

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL033125\
 Data File : PL094971.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Mar 2025 20:13
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/01/2025
 Supervised By :mohammad ahmed 04/07/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 01 02:15:20 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...	3.536	2.769	136.9E6	186.9E6	48.355	52.359
28)	SA Decachlor...	9.054	7.903	107.5E6	210.1E6	51.028	52.025
Target Compounds							
2)	A alpha-BHC	3.992	3.271	201.0E6	285.8E6	48.401	53.007
3)	MA gamma-BHC...	4.325	3.600	192.4E6	268.7E6	48.212	52.278m
4)	MA Heptachlor	4.913	3.939	180.8E6	264.7E6	46.569	50.248
5)	MB Aldrin	5.255	4.218	173.7E6	250.8E6	47.035	51.431
6)	B beta-BHC	4.524	3.902	87785142	116.3E6	47.574	52.344
7)	B delta-BHC	4.771	4.130	193.1E6	267.8E6	49.594	53.535
8)	B Heptachlo...	5.682	4.721	157.4E6	233.9E6	47.043	51.081
9)	A Endosulfan I	6.067	5.091	150.1E6	226.6E6	48.880	51.639
10)	B gamma-Chl...	5.938	4.971	162.0E6	248.1E6	48.079	51.384
11)	B alpha-Chl...	6.017	5.034	159.9E6	243.6E6	48.489	51.034
12)	B 4,4'-DDE	6.191	5.223	158.1E6	250.3E6	53.730	53.850
13)	MA Dieldrin	6.343	5.354	158.5E6	251.6E6	49.568	51.865
14)	MA Endrin	6.573	5.630	126.7E6	222.3E6	45.698	50.951
15)	B Endosulfa...	6.793	5.925	135.6E6	223.1E6	49.943	51.550
16)	A 4,4'-DDD	6.709	5.778	122.5E6	202.9E6	56.559	56.423
17)	MA 4,4'-DDT	7.023	6.028	121.6E6	217.1E6	51.126	53.852
18)	B Endrin al...	6.923	6.105	102.0E6	168.6E6	48.329	50.094
19)	B Endosulfa...	7.158	6.328	120.0E6	210.4E6	49.346	51.642
20)	A Methoxychlor	7.499	6.602	62887114	113.7E6	52.534	53.590m
21)	B Endrin ke...	7.643	6.831	135.5E6	251.0E6	51.276	52.592m
22)	Mirex	8.116	7.012	97290738	192.7E6	47.085	50.772

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL033125\
Data File : PL094971.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Mar 2025 20:13
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

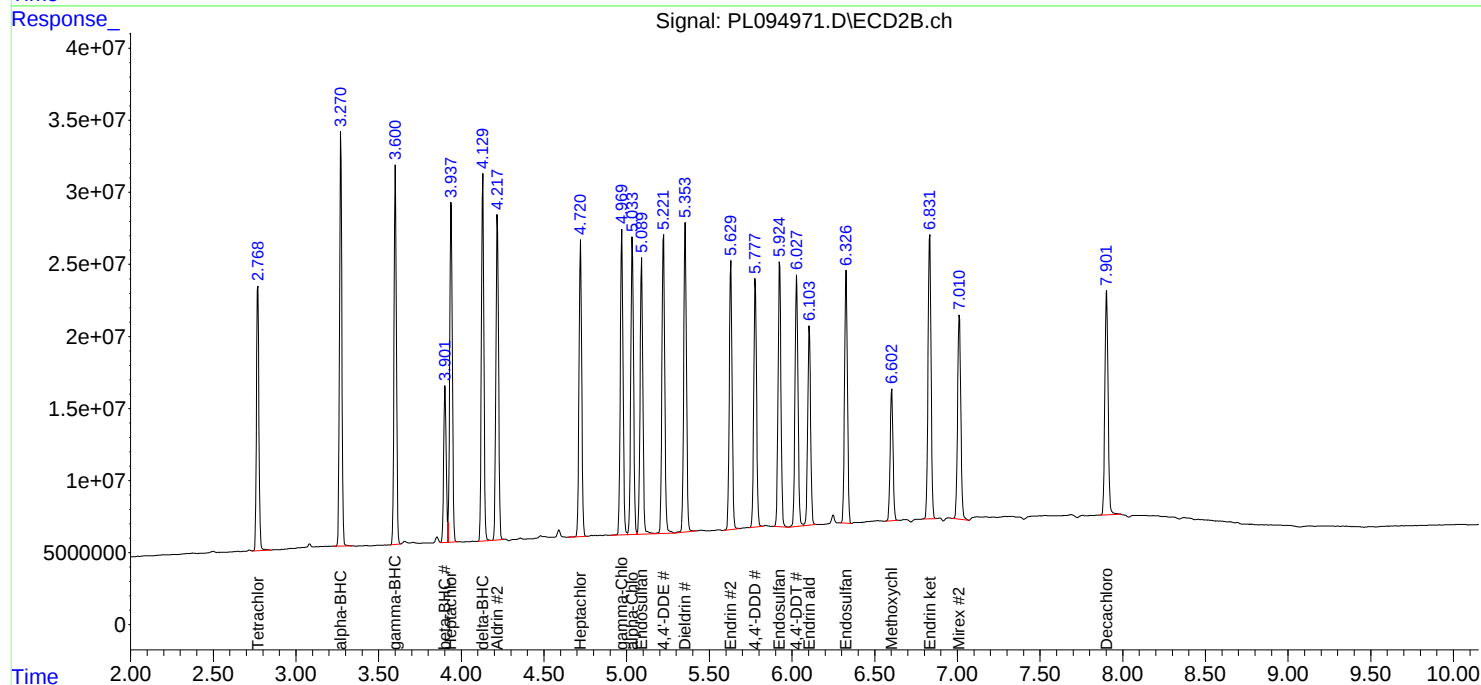
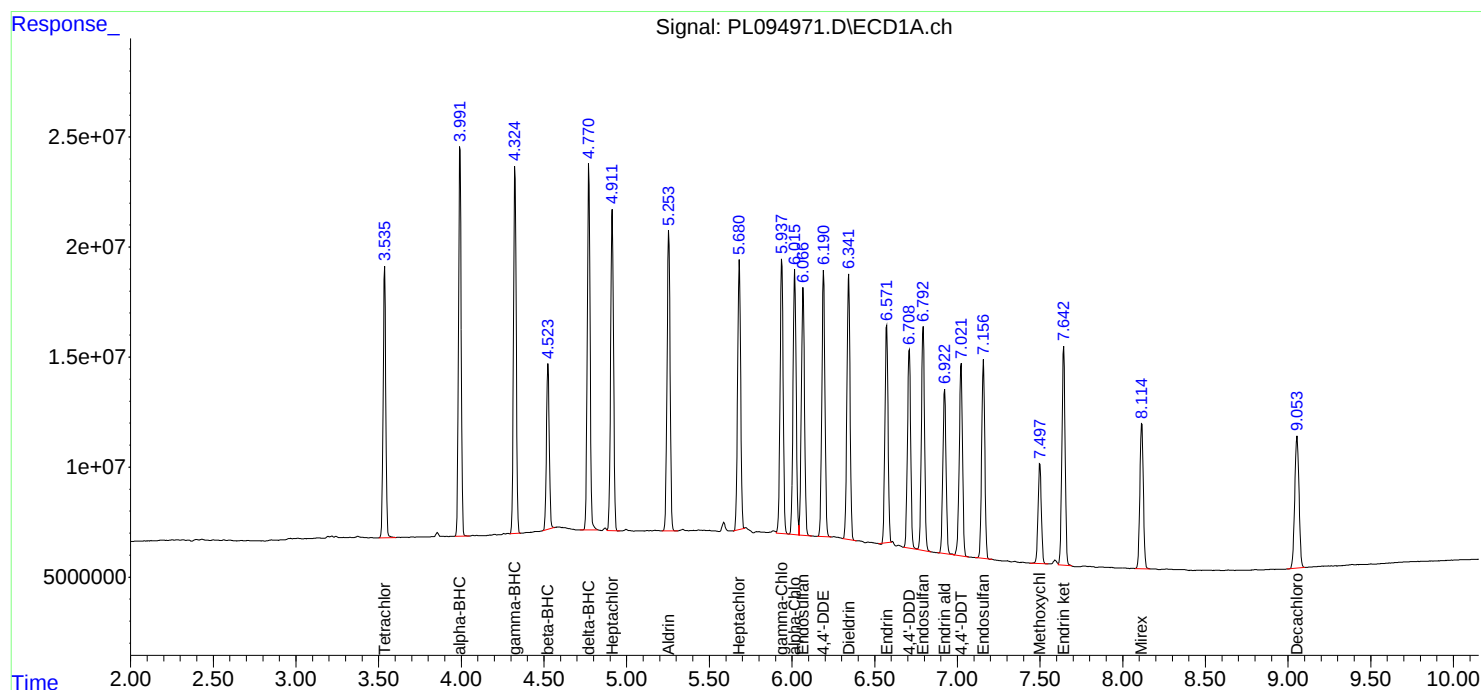
APPROVED

