

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031725\
 Data File : PL094717.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Mar 2025 17:18
 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 01:16:58 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...	3.540	2.770	138.6E6	191.1E6	48.970	53.552
28)	SA Decachlor...	9.056	7.905	105.8E6	171.3E6	50.219	42.416
Target Compounds							
2)	A alpha-BHC	3.996	3.272	199.4E6	283.1E6	48.020	52.512
3)	MA gamma-BHC...	4.329	3.602	190.6E6	267.9E6	47.761	52.121
4)	MA Heptachlor	4.917	3.940	174.4E6	262.6E6	44.920	49.834
5)	MB Aldrin	5.258	4.219	162.1E6	250.4E6	43.893	51.346
6)	B beta-BHC	4.528	3.902	85602173	117.0E6	46.391	52.684
7)	B delta-BHC	4.775	4.131	188.7E6	268.8E6	48.452	53.737
8)	B Heptachlo...	5.686	4.722	148.4E6	232.4E6	44.357	50.750
9)	A Endosulfan I	6.071	5.091	136.8E6	203.3E6	44.570	46.312
10)	B gamma-Chl...	5.941	4.972	148.4E6	244.6E6	44.044	50.667
11)	B alpha-Chl...	6.020	5.035	146.0E6	238.9E6	44.279	50.059
12)	B 4,4'-DDE	6.195	5.223	145.2E6	238.4E6	49.370	51.296m
13)	MA Dieldrin	6.346	5.355	144.2E6	236.4E6	45.084	48.734m
14)	MA Endrin	6.575	5.632	122.7E6	208.2E6	44.269m	47.703
15)	B Endosulfa...	6.796	5.927	123.6E6	206.7E6	45.517	47.747
16)	A 4,4'-DDD	6.712	5.780	109.7E6	188.3E6	50.625	52.357
17)	MA 4,4'-DDT	7.025	6.030	114.3E6	196.4E6	48.073	48.709
18)	B Endrin al...	6.926	6.106	96881879	152.0E6	45.894	45.163
19)	B Endosulfa...	7.160	6.329	109.4E6	192.2E6	44.985	47.185
20)	A Methoxychlor	7.502	6.605	59452978	98403617	49.665	46.393
21)	B Endrin ke...	7.645	6.833	122.1E6	212.7E6	46.189	44.566m
22)	Mirex	8.117	7.012	90807571	172.7E6	43.947	45.509m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031725\
Data File : PL094717.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Mar 2025 17:18
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

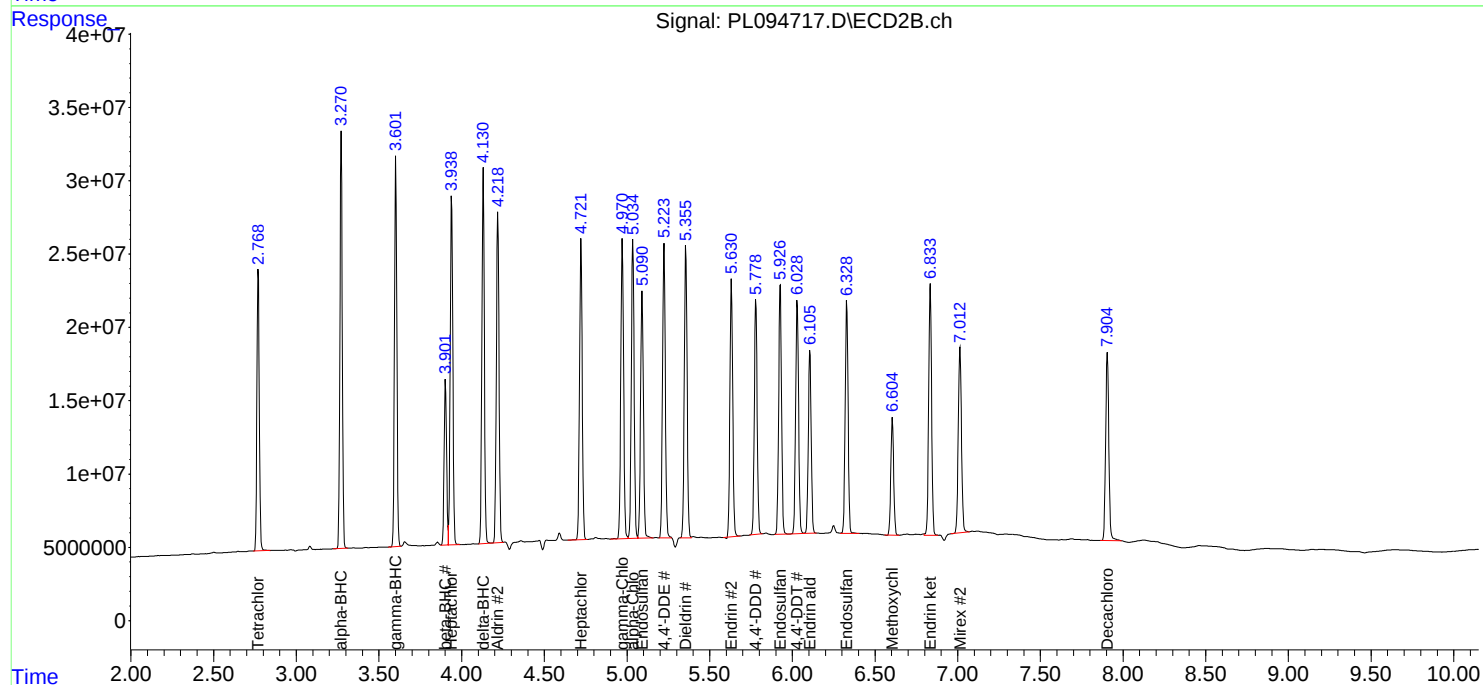
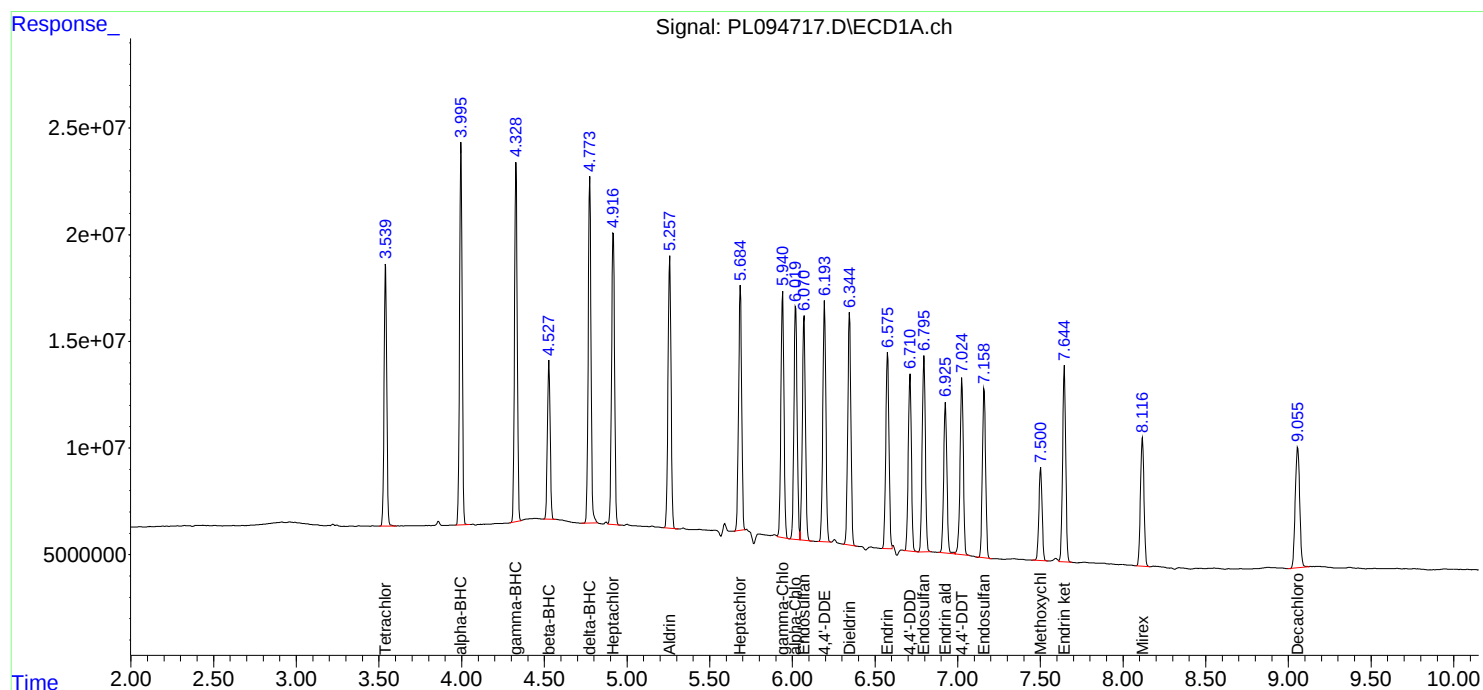
APPROVED

