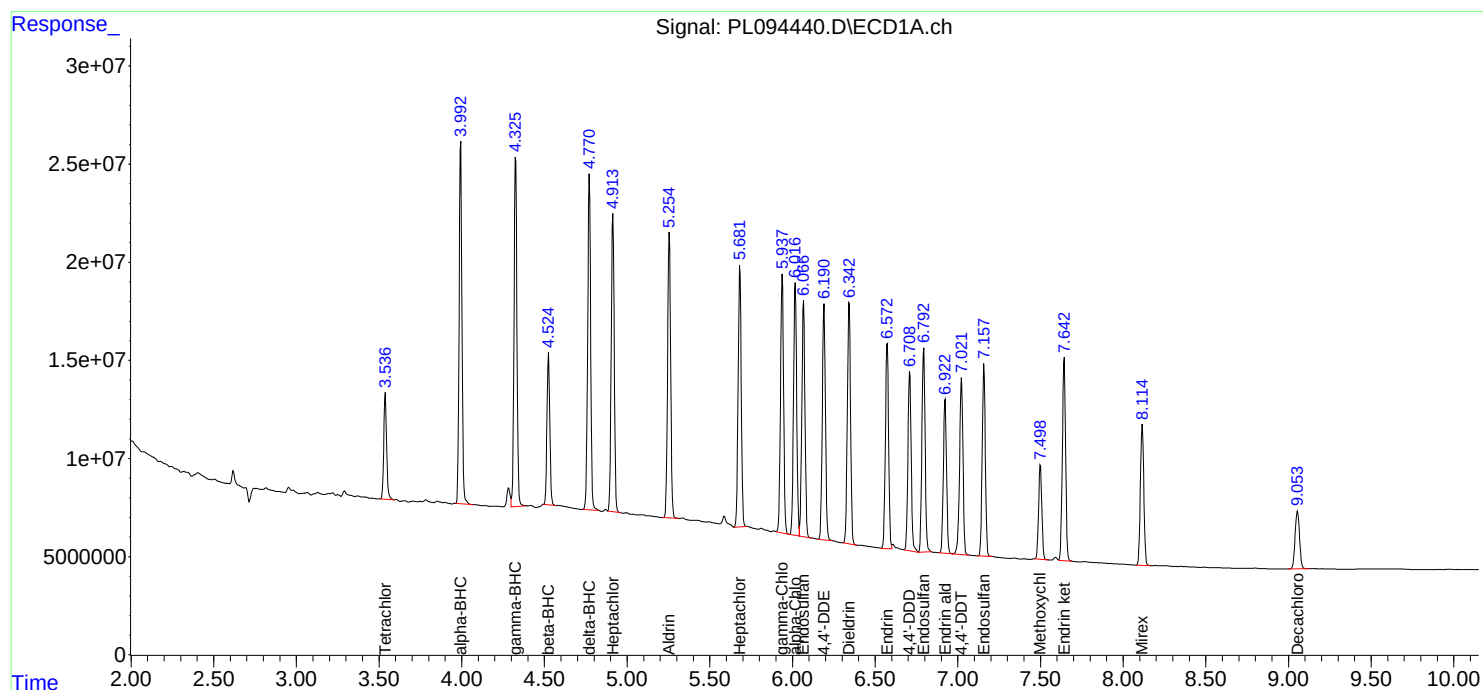
Instrument :
ECD_L
ClientSampleId :
P001-CLAY-CF01-01MSD

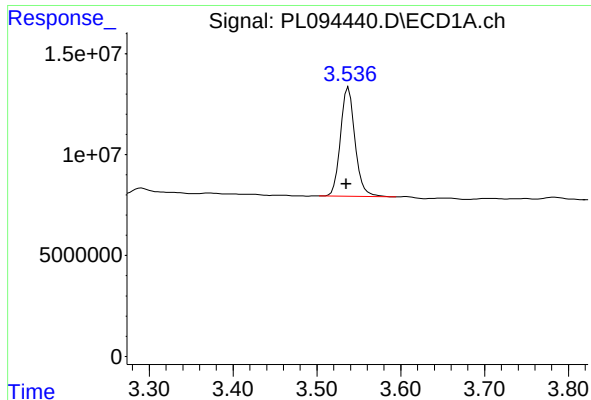
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/02/2025
Supervised By :Ankita Jodhani 03/04/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 27 22:20:33 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





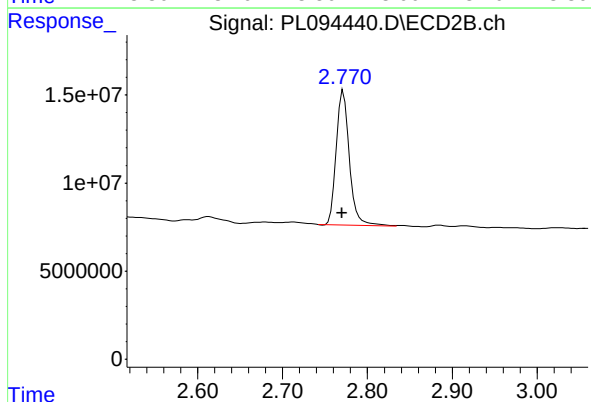
#1 Tetrachloro-m-xylene

R.T.: 3.538 min
Delta R.T.: 0.003 min
Response: 65248736
Conc: 25.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-CLAY-CF01-01MSD

