

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080624\
 Data File : PL090829.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Aug 2024 18:58
 Operator : AR\AJ
 Sample : PB162522BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB162522BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/07/2024
 Supervised By :Ankita Jodhani 08/07/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 07 02:17:59 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080524.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 06 10:55:36 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...	3.543	2.787	38051230	34409301	19.652m	19.903
28) SA Decachlor...	9.054	7.927	32159324	35688873	22.383	21.381
Target Compounds						
2) A alpha-BHC	4.000	3.288	138.4E6	131.5E6	50.112	53.365m
3) MA gamma-BHC...	4.331	3.620	131.1E6	125.7E6	49.830	53.686
4) MA Heptachlor	4.920	3.960	120.0E6	119.8E6	48.504	51.680
5) MB Aldrin	5.262	4.240	119.4E6	119.0E6	49.666	53.677
6) B beta-BHC	4.527	3.918	61506655	55297972	48.858	51.990
7) B delta-BHC	4.774	4.148	124.4E6	121.2E6	49.695	54.230
8) B Heptachlo...	5.687	4.742	112.3E6	108.8E6	49.404	53.359
9) A Endosulfan I	6.072	5.112	104.2E6	102.0E6	49.719	52.833
10) B gamma-Chl...	5.942	4.992	112.0E6	113.0E6	49.573	52.900
11) B alpha-Chl...	6.022	5.056	111.1E6	112.4E6	49.601	52.694
12) B 4,4'-DDE	6.195	5.245	100.1E6	100.5E6	50.509	53.569
13) MA Dieldrin	6.347	5.375	109.3E6	110.1E6	49.848	53.304m
14) MA Endrin	6.575	5.650	83646043	85503249	45.672m	46.794m
15) B Endosulfa...	6.795	5.944	98078769	96473432	48.909	53.116m
16) A 4,4'-DDD	6.711	5.799	87149352	87695157	52.864	56.515
17) MA 4,4'-DDT	7.024	6.048	80290671	77502979	45.037	46.737m
18) B Endrin al...	6.925	6.124	78405842	77045550	52.061	54.418
19) B Endosulfa...	7.159	6.347	90362307	92500709	50.380	52.988
20) A Methoxychlor	7.499	6.624	41206959	42289595	43.183	45.816
21) B Endrin ke...	7.643	6.853	105.1E6	112.6E6	53.066	56.823
22) Mirex	8.117	7.034	79140267	87524605	50.911	52.119

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080624\
Data File : PL090829.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Aug 2024 18:58
Operator : AR\AJ
Sample : PB162522BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

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Manual Integrations

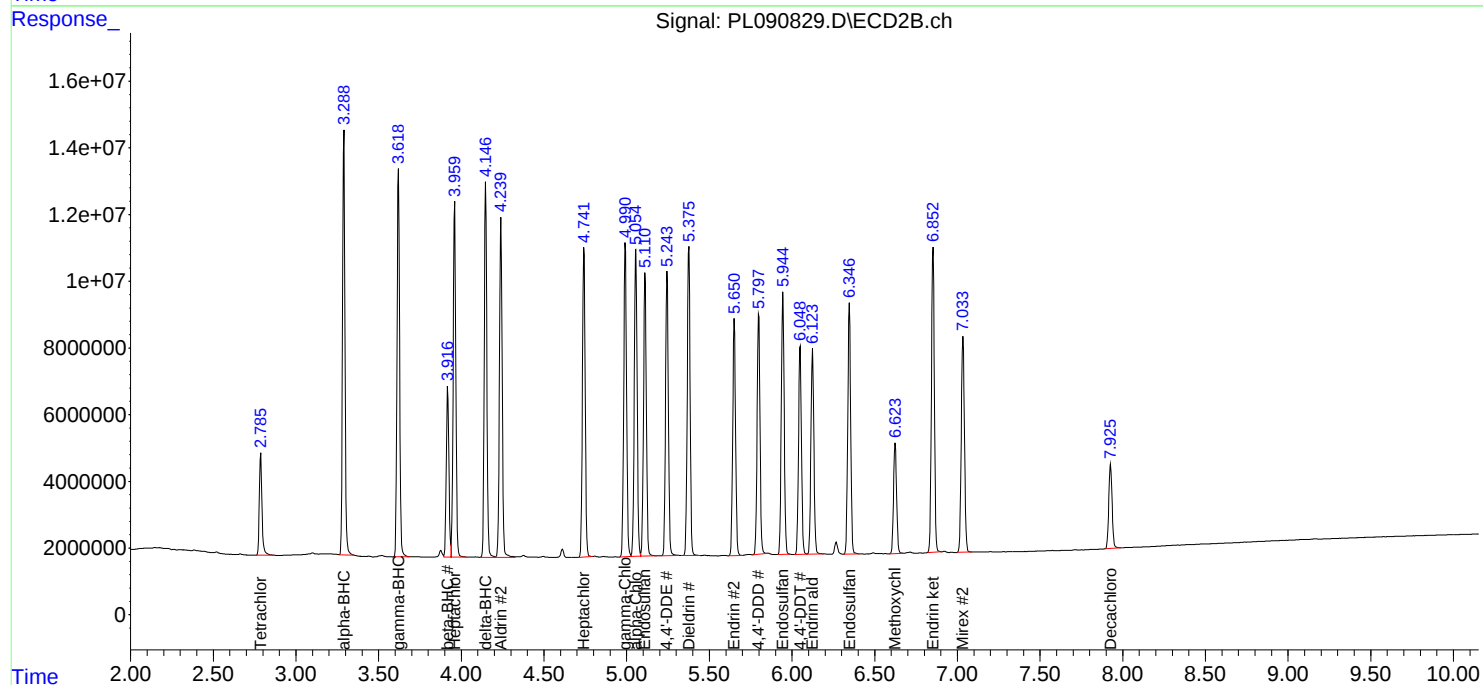
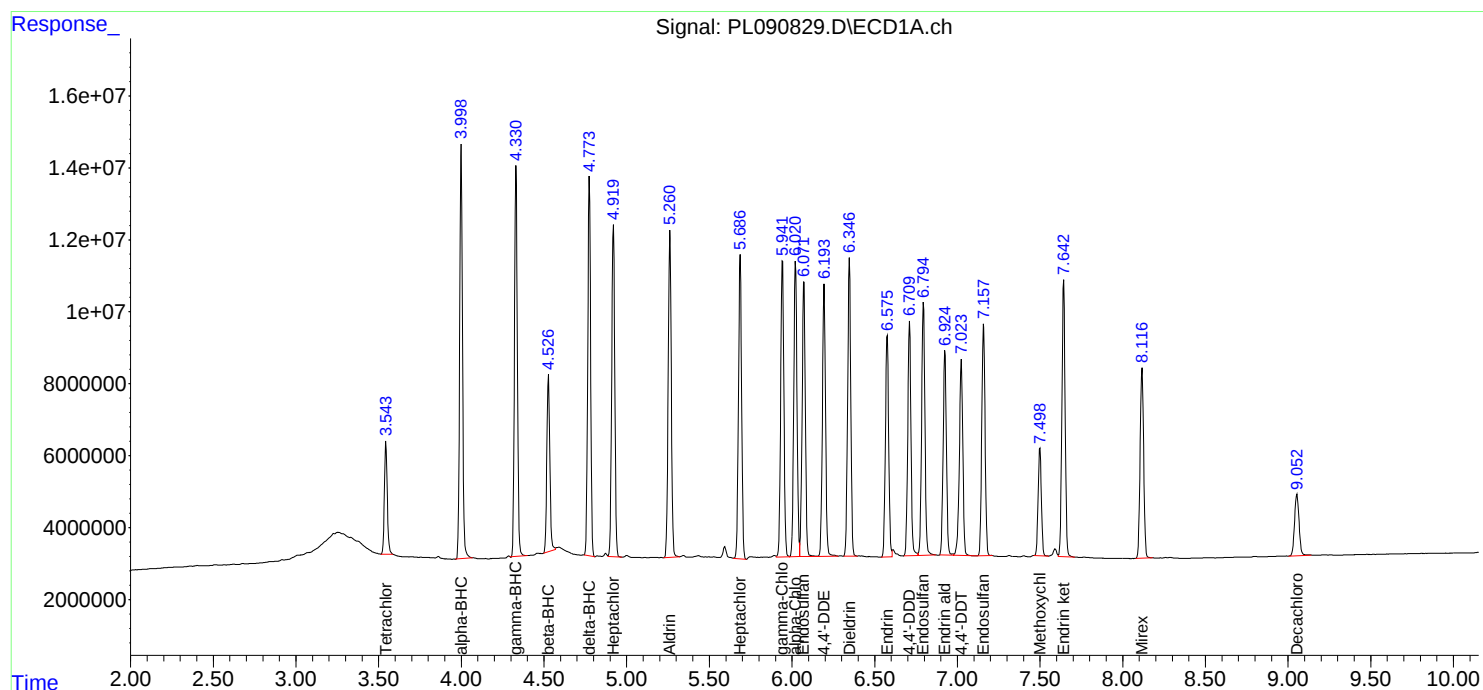
APPROVED