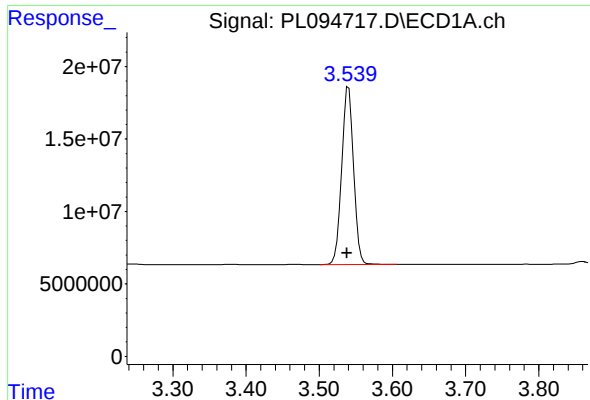
Reviewed By :Abdul Mirza 03/18/2025

Supervised By :mohammad ahmed 03/19/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 18 01:16:58 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





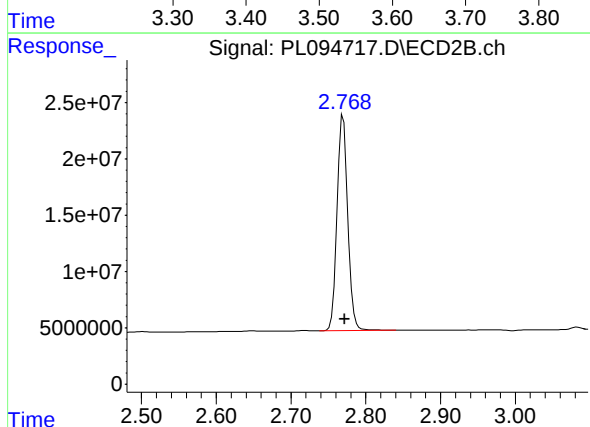
#1 Tetrachloro-m-xylene

R.T.: 3.540 min
Delta R.T.: 0.002 min
Response: 138617286
Conc: 48.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

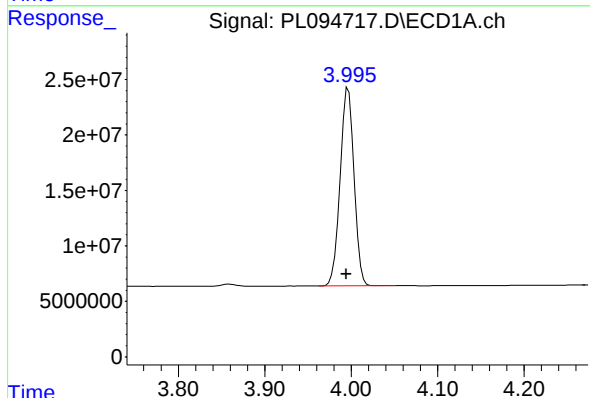
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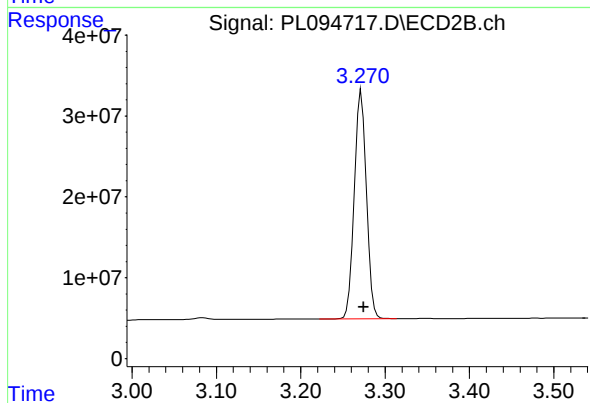
#1 Tetrachloro-m-xylene

