

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022025\
 Data File : PL094305.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Feb 2025 13:00
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/21/2025
 Supervised By :Ankita Jodhani 02/21/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 21 01:38:22 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	131.9E6	170.9E6	48.981	52.353
28)	SA Decachlor...	9.051	7.905	108.4E6	196.0E6	51.804	55.934
Target Compounds							
2)	A alpha-BHC	3.992	3.273	192.9E6	262.3E6	50.321	53.648
3)	MA gamma-BHC...	4.324	3.603	186.9E6	254.6E6	50.753	53.702
4)	MA Heptachlor	4.910	3.941	169.2E6	245.4E6	51.622m	52.713
5)	MB Aldrin	5.253	4.220	172.0E6	248.7E6	52.575	54.524
6)	B beta-BHC	4.523	3.903	81109720	106.1E6	50.463	53.139
7)	B delta-BHC	4.770	4.132	182.1E6	256.1E6	51.956	53.906
8)	B Heptachlo...	5.680	4.723	154.3E6	227.4E6	51.874	54.405
9)	A Endosulfan I	6.065	5.092	136.9E6	204.6E6	51.810	52.773
10)	B gamma-Chl...	5.936	4.972	146.7E6	231.5E6	52.622	54.624
11)	B alpha-Chl...	6.015	5.036	145.7E6	228.7E6	52.249	54.633
12)	B 4,4'-DDE	6.189	5.225	135.4E6	229.5E6	55.627	57.233
13)	MA Dieldrin	6.340	5.356	143.9E6	232.0E6	51.847	54.010
14)	MA Endrin	6.569	5.630	112.1E6	189.8E6	47.820m	51.408m
15)	B Endosulfa...	6.790	5.925	123.0E6	205.5E6	51.052	55.475m
16)	A 4,4'-DDD	6.706	5.780	108.2E6	187.7E6	56.946	59.460
17)	MA 4,4'-DDT	7.020	6.030	100.8E6	175.2E6	51.105	53.845
18)	B Endrin al...	6.920	6.106	100.7E6	167.1E6	51.783	54.884
19)	B Endosulfa...	7.155	6.329	114.1E6	195.5E6	50.384	54.832
20)	A Methoxychlor	7.496	6.605	54245211	95245578	51.989	53.265
21)	B Endrin ke...	7.640	6.834	133.0E6	237.5E6	52.742	56.618
22)	Mirex	8.112	7.014	103.5E6	184.4E6	49.698	54.522

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022025\
Data File : PL094305.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 13:00
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

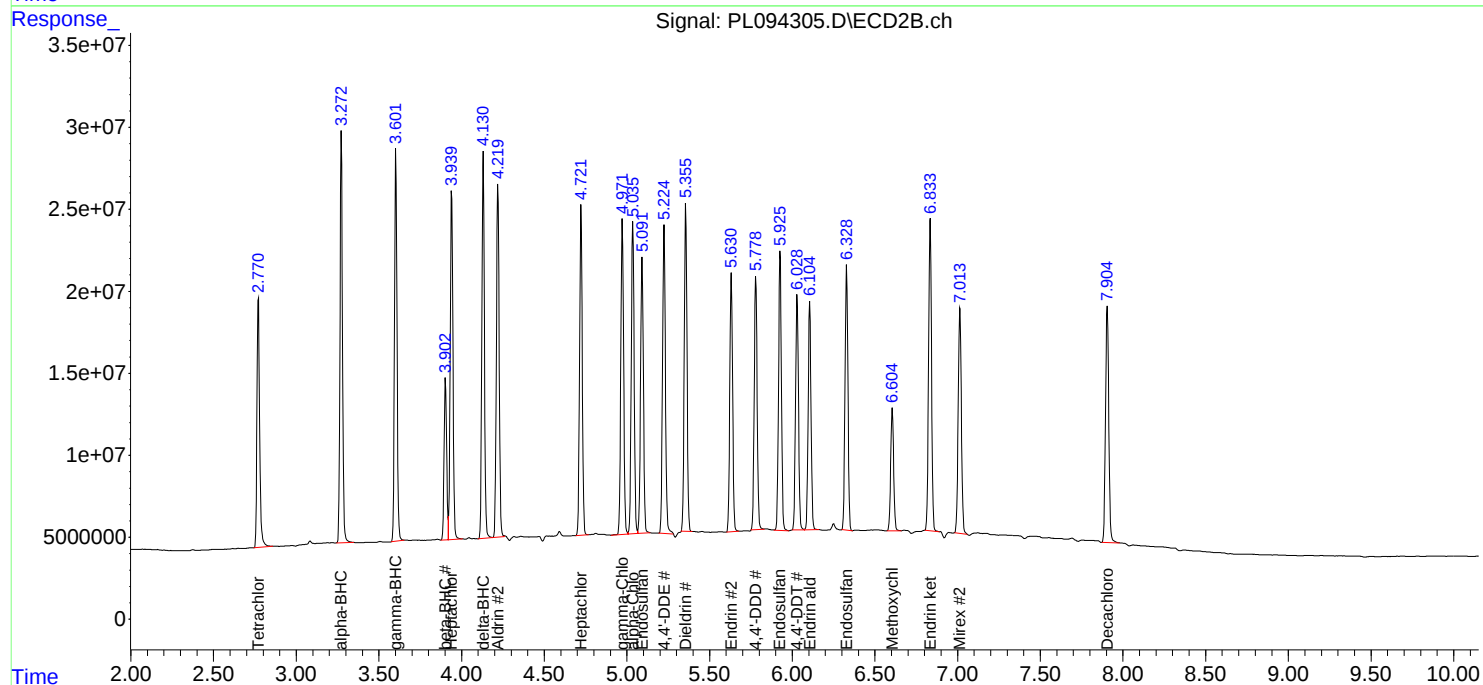
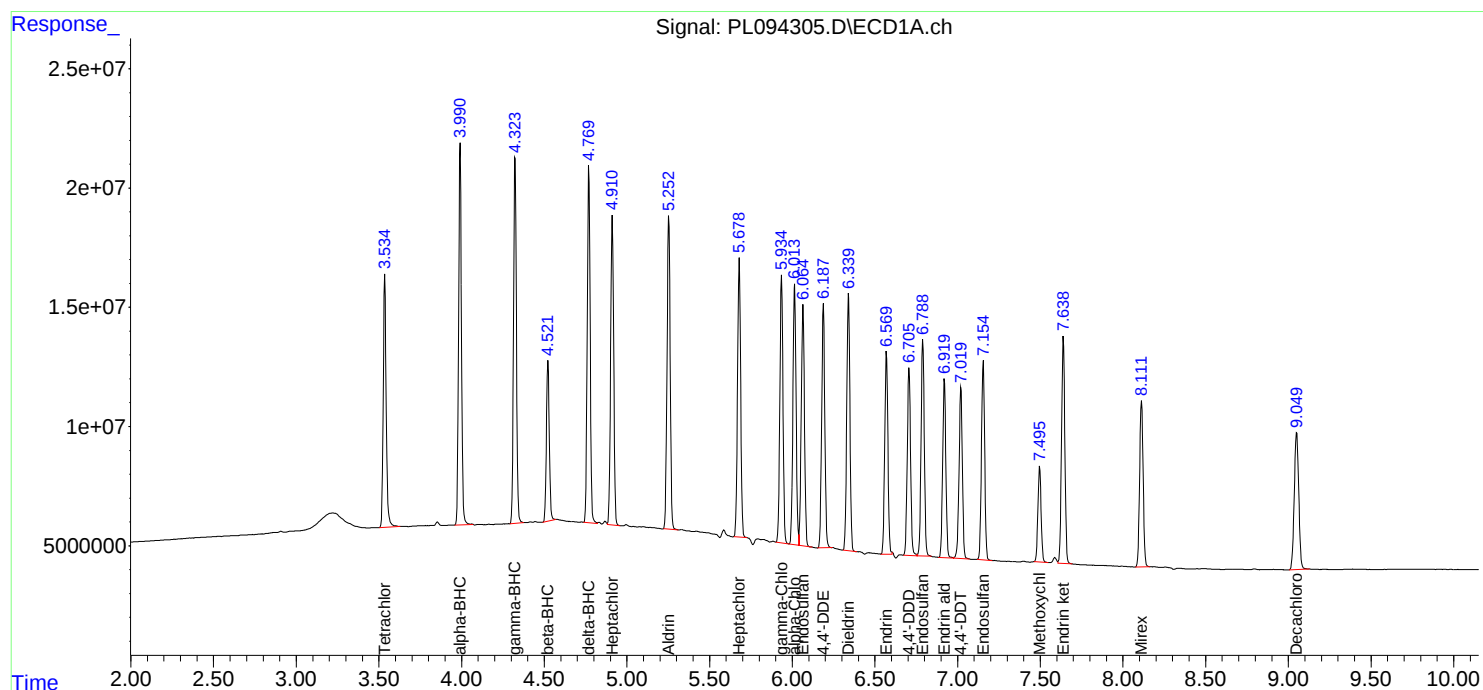
APPROVED