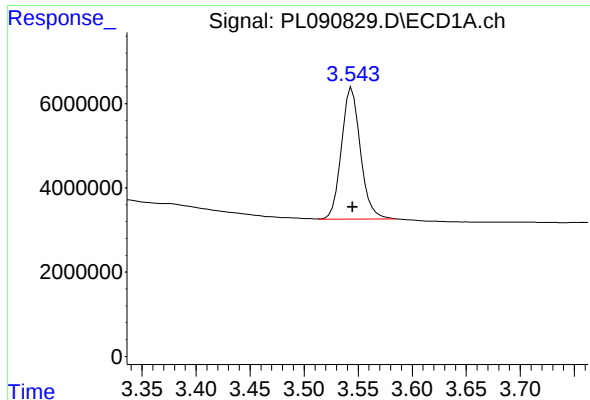
Reviewed By :Abdul Mirza 08/07/2024

Supervised By :Ankita Jodhani 08/07/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 07 02:17:59 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080524.M
Quant Title : GC Extractables
QLast Update : Tue Aug 06 10:55:36 2024
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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





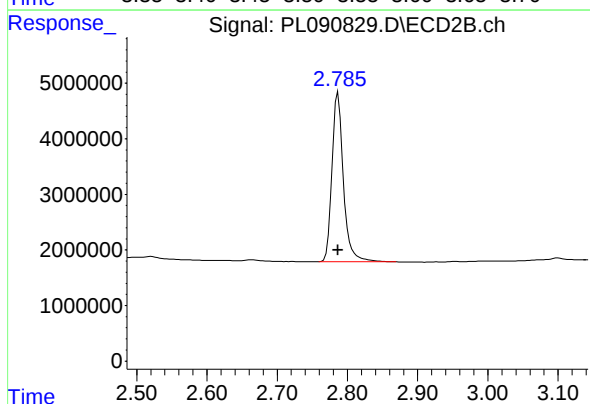
#1 Tetrachloro-m-xylene

R.T.: 3.543 min
Delta R.T.: -0.002 min
Response: 38051230
Conc: 19.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162522BS

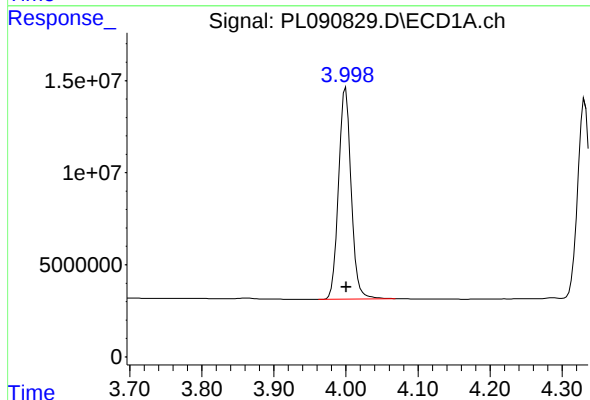
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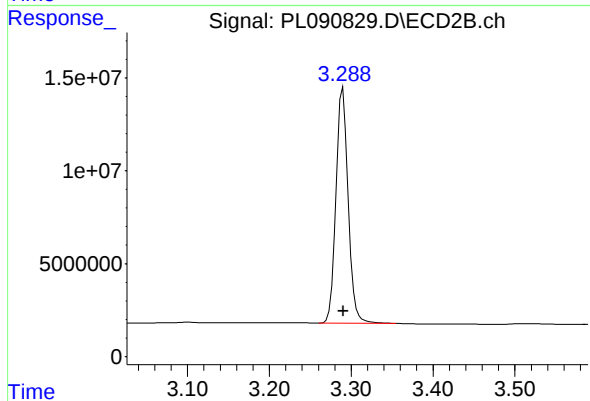
#1 Tetrachloro-m-xylene

R.T.: 2.787 min
Delta R.T.: 0.000 min
Response: 34409301
Conc: 19.90 ng/ml



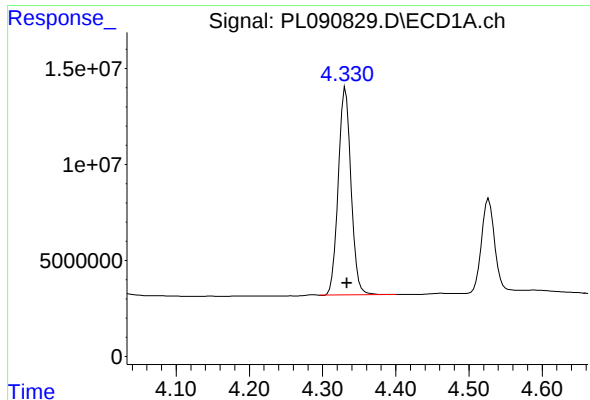
#2 alpha-BHC

R.T.: 4.000 min
Delta R.T.: -0.001 min
Response: 138418696
Conc: 50.11 ng/ml



#2 alpha-BHC

R.T.: 3.288 min
Delta R.T.: -0.002 min
Response: 131462118
Conc: 53.37 ng/ml m



#3 gamma-BHC (Lindane)