R.T.: 2.770 min
Delta R.T.: -0.002 min
Response: 191140413
Conc: 53.55 ng/ml



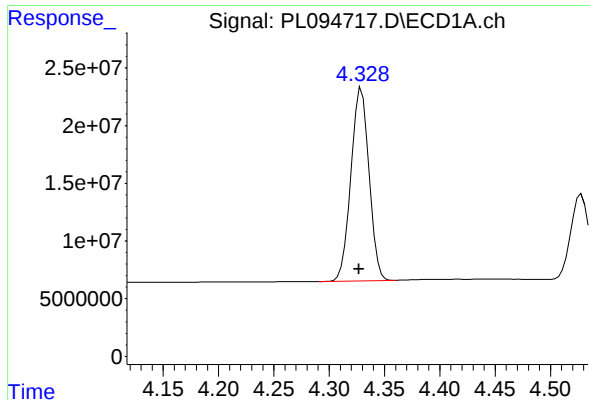
#2 alpha-BHC

R.T.: 3.996 min
Delta R.T.: 0.002 min
Response: 199397462
Conc: 48.02 ng/ml



#2 alpha-BHC

R.T.: 3.272 min
Delta R.T.: -0.002 min
Response: 283111445
Conc: 52.51 ng/ml



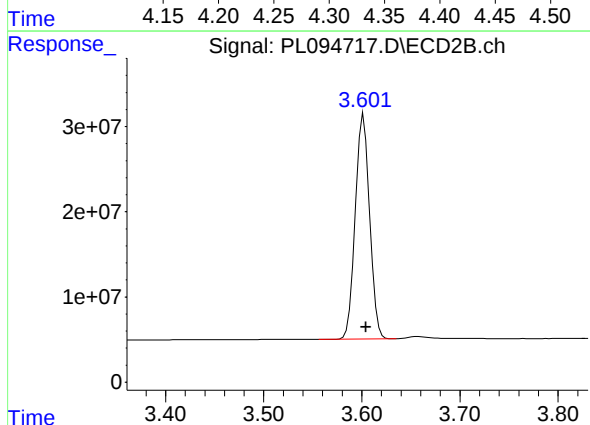
#3 gamma-BHC (Lindane)

R.T.: 4.329 min
Delta R.T.: 0.002 min
Response: 190579684
Conc: 47.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

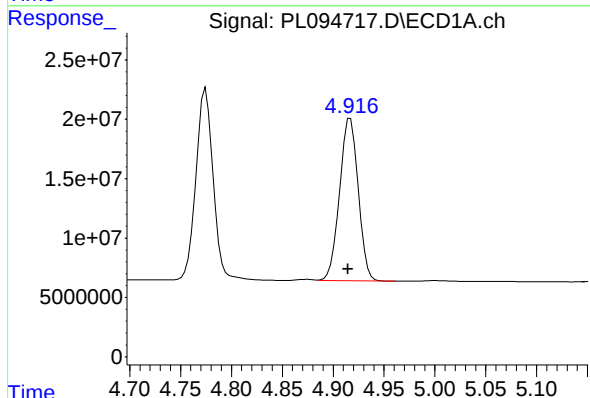
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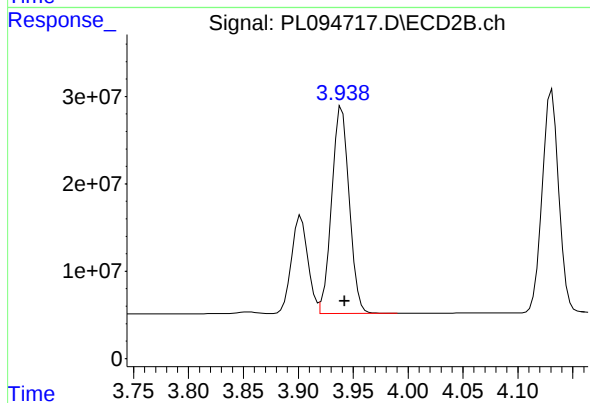
#3 gamma-BHC (Lindane)

R.T.: 3.602 min
Delta R.T.: -0.002 min
Response: 267872502
Conc: 52.12 ng/ml



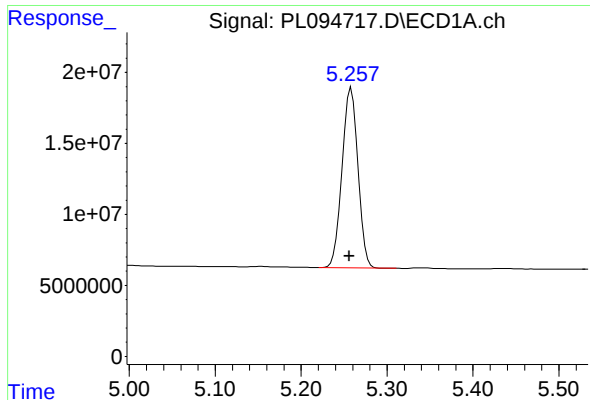
#4 Heptachlor

R.T.: 4.917 min
Delta R.T.: 0.002 min
Response: 174364058
Conc: 44.92 ng/ml



#4 Heptachlor

R.T.: 3.940 min
Delta R.T.: -0.003 min
Response: 262558687
Conc: 49.83 ng/ml



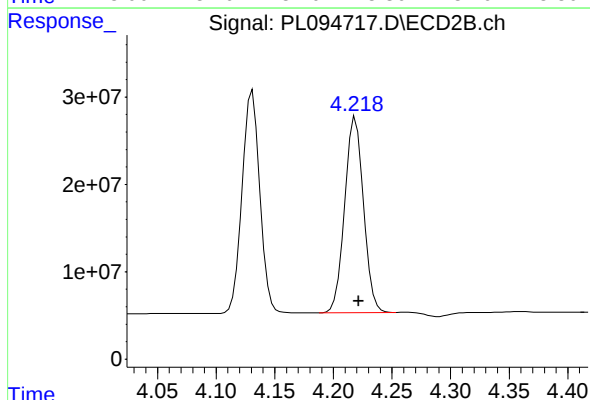
#5 Aldrin

R.T.: 5.258 min
Delta R.T.: 0.002 min
Response: 162062681
Conc: 43.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

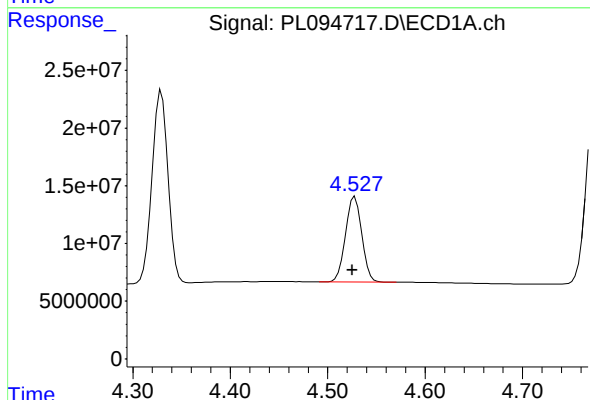
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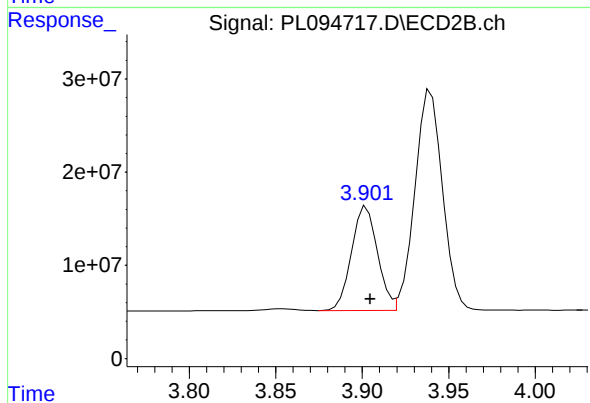
#5 Aldrin

