

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101224\
 Data File : PL092321.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Oct 2024 09:09
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/14/2024
 Supervised By :Ankita Jodhani 10/14/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 14 01:29:24 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 23 16:44:57 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.540	2.779	117.4E6	134.0E6	52.792	53.422
28)	SA Decachlor...	9.057	7.919	88137339	129.0E6	53.800	51.558
Target Compounds							
2)	A alpha-BHC	3.996	3.281	162.9E6	200.4E6	52.622	55.015
3)	MA gamma-BHC...	4.328	3.611	159.2E6	192.0E6	51.373	54.370
4)	MA Heptachlor	4.917	3.951	144.8E6	188.0E6	52.354	54.495
5)	MB Aldrin	5.259	4.229	141.3E6	183.7E6	50.868	54.001m
6)	B beta-BHC	4.525	3.911	69154877	80846860	52.138	53.787
7)	B delta-BHC	4.773	4.139	152.2E6	192.1E6	52.755	55.320m
8)	B Heptachlo...	5.684	4.733	137.5E6	162.5E6	54.013m	53.744
9)	A Endosulfan I	6.071	5.103	123.8E6	132.5E6	53.504	48.287
10)	B gamma-Chl...	5.940	4.983	127.6E6	164.7E6	51.624m	54.742
11)	B alpha-Chl...	6.019	5.047	124.8E6	162.2E6	50.662m	54.172
12)	B 4,4'-DDE	6.194	5.235	112.1E6	155.9E6	51.811	56.118m
13)	MA Dieldrin	6.346	5.368	123.9E6	159.6E6	50.814	54.442
14)	MA Endrin	6.576	5.643	104.6E6	142.5E6	50.764	54.336
15)	B Endosulfa...	6.796	5.938	108.3E6	135.0E6	49.256	53.948
16)	A 4,4'-DDD	6.709	5.791	94861365	122.4E6	52.826m	57.300
17)	MA 4,4'-DDT	7.025	6.042	96873529	126.5E6	52.614	54.702
18)	B Endrin al...	6.926	6.117	88934942	108.7E6	51.031	53.269
19)	B Endosulfa...	7.160	6.340	101.0E6	128.5E6	50.964	53.258
20)	A Methoxychlor	7.501	6.617	52690496	67138846	53.672	53.696
21)	B Endrin ke...	7.645	6.845	111.8E6	151.7E6	50.855	54.799m
22)	Mirex	8.119	7.027	89852236	123.3E6	49.890	50.672

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101224\
Data File : PL092321.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Oct 2024 09:09
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

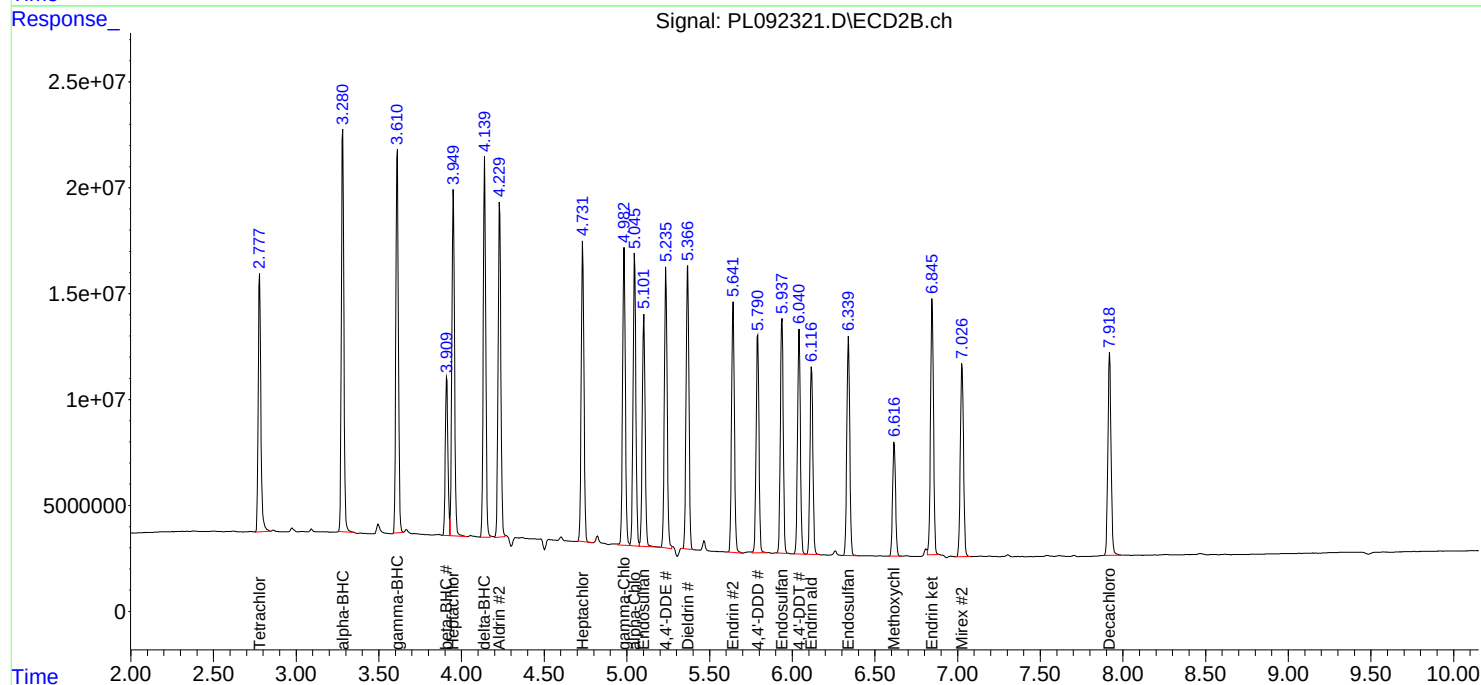
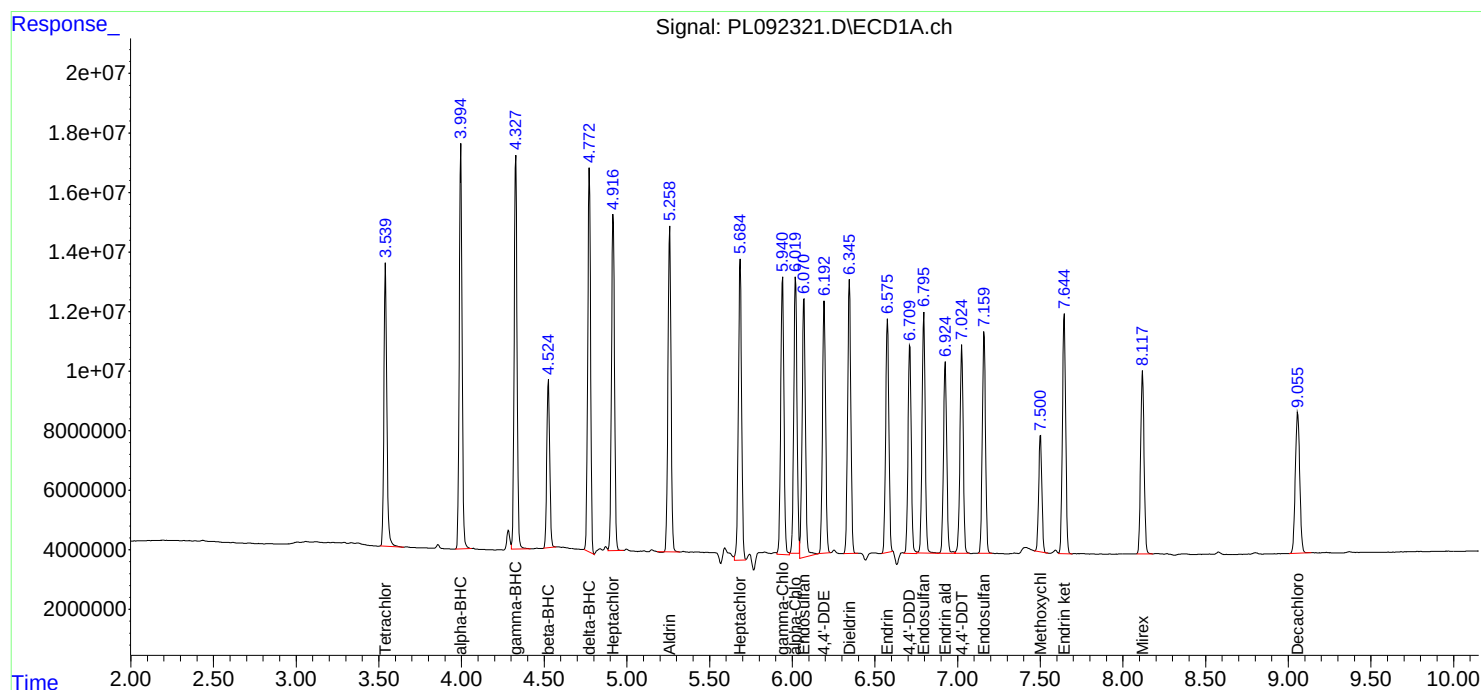
APPROVED