R.T.: 4.331 min
Delta R.T.: -0.002 min
Response: 131057861
Conc: 49.83 ng/ml

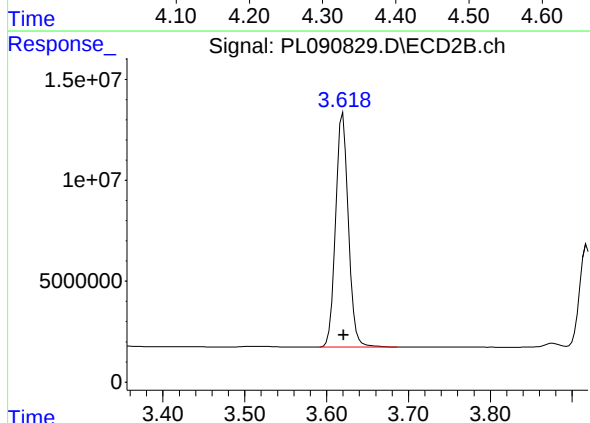
Instrument :

ECD_L

ClientSampleId :
PB162522BS

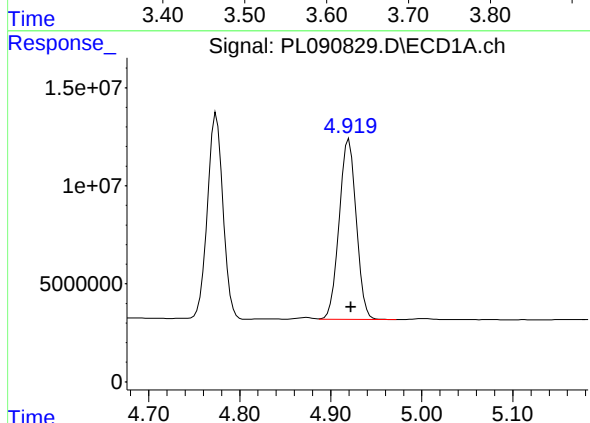
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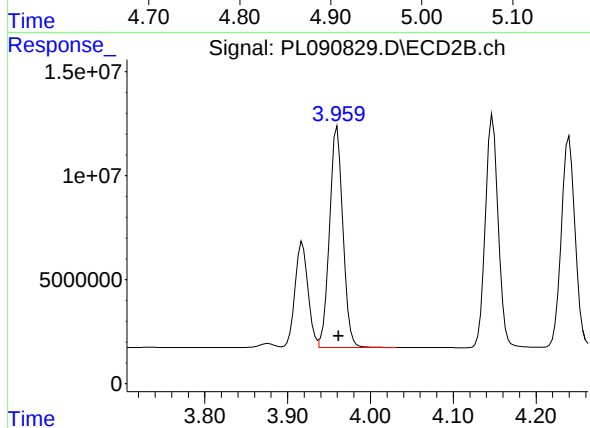
#3 gamma-BHC (Lindane)

R.T.: 3.620 min
Delta R.T.: -0.001 min
Response: 125690909
Conc: 53.69 ng/ml



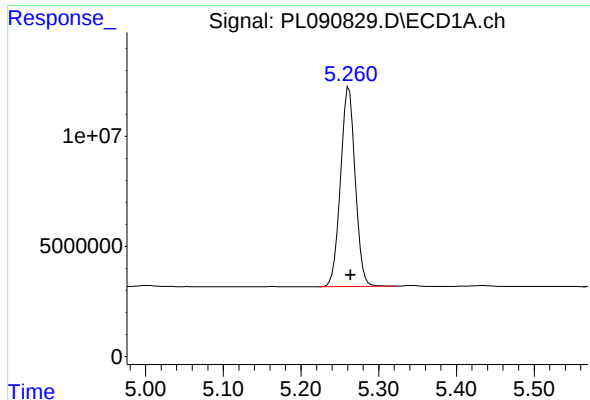
#4 Heptachlor

R.T.: 4.920 min
Delta R.T.: -0.002 min
Response: 119953651
Conc: 48.50 ng/ml



#4 Heptachlor

R.T.: 3.960 min
Delta R.T.: -0.001 min
Response: 119822512
Conc: 51.68 ng/ml



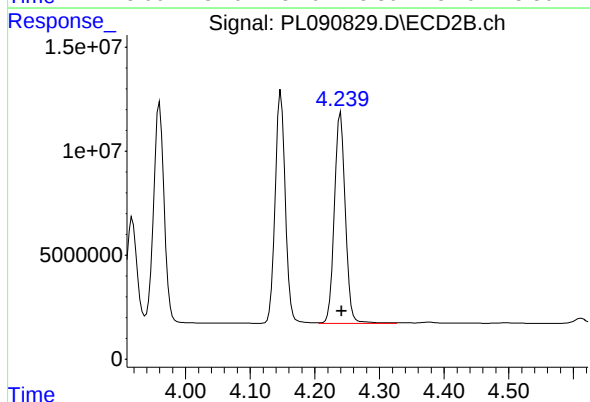
#5 Aldrin

R.T.: 5.262 min
Delta R.T.: -0.002 min
Response: 119385686
Conc: 49.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162522BS

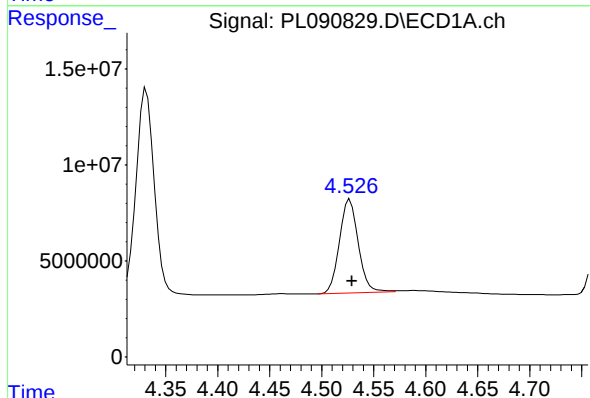
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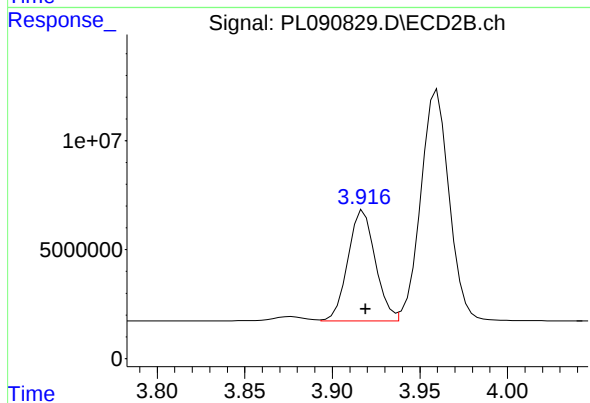
#5 Aldrin