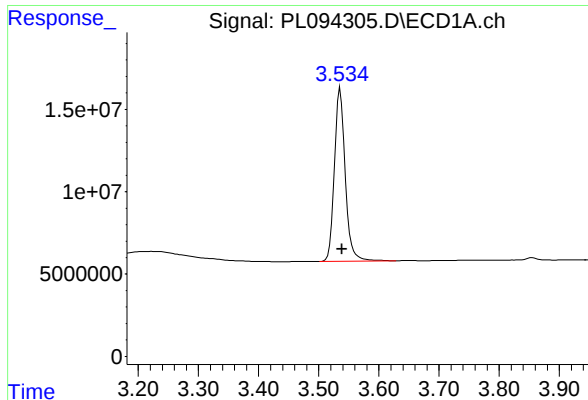
Reviewed By :Abdul Mirza 02/21/2025

Supervised By :Ankita Jodhani 02/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 01:38:22 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





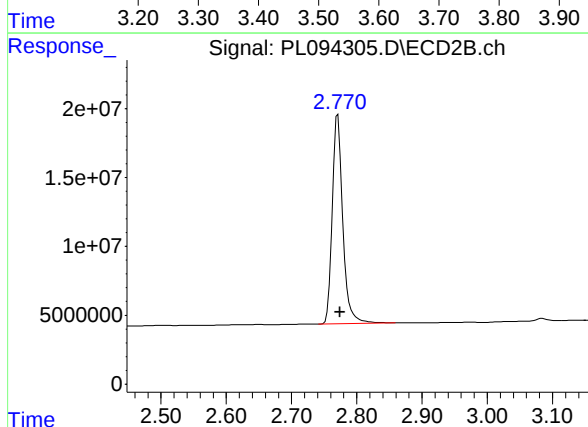
#1 Tetrachloro-m-xylene

R.T.: 3.536 min
Delta R.T.: -0.003 min
Response: 131894628
Conc: 48.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

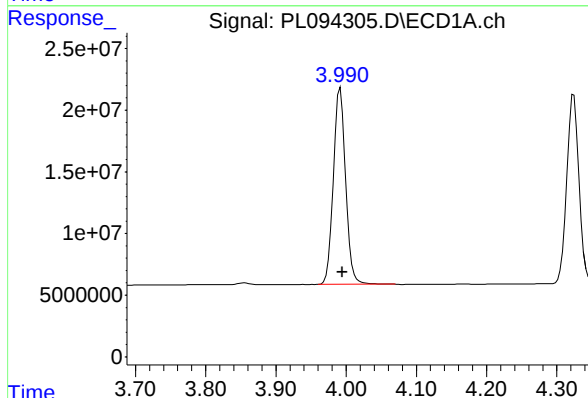
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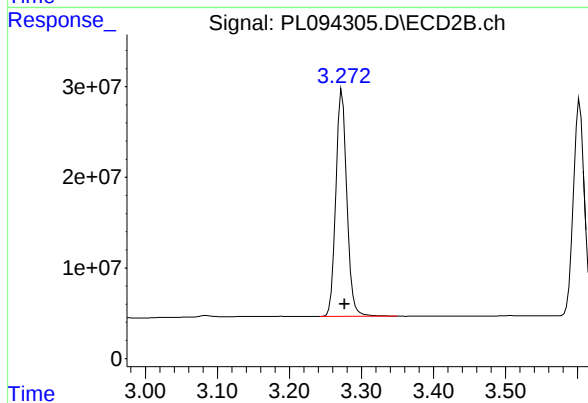
#1 Tetrachloro-m-xylene

