

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111124\
 Data File : PL092993.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Nov 2024 01:06
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 11/12/2024
 Supervised By :Ankita Jodhani 11/12/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 12 01:09:45 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 28 18:58:23 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...	3.542	2.778	123.1E6	140.7E6	50.223	51.722
28) SA Decachlor...	9.062	7.920	88021258	128.3E6	45.736	46.995
Target Compounds						
2) A alpha-BHC	3.998	3.281	169.6E6	211.1E6	50.009	52.909
3) MA gamma-BHC...	4.331	3.611	160.9E6	202.5E6	49.356	52.477
4) MA Heptachlor	4.919	3.950	137.7E6	185.8E6	45.836	49.223
5) MB Aldrin	5.261	4.230	143.7E6	192.9E6	47.874	52.711
6) B beta-BHC	4.529	3.911	70678897	85951393	48.897	52.210
7) B delta-BHC	4.776	4.140	155.9E6	205.8E6	49.804	53.556
8) B Heptachlo...	5.686	4.733	130.1E6	173.1E6	47.102m	51.791
9) A Endosulfan I	6.074	5.102	117.0E6	145.6E6	46.788	47.694
10) B gamma-Chl...	5.944	4.983	126.5E6	175.2E6	47.547	52.130
11) B alpha-Chl...	6.023	5.047	124.6E6	172.1E6	47.064	51.738
12) B 4,4'-DDE	6.196	5.236	114.3E6	172.3E6	48.260	53.479
13) MA Dieldrin	6.349	5.367	123.4E6	175.3E6	46.824	52.495
14) MA Endrin	6.579	5.643	95665938	140.7E6	42.020	48.623
15) B Endosulfa...	6.798	5.938	107.1E6	146.4E6	44.936	51.656
16) A 4,4'-DDD	6.714	5.791	99850229	146.3E6	52.018	58.747
17) MA 4,4'-DDT	7.026	6.041	83093040	114.1E6	40.146m	42.537
18) B Endrin al...	6.928	6.117	87754026	118.9E6	46.728	51.545
19) B Endosulfa...	7.163	6.340	99207156	139.1E6	45.710	51.577
20) A Methoxychlor	7.504	6.617	45835568	61350259	40.207	42.961
21) B Endrin ke...	7.648	6.846	113.5E6	161.5E6	46.831	52.611
22) Mirex	8.121	7.027	86751231	123.2E6	43.776	47.227

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111124\
Data File : PL092993.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Nov 2024 01:06
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

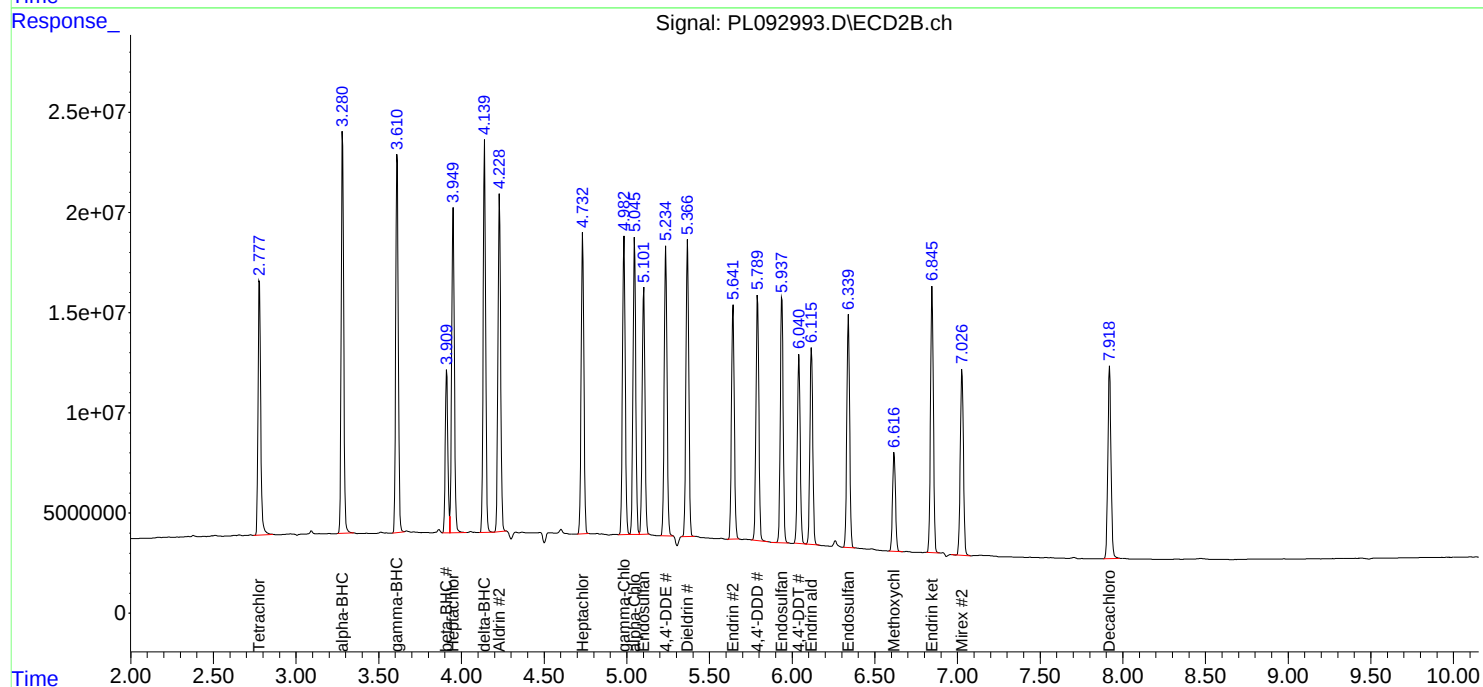
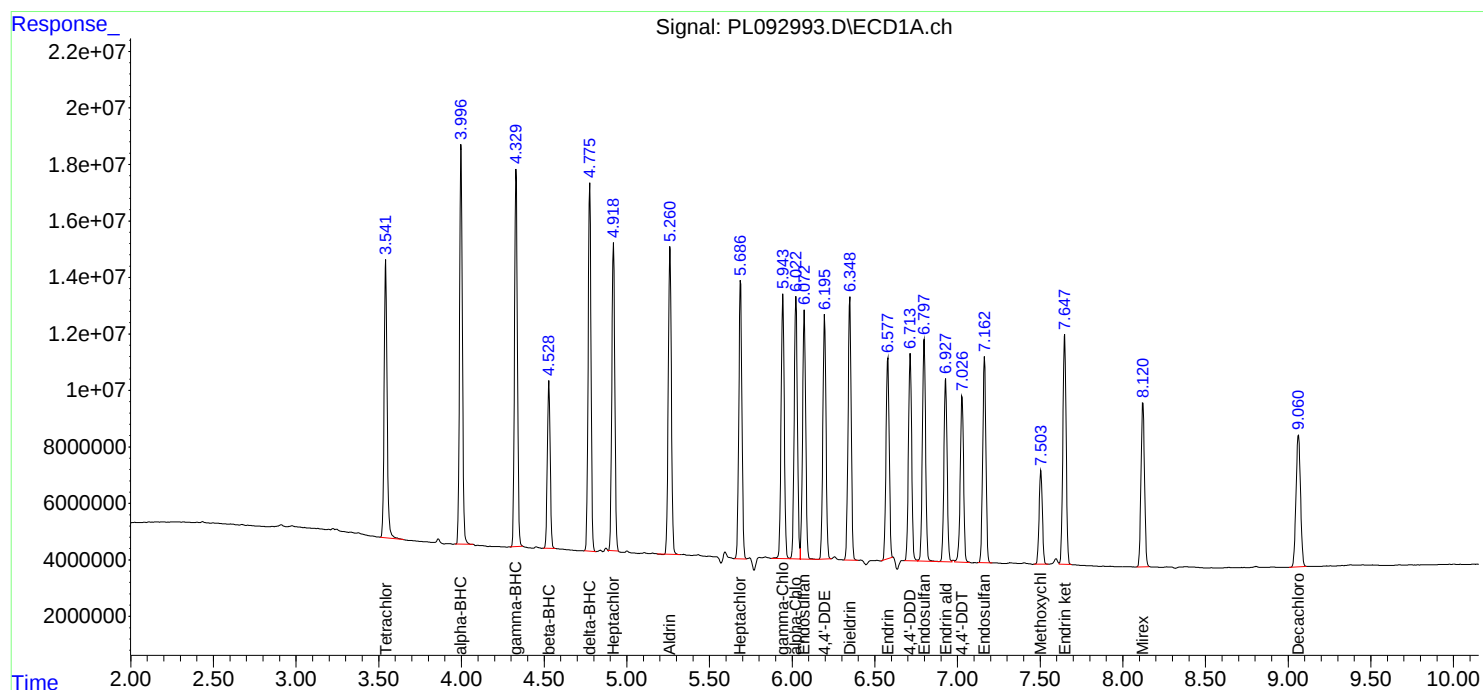
APPROVED

