

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032525\
 Data File : PL094842.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Mar 2025 17:01
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 99 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/26/2025
 Supervised By : mohammad ahmed 03/27/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 26 01:21:13 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...	3.538	2.769	133.2E6	185.1E6	47.058	51.850
28)	SA Decachlor...	9.055	7.904	101.6E6	195.8E6	48.187	48.471
Target Compounds							
2)	A alpha-BHC	3.994	3.272	193.0E6	285.7E6	46.486	52.995
3)	MA gamma-BHC...	4.327	3.601	185.4E6	268.5E6	46.454	52.240
4)	MA Heptachlor	4.915	3.939	171.4E6	261.0E6	44.155	49.535
5)	MB Aldrin	5.256	4.219	163.3E6	247.9E6	44.224	50.838
6)	B beta-BHC	4.526	3.902	84648905	115.6E6	45.875	52.049
7)	B delta-BHC	4.773	4.131	184.3E6	266.8E6	47.326	53.331
8)	B Heptachlo...	5.683	4.721	146.9E6	231.1E6	43.927	50.466
9)	A Endosulfan I	6.069	5.091	139.2E6	219.3E6	45.331	49.969
10)	B gamma-Chl...	5.939	4.971	150.8E6	244.3E6	44.768	50.586
11)	B alpha-Chl...	6.018	5.035	148.8E6	238.7E6	45.136	50.007
12)	B 4,4'-DDE	6.192	5.224	145.4E6	244.4E6	49.435	52.581
13)	MA Dieldrin	6.345	5.355	150.2E6	244.9E6	46.958	50.485
14)	MA Endrin	6.572	5.631	122.9E6	217.7E6	44.341m	49.882
15)	B Endosulfa...	6.794	5.926	125.9E6	212.9E6	46.382	49.197
16)	A 4,4'-DDD	6.710	5.778	110.5E6	191.9E6	51.003	53.380
17)	MA 4,4'-DDT	7.024	6.029	114.3E6	206.6E6	48.074	51.249
18)	B Endrin al...	6.924	6.105	94584147	160.3E6	44.806	47.625
19)	B Endosulfa...	7.159	6.328	113.1E6	204.0E6	46.502	50.076
20)	A Methoxychlor	7.501	6.604	58954237	109.5E6	49.249	51.619
21)	B Endrin ke...	7.645	6.834	124.3E6	233.0E6	47.010	48.823
22)	Mirex	8.116	7.013	90595618	181.8E6	43.845	47.909

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032525\
Data File : PL094842.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Mar 2025 17:01
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 99 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

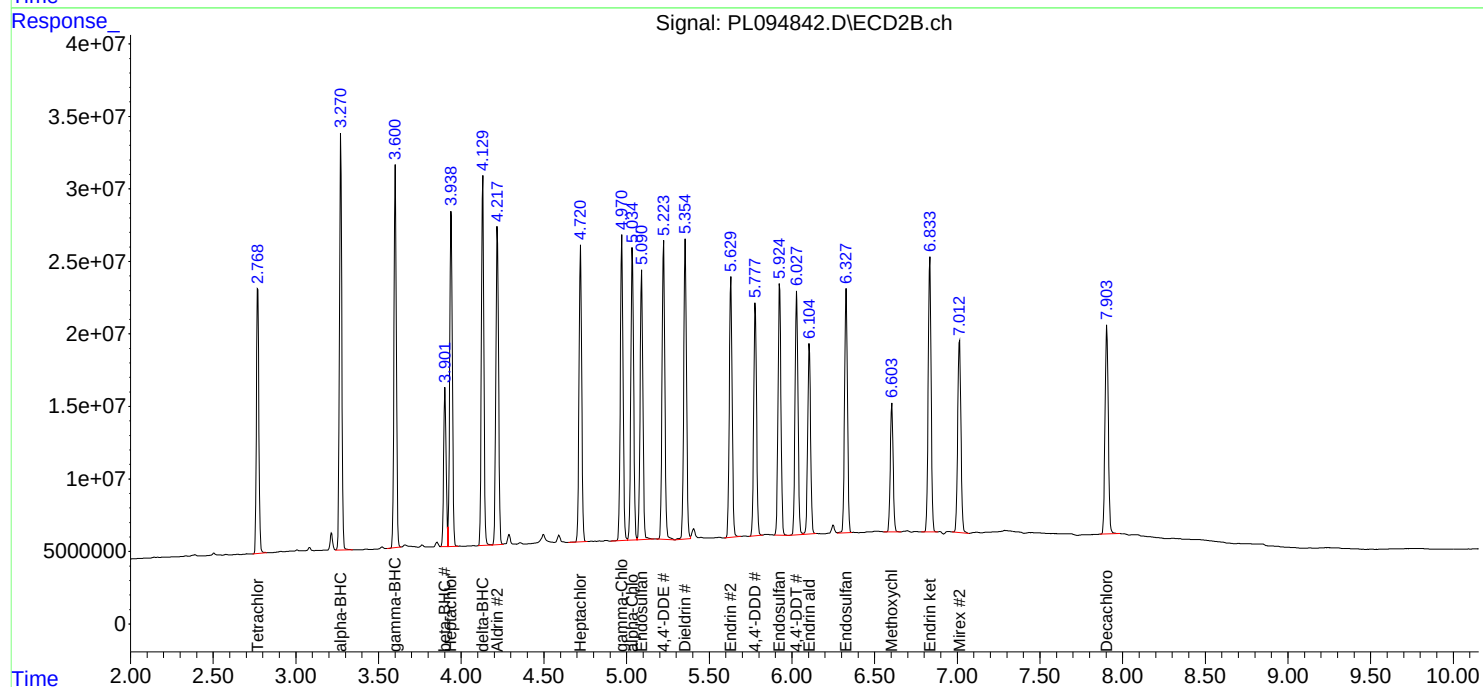
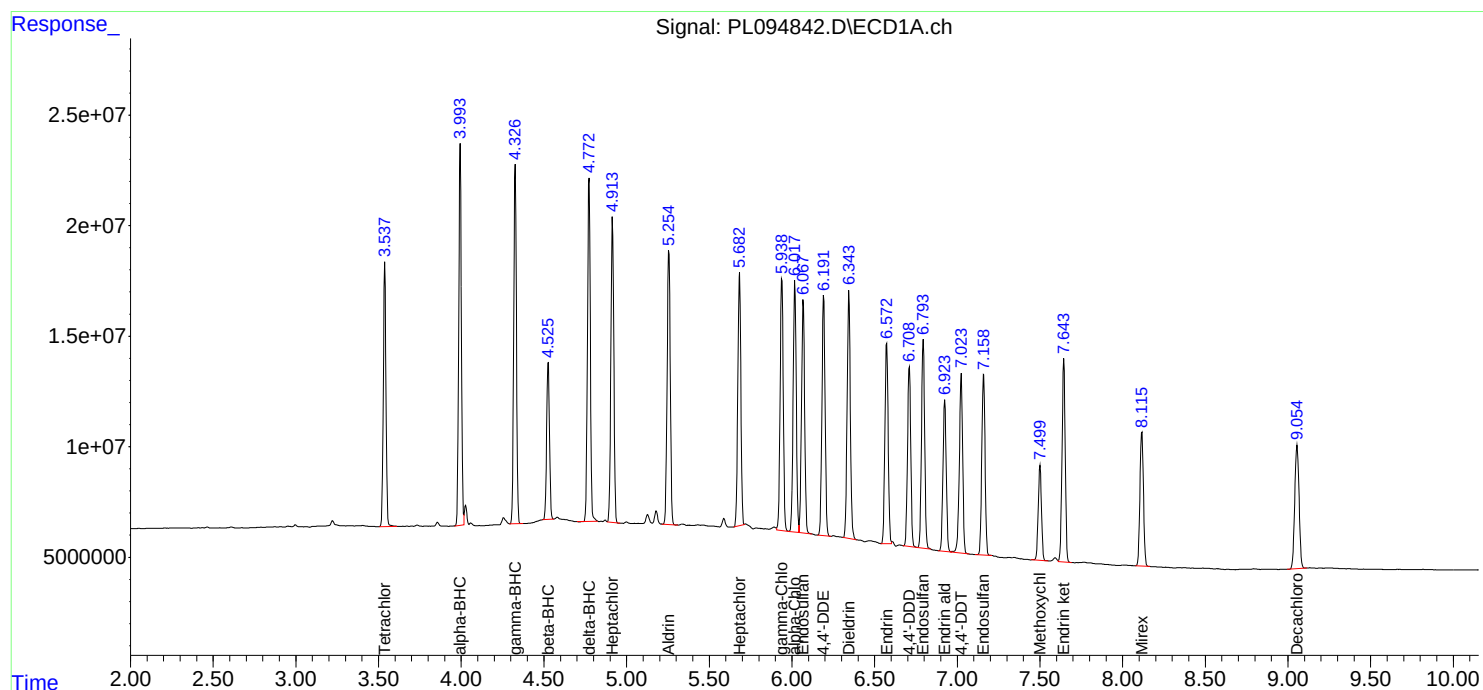
APPROVED