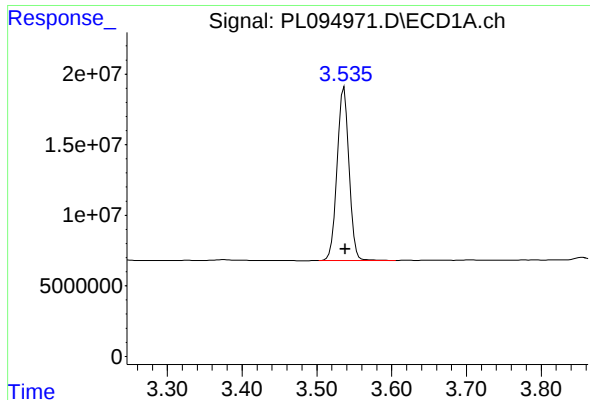
Reviewed By :Abdul Mirza 04/01/2025

Supervised By :mohammad ahmed 04/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 01 02:15:20 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





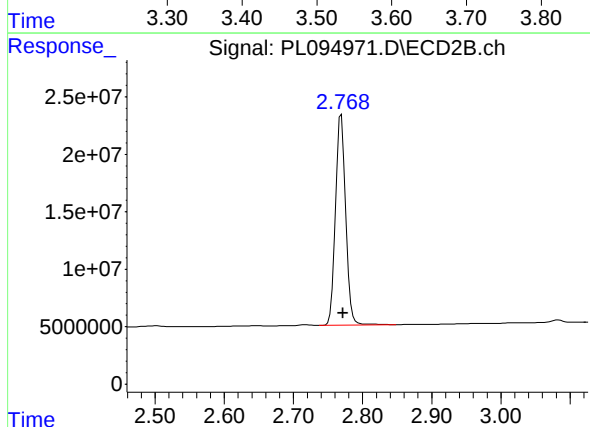
#1 Tetrachloro-m-xylene

R.T.: 3.536 min
Delta R.T.: -0.002 min
Response: 136878180
Conc: 48.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

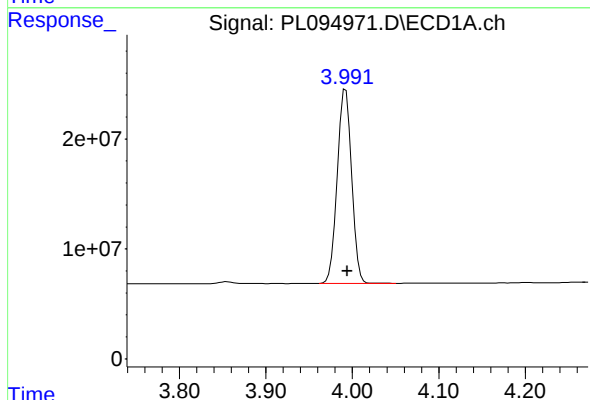
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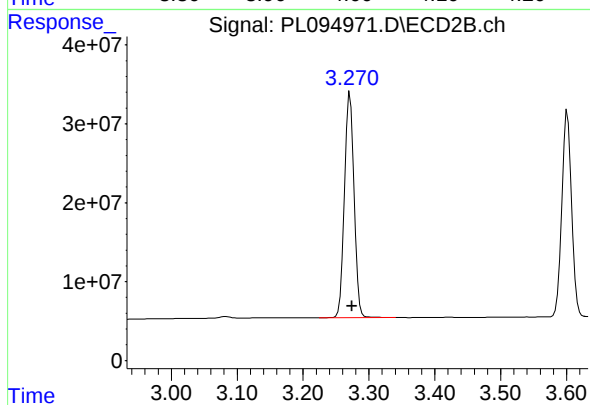
#1 Tetrachloro-m-xylene

