

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021825\
 Data File : PL094253.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Feb 2025 16:46
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/19/2025
 Supervised By :Ankita Jodhani 02/20/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 19 00:33:53 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	2.772	113.9E6	148.8E6	42.296	45.597
28)	SA Decachlor...	9.049	7.905	92071946	159.1E6	44.013	45.411
Target Compounds							
2)	A alpha-BHC	3.992	3.274	164.8E6	225.5E6	42.975	46.125
3)	MA gamma-BHC...	4.325	3.604	159.6E6	217.7E6	43.342	45.925
4)	MA Heptachlor	4.911	3.942	144.5E6	207.8E6	44.081m	44.638
5)	MB Aldrin	5.254	4.221	145.2E6	209.5E6	44.392	45.936
6)	B beta-BHC	4.523	3.904	70299102	92226556	43.737	46.172
7)	B delta-BHC	4.770	4.132	154.1E6	219.3E6	43.960	46.149
8)	B Heptachlo...	5.680	4.723	129.8E6	191.2E6	43.640	45.736
9)	A Endosulfan I	6.066	5.093	115.2E6	171.0E6	43.575	44.117
10)	B gamma-Chl...	5.936	4.973	123.5E6	195.5E6	44.320	46.142
11)	B alpha-Chl...	6.015	5.037	123.1E6	193.1E6	44.148	46.113
12)	B 4,4'-DDE	6.189	5.225	114.4E6	191.9E6	46.983	47.857
13)	MA Dieldrin	6.340	5.356	120.3E6	195.3E6	43.332	45.467
14)	MA Endrin	6.569	5.631	98005787	166.4E6	41.797m	45.058m
15)	B Endosulfa...	6.790	5.927	104.3E6	170.5E6	43.310	46.041
16)	A 4,4'-DDD	6.706	5.780	91326439	158.8E6	48.052	50.303
17)	MA 4,4'-DDT	7.020	6.030	87675570	149.8E6	44.459	46.049
18)	B Endrin al...	6.920	6.106	84443796	137.8E6	43.437	45.275
19)	B Endosulfa...	7.154	6.329	96937390	162.4E6	42.822	45.545
20)	A Methoxychlor	7.496	6.605	48009422	80500523	46.013	45.019
21)	B Endrin ke...	7.639	6.834	111.2E6	195.4E6	44.066	46.565
22)	Mirex	8.112	7.014	88495080	156.0E6	42.495	46.118

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021825\
Data File : PL094253.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Feb 2025 16:46
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

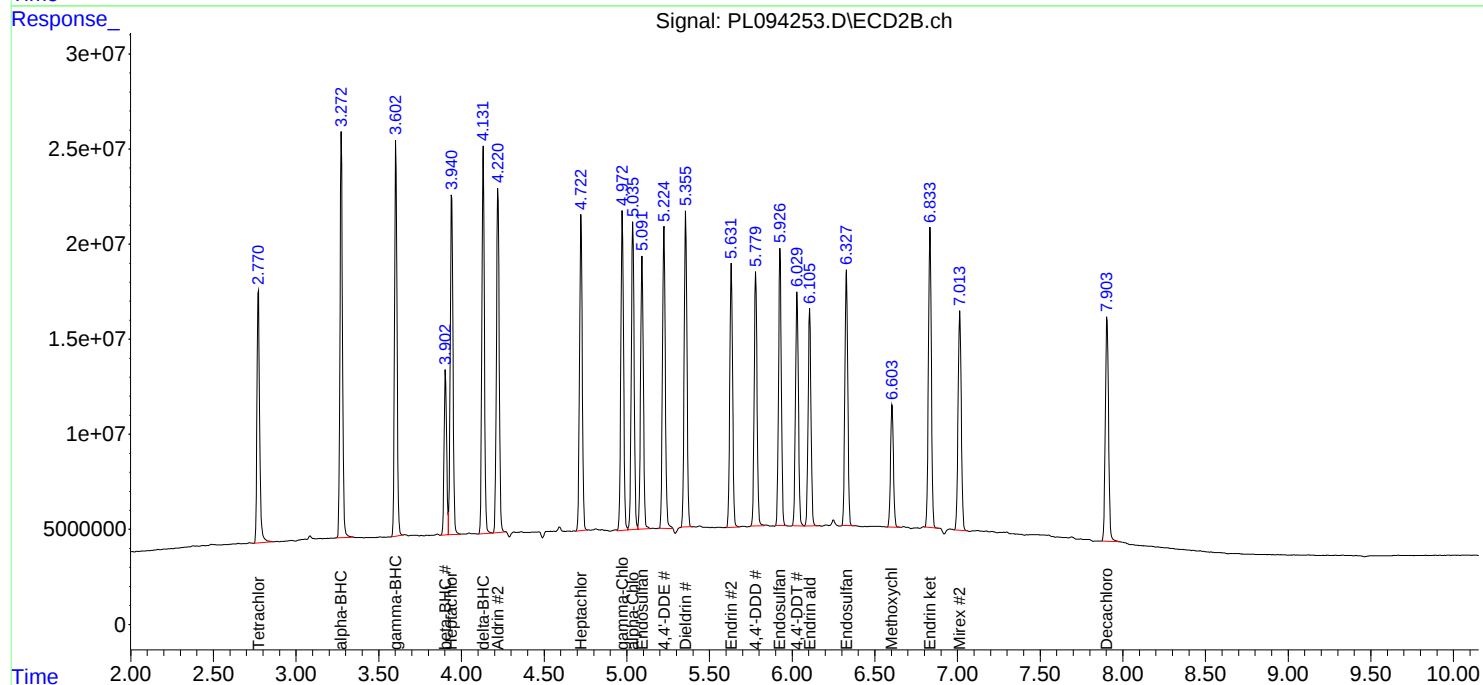
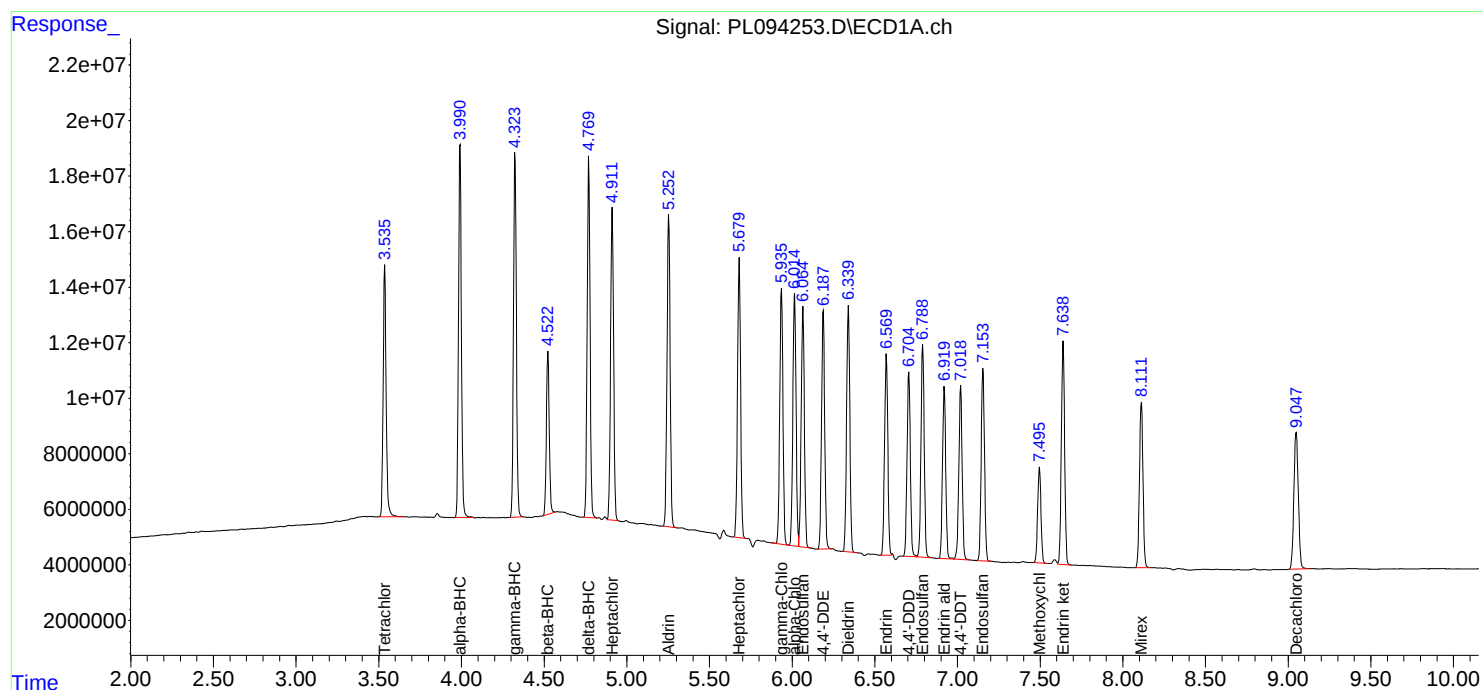
APPROVED

