

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032725\
 Data File : PL094921.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Mar 2025 19:58
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/28/2025
 Supervised By : mohammad ahmed 03/31/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 28 02:00:34 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	130.4E6	188.3E6	46.075	52.754
28)	SA Decachlor...	9.050	7.901	104.2E6	198.8E6	49.425	49.215
Target Compounds							
2)	A alpha-BHC	3.992	3.271	191.7E6	285.7E6	46.177	52.983
3)	MA gamma-BHC...	4.324	3.601	183.4E6	268.3E6	45.960	52.214
4)	MA Heptachlor	4.912	3.938	167.9E6	258.1E6	43.244	48.989
5)	MB Aldrin	5.253	4.218	163.1E6	248.7E6	44.173	51.003
6)	B beta-BHC	4.524	3.901	84073131	117.4E6	45.563	52.847
7)	B delta-BHC	4.770	4.130	185.2E6	268.9E6	47.552	53.754
8)	B Heptachlo...	5.680	4.720	147.6E6	231.0E6	44.126	50.446
9)	A Endosulfan I	6.065	5.087	139.6E6	189.8E6	45.463	43.251m
10)	B gamma-Chl...	5.937	4.970	151.5E6	256.5E6	44.957	53.133
11)	B alpha-Chl...	6.015	5.032	148.9E6	240.5E6	45.177	50.382m
12)	B 4,4'-DDE	6.189	5.220	146.6E6	243.8E6	49.839	52.442m
13)	MA Dieldrin	6.341	5.352	146.6E6	242.4E6	45.835	49.955m
14)	MA Endrin	6.570	5.629	118.4E6	220.2E6	42.696m	50.463
15)	B Endosulfa...	6.791	5.924	125.1E6	217.7E6	46.072	50.292
16)	A 4,4'-DDD	6.706	5.777	114.6E6	201.7E6	52.910	56.083
17)	MA 4,4'-DDT	7.020	6.026	106.1E6	196.8E6	44.623	48.808
18)	B Endrin al...	6.921	6.103	93325359	161.9E6	44.209	48.103
19)	B Endosulfa...	7.155	6.326	112.5E6	208.1E6	46.278	51.075
20)	A Methoxychlor	7.497	6.601	55263478	104.7E6	46.166	49.344
21)	B Endrin ke...	7.640	6.830	125.7E6	237.8E6	47.558	49.816m
22)	Mirex	8.112	7.011	90414973	194.1E6	43.757	51.135

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032725\
Data File : PL094921.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2025 19:58
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

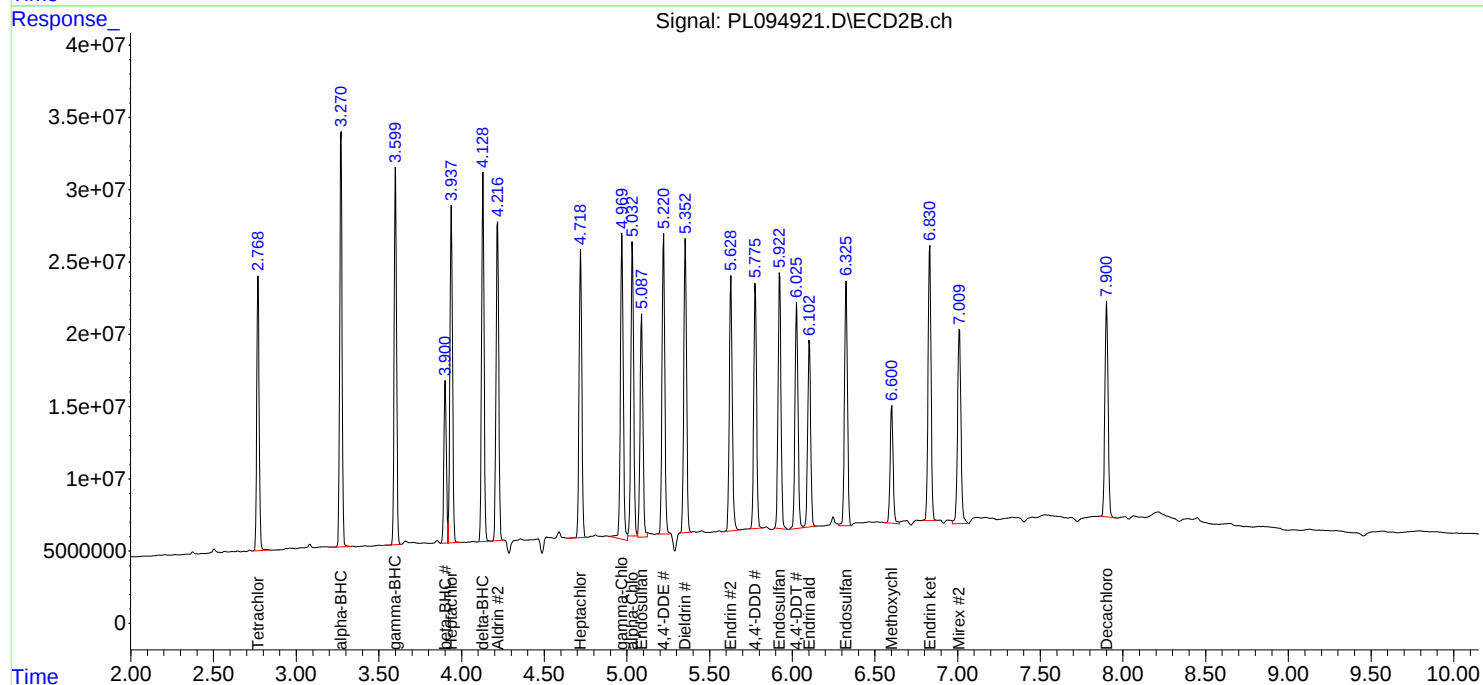
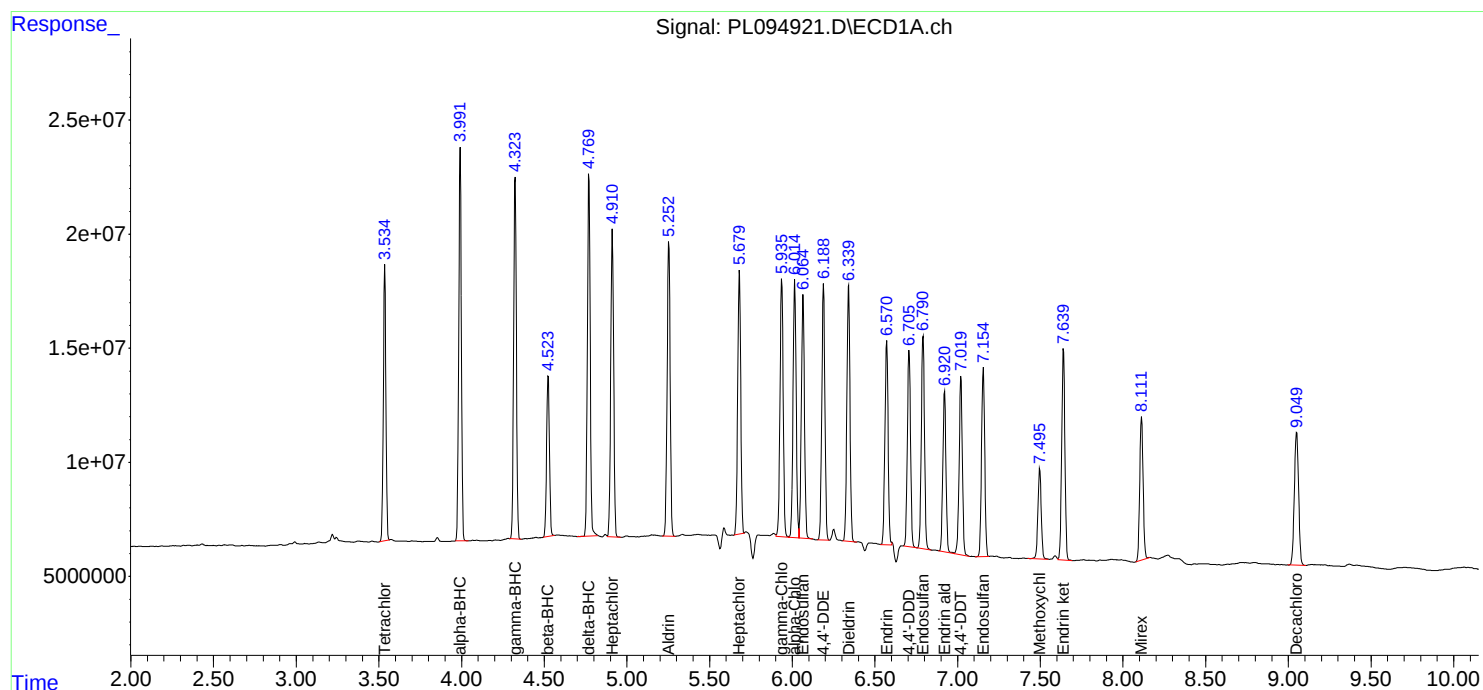
APPROVED