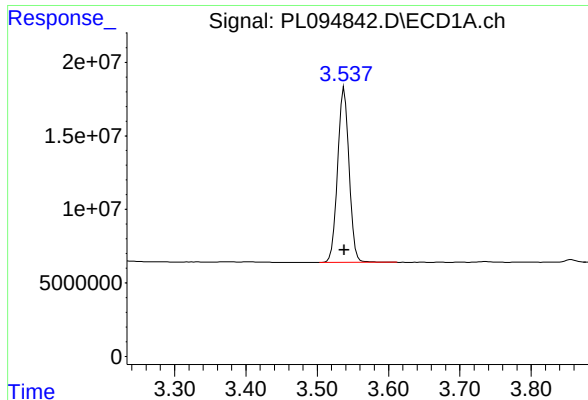
Reviewed By :Abdul Mirza 03/26/2025

Supervised By :mohammad ahmed 03/27/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 26 01:21:13 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





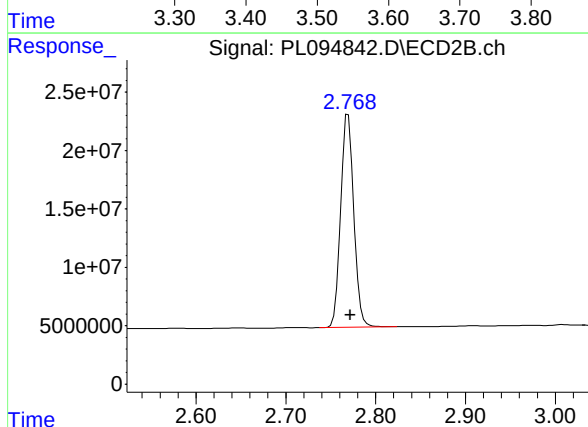
#1 Tetrachloro-m-xylene

R.T.: 3.538 min
Delta R.T.: 0.000 min
Response: 133205394
Conc: 47.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

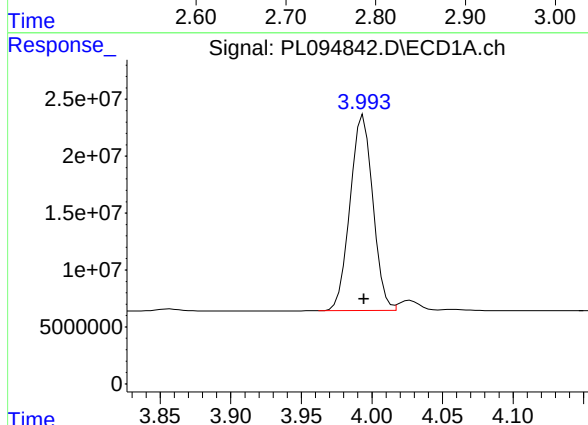
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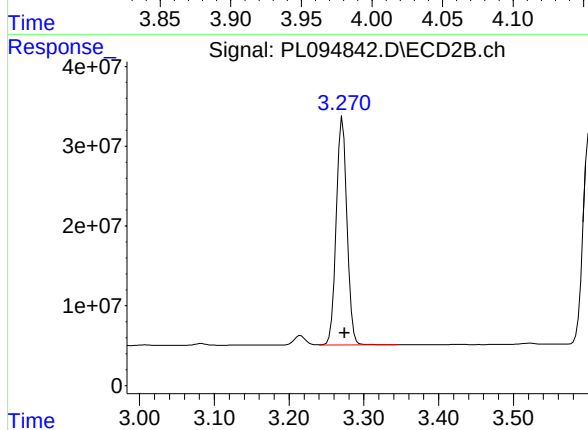
#1 Tetrachloro-m-xylene

R.T.: 2.769 min
Delta R.T.: -0.002 min
Response: 185066041
Conc: 51.85 ng/ml



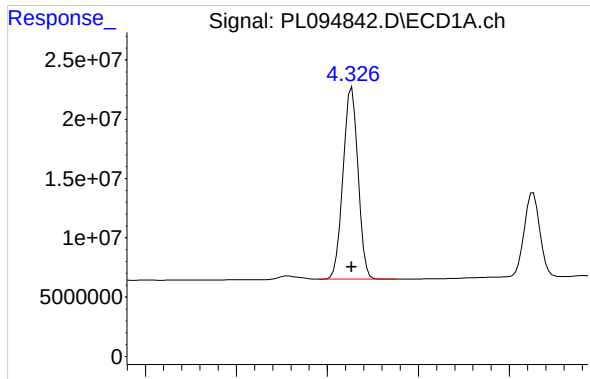
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: 0.000 min
Response: 193027762
Conc: 46.49 ng/ml