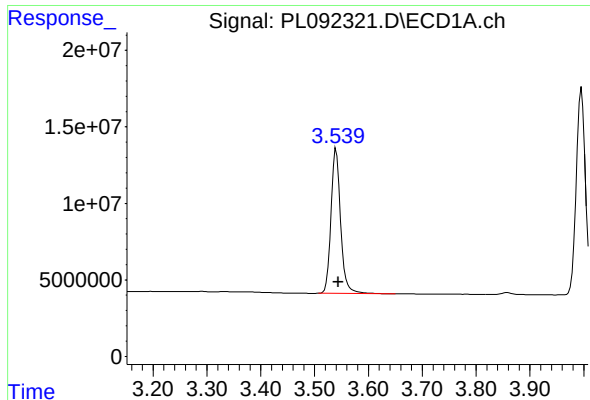
Reviewed By :Abdul Mirza 10/14/2024

Supervised By :Ankita Jodhani 10/14/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 14 01:29:24 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:44:57 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





#1 Tetrachloro-m-xylene

R.T.: 3.540 min
Delta R.T.: -0.004 min
Response: 117444937
Conc: 52.79 ng/ml

Instrument :

ECD_L

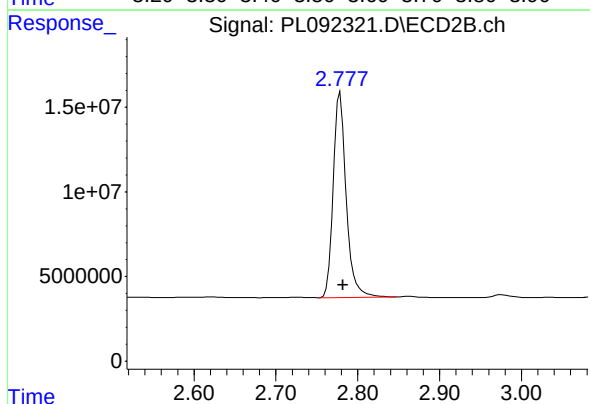
ClientSampleId :

PSTDCCC050

Manual Integrations

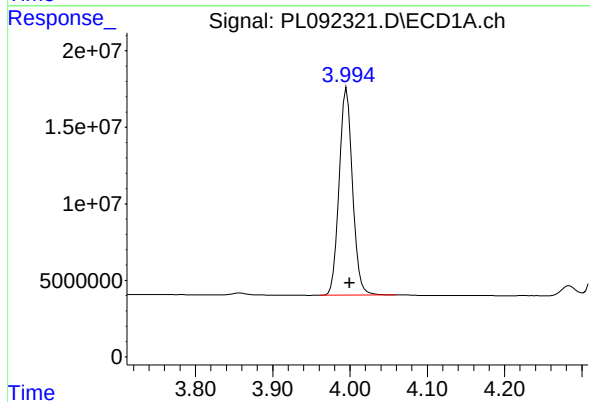
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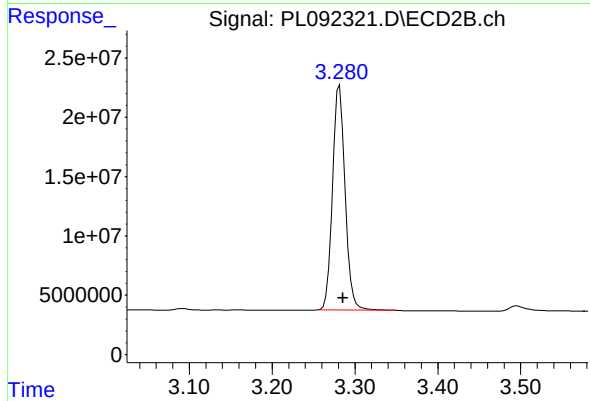
#1 Tetrachloro-m-xylene