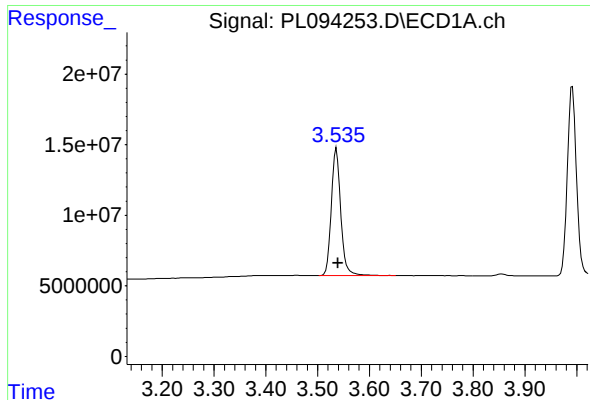
Reviewed By :Abdul Mirza 02/19/2025

Supervised By :Ankita Jodhani 02/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 19 00:33:53 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





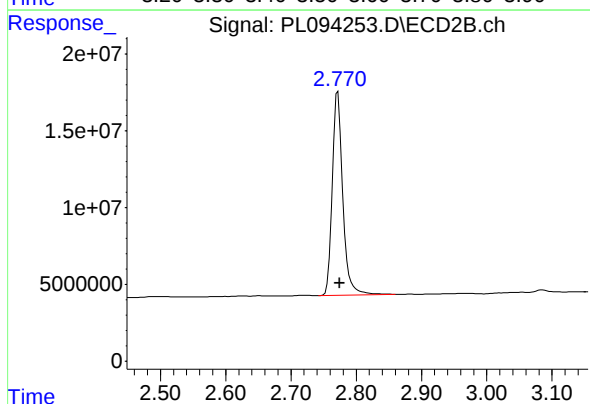
#1 Tetrachloro-m-xylene

R.T.: 3.536 min
Delta R.T.: -0.003 min
Response: 113892855
Conc: 42.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

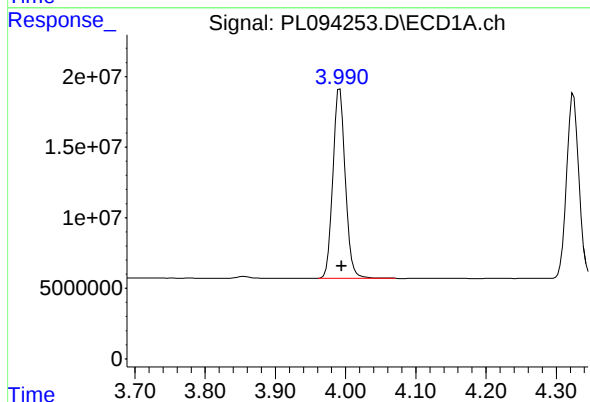
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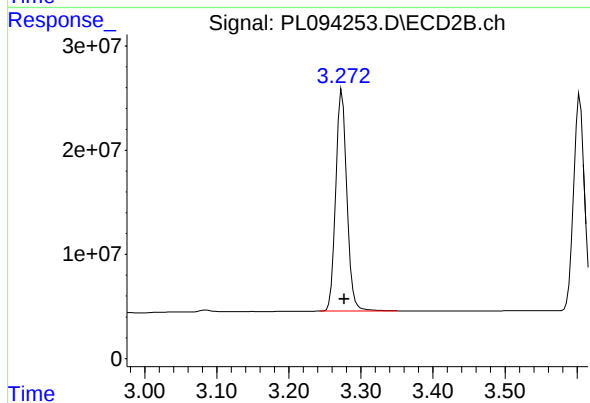
#1 Tetrachloro-m-xylene

