

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031725\
 Data File : PL094699.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Mar 2025 09:31
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/18/2025
 Supervised By :mohammad ahmed 03/19/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 18 01:11:49 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 11 17:42:21 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	2.771	122.2E6	161.2E6	43.187	45.176
28)	SA Decachlor...	9.054	7.905	103.8E6	174.6E6	49.271m	43.234
Target Compounds							
2)	A alpha-BHC	3.995	3.273	179.1E6	248.6E6	43.121	46.113
3)	MA gamma-BHC...	4.328	3.603	173.1E6	235.0E6	43.376	45.723
4)	MA Heptachlor	4.915	3.941	164.5E6	233.4E6	42.373	44.307
5)	MB Aldrin	5.257	4.220	158.1E6	223.0E6	42.828	45.737
6)	B beta-BHC	4.527	3.903	78512540	102.6E6	42.549	46.184
7)	B delta-BHC	4.774	4.132	171.5E6	233.9E6	44.049	46.756
8)	B Heptachlo...	5.684	4.723	145.5E6	208.1E6	43.509	45.449
9)	A Endosulfan I	6.070	5.092	133.1E6	195.0E6	43.366	44.433
10)	B gamma-Chl...	5.940	4.972	146.1E6	220.3E6	43.348	45.632
11)	B alpha-Chl...	6.019	5.036	143.8E6	216.9E6	43.603	45.453
12)	B 4,4'-DDE	6.193	5.223	138.0E6	218.7E6	46.889	47.043m
13)	MA Dieldrin	6.345	5.357	140.5E6	228.8E6	43.922	47.159
14)	MA Endrin	6.574	5.632	115.9E6	198.3E6	41.793	45.453
15)	B Endosulfa...	6.794	5.927	120.5E6	198.4E6	44.400	45.828
16)	A 4,4'-DDD	6.710	5.780	105.0E6	175.2E6	48.473	48.718
17)	MA 4,4'-DDT	7.025	6.030	111.9E6	193.2E6	47.052	47.916
18)	B Endrin al...	6.925	6.106	91612760	150.2E6	43.398	44.642
19)	B Endosulfa...	7.160	6.329	109.5E6	185.5E6	45.042	45.549
20)	A Methoxychlor	7.500	6.605	59108117	99591022	49.377	46.953
21)	B Endrin ke...	7.645	6.833	123.6E6	220.4E6	46.754	46.187m
22)	Mirex	8.117	7.012	93014193	173.5E6	45.015	45.703m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031725\
Data File : PL094699.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Mar 2025 09:31
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

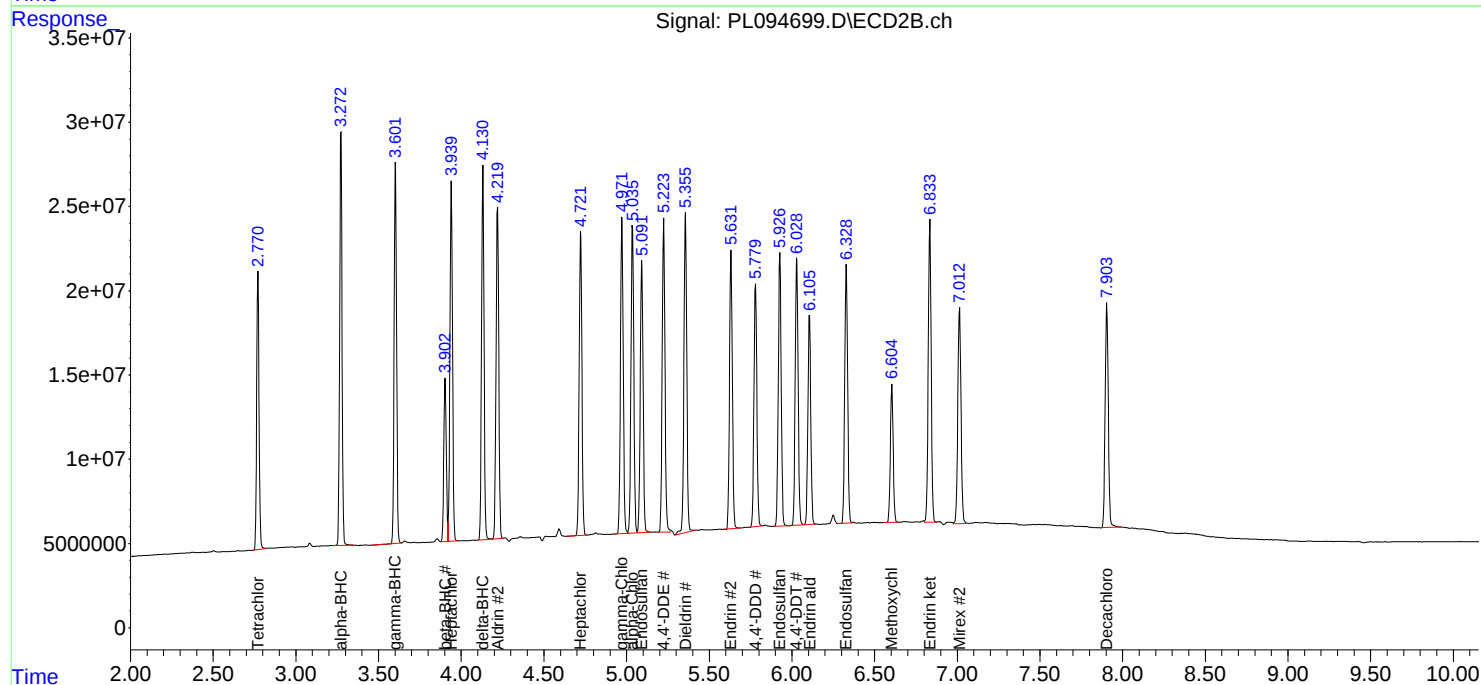
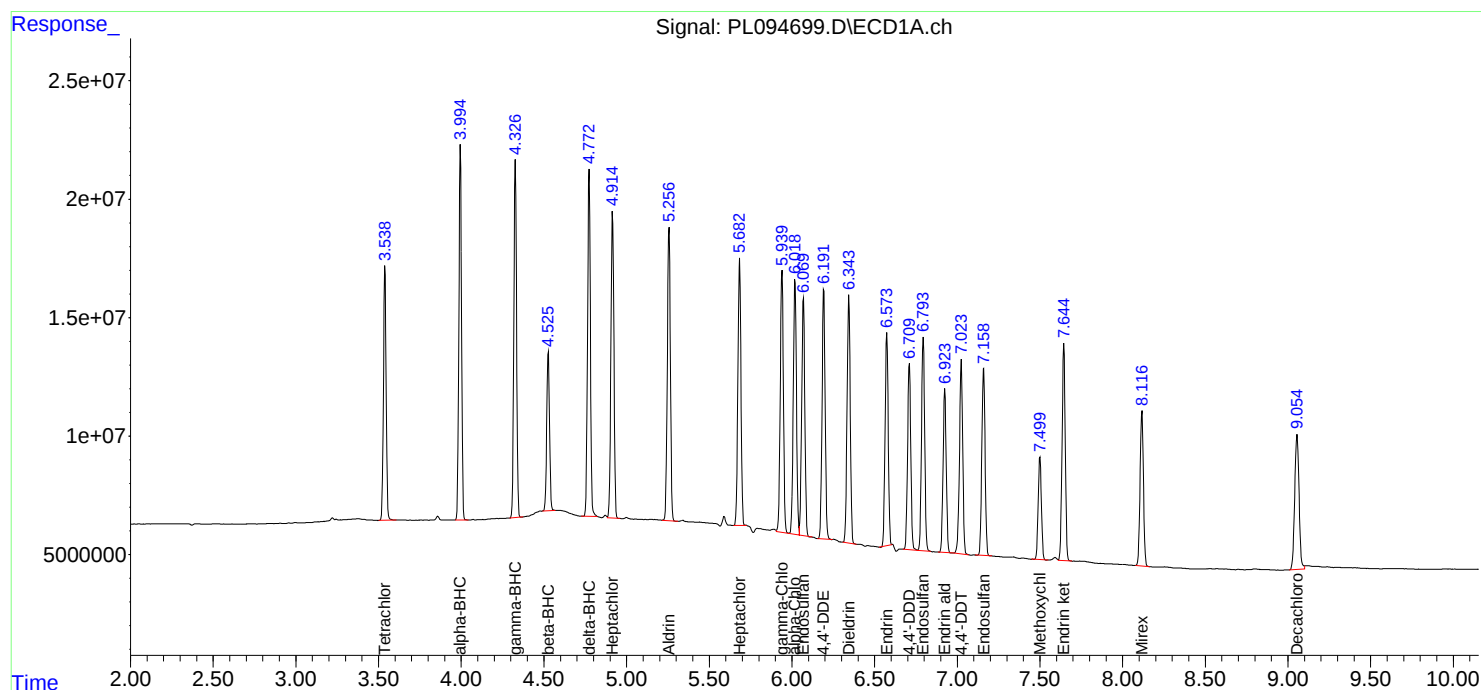
APPROVED