R.T.: 2.779 min
Delta R.T.: -0.004 min
Response: 133985801
Conc: 53.42 ng/ml



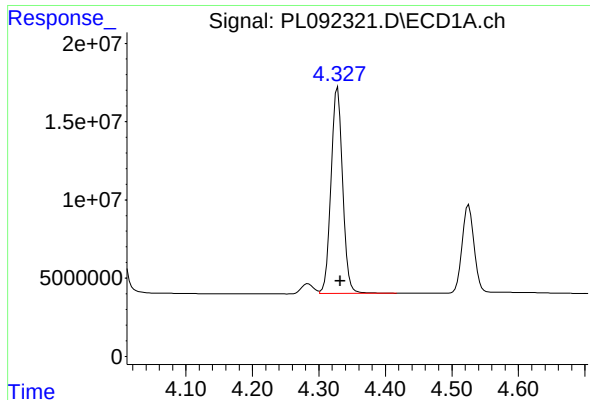
#2 alpha-BHC

R.T.: 3.996 min
Delta R.T.: -0.003 min
Response: 162946245
Conc: 52.62 ng/ml



#2 alpha-BHC

R.T.: 3.281 min
Delta R.T.: -0.004 min
Response: 200436589
Conc: 55.01 ng/ml



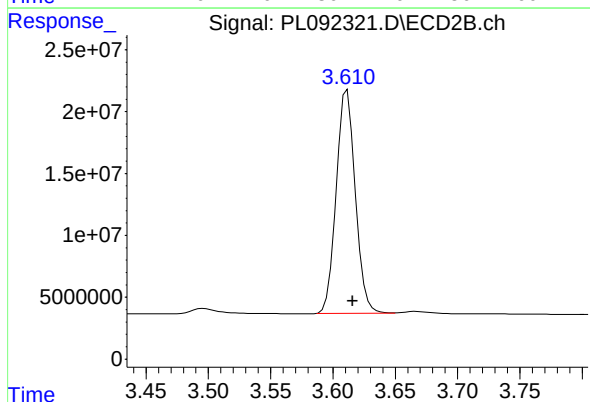
#3 gamma-BHC (Lindane)

R.T.: 4.328 min
Delta R.T.: -0.004 min
Response: 159194329
Conc: 51.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

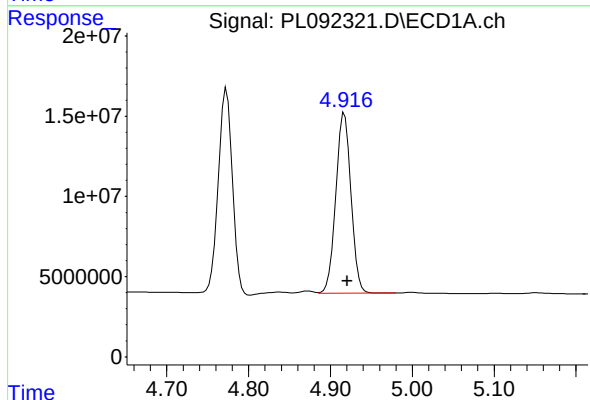
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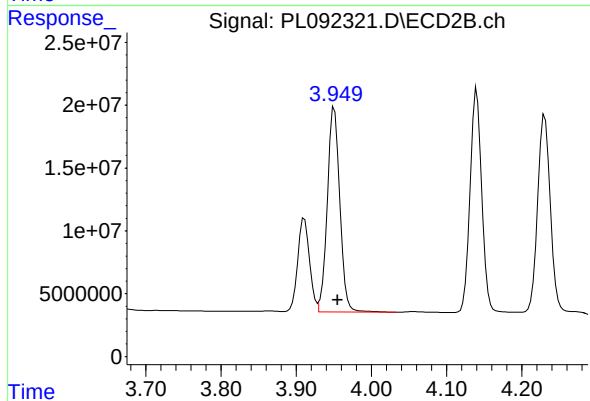
#3 gamma-BHC (Lindane)

R.T.: 3.611 min
Delta R.T.: -0.004 min
Response: 191979839
Conc: 54.37 ng/ml



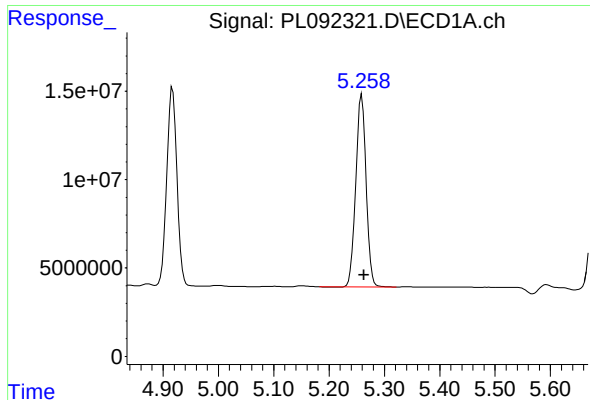
#4 Heptachlor

R.T.: 4.917 min
Delta R.T.: -0.003 min
Response: 144782982
Conc: 52.35 ng/ml



#4 Heptachlor

R.T.: 3.951 min
Delta R.T.: -0.004 min
Response: 188040907
Conc: 54.49 ng/ml



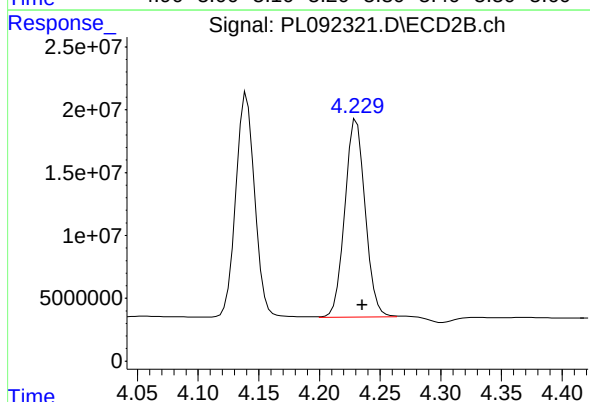
#5 Aldrin

R.T.: 5.259 min
Delta R.T.: -0.004 min
Response: 141289348
Conc: 50.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

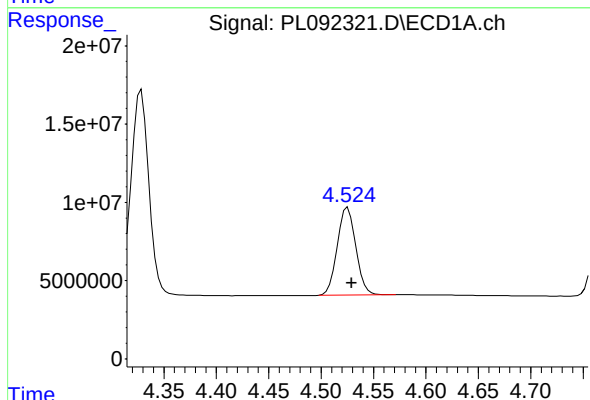
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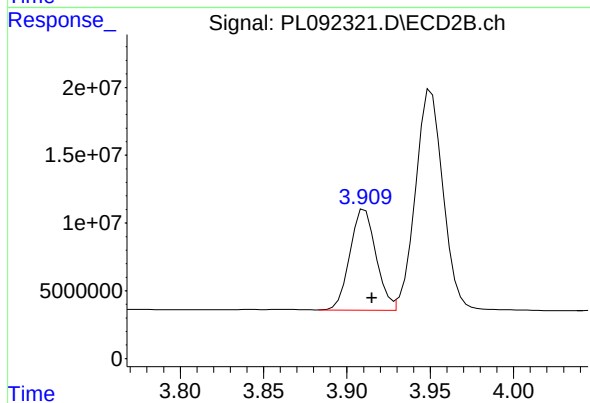
#5 Aldrin