R.T.: 2.772 min
Delta R.T.: -0.003 min
Response: 148835385
Conc: 45.60 ng/ml



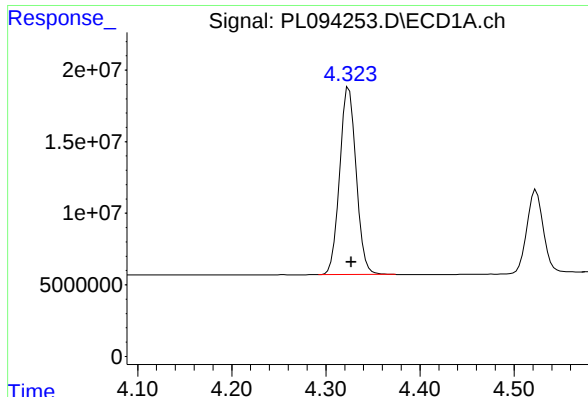
#2 alpha-BHC

R.T.: 3.992 min
Delta R.T.: -0.003 min
Response: 164760890
Conc: 42.98 ng/ml



#2 alpha-BHC

R.T.: 3.274 min
Delta R.T.: -0.003 min
Response: 225506410
Conc: 46.13 ng/ml



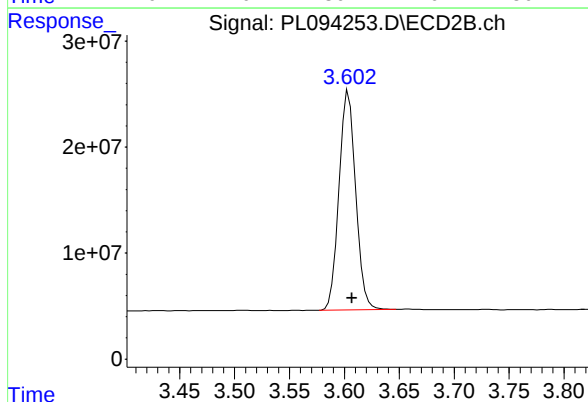
#3 gamma-BHC (Lindane)

R.T.: 4.325 min
Delta R.T.: -0.002 min
Response: 159620587
Conc: 43.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

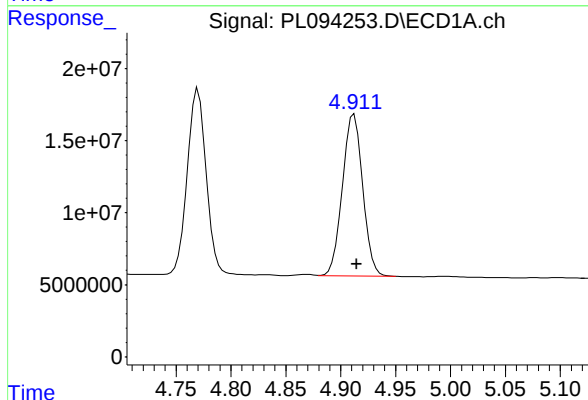
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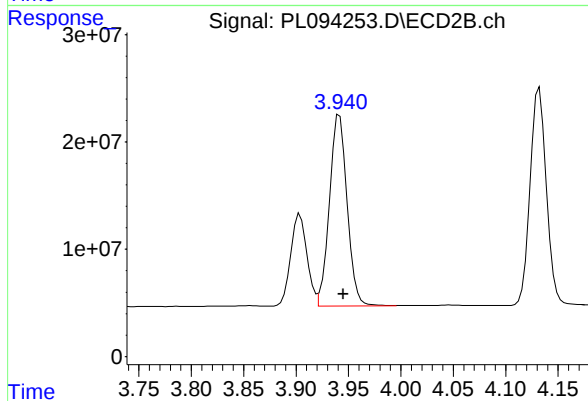
#3 gamma-BHC (Lindane)

R.T.: 3.604 min
Delta R.T.: -0.003 min
Response: 217741522
Conc: 45.93 ng/ml



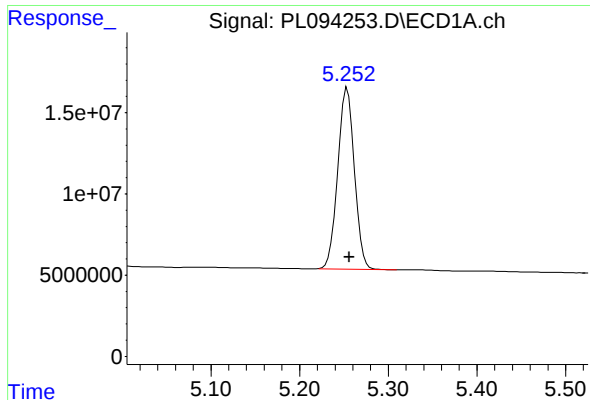
#4 Heptachlor

R.T.: 4.911 min
Delta R.T.: -0.004 min
Response: 144468897
Conc: 44.08 ng/ml m



#4 Heptachlor

R.T.: 3.942 min
Delta R.T.: -0.004 min
Response: 207779453
Conc: 44.64 ng/ml



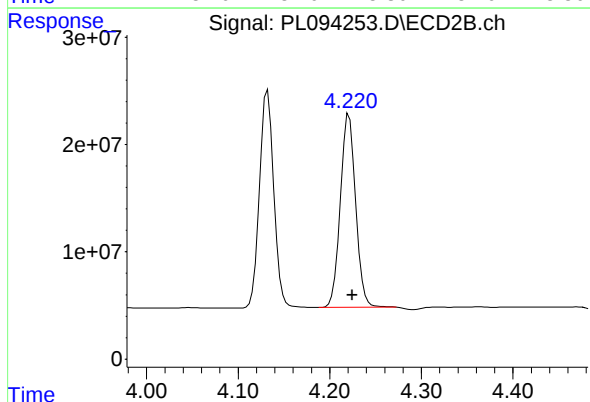
#5 Aldrin

R.T.: 5.254 min
Delta R.T.: -0.002 min
Response: 145247726
Conc: 44.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

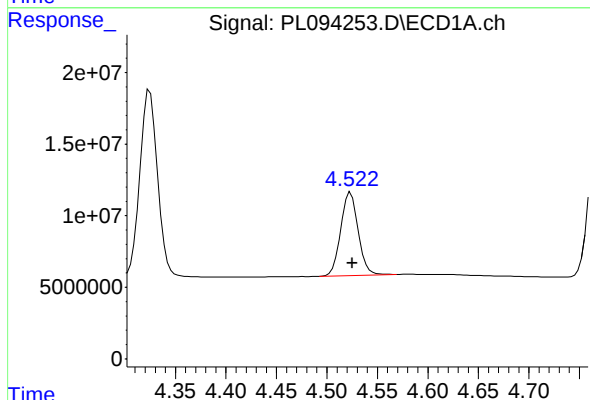
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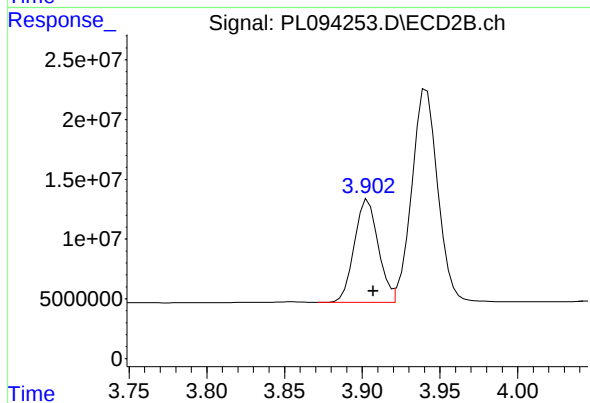
#5 Aldrin

