

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021925\
 Data File : PL094286.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Feb 2025 21:10
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/20/2025
 Supervised By :Ankita Jodhani 02/20/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 20 01:18:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012125.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...	3.536	2.771	127.5E6	165.9E6	47.352	50.814
28)	SA Decachlor...	9.050	7.905	104.0E6	185.7E6	49.713	52.993
Target Compounds							
2)	A alpha-BHC	3.992	3.274	185.6E6	254.9E6	48.421	52.143
3)	MA gamma-BHC...	4.325	3.603	179.6E6	247.9E6	48.762	52.277
4)	MA Heptachlor	4.912	3.941	161.6E6	242.2E6	49.312	52.032
5)	MB Aldrin	5.254	4.220	164.2E6	240.8E6	50.195	52.788
6)	B beta-BHC	4.523	3.904	78410142	103.6E6	48.783	51.878
7)	B delta-BHC	4.770	4.132	173.9E6	249.6E6	49.599	52.528
8)	B Heptachlo...	5.680	4.723	147.2E6	221.0E6	49.508	52.873
9)	A Endosulfan I	6.066	5.092	131.3E6	202.5E6	49.681	52.227
10)	B gamma-Chl...	5.937	4.973	141.3E6	222.9E6	50.683	52.591
11)	B alpha-Chl...	6.015	5.036	140.2E6	220.2E6	50.279	52.597
12)	B 4,4'-DDE	6.189	5.225	129.7E6	216.8E6	53.291	54.064
13)	MA Dieldrin	6.340	5.356	137.5E6	225.1E6	49.518	52.393m
14)	MA Endrin	6.571	5.632	113.6E6	191.5E6	48.447	51.846
15)	B Endosulfa...	6.791	5.925	117.5E6	197.4E6	48.774	53.302m
16)	A 4,4'-DDD	6.706	5.780	99726881	175.8E6	52.472	55.682
17)	MA 4,4'-DDT	7.020	6.029	101.4E6	179.0E6	51.410	55.021
18)	B Endrin al...	6.921	6.106	95983181	158.6E6	49.373	52.108
19)	B Endosulfa...	7.155	6.328	109.3E6	187.1E6	48.290	52.453m
20)	A Methoxychlor	7.496	6.605	55114463	97766290	52.822	54.675
21)	B Endrin ke...	7.640	6.834	124.5E6	224.2E6	49.366	53.449
22)	Mirex	8.112	7.014	98978888	176.5E6	47.529	52.177

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021925\
Data File : PL094286.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 21:10
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

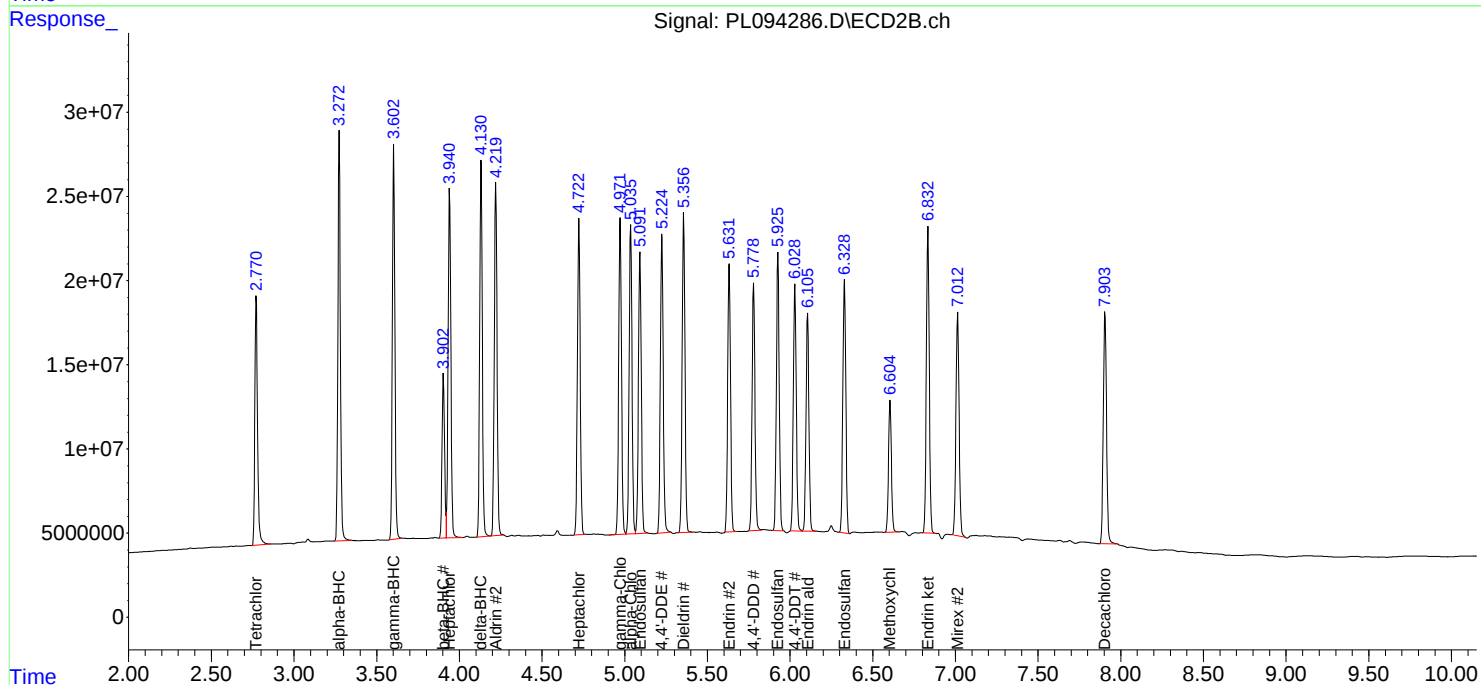
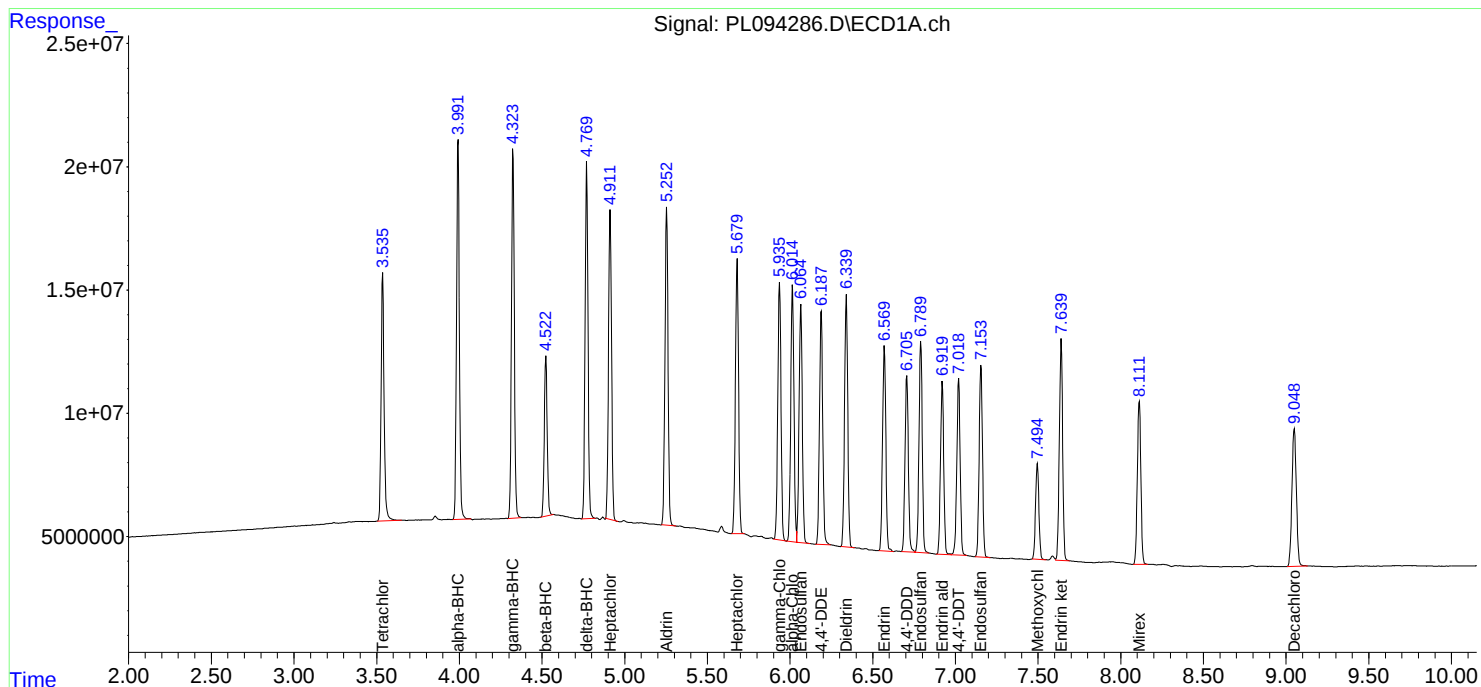
APPROVED