R.T.: 4.219 min
Delta R.T.: -0.003 min
Response: 250380239
Conc: 51.35 ng/ml



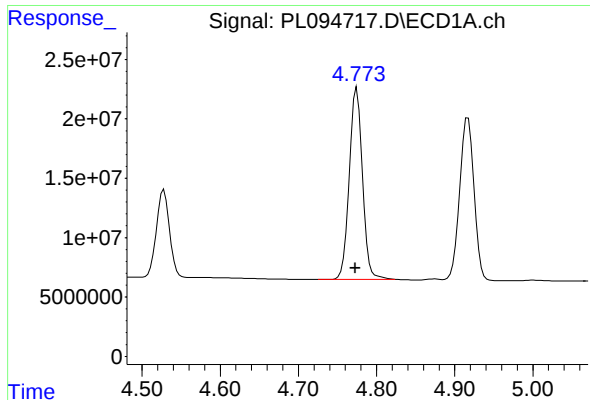
#6 beta-BHC

R.T.: 4.528 min
Delta R.T.: 0.003 min
Response: 85602173
Conc: 46.39 ng/ml



#6 beta-BHC

R.T.: 3.902 min
Delta R.T.: -0.002 min
Response: 117027128
Conc: 52.68 ng/ml



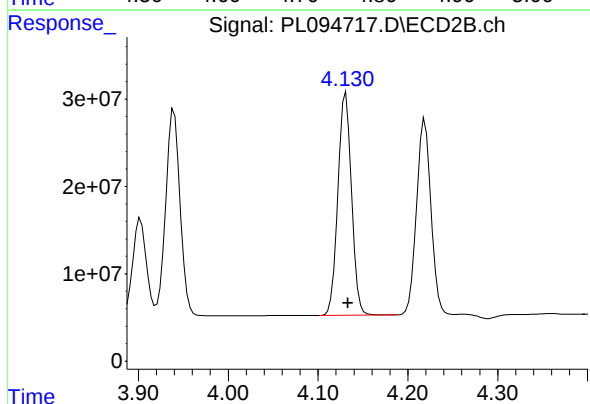
#7 delta-BHC

R.T.: 4.775 min
Delta R.T.: 0.002 min
Response: 188685427
Conc: 48.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

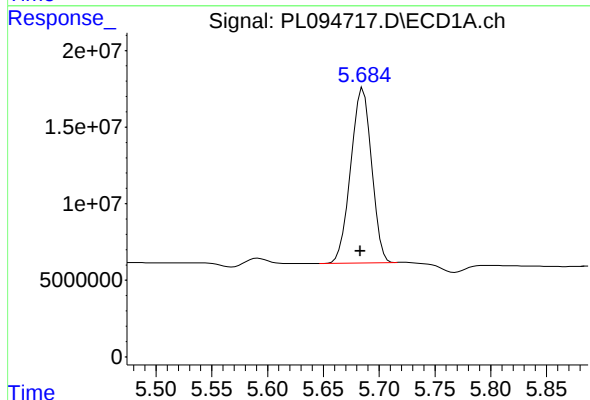
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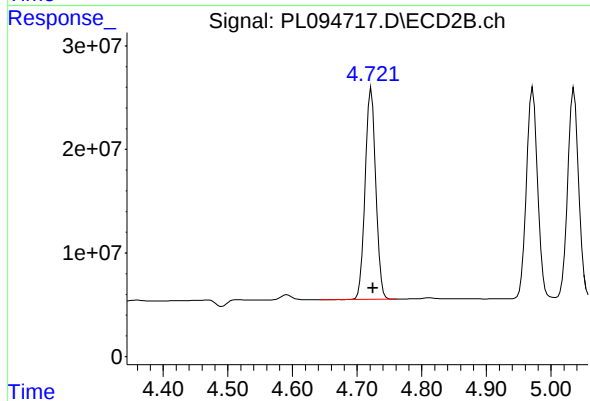
#7 delta-BHC

R.T.: 4.131 min
Delta R.T.: -0.002 min
Response: 268788985
Conc: 53.74 ng/ml



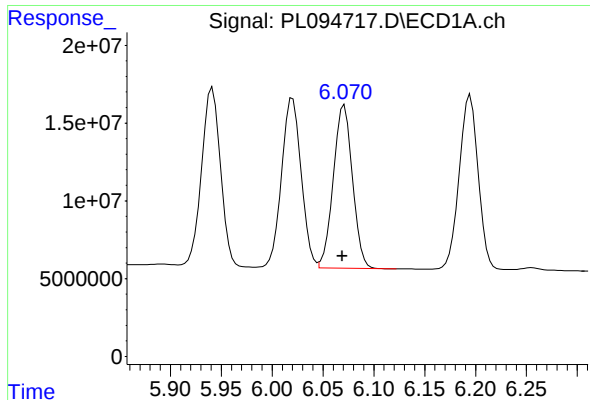
#8 Heptachlor epoxide

R.T.: 5.686 min
Delta R.T.: 0.002 min
Response: 148381568
Conc: 44.36 ng/ml



#8 Heptachlor epoxide

R.T.: 4.722 min
Delta R.T.: -0.003 min
Response: 232362736
Conc: 50.75 ng/ml



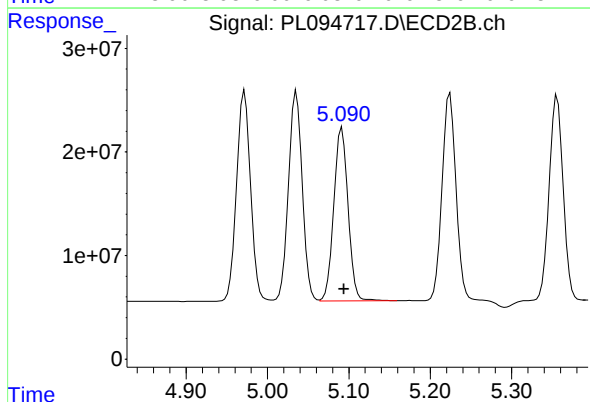
#9 Endosulfan I

R.T.: 6.071 min
Delta R.T.: 0.002 min
Response: 136840155
Conc: 44.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