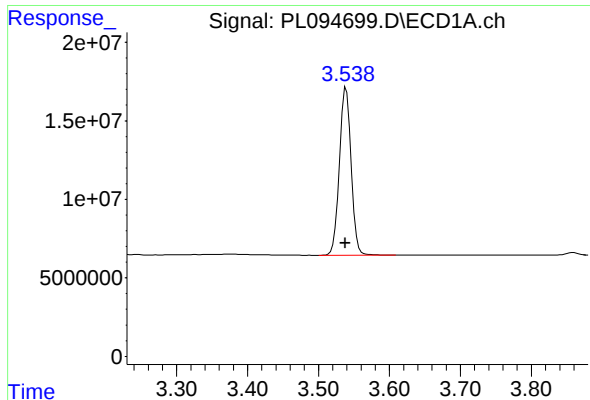
Reviewed By :Abdul Mirza 03/18/2025

Supervised By :mohammad ahmed 03/19/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 18 01:11:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
Quant Title : GC Extractables
QLast Update : Tue Mar 11 17:42:21 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





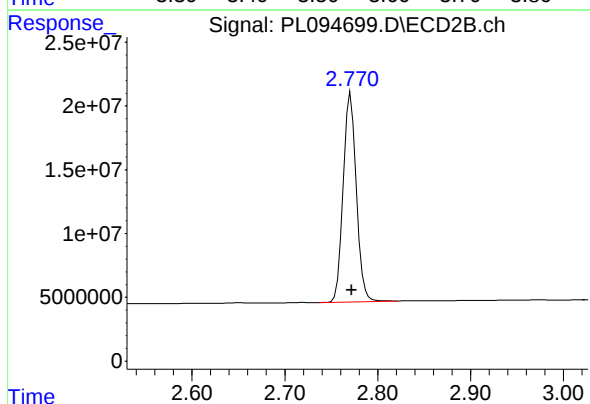
#1 Tetrachloro-m-xylene

R.T.: 3.539 min
Delta R.T.: 0.001 min
Response: 122248618
Conc: 43.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

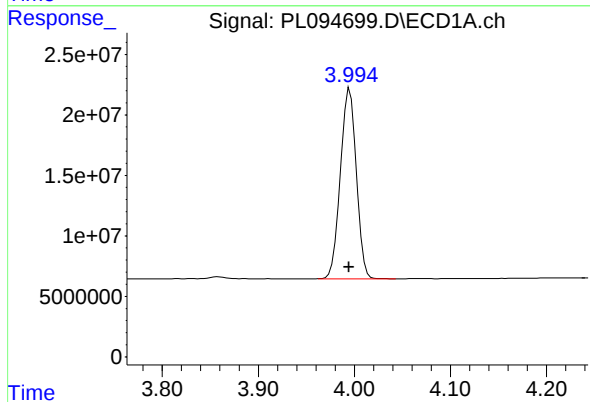
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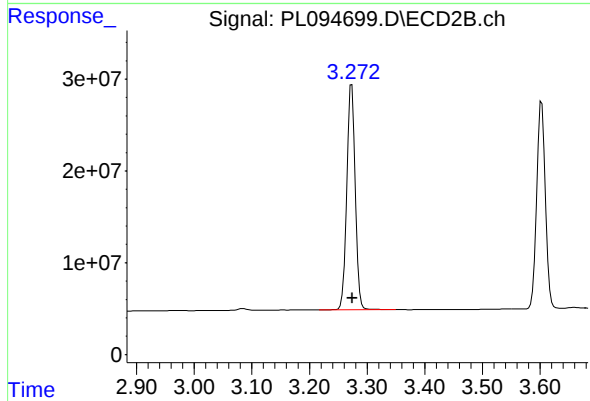
#1 Tetrachloro-m-xylene