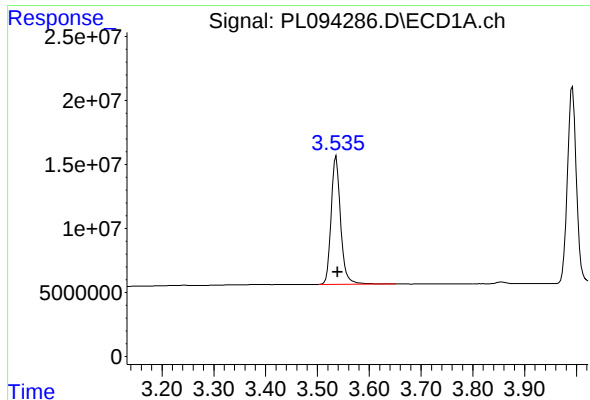
Reviewed By :Abdul Mirza 02/20/2025

Supervised By :Ankita Jodhani 02/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 20 01:18:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012125.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





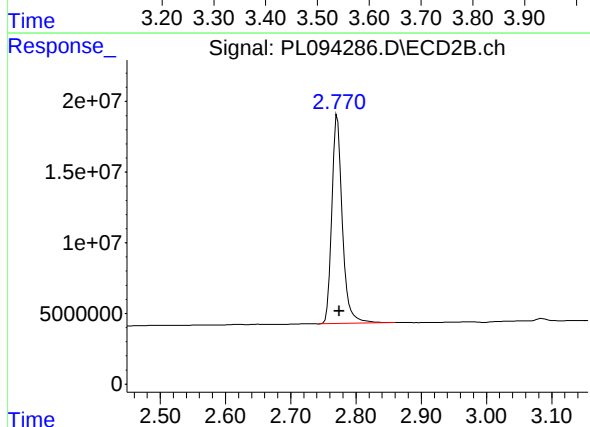
#1 Tetrachloro-m-xylene

R.T.: 3.536 min
Delta R.T.: -0.003 min
Response: 127507172
Conc: 47.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

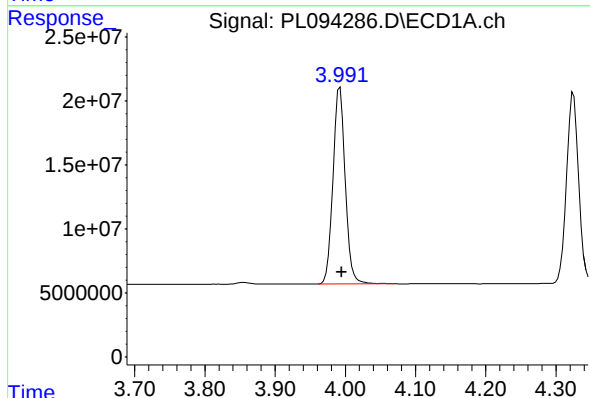
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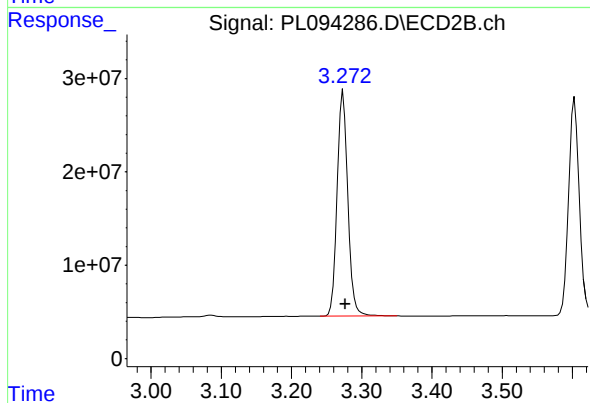
#1 Tetrachloro-m-xylene

