

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040125\
 Data File : PL094996.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Apr 2025 18:30
 Operator : AR\AJ
 Sample : PB167419BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB167419BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/02/2025
 Supervised By : mohammad ahmed 04/03/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 02 01:26:56 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...	3.535	2.769	60016040	79770469	21.202	22.349
28)	SA Decachlor...	9.051	7.902	51767229	94221105	24.564	23.326
Target Compounds							
2)	A alpha-BHC	3.992	3.271	203.3E6	306.0E6	48.959	56.754
3)	MA gamma-BHC...	4.324	3.601	194.0E6	281.6E6	48.618	54.793
4)	MA Heptachlor	4.912	3.938	181.4E6	270.0E6	46.724	51.240
5)	MB Aldrin	5.254	4.218	177.0E6	258.7E6	47.925	53.059
6)	B beta-BHC	4.524	3.901	89251061	120.5E6	48.369	54.264
7)	B delta-BHC	4.771	4.128	202.5E6	271.0E6	51.994	54.171m
8)	B Heptachlo...	5.680	4.720	165.1E6	245.1E6	49.367	53.528
9)	A Endosulfan I	6.066	5.089	156.1E6	230.3E6	50.843	52.484
10)	B gamma-Chl...	5.937	4.969	168.6E6	257.7E6	50.031	53.368
11)	B alpha-Chl...	6.015	5.033	166.6E6	252.2E6	50.527	52.835
12)	B 4,4'-DDE	6.189	5.222	165.3E6	261.5E6	56.201	56.257
13)	MA Dieldrin	6.341	5.352	166.9E6	257.6E6	52.186	53.085m
14)	MA Endrin	6.569	5.629	129.1E6	217.3E6	46.579m	49.800
15)	B Endosulfa...	6.791	5.924	144.0E6	233.7E6	53.034	53.997
16)	A 4,4'-DDD	6.707	5.777	132.9E6	217.4E6	61.337	60.452
17)	MA 4,4'-DDT	7.021	6.027	123.8E6	209.8E6	52.051	52.033
18)	B Endrin al...	6.921	6.103	112.5E6	183.1E6	53.306	54.403
19)	B Endosulfa...	7.156	6.326	128.5E6	225.3E6	52.819	55.313
20)	A Methoxychlor	7.497	6.602	62668874	110.7E6	52.352	52.209
21)	B Endrin ke...	7.641	6.830	149.5E6	277.6E6	56.547	58.167m
22)	Mirex	8.113	7.009	104.9E6	201.5E6	50.764	53.104m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040125\
Data File : PL094996.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Apr 2025 18:30
Operator : AR\AJ
Sample : PB167419BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

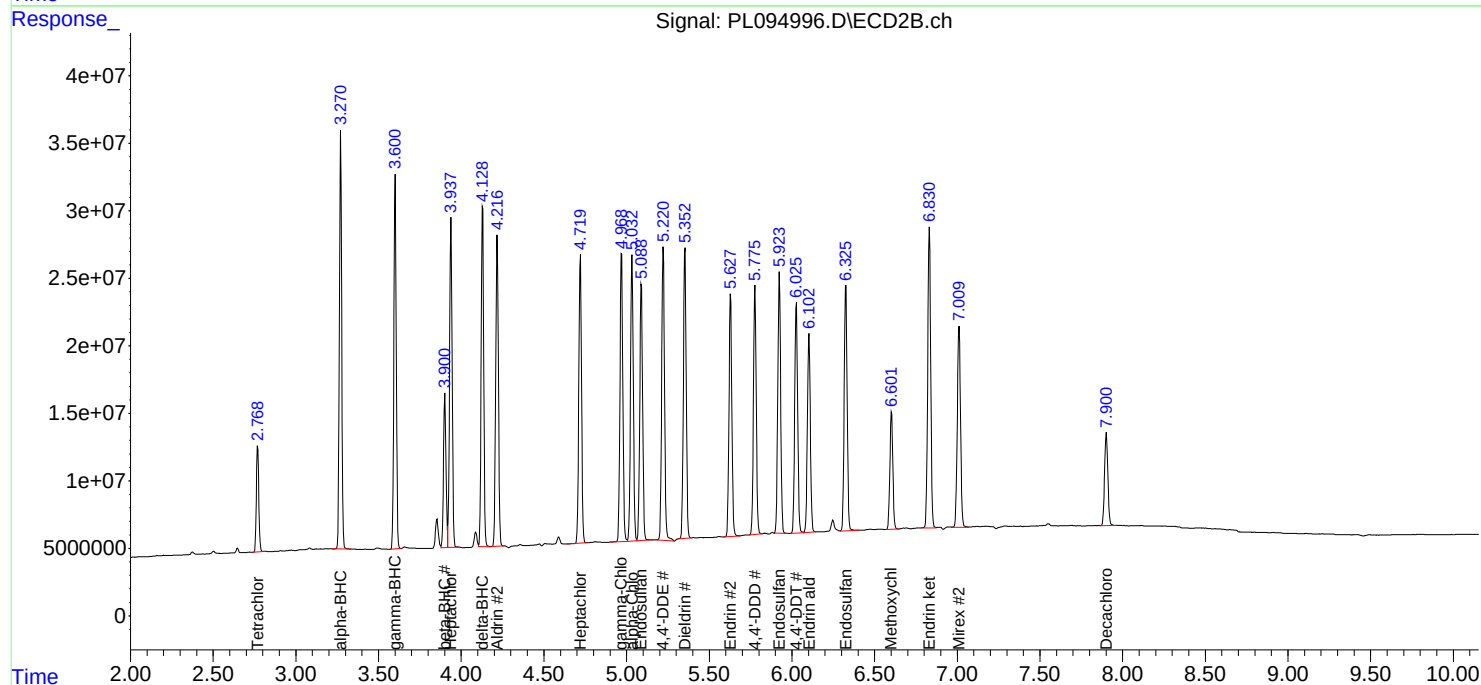
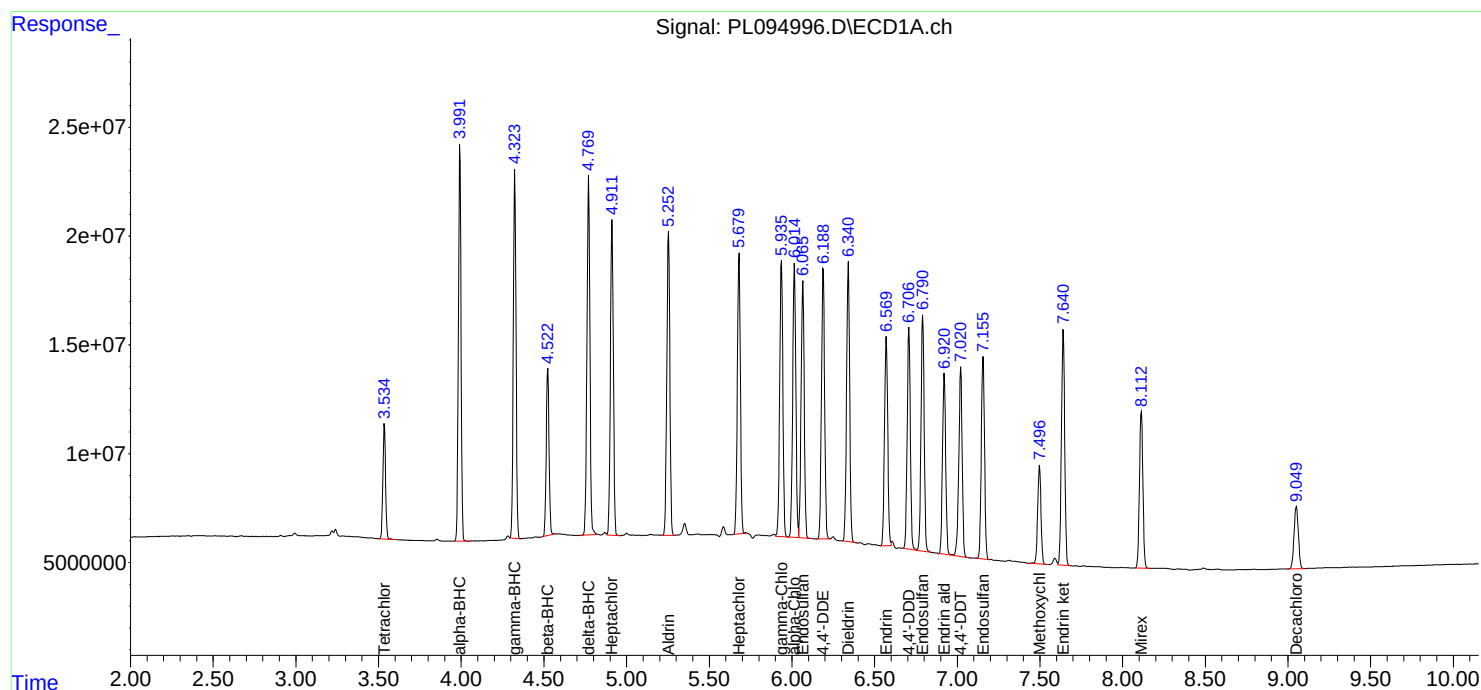
Instrument :
ECD_L
ClientSampleId :
PB167419BS