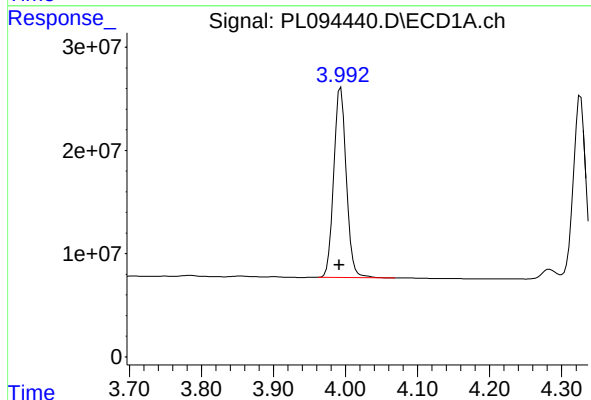
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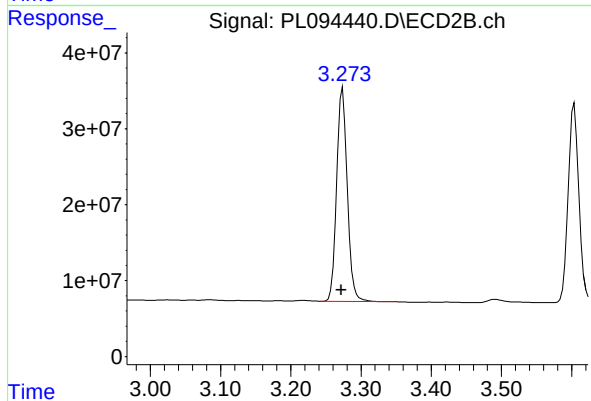
#1 Tetrachloro-m-xylene

R.T.: 2.772 min
Delta R.T.: 0.001 min
Response: 82210016
Conc: 25.76 ng/ml



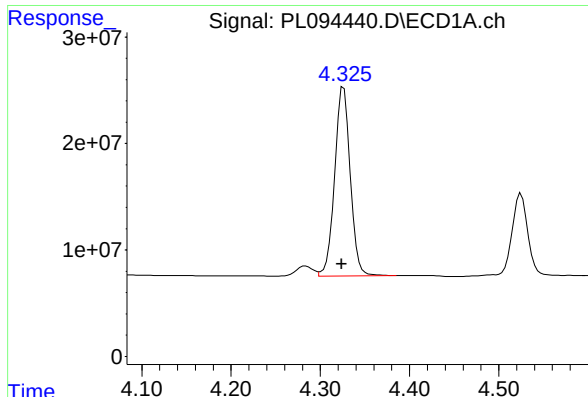
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: 0.002 min
Response: 219962755
Conc: 58.15 ng/ml



#2 alpha-BHC

R.T.: 3.274 min
Delta R.T.: 0.002 min
Response: 294692894
Conc: 59.96 ng/ml



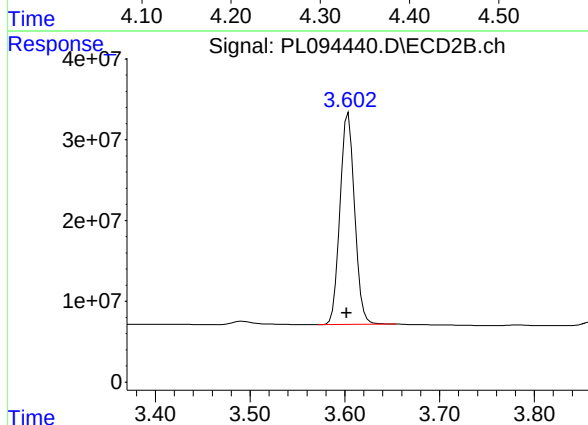
#3 gamma-BHC (Lindane)

R.T.: 4.325 min
Delta R.T.: 0.001 min
Response: 216005177
Conc: 58.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-CLAY-CF01-01MSD

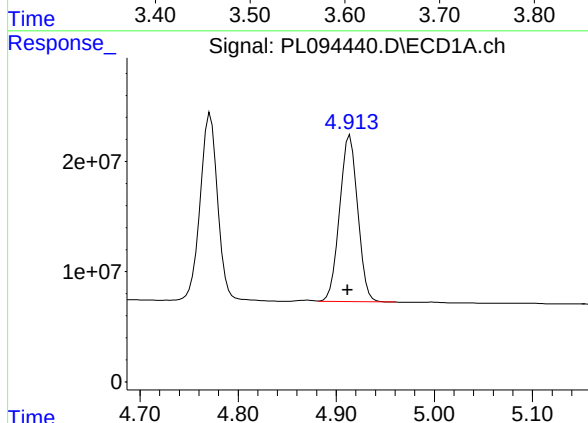
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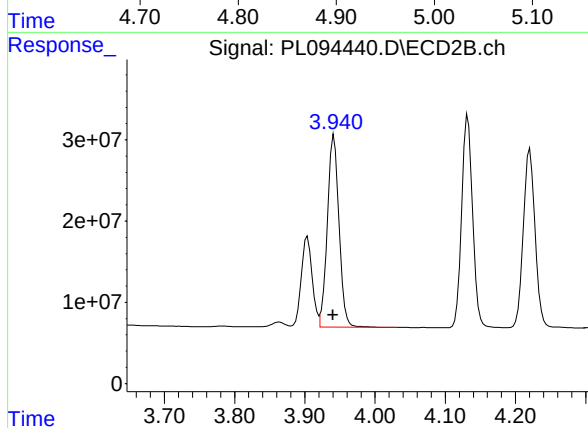
#3 gamma-BHC (Lindane)

R.T.: 3.604 min
Delta R.T.: 0.002 min
Response: 279038511
Conc: 59.24 ng/ml



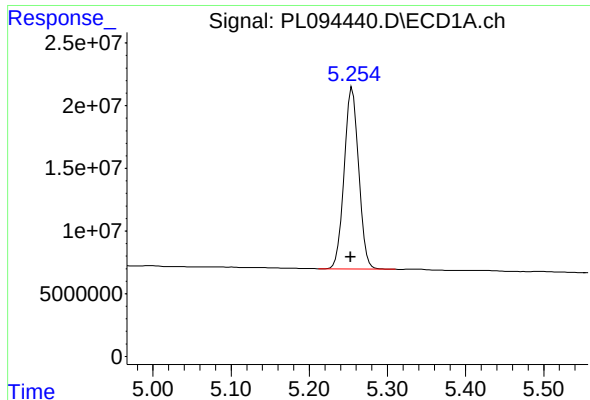
#4 Heptachlor

R.T.: 4.914 min
Delta R.T.: 0.002 min
Response: 193525593
Conc: 57.08 ng/ml



#4 Heptachlor

R.T.: 3.942 min
Delta R.T.: 0.002 min
Response: 271978032
Conc: 57.62 ng/ml



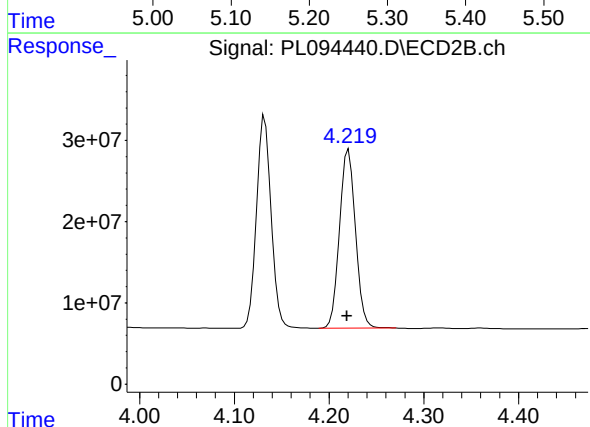
#5 Aldrin

R.T.: 5.255 min
Delta R.T.: 0.002 min
Response: 186859597
Conc: 54.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-CLAY-CF01-01MSD