R.T.: 4.221 min
Delta R.T.: -0.004 min
Response: 209549448
Conc: 45.94 ng/ml



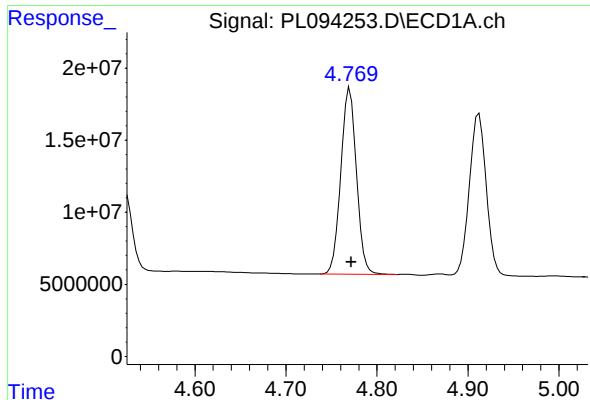
#6 beta-BHC

R.T.: 4.523 min
Delta R.T.: -0.002 min
Response: 70299102
Conc: 43.74 ng/ml



#6 beta-BHC

R.T.: 3.904 min
Delta R.T.: -0.003 min
Response: 92226556
Conc: 46.17 ng/ml



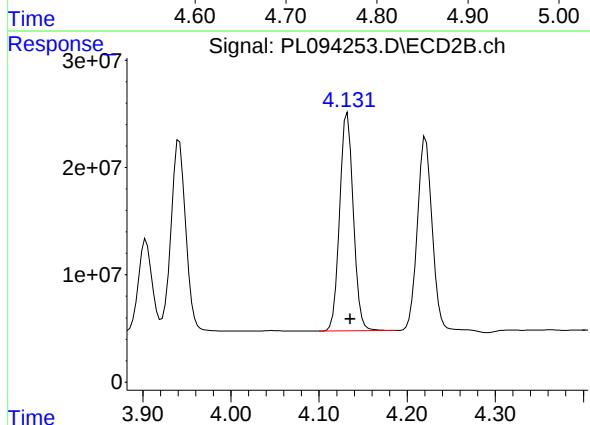
#7 delta-BHC

R.T.: 4.770 min
Delta R.T.: -0.002 min
Response: 154092281
Conc: 43.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

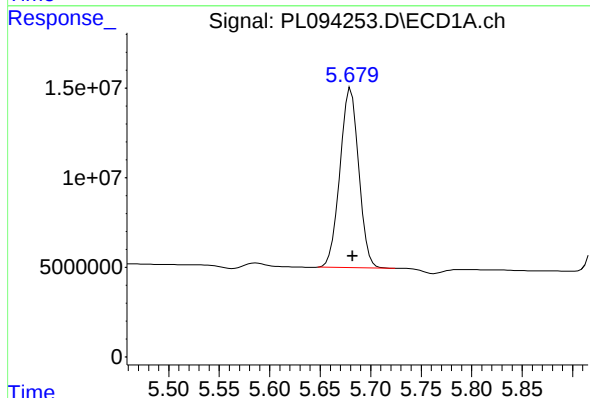
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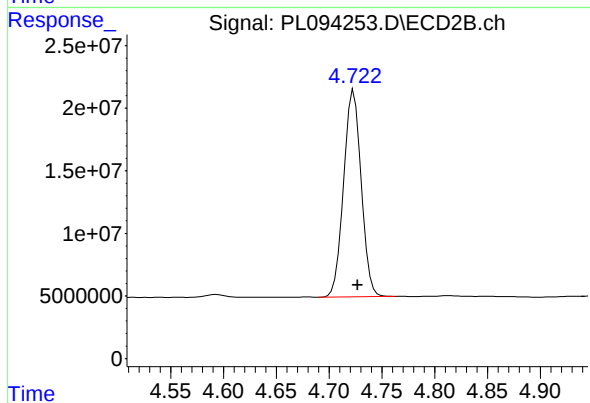
#7 delta-BHC

R.T.: 4.132 min
Delta R.T.: -0.003 min
Response: 219263319
Conc: 46.15 ng/ml



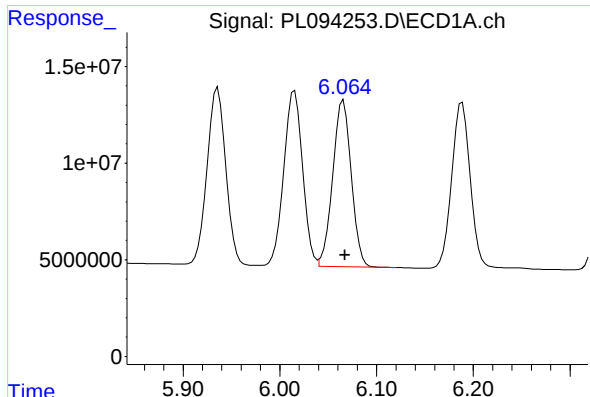
#8 Heptachlor epoxide

R.T.: 5.680 min
Delta R.T.: -0.002 min
Response: 129778987
Conc: 43.64 ng/ml



#8 Heptachlor epoxide

R.T.: 4.723 min
Delta R.T.: -0.003 min
Response: 191187144
Conc: 45.74 ng/ml



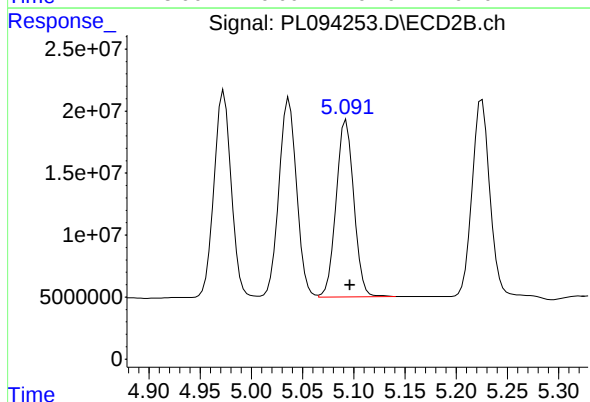
#9 Endosulfan I

R.T.: 6.066 min
Delta R.T.: -0.002 min
Response: 115162852
Conc: 43.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