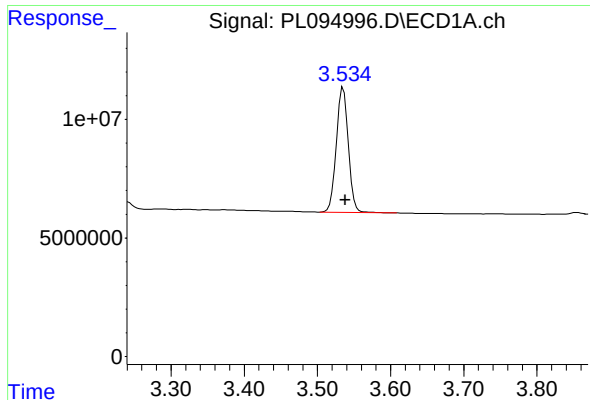
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/02/2025
Supervised By :mohammad ahmed 04/03/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 02 01:26:56 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.: 3.535 min
Delta R.T.: -0.003 min
Response: 60016040
Conc: 21.20 ng/ml

Instrument :

ECD_L

ClientSampleId :

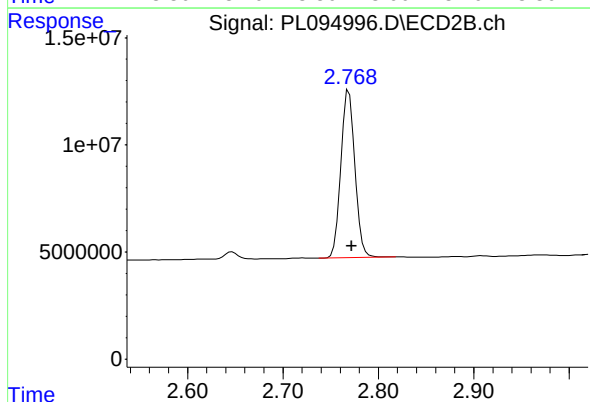
PB167419BS

Manual Integrations

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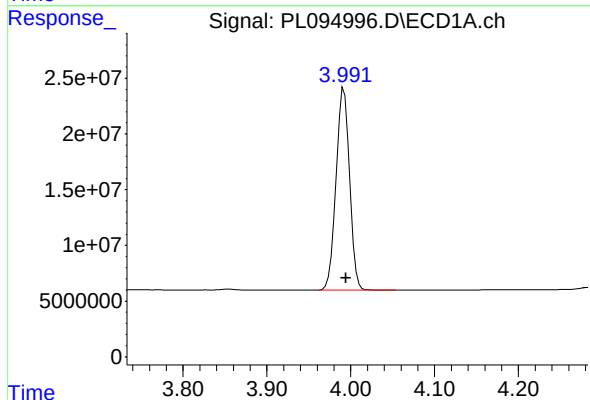
Reviewed By :Abdul Mirza 04/02/2025