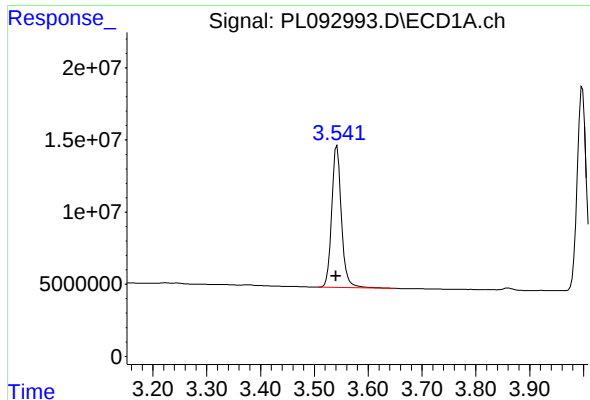
Reviewed By :Abdul Mirza 11/12/2024

Supervised By :Ankita Jodhani 11/12/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 01:09:45 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
Quant Title : GC Extractables
QLast Update : Mon Oct 28 18:58:23 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





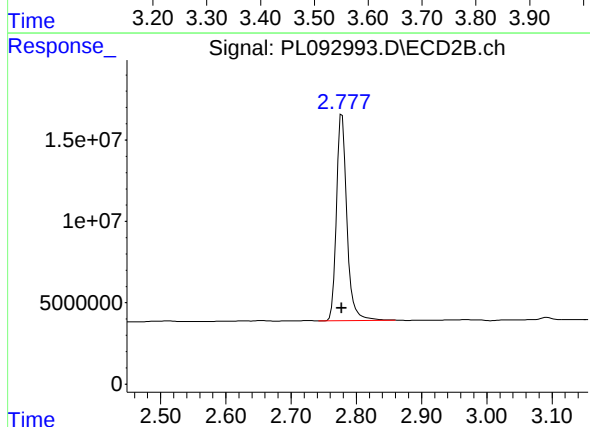
#1 Tetrachloro-m-xylene

R.T.: 3.542 min
Delta R.T.: 0.002 min
Response: 123058592
Conc: 50.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

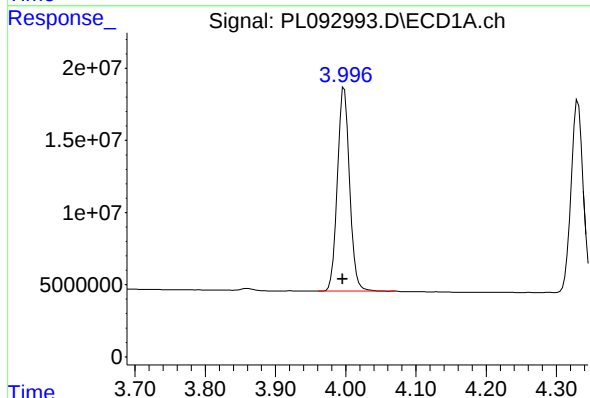
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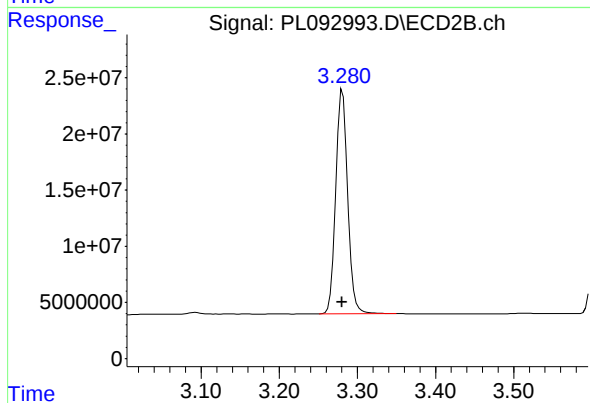
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 140743349
Conc: 51.72 ng/ml



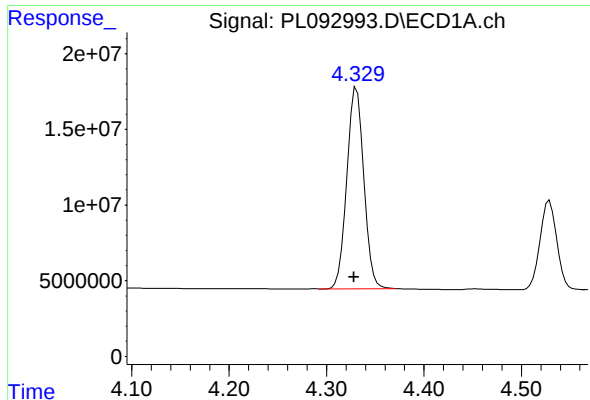
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: 0.002 min
Response: 169610194
Conc: 50.01 ng/ml