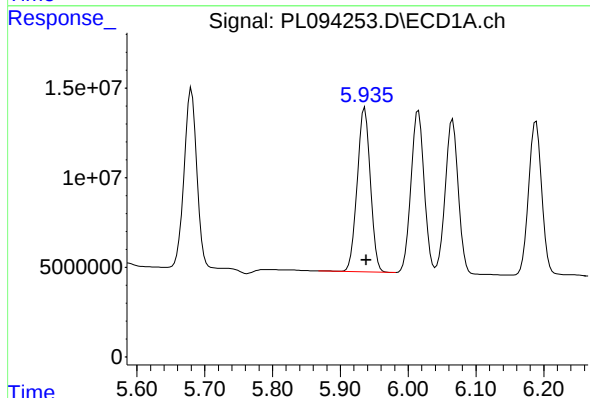
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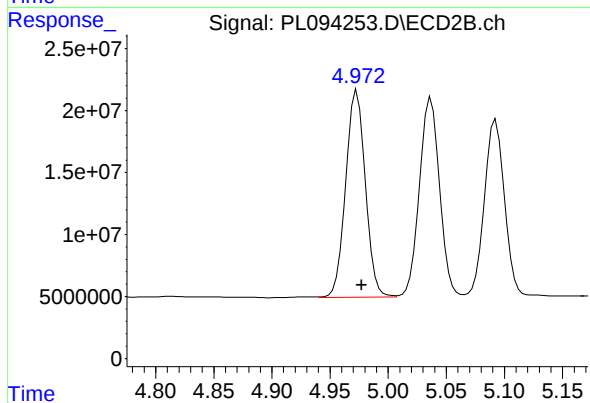
#9 Endosulfan I

R.T.: 5.093 min
Delta R.T.: -0.004 min
Response: 171035981
Conc: 44.12 ng/ml



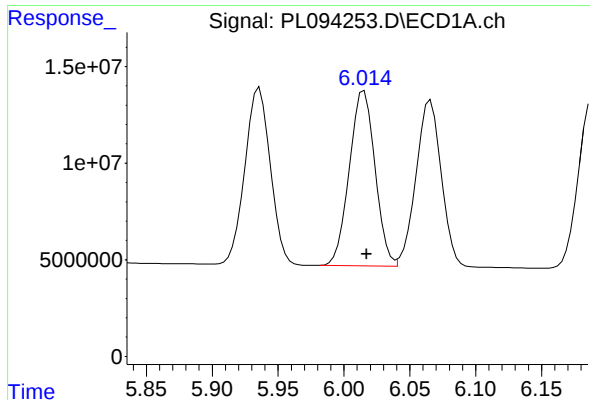
#10 gamma-Chlordane

R.T.: 5.936 min
Delta R.T.: -0.002 min
Response: 123535563
Conc: 44.32 ng/ml



#10 gamma-Chlordane

R.T.: 4.973 min
Delta R.T.: -0.004 min
Response: 195530277
Conc: 46.14 ng/ml



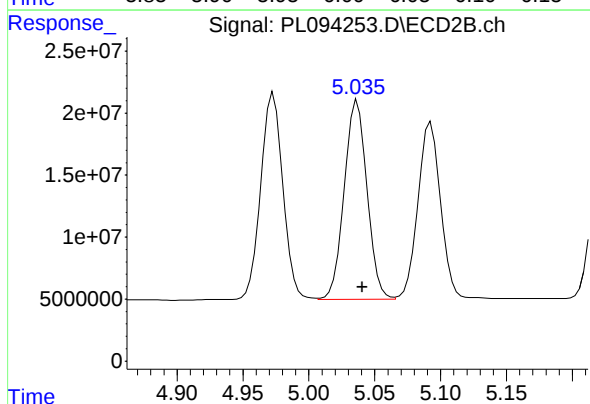
#11 alpha-Chlordane

R.T.: 6.015 min
Delta R.T.: -0.002 min
Response: 123101728
Conc: 44.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

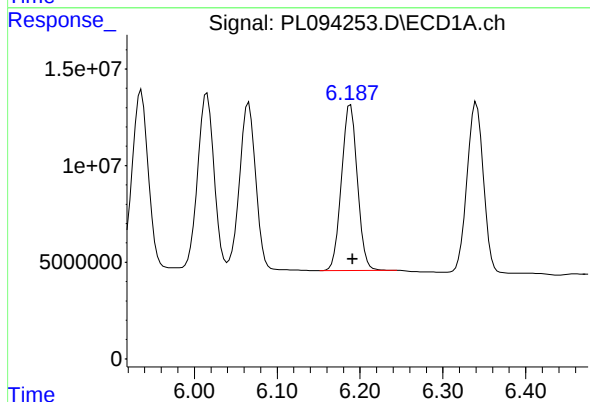
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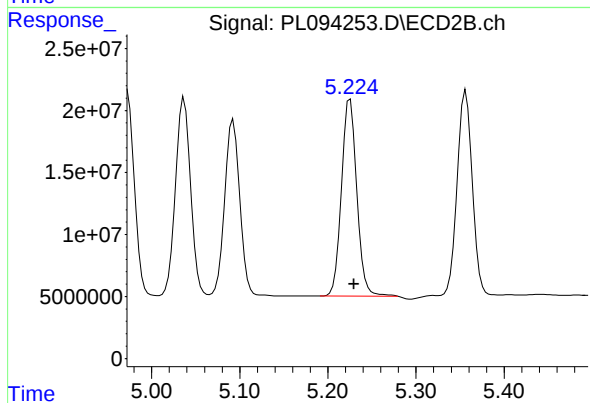
#11 alpha-Chlordane

R.T.: 5.037 min
Delta R.T.: -0.004 min
Response: 193054669
Conc: 46.11 ng/ml



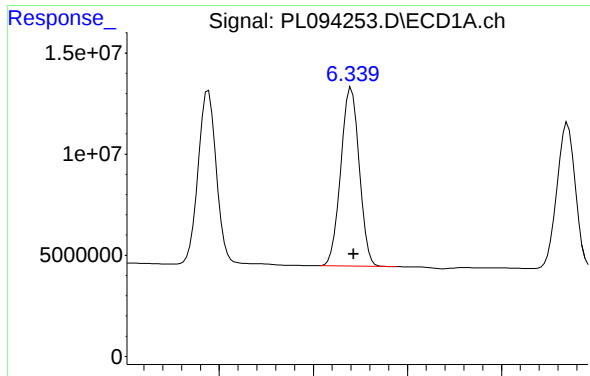
#12 4,4'-DDE

R.T.: 6.189 min
Delta R.T.: -0.003 min
Response: 114384935
Conc: 46.98 ng/ml



#12 4,4'-DDE

R.T.: 5.225 min
Delta R.T.: -0.004 min
Response: 191879926
Conc: 47.86 ng/ml



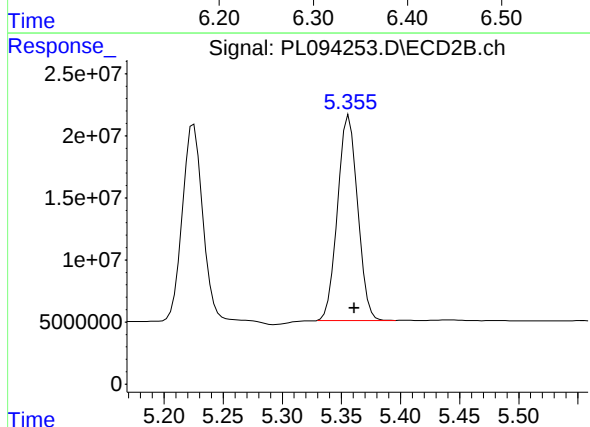
#13 Dieldrin

R.T.: 6.340 min
Delta R.T.: -0.002 min
Response: 120282125
Conc: 43.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