Supervised By :mohammad ahmed 04/03/2025



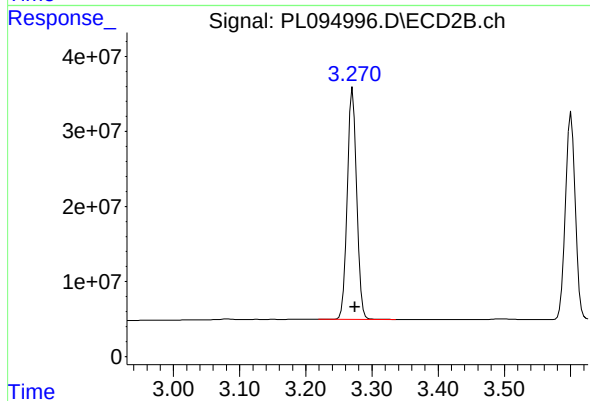
#1 Tetrachloro-m-xylene

R.T.: 2.769 min
Delta R.T.: -0.003 min
Response: 79770469
Conc: 22.35 ng/ml



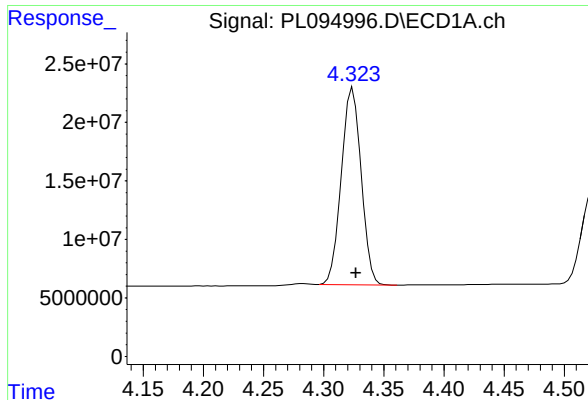
#2 alpha-BHC

R.T.: 3.992 min
Delta R.T.: -0.002 min
Response: 203295230
Conc: 48.96 ng/ml



#2 alpha-BHC

R.T.: 3.271 min
Delta R.T.: -0.003 min
Response: 305982365
Conc: 56.75 ng/ml



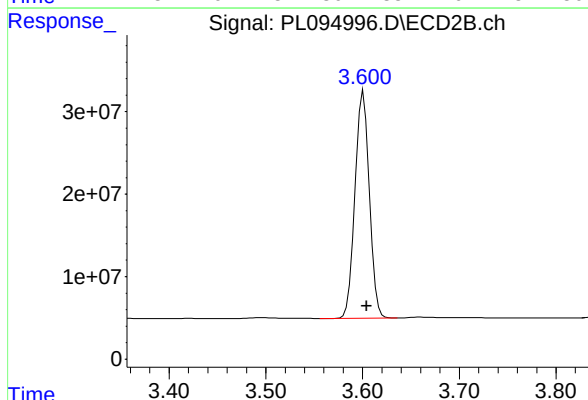
#3 gamma-BHC (Lindane)

R.T.: 4.324 min
Delta R.T.: -0.003 min
Response: 194000150
Conc: 48.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167419BS

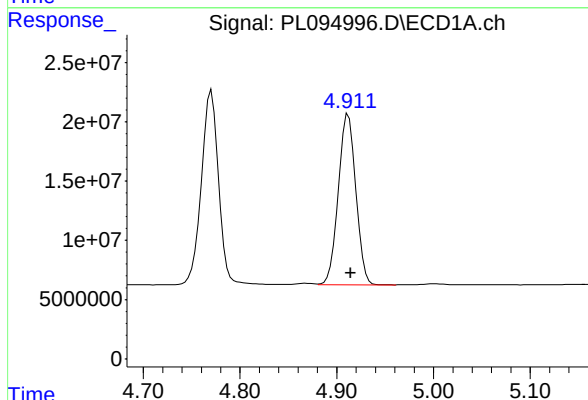
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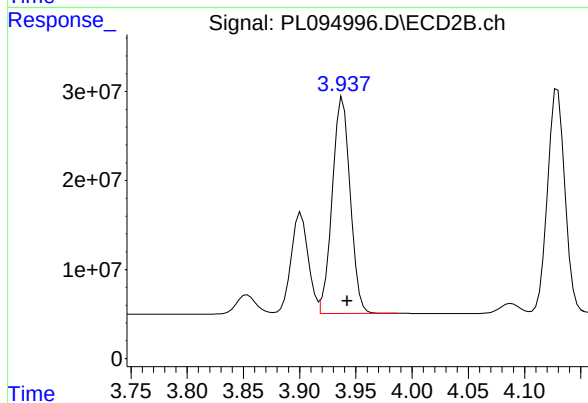
#3 gamma-BHC (Lindane)

R.T.: 3.601 min
Delta R.T.: -0.003 min
Response: 281605456
Conc: 54.79 ng/ml



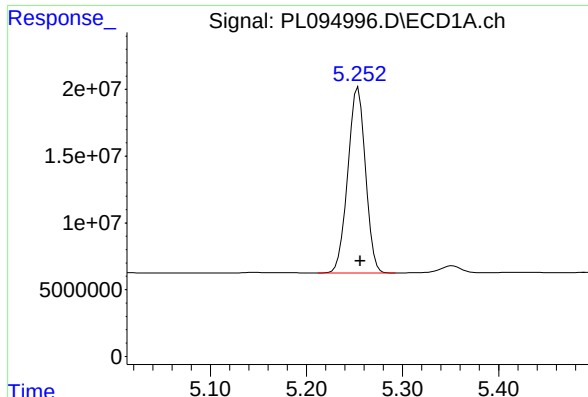
#4 Heptachlor

R.T.: 4.912 min
Delta R.T.: -0.002 min
Response: 181365837
Conc: 46.72 ng/ml



#4 Heptachlor

R.T.: 3.938 min
Delta R.T.: -0.004 min
Response: 269966513
Conc: 51.24 ng/ml



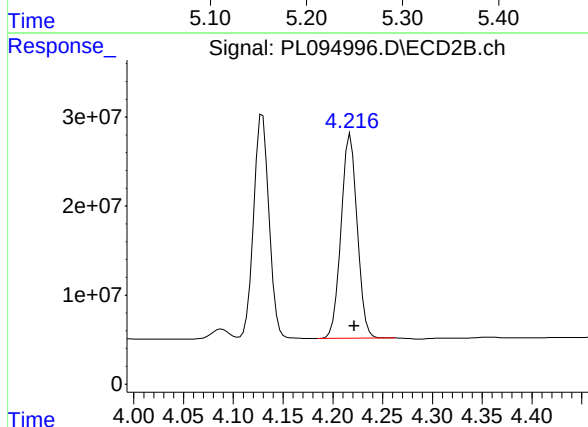
#5 Aldrin

R.T.: 5.254 min
Delta R.T.: -0.003 min
Response: 176950010
Conc: 47.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167419BS

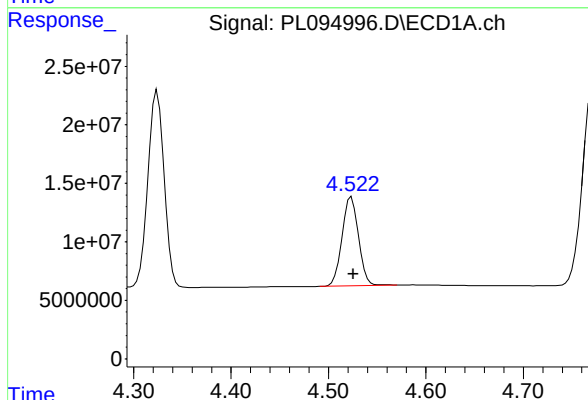
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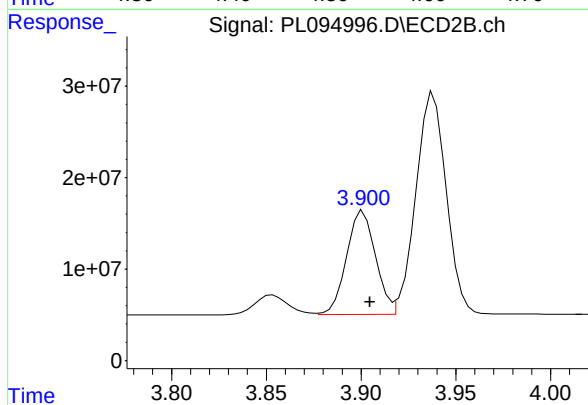
#5 Aldrin