R.T.: 2.771 min
Delta R.T.: -0.003 min
Response: 165866304
Conc: 50.81 ng/ml



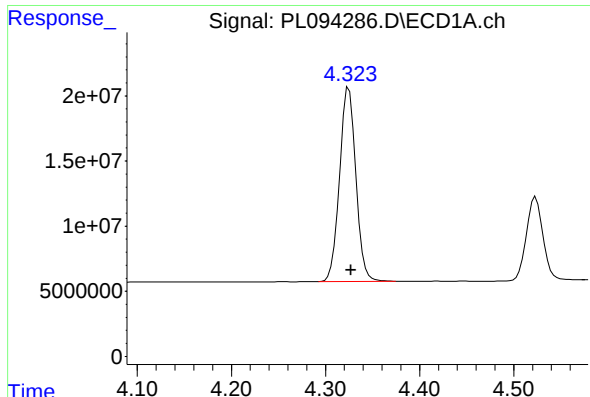
#2 alpha-BHC

R.T.: 3.992 min
Delta R.T.: -0.002 min
Response: 185639999
Conc: 48.42 ng/ml



#2 alpha-BHC

R.T.: 3.274 min
Delta R.T.: -0.003 min
Response: 254925562
Conc: 52.14 ng/ml



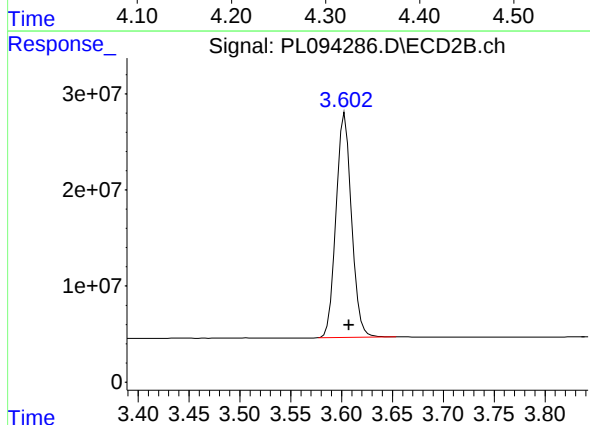
#3 gamma-BHC (Lindane)

R.T.: 4.325 min
Delta R.T.: -0.002 min
Response: 179582555
Conc: 48.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

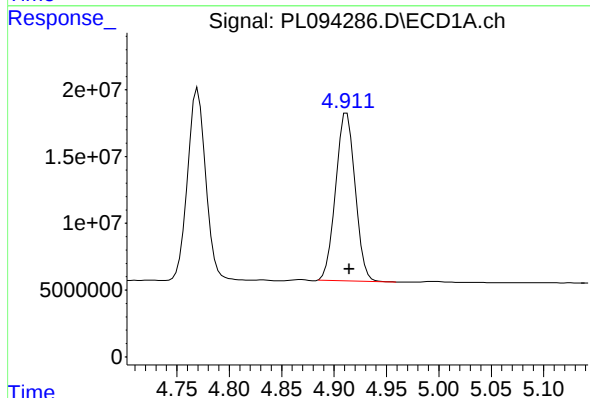
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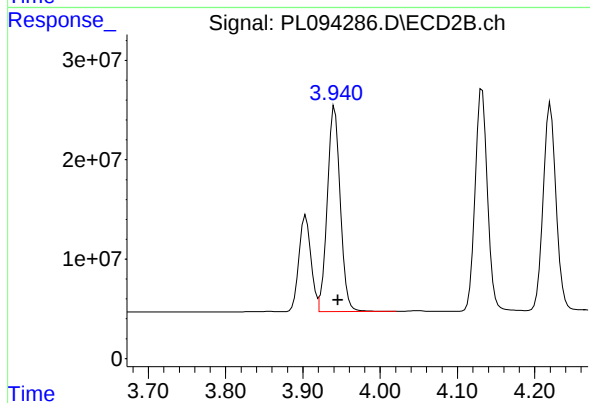
#3 gamma-BHC (Lindane)

R.T.: 3.603 min
Delta R.T.: -0.004 min
Response: 247858097
Conc: 52.28 ng/ml



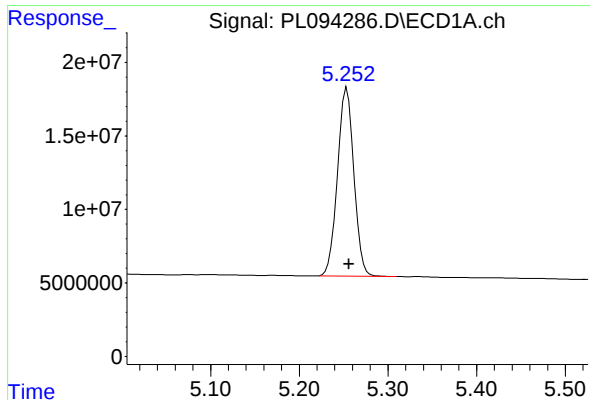
#4 Heptachlor

R.T.: 4.912 min
Delta R.T.: -0.002 min
Response: 161612350
Conc: 49.31 ng/ml



#4 Heptachlor

R.T.: 3.941 min
Delta R.T.: -0.004 min
Response: 242197648
Conc: 52.03 ng/ml



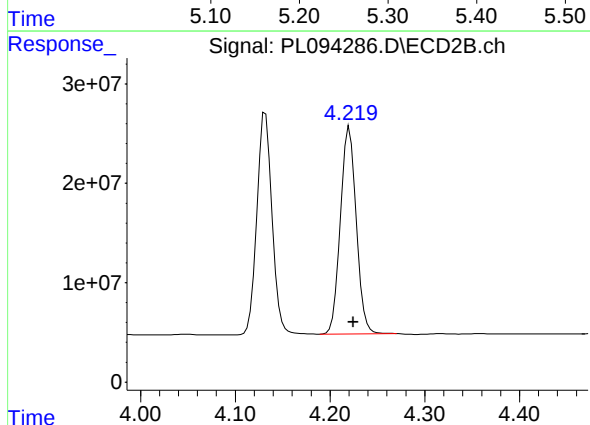
#5 Aldrin

R.T.: 5.254 min
Delta R.T.: -0.002 min
Response: 164236099
Conc: 50.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

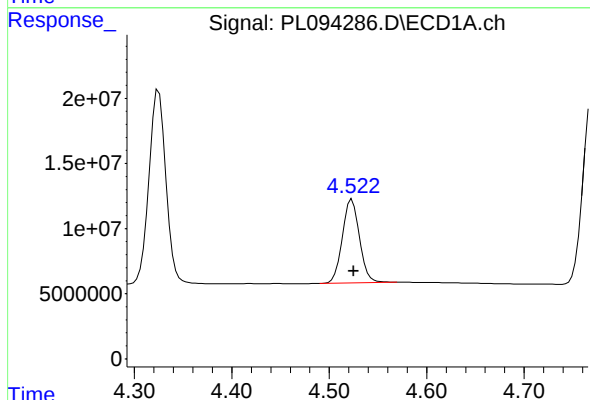
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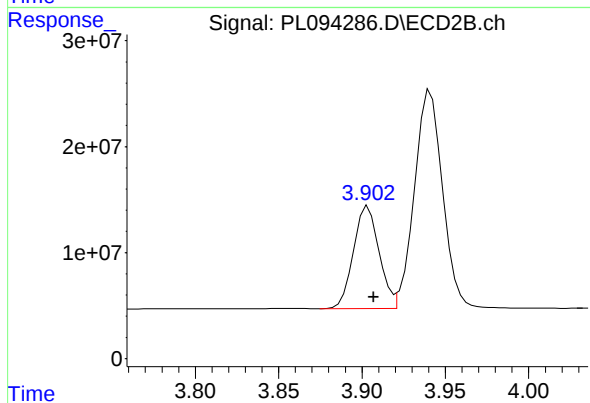
#5 Aldrin