R.T.: 4.229 min
Delta R.T.: -0.006 min
Response: 183664179
Conc: 54.00 ng/ml



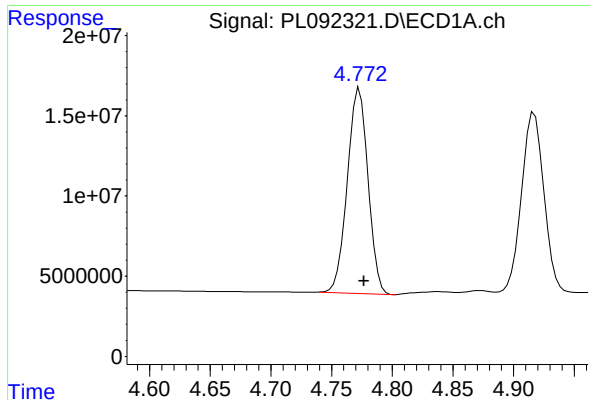
#6 beta-BHC

R.T.: 4.525 min
Delta R.T.: -0.004 min
Response: 69154877
Conc: 52.14 ng/ml



#6 beta-BHC

R.T.: 3.911 min
Delta R.T.: -0.004 min
Response: 80846860
Conc: 53.79 ng/ml



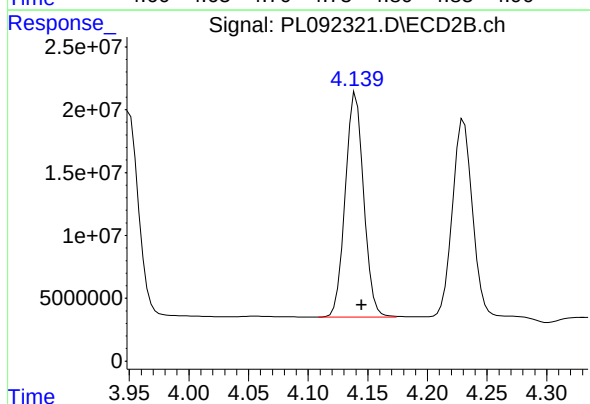
#7 delta-BHC

R.T.: 4.773 min
Delta R.T.: -0.004 min
Response: 152155998
Conc: 52.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

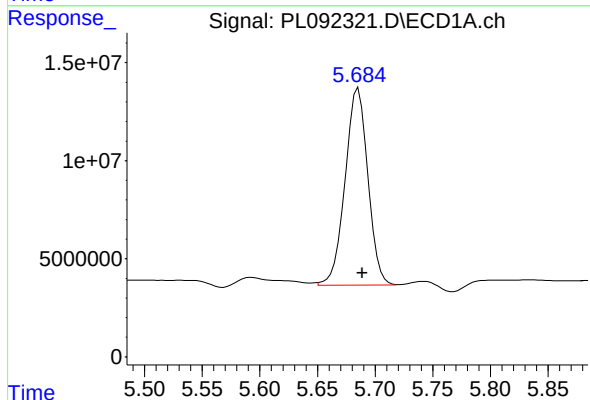
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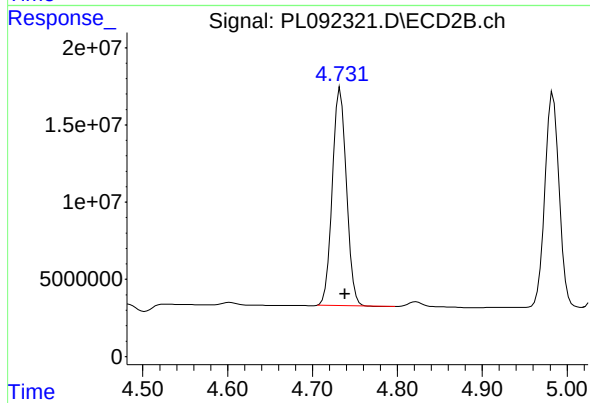
#7 delta-BHC

R.T.: 4.139 min
Delta R.T.: -0.006 min
Response: 192054435
Conc: 55.32 ng/ml



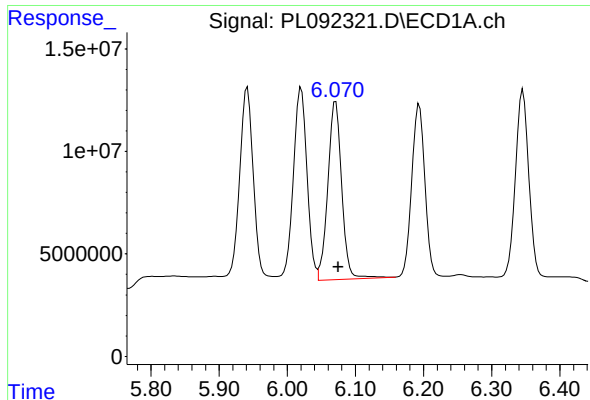
#8 Heptachlor epoxide

R.T.: 5.684 min
Delta R.T.: -0.005 min
Response: 137463247
Conc: 54.01 ng/ml



#8 Heptachlor epoxide

R.T.: 4.733 min
Delta R.T.: -0.005 min
Response: 162461126
Conc: 53.74 ng/ml



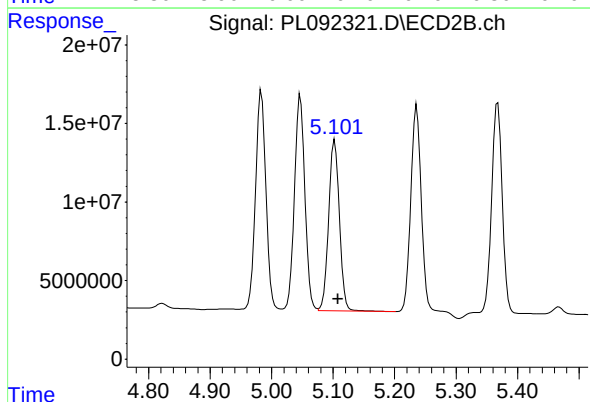
#9 Endosulfan I

R.T.: 6.071 min
Delta R.T.: -0.004 min
Response: 123775926
Conc: 53.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