R.T.: 2.771 min
Delta R.T.: -0.003 min
Response: 170886950
Conc: 52.35 ng/ml



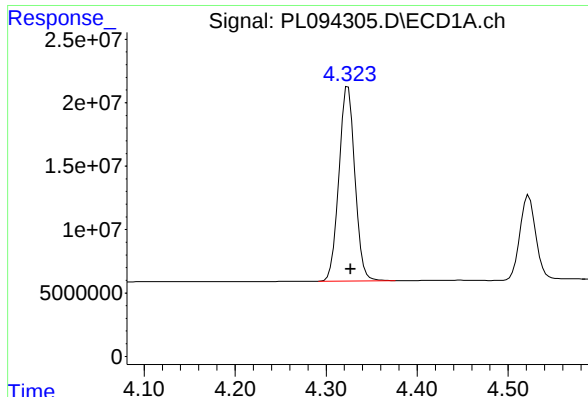
#2 alpha-BHC

R.T.: 3.992 min
Delta R.T.: -0.003 min
Response: 192922290
Conc: 50.32 ng/ml



#2 alpha-BHC

R.T.: 3.273 min
Delta R.T.: -0.004 min
Response: 262281697
Conc: 53.65 ng/ml



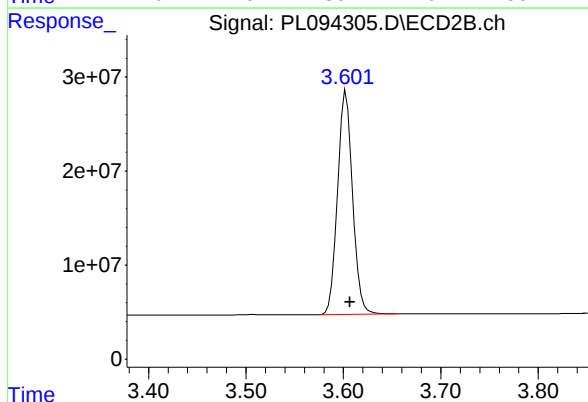
#3 gamma-BHC (Lindane)

R.T.: 4.324 min
Delta R.T.: -0.003 min
Response: 186915862
Conc: 50.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

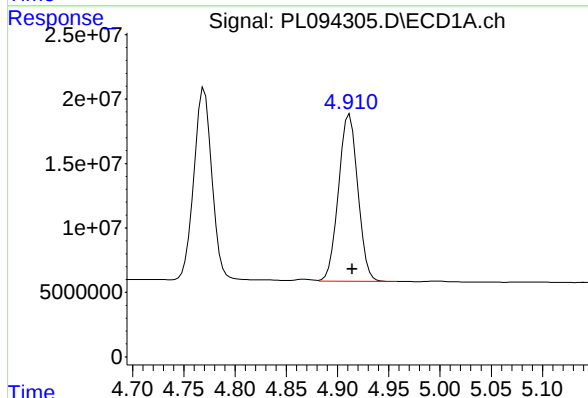
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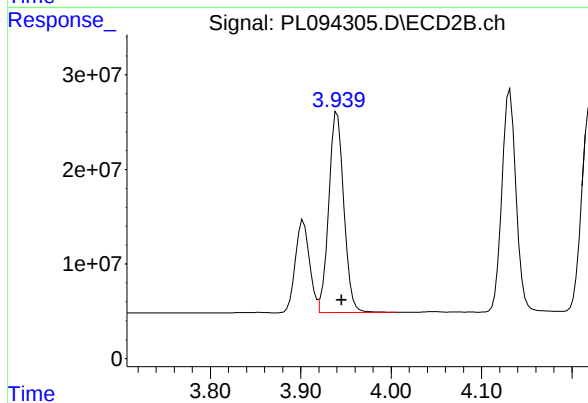
#3 gamma-BHC (Lindane)

R.T.: 3.603 min
Delta R.T.: -0.004 min
Response: 254610482
Conc: 53.70 ng/ml



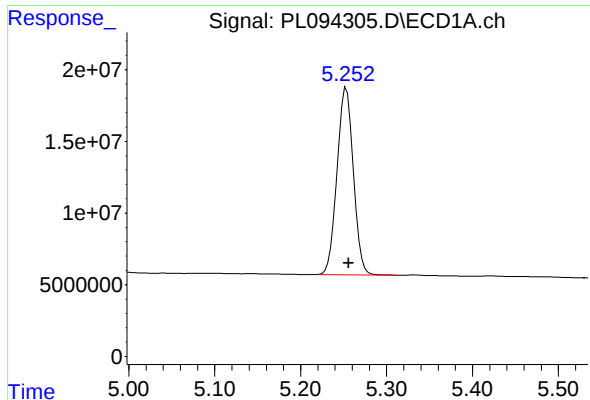
#4 Heptachlor

R.T.: 4.910 min
Delta R.T.: -0.004 min
Response: 169181731
Conc: 51.62 ng/ml m



#4 Heptachlor

R.T.: 3.941 min
Delta R.T.: -0.005 min
Response: 245366897
Conc: 52.71 ng/ml



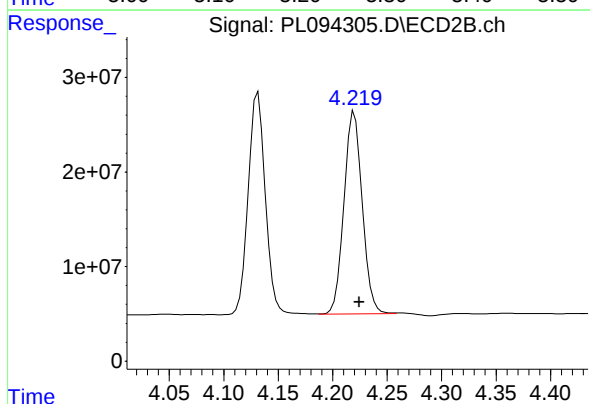
#5 Aldrin

R.T.: 5.253 min
Delta R.T.: -0.002 min
Response: 172023050
Conc: 52.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

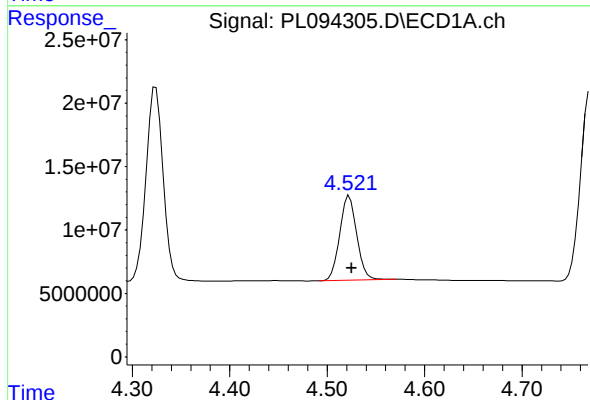
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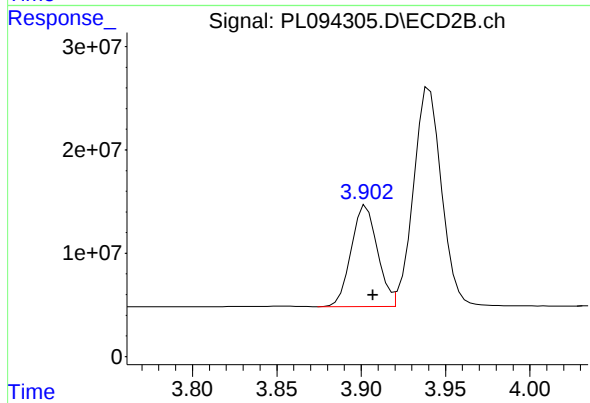
#5 Aldrin