R.T.: 2.771 min
Delta R.T.: 0.000 min
Response: 161245276
Conc: 45.18 ng/ml



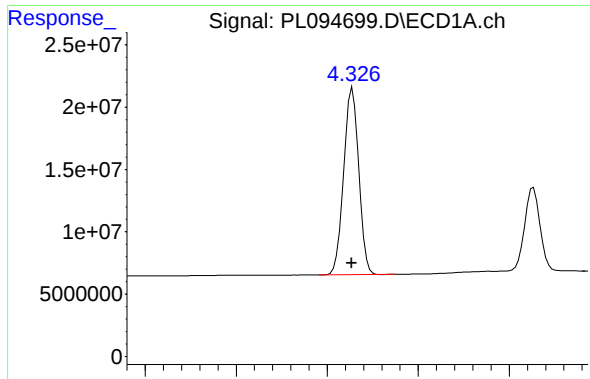
#2 alpha-BHC

R.T.: 3.995 min
Delta R.T.: 0.000 min
Response: 179053486
Conc: 43.12 ng/ml



#2 alpha-BHC

R.T.: 3.273 min
Delta R.T.: -0.001 min
Response: 248614779
Conc: 46.11 ng/ml



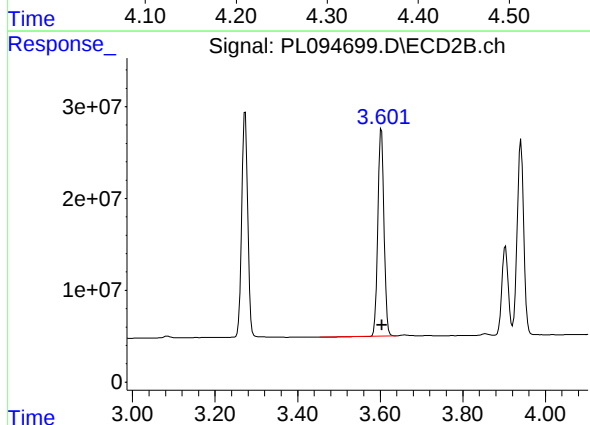
#3 gamma-BHC (Lindane)

R.T.: 4.328 min
Delta R.T.: 0.000 min
Response: 173083649
Conc: 43.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

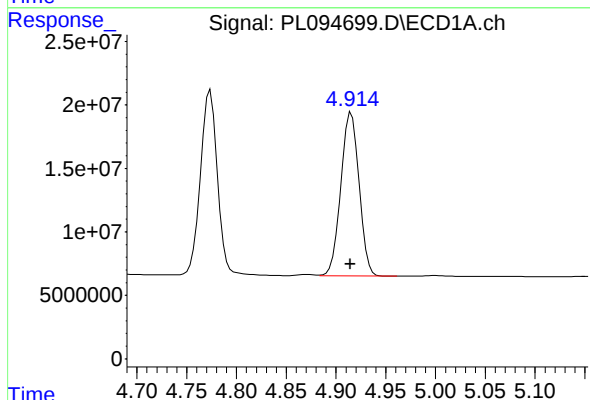
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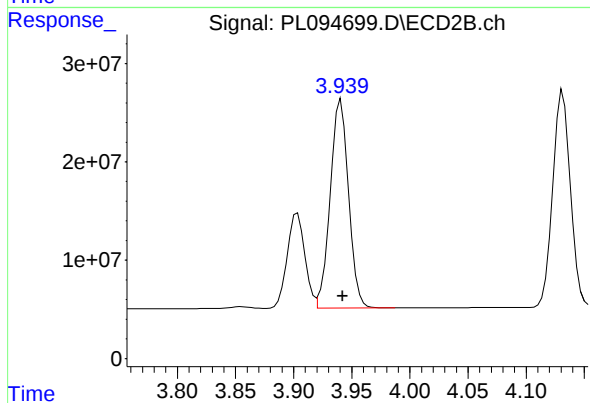
#3 gamma-BHC (Lindane)

R.T.: 3.603 min
Delta R.T.: -0.002 min
Response: 234990128
Conc: 45.72 ng/ml



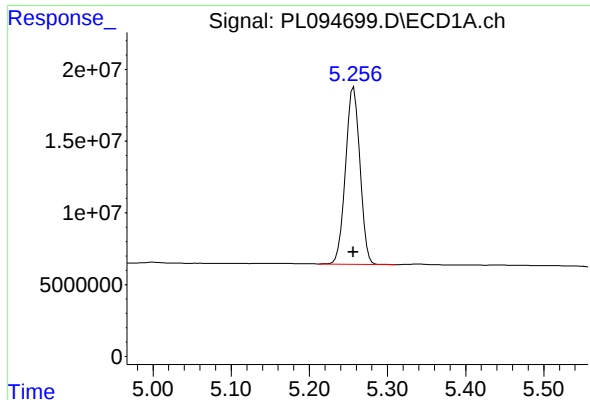
#4 Heptachlor

R.T.: 4.915 min
Delta R.T.: 0.000 min
Response: 164474425
Conc: 42.37 ng/ml



#4 Heptachlor

R.T.: 3.941 min
Delta R.T.: -0.002 min
Response: 233437263
Conc: 44.31 ng/ml



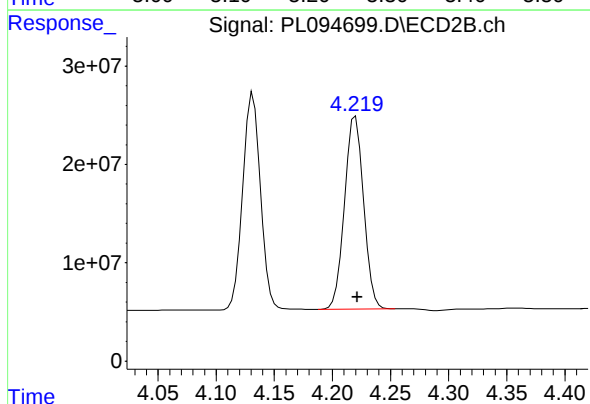
#5 Aldrin

R.T.: 5.257 min
Delta R.T.: 0.000 min
Response: 158132253
Conc: 42.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

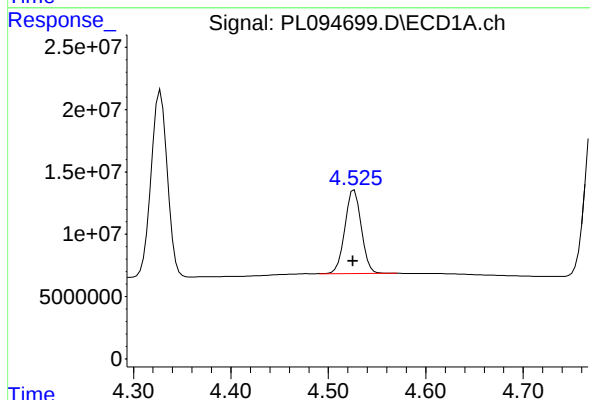
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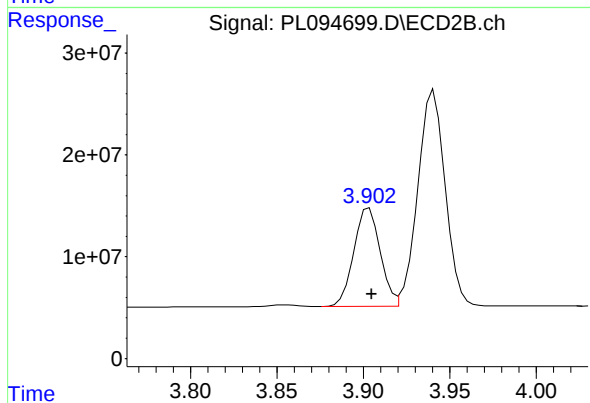
#5 Aldrin