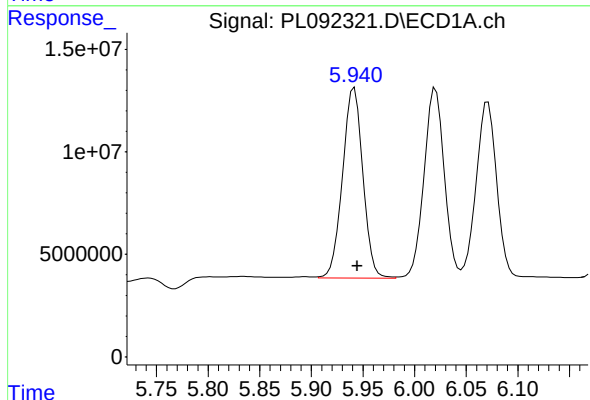
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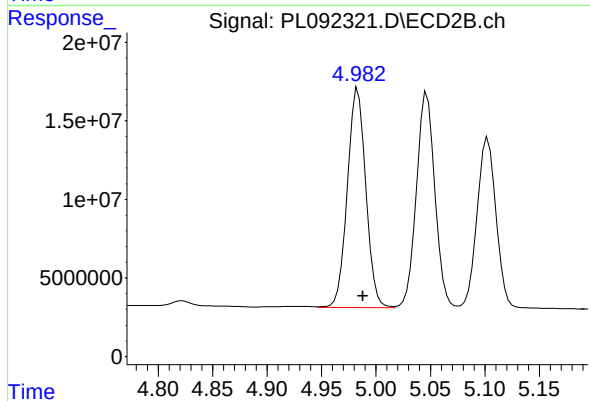
#9 Endosulfan I

R.T.: 5.103 min
Delta R.T.: -0.005 min
Response: 132530741
Conc: 48.29 ng/ml



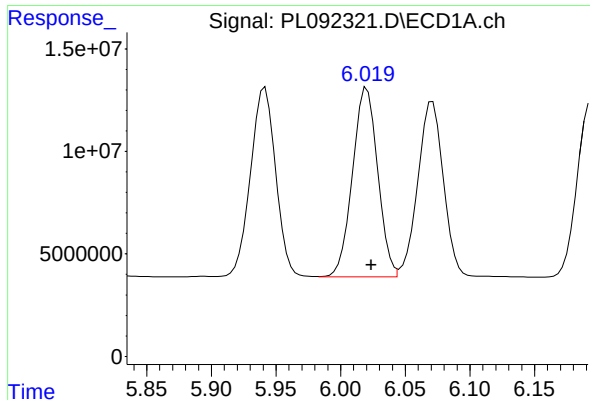
#10 gamma-Chlordane

R.T.: 5.940 min
Delta R.T.: -0.004 min
Response: 127572603
Conc: 51.62 ng/ml m



#10 gamma-Chlordane

R.T.: 4.983 min
Delta R.T.: -0.005 min
Response: 164696412
Conc: 54.74 ng/ml



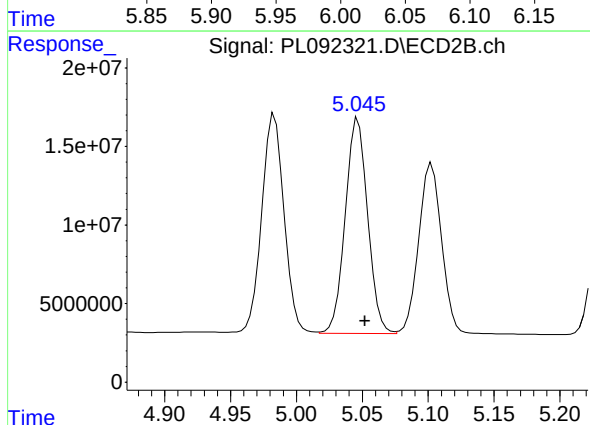
#11 alpha-Chlordane

R.T.: 6.019 min
Delta R.T.: -0.005 min
Response: 124797899
Conc: 50.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

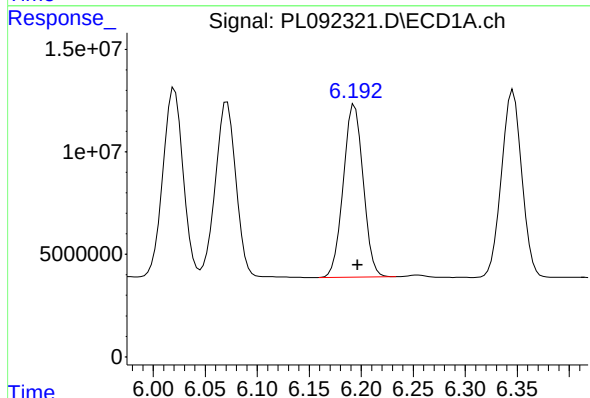
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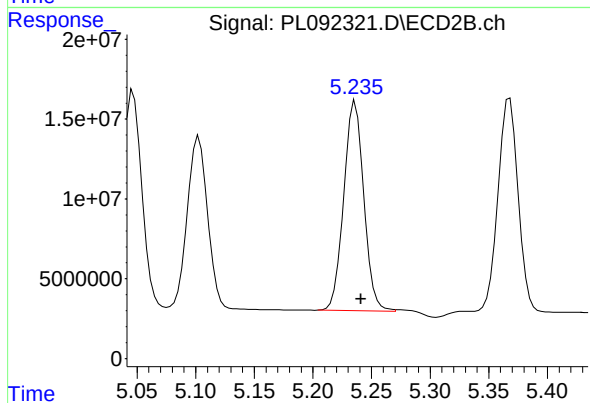
#11 alpha-Chlordane

R.T.: 5.047 min
Delta R.T.: -0.005 min
Response: 162167337
Conc: 54.17 ng/ml



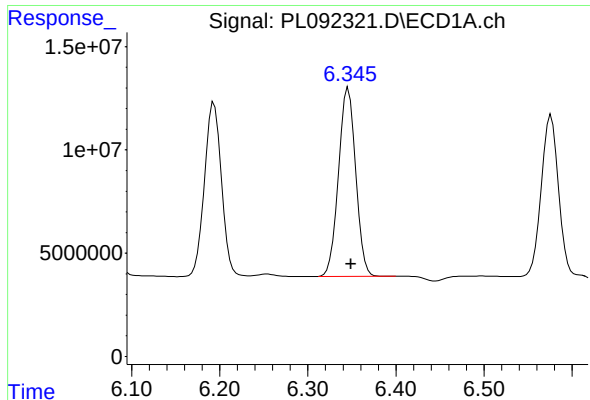
#12 4,4'-DDE

R.T.: 6.194 min
Delta R.T.: -0.003 min
Response: 112141362
Conc: 51.81 ng/ml



#12 4,4'-DDE

R.T.: 5.235 min
Delta R.T.: -0.006 min
Response: 155941853
Conc: 56.12 ng/ml m



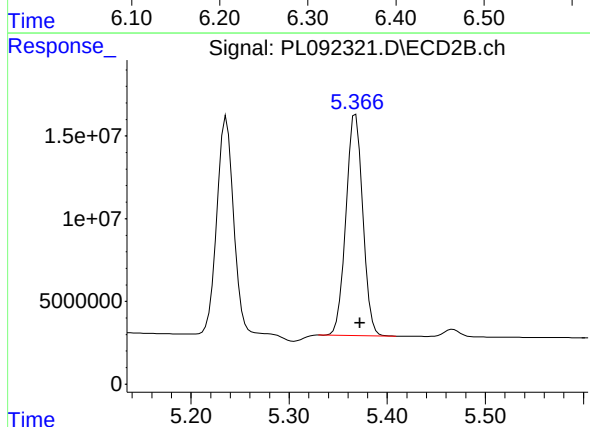
#13 Dieldrin

R.T.: 6.346 min
Delta R.T.: -0.003 min
Response: 123928865
Conc: 50.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