R.T.: 4.220 min
Delta R.T.: -0.005 min
Response: 248728279
Conc: 54.52 ng/ml



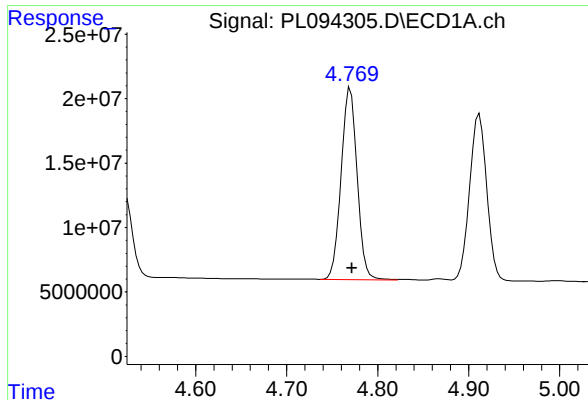
#6 beta-BHC

R.T.: 4.523 min
Delta R.T.: -0.002 min
Response: 81109720
Conc: 50.46 ng/ml



#6 beta-BHC

R.T.: 3.903 min
Delta R.T.: -0.004 min
Response: 106142161
Conc: 53.14 ng/ml



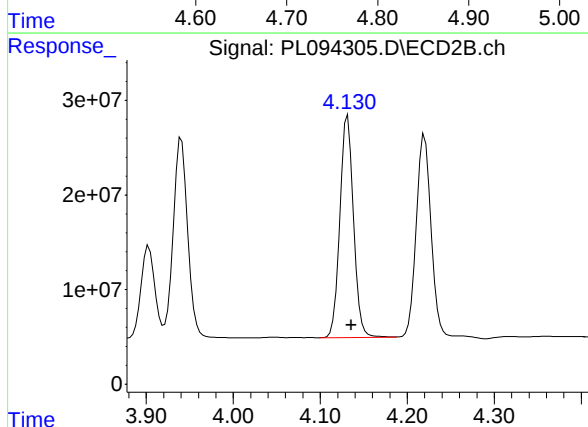
#7 delta-BHC

R.T.: 4.770 min
Delta R.T.: -0.002 min
Response: 182120665
Conc: 51.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

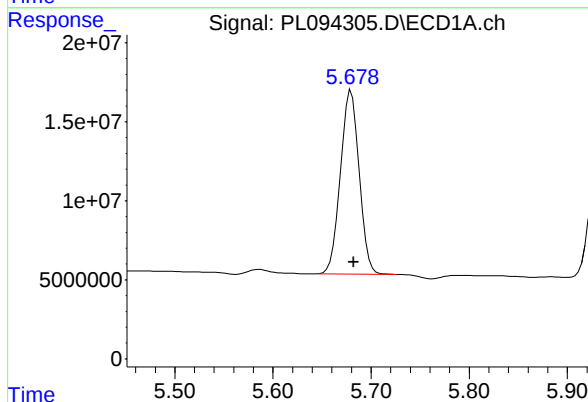
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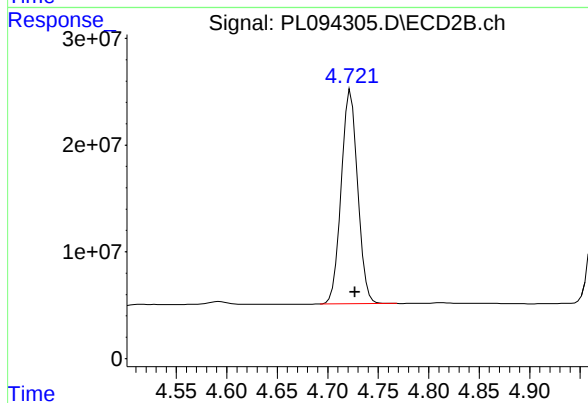
#7 delta-BHC

R.T.: 4.132 min
Delta R.T.: -0.004 min
Response: 256120841
Conc: 53.91 ng/ml



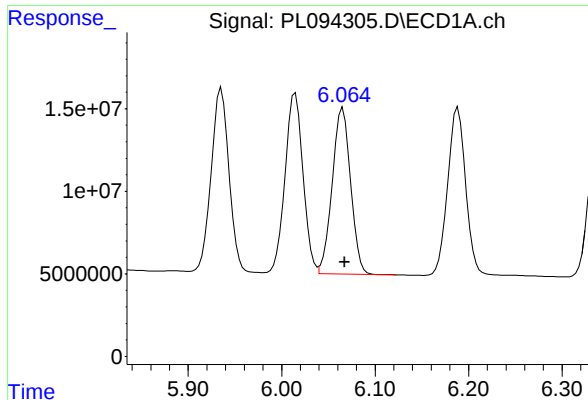
#8 Heptachlor epoxide

R.T.: 5.680 min
Delta R.T.: -0.003 min
Response: 154264443
Conc: 51.87 ng/ml



#8 Heptachlor epoxide

R.T.: 4.723 min
Delta R.T.: -0.004 min
Response: 227424941
Conc: 54.40 ng/ml



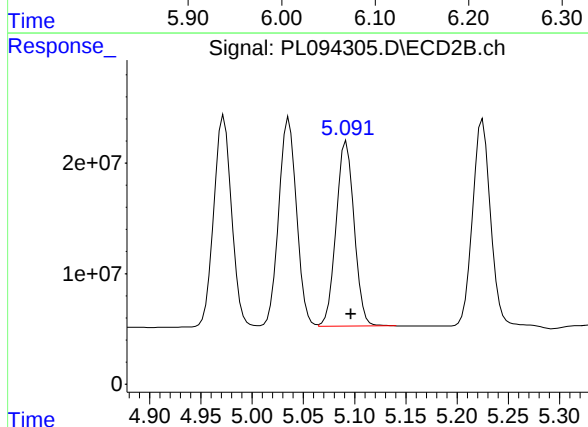
#9 Endosulfan I

R.T.: 6.065 min
Delta R.T.: -0.002 min
Response: 136927261
Conc: 51.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