R.T.: 4.220 min
Delta R.T.: -0.004 min
Response: 240807744
Conc: 52.79 ng/ml



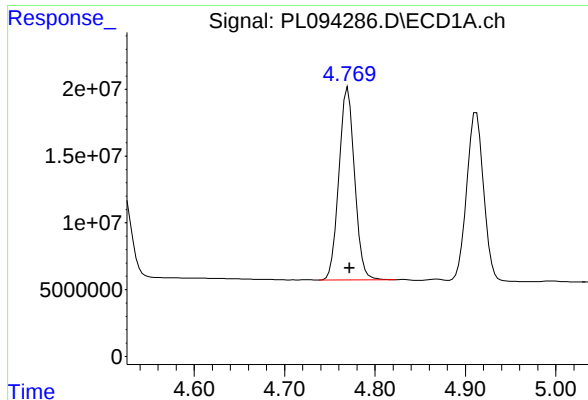
#6 beta-BHC

R.T.: 4.523 min
Delta R.T.: -0.002 min
Response: 78410142
Conc: 48.78 ng/ml



#6 beta-BHC

R.T.: 3.904 min
Delta R.T.: -0.003 min
Response: 103622183
Conc: 51.88 ng/ml



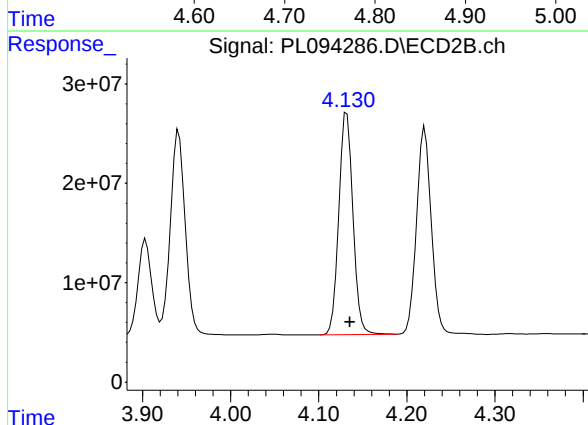
#7 delta-BHC

R.T.: 4.770 min
Delta R.T.: -0.002 min
Response: 173859719
Conc: 49.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

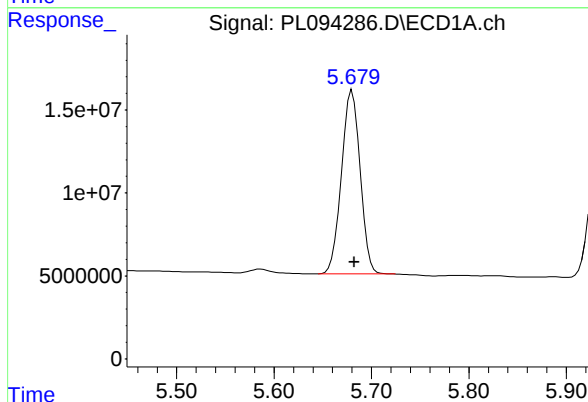
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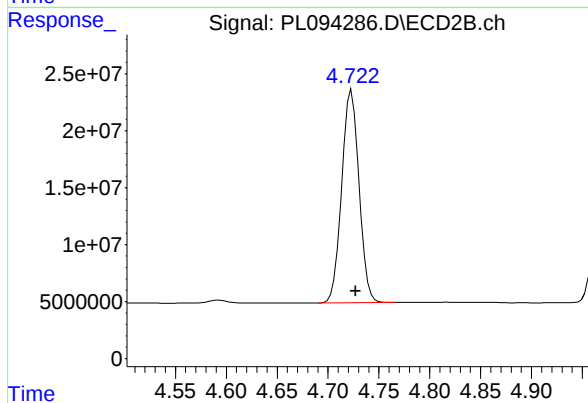
#7 delta-BHC

R.T.: 4.132 min
Delta R.T.: -0.004 min
Response: 249573313
Conc: 52.53 ng/ml



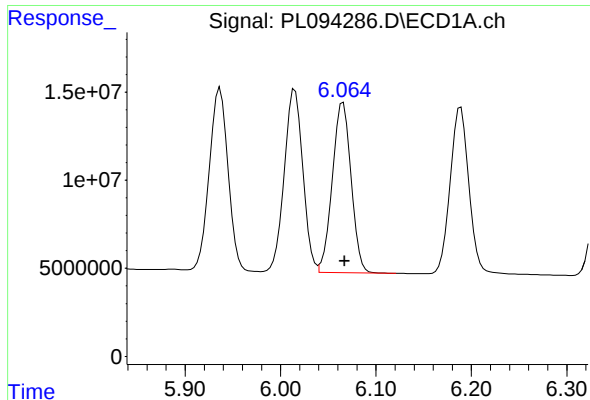
#8 Heptachlor epoxide

R.T.: 5.680 min
Delta R.T.: -0.002 min
Response: 147227586
Conc: 49.51 ng/ml



#8 Heptachlor epoxide

R.T.: 4.723 min
Delta R.T.: -0.004 min
Response: 221022547
Conc: 52.87 ng/ml



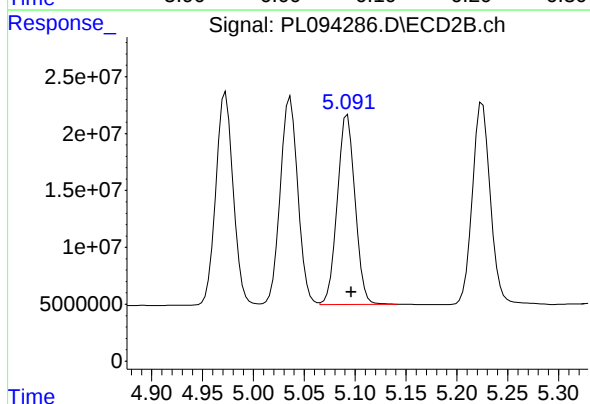
#9 Endosulfan I

R.T.: 6.066 min
Delta R.T.: -0.002 min
Response: 131299703
Conc: 49.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