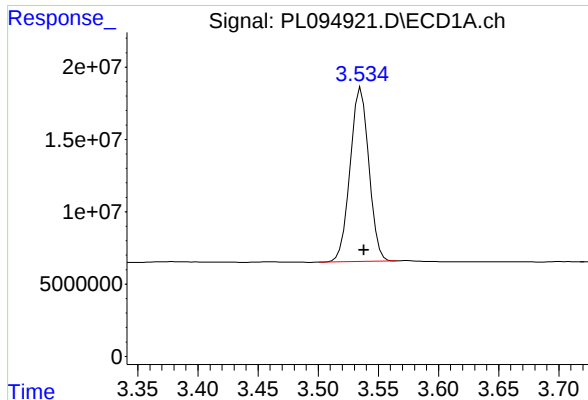
Reviewed By :Abdul Mirza 03/28/2025

Supervised By :mohammad ahmed 03/31/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 28 02:00:34 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





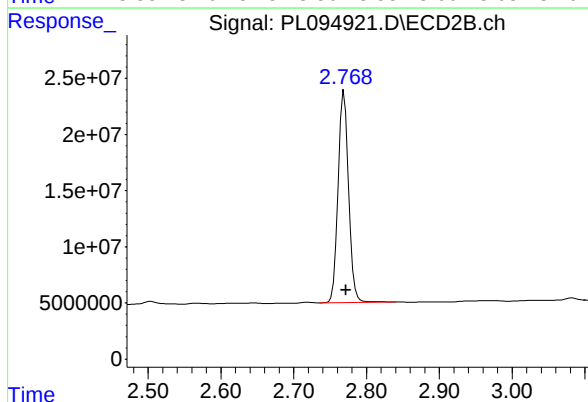
#1 Tetrachloro-m-xylene

R.T.: 3.536 min
Delta R.T.: -0.002 min
Response: 130422572
Conc: 46.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

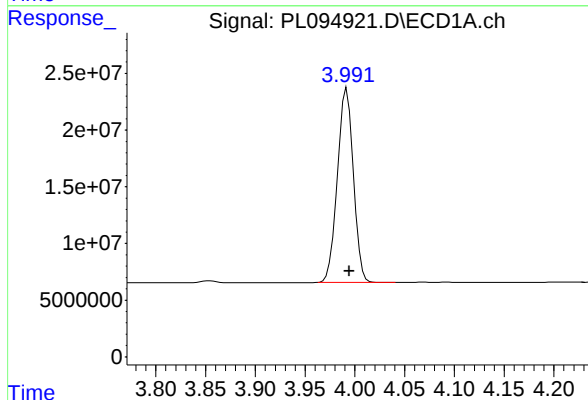
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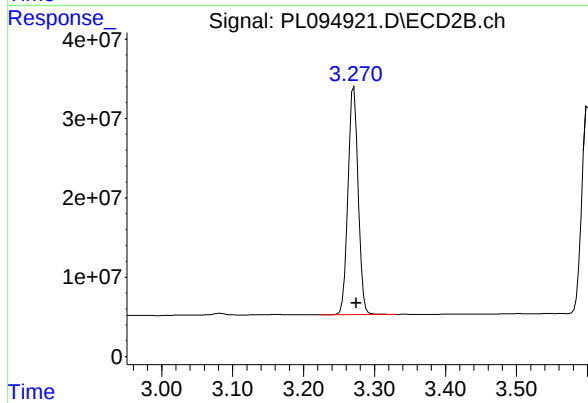
#1 Tetrachloro-m-xylene