#2 alpha-BHC

R.T.: 3.281 min
Delta R.T.: 0.000 min
Response: 211117098
Conc: 52.91 ng/ml



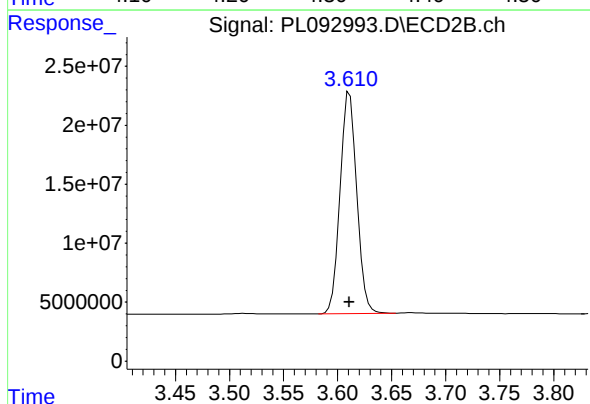
#3 gamma-BHC (Lindane)

R.T.: 4.331 min
Delta R.T.: 0.003 min
Response: 160877768
Conc: 49.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

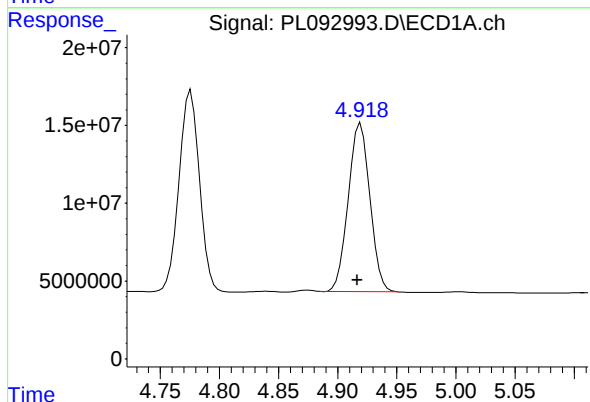
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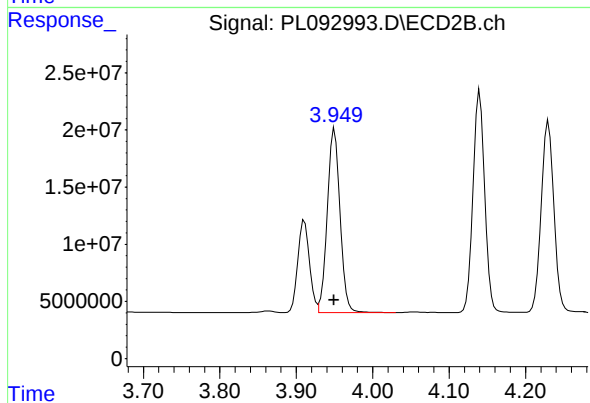
#3 gamma-BHC (Lindane)

R.T.: 3.611 min
Delta R.T.: 0.000 min
Response: 202533484
Conc: 52.48 ng/ml



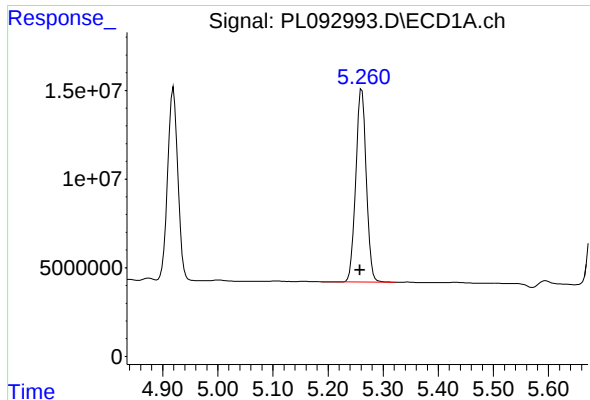
#4 Heptachlor

R.T.: 4.919 min
Delta R.T.: 0.003 min
Response: 137652032
Conc: 45.84 ng/ml



#4 Heptachlor

R.T.: 3.950 min
Delta R.T.: 0.000 min
Response: 185762179
Conc: 49.22 ng/ml



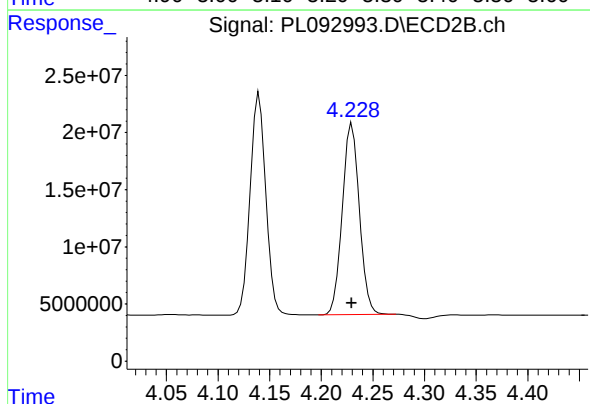
#5 Aldrin

R.T.: 5.261 min
Delta R.T.: 0.003 min
Response: 143692040
Conc: 47.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

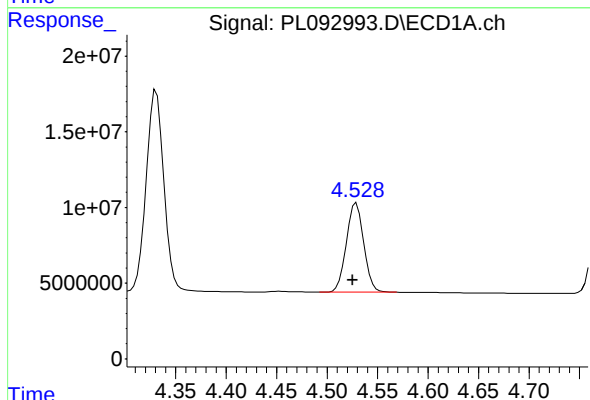
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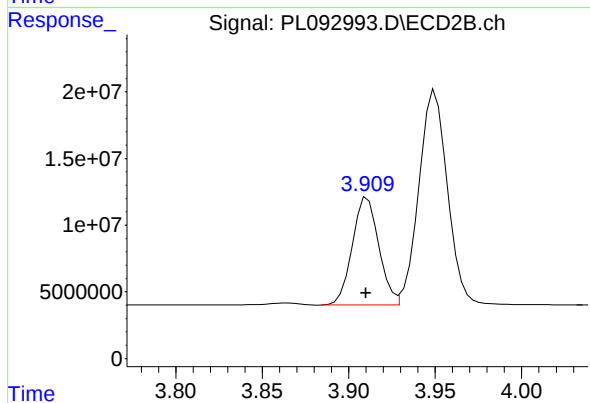
#5 Aldrin