#2 alpha-BHC

R.T.: 3.272 min
Delta R.T.: -0.003 min
Response: 285714016
Conc: 52.99 ng/ml



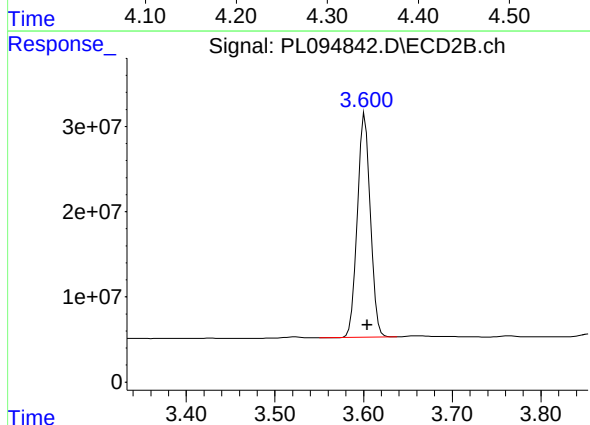
#3 gamma-BHC (Lindane)

R.T.: 4.327 min
Delta R.T.: 0.000 min
Response: 185364563
Conc: 46.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

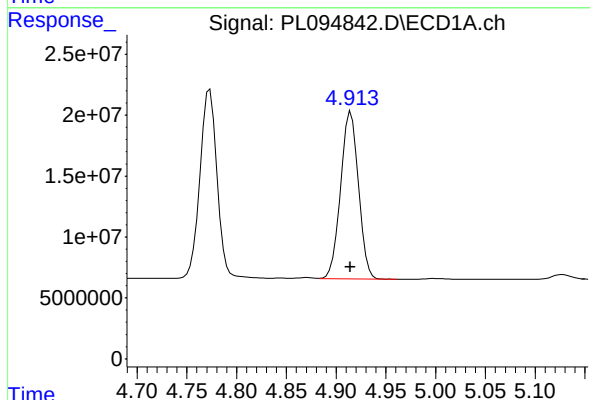
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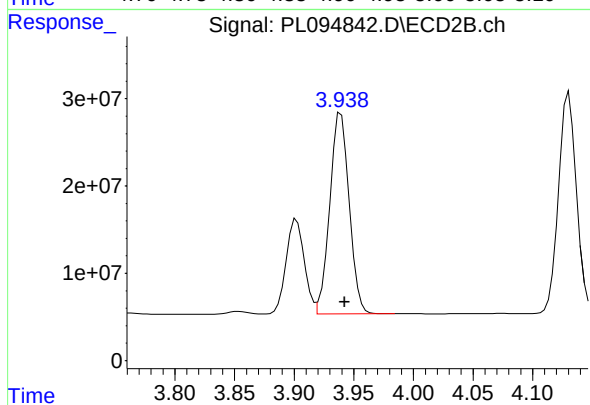
#3 gamma-BHC (Lindane)

R.T.: 3.601 min
Delta R.T.: -0.003 min
Response: 268484236
Conc: 52.24 ng/ml



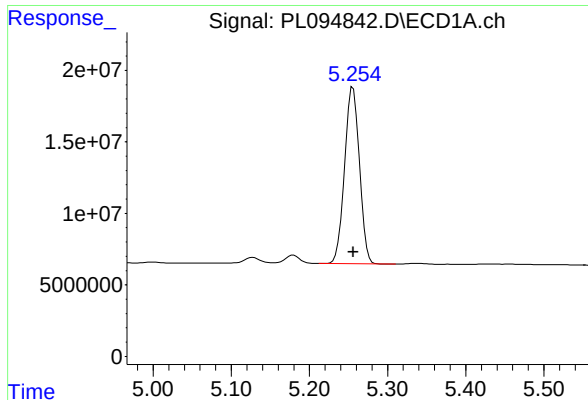
#4 Heptachlor

R.T.: 4.915 min
Delta R.T.: 0.000 min
Response: 171391322
Conc: 44.15 ng/ml



#4 Heptachlor

R.T.: 3.939 min
Delta R.T.: -0.003 min
Response: 260983901
Conc: 49.54 ng/ml



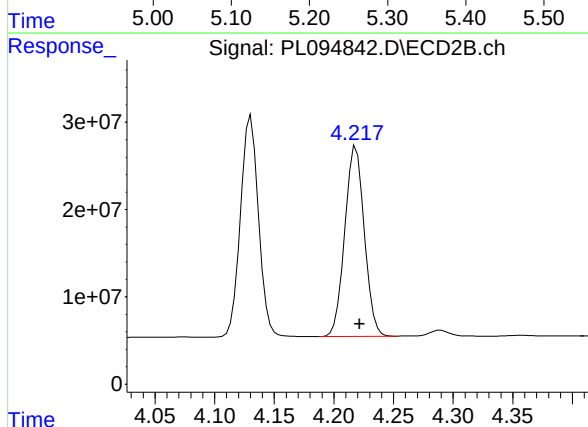
#5 Aldrin

R.T.: 5.256 min
Delta R.T.: 0.000 min
Response: 163283198
Conc: 44.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

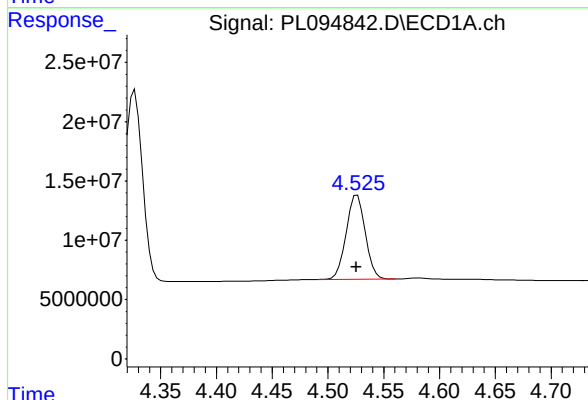
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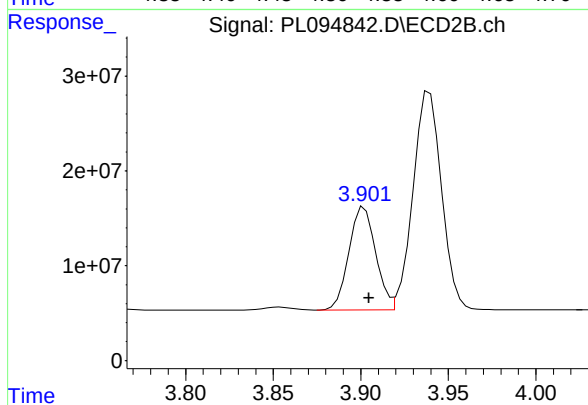
#5 Aldrin