R.T.: 2.769 min
Delta R.T.: -0.003 min
Response: 186883957
Conc: 52.36 ng/ml



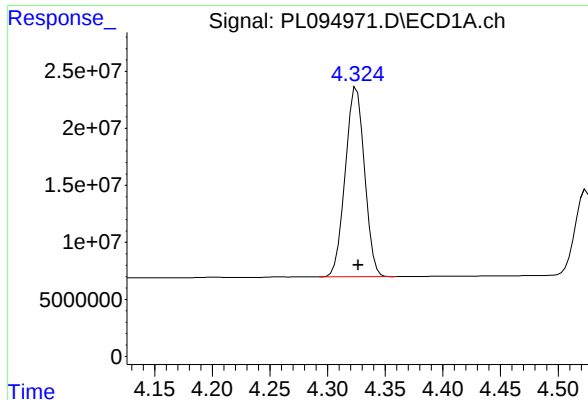
#2 alpha-BHC

R.T.: 3.992 min
Delta R.T.: -0.002 min
Response: 200978629
Conc: 48.40 ng/ml



#2 alpha-BHC

R.T.: 3.271 min
Delta R.T.: -0.003 min
Response: 285778485
Conc: 53.01 ng/ml



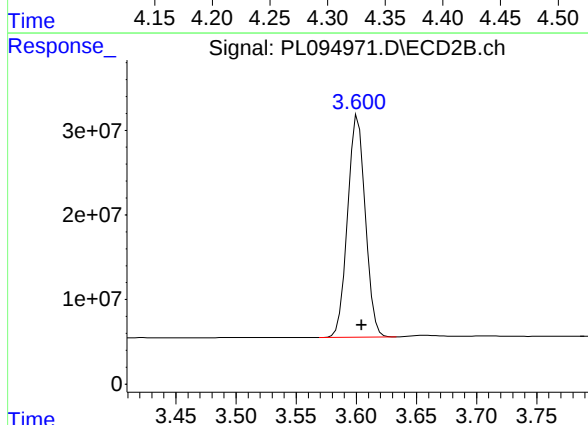
#3 gamma-BHC (Lindane)

R.T.: 4.325 min
Delta R.T.: -0.002 min
Response: 192377032
Conc: 48.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

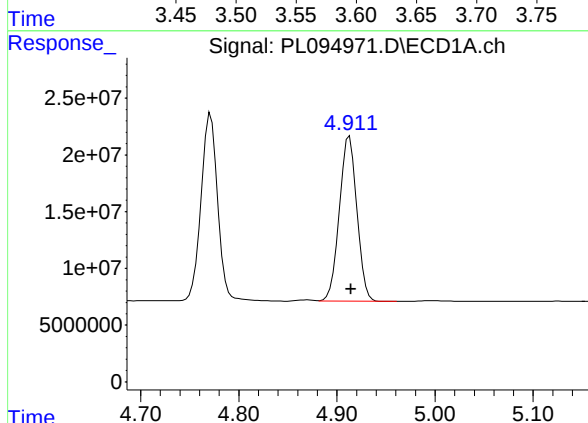
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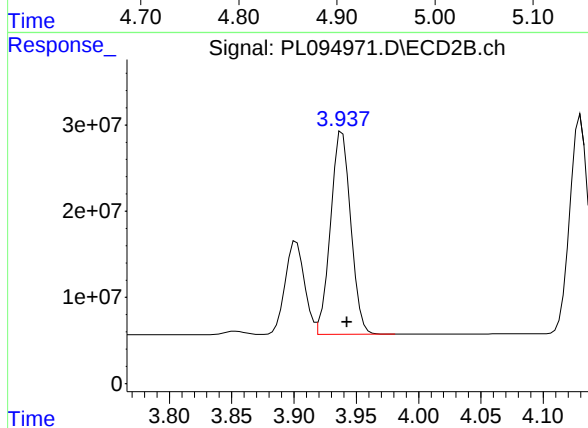
#3 gamma-BHC (Lindane)

R.T.: 3.600 min
Delta R.T.: -0.004 min
Response: 268678772
Conc: 52.28 ng/ml



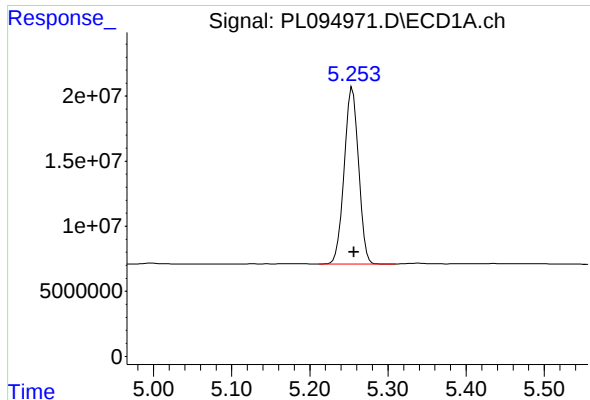
#4 Heptachlor

R.T.: 4.913 min
Delta R.T.: -0.002 min
Response: 180764787
Conc: 46.57 ng/ml



#4 Heptachlor

R.T.: 3.939 min
Delta R.T.: -0.004 min
Response: 264736500
Conc: 50.25 ng/ml



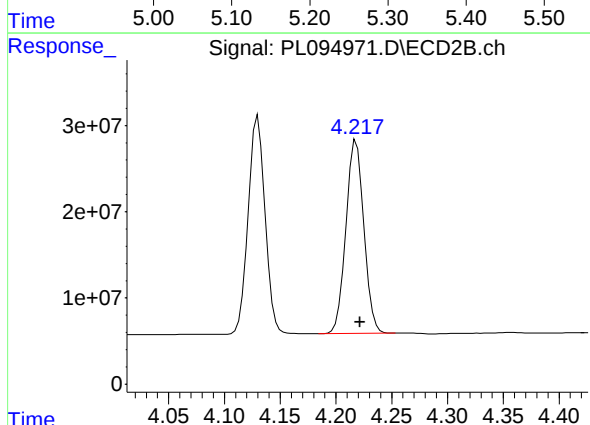
#5 Aldrin

R.T.: 5.255 min
Delta R.T.: -0.002 min
Response: 173665384
Conc: 47.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