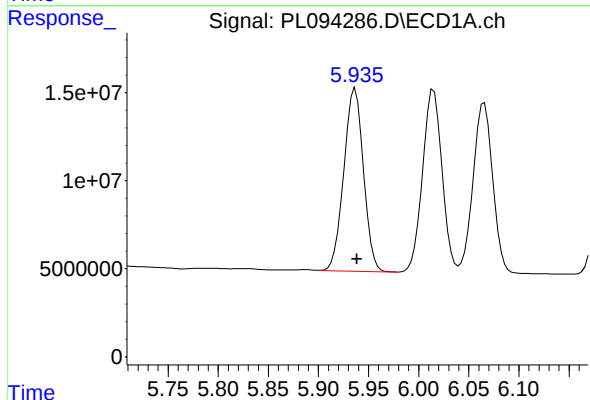
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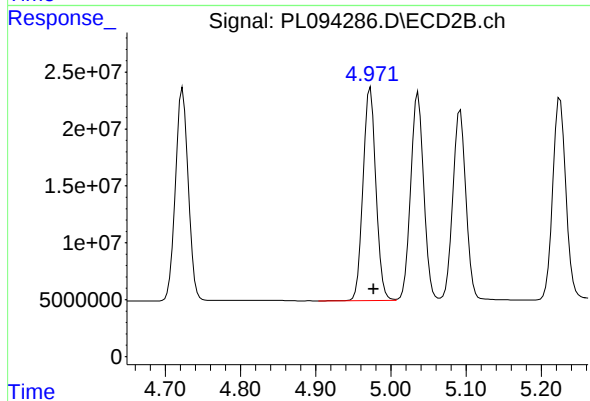
#9 Endosulfan I

R.T.: 5.092 min
Delta R.T.: -0.004 min
Response: 202480650
Conc: 52.23 ng/ml



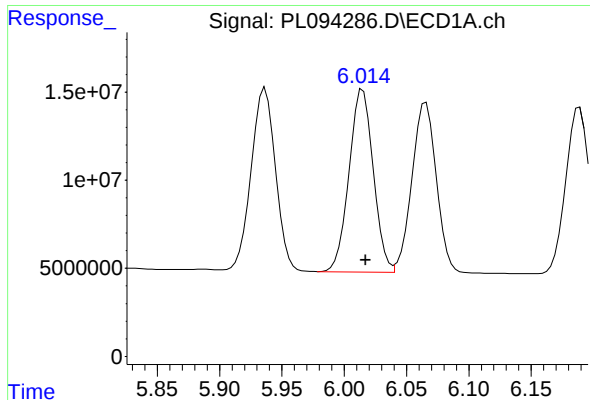
#10 gamma-Chlordane

R.T.: 5.937 min
Delta R.T.: -0.002 min
Response: 141272957
Conc: 50.68 ng/ml



#10 gamma-Chlordane

R.T.: 4.973 min
Delta R.T.: -0.004 min
Response: 222858682
Conc: 52.59 ng/ml



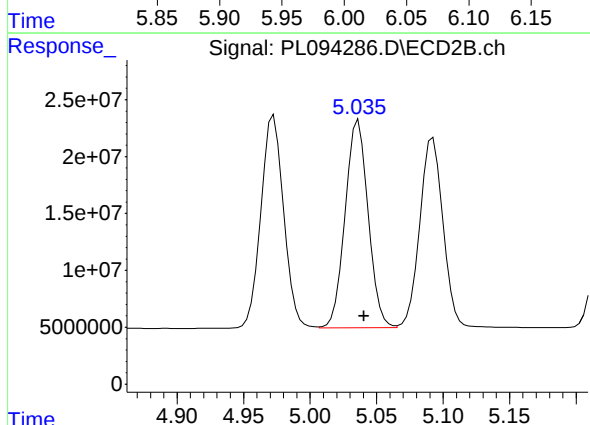
#11 alpha-Chlordane

R.T.: 6.015 min
Delta R.T.: -0.002 min
Response: 140197939
Conc: 50.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

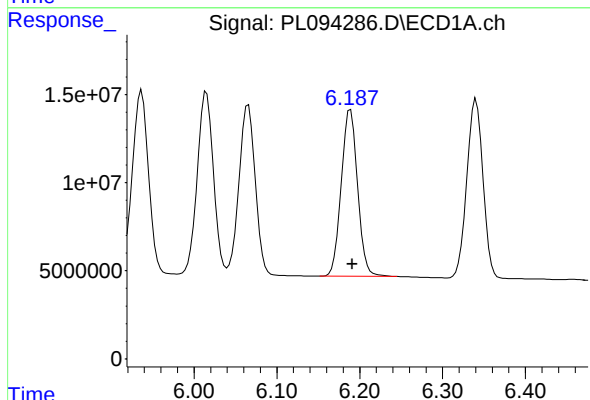
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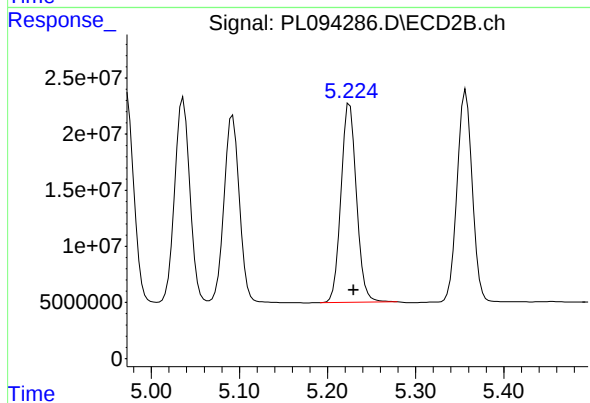
#11 alpha-Chlordane

R.T.: 5.036 min
Delta R.T.: -0.004 min
Response: 220201257
Conc: 52.60 ng/ml



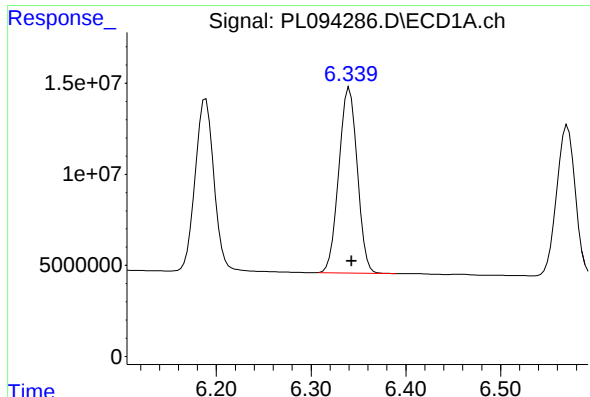
#12 4,4'-DDE

R.T.: 6.189 min
Delta R.T.: -0.002 min
Response: 129742633
Conc: 53.29 ng/ml



#12 4,4'-DDE

R.T.: 5.225 min
Delta R.T.: -0.004 min
Response: 216766920
Conc: 54.06 ng/ml



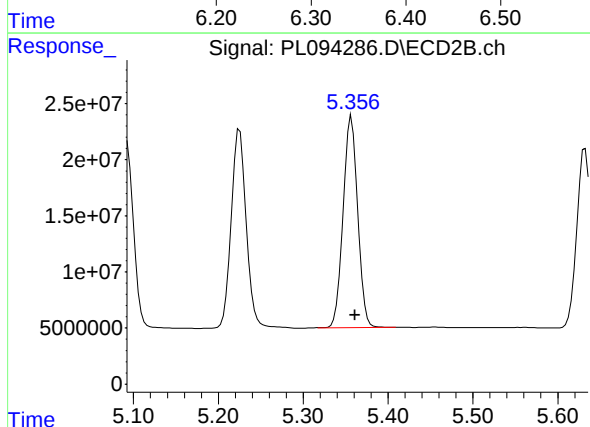
#13 Dieldrin

R.T.: 6.340 min
Delta R.T.: -0.002 min
Response: 137453616
Conc: 49.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