R.T.: 4.218 min
Delta R.T.: -0.004 min
Response: 258735546
Conc: 53.06 ng/ml



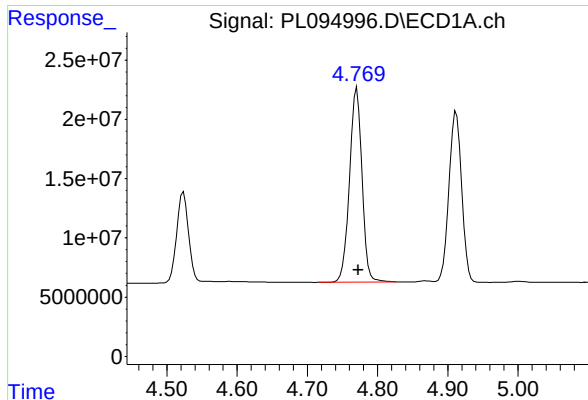
#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: -0.002 min
Response: 89251061
Conc: 48.37 ng/ml



#6 beta-BHC

R.T.: 3.901 min
Delta R.T.: -0.004 min
Response: 120537377
Conc: 54.26 ng/ml



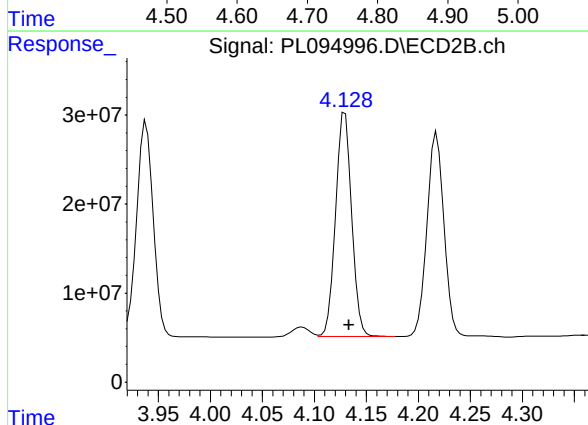
#7 delta-BHC

R.T.: 4.771 min
Delta R.T.: -0.002 min
Response: 202480068
Conc: 51.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167419BS

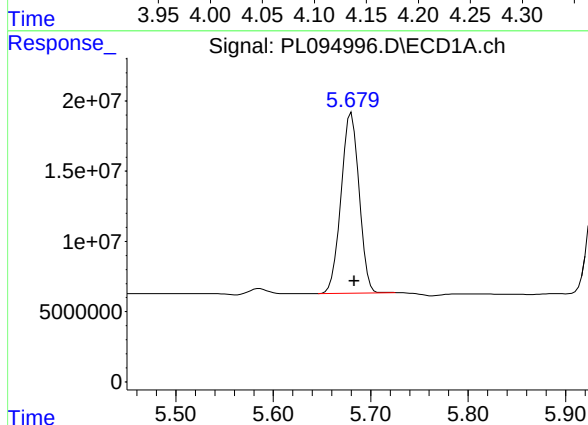
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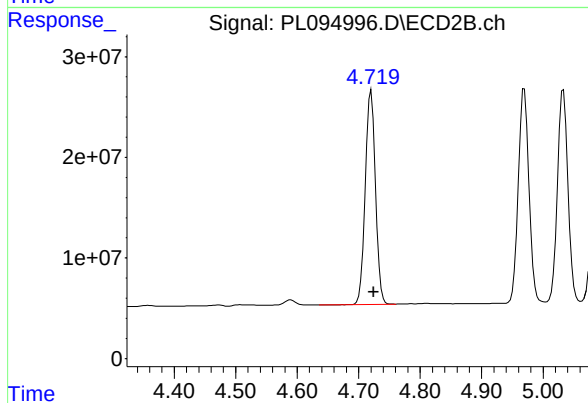
#7 delta-BHC

R.T.: 4.128 min
Delta R.T.: -0.005 min
Response: 270963665
Conc: 54.17 ng/ml



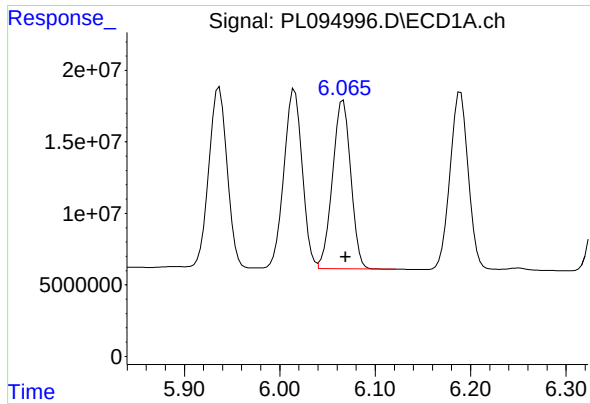
#8 Heptachlor epoxide

R.T.: 5.680 min
Delta R.T.: -0.003 min
Response: 165141764
Conc: 49.37 ng/ml



#8 Heptachlor epoxide

R.T.: 4.720 min
Delta R.T.: -0.004 min
Response: 245080565
Conc: 53.53 ng/ml



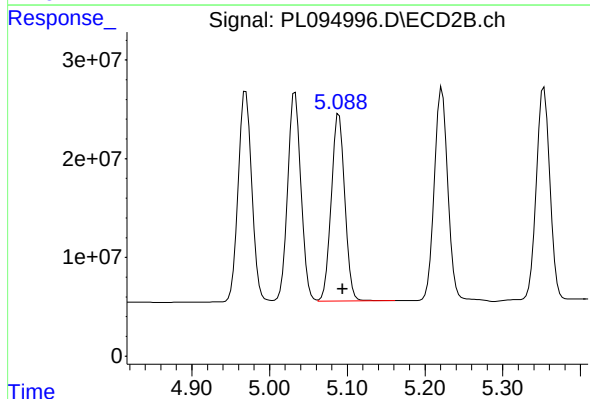
#9 Endosulfan I

R.T.: 6.066 min
Delta R.T.: -0.003 min
Response: 156098515
Conc: 50.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167419BS