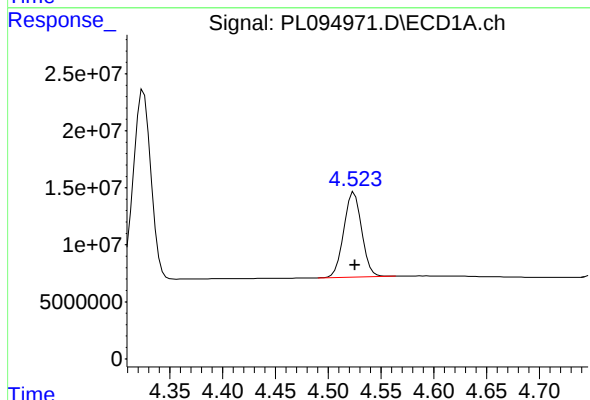
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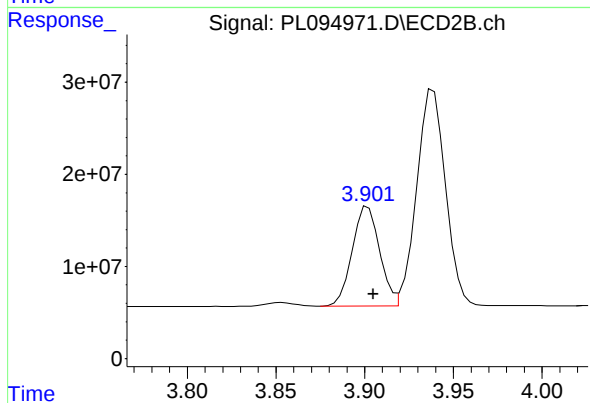
#5 Aldrin

R.T.: 4.218 min
Delta R.T.: -0.003 min
Response: 250796584
Conc: 51.43 ng/ml



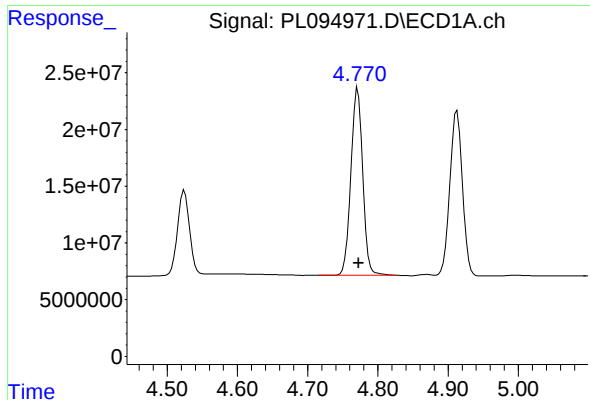
#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 87785142
Conc: 47.57 ng/ml



#6 beta-BHC

R.T.: 3.902 min
Delta R.T.: -0.003 min
Response: 116270826
Conc: 52.34 ng/ml



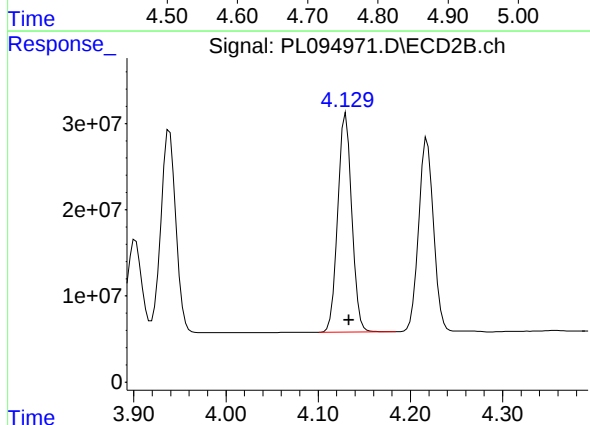
#7 delta-BHC

R.T.: 4.771 min
Delta R.T.: -0.001 min
Response: 193134395
Conc: 49.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

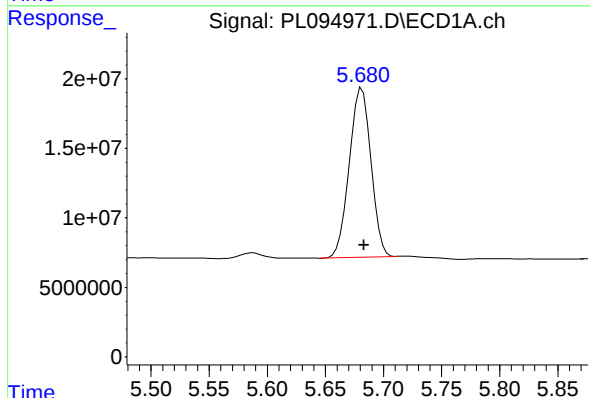
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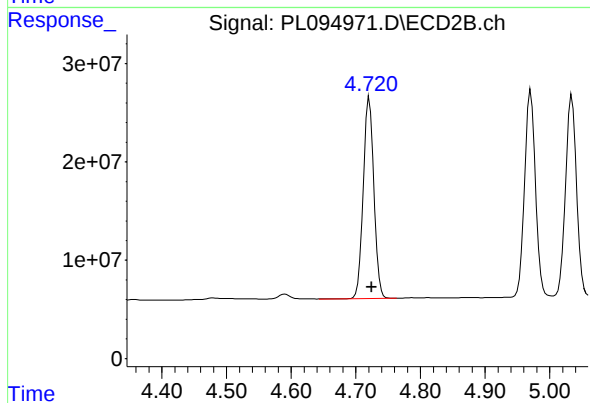
#7 delta-BHC

R.T.: 4.130 min
Delta R.T.: -0.003 min
Response: 267782672
Conc: 53.54 ng/ml



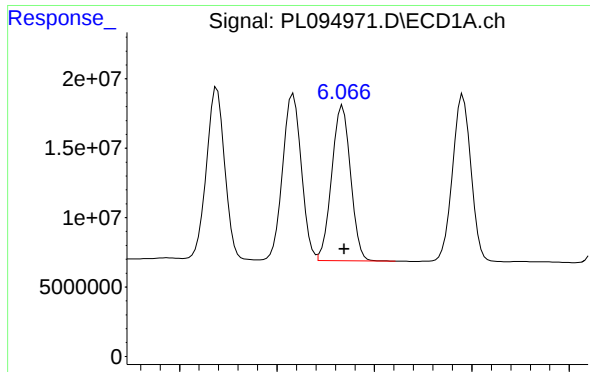
#8 Heptachlor epoxide

R.T.: 5.682 min
Delta R.T.: -0.002 min
Response: 157369412
Conc: 47.04 ng/ml



#8 Heptachlor epoxide

R.T.: 4.721 min
Delta R.T.: -0.004 min
Response: 233880082
Conc: 51.08 ng/ml



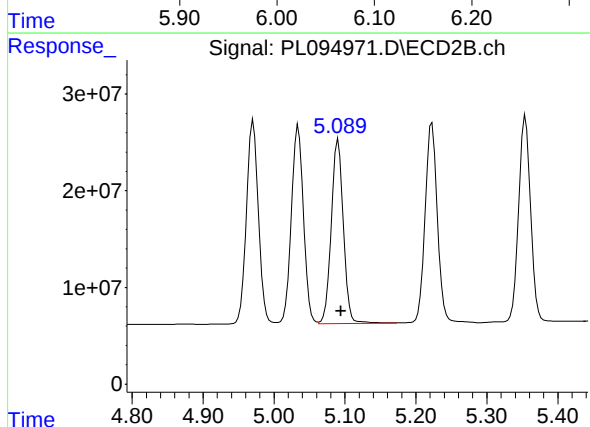
#9 Endosulfan I

R.T.: 6.067 min
Delta R.T.: -0.002 min
Response: 150072810
Conc: 48.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