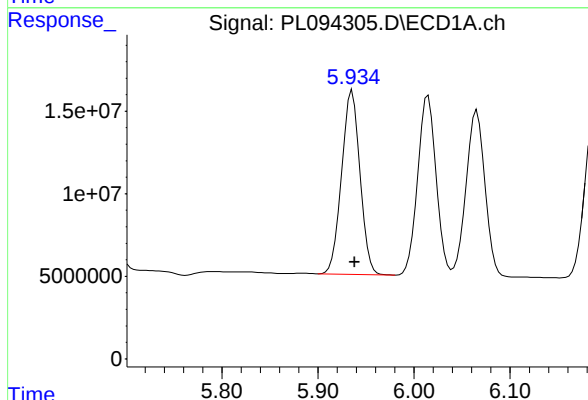
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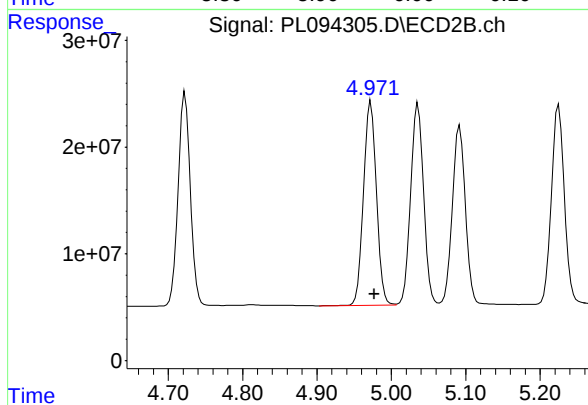
#9 Endosulfan I

R.T.: 5.092 min
Delta R.T.: -0.004 min
Response: 204594889
Conc: 52.77 ng/ml



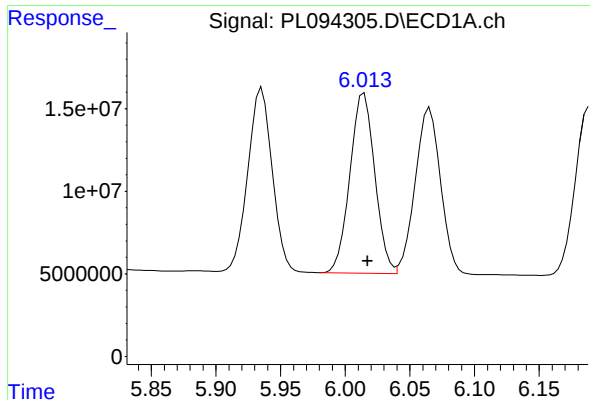
#10 gamma-Chlordane

R.T.: 5.936 min
Delta R.T.: -0.003 min
Response: 146677848
Conc: 52.62 ng/ml



#10 gamma-Chlordane

R.T.: 4.972 min
Delta R.T.: -0.005 min
Response: 231476706
Conc: 54.62 ng/ml



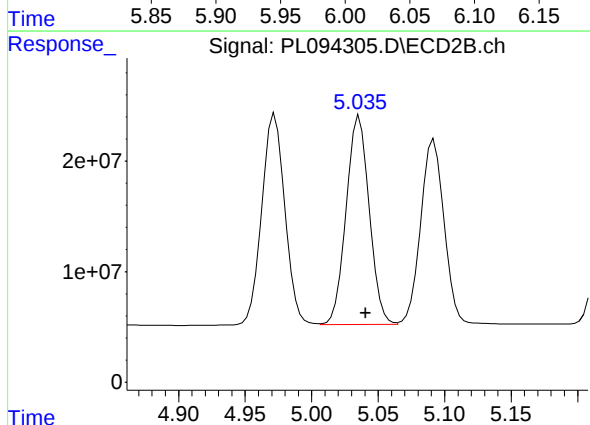
#11 alpha-Chlordane

R.T.: 6.015 min
Delta R.T.: -0.003 min
Response: 145691930
Conc: 52.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

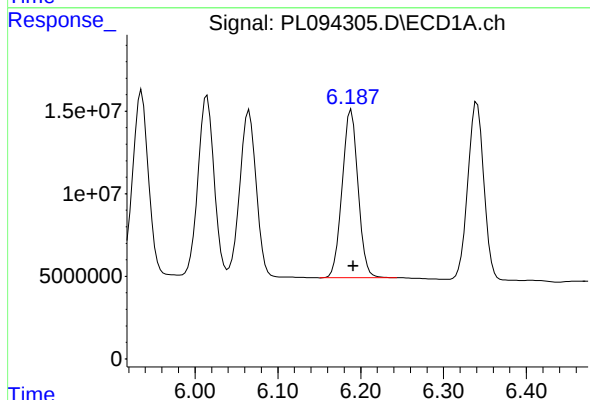
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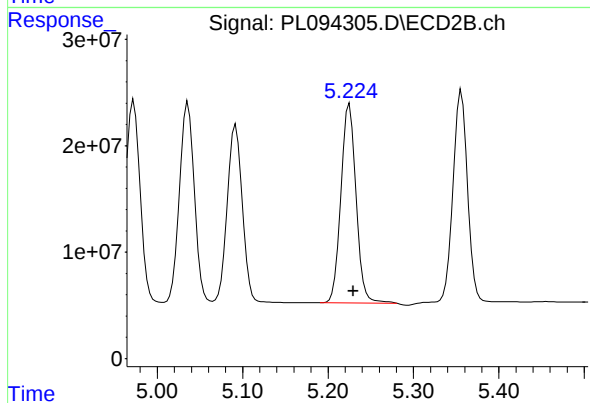
#11 alpha-Chlordane

R.T.: 5.036 min
Delta R.T.: -0.005 min
Response: 228726134
Conc: 54.63 ng/ml



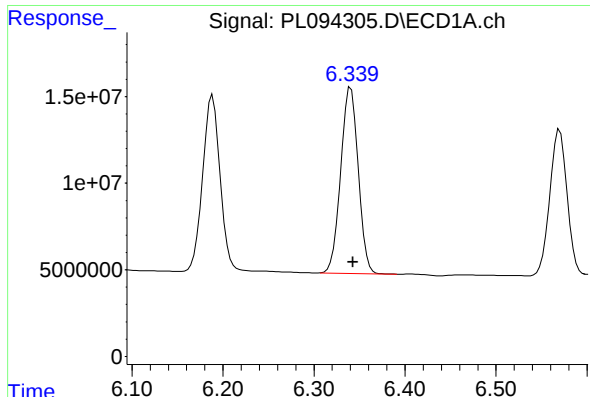
#12 4,4'-DDE

R.T.: 6.189 min
Delta R.T.: -0.003 min
Response: 135429399
Conc: 55.63 ng/ml



#12 4,4'-DDE

R.T.: 5.225 min
Delta R.T.: -0.004 min
Response: 229472447
Conc: 57.23 ng/ml



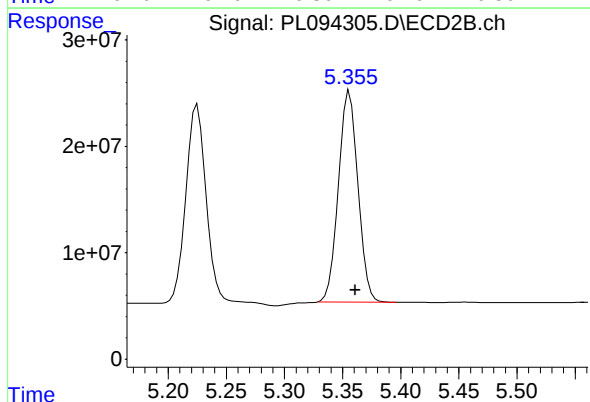
#13 Dieldrin

R.T.: 6.340 min
Delta R.T.: -0.002 min
Response: 143919195
Conc: 51.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