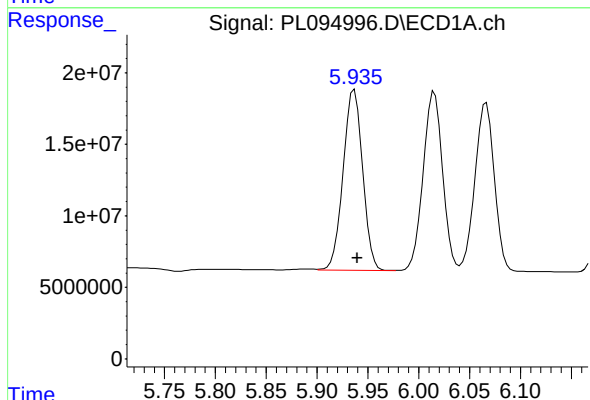
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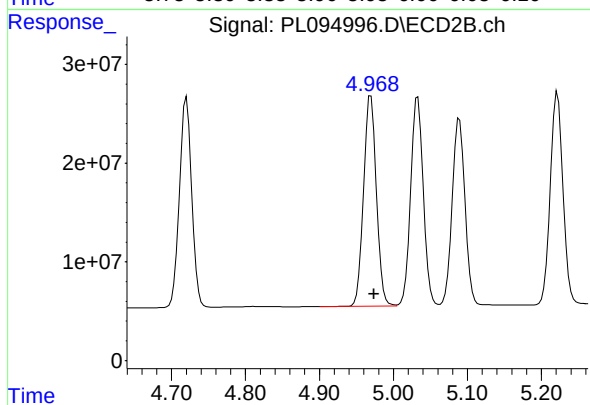
#9 Endosulfan I

R.T.: 5.089 min
Delta R.T.: -0.005 min
Response: 230340297
Conc: 52.48 ng/ml



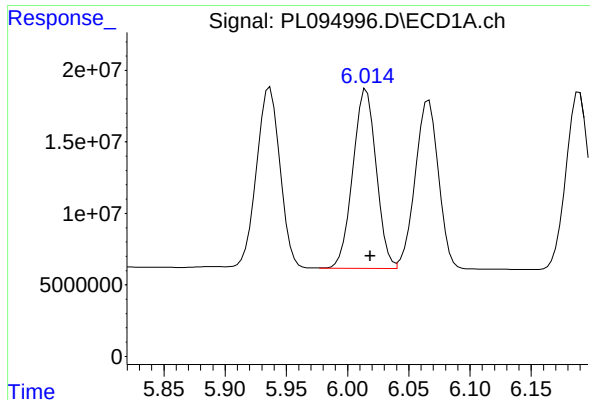
#10 gamma-Chlordane

R.T.: 5.937 min
Delta R.T.: -0.003 min
Response: 168574125
Conc: 50.03 ng/ml



#10 gamma-Chlordane

R.T.: 4.969 min
Delta R.T.: -0.004 min
Response: 257682822
Conc: 53.37 ng/ml



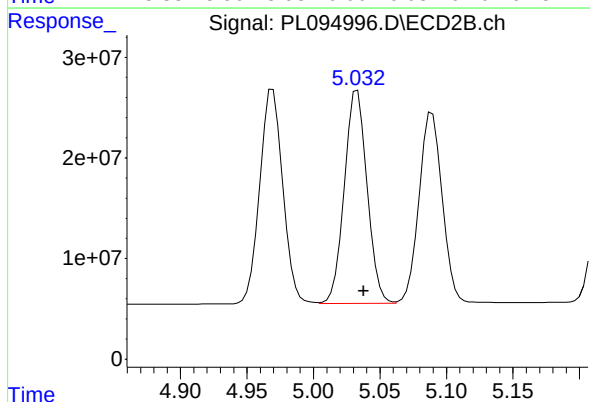
#11 alpha-Chlordane

R.T.: 6.015 min
Delta R.T.: -0.003 min
Response: 166579773
Conc: 50.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167419BS

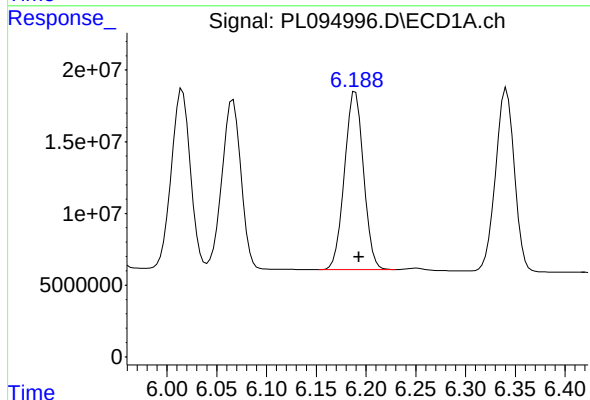
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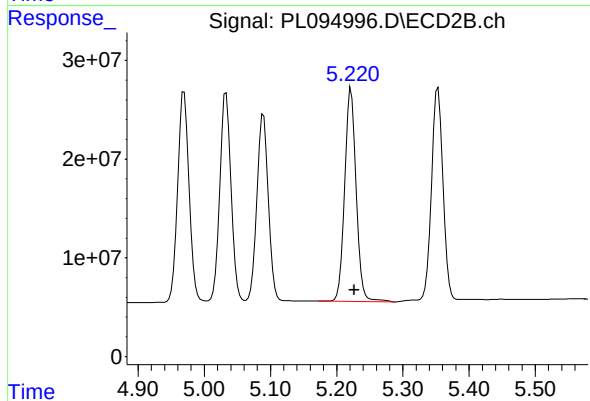
#11 alpha-Chlordane

R.T.: 5.033 min
Delta R.T.: -0.005 min
Response: 252168360
Conc: 52.83 ng/ml



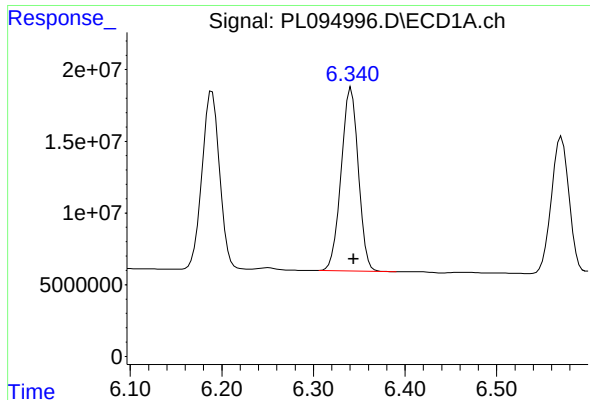
#12 4,4'-DDE

R.T.: 6.189 min
Delta R.T.: -0.004 min
Response: 165345638
Conc: 56.20 ng/ml



#12 4,4'-DDE

R.T.: 5.222 min
Delta R.T.: -0.005 min
Response: 261513382
Conc: 56.26 ng/ml



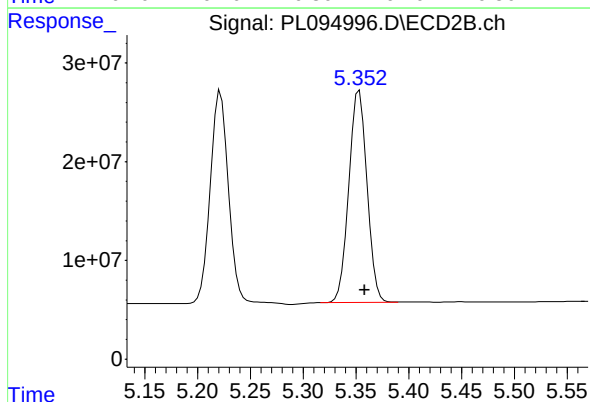
#13 Dieldrin

R.T.: 6.341 min
Delta R.T.: -0.003 min
Response: 166898300
Conc: 52.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167419BS