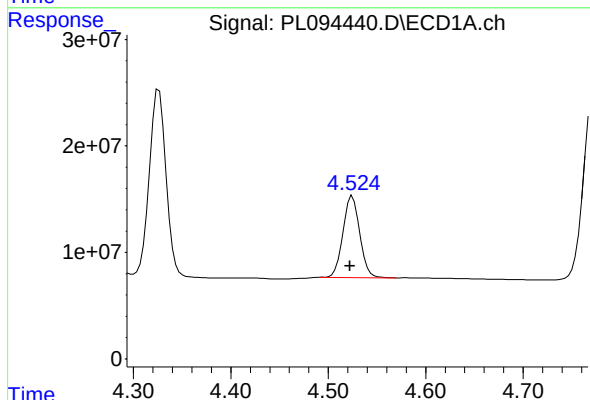
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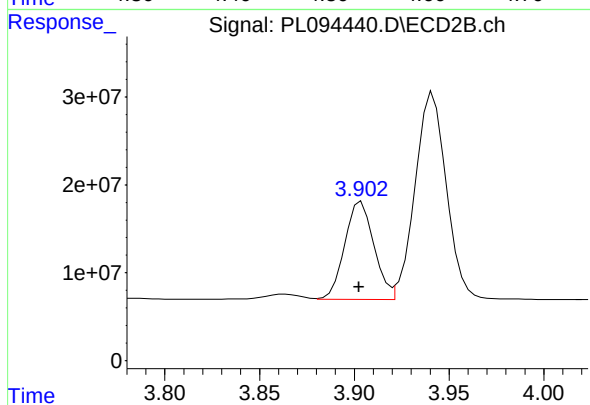
#5 Aldrin

R.T.: 4.221 min
Delta R.T.: 0.002 min
Response: 256367064
Conc: 55.49 ng/ml



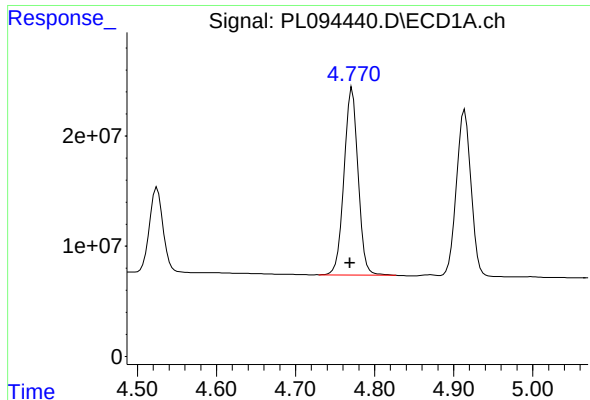
#6 beta-BHC

R.T.: 4.525 min
Delta R.T.: 0.002 min
Response: 91457518
Conc: 57.27 ng/ml



#6 beta-BHC

R.T.: 3.904 min
Delta R.T.: 0.001 min
Response: 119672404
Conc: 60.17 ng/ml



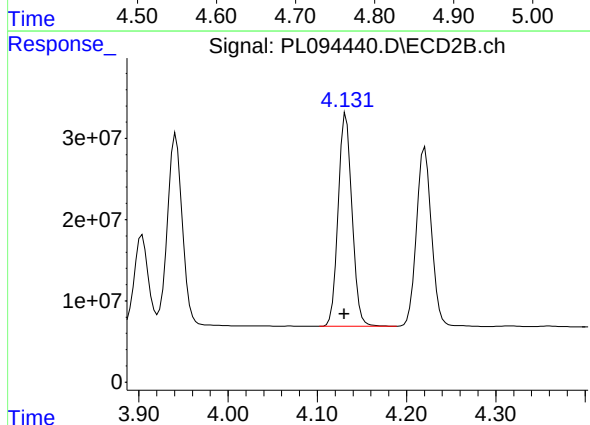
#7 delta-BHC

R.T.: 4.770 min
Delta R.T.: 0.001 min
Response: 210022289
Conc: 59.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-CLAY-CF01-01MSD

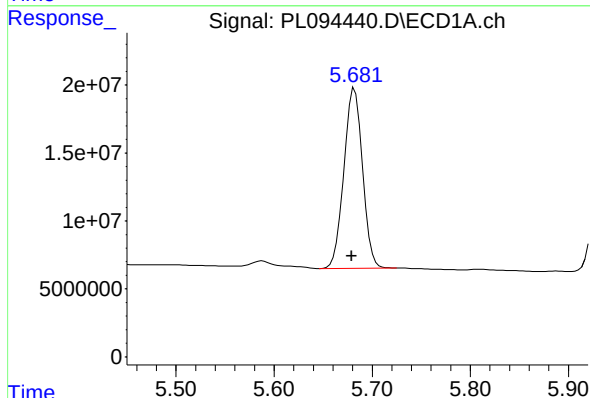
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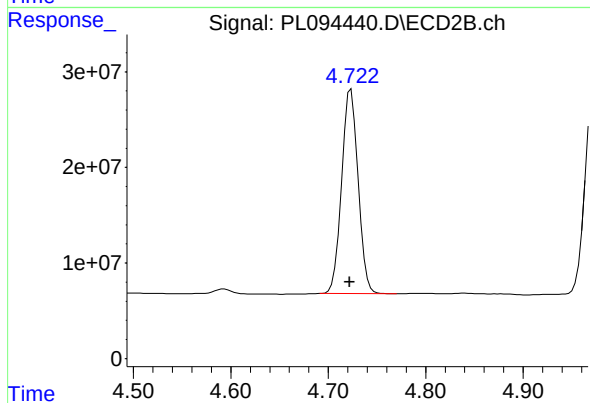
#7 delta-BHC