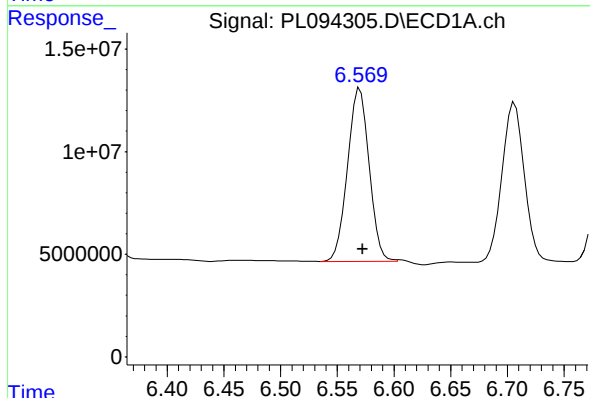
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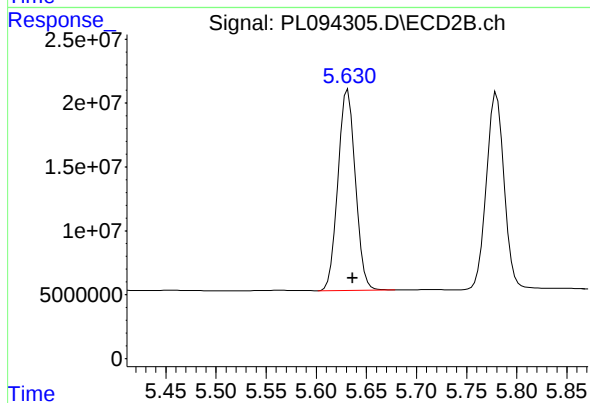
#13 Dieldrin

R.T.: 5.356 min
Delta R.T.: -0.005 min
Response: 232007914
Conc: 54.01 ng/ml



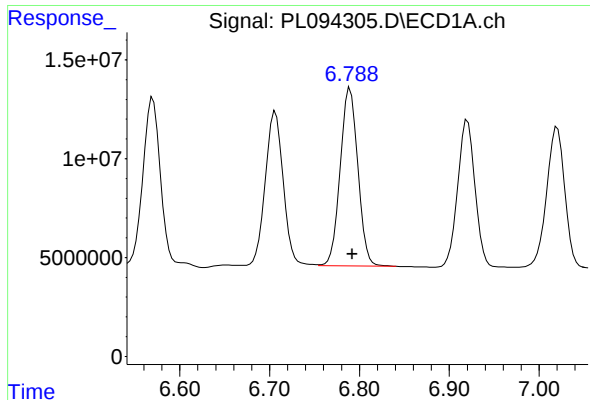
#14 Endrin

R.T.: 6.569 min
Delta R.T.: -0.004 min
Response: 112129924
Conc: 47.82 ng/ml m



#14 Endrin

R.T.: 5.630 min
Delta R.T.: -0.006 min
Response: 189834748
Conc: 51.41 ng/ml m



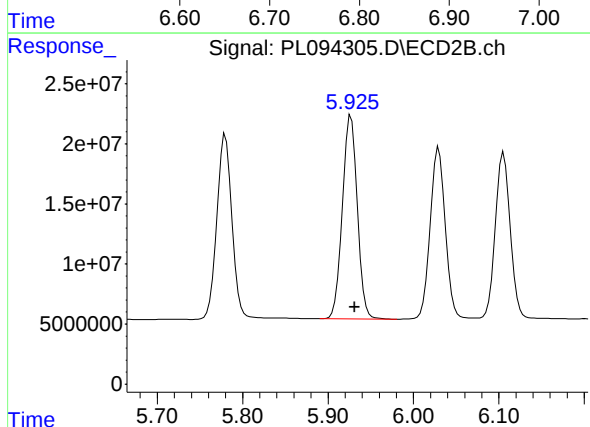
#15 Endosulfan II

R.T.: 6.790 min
Delta R.T.: -0.003 min
Response: 123002178
Conc: 51.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

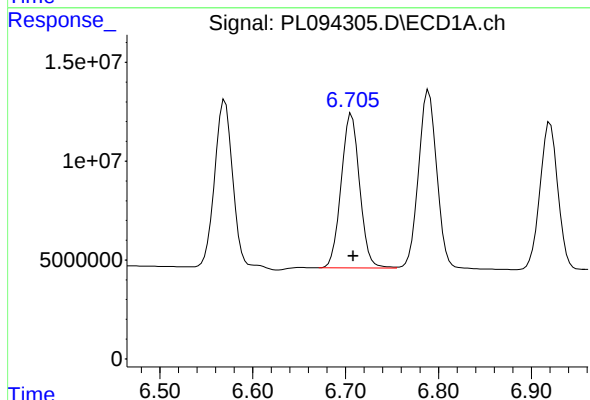
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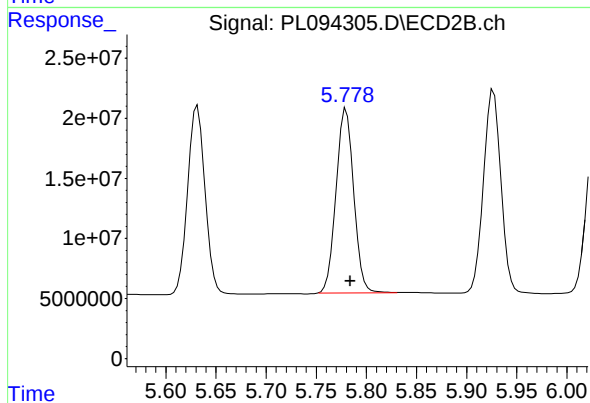
#15 Endosulfan II