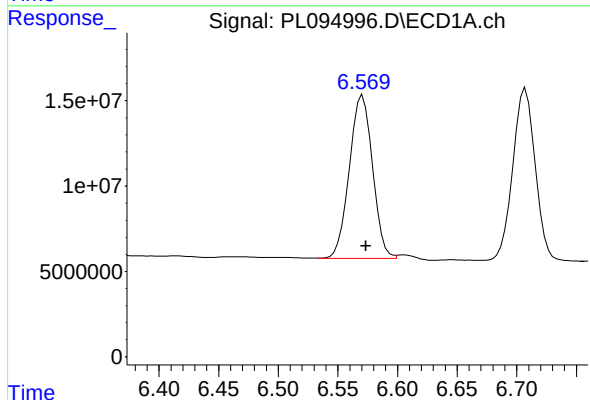
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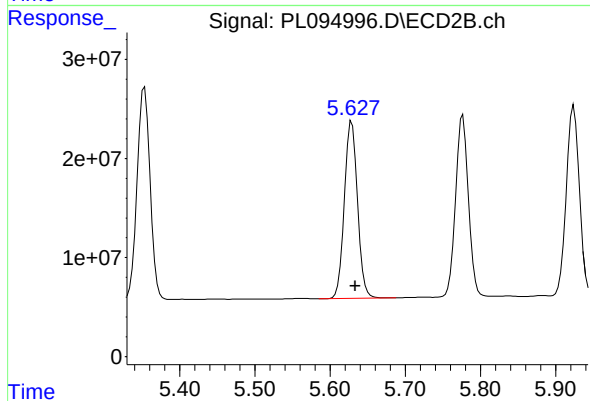
#13 Dieldrin

R.T.: 5.352 min
Delta R.T.: -0.006 min
Response: 257557740
Conc: 53.08 ng/ml



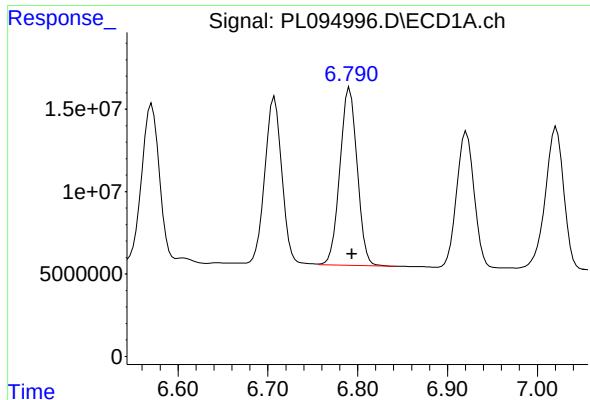
#14 Endrin

R.T.: 6.569 min
Delta R.T.: -0.004 min
Response: 129119699
Conc: 46.58 ng/ml



#14 Endrin

R.T.: 5.629 min
Delta R.T.: -0.005 min
Response: 217308660
Conc: 49.80 ng/ml



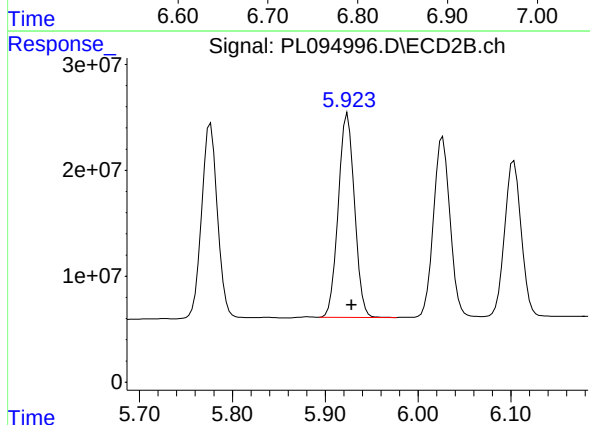
#15 Endosulfan II

R.T.: 6.791 min
Delta R.T.: -0.003 min
Response: 143973384
Conc: 53.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167419BS

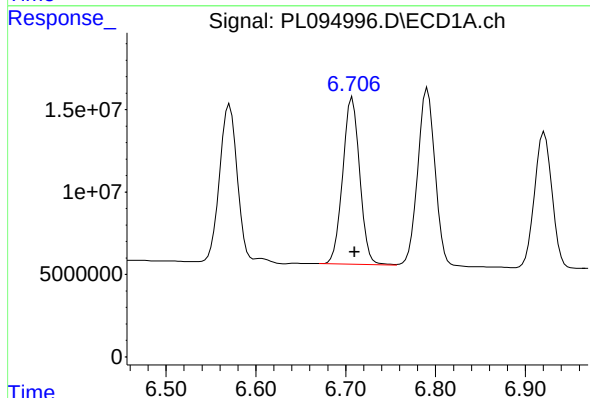
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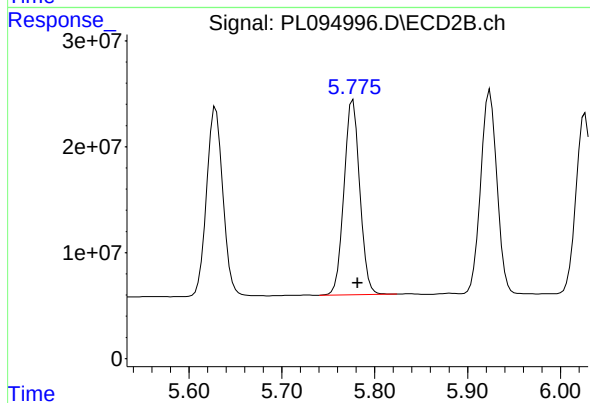
#15 Endosulfan II