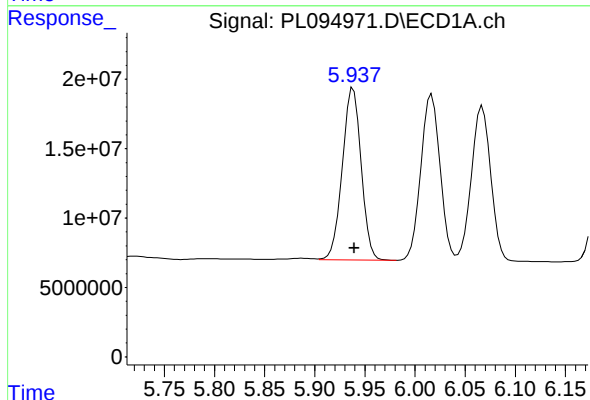
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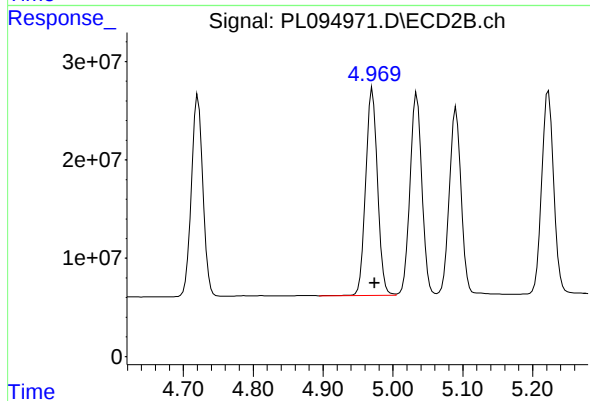
#9 Endosulfan I

R.T.: 5.091 min
Delta R.T.: -0.003 min
Response: 226631809
Conc: 51.64 ng/ml



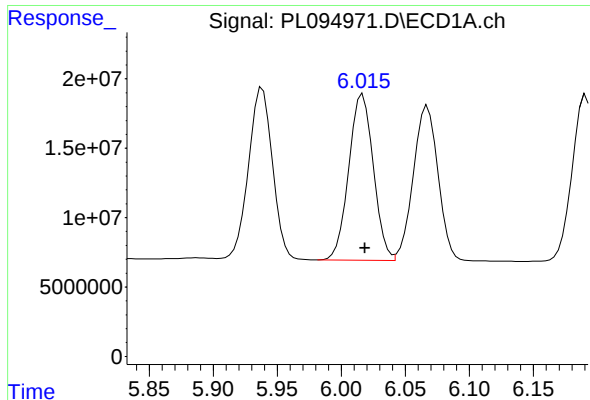
#10 gamma-Chlordane

R.T.: 5.938 min
Delta R.T.: -0.001 min
Response: 161994324
Conc: 48.08 ng/ml



#10 gamma-Chlordane

R.T.: 4.971 min
Delta R.T.: -0.003 min
Response: 248101638
Conc: 51.38 ng/ml



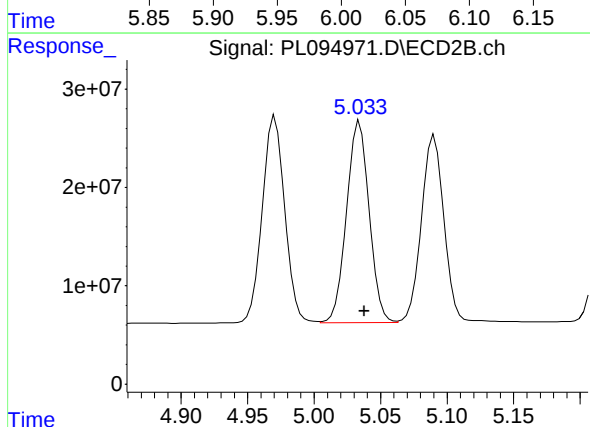
#11 alpha-Chlordane

R.T.: 6.017 min
Delta R.T.: -0.002 min
Response: 159861879
Conc: 48.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

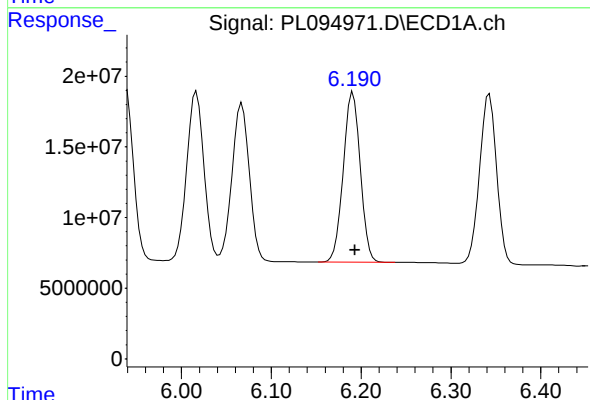
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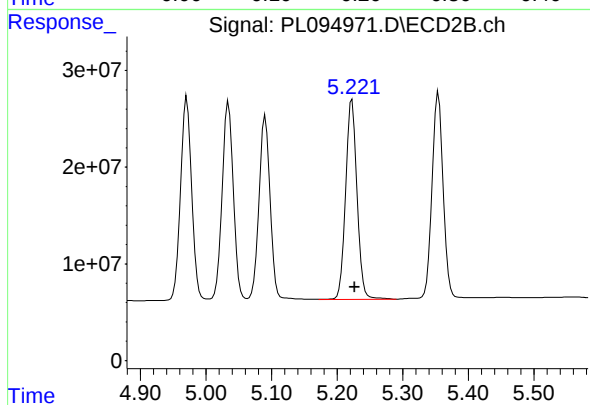
#11 alpha-Chlordane