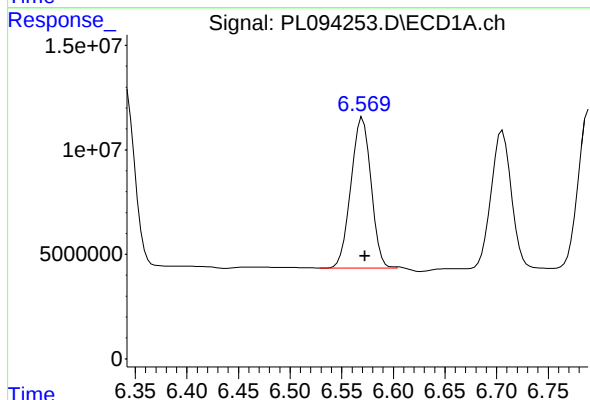
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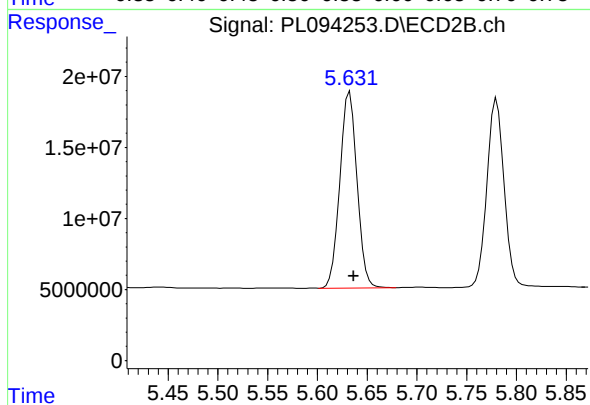
#13 Dieldrin

R.T.: 5.356 min
Delta R.T.: -0.004 min
Response: 195310829
Conc: 45.47 ng/ml



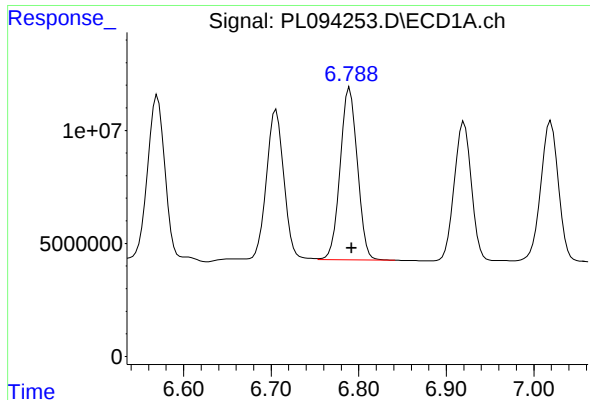
#14 Endrin

R.T.: 6.569 min
Delta R.T.: -0.004 min
Response: 98005787
Conc: 41.80 ng/ml m



#14 Endrin

R.T.: 5.631 min
Delta R.T.: -0.005 min
Response: 166386357
Conc: 45.06 ng/ml m



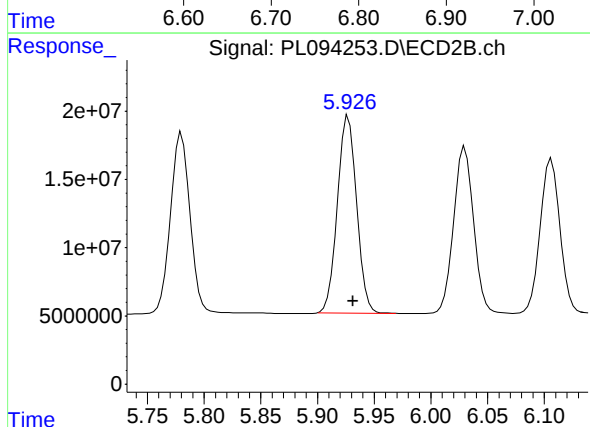
#15 Endosulfan II

R.T.: 6.790 min
Delta R.T.: -0.002 min
Response: 104348976
Conc: 43.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

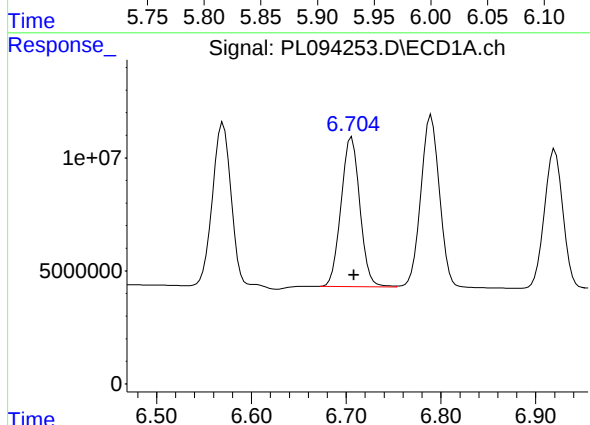
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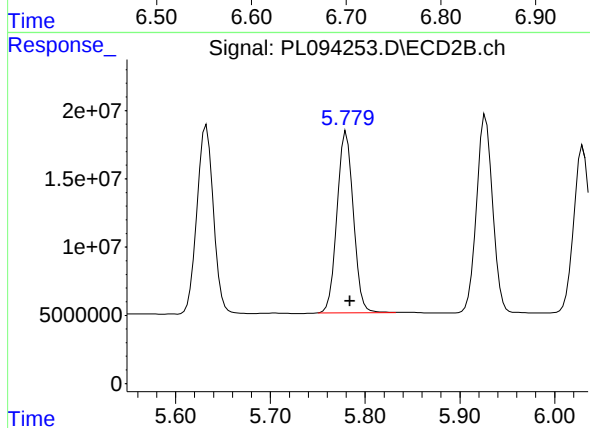
#15 Endosulfan II