R.T.: 4.230 min
Delta R.T.: 0.000 min
Response: 192932470
Conc: 52.71 ng/ml



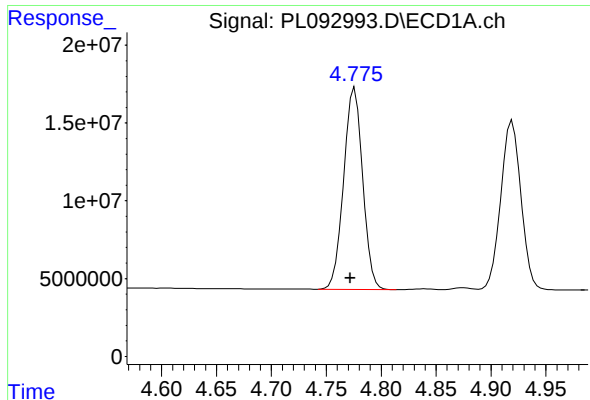
#6 beta-BHC

R.T.: 4.529 min
Delta R.T.: 0.004 min
Response: 70678897
Conc: 48.90 ng/ml



#6 beta-BHC

R.T.: 3.911 min
Delta R.T.: 0.000 min
Response: 85951393
Conc: 52.21 ng/ml



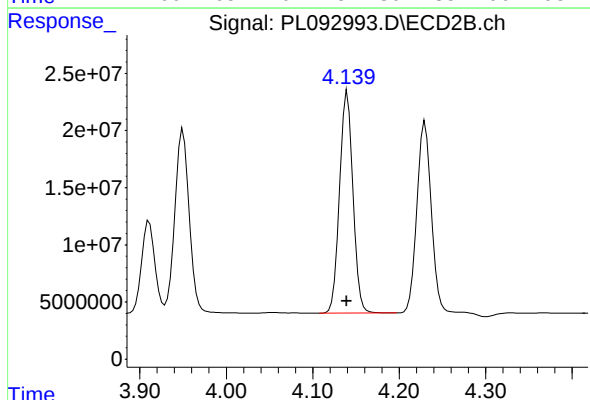
#7 delta-BHC

R.T.: 4.776 min
Delta R.T.: 0.004 min
Response: 155879838
Conc: 49.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

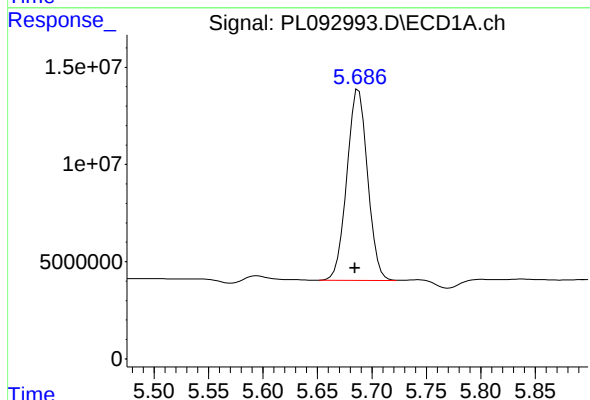
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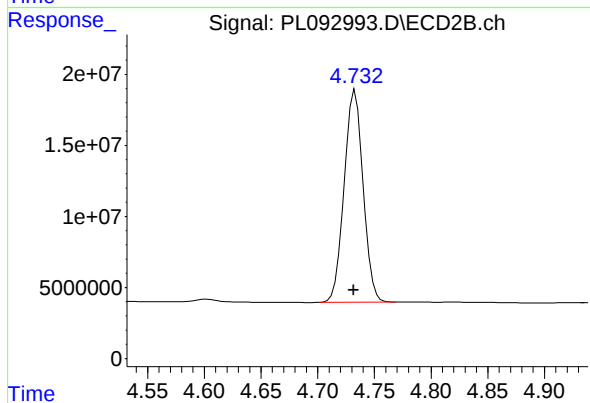
#7 delta-BHC

R.T.: 4.140 min
Delta R.T.: 0.000 min
Response: 205823501
Conc: 53.56 ng/ml



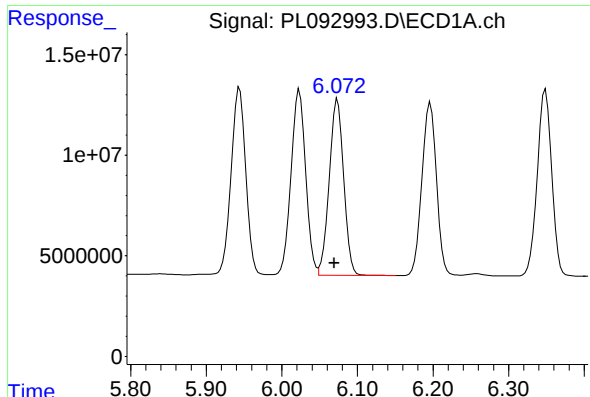
#8 Heptachlor epoxide

R.T.: 5.686 min
Delta R.T.: 0.002 min
Response: 130067826
Conc: 47.10 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.733 min
Delta R.T.: 0.001 min
Response: 173055850
Conc: 51.79 ng/ml



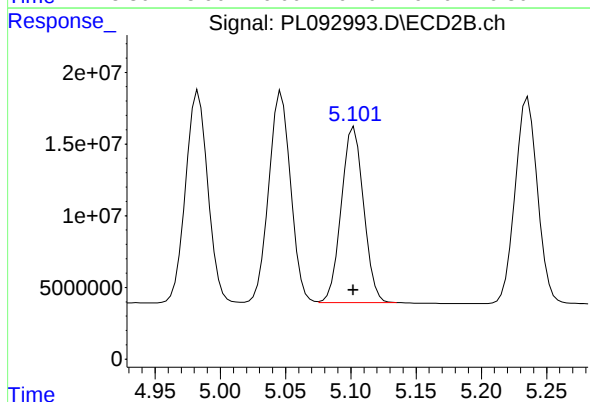
#9 Endosulfan I

R.T.: 6.074 min
Delta R.T.: 0.004 min
Response: 117033216
Conc: 46.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