R.T.: 4.219 min
Delta R.T.: -0.003 min
Response: 247902452
Conc: 50.84 ng/ml



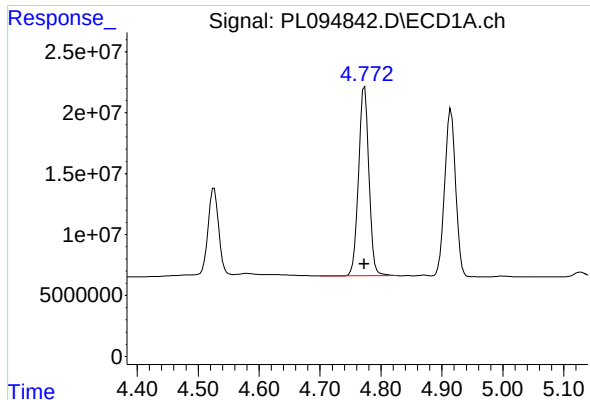
#6 beta-BHC

R.T.: 4.526 min
Delta R.T.: 0.000 min
Response: 84648905
Conc: 45.87 ng/ml



#6 beta-BHC

R.T.: 3.902 min
Delta R.T.: -0.003 min
Response: 115616187
Conc: 52.05 ng/ml



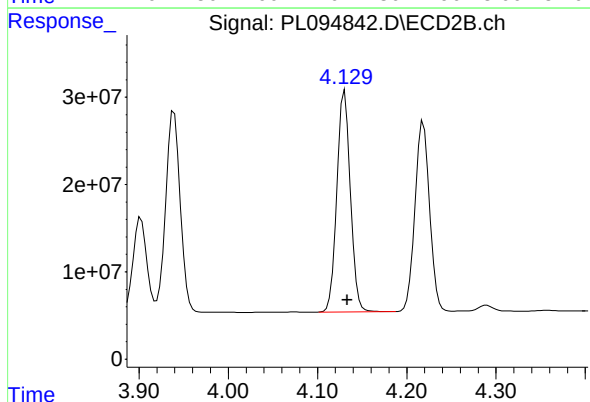
#7 delta-BHC

R.T.: 4.773 min
Delta R.T.: 0.000 min
Response: 184302582
Conc: 47.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

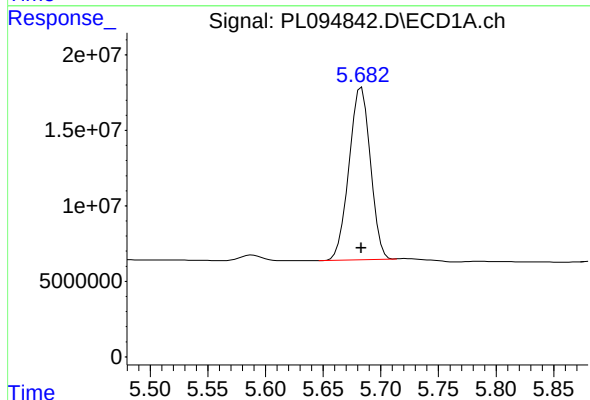
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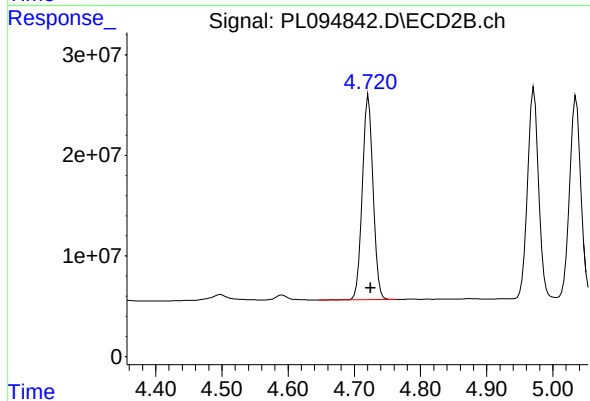
#7 delta-BHC

R.T.: 4.131 min
Delta R.T.: -0.003 min
Response: 266758687
Conc: 53.33 ng/ml



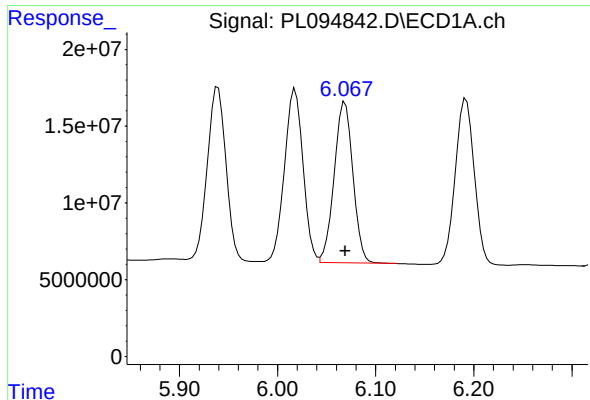
#8 Heptachlor epoxide

R.T.: 5.683 min
Delta R.T.: 0.000 min
Response: 146942910
Conc: 43.93 ng/ml



#8 Heptachlor epoxide

R.T.: 4.721 min
Delta R.T.: -0.003 min
Response: 231063980
Conc: 50.47 ng/ml



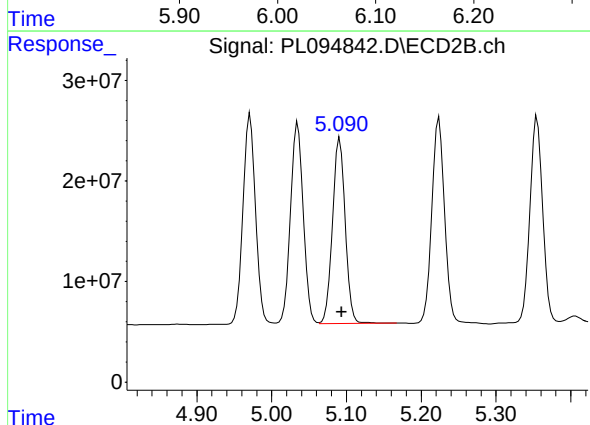
#9 Endosulfan I

R.T.: 6.069 min
Delta R.T.: 0.000 min
Response: 139175722
Conc: 45.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