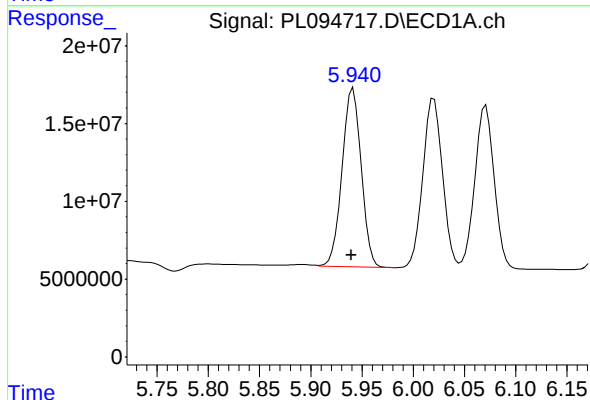
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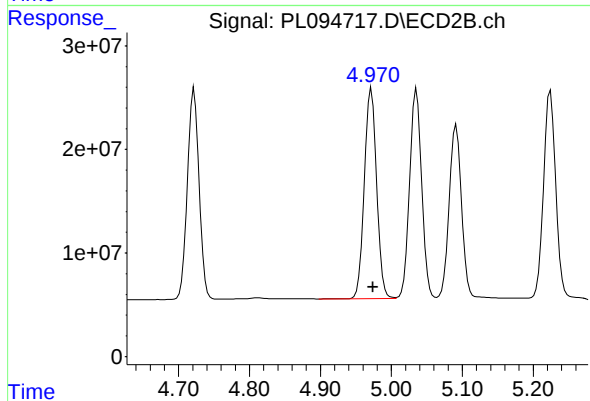
#9 Endosulfan I

R.T.: 5.091 min
Delta R.T.: -0.003 min
Response: 203251075
Conc: 46.31 ng/ml



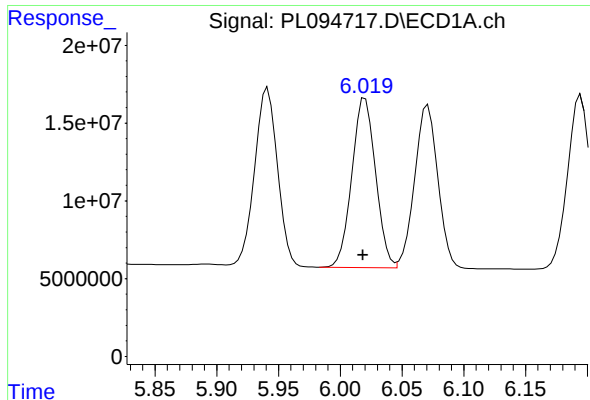
#10 gamma-Chlordane

R.T.: 5.941 min
Delta R.T.: 0.002 min
Response: 148402005
Conc: 44.04 ng/ml



#10 gamma-Chlordane

R.T.: 4.972 min
Delta R.T.: -0.002 min
Response: 244640443
Conc: 50.67 ng/ml



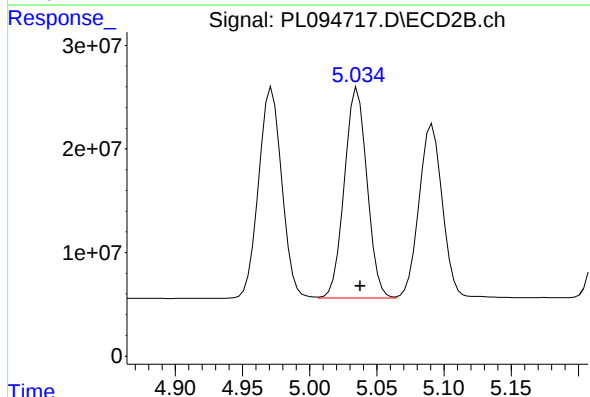
#11 alpha-Chlordane

R.T.: 6.020 min
Delta R.T.: 0.002 min
Response: 145979942
Conc: 44.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

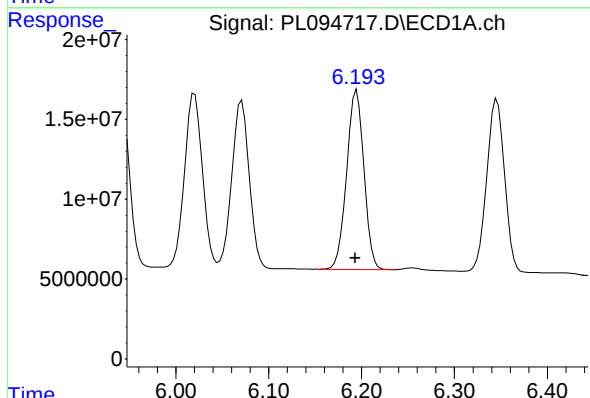
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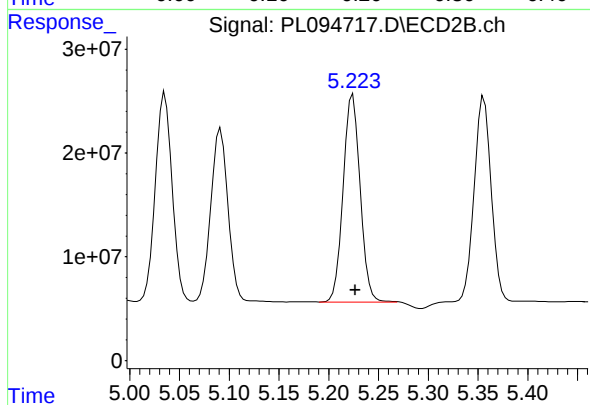
#11 alpha-Chlordane

R.T.: 5.035 min
Delta R.T.: -0.002 min
Response: 238921232
Conc: 50.06 ng/ml



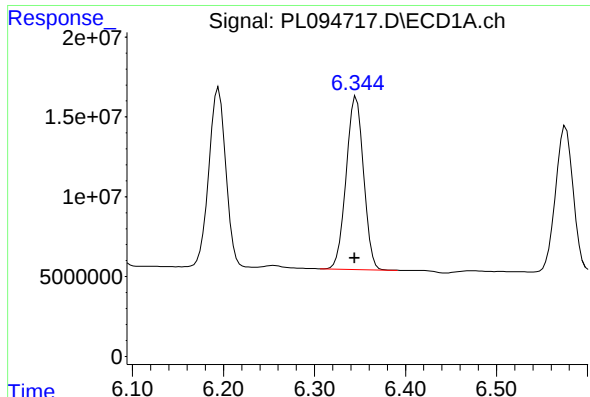
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: 0.002 min
Response: 145248249
Conc: 49.37 ng/ml



#12 4,4'-DDE

R.T.: 5.223 min
Delta R.T.: -0.004 min
Response: 238449065
Conc: 51.30 ng/ml m



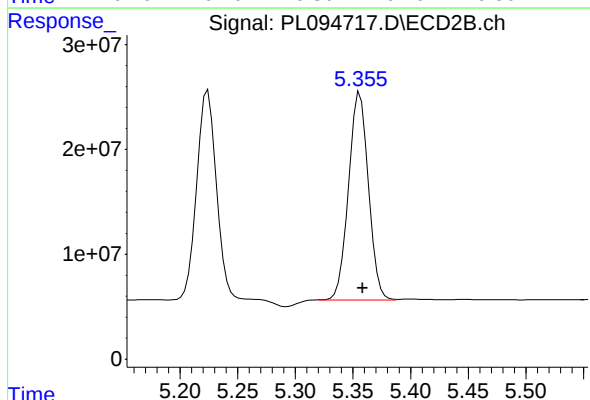
#13 Dieldrin

R.T.: 6.346 min
Delta R.T.: 0.002 min
Response: 144184019
Conc: 45.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