R.T.: 4.240 min
Delta R.T.: -0.002 min
Response: 119007132
Conc: 53.68 ng/ml



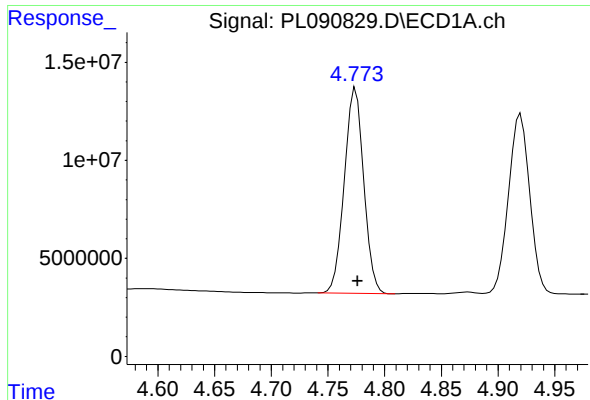
#6 beta-BHC

R.T.: 4.527 min
Delta R.T.: -0.002 min
Response: 61506655
Conc: 48.86 ng/ml



#6 beta-BHC

R.T.: 3.918 min
Delta R.T.: -0.001 min
Response: 55297972
Conc: 51.99 ng/ml



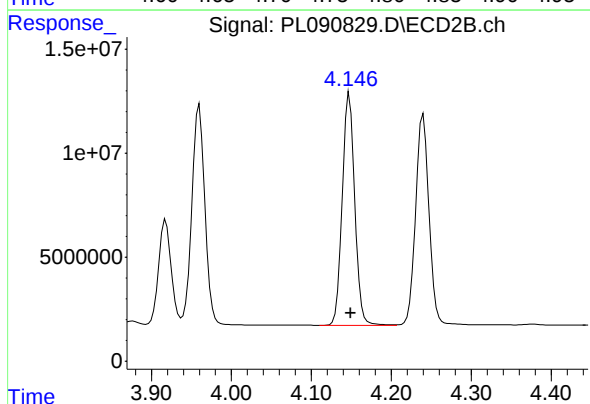
#7 delta-BHC

R.T.: 4.774 min
Delta R.T.: -0.002 min
Response: 124410105
Conc: 49.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162522BS

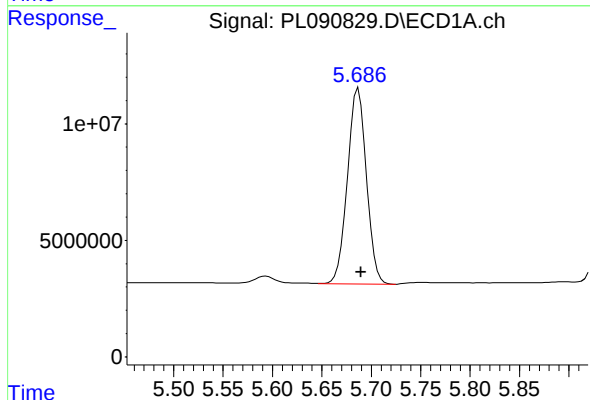
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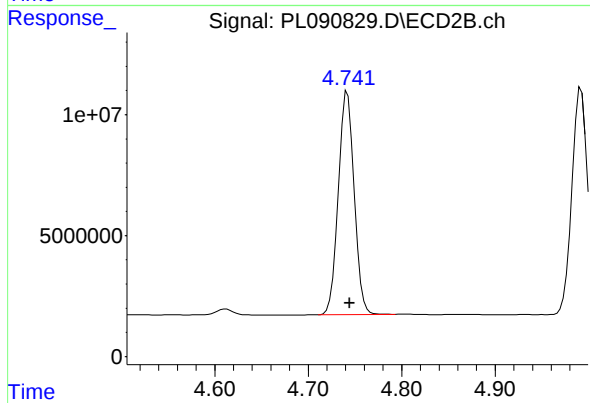
#7 delta-BHC

R.T.: 4.148 min
Delta R.T.: -0.002 min
Response: 121192934
Conc: 54.23 ng/ml



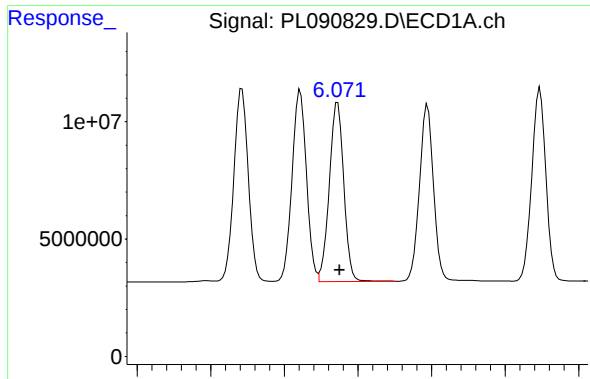
#8 Heptachlor epoxide

R.T.: 5.687 min
Delta R.T.: -0.003 min
Response: 112268988
Conc: 49.40 ng/ml



#8 Heptachlor epoxide

R.T.: 4.742 min
Delta R.T.: -0.003 min
Response: 108762318
Conc: 53.36 ng/ml



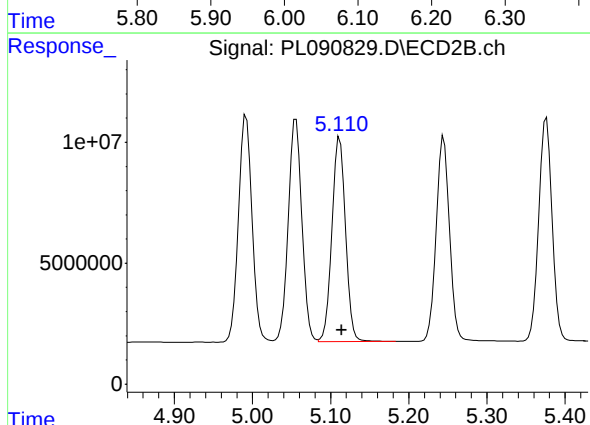
#9 Endosulfan I

R.T.: 6.072 min
Delta R.T.: -0.003 min
Response: 104220008
Conc: 49.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162522BS