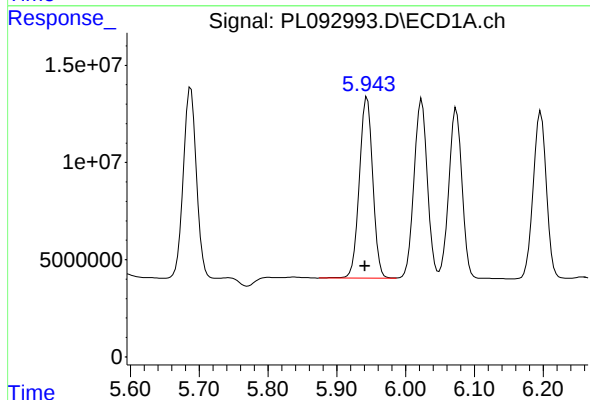
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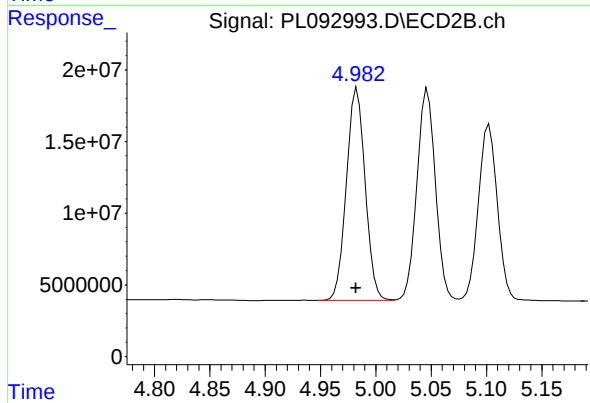
#9 Endosulfan I

R.T.: 5.102 min
Delta R.T.: 0.000 min
Response: 145617065
Conc: 47.69 ng/ml



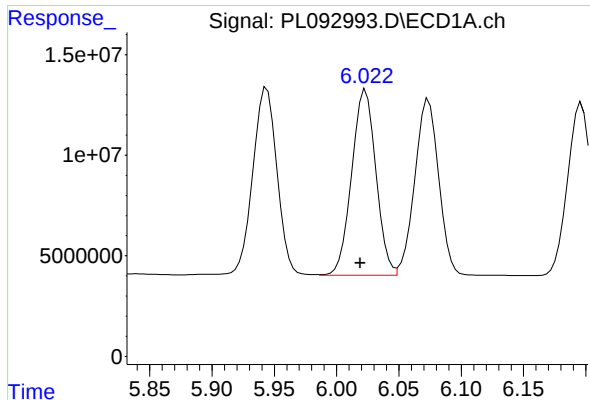
#10 gamma-Chlordane

R.T.: 5.944 min
Delta R.T.: 0.003 min
Response: 126506645
Conc: 47.55 ng/ml



#10 gamma-Chlordane

R.T.: 4.983 min
Delta R.T.: 0.001 min
Response: 175246541
Conc: 52.13 ng/ml



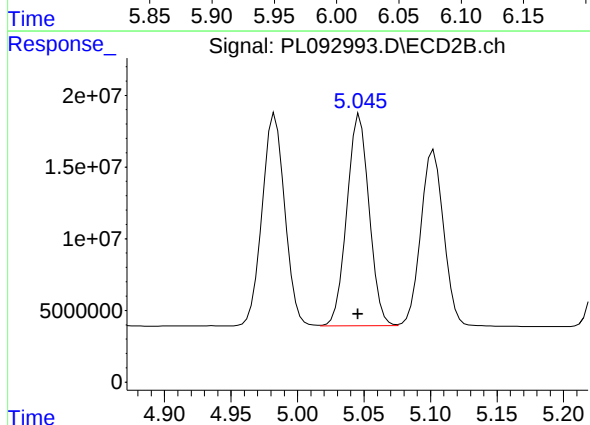
#11 alpha-Chlordane

R.T.: 6.023 min
Delta R.T.: 0.004 min
Response: 124631999
Conc: 47.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

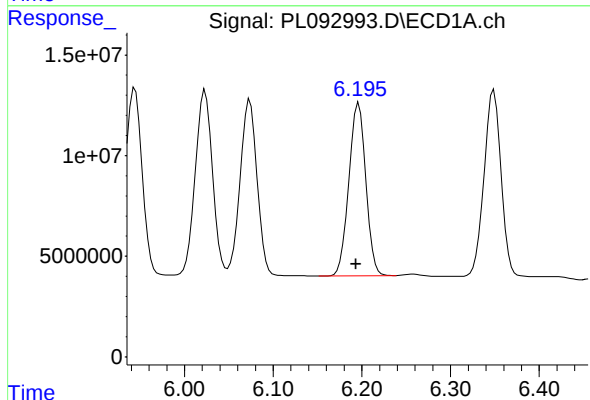
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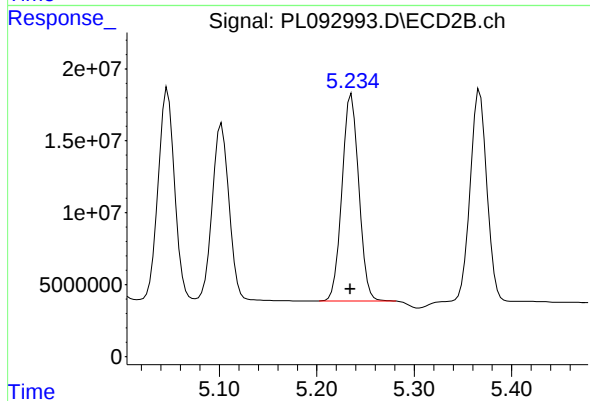
#11 alpha-Chlordane

R.T.: 5.047 min
Delta R.T.: 0.001 min
Response: 172081586
Conc: 51.74 ng/ml



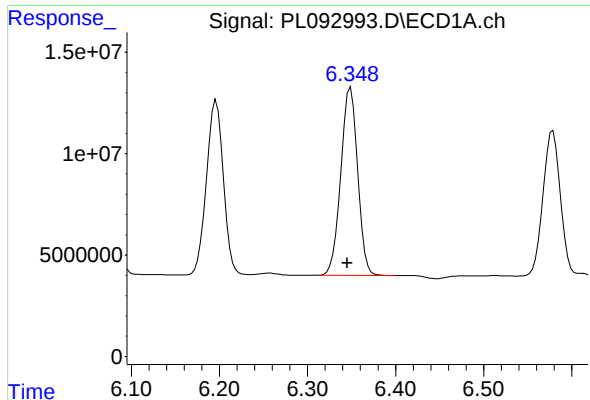
#12 4,4'-DDE

R.T.: 6.196 min
Delta R.T.: 0.003 min
Response: 114337805
Conc: 48.26 ng/ml



#12 4,4'-DDE

R.T.: 5.236 min
Delta R.T.: 0.001 min
Response: 172287560
Conc: 53.48 ng/ml



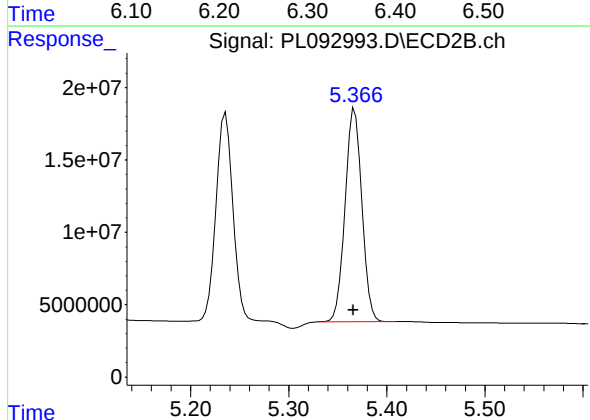
#13 Dieldrin

R.T.: 6.349 min
Delta R.T.: 0.004 min
Response: 123402239
Conc: 46.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