R.T.: 4.132 min
Delta R.T.: 0.002 min
Response: 282413453
Conc: 59.63 ng/ml



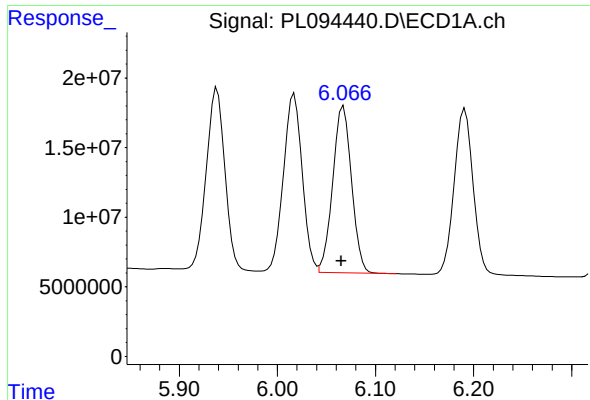
#8 Heptachlor epoxide

R.T.: 5.682 min
Delta R.T.: 0.003 min
Response: 174866044
Conc: 58.03 ng/ml



#8 Heptachlor epoxide

R.T.: 4.723 min
Delta R.T.: 0.001 min
Response: 250913388
Conc: 58.96 ng/ml



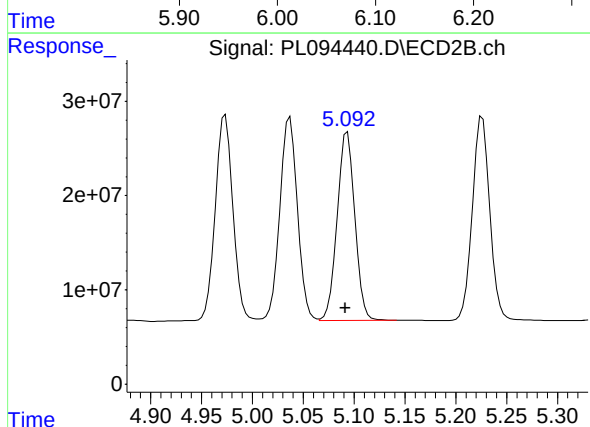
#9 Endosulfan I

R.T.: 6.067 min
Delta R.T.: 0.002 min
Response: 159115377
Conc: 57.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-CLAY-CF01-01MSD

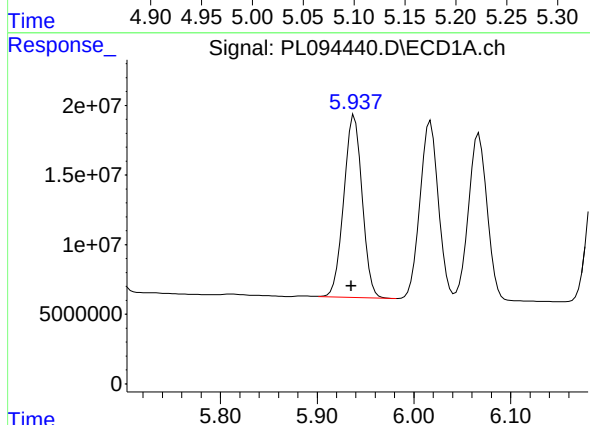
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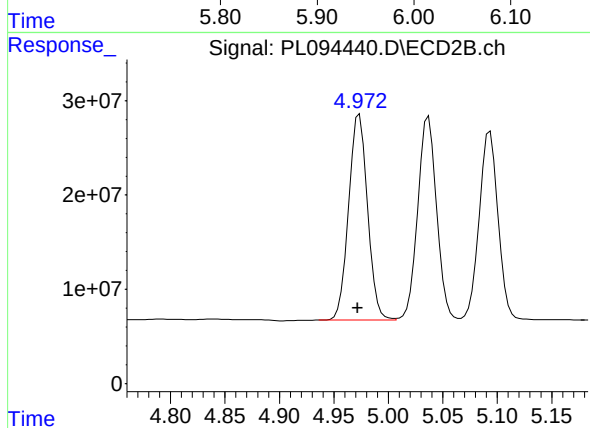
#9 Endosulfan I

R.T.: 5.093 min
Delta R.T.: 0.002 min
Response: 241295862
Conc: 60.53 ng/ml



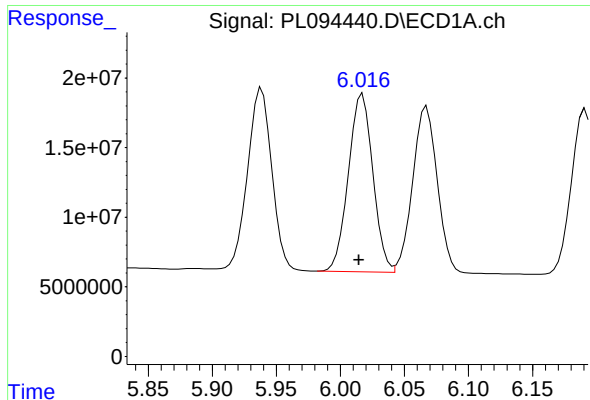
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: 0.003 min
Response: 172121154
Conc: 58.62 ng/ml



#10 gamma-Chlordane

R.T.: 4.973 min
Delta R.T.: 0.001 min
Response: 263459096
Conc: 60.72 ng/ml



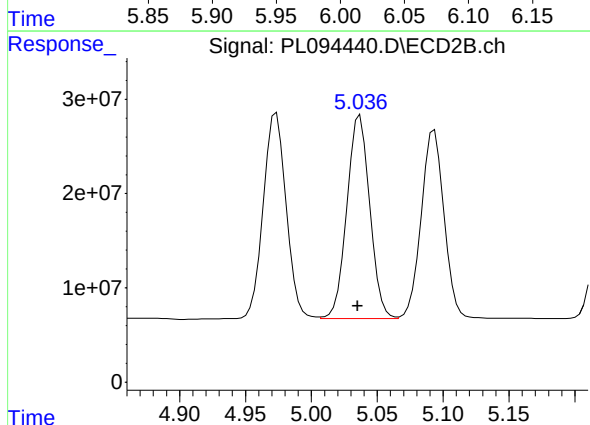
#11 alpha-Chlordane

R.T.: 6.017 min
Delta R.T.: 0.003 min
Response: 169943086
Conc: 58.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-CLAY-CF01-01MSD