R.T.: 2.769 min
Delta R.T.: -0.003 min
Response: 188291613
Conc: 52.75 ng/ml



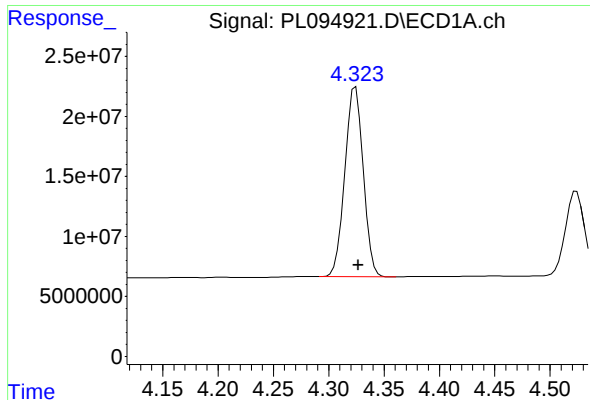
#2 alpha-BHC

R.T.: 3.992 min
Delta R.T.: -0.002 min
Response: 191744716
Conc: 46.18 ng/ml



#2 alpha-BHC

R.T.: 3.271 min
Delta R.T.: -0.003 min
Response: 285651020
Conc: 52.98 ng/ml



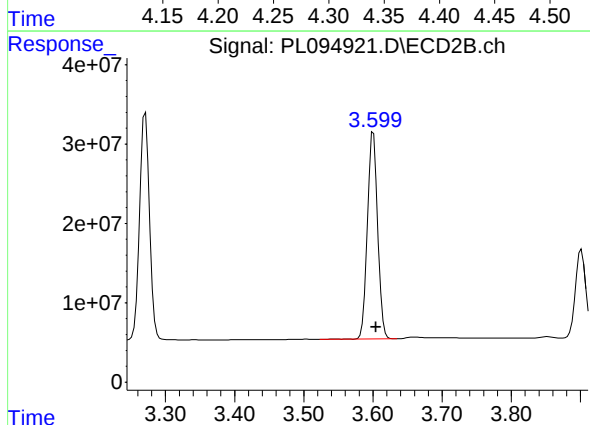
#3 gamma-BHC (Lindane)

R.T.: 4.324 min
Delta R.T.: -0.003 min
Response: 183393204
Conc: 45.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

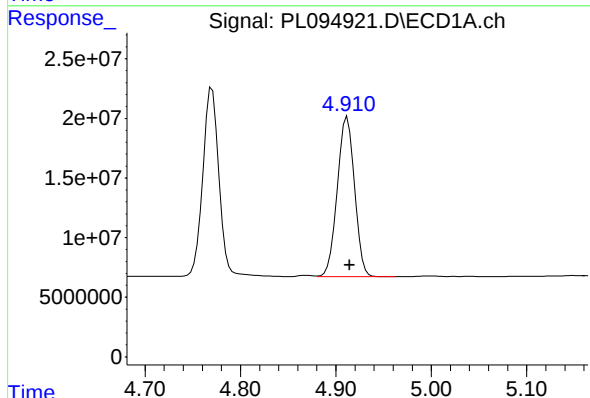
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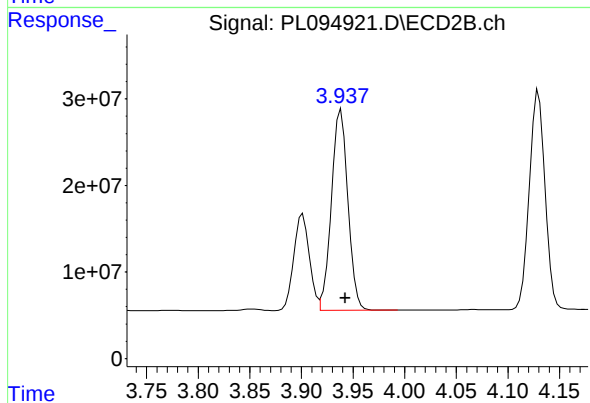
#3 gamma-BHC (Lindane)

R.T.: 3.601 min
Delta R.T.: -0.004 min
Response: 268349815
Conc: 52.21 ng/ml



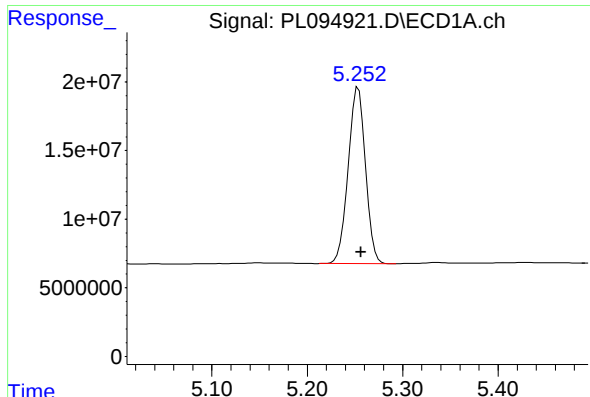
#4 Heptachlor

R.T.: 4.912 min
Delta R.T.: -0.003 min
Response: 167856743
Conc: 43.24 ng/ml



#4 Heptachlor

R.T.: 3.938 min
Delta R.T.: -0.004 min
Response: 258104864
Conc: 48.99 ng/ml



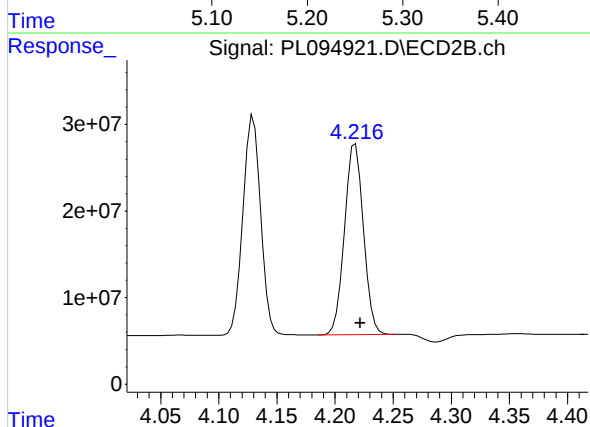
#5 Aldrin

R.T.: 5.253 min
Delta R.T.: -0.003 min
Response: 163096549
Conc: 44.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

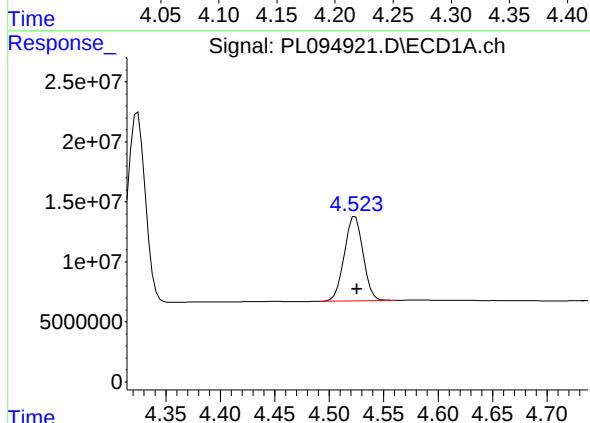
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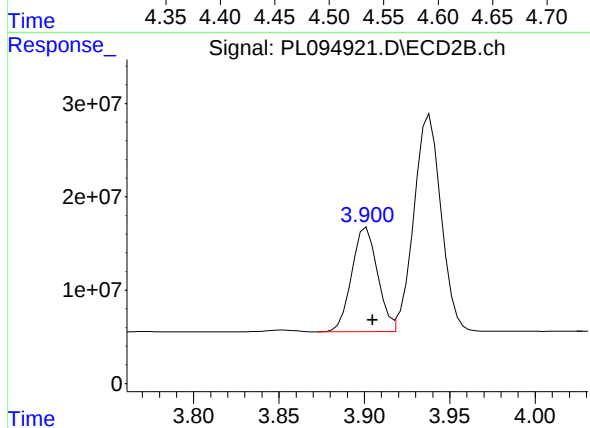
#5 Aldrin