R.T.: 4.220 min
Delta R.T.: -0.002 min
Response: 223031453
Conc: 45.74 ng/ml



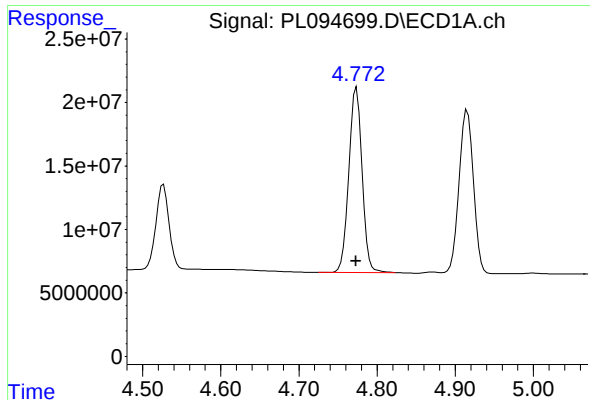
#6 beta-BHC

R.T.: 4.527 min
Delta R.T.: 0.001 min
Response: 78512540
Conc: 42.55 ng/ml



#6 beta-BHC

R.T.: 3.903 min
Delta R.T.: -0.001 min
Response: 102588016
Conc: 46.18 ng/ml



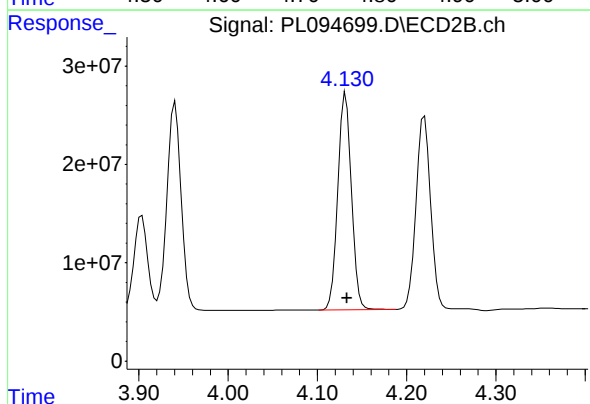
#7 delta-BHC

R.T.: 4.774 min
Delta R.T.: 0.001 min
Response: 171541884
Conc: 44.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

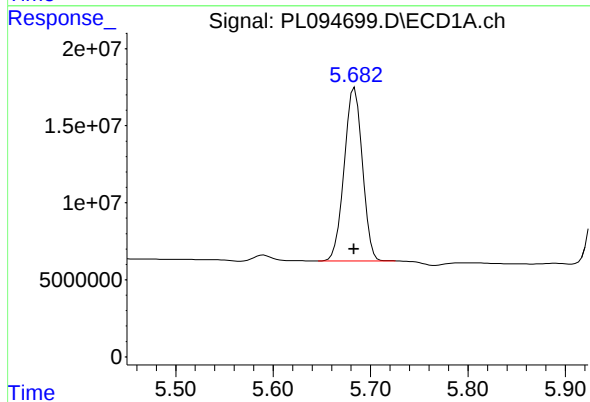
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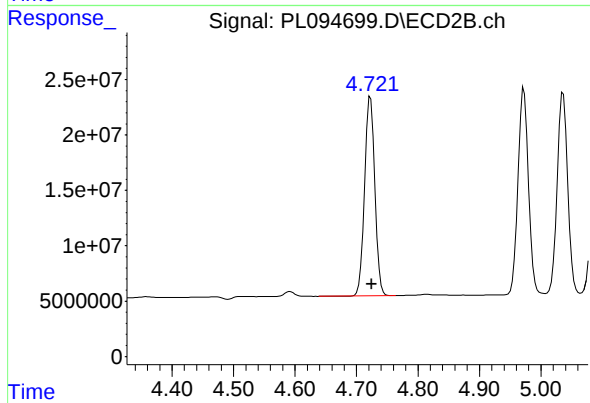
#7 delta-BHC

R.T.: 4.132 min
Delta R.T.: -0.001 min
Response: 233871941
Conc: 46.76 ng/ml



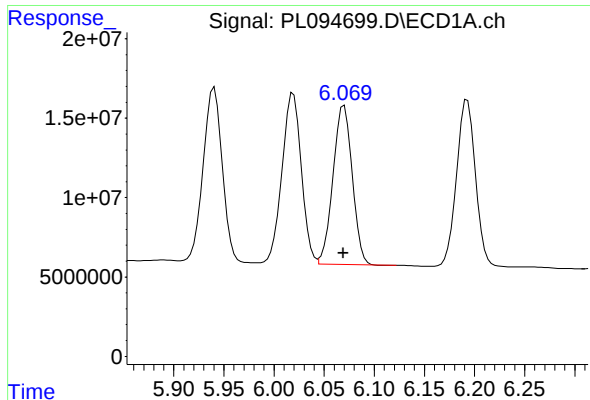
#8 Heptachlor epoxide

R.T.: 5.684 min
Delta R.T.: 0.000 min
Response: 145547229
Conc: 43.51 ng/ml



#8 Heptachlor epoxide

R.T.: 4.723 min
Delta R.T.: -0.002 min
Response: 208094295
Conc: 45.45 ng/ml



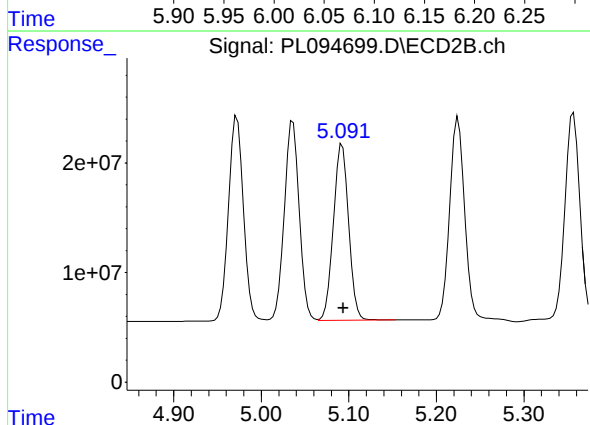
#9 Endosulfan I

R.T.: 6.070 min
Delta R.T.: 0.000 min
Response: 133142384
Conc: 43.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