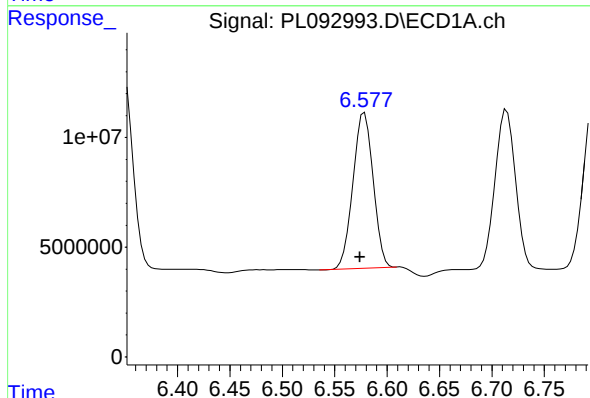
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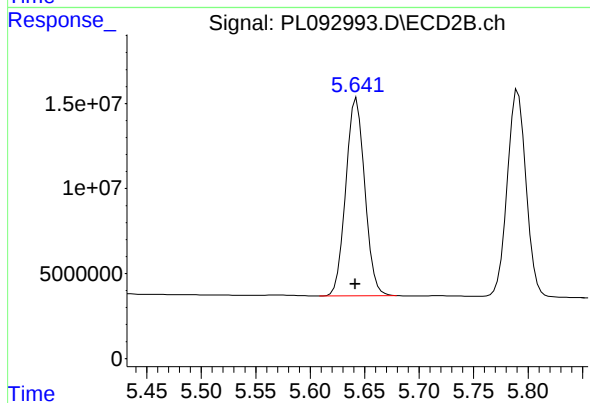
#13 Dieldrin

R.T.: 5.367 min
Delta R.T.: 0.001 min
Response: 175347659
Conc: 52.49 ng/ml



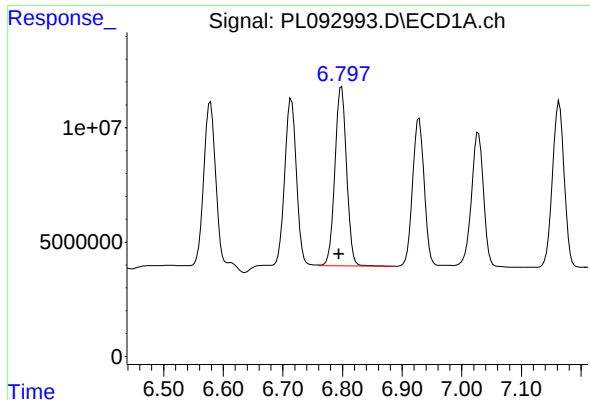
#14 Endrin

R.T.: 6.579 min
Delta R.T.: 0.004 min
Response: 95665938
Conc: 42.02 ng/ml



#14 Endrin

R.T.: 5.643 min
Delta R.T.: 0.001 min
Response: 140666294
Conc: 48.62 ng/ml



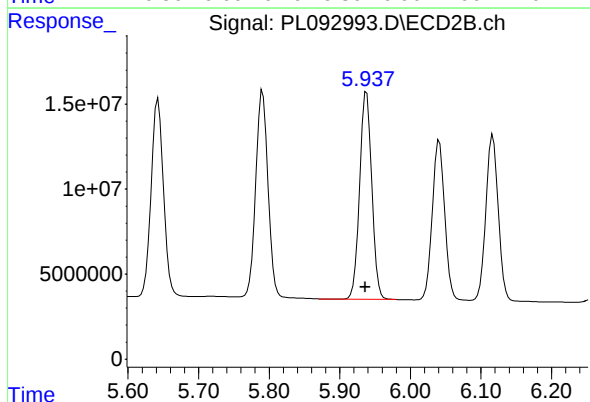
#15 Endosulfan II

R.T.: 6.798 min
Delta R.T.: 0.004 min
Response: 107119045
Conc: 44.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

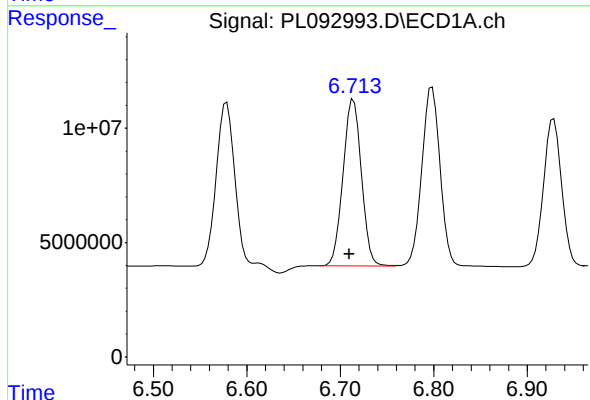
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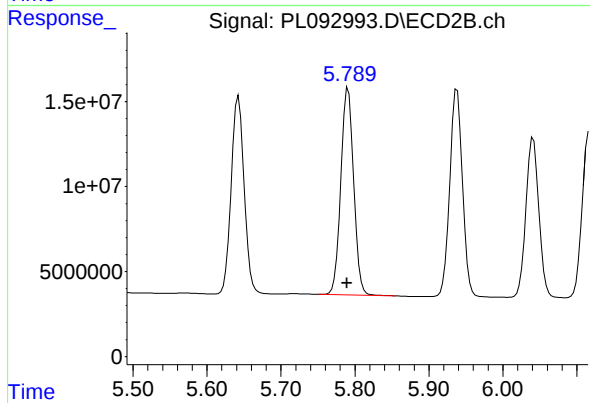
#15 Endosulfan II