R.T.: 4.218 min
Delta R.T.: -0.004 min
Response: 248707139
Conc: 51.00 ng/ml



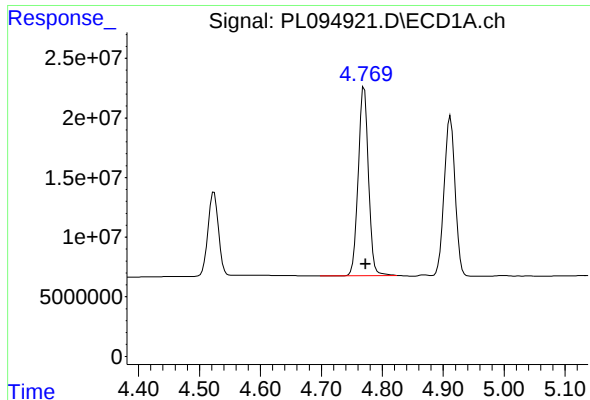
#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: -0.001 min
Response: 84073131
Conc: 45.56 ng/ml



#6 beta-BHC

R.T.: 3.901 min
Delta R.T.: -0.003 min
Response: 117389320
Conc: 52.85 ng/ml



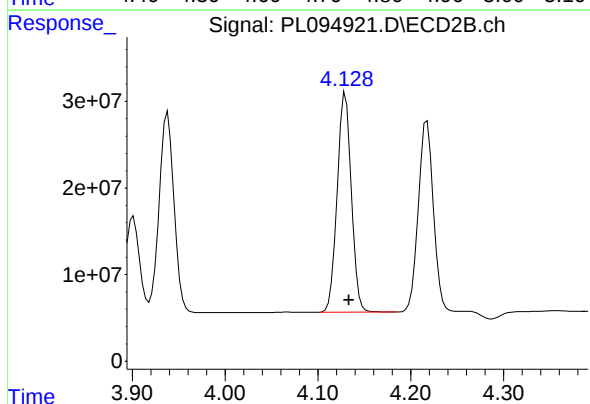
#7 delta-BHC

R.T.: 4.770 min
Delta R.T.: -0.002 min
Response: 185182689
Conc: 47.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

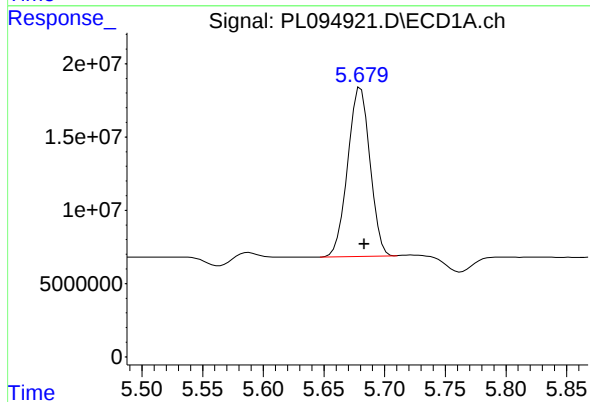
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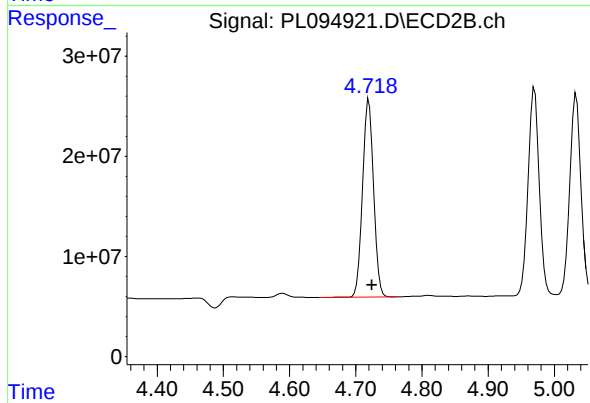
#7 delta-BHC

R.T.: 4.130 min
Delta R.T.: -0.003 min
Response: 268876395
Conc: 53.75 ng/ml



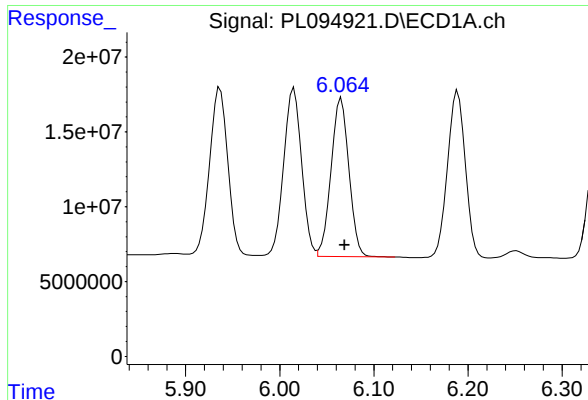
#8 Heptachlor epoxide

R.T.: 5.680 min
Delta R.T.: -0.003 min
Response: 147609103
Conc: 44.13 ng/ml



#8 Heptachlor epoxide

R.T.: 4.720 min
Delta R.T.: -0.005 min
Response: 230969436
Conc: 50.45 ng/ml



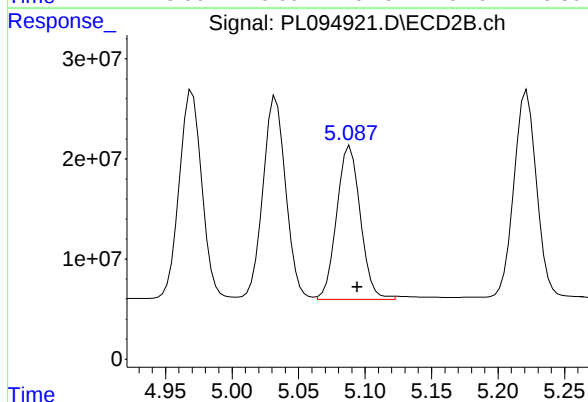
#9 Endosulfan I

R.T.: 6.065 min
Delta R.T.: -0.004 min
Response: 139581657
Conc: 45.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