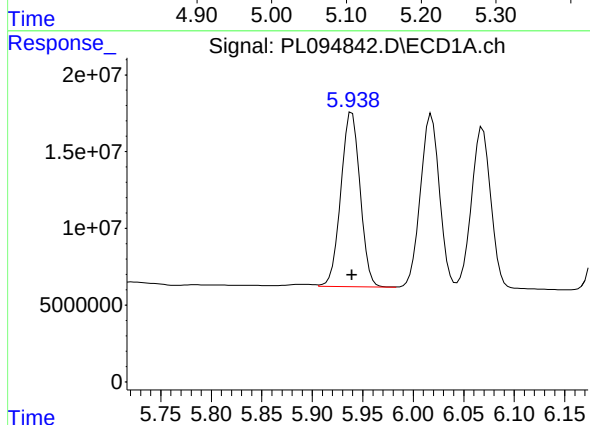
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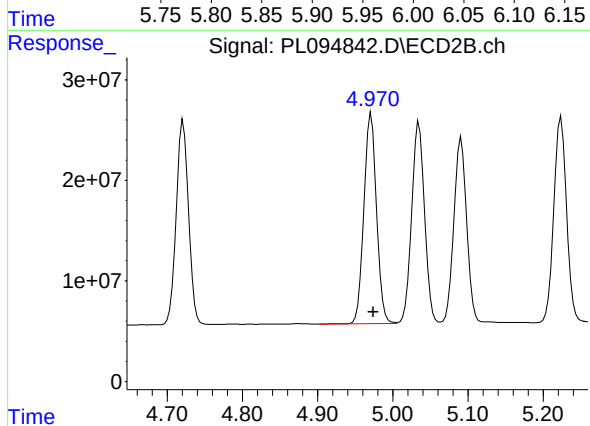
#9 Endosulfan I

R.T.: 5.091 min
Delta R.T.: -0.003 min
Response: 219299087
Conc: 49.97 ng/ml



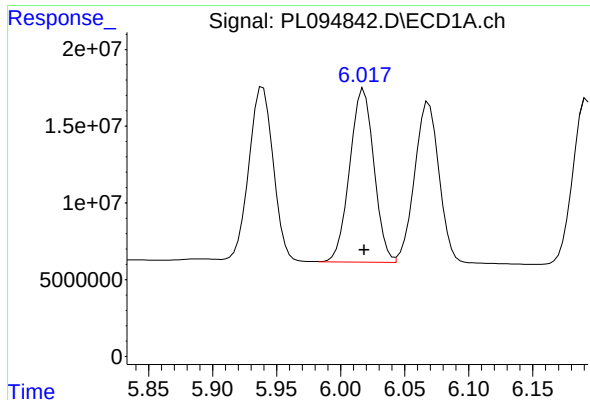
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: 0.000 min
Response: 150841211
Conc: 44.77 ng/ml



#10 gamma-Chlordane

R.T.: 4.971 min
Delta R.T.: -0.003 min
Response: 244251898
Conc: 50.59 ng/ml



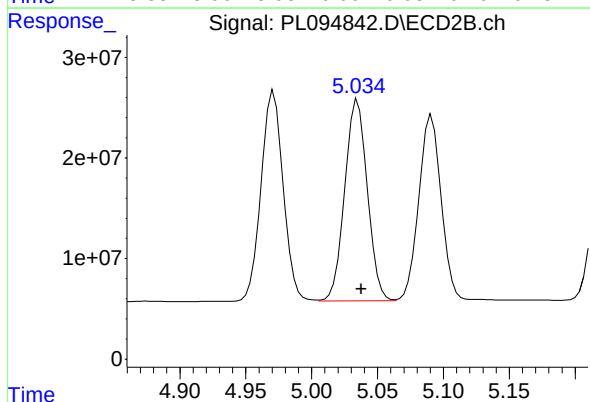
#11 alpha-Chlordane

R.T.: 6.018 min
Delta R.T.: 0.000 min
Response: 148805140
Conc: 45.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

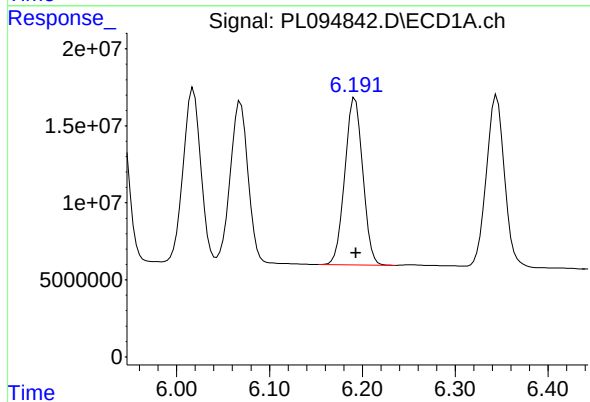
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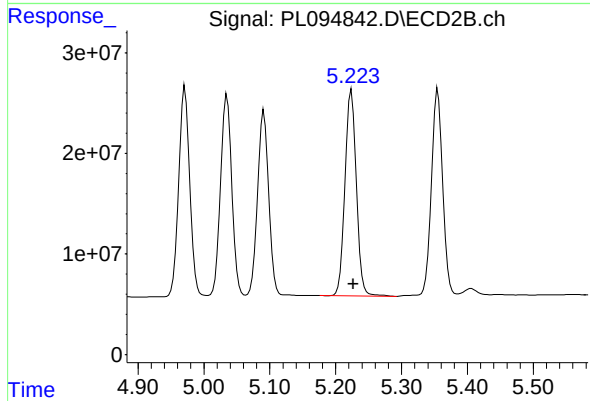
#11 alpha-Chlordane

R.T.: 5.035 min
Delta R.T.: -0.003 min
Response: 238671657
Conc: 50.01 ng/ml



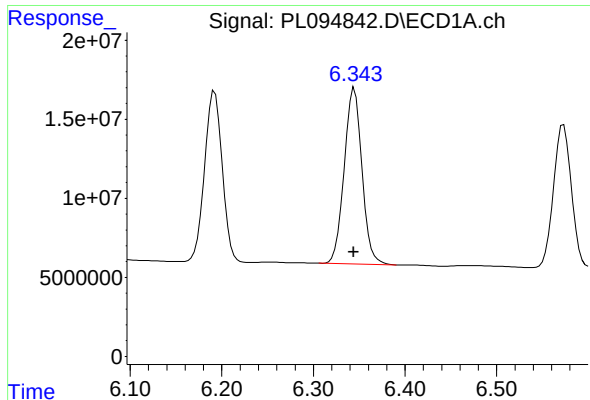
#12 4,4'-DDE

R.T.: 6.192 min
Delta R.T.: 0.000 min
Response: 145441087
Conc: 49.44 ng/ml



#12 4,4'-DDE

R.T.: 5.224 min
Delta R.T.: -0.003 min
Response: 244425384
Conc: 52.58 ng/ml



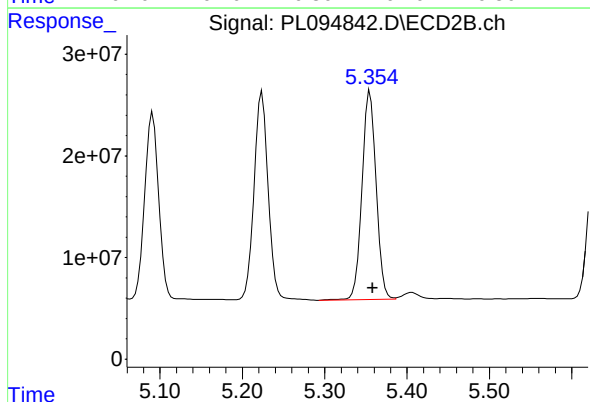
#13 Dieldrin

R.T.: 6.345 min
Delta R.T.: 0.000 min
Response: 150178255
Conc: 46.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