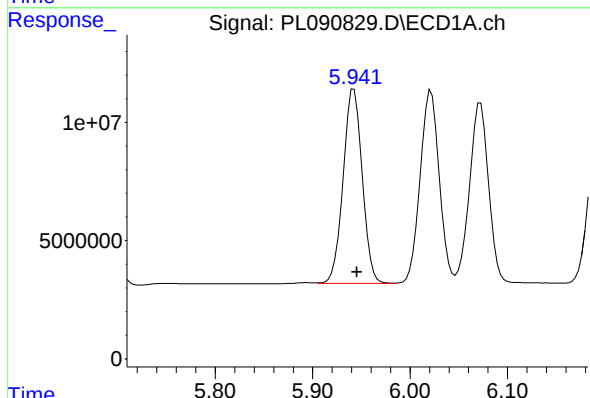
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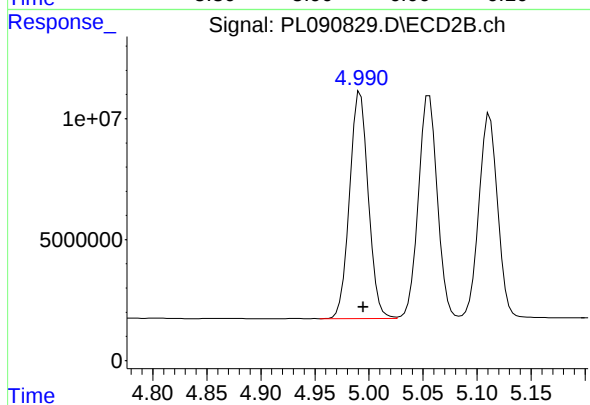
#9 Endosulfan I

R.T.: 5.112 min
Delta R.T.: -0.003 min
Response: 102023877
Conc: 52.83 ng/ml



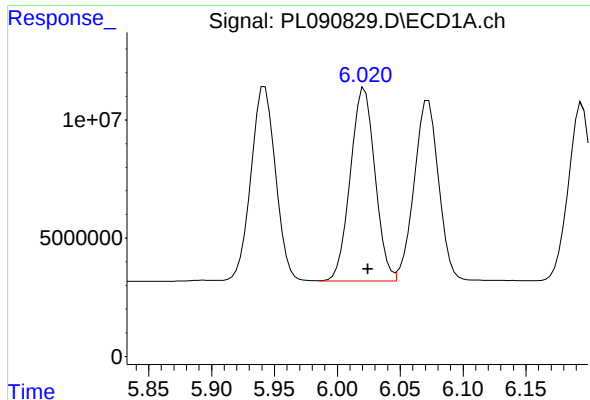
#10 gamma-Chlordane

R.T.: 5.942 min
Delta R.T.: -0.003 min
Response: 112012300
Conc: 49.57 ng/ml



#10 gamma-Chlordane

R.T.: 4.992 min
Delta R.T.: -0.003 min
Response: 112973527
Conc: 52.90 ng/ml



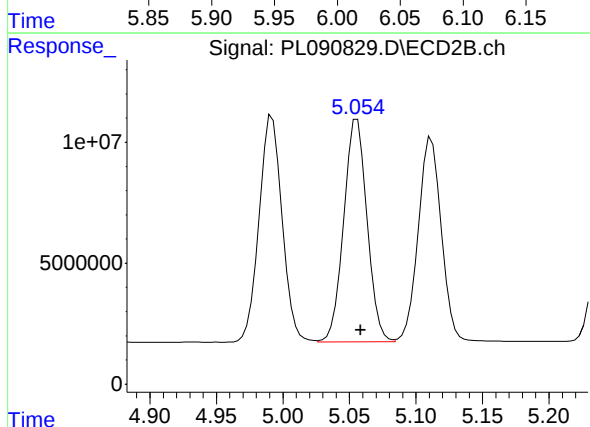
#11 alpha-Chlordane

R.T.: 6.022 min
Delta R.T.: -0.003 min
Response: 111084816
Conc: 49.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162522BS

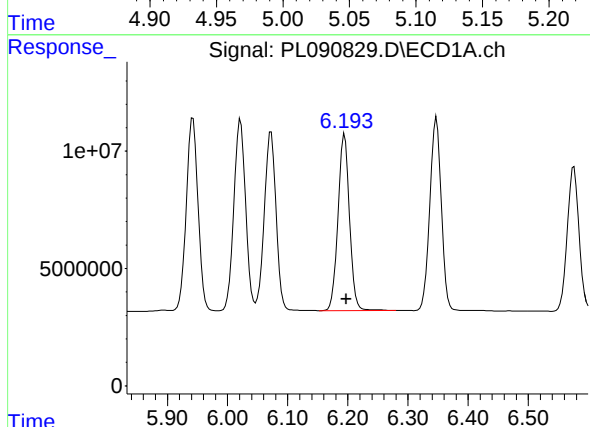
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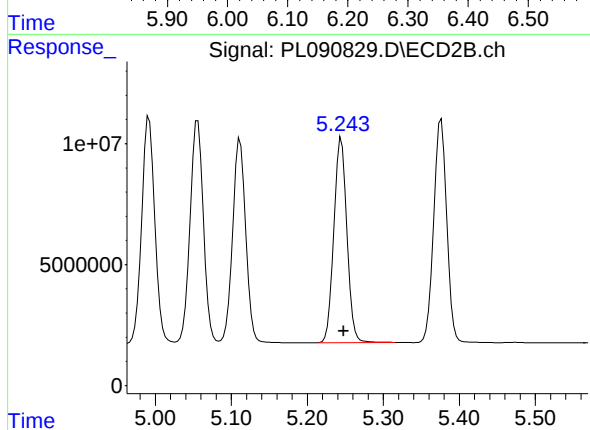
#11 alpha-Chlordane

R.T.: 5.056 min
Delta R.T.: -0.003 min
Response: 112427039
Conc: 52.69 ng/ml



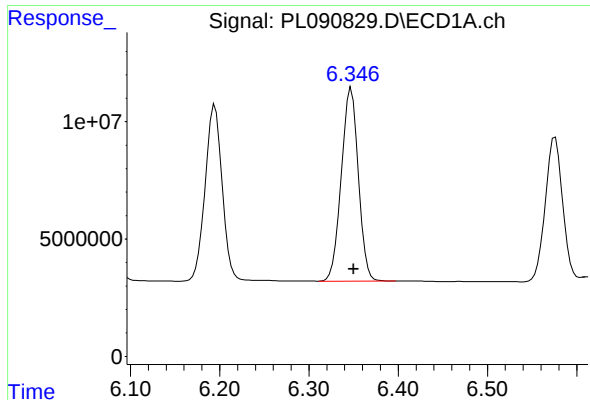
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: -0.003 min
Response: 100127253
Conc: 50.51 ng/ml