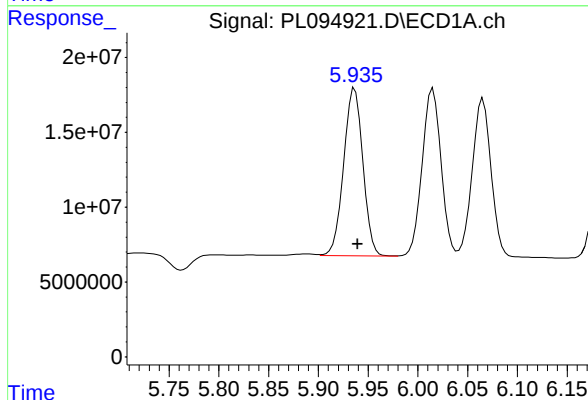
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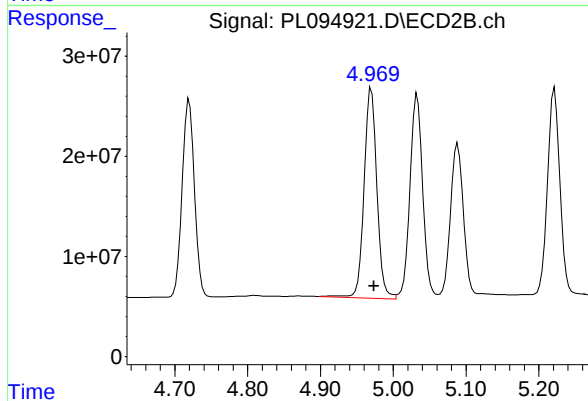
#9 Endosulfan I

R.T.: 5.087 min
Delta R.T.: -0.007 min
Response: 189818993
Conc: 43.25 ng/ml m



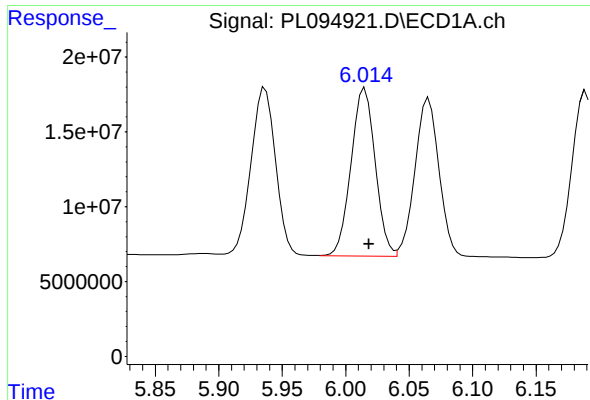
#10 gamma-Chlordane

R.T.: 5.937 min
Delta R.T.: -0.003 min
Response: 151474964
Conc: 44.96 ng/ml



#10 gamma-Chlordane

R.T.: 4.970 min
Delta R.T.: -0.004 min
Response: 256546653
Conc: 53.13 ng/ml



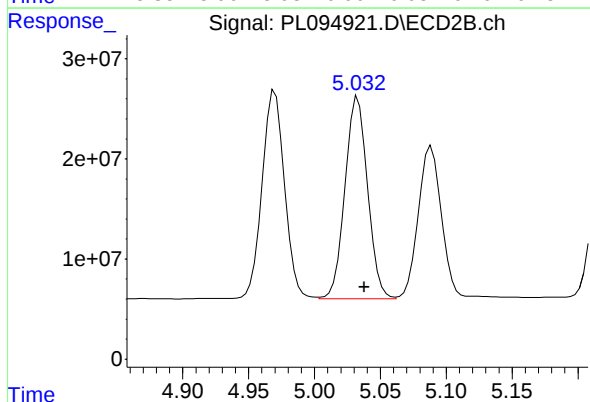
#11 alpha-Chlordane

R.T.: 6.015 min
Delta R.T.: -0.003 min
Response: 148941790
Conc: 45.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

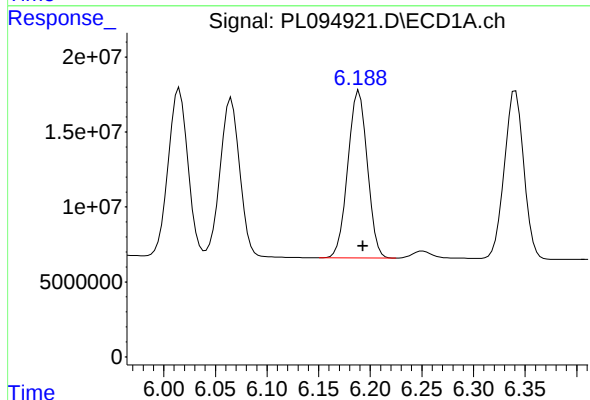
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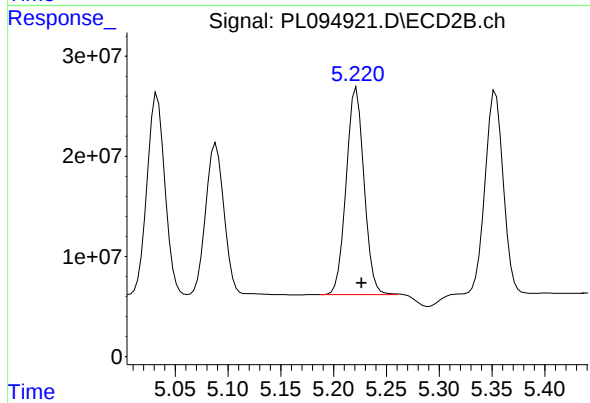
#11 alpha-Chlordane

R.T.: 5.032 min
Delta R.T.: -0.006 min
Response: 240463385
Conc: 50.38 ng/ml



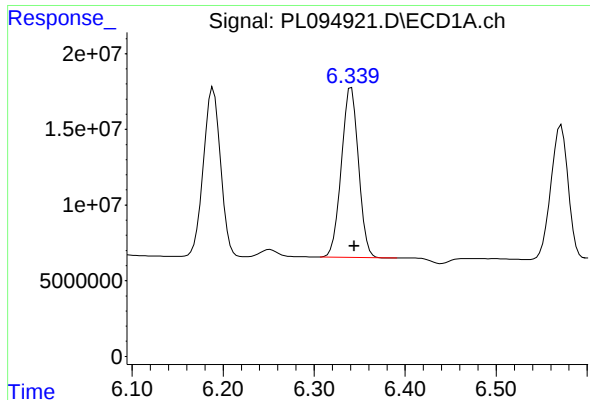
#12 4,4'-DDE

R.T.: 6.189 min
Delta R.T.: -0.004 min
Response: 146630210
Conc: 49.84 ng/ml



#12 4,4'-DDE

R.T.: 5.220 min
Delta R.T.: -0.006 min
Response: 243776308
Conc: 52.44 ng/ml



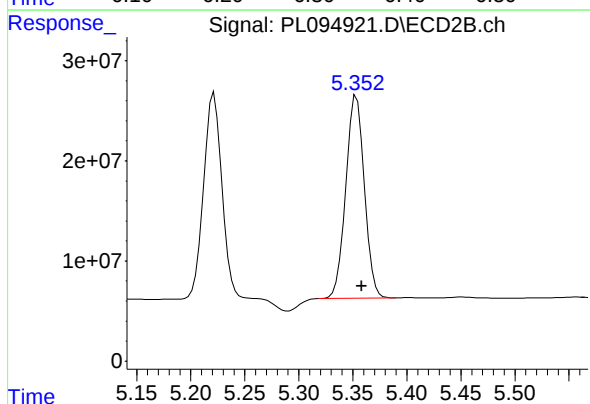
#13 Dieldrin

R.T.: 6.341 min
Delta R.T.: -0.003 min
Response: 146585923
Conc: 45.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