R.T.: 5.034 min
Delta R.T.: -0.003 min
Response: 243573839
Conc: 51.03 ng/ml



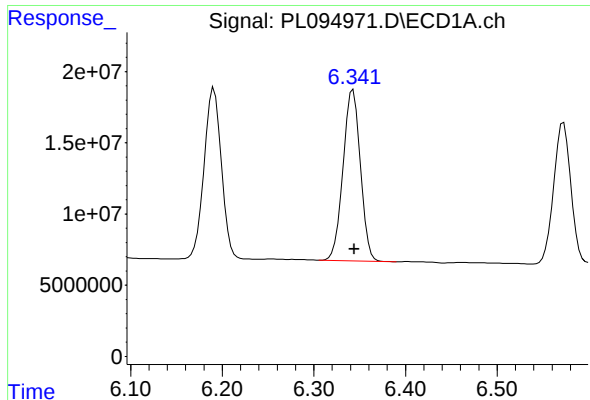
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: -0.002 min
Response: 158077295
Conc: 53.73 ng/ml



#12 4,4'-DDE

R.T.: 5.223 min
Delta R.T.: -0.004 min
Response: 250324484
Conc: 53.85 ng/ml



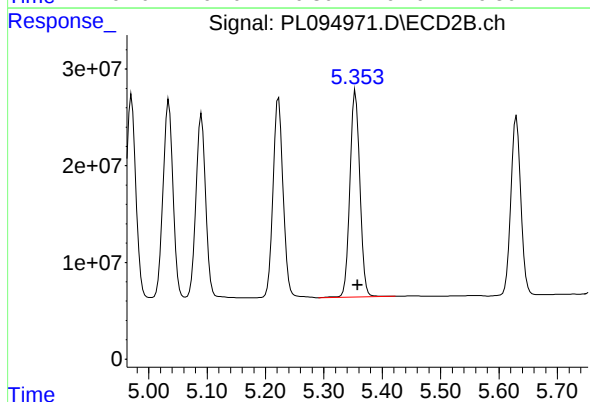
#13 Dieldrin

R.T.: 6.343 min
Delta R.T.: -0.001 min
Response: 158524278
Conc: 49.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

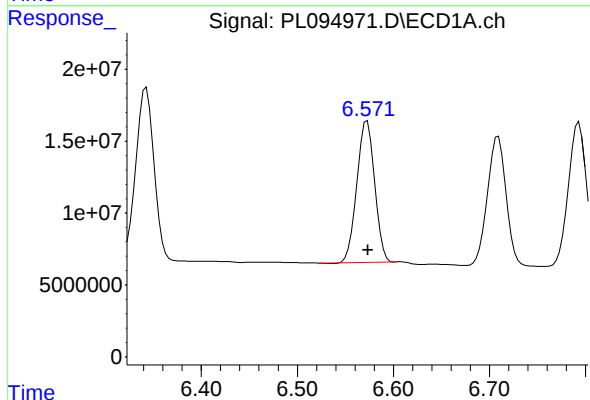
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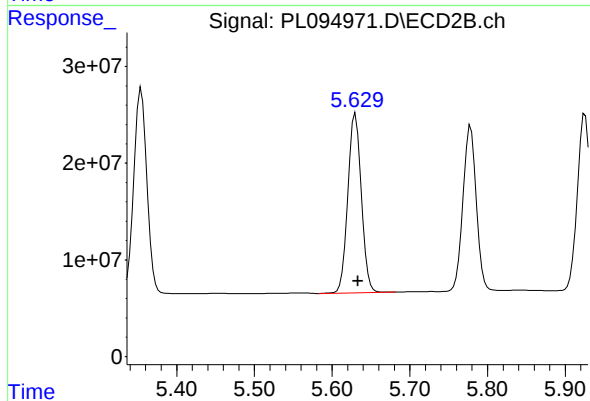
#13 Dieldrin

R.T.: 5.354 min
Delta R.T.: -0.004 min
Response: 251639030
Conc: 51.86 ng/ml



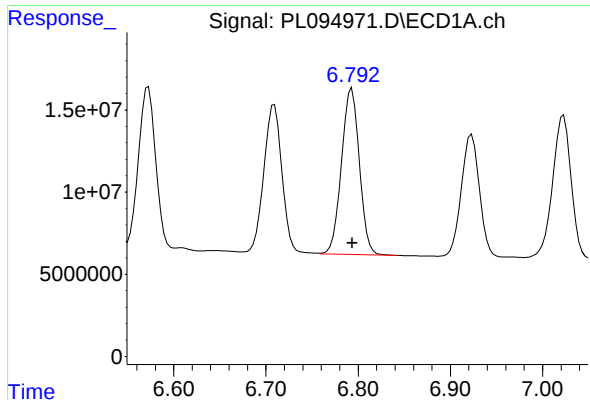
#14 Endrin

R.T.: 6.573 min
Delta R.T.: -0.001 min
Response: 126677154
Conc: 45.70 ng/ml



#14 Endrin

R.T.: 5.630 min
Delta R.T.: -0.003 min
Response: 222333598
Conc: 50.95 ng/ml



#15 Endosulfan II

R.T.: 6.793 min
Delta R.T.: 0.000 min
Response: 135582544
Conc: 49.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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#15 Endosulfan II

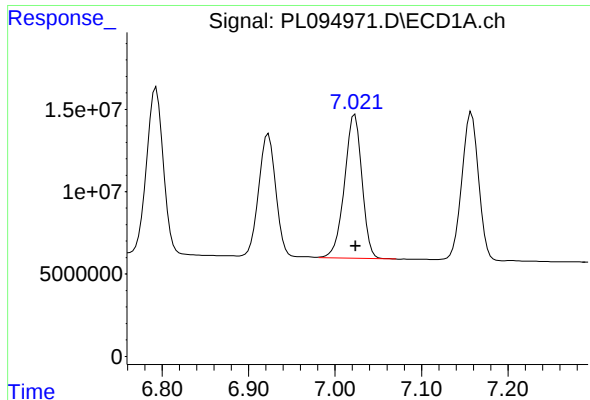
R.T.: 5.925 min
Delta R.T.: -0.003 min
Response: 223121854
Conc: 51.55 ng/ml