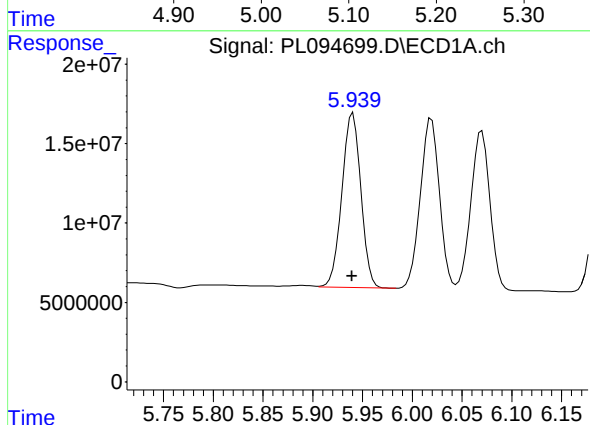
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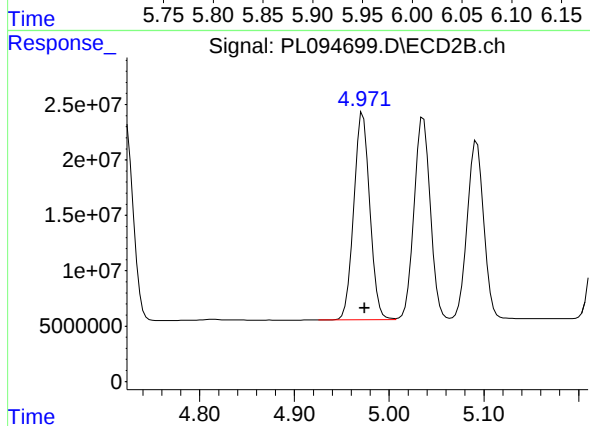
#9 Endosulfan I

R.T.: 5.092 min
Delta R.T.: -0.002 min
Response: 195004947
Conc: 44.43 ng/ml



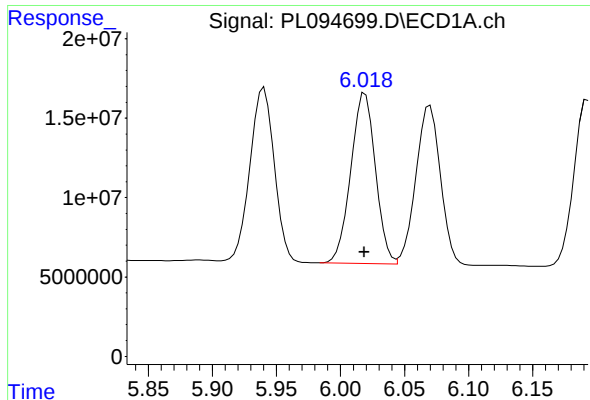
#10 gamma-Chlordane

R.T.: 5.940 min
Delta R.T.: 0.000 min
Response: 146053994
Conc: 43.35 ng/ml



#10 gamma-Chlordane

R.T.: 4.972 min
Delta R.T.: -0.002 min
Response: 220331112
Conc: 45.63 ng/ml



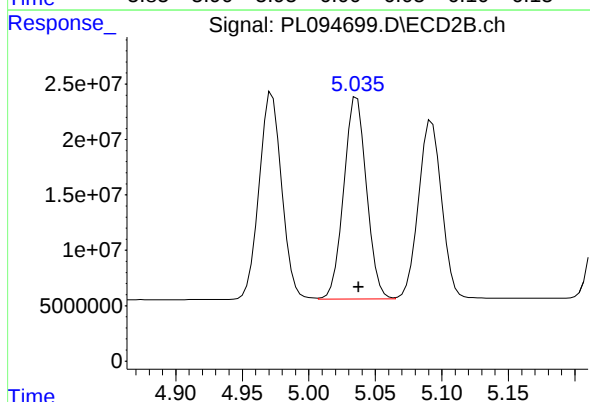
#11 alpha-Chlordane

R.T.: 6.019 min
Delta R.T.: 0.000 min
Response: 143751213
Conc: 43.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

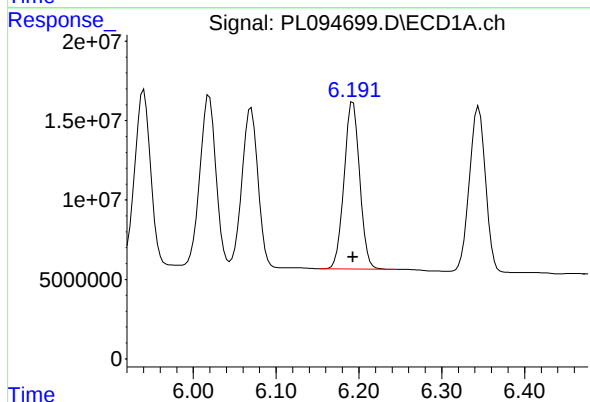
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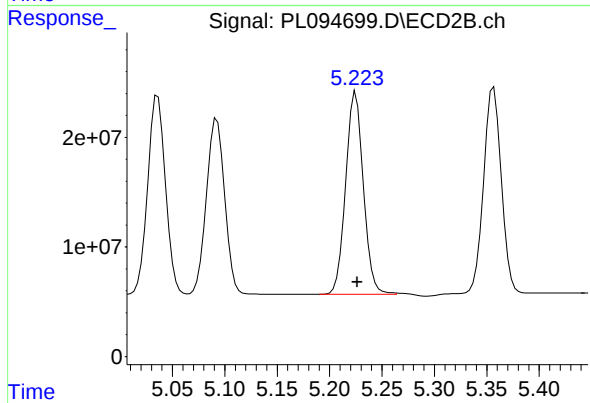
#11 alpha-Chlordane

R.T.: 5.036 min
Delta R.T.: -0.002 min
Response: 216938227
Conc: 45.45 ng/ml



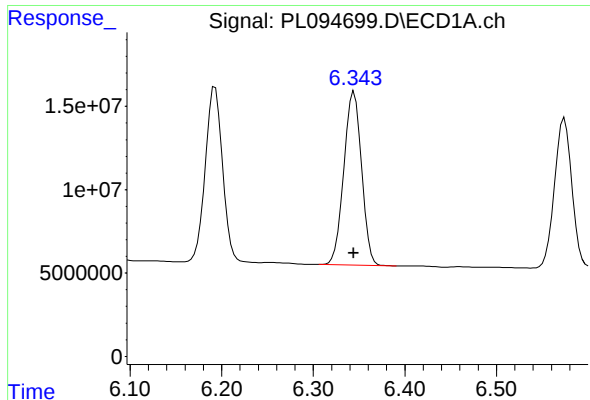
#12 4,4'-DDE

R.T.: 6.193 min
Delta R.T.: 0.000 min
Response: 137951198
Conc: 46.89 ng/ml



#12 4,4'-DDE

R.T.: 5.223 min
Delta R.T.: -0.003 min
Response: 218680719
Conc: 47.04 ng/ml m



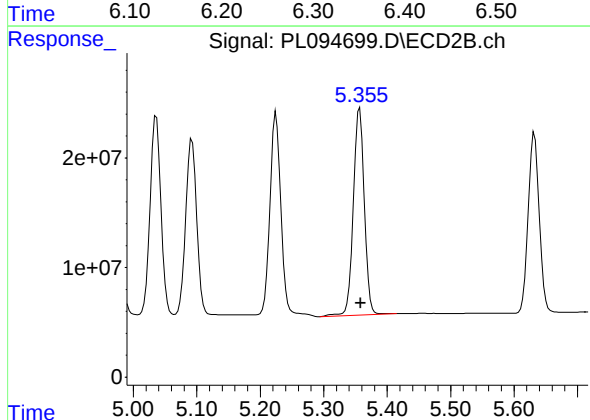
#13 Dieldrin

R.T.: 6.345 min
Delta R.T.: 0.000 min
Response: 140468366
Conc: 43.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