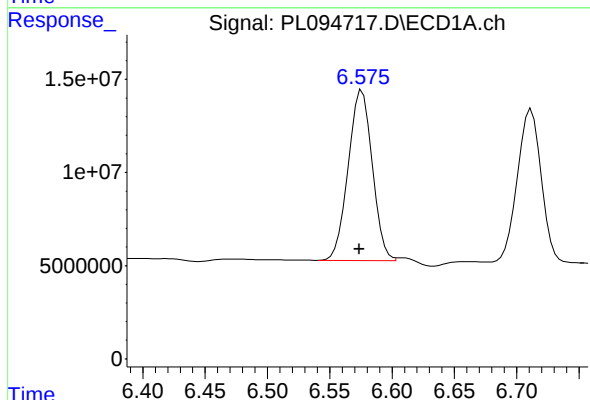
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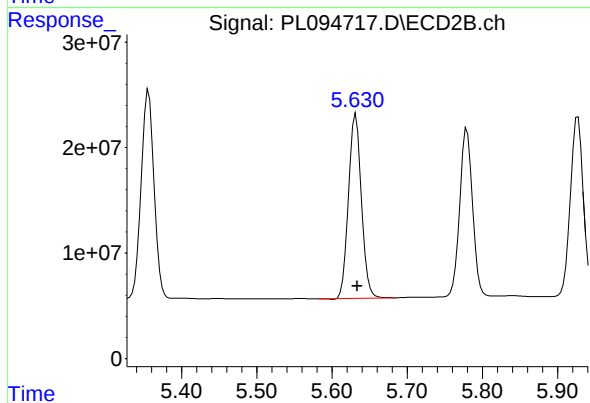
#13 Dieldrin

R.T.: 5.355 min
Delta R.T.: -0.004 min
Response: 236447335
Conc: 48.73 ng/ml



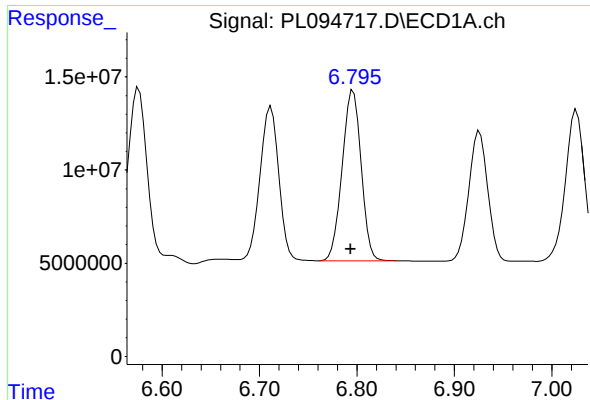
#14 Endrin

R.T.: 6.575 min
Delta R.T.: 0.000 min
Response: 122717029
Conc: 44.27 ng/ml



#14 Endrin

R.T.: 5.632 min
Delta R.T.: -0.002 min
Response: 208157507
Conc: 47.70 ng/ml



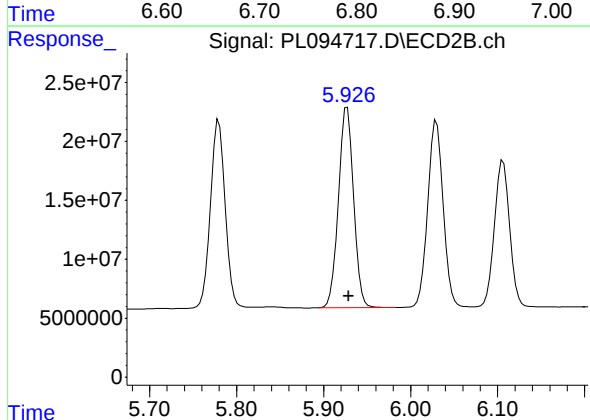
#15 Endosulfan II

R.T.: 6.796 min
Delta R.T.: 0.003 min
Response: 123567552
Conc: 45.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

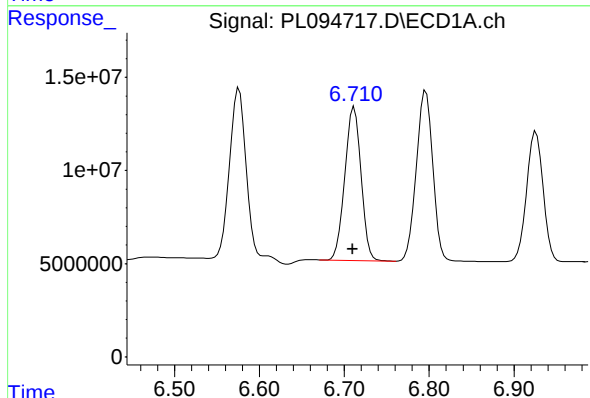
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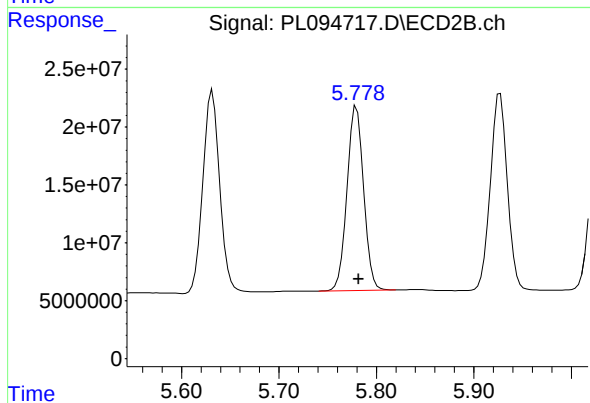
#15 Endosulfan II