#16 4,4'-DDD

R.T.: 6.709 min
Delta R.T.: 0.000 min
Response: 122511226
Conc: 56.56 ng/ml

#16 4,4'-DDD

R.T.: 5.778 min
Delta R.T.: -0.004 min
Response: 202892557
Conc: 56.42 ng/ml



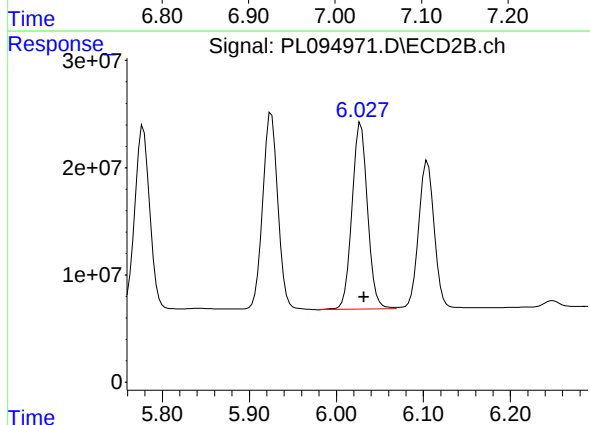
#17 4,4'-DDT

R.T.: 7.023 min
Delta R.T.: -0.001 min
Response: 121605136
Conc: 51.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

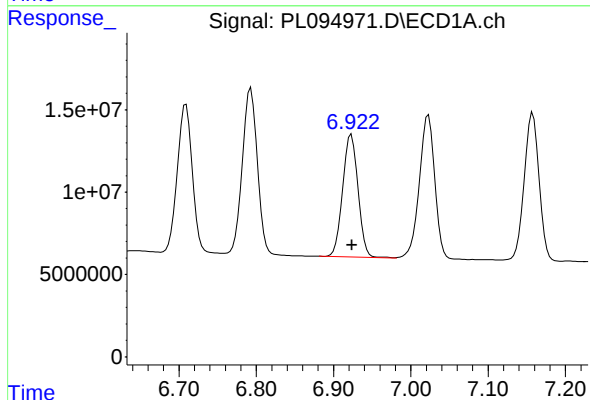
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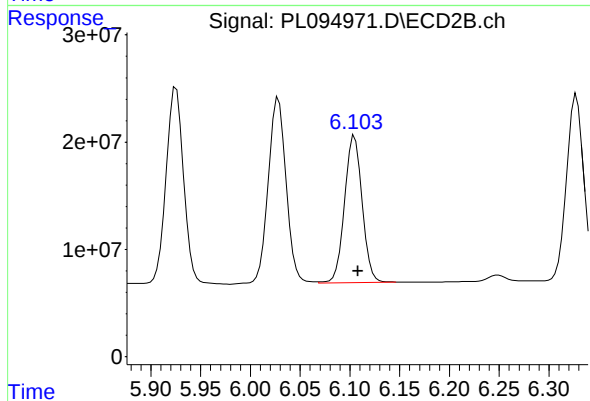
#17 4,4'-DDT

R.T.: 6.028 min
Delta R.T.: -0.003 min
Response: 217138980
Conc: 53.85 ng/ml



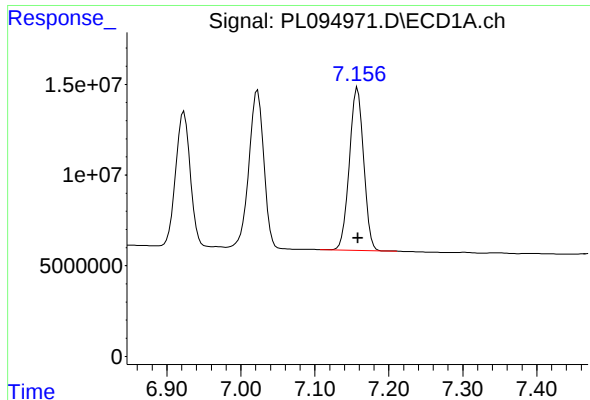
#18 Endrin aldehyde

R.T.: 6.923 min
Delta R.T.: 0.000 min
Response: 102021079
Conc: 48.33 ng/ml



#18 Endrin aldehyde

R.T.: 6.105 min
Delta R.T.: -0.003 min
Response: 168585507
Conc: 50.09 ng/ml



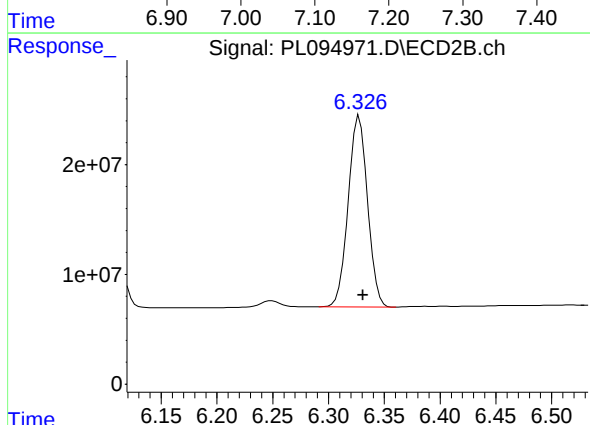
#19 Endosulfan Sulfate

R.T.: 7.158 min
Delta R.T.: 0.000 min
Response: 120009627
Conc: 49.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

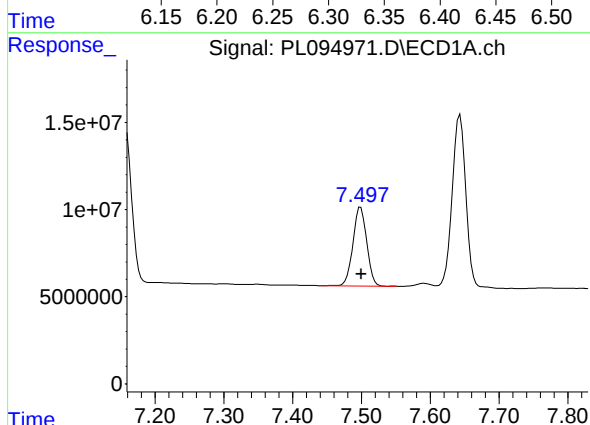
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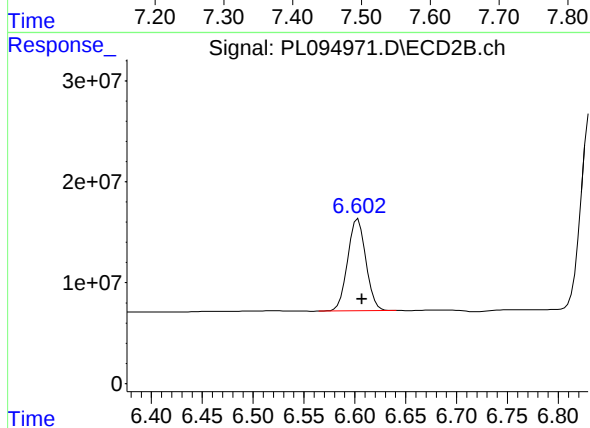
#19 Endosulfan Sulfate