R.T.: 5.927 min
Delta R.T.: -0.004 min
Response: 170526708
Conc: 46.04 ng/ml



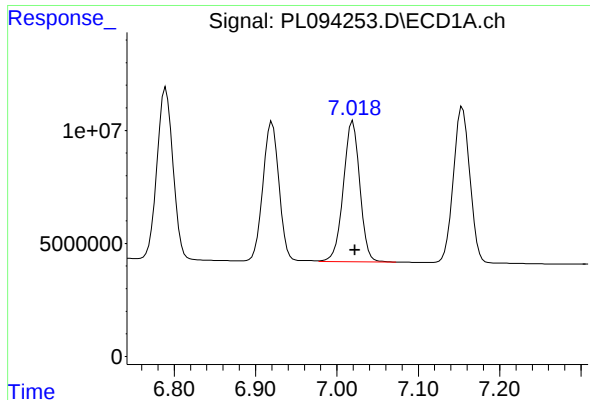
#16 4,4'-DDD

R.T.: 6.706 min
Delta R.T.: -0.002 min
Response: 91326439
Conc: 48.05 ng/ml



#16 4,4'-DDD

R.T.: 5.780 min
Delta R.T.: -0.004 min
Response: 158783699
Conc: 50.30 ng/ml



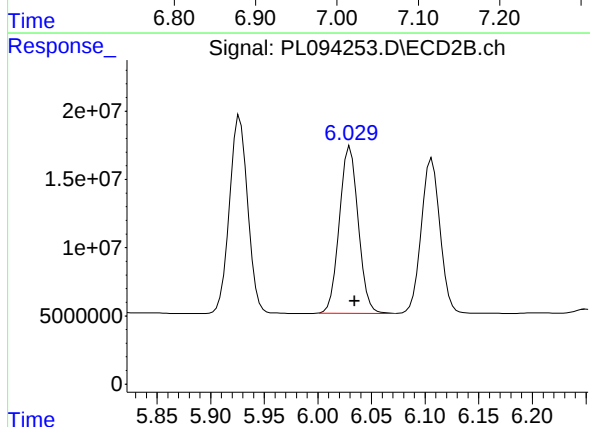
#17 4,4'-DDT

R.T.: 7.020 min
Delta R.T.: -0.003 min
Response: 87675570
Conc: 44.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

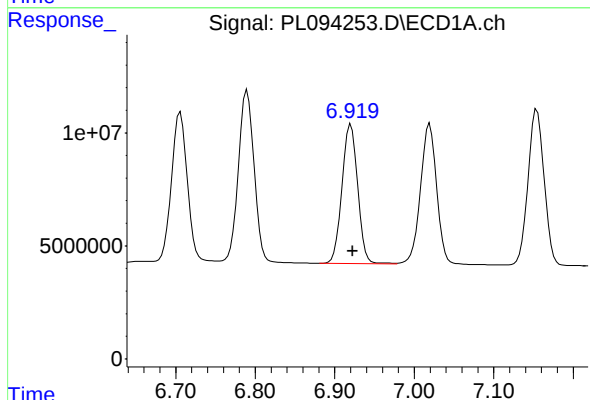
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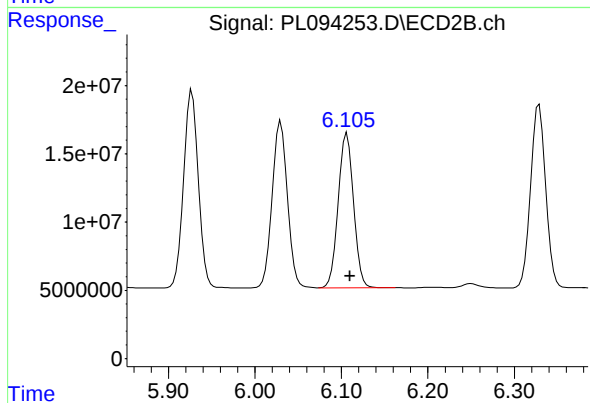
#17 4,4'-DDT

R.T.: 6.030 min
Delta R.T.: -0.004 min
Response: 149846944
Conc: 46.05 ng/ml



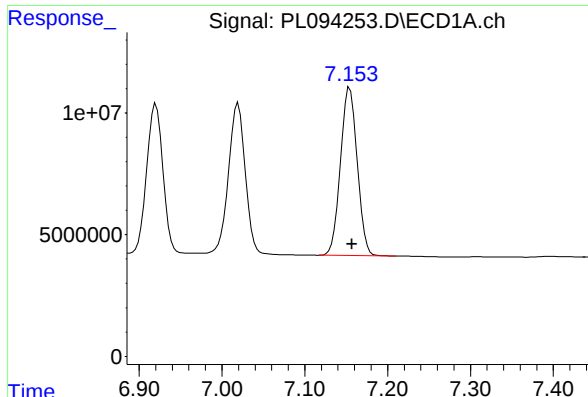
#18 Endrin aldehyde

R.T.: 6.920 min
Delta R.T.: -0.002 min
Response: 84443796
Conc: 43.44 ng/ml



#18 Endrin aldehyde

R.T.: 6.106 min
Delta R.T.: -0.004 min
Response: 137846449
Conc: 45.28 ng/ml



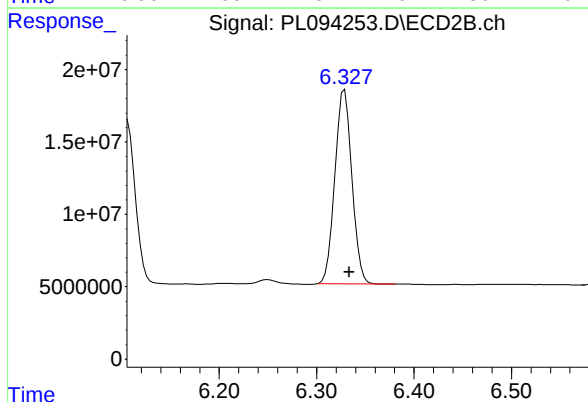
#19 Endosulfan Sulfate

R.T.: 7.154 min
Delta R.T.: -0.003 min
Response: 96937390
Conc: 42.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

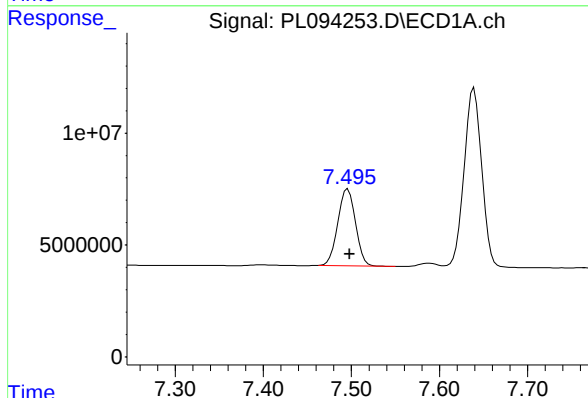
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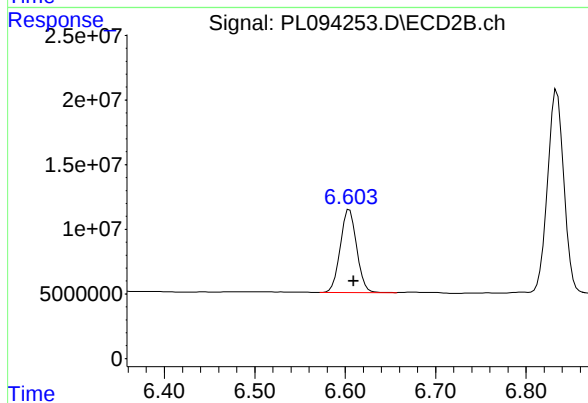
#19 Endosulfan Sulfate