R.T.: 5.927 min
Delta R.T.: -0.002 min
Response: 206661414
Conc: 47.75 ng/ml



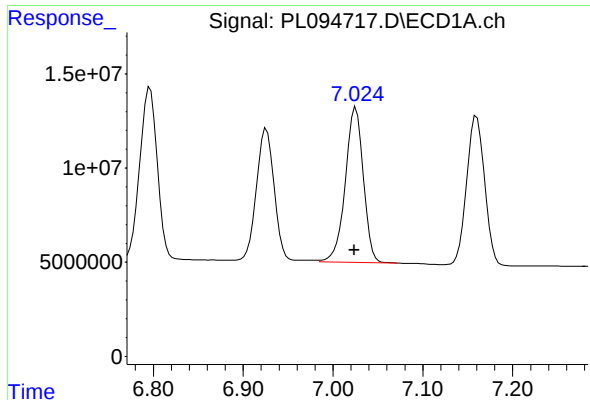
#16 4,4'-DDD

R.T.: 6.712 min
Delta R.T.: 0.002 min
Response: 109657821
Conc: 50.63 ng/ml



#16 4,4'-DDD

R.T.: 5.780 min
Delta R.T.: -0.002 min
Response: 188271379
Conc: 52.36 ng/ml



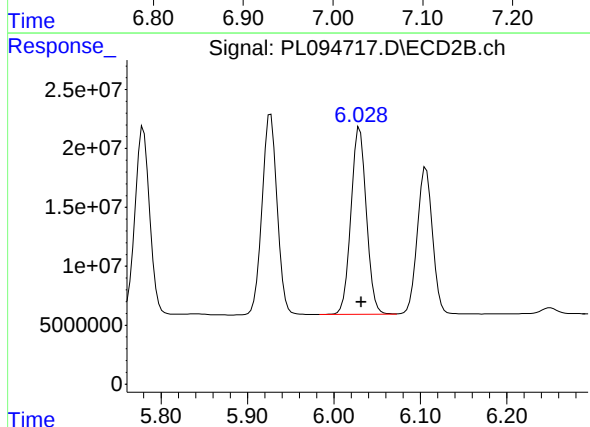
#17 4,4'-DDT

R.T.: 7.025 min
Delta R.T.: 0.002 min
Response: 114344688
Conc: 48.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

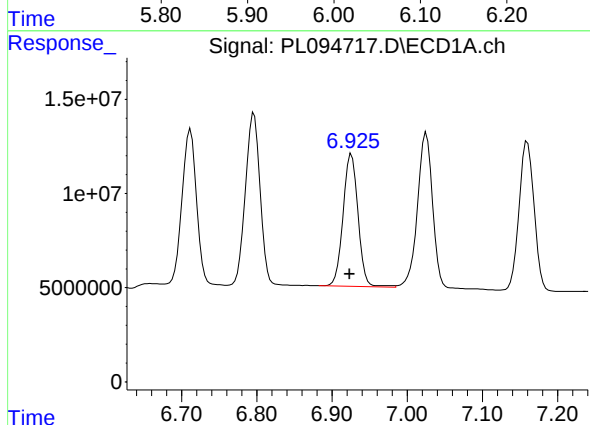
Manual Integrations
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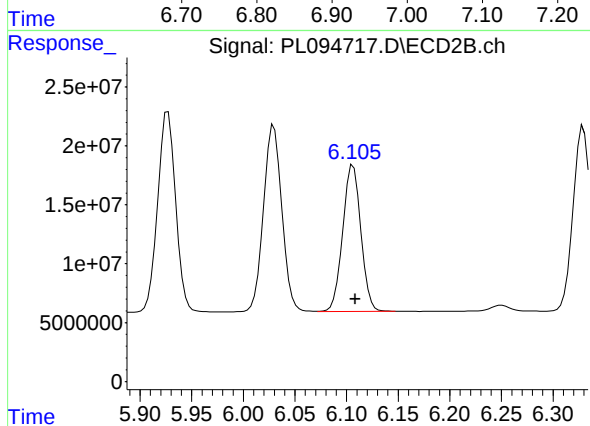
#17 4,4'-DDT

R.T.: 6.030 min
Delta R.T.: -0.002 min
Response: 196401248
Conc: 48.71 ng/ml



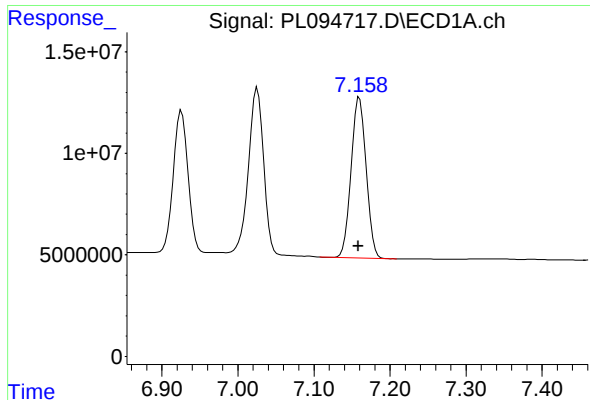
#18 Endrin aldehyde

R.T.: 6.926 min
Delta R.T.: 0.002 min
Response: 96881879
Conc: 45.89 ng/ml



#18 Endrin aldehyde

R.T.: 6.106 min
Delta R.T.: -0.002 min
Response: 151990890
Conc: 45.16 ng/ml



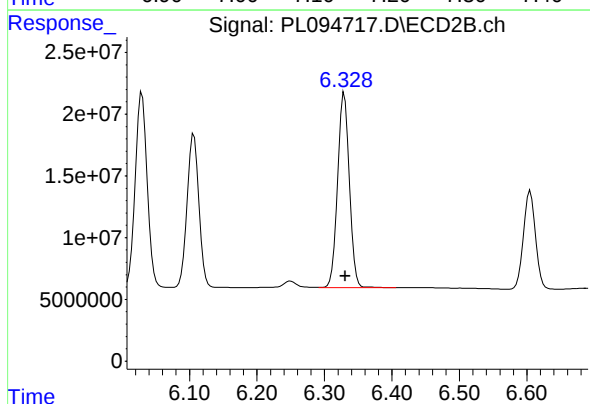
#19 Endosulfan Sulfate

R.T.: 7.160 min
Delta R.T.: 0.001 min
Response: 109403696
Conc: 44.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

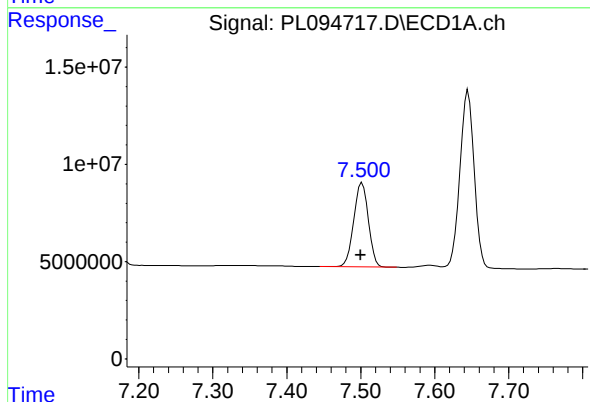
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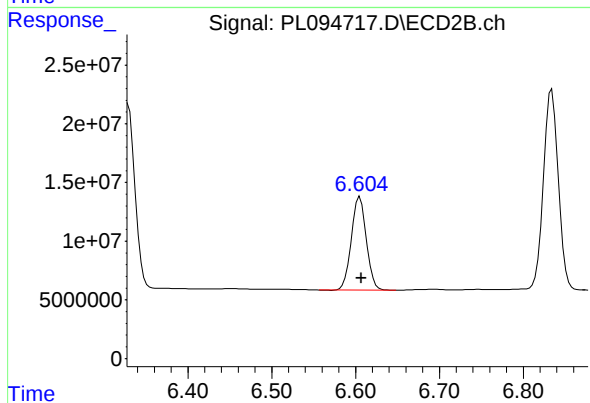
#19 Endosulfan Sulfate