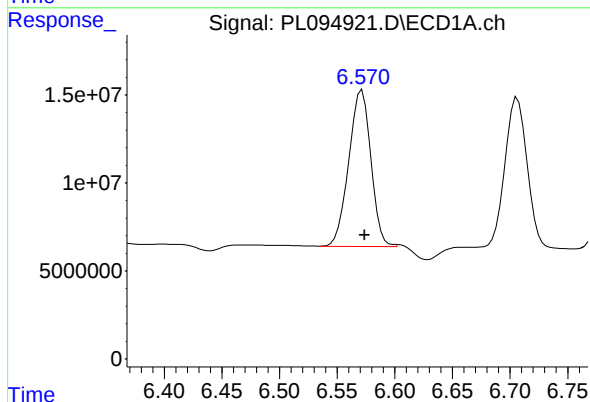
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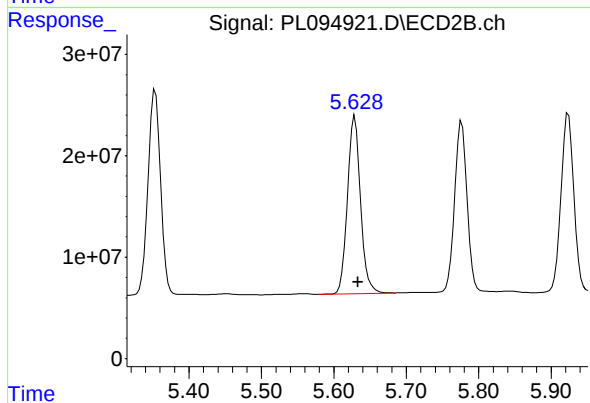
#13 Dieldrin

R.T.: 5.352 min
Delta R.T.: -0.006 min
Response: 242372432
Conc: 49.95 ng/ml



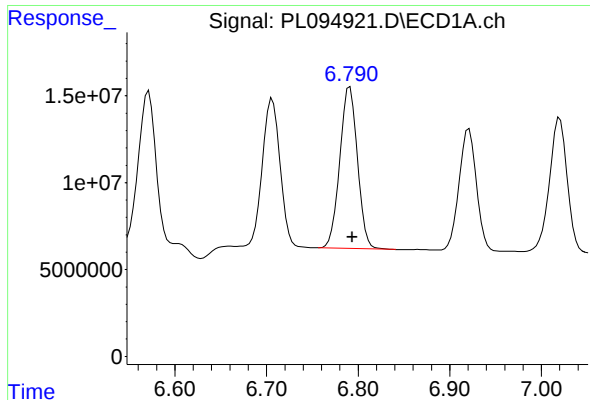
#14 Endrin

R.T.: 6.570 min
Delta R.T.: -0.004 min
Response: 118355238
Conc: 42.70 ng/ml



#14 Endrin

R.T.: 5.629 min
Delta R.T.: -0.005 min
Response: 220200861
Conc: 50.46 ng/ml



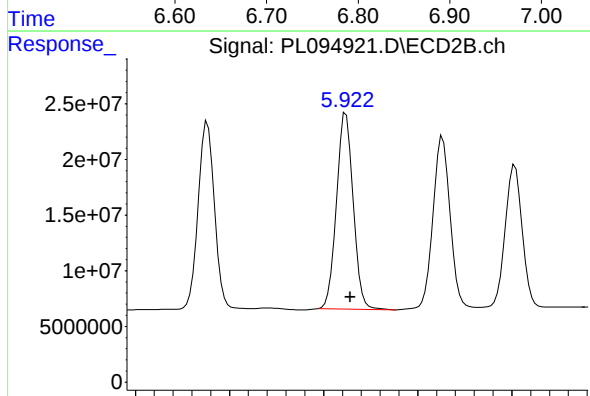
#15 Endosulfan II

R.T.: 6.791 min
Delta R.T.: -0.003 min
Response: 125073091
Conc: 46.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

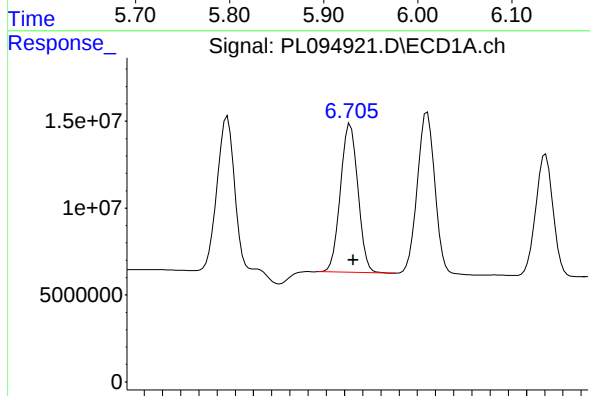
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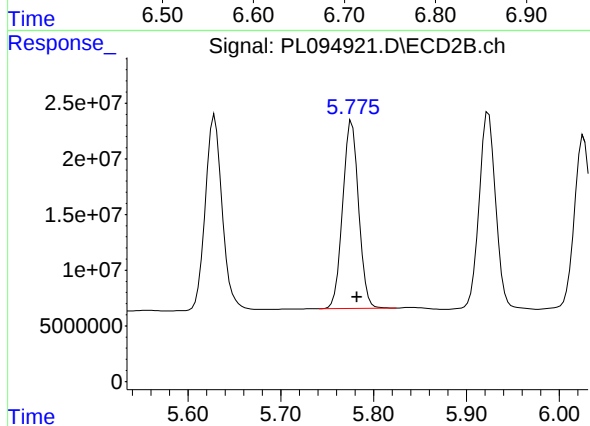
#15 Endosulfan II