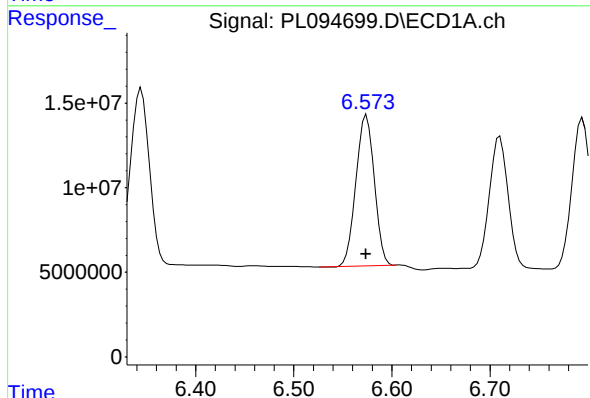
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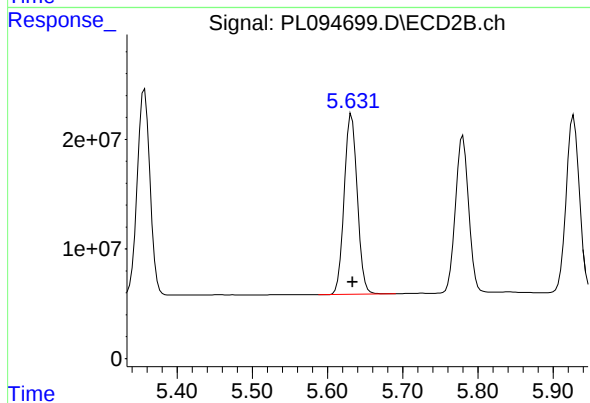
#13 Dieldrin

R.T.: 5.357 min
Delta R.T.: -0.002 min
Response: 228807845
Conc: 47.16 ng/ml



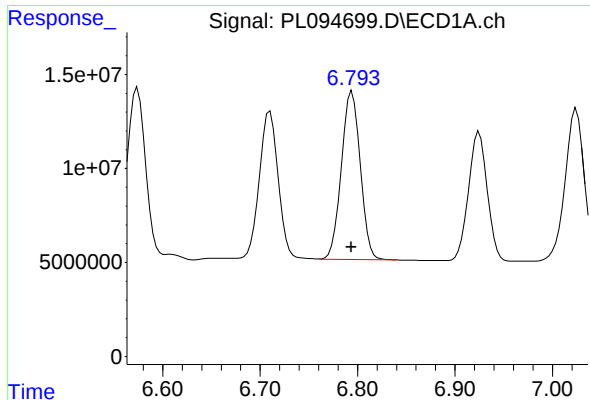
#14 Endrin

R.T.: 6.574 min
Delta R.T.: 0.000 min
Response: 115853188
Conc: 41.79 ng/ml



#14 Endrin

R.T.: 5.632 min
Delta R.T.: -0.002 min
Response: 198343071
Conc: 45.45 ng/ml



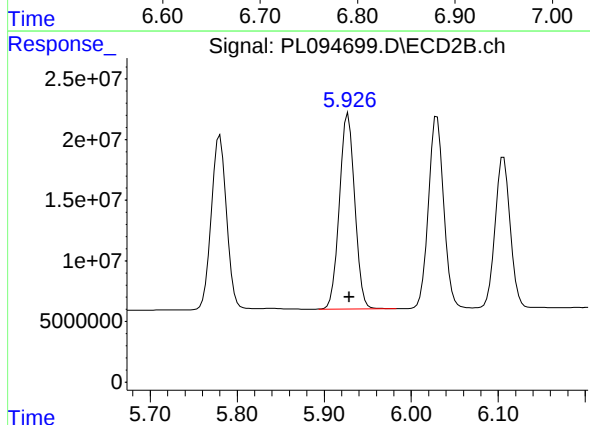
#15 Endosulfan II

R.T.: 6.794 min
Delta R.T.: 0.000 min
Response: 120535618
Conc: 44.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

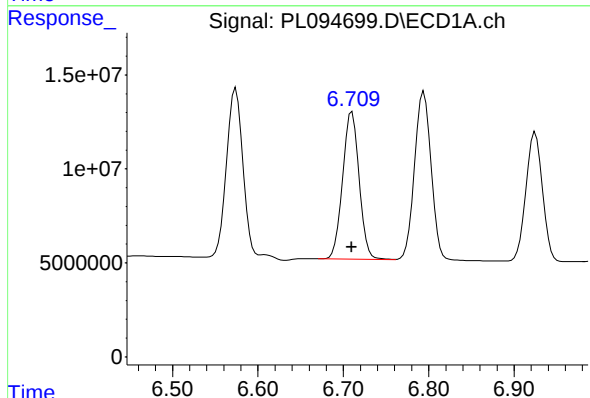
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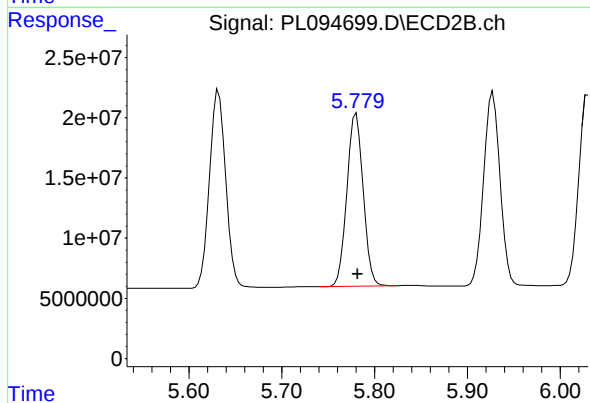
#15 Endosulfan II