#12 4,4'-DDE

R.T.: 5.245 min
Delta R.T.: -0.003 min
Response: 100489358
Conc: 53.57 ng/ml



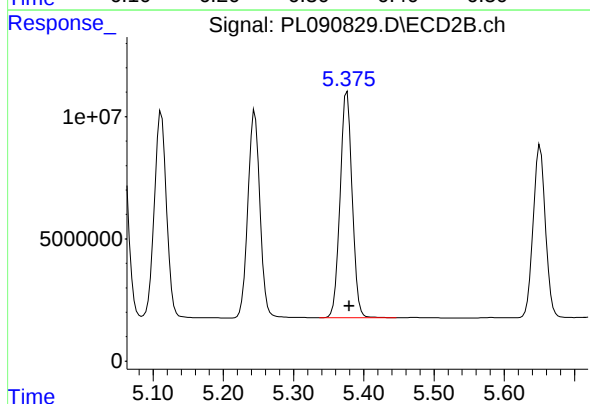
#13 Dieldrin

R.T.: 6.347 min
Delta R.T.: -0.003 min
Response: 109333824
Conc: 49.85 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PB162522BS

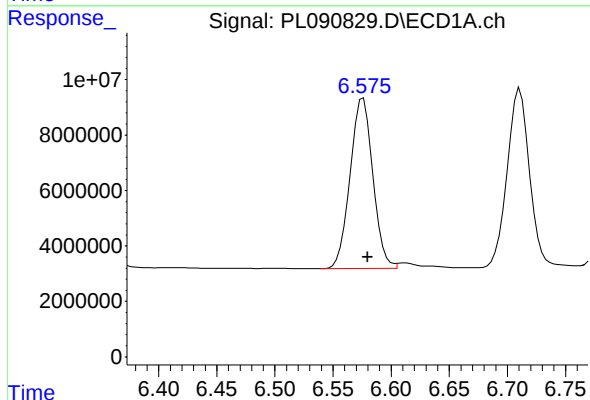
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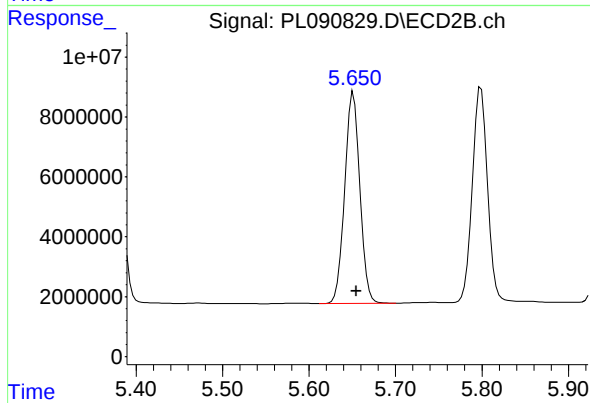
#13 Dieldrin

R.T.: 5.375 min
Delta R.T.: -0.004 min
Response: 110059392
Conc: 53.30 ng/ml m



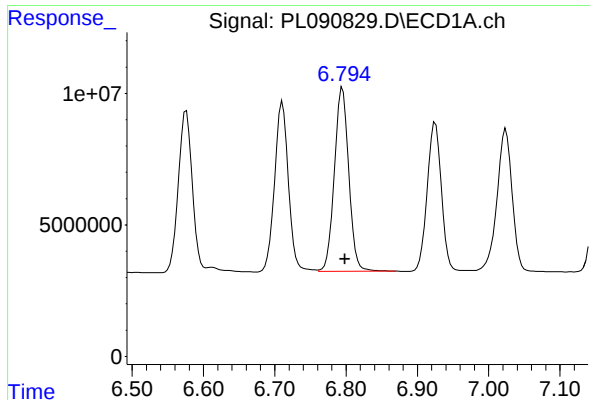
#14 Endrin

R.T.: 6.575 min
Delta R.T.: -0.005 min
Response: 83646043
Conc: 45.67 ng/ml m



#14 Endrin

R.T.: 5.650 min
Delta R.T.: -0.005 min
Response: 85503249
Conc: 46.79 ng/ml m



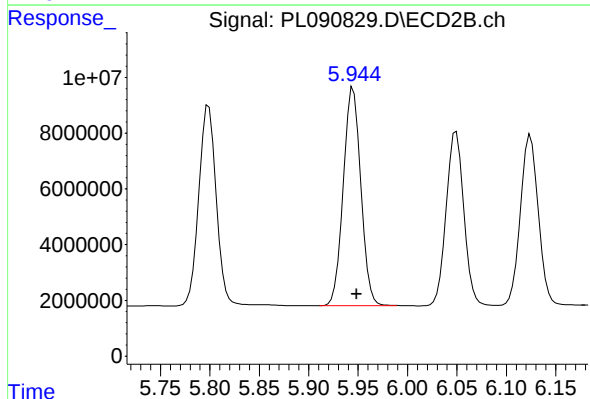
#15 Endosulfan II

R.T.: 6.795 min
Delta R.T.: -0.004 min
Response: 98078769
Conc: 48.91 ng/ml

Instrument :
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ClientSampleId :
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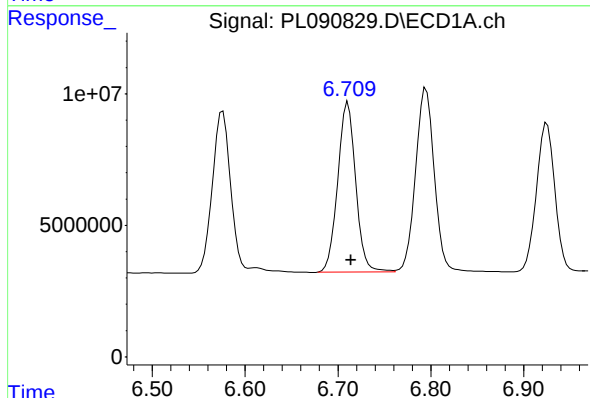
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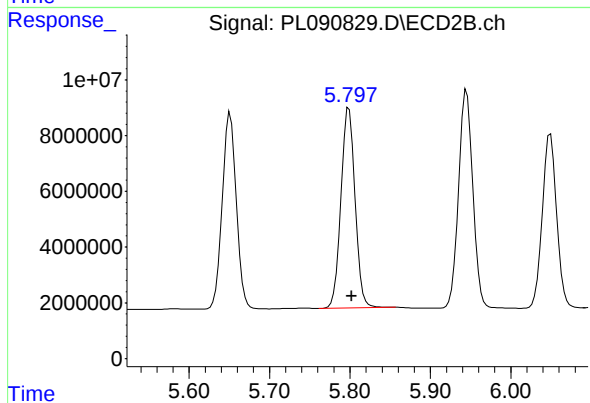
#15 Endosulfan II