R.T.: 5.924 min
Delta R.T.: -0.005 min
Response: 217678650
Conc: 50.29 ng/ml



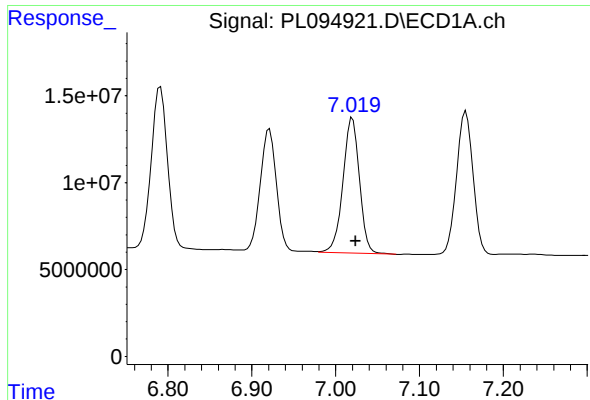
#16 4,4'-DDD

R.T.: 6.706 min
Delta R.T.: -0.003 min
Response: 114606710
Conc: 52.91 ng/ml



#16 4,4'-DDD

R.T.: 5.777 min
Delta R.T.: -0.005 min
Response: 201669737
Conc: 56.08 ng/ml



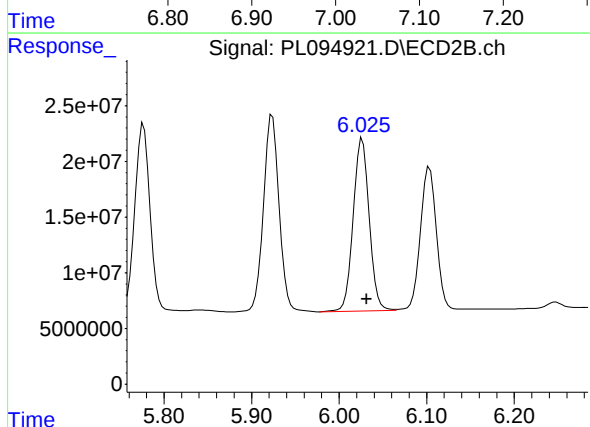
#17 4,4'-DDT

R.T.: 7.020 min
Delta R.T.: -0.004 min
Response: 106138343
Conc: 44.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

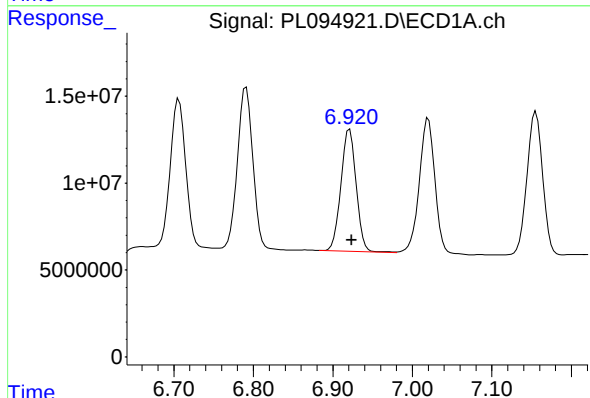
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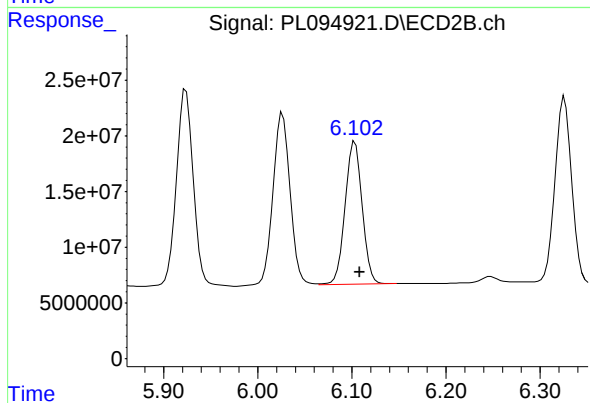
#17 4,4'-DDT

R.T.: 6.026 min
Delta R.T.: -0.005 min
Response: 196799620
Conc: 48.81 ng/ml



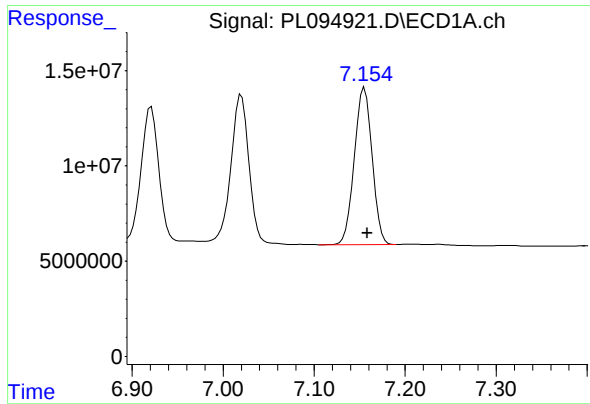
#18 Endrin aldehyde

R.T.: 6.921 min
Delta R.T.: -0.003 min
Response: 93325359
Conc: 44.21 ng/ml



#18 Endrin aldehyde

R.T.: 6.103 min
Delta R.T.: -0.005 min
Response: 161884489
Conc: 48.10 ng/ml



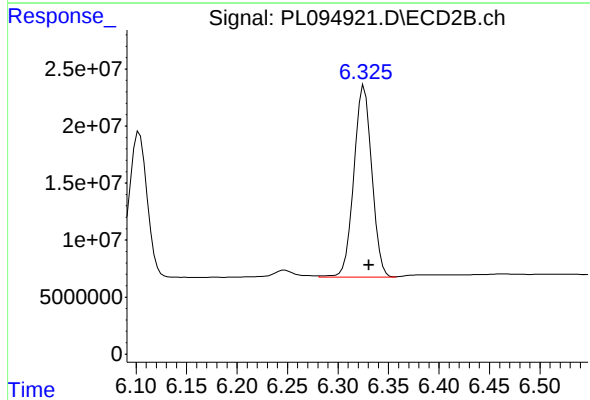
#19 Endosulfan Sulfate

R.T.: 7.155 min
Delta R.T.: -0.003 min
Response: 112548707
Conc: 46.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

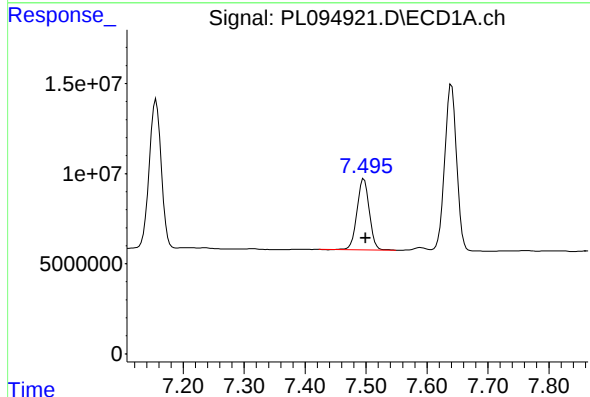
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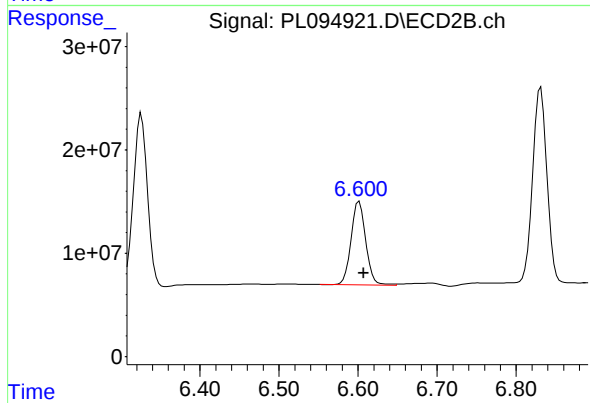
#19 Endosulfan Sulfate