R.T.: 5.938 min
Delta R.T.: 0.002 min
Response: 146355113
Conc: 51.66 ng/ml



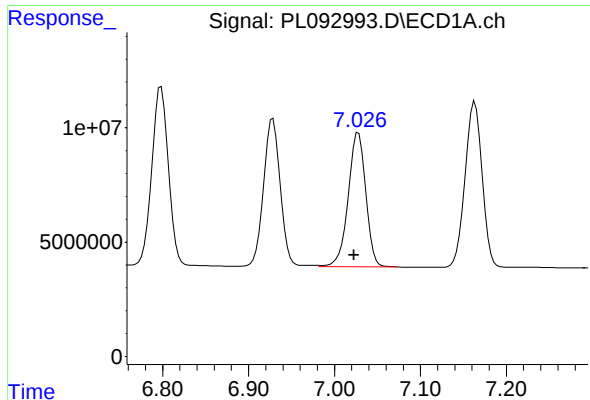
#16 4,4'-DDD

R.T.: 6.714 min
Delta R.T.: 0.005 min
Response: 99850229
Conc: 52.02 ng/ml



#16 4,4'-DDD

R.T.: 5.791 min
Delta R.T.: 0.002 min
Response: 146284428
Conc: 58.75 ng/ml



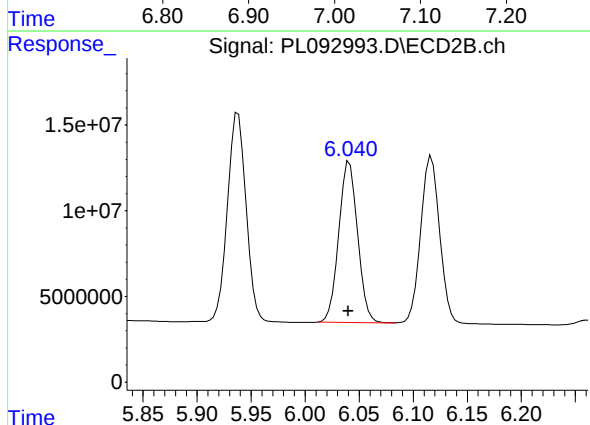
#17 4,4'-DDT

R.T.: 7.026 min
Delta R.T.: 0.004 min
Response: 83093040
Conc: 40.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

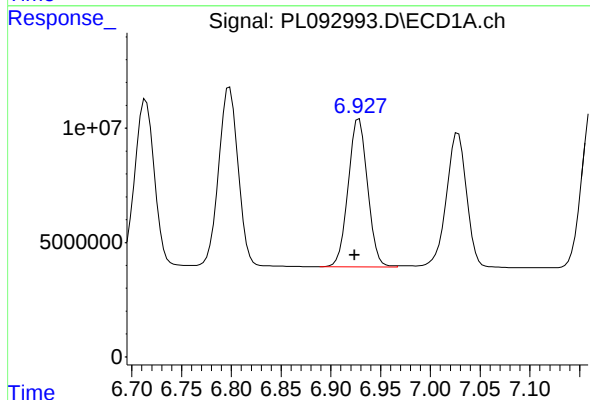
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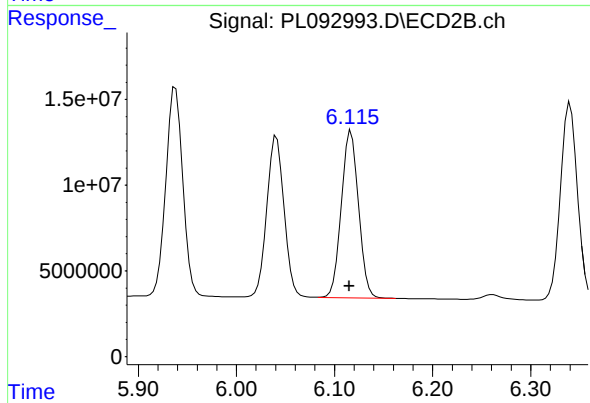
#17 4,4'-DDT

R.T.: 6.041 min
Delta R.T.: 0.001 min
Response: 114095291
Conc: 42.54 ng/ml



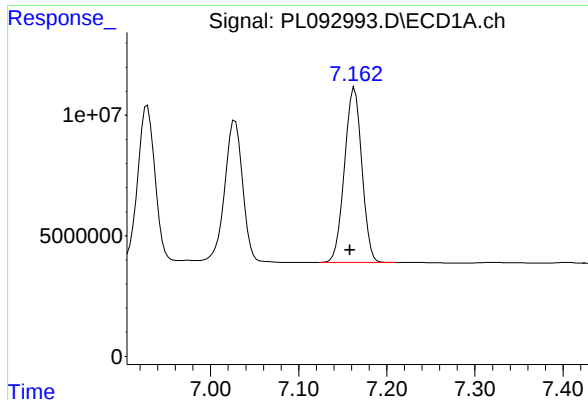
#18 Endrin aldehyde

R.T.: 6.928 min
Delta R.T.: 0.004 min
Response: 87754026
Conc: 46.73 ng/ml



#18 Endrin aldehyde

R.T.: 6.117 min
Delta R.T.: 0.002 min
Response: 118929885
Conc: 51.55 ng/ml



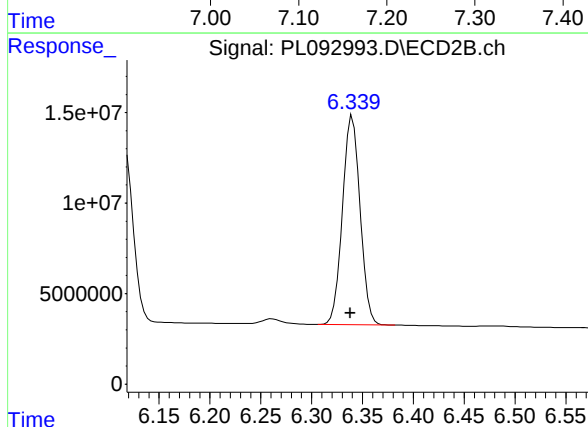
#19 Endosulfan Sulfate

R.T.: 7.163 min
Delta R.T.: 0.005 min
Response: 99207156
Conc: 45.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

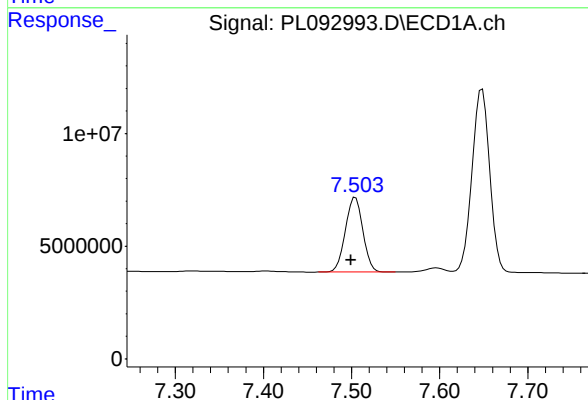
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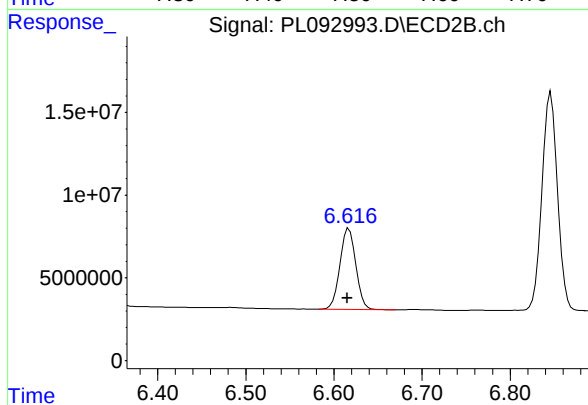
#19 Endosulfan Sulfate