R.T.: 5.944 min
Delta R.T.: -0.005 min
Response: 96473432
Conc: 53.12 ng/ml m



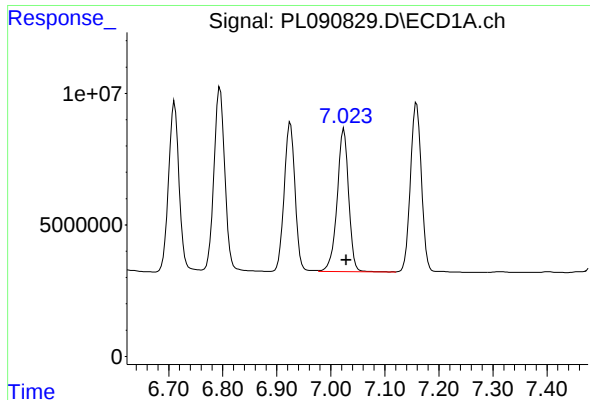
#16 4,4'-DDD

R.T.: 6.711 min
Delta R.T.: -0.003 min
Response: 87149352
Conc: 52.86 ng/ml



#16 4,4'-DDD

R.T.: 5.799 min
Delta R.T.: -0.003 min
Response: 87695157
Conc: 56.52 ng/ml



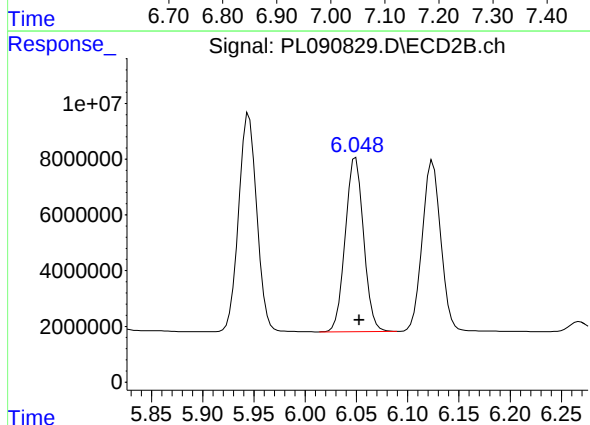
#17 4,4'-DDT

R.T.: 7.024 min
Delta R.T.: -0.004 min
Response: 80290671
Conc: 45.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162522BS

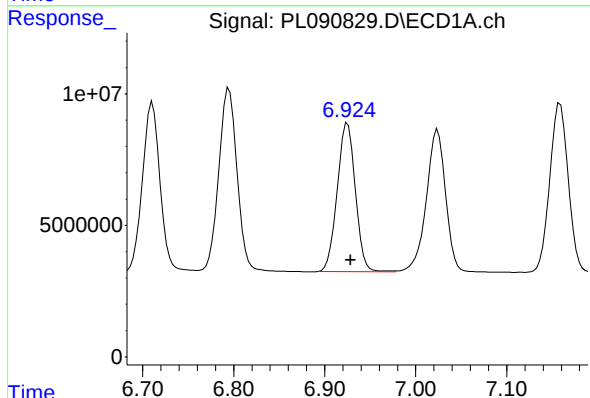
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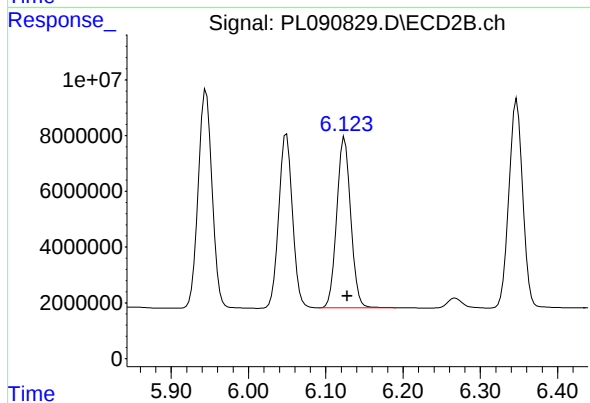
#17 4,4'-DDT

R.T.: 6.048 min
Delta R.T.: -0.005 min
Response: 77502979
Conc: 46.74 ng/ml



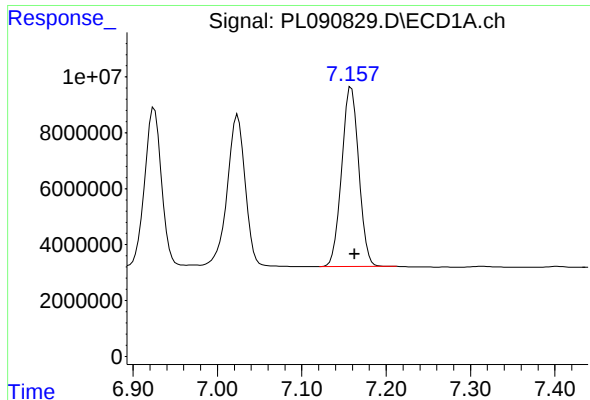
#18 Endrin aldehyde

R.T.: 6.925 min
Delta R.T.: -0.003 min
Response: 78405842
Conc: 52.06 ng/ml



#18 Endrin aldehyde

R.T.: 6.124 min
Delta R.T.: -0.003 min
Response: 77045550
Conc: 54.42 ng/ml



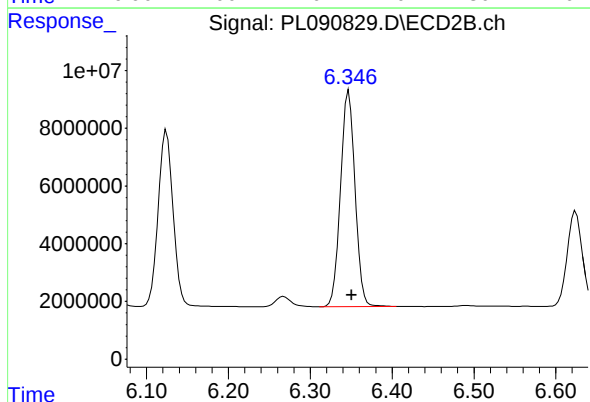
#19 Endosulfan Sulfate

R.T.: 7.159 min
Delta R.T.: -0.004 min
Response: 90362307
Conc: 50.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162522BS

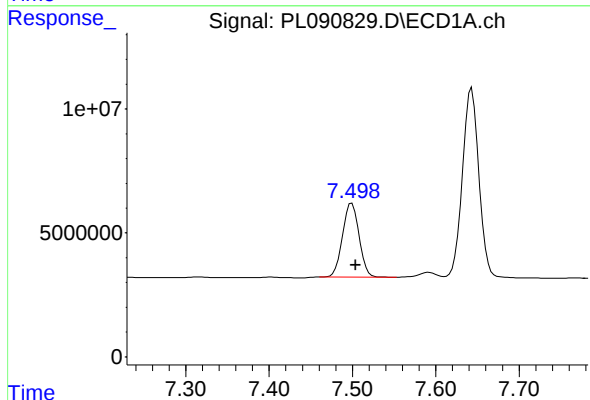
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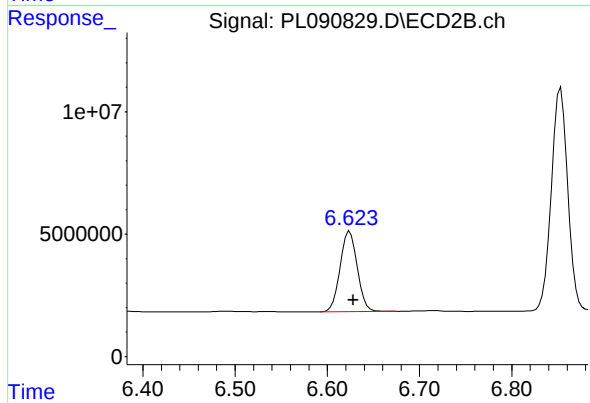
#19 Endosulfan Sulfate