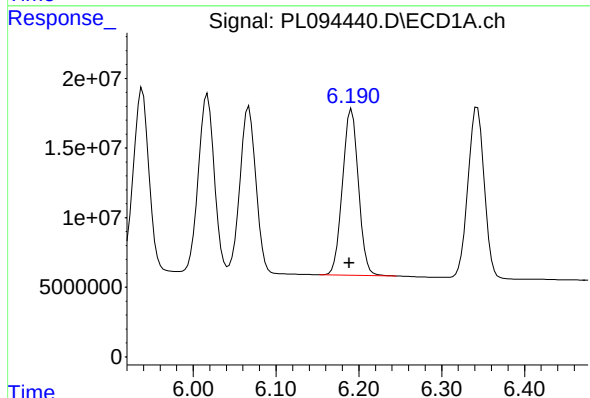
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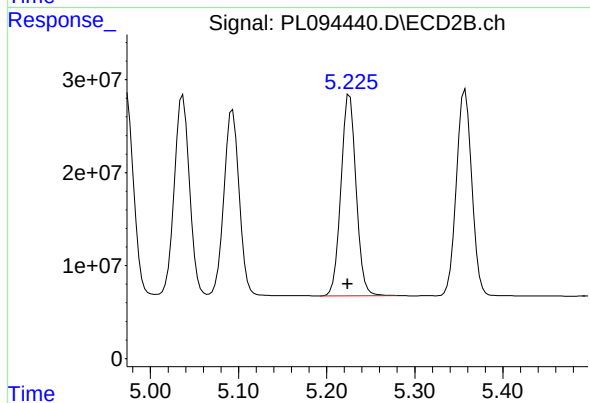
#11 alpha-Chlordane

R.T.: 5.037 min
Delta R.T.: 0.002 min
Response: 260278376
Conc: 60.28 ng/ml



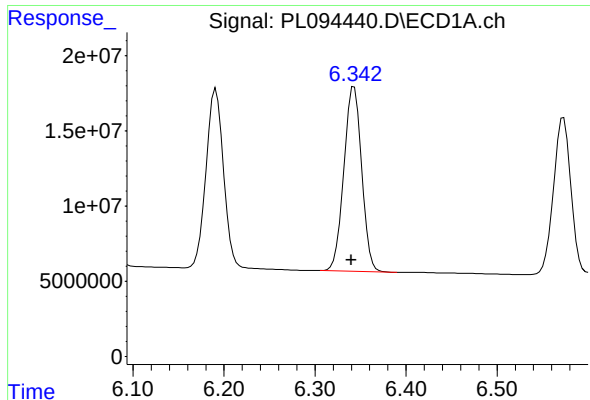
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: 0.003 min
Response: 159681602
Conc: 61.14 ng/ml



#12 4,4'-DDE

R.T.: 5.226 min
Delta R.T.: 0.002 min
Response: 258120094
Conc: 61.46 ng/ml



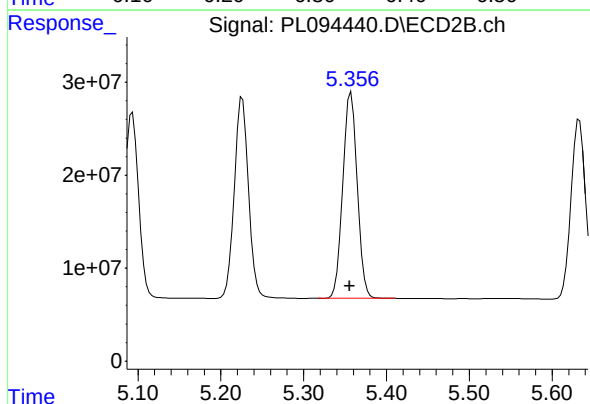
#13 Dieldrin

R.T.: 6.343 min
Delta R.T.: 0.003 min
Response: 167411911
Conc: 58.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-CLAY-CF01-01MSD

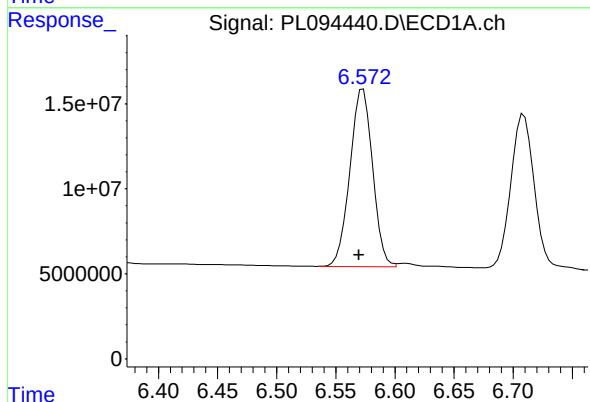
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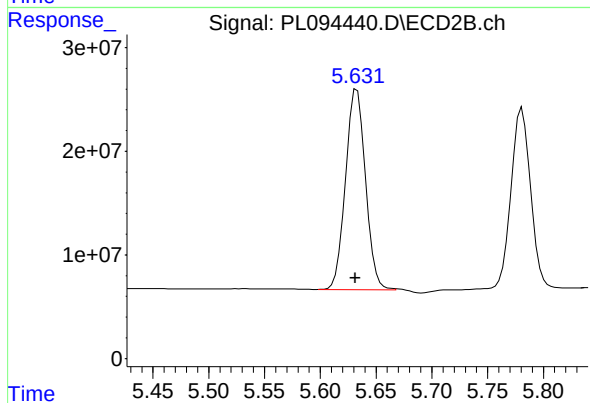
#13 Dieldrin