R.T.: 6.340 min
Delta R.T.: 0.002 min
Response: 139096711
Conc: 51.58 ng/ml



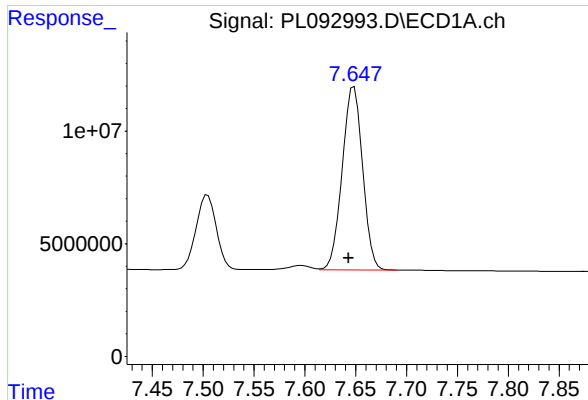
#20 Methoxychlor

R.T.: 7.504 min
Delta R.T.: 0.005 min
Response: 45835568
Conc: 40.21 ng/ml



#20 Methoxychlor

R.T.: 6.617 min
Delta R.T.: 0.002 min
Response: 61350259
Conc: 42.96 ng/ml



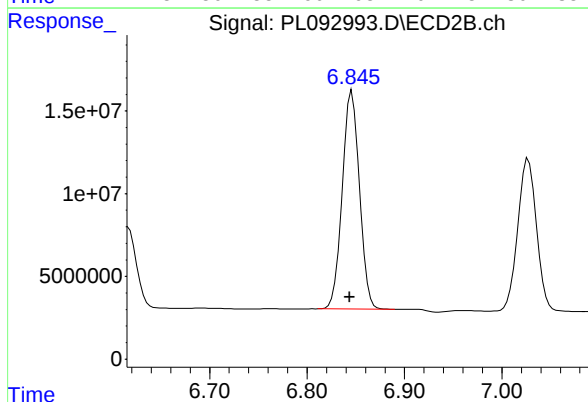
#21 Endrin ketone

R.T.: 7.648 min
Delta R.T.: 0.005 min
Response: 113461693
Conc: 46.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

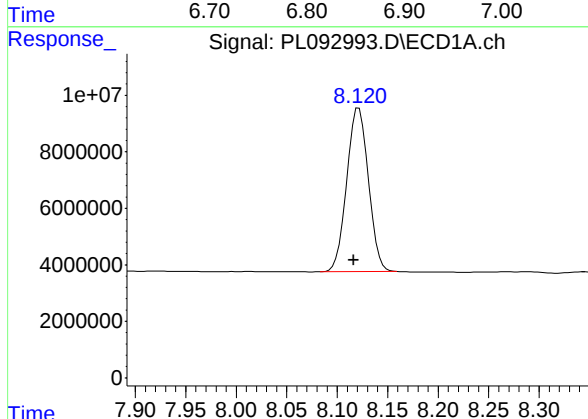
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/12/2024
Supervised By :Ankita Jodhani 11/12/2024



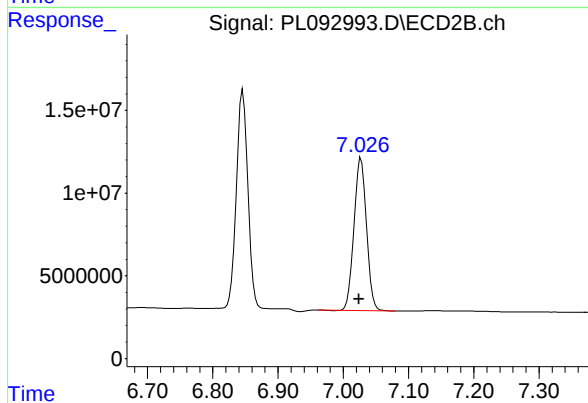
#21 Endrin ketone

R.T.: 6.846 min
Delta R.T.: 0.003 min
Response: 161452146
Conc: 52.61 ng/ml



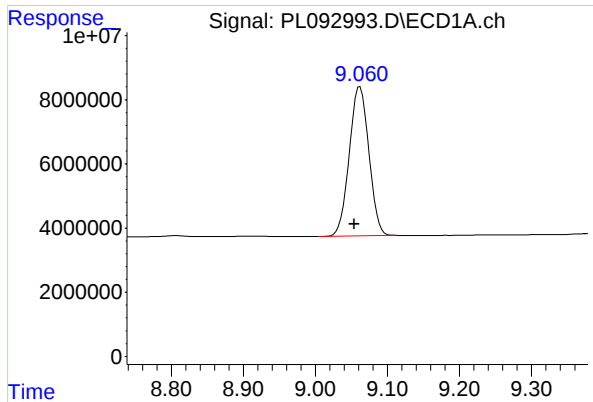
#22 Mirex

R.T.: 8.121 min
Delta R.T.: 0.005 min
Response: 86751231
Conc: 43.78 ng/ml



#22 Mirex

R.T.: 7.027 min
Delta R.T.: 0.003 min
Response: 123219983
Conc: 47.23 ng/ml



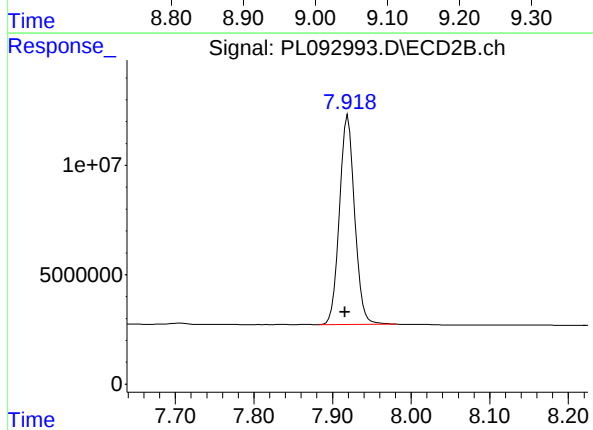
#28 Decachlorobiphenyl

R.T.: 9.062 min
Delta R.T.: 0.008 min
Response: 88021258
Conc: 45.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

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#28 Decachlorobiphenyl

R.T.: 7.920 min
Delta R.T.: 0.004 min
Response: 128259713
Conc: 46.99 ng/ml