R.T.: 5.927 min
Delta R.T.: -0.001 min
Response: 198355043
Conc: 45.83 ng/ml



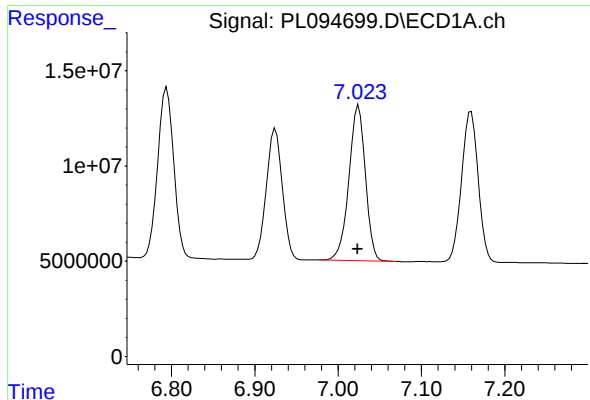
#16 4,4'-DDD

R.T.: 6.710 min
Delta R.T.: 0.000 min
Response: 104996110
Conc: 48.47 ng/ml



#16 4,4'-DDD

R.T.: 5.780 min
Delta R.T.: -0.002 min
Response: 175183053
Conc: 48.72 ng/ml



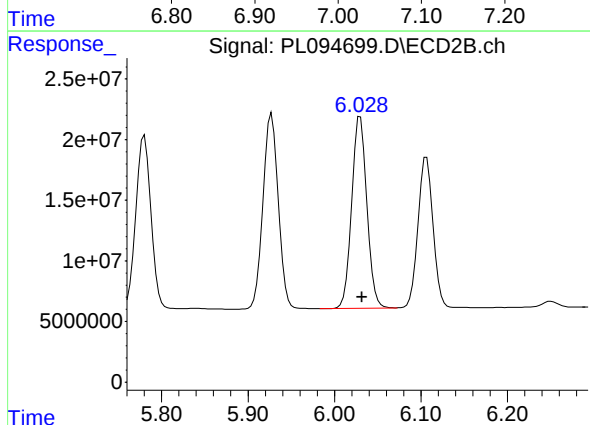
#17 4,4'-DDT

R.T.: 7.025 min
Delta R.T.: 0.000 min
Response: 111915333
Conc: 47.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

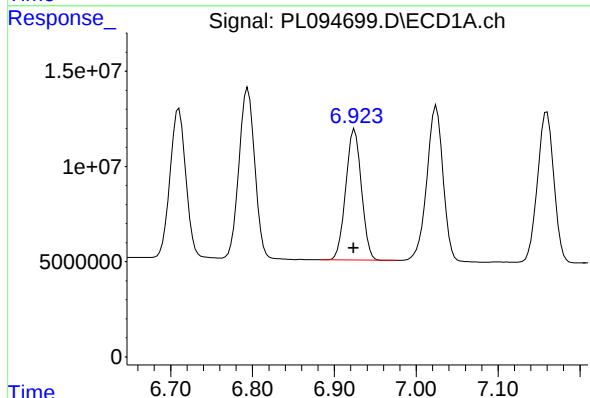
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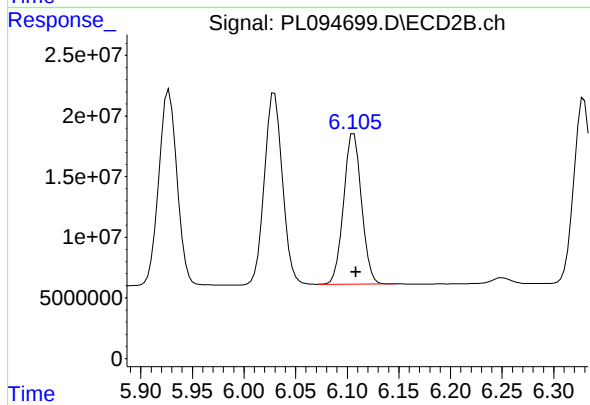
#17 4,4'-DDT

R.T.: 6.030 min
Delta R.T.: -0.002 min
Response: 193201081
Conc: 47.92 ng/ml



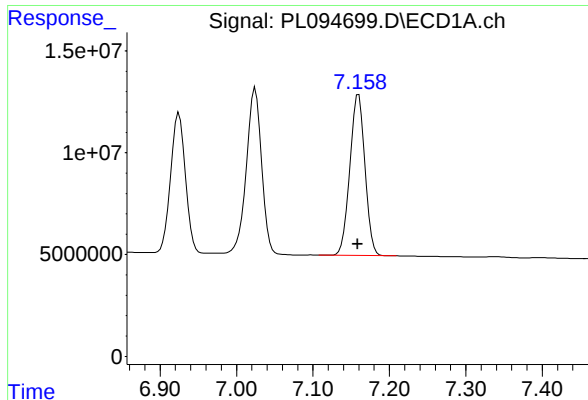
#18 Endrin aldehyde

R.T.: 6.925 min
Delta R.T.: 0.001 min
Response: 91612760
Conc: 43.40 ng/ml



#18 Endrin aldehyde

R.T.: 6.106 min
Delta R.T.: -0.002 min
Response: 150236661
Conc: 44.64 ng/ml



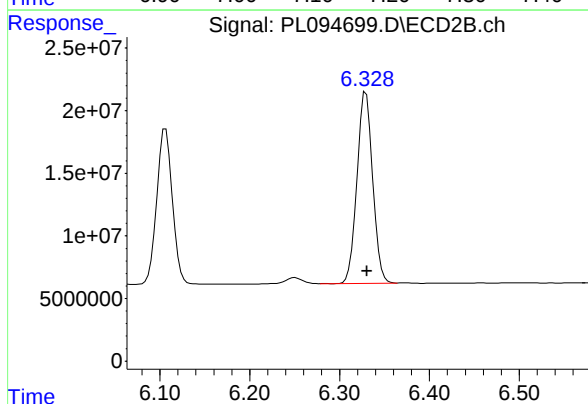
#19 Endosulfan Sulfate

R.T.: 7.160 min
Delta R.T.: 0.001 min
Response: 109544217
Conc: 45.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

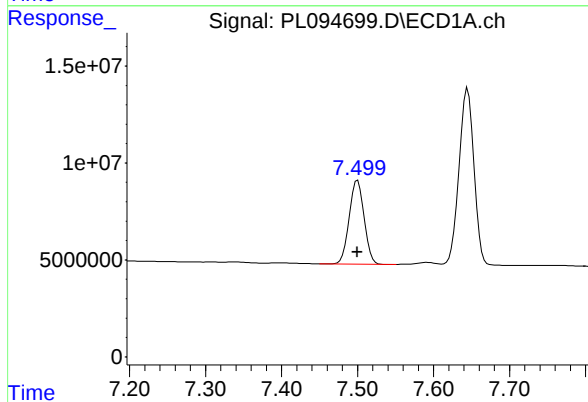
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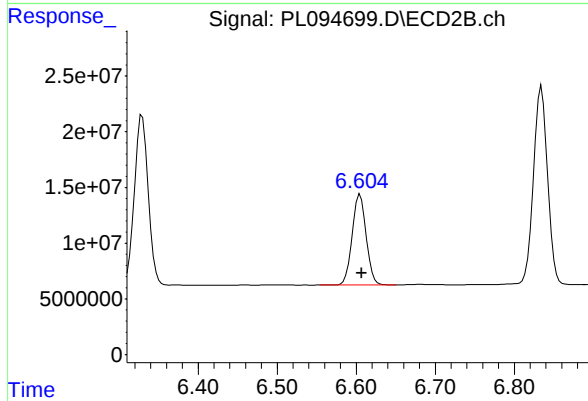
#19 Endosulfan Sulfate