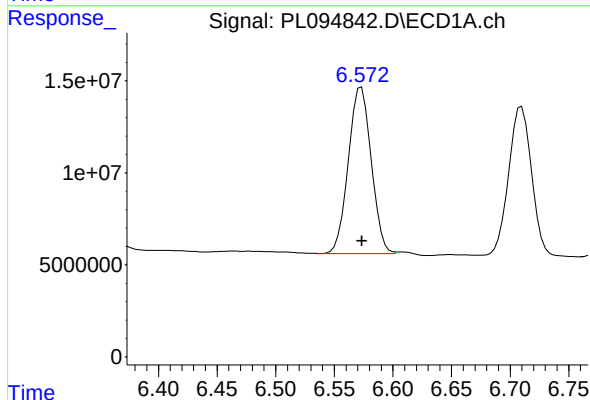
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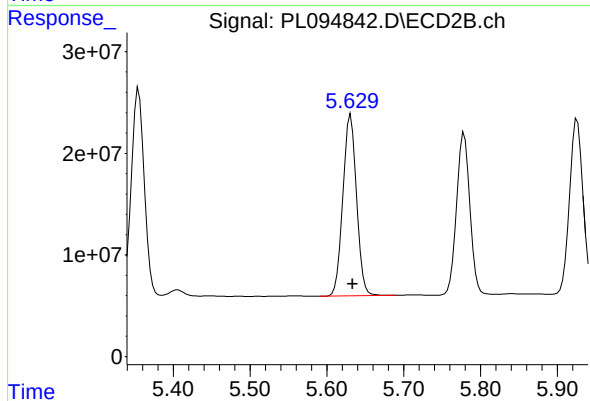
#13 Dieldrin

R.T.: 5.355 min
Delta R.T.: -0.003 min
Response: 244942412
Conc: 50.48 ng/ml



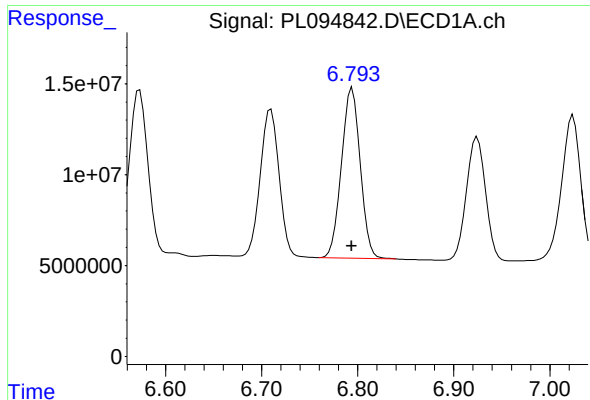
#14 Endrin

R.T.: 6.572 min
Delta R.T.: -0.002 min
Response: 122916251
Conc: 44.34 ng/ml m



#14 Endrin

R.T.: 5.631 min
Delta R.T.: -0.003 min
Response: 217668360
Conc: 49.88 ng/ml



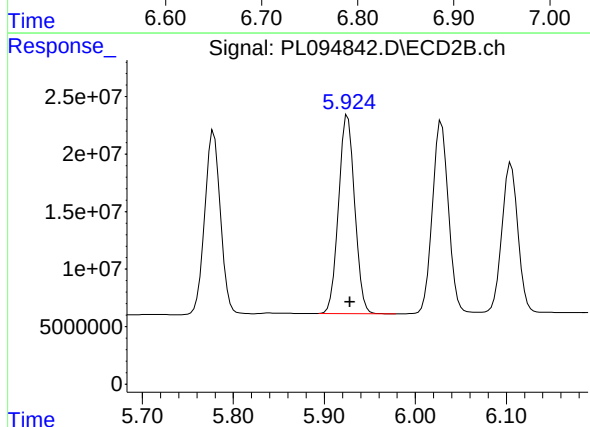
#15 Endosulfan II

R.T.: 6.794 min
Delta R.T.: 0.000 min
Response: 125915150
Conc: 46.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

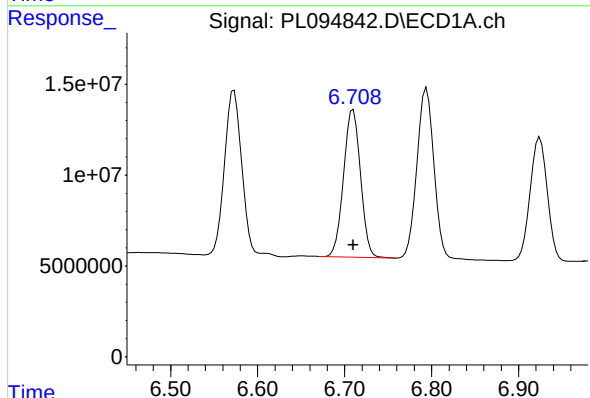
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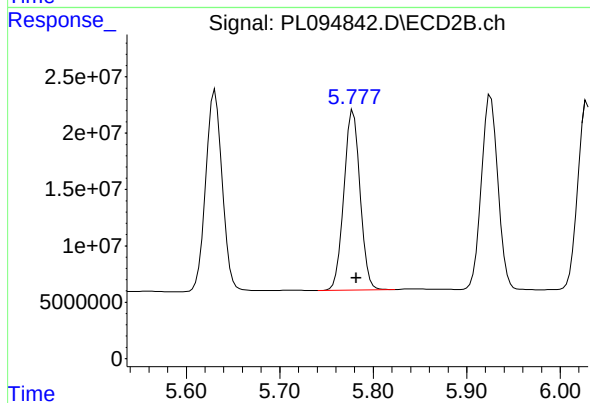
#15 Endosulfan II