R.T.: 5.357 min
Delta R.T.: 0.002 min
Response: 268651045
Conc: 61.31 ng/ml



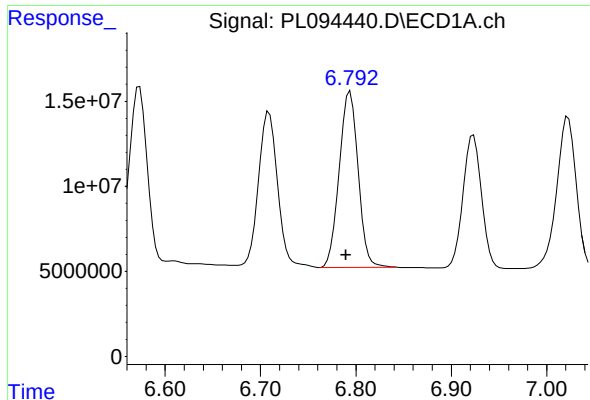
#14 Endrin

R.T.: 6.572 min
Delta R.T.: 0.002 min
Response: 139785316
Conc: 54.77 ng/ml m



#14 Endrin

R.T.: 5.631 min
Delta R.T.: 0.000 min
Response: 241346341
Conc: 70.89 ng/ml m



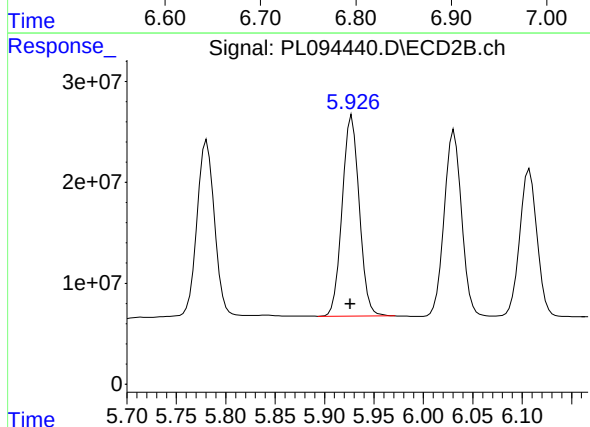
#15 Endosulfan II

R.T.: 6.794 min
Delta R.T.: 0.004 min
Response: 142561192
Conc: 56.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-CLAY-CF01-01MSD

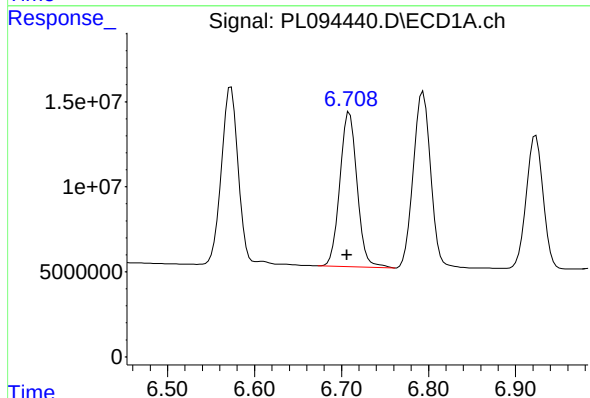
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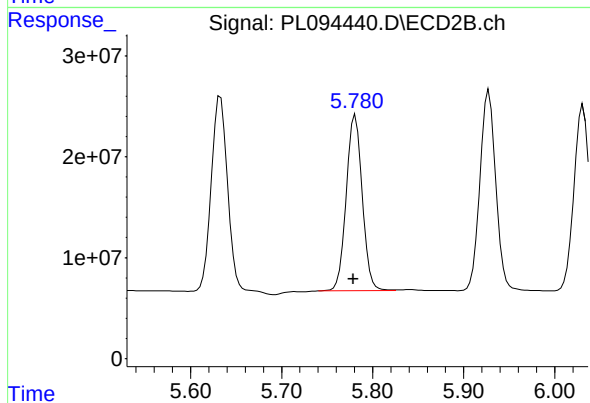
#15 Endosulfan II

R.T.: 5.928 min
Delta R.T.: 0.002 min
Response: 239062389
Conc: 63.93 ng/ml



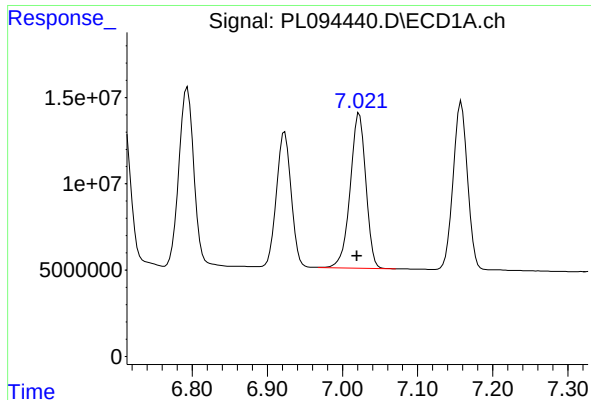
#16 4,4'-DDD

R.T.: 6.709 min
Delta R.T.: 0.003 min
Response: 125608214
Conc: 67.91 ng/ml



#16 4,4'-DDD

R.T.: 5.781 min
Delta R.T.: 0.002 min
Response: 213857562
Conc: 67.14 ng/ml



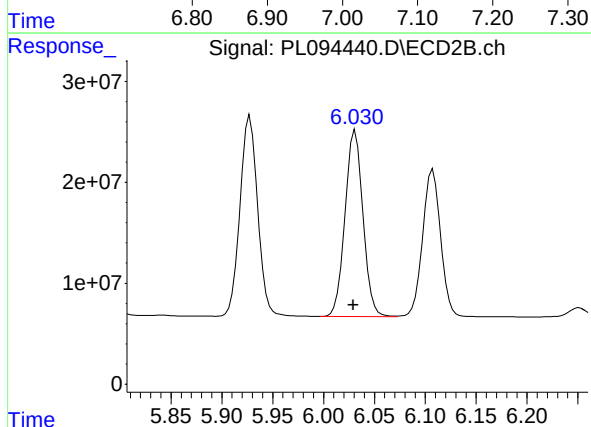
#17 4,4'-DDT

R.T.: 7.023 min
Delta R.T.: 0.004 min
Response: 129867320
Conc: 61.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-CLAY-CF01-01MSD