R.T.: 5.924 min
Delta R.T.: -0.004 min
Response: 233712755
Conc: 54.00 ng/ml



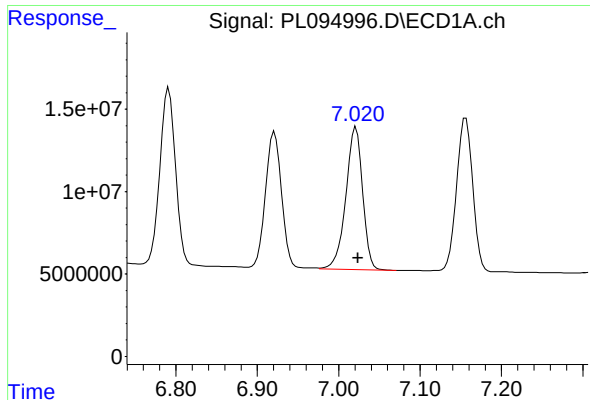
#16 4,4'-DDD

R.T.: 6.707 min
Delta R.T.: -0.002 min
Response: 132860717
Conc: 61.34 ng/ml



#16 4,4'-DDD

R.T.: 5.777 min
Delta R.T.: -0.005 min
Response: 217380597
Conc: 60.45 ng/ml



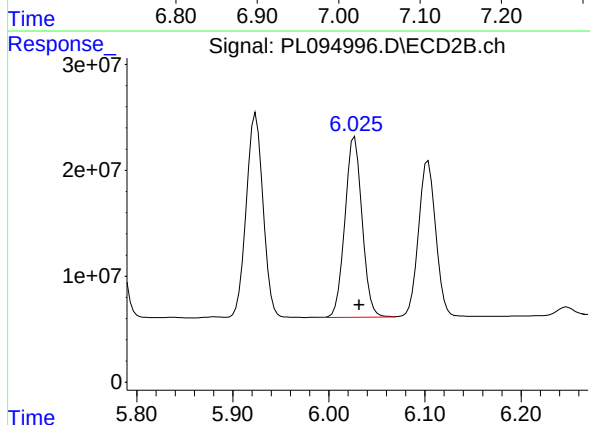
#17 4,4'-DDT

R.T.: 7.021 min
Delta R.T.: -0.003 min
Response: 123806298
Conc: 52.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167419BS

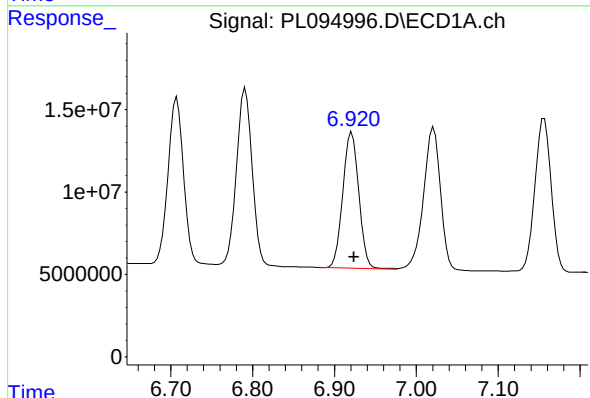
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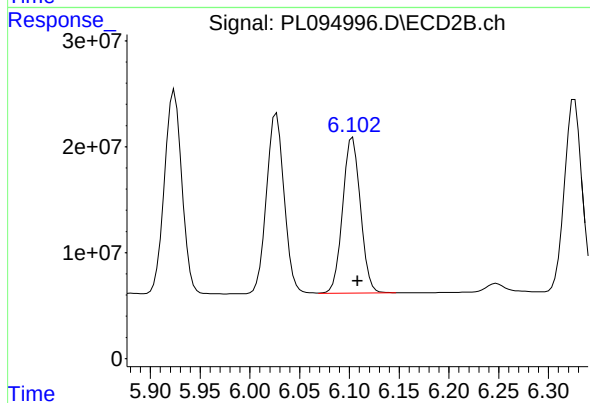
#17 4,4'-DDT

R.T.: 6.027 min
Delta R.T.: -0.005 min
Response: 209802547
Conc: 52.03 ng/ml



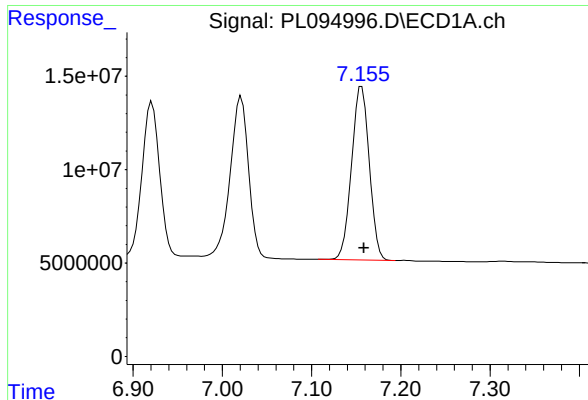
#18 Endrin aldehyde

R.T.: 6.921 min
Delta R.T.: -0.003 min
Response: 112528108
Conc: 53.31 ng/ml



#18 Endrin aldehyde

R.T.: 6.103 min
Delta R.T.: -0.005 min
Response: 183086407
Conc: 54.40 ng/ml



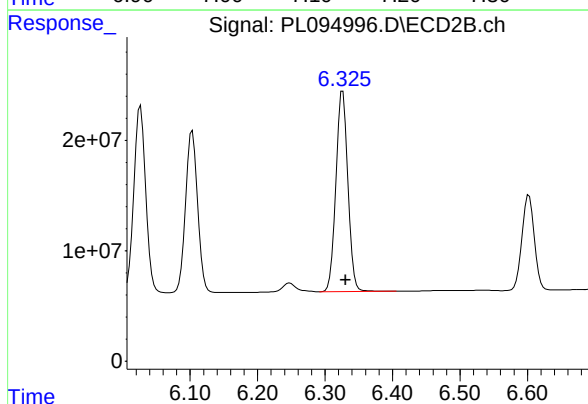
#19 Endosulfan Sulfate

R.T.: 7.156 min
Delta R.T.: -0.002 min
Response: 128456285
Conc: 52.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167419BS

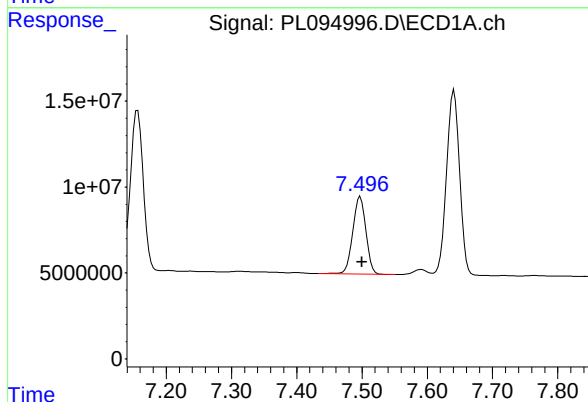
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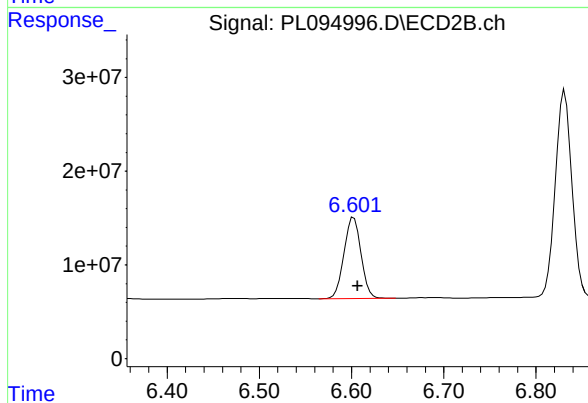
#19 Endosulfan Sulfate