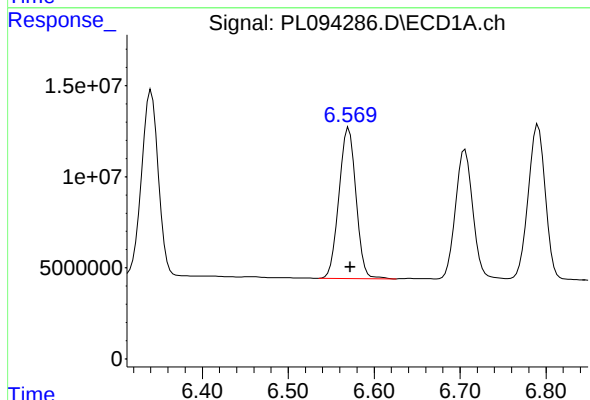
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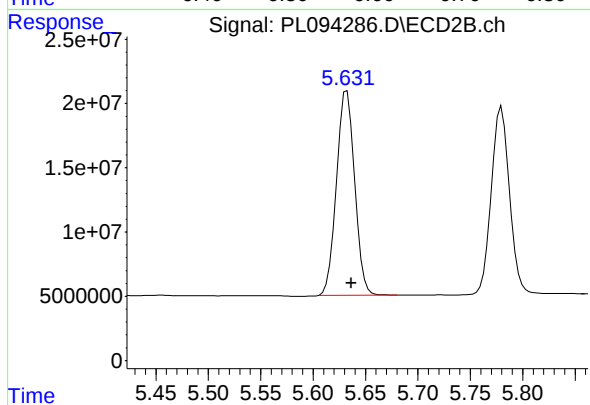
#13 Dieldrin

R.T.: 5.356 min
Delta R.T.: -0.005 min
Response: 225061400
Conc: 52.39 ng/ml



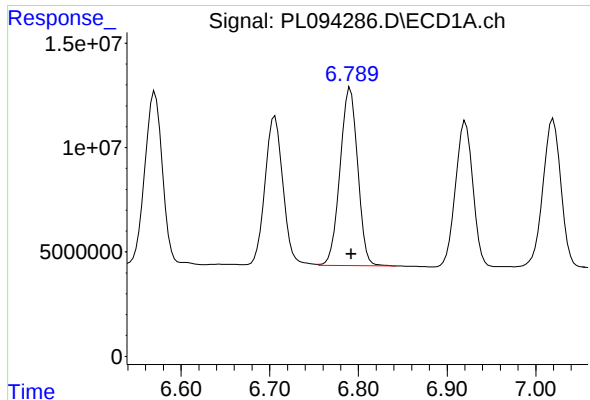
#14 Endrin

R.T.: 6.571 min
Delta R.T.: -0.002 min
Response: 113600279
Conc: 48.45 ng/ml



#14 Endrin

R.T.: 5.632 min
Delta R.T.: -0.004 min
Response: 191452089
Conc: 51.85 ng/ml



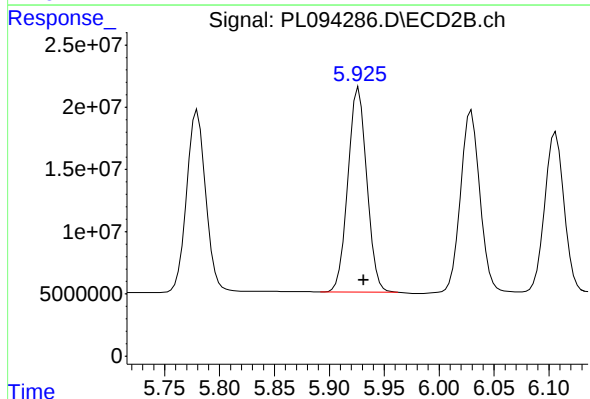
#15 Endosulfan II

R.T.: 6.791 min
Delta R.T.: -0.001 min
Response: 117514341
Conc: 48.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

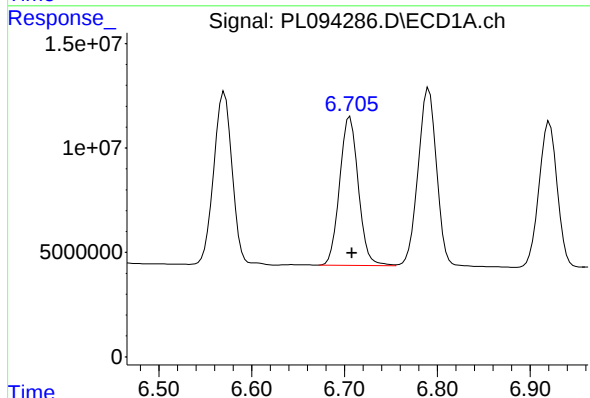
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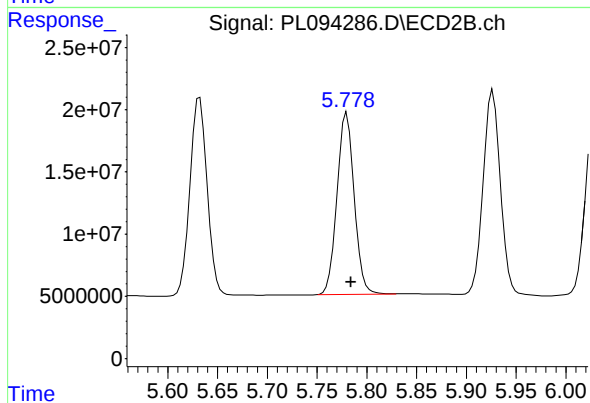
#15 Endosulfan II