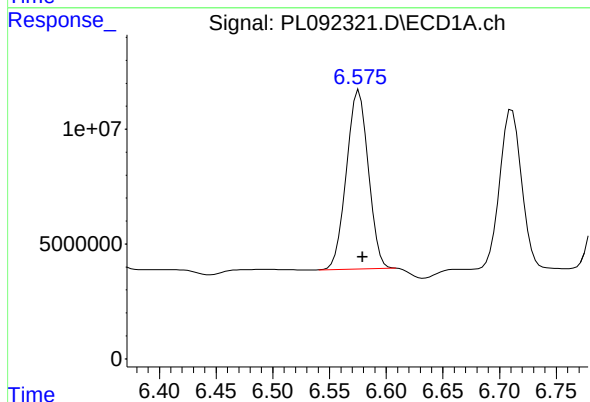
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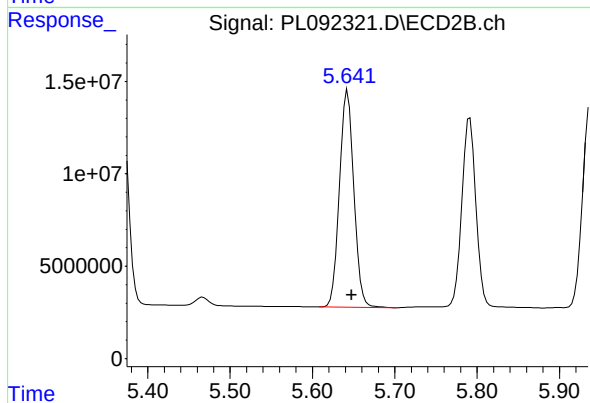
#13 Dieldrin

R.T.: 5.368 min
Delta R.T.: -0.004 min
Response: 159614916
Conc: 54.44 ng/ml



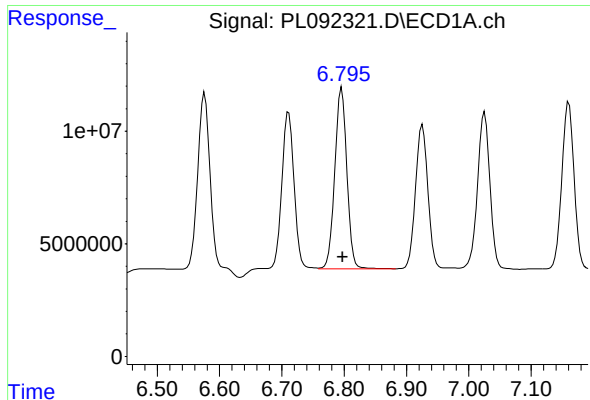
#14 Endrin

R.T.: 6.576 min
Delta R.T.: -0.003 min
Response: 104608530
Conc: 50.76 ng/ml



#14 Endrin

R.T.: 5.643 min
Delta R.T.: -0.005 min
Response: 142477949
Conc: 54.34 ng/ml



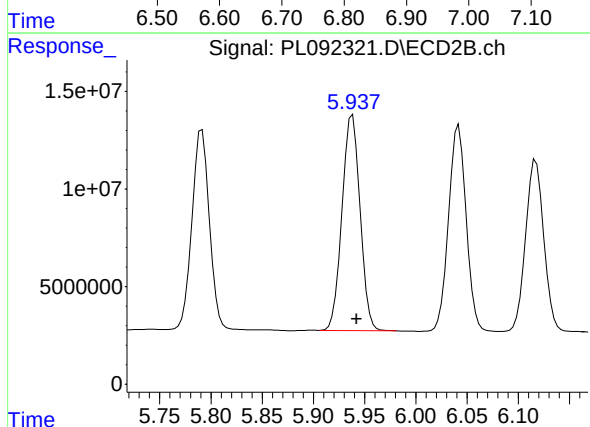
#15 Endosulfan II

R.T.: 6.796 min
Delta R.T.: -0.002 min
Response: 108348821
Conc: 49.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

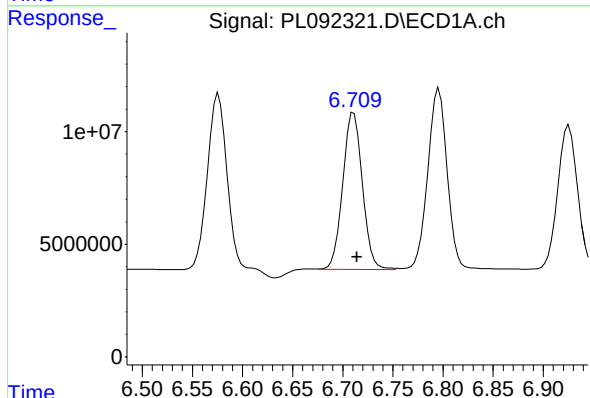
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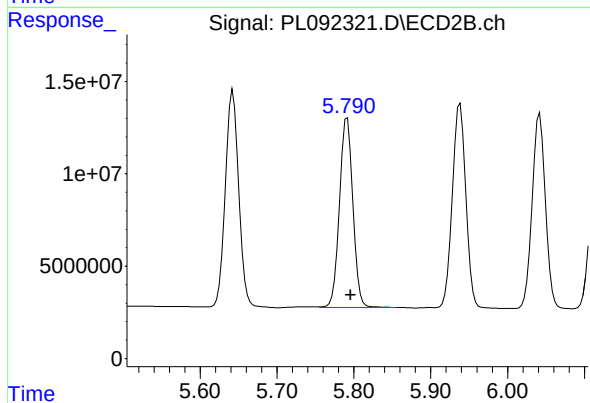
#15 Endosulfan II