R.T.: 5.926 min
Delta R.T.: -0.003 min
Response: 212938343
Conc: 49.20 ng/ml



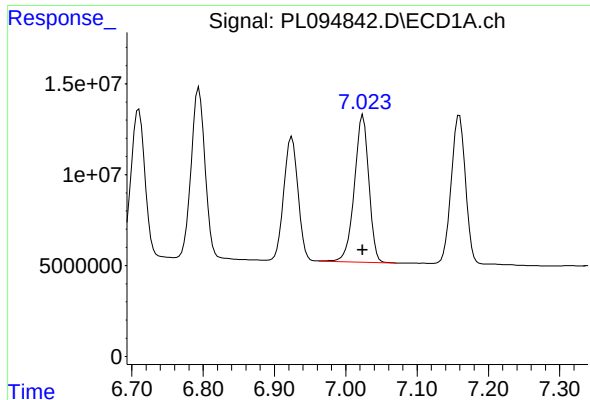
#16 4,4'-DDD

R.T.: 6.710 min
Delta R.T.: 0.000 min
Response: 110476351
Conc: 51.00 ng/ml



#16 4,4'-DDD

R.T.: 5.778 min
Delta R.T.: -0.003 min
Response: 191947448
Conc: 53.38 ng/ml



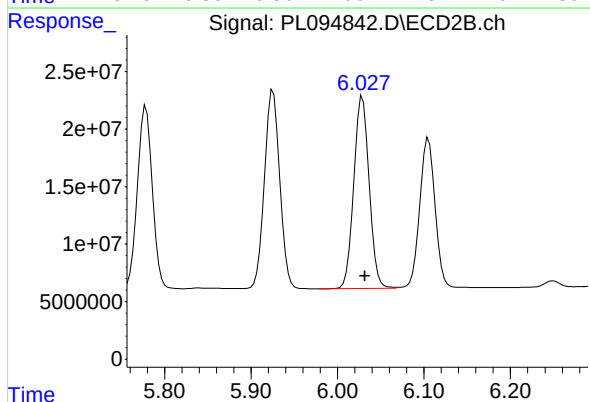
#17 4,4'-DDT

R.T.: 7.024 min
Delta R.T.: 0.000 min
Response: 114345473
Conc: 48.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

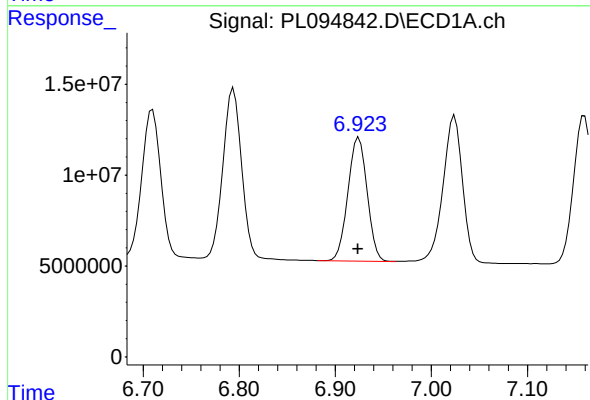
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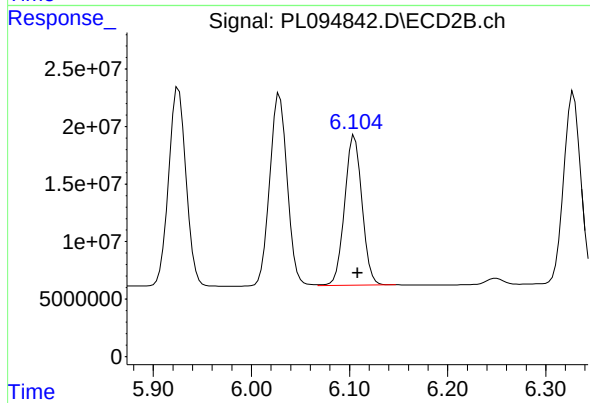
#17 4,4'-DDT

R.T.: 6.029 min
Delta R.T.: -0.003 min
Response: 206640771
Conc: 51.25 ng/ml



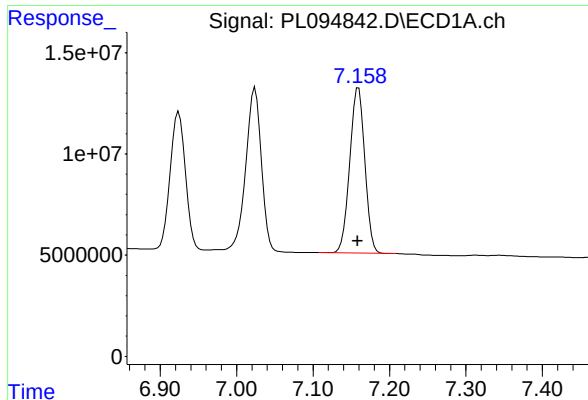
#18 Endrin aldehyde

R.T.: 6.924 min
Delta R.T.: 0.000 min
Response: 94584147
Conc: 44.81 ng/ml



#18 Endrin aldehyde

R.T.: 6.105 min
Delta R.T.: -0.003 min
Response: 160276240
Conc: 47.63 ng/ml



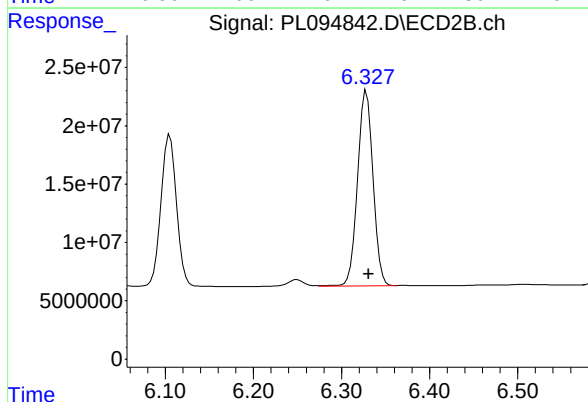
#19 Endosulfan Sulfate

R.T.: 7.159 min
Delta R.T.: 0.000 min
Response: 113093338
Conc: 46.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

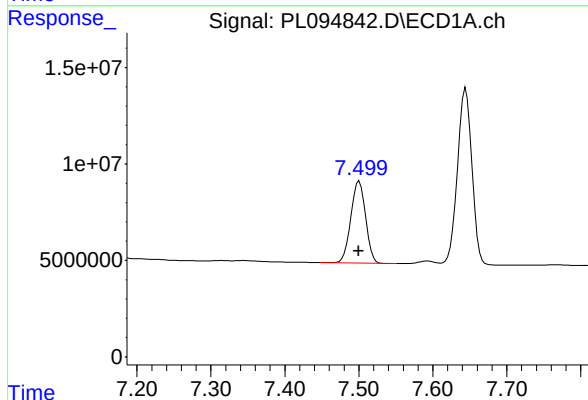
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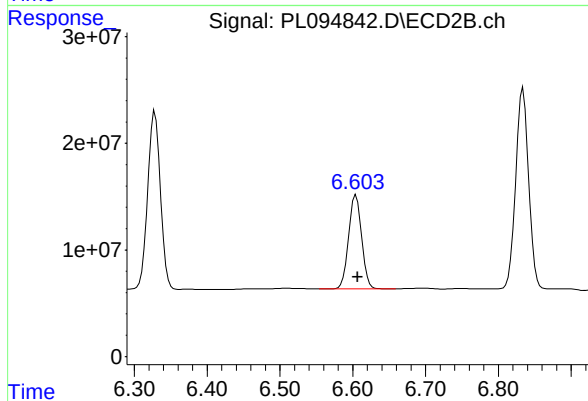
#19 Endosulfan Sulfate