R.T.: 5.925 min
Delta R.T.: -0.006 min
Response: 197421835
Conc: 53.30 ng/ml



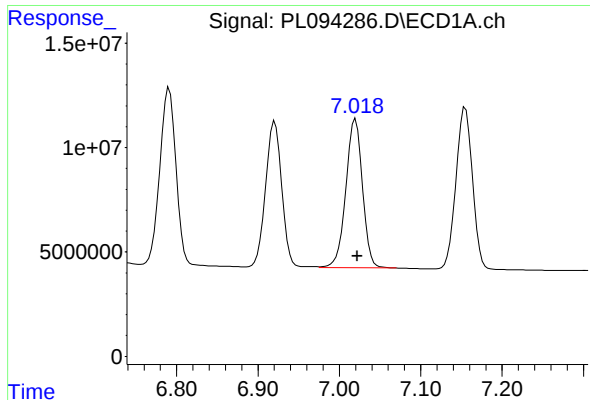
#16 4,4'-DDD

R.T.: 6.706 min
Delta R.T.: -0.002 min
Response: 99726881
Conc: 52.47 ng/ml



#16 4,4'-DDD

R.T.: 5.780 min
Delta R.T.: -0.004 min
Response: 175763026
Conc: 55.68 ng/ml



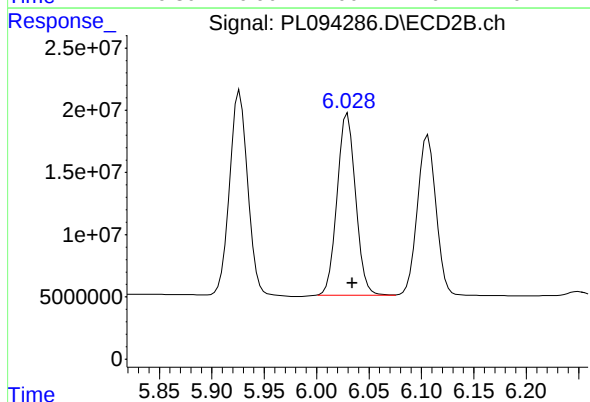
#17 4,4'-DDT

R.T.: 7.020 min
Delta R.T.: -0.002 min
Response: 101383675
Conc: 51.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

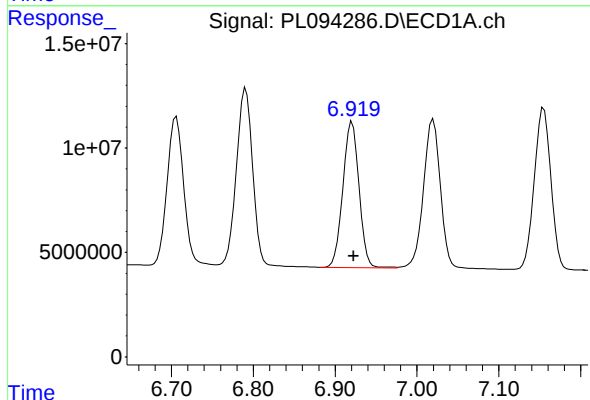
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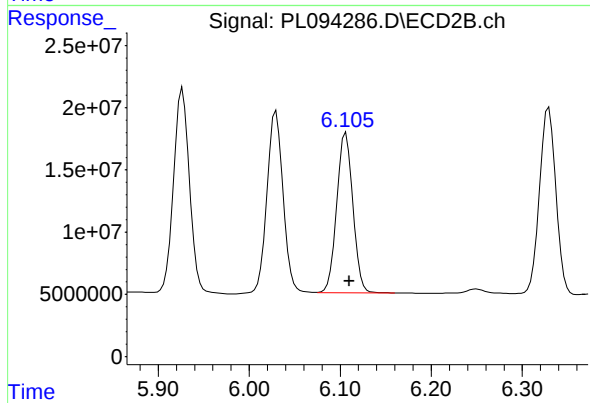
#17 4,4'-DDT

R.T.: 6.029 min
Delta R.T.: -0.005 min
Response: 179041709
Conc: 55.02 ng/ml



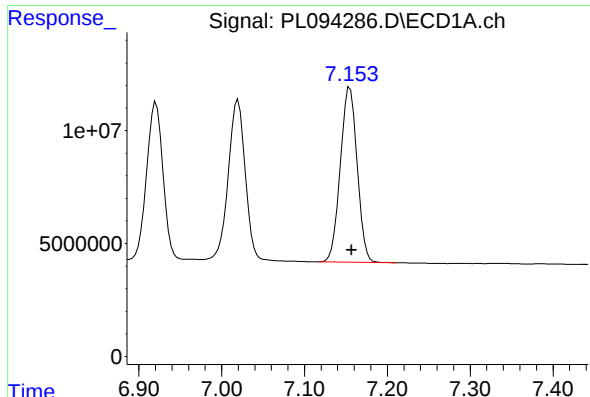
#18 Endrin aldehyde

R.T.: 6.921 min
Delta R.T.: -0.002 min
Response: 95983181
Conc: 49.37 ng/ml



#18 Endrin aldehyde

R.T.: 6.106 min
Delta R.T.: -0.004 min
Response: 158649068
Conc: 52.11 ng/ml



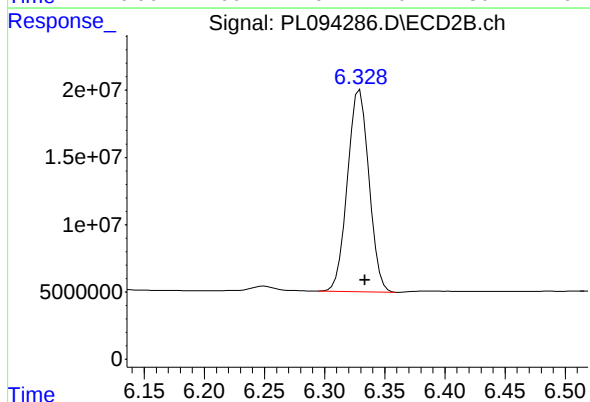
#19 Endosulfan Sulfate

R.T.: 7.155 min
Delta R.T.: -0.002 min
Response: 109316562
Conc: 48.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

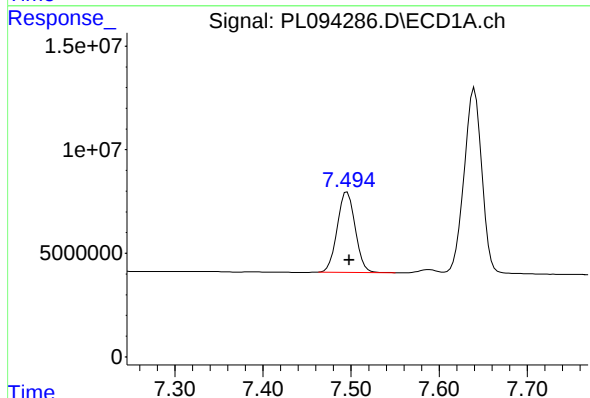
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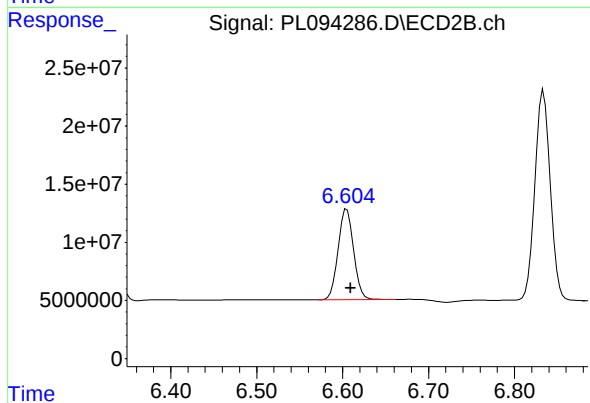
#19 Endosulfan Sulfate