R.T.: 6.329 min
Delta R.T.: -0.001 min
Response: 192204285
Conc: 47.18 ng/ml



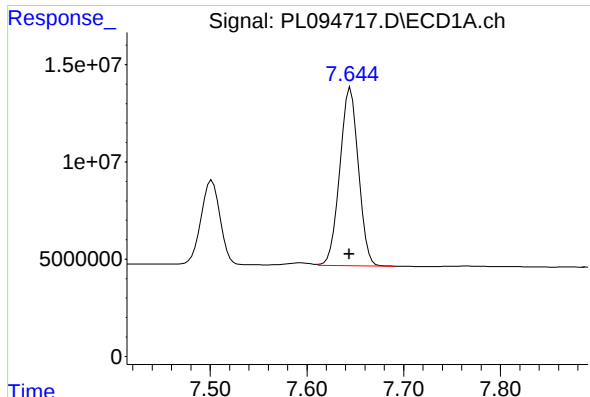
#20 Methoxychlor

R.T.: 7.502 min
Delta R.T.: 0.002 min
Response: 59452978
Conc: 49.67 ng/ml



#20 Methoxychlor

R.T.: 6.605 min
Delta R.T.: -0.002 min
Response: 98403617
Conc: 46.39 ng/ml



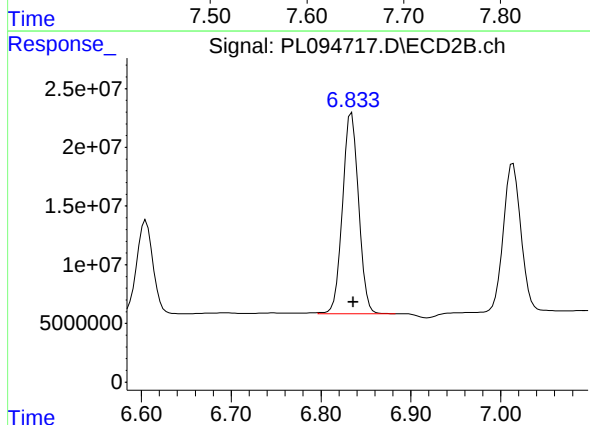
#21 Endrin ketone

R.T.: 7.645 min
Delta R.T.: 0.001 min
Response: 122088737
Conc: 46.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

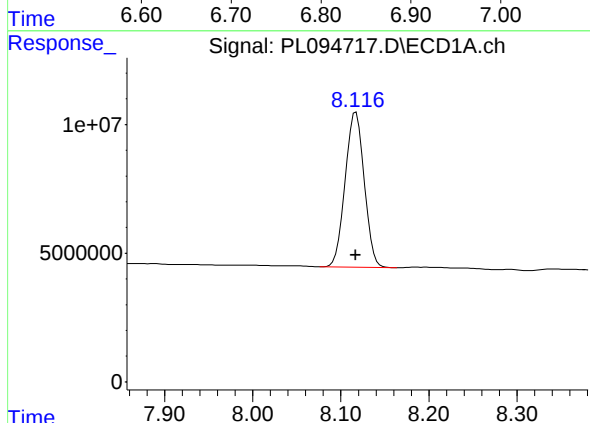
Manual Integrations
APPROVED

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



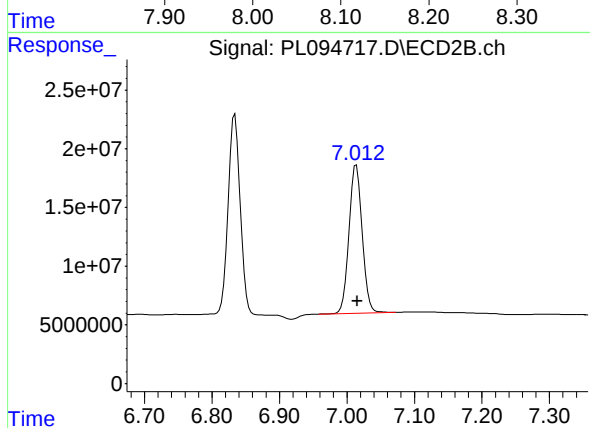
#21 Endrin ketone

R.T.: 6.833 min
Delta R.T.: -0.003 min
Response: 212694870
Conc: 44.57 ng/ml m



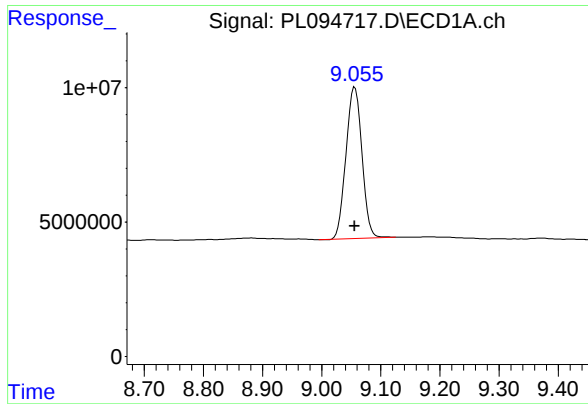
#22 Mirex

R.T.: 8.117 min
Delta R.T.: 0.000 min
Response: 90807571
Conc: 43.95 ng/ml



#22 Mirex

R.T.: 7.012 min
Delta R.T.: -0.003 min
Response: 172721174
Conc: 45.51 ng/ml m



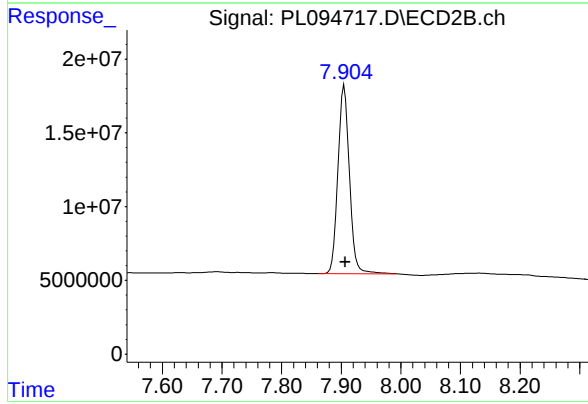
#28 Decachlorobiphenyl

R.T.: 9.056 min
Delta R.T.: 0.000 min
Response: 105833762
Conc: 50.22 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: 171333252
Conc: 42.42 ng/ml