R.T.: 6.328 min
Delta R.T.: -0.002 min
Response: 203980789
Conc: 50.08 ng/ml



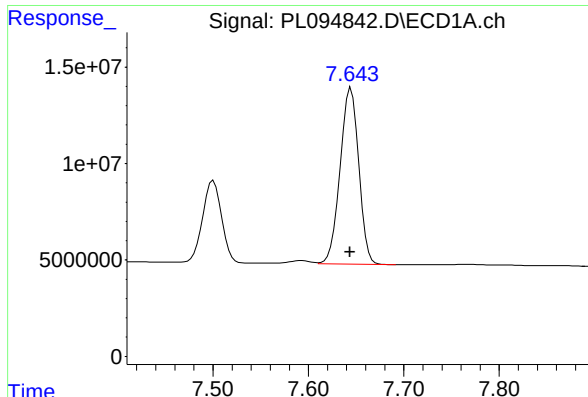
#20 Methoxychlor

R.T.: 7.501 min
Delta R.T.: 0.000 min
Response: 58954237
Conc: 49.25 ng/ml



#20 Methoxychlor

R.T.: 6.604 min
Delta R.T.: -0.003 min
Response: 109486789
Conc: 51.62 ng/ml



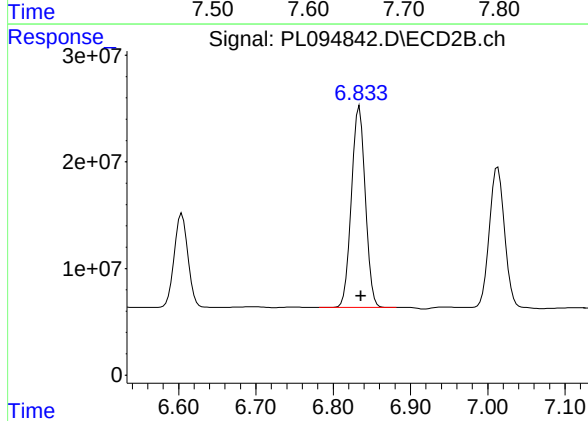
#21 Endrin ketone

R.T.: 7.645 min
Delta R.T.: 0.000 min
Response: 124260801
Conc: 47.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

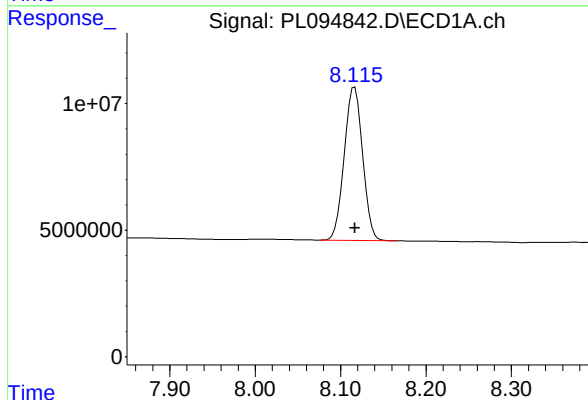
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Reviewed By :Abdul Mirza 03/26/2025
Supervised By :mohammad ahmed 03/27/2025



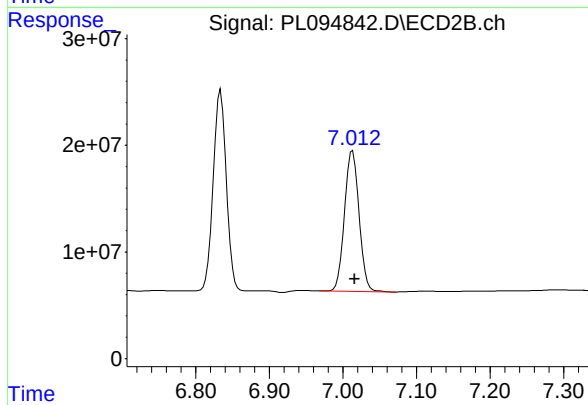
#21 Endrin ketone

R.T.: 6.834 min
Delta R.T.: -0.002 min
Response: 233009772
Conc: 48.82 ng/ml



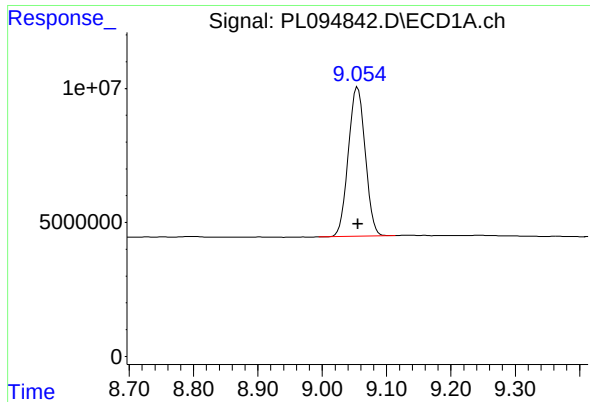
#22 Mirex

R.T.: 8.116 min
Delta R.T.: 0.000 min
Response: 90595618
Conc: 43.84 ng/ml



#22 Mirex

R.T.: 7.013 min
Delta R.T.: -0.003 min
Response: 181829253
Conc: 47.91 ng/ml



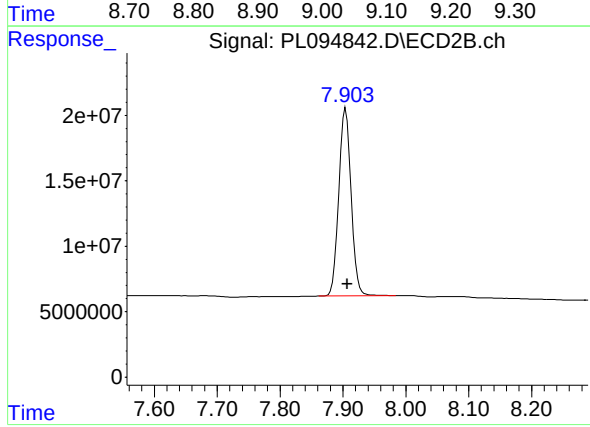
#28 Decachlorobiphenyl

R.T.: 9.055 min
Delta R.T.: 0.000 min
Response: 101552836
Conc: 48.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/26/2025
Supervised By :mohammad ahmed 03/27/2025



#28 Decachlorobiphenyl

R.T.: 7.904 min
Delta R.T.: -0.002 min
Response: 195792953
Conc: 48.47 ng/ml