R.T.: 6.326 min
Delta R.T.: -0.005 min
Response: 225312046
Conc: 55.31 ng/ml



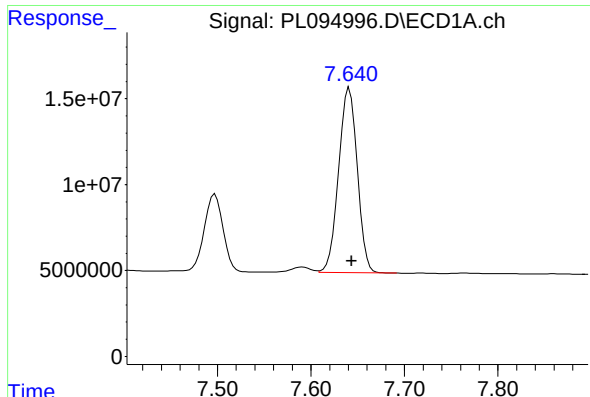
#20 Methoxychlor

R.T.: 7.497 min
Delta R.T.: -0.002 min
Response: 62668874
Conc: 52.35 ng/ml



#20 Methoxychlor

R.T.: 6.602 min
Delta R.T.: -0.005 min
Response: 110739613
Conc: 52.21 ng/ml



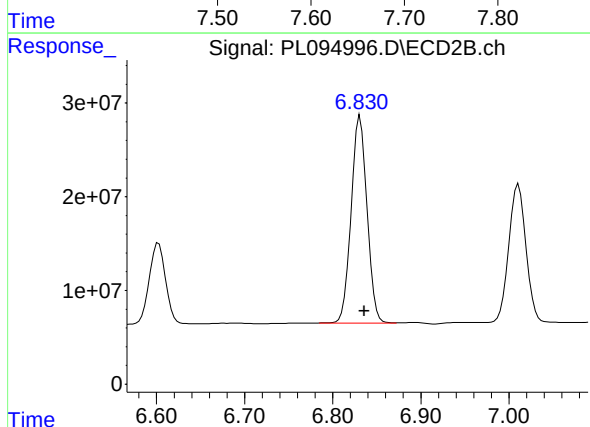
#21 Endrin ketone

R.T.: 7.641 min
Delta R.T.: -0.003 min
Response: 149469422
Conc: 56.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167419BS

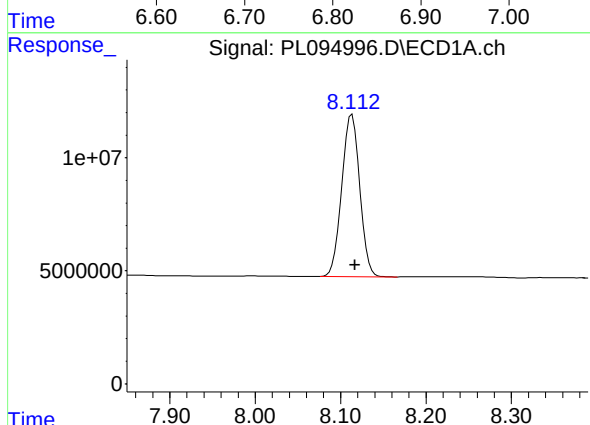
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Reviewed By :Abdul Mirza 04/02/2025
Supervised By :mohammad ahmed 04/03/2025



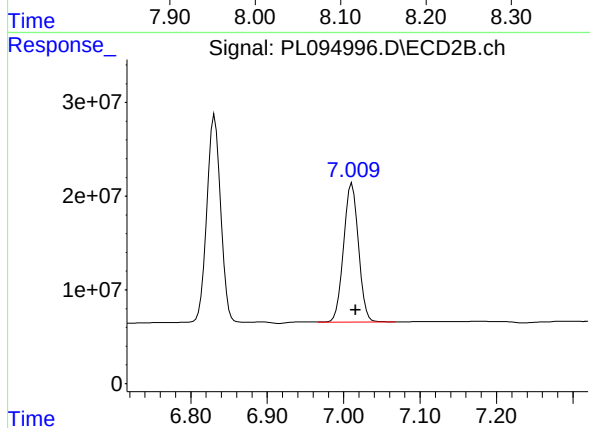
#21 Endrin ketone

R.T.: 6.830 min
Delta R.T.: -0.006 min
Response: 277608637
Conc: 58.17 ng/ml m



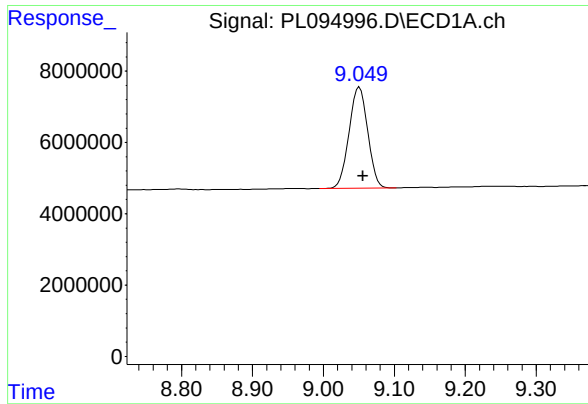
#22 Mirex

R.T.: 8.113 min
Delta R.T.: -0.004 min
Response: 104893566
Conc: 50.76 ng/ml



#22 Mirex

R.T.: 7.009 min
Delta R.T.: -0.006 min
Response: 201547271
Conc: 53.10 ng/ml m



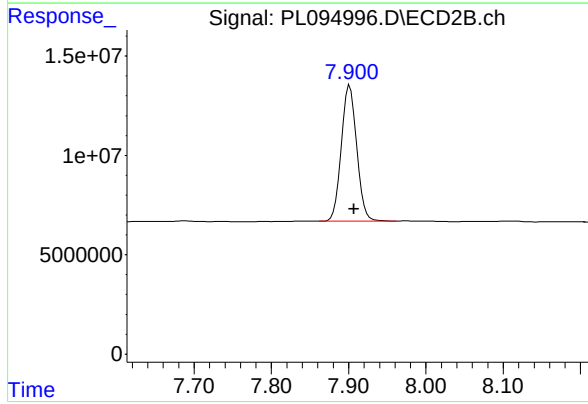
#28 Decachlorobiphenyl

R.T.: 9.051 min
Delta R.T.: -0.005 min
Response: 51767229
Conc: 24.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167419BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/02/2025
Supervised By :mohammad ahmed 04/03/2025



#28 Decachlorobiphenyl

R.T.: 7.902 min
Delta R.T.: -0.005 min
Response: 94221105
Conc: 23.33 ng/ml