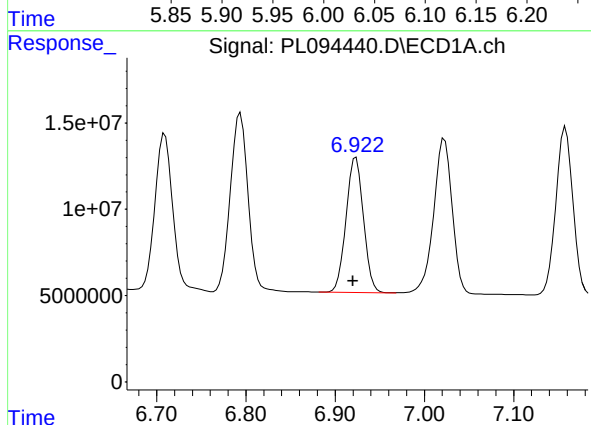
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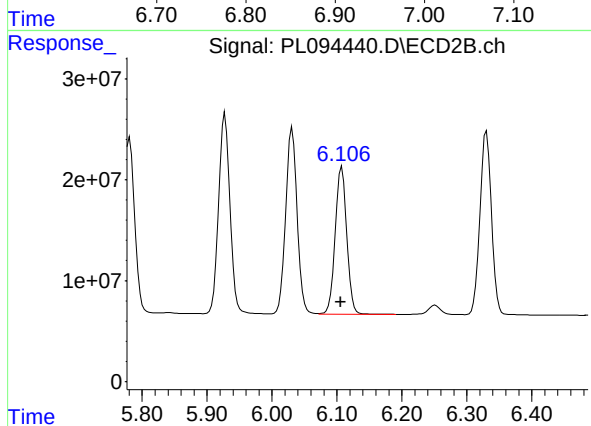
#17 4,4'-DDT

R.T.: 6.031 min
Delta R.T.: 0.002 min
Response: 226422395
Conc: 63.66 ng/ml



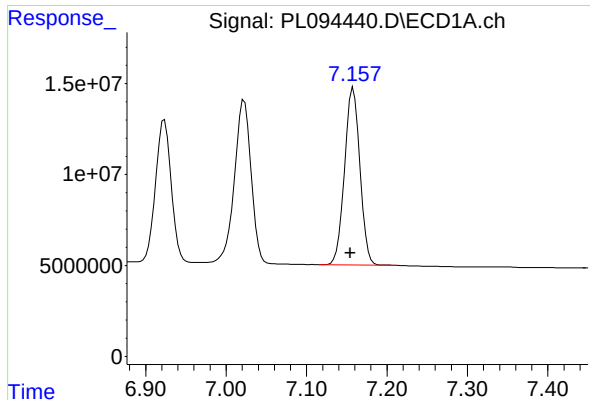
#18 Endrin aldehyde

R.T.: 6.923 min
Delta R.T.: 0.003 min
Response: 106158026
Conc: 54.53 ng/ml



#18 Endrin aldehyde

R.T.: 6.108 min
Delta R.T.: 0.002 min
Response: 179659908
Conc: 56.85 ng/ml



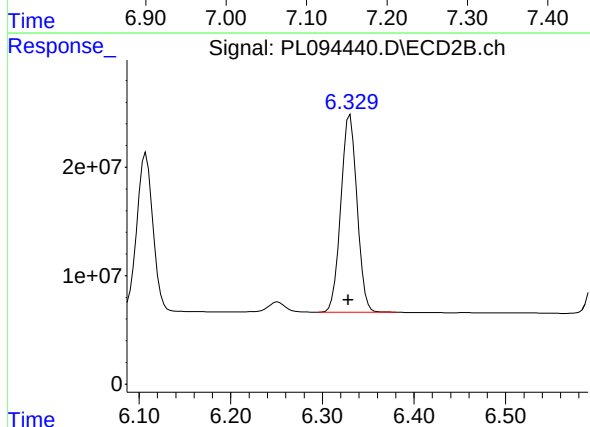
#19 Endosulfan Sulfate

R.T.: 7.158 min
Delta R.T.: 0.004 min
Response: 129175776
Conc: 57.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-CLAY-CF01-01MSD

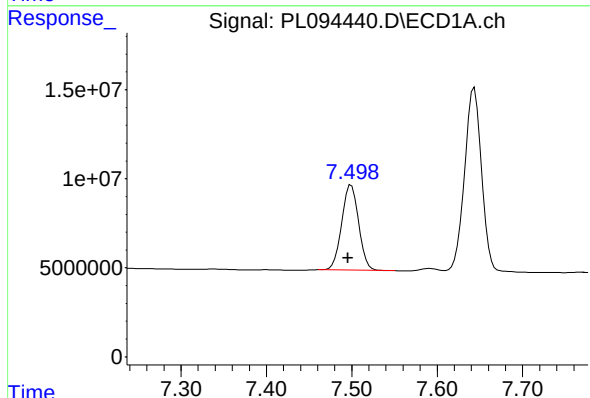
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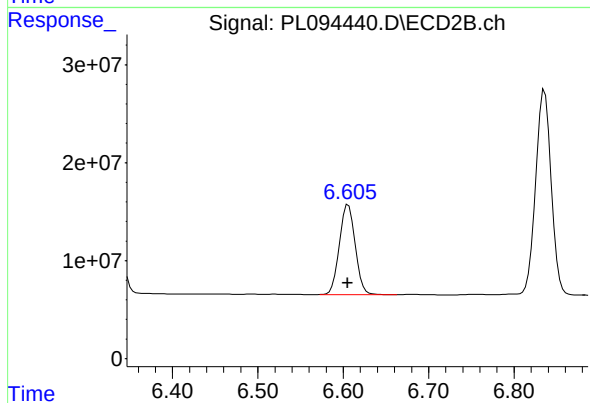
#19 Endosulfan Sulfate