R.T.: 5.938 min
Delta R.T.: -0.004 min
Response: 134999339
Conc: 53.95 ng/ml



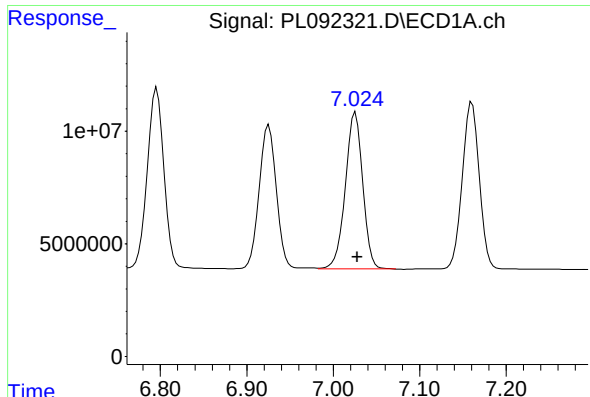
#16 4,4'-DDD

R.T.: 6.709 min
Delta R.T.: -0.005 min
Response: 94861365
Conc: 52.83 ng/ml m



#16 4,4'-DDD

R.T.: 5.791 min
Delta R.T.: -0.005 min
Response: 122406198
Conc: 57.30 ng/ml



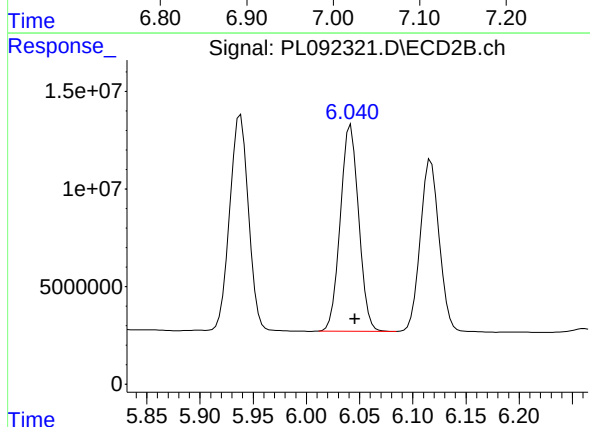
#17 4,4'-DDT

R.T.: 7.025 min
Delta R.T.: -0.002 min
Response: 96873529
Conc: 52.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

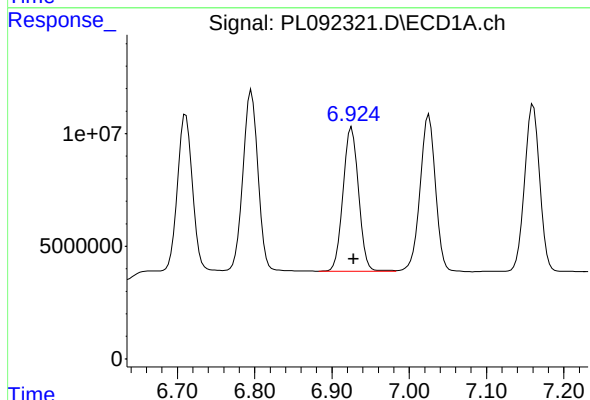
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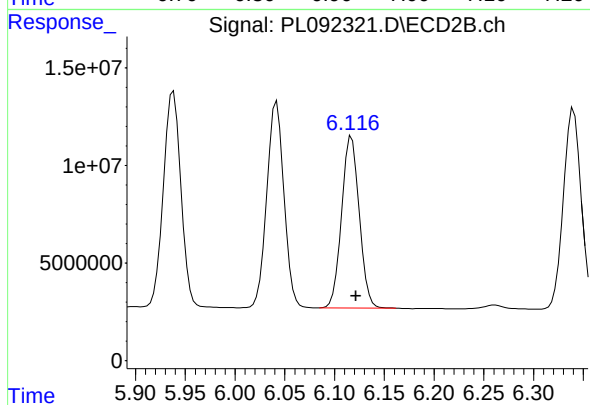
#17 4,4'-DDT

R.T.: 6.042 min
Delta R.T.: -0.004 min
Response: 126535409
Conc: 54.70 ng/ml



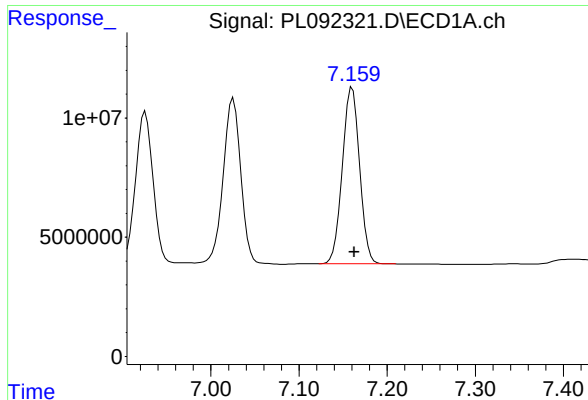
#18 Endrin aldehyde

R.T.: 6.926 min
Delta R.T.: -0.003 min
Response: 88934942
Conc: 51.03 ng/ml



#18 Endrin aldehyde

R.T.: 6.117 min
Delta R.T.: -0.004 min
Response: 108708130
Conc: 53.27 ng/ml



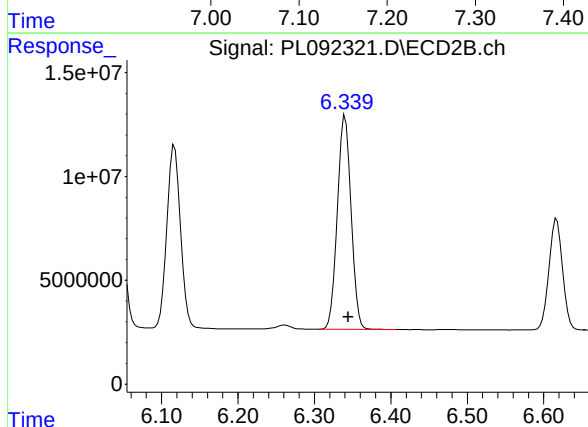
#19 Endosulfan Sulfate

R.T.: 7.160 min
Delta R.T.: -0.002 min
Response: 101023767
Conc: 50.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

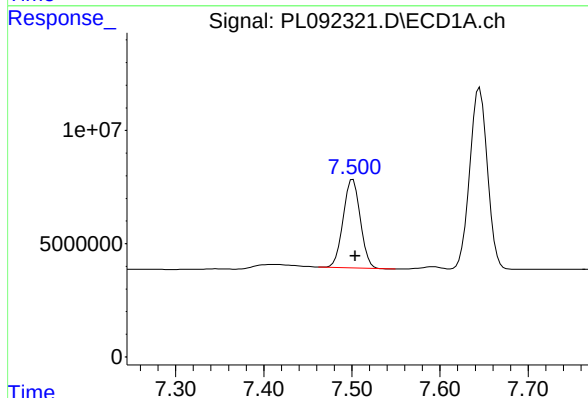
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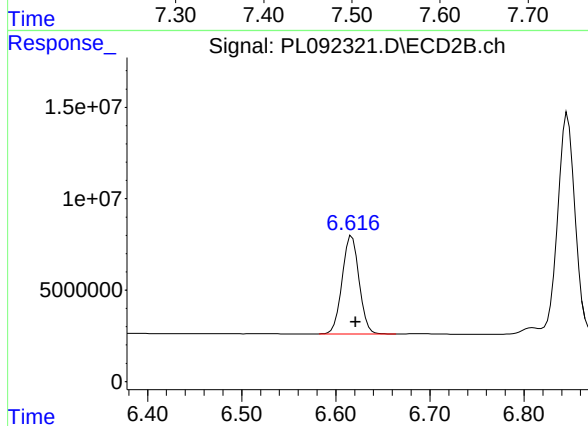
#19 Endosulfan Sulfate