R.T.: 5.925 min
Delta R.T.: -0.006 min
Response: 205469822
Conc: 55.47 ng/ml m



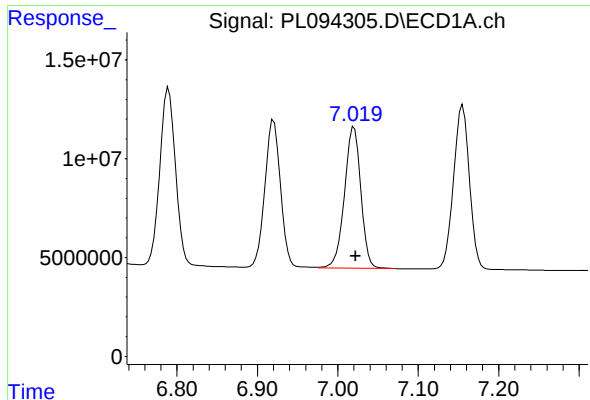
#16 4,4'-DDD

R.T.: 6.706 min
Delta R.T.: -0.002 min
Response: 108228670
Conc: 56.95 ng/ml



#16 4,4'-DDD

R.T.: 5.780 min
Delta R.T.: -0.004 min
Response: 187688122
Conc: 59.46 ng/ml



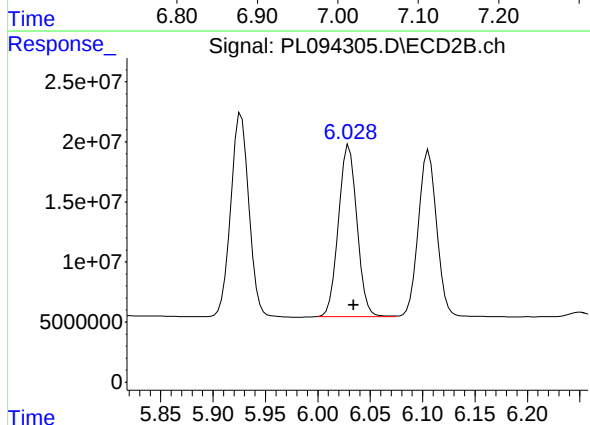
#17 4,4'-DDT

R.T.: 7.020 min
Delta R.T.: -0.002 min
Response: 100782100
Conc: 51.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

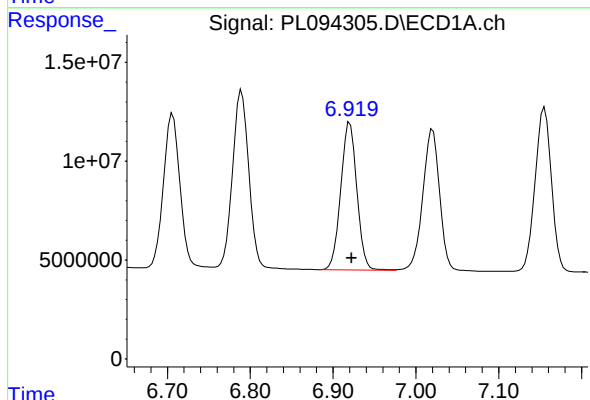
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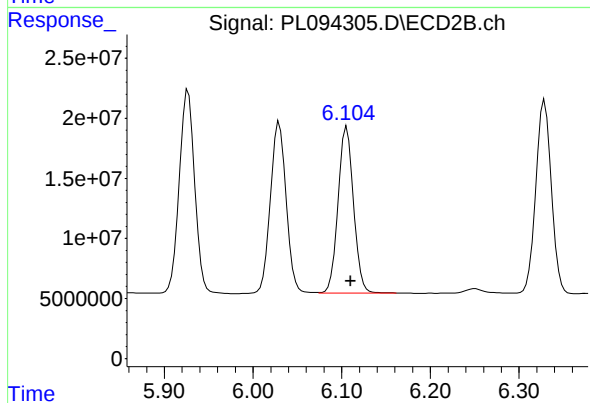
#17 4,4'-DDT

R.T.: 6.030 min
Delta R.T.: -0.005 min
Response: 175213542
Conc: 53.84 ng/ml



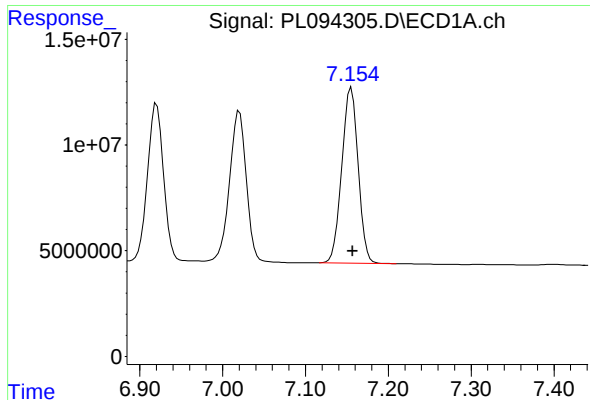
#18 Endrin aldehyde

R.T.: 6.920 min
Delta R.T.: -0.002 min
Response: 100669583
Conc: 51.78 ng/ml



#18 Endrin aldehyde

R.T.: 6.106 min
Delta R.T.: -0.004 min
Response: 167100909
Conc: 54.88 ng/ml



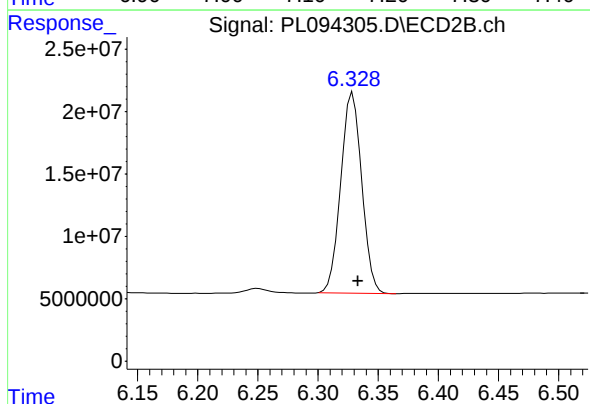
#19 Endosulfan Sulfate

R.T.: 7.155 min
Delta R.T.: -0.002 min
Response: 114056333
Conc: 50.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

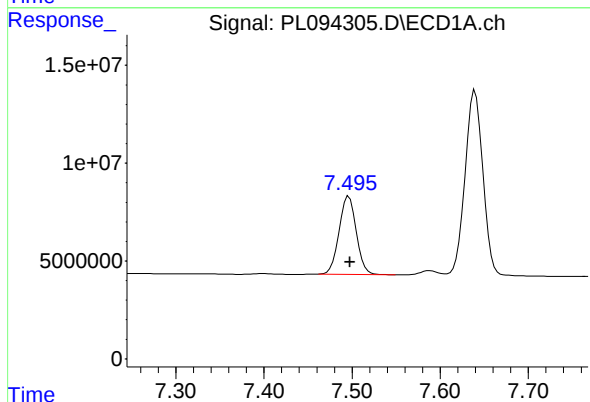
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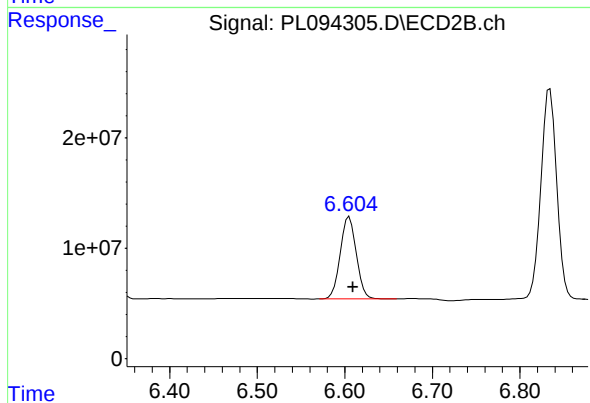
#19 Endosulfan Sulfate