R.T.: 6.330 min
Delta R.T.: 0.002 min
Response: 224551941
Conc: 60.79 ng/ml



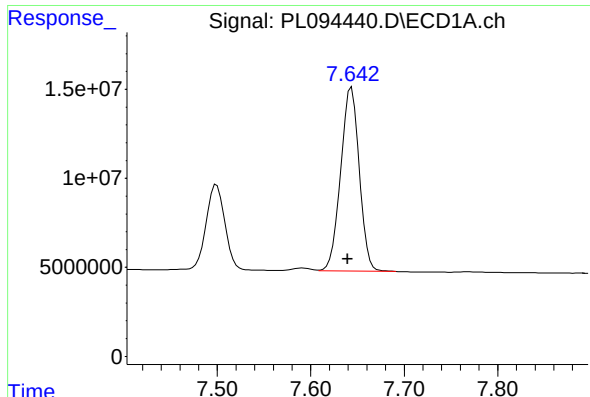
#20 Methoxychlor

R.T.: 7.499 min
Delta R.T.: 0.004 min
Response: 65807571
Conc: 59.23 ng/ml



#20 Methoxychlor

R.T.: 6.606 min
Delta R.T.: 0.001 min
Response: 117825489
Conc: 60.39 ng/ml



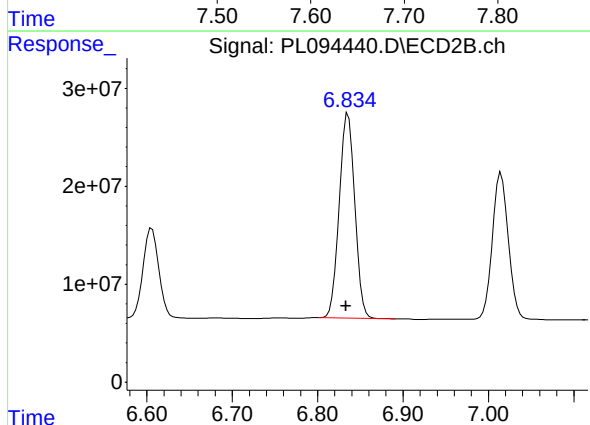
#21 Endrin ketone

R.T.: 7.644 min
Delta R.T.: 0.004 min
Response: 142311128
Conc: 56.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-CLAY-CF01-01MSD

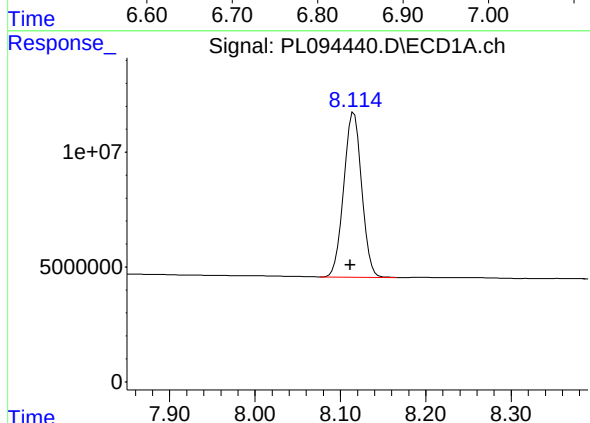
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/02/2025
Supervised By :Ankita Jodhani 03/04/2025



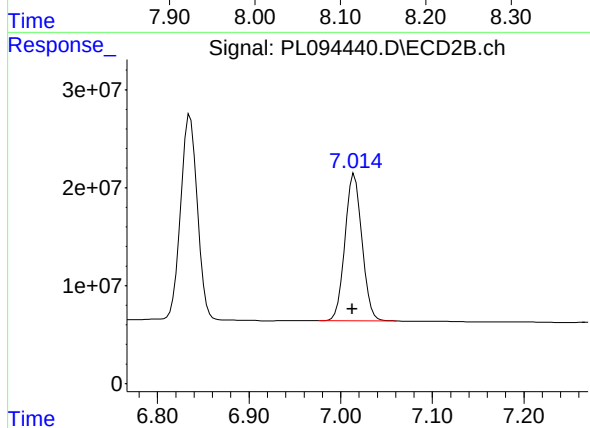
#21 Endrin ketone

R.T.: 6.836 min
Delta R.T.: 0.002 min
Response: 263094587
Conc: 61.65 ng/ml



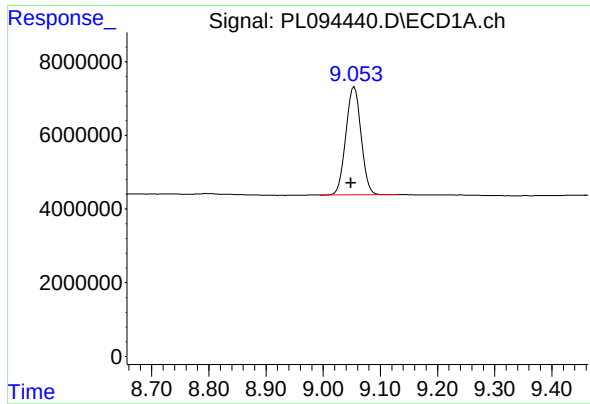
#22 Mirex

R.T.: 8.116 min
Delta R.T.: 0.004 min
Response: 104700110
Conc: 50.74 ng/ml



#22 Mirex

R.T.: 7.015 min
Delta R.T.: 0.002 min
Response: 194582578
Conc: 55.80 ng/ml



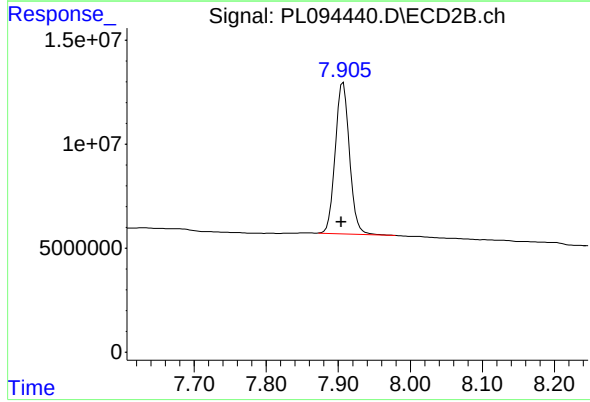
#28 Decachlorobiphenyl

R.T.: 9.054 min
Delta R.T.: 0.005 min
Response: 54643699
Conc: 25.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-CLAY-CF01-01MSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.907 min
Delta R.T.: 0.002 min
Response: 99131682
Conc: 25.78 ng/ml