R.T.: 6.328 min
Delta R.T.: -0.003 min
Response: 210360688
Conc: 51.64 ng/ml



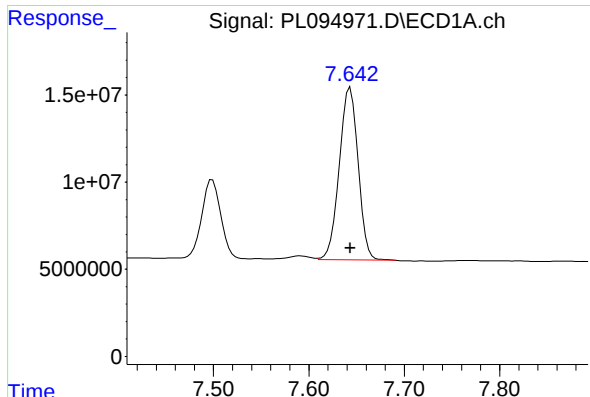
#20 Methoxychlor

R.T.: 7.499 min
Delta R.T.: 0.000 min
Response: 62887114
Conc: 52.53 ng/ml



#20 Methoxychlor

R.T.: 6.602 min
Delta R.T.: -0.005 min
Response: 113668129
Conc: 53.59 ng/ml m



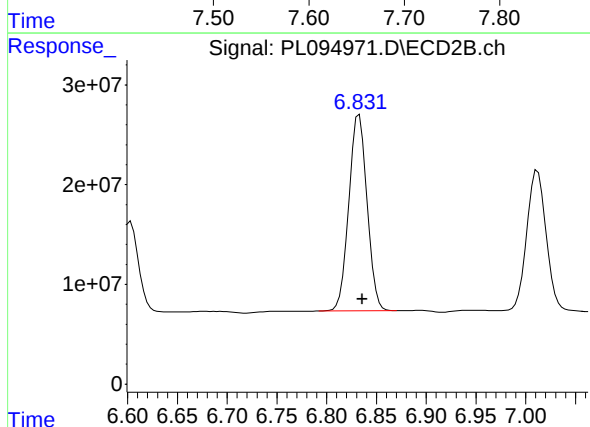
#21 Endrin ketone

R.T.: 7.643 min
Delta R.T.: 0.000 min
Response: 135537135
Conc: 51.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

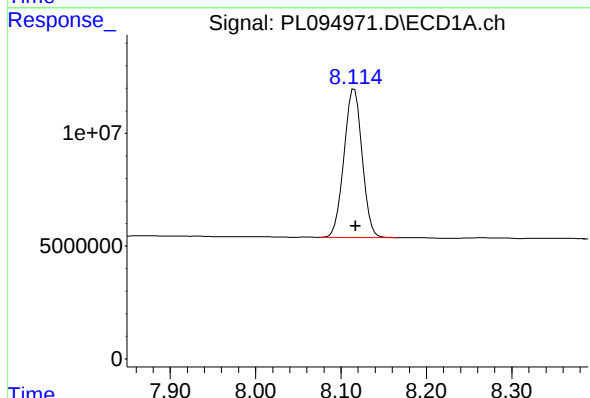
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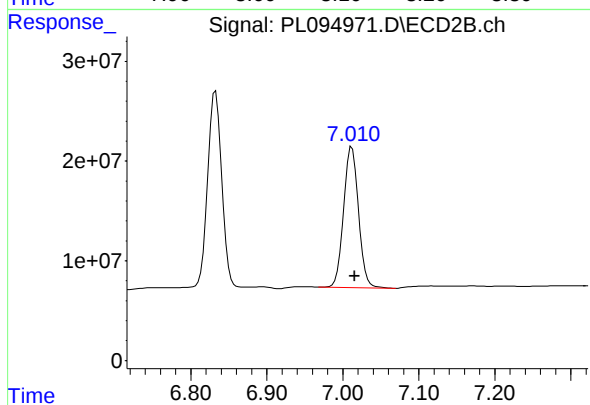
#21 Endrin ketone

R.T.: 6.831 min
Delta R.T.: -0.005 min
Response: 251001681
Conc: 52.59 ng/ml m



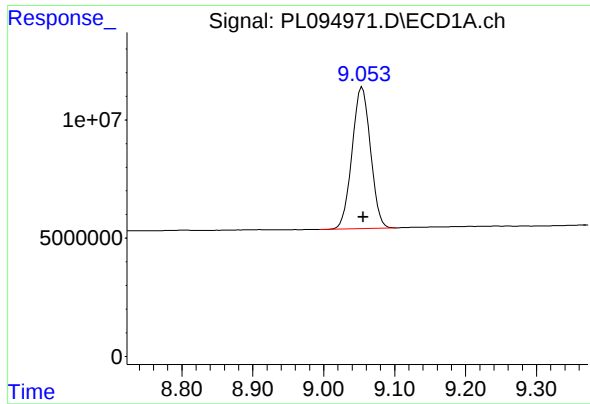
#22 Mirex

R.T.: 8.116 min
Delta R.T.: -0.001 min
Response: 97290738
Conc: 47.08 ng/ml



#22 Mirex

R.T.: 7.012 min
Delta R.T.: -0.004 min
Response: 192696878
Conc: 50.77 ng/ml



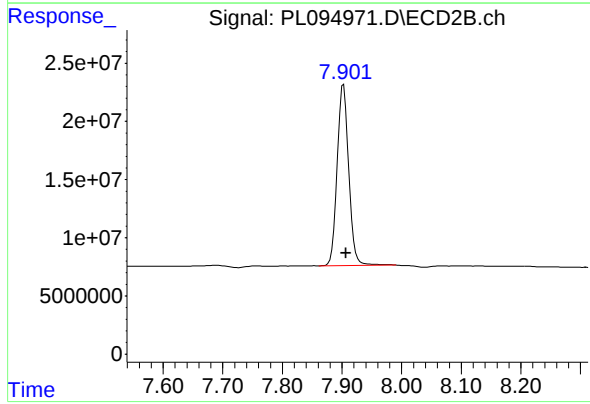
#28 Decachlorobiphenyl

R.T.: 9.054 min
Delta R.T.: -0.001 min
Response: 107539130
Conc: 51.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/01/2025
Supervised By :mohammad ahmed 04/07/2025



#28 Decachlorobiphenyl

R.T.: 7.903 min
Delta R.T.: -0.004 min
Response: 210146597
Conc: 52.02 ng/ml