R.T.: 6.329 min
Delta R.T.: -0.005 min
Response: 195533966
Conc: 54.83 ng/ml



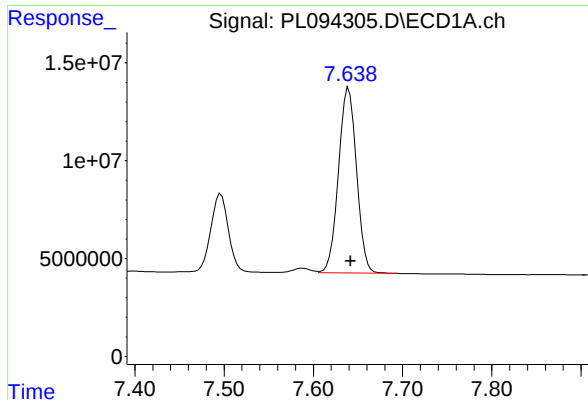
#20 Methoxychlor

R.T.: 7.496 min
Delta R.T.: -0.002 min
Response: 54245211
Conc: 51.99 ng/ml



#20 Methoxychlor

R.T.: 6.605 min
Delta R.T.: -0.004 min
Response: 95245578
Conc: 53.27 ng/ml



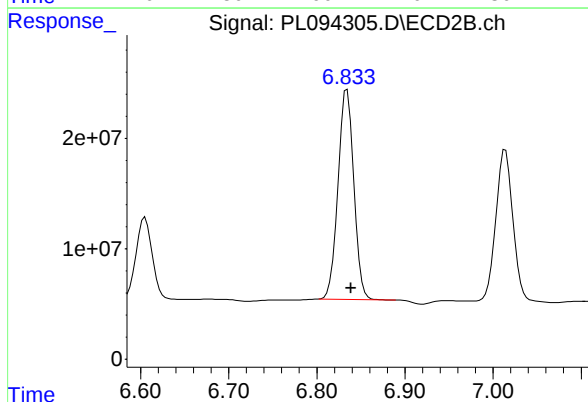
#21 Endrin ketone

R.T.: 7.640 min
Delta R.T.: -0.002 min
Response: 133048490
Conc: 52.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

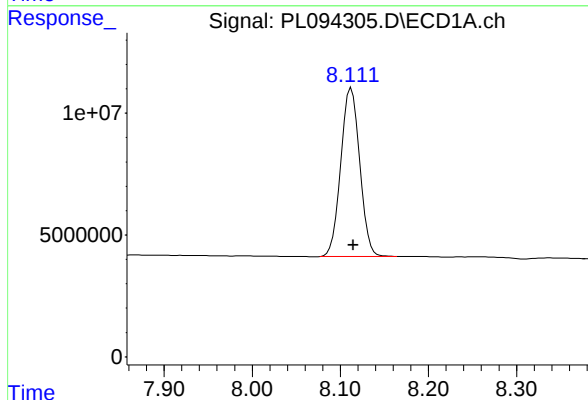
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025



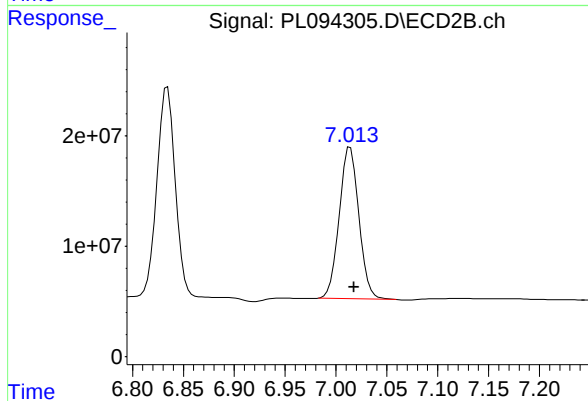
#21 Endrin ketone

R.T.: 6.834 min
Delta R.T.: -0.005 min
Response: 237526093
Conc: 56.62 ng/ml



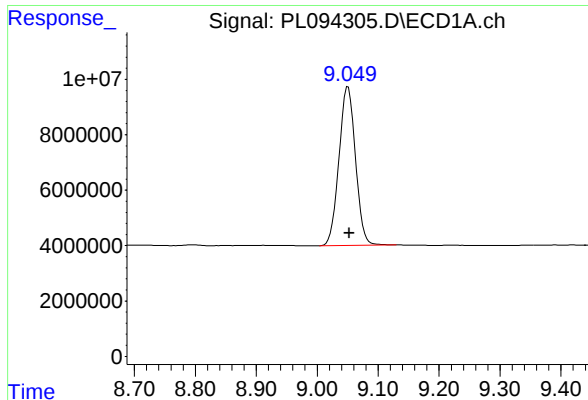
#22 Mirex

R.T.: 8.112 min
Delta R.T.: -0.002 min
Response: 103496157
Conc: 49.70 ng/ml



#22 Mirex

R.T.: 7.014 min
Delta R.T.: -0.004 min
Response: 184386496
Conc: 54.52 ng/ml



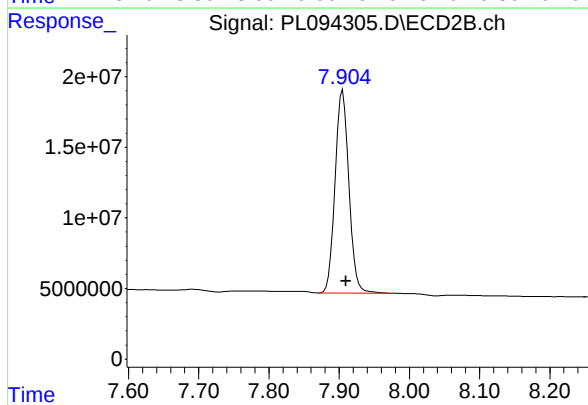
#28 Decachlorobiphenyl

R.T.: 9.051 min
Delta R.T.: -0.002 min
Response: 108369015
Conc: 51.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.905 min
Delta R.T.: -0.005 min
Response: 195996226
Conc: 55.93 ng/ml