R.T.: 6.329 min
Delta R.T.: -0.001 min
Response: 185541021
Conc: 45.55 ng/ml



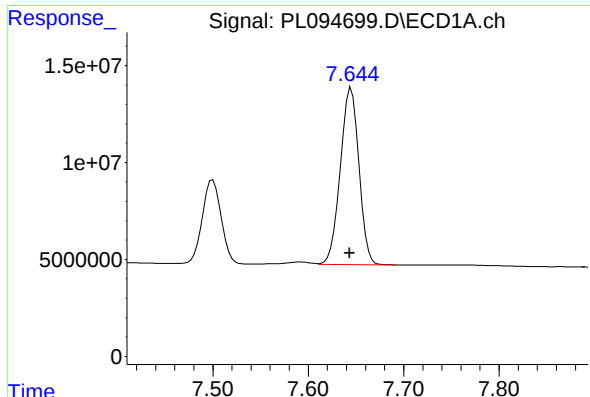
#20 Methoxychlor

R.T.: 7.500 min
Delta R.T.: 0.000 min
Response: 59108117
Conc: 49.38 ng/ml



#20 Methoxychlor

R.T.: 6.605 min
Delta R.T.: -0.002 min
Response: 99591022
Conc: 46.95 ng/ml



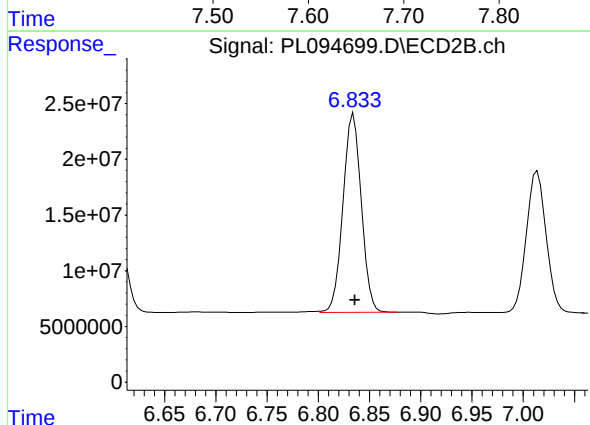
#21 Endrin ketone

R.T.: 7.645 min
Delta R.T.: 0.001 min
Response: 123582118
Conc: 46.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

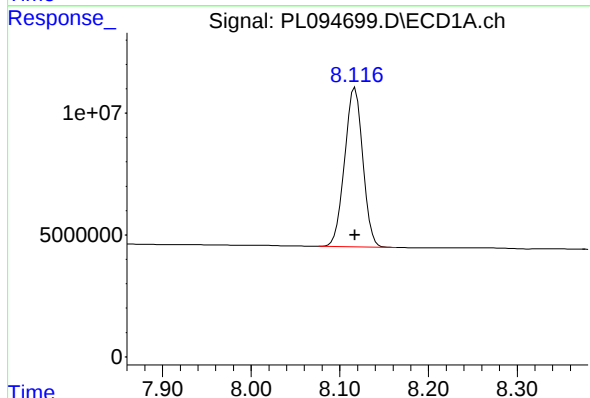
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/18/2025
Supervised By :mohammad ahmed 03/19/2025



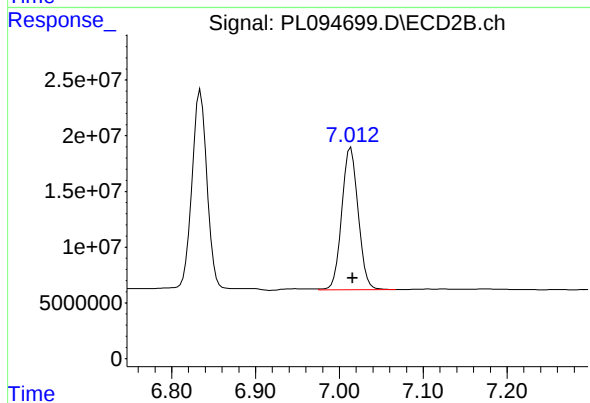
#21 Endrin ketone

R.T.: 6.833 min
Delta R.T.: -0.003 min
Response: 220431286
Conc: 46.19 ng/ml m



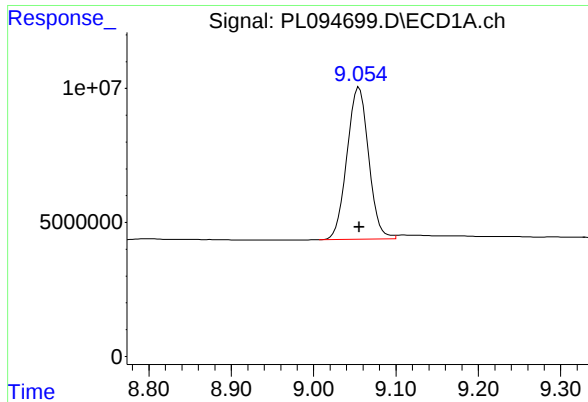
#22 Mirex

R.T.: 8.117 min
Delta R.T.: 0.000 min
Response: 93014193
Conc: 45.02 ng/ml



#22 Mirex

R.T.: 7.012 min
Delta R.T.: -0.003 min
Response: 173455659
Conc: 45.70 ng/ml m



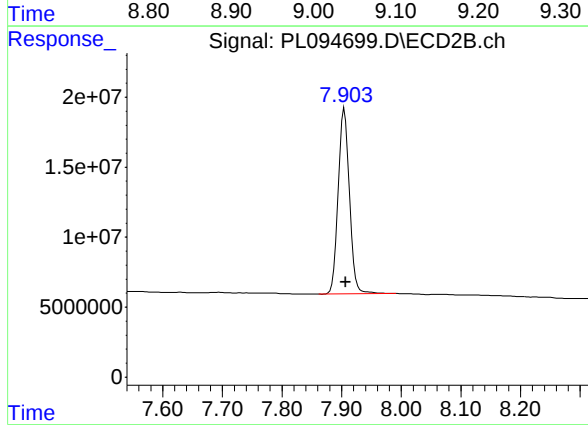
#28 Decachlorobiphenyl

R.T.: 9.054 min
Delta R.T.: -0.002 min
Response: 103835641
Conc: 49.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/18/2025
Supervised By :mohammad ahmed 03/19/2025



#28 Decachlorobiphenyl

R.T.: 7.905 min
Delta R.T.: -0.002 min
Response: 174638680
Conc: 43.23 ng/ml