R.T.: 6.340 min
Delta R.T.: -0.004 min
Response: 128485262
Conc: 53.26 ng/ml



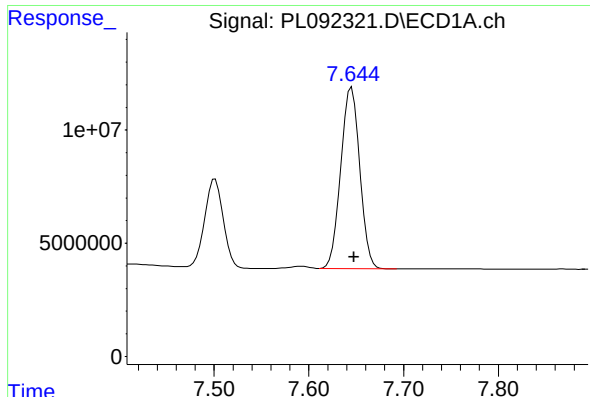
#20 Methoxychlor

R.T.: 7.501 min
Delta R.T.: -0.002 min
Response: 52690496
Conc: 53.67 ng/ml



#20 Methoxychlor

R.T.: 6.617 min
Delta R.T.: -0.004 min
Response: 67138846
Conc: 53.70 ng/ml



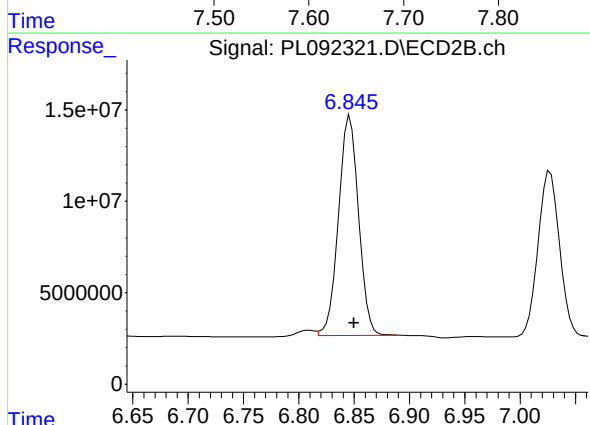
#21 Endrin ketone

R.T.: 7.645 min
Delta R.T.: -0.002 min
Response: 111757710
Conc: 50.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

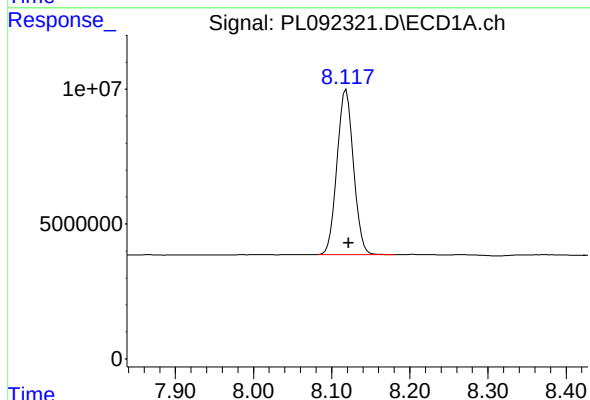
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/14/2024
Supervised By :Ankita Jodhani 10/14/2024



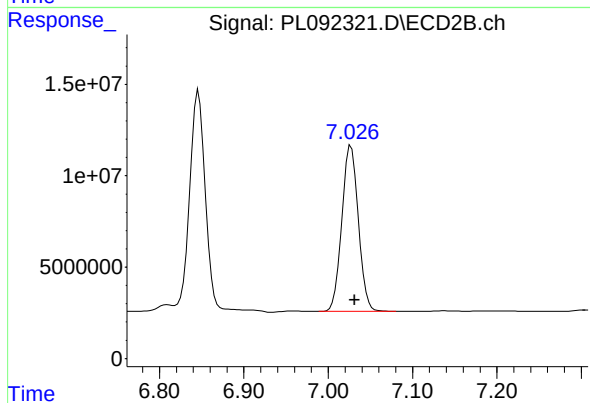
#21 Endrin ketone

R.T.: 6.845 min
Delta R.T.: -0.005 min
Response: 151735481
Conc: 54.80 ng/ml m



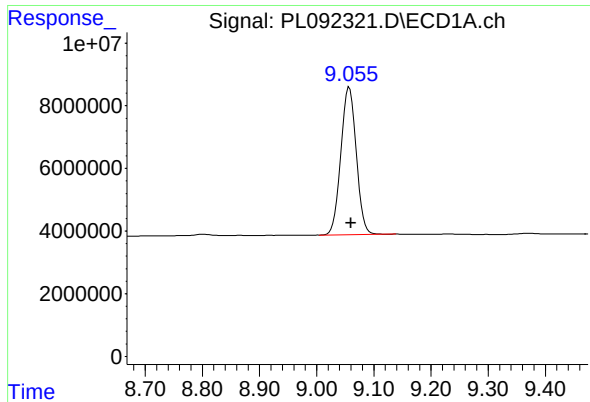
#22 Mirex

R.T.: 8.119 min
Delta R.T.: -0.003 min
Response: 89852236
Conc: 49.89 ng/ml



#22 Mirex

R.T.: 7.027 min
Delta R.T.: -0.004 min
Response: 123267149
Conc: 50.67 ng/ml



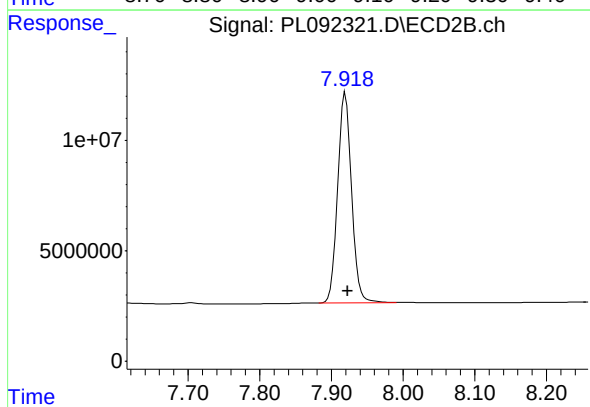
#28 Decachlorobiphenyl

R.T.: 9.057 min
Delta R.T.: -0.003 min
Response: 88137339
Conc: 53.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.919 min
Delta R.T.: -0.003 min
Response: 128996344
Conc: 51.56 ng/ml