R.T.: 6.328 min
Delta R.T.: -0.005 min
Response: 187052769
Conc: 52.45 ng/ml



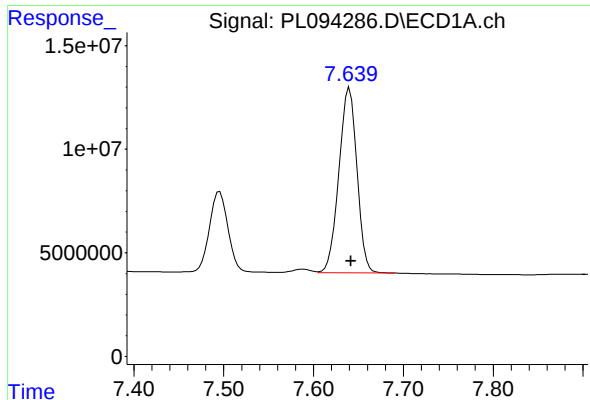
#20 Methoxychlor

R.T.: 7.496 min
Delta R.T.: -0.002 min
Response: 55114463
Conc: 52.82 ng/ml



#20 Methoxychlor

R.T.: 6.605 min
Delta R.T.: -0.004 min
Response: 97766290
Conc: 54.67 ng/ml



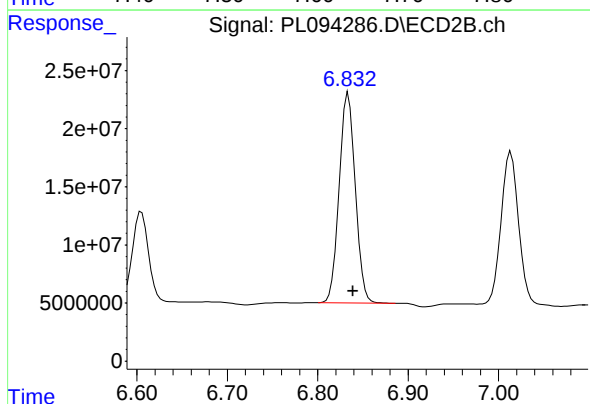
#21 Endrin ketone

R.T.: 7.640 min
Delta R.T.: -0.002 min
Response: 124531159
Conc: 49.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

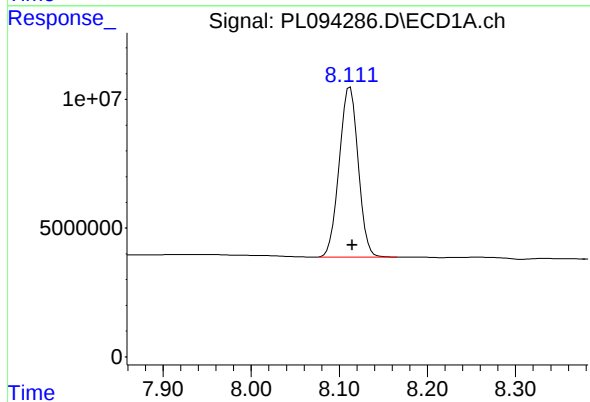
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



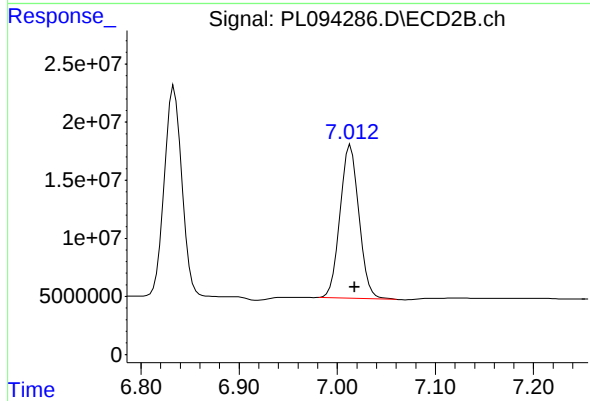
#21 Endrin ketone

R.T.: 6.834 min
Delta R.T.: -0.005 min
Response: 224229857
Conc: 53.45 ng/ml



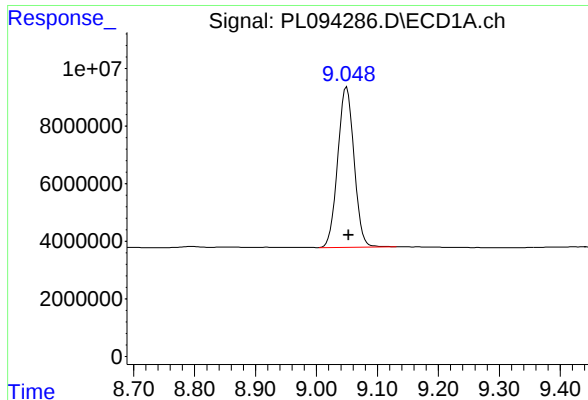
#22 Mirex

R.T.: 8.112 min
Delta R.T.: -0.002 min
Response: 98978888
Conc: 47.53 ng/ml



#22 Mirex

R.T.: 7.014 min
Delta R.T.: -0.004 min
Response: 176457564
Conc: 52.18 ng/ml



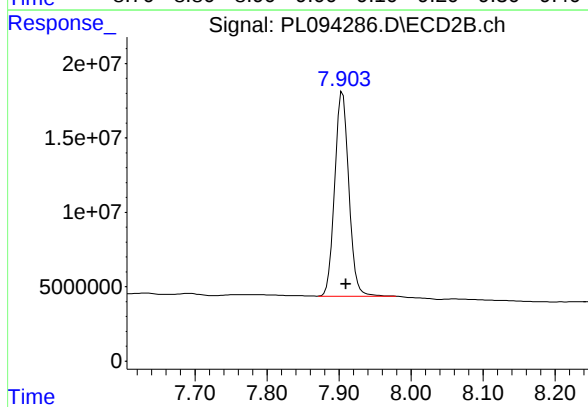
#28 Decachlorobiphenyl

R.T.: 9.050 min
Delta R.T.: -0.003 min
Response: 103995835
Conc: 49.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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Supervised By :Ankita Jodhani 02/20/2025



#28 Decachlorobiphenyl

R.T.: 7.905 min
Delta R.T.: -0.005 min
Response: 185691067
Conc: 52.99 ng/ml