R.T.: 6.347 min
Delta R.T.: -0.004 min
Response: 92500709
Conc: 52.99 ng/ml



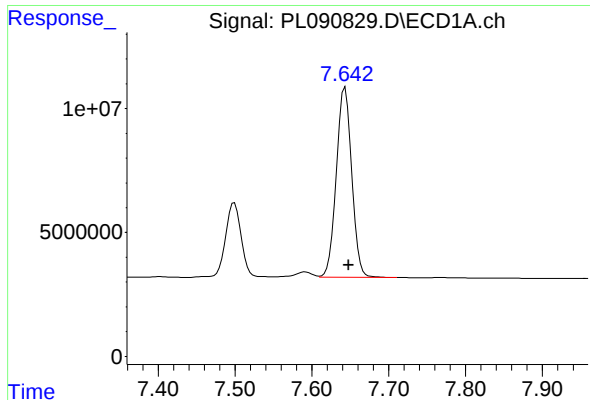
#20 Methoxychlor

R.T.: 7.499 min
Delta R.T.: -0.004 min
Response: 41206959
Conc: 43.18 ng/ml



#20 Methoxychlor

R.T.: 6.624 min
Delta R.T.: -0.004 min
Response: 42289595
Conc: 45.82 ng/ml



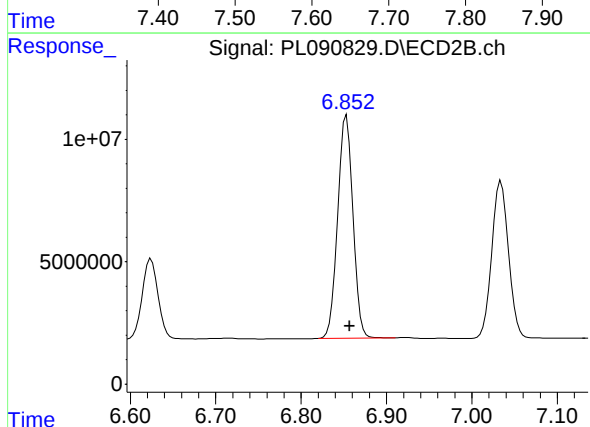
#21 Endrin ketone

R.T.: 7.643 min
Delta R.T.: -0.004 min
Response: 105143096
Conc: 53.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162522BS

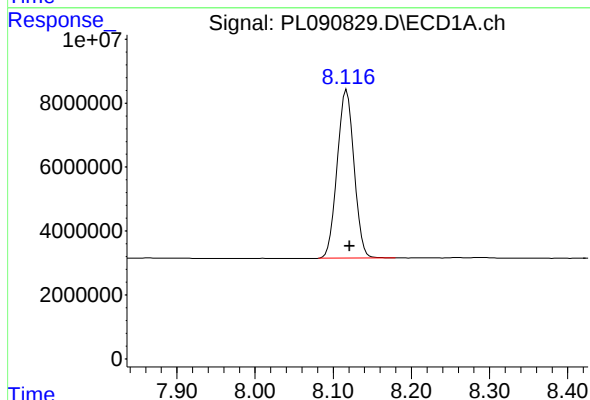
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/07/2024
Supervised By :Ankita Jodhani 08/07/2024



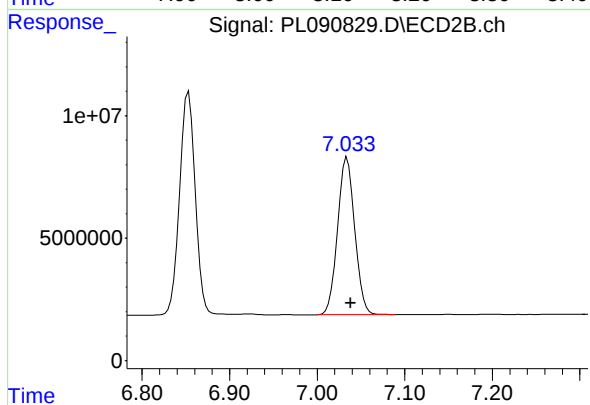
#21 Endrin ketone

R.T.: 6.853 min
Delta R.T.: -0.004 min
Response: 112617947
Conc: 56.82 ng/ml



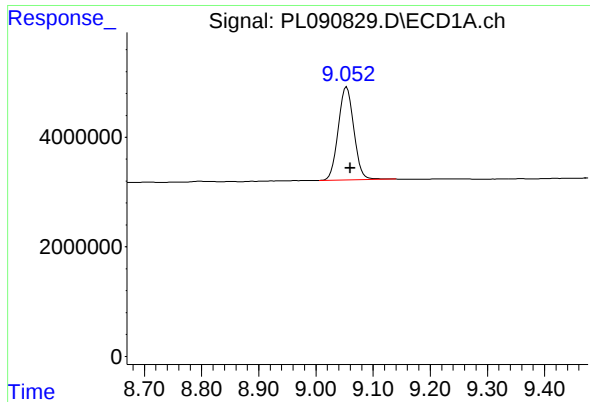
#22 Mirex

R.T.: 8.117 min
Delta R.T.: -0.004 min
Response: 79140267
Conc: 50.91 ng/ml



#22 Mirex

R.T.: 7.034 min
Delta R.T.: -0.004 min
Response: 87524605
Conc: 52.12 ng/ml



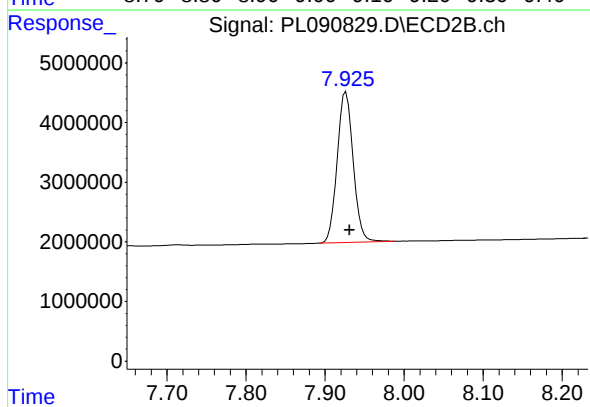
#28 Decachlorobiphenyl

R.T.: 9.054 min
Delta R.T.: -0.007 min
Response: 32159324
Conc: 22.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162522BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/07/2024
Supervised By :Ankita Jodhani 08/07/2024



#28 Decachlorobiphenyl

R.T.: 7.927 min
Delta R.T.: -0.005 min
Response: 35688873
Conc: 21.38 ng/ml