R.T.: 6.326 min
Delta R.T.: -0.005 min
Response: 208052042
Conc: 51.08 ng/ml



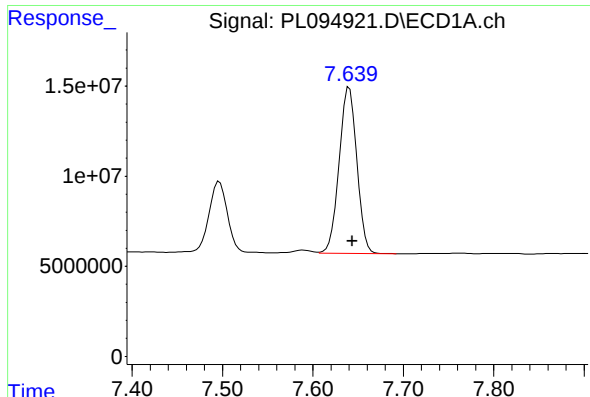
#20 Methoxychlor

R.T.: 7.497 min
Delta R.T.: -0.003 min
Response: 55263478
Conc: 46.17 ng/ml



#20 Methoxychlor

R.T.: 6.601 min
Delta R.T.: -0.005 min
Response: 104662182
Conc: 49.34 ng/ml



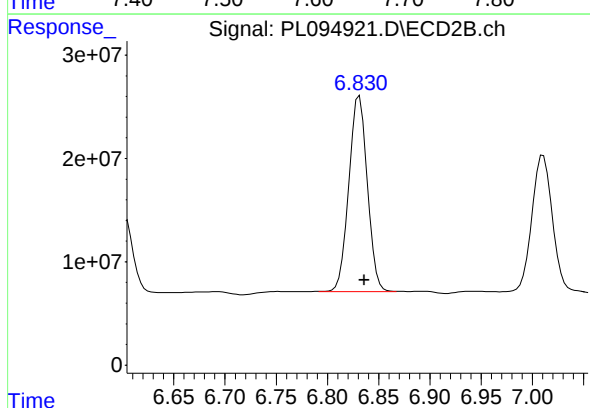
#21 Endrin ketone

R.T.: 7.640 min
Delta R.T.: -0.003 min
Response: 125708993
Conc: 47.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

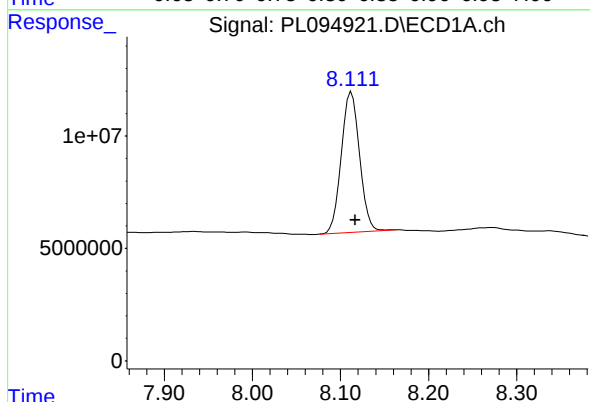
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/28/2025
Supervised By :mohammad ahmed 03/31/2025



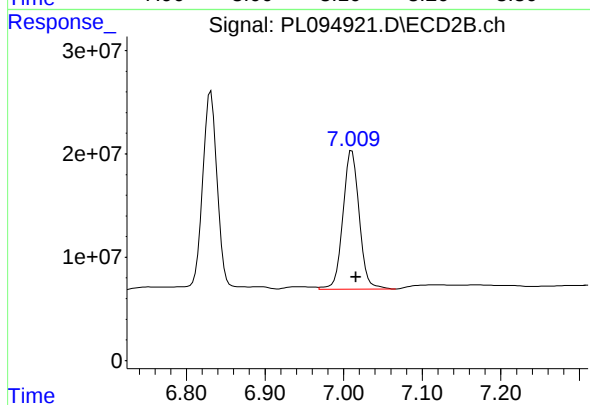
#21 Endrin ketone

R.T.: 6.830 min
Delta R.T.: -0.006 min
Response: 237752896
Conc: 49.82 ng/ml m



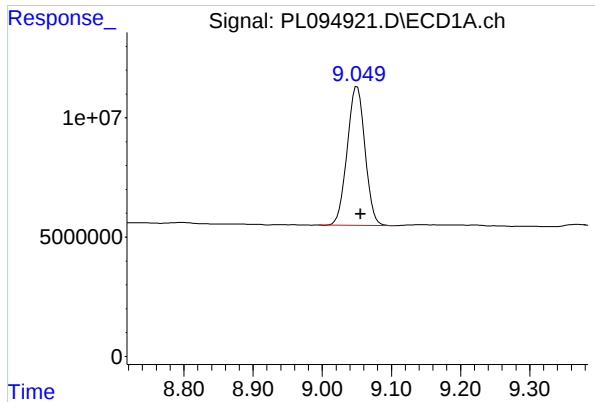
#22 Mirex

R.T.: 8.112 min
Delta R.T.: -0.004 min
Response: 90414973
Conc: 43.76 ng/ml



#22 Mirex

R.T.: 7.011 min
Delta R.T.: -0.005 min
Response: 194074149
Conc: 51.14 ng/ml



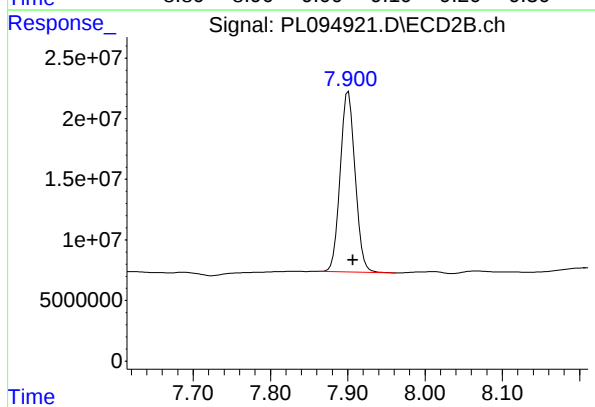
#28 Decachlorobiphenyl

R.T.: 9.050 min
Delta R.T.: -0.005 min
Response: 104161710
Conc: 49.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/28/2025
Supervised By :mohammad ahmed 03/31/2025



#28 Decachlorobiphenyl

R.T.: 7.901 min
Delta R.T.: -0.006 min
Response: 198796269
Conc: 49.21 ng/ml