R.T.: 6.329 min
Delta R.T.: -0.005 min
Response: 162417884
Conc: 45.55 ng/ml



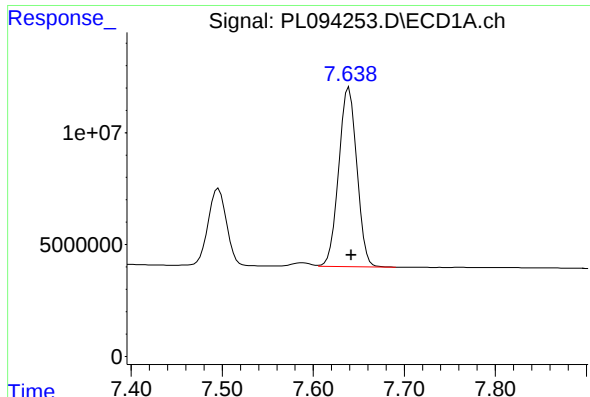
#20 Methoxychlor

R.T.: 7.496 min
Delta R.T.: -0.002 min
Response: 48009422
Conc: 46.01 ng/ml



#20 Methoxychlor

R.T.: 6.605 min
Delta R.T.: -0.005 min
Response: 80500523
Conc: 45.02 ng/ml



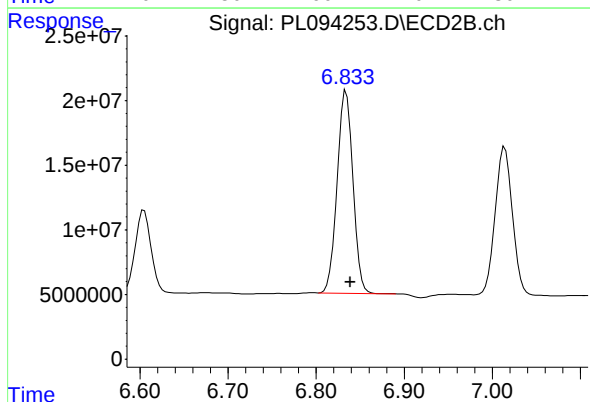
#21 Endrin ketone

R.T.: 7.639 min
Delta R.T.: -0.003 min
Response: 111161093
Conc: 44.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

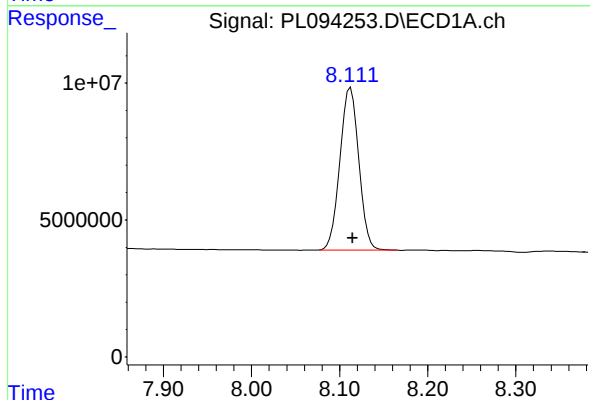
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/19/2025
Supervised By :Ankita Jodhani 02/20/2025



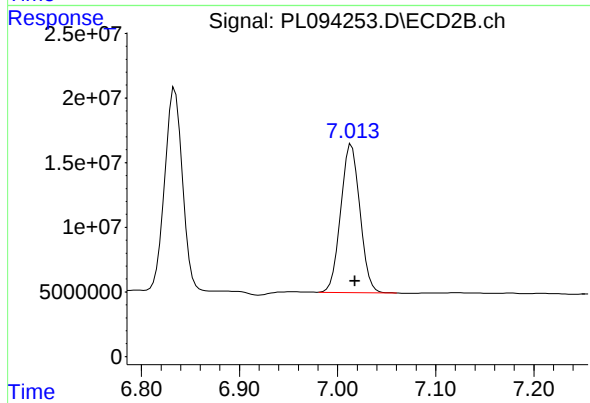
#21 Endrin ketone

R.T.: 6.834 min
Delta R.T.: -0.005 min
Response: 195352034
Conc: 46.57 ng/ml



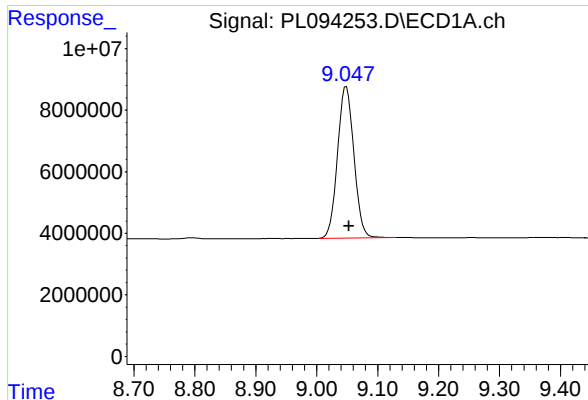
#22 Mirex

R.T.: 8.112 min
Delta R.T.: -0.002 min
Response: 88495080
Conc: 42.49 ng/ml



#22 Mirex

R.T.: 7.014 min
Delta R.T.: -0.003 min
Response: 155965684
Conc: 46.12 ng/ml



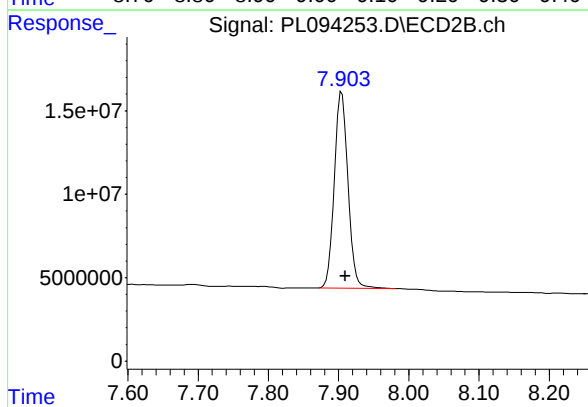
#28 Decachlorobiphenyl

R.T.: 9.049 min
Delta R.T.: -0.004 min
Response: 92071946
Conc: 44.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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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: 159123150
Conc: 45.41 ng/ml