

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL112124\
 Data File : PL093201.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Nov 2024 11:54
 Operator : AR\AJ
 Sample : P4892-03MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 WB-310-BOTMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/22/2024
 Supervised By :Ankita Jodhani 11/22/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 21 23:36:04 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...	3.536	2.774	48585163	49229769	19.829	18.091
28) SA Decachlor...	9.056	7.914	35516318	55620315	18.454	20.379
Target Compounds						
2) A alpha-BHC	3.992	3.277	177.8E6	213.4E6	52.424	53.476
3) MA gamma-BHC...	4.323	3.607	163.8E6	205.6E6	50.240m	53.276
4) MA Heptachlor	4.913	3.945	152.6E6	203.6E6	50.818	53.937
5) MB Aldrin	5.254	4.225	145.0E6	196.5E6	48.308m	53.697
6) B beta-BHC	4.523	3.907	74086122	89185379	51.254	54.175
7) B delta-BHC	4.770	4.135	147.8E6	172.3E6	47.227	44.836
8) B Heptachlo...	5.682	4.728	137.9E6	184.6E6	49.933	55.249
9) A Endosulfan I	6.068	5.098	126.8E6	175.9E6	50.709	57.614
10) B gamma-Chl...	5.938	4.978	135.3E6	195.4E6	50.835	58.112
11) B alpha-Chl...	6.018	5.042	135.1E6	190.8E6	51.004	57.373
12) B 4,4'-DDE	6.191	5.231	124.3E6	189.0E6	52.462	58.659
13) MA Dieldrin	6.343	5.363	135.2E6	193.7E6	51.299	57.983
14) MA Endrin	6.573	5.638	108.3E6	163.6E6	47.565	56.552
15) B Endosulfa...	6.793	5.933	118.7E6	170.1E6	49.779	60.037
16) A 4,4'-DDD	6.709	5.786	101.8E6	154.8E6	53.050	62.159
17) MA 4,4'-DDT	7.023	6.037	103.3E6	147.0E6	49.923	54.794
18) B Endrin al...	6.923	6.113	94313867	131.6E6	50.221	57.048
19) B Endosulfa...	7.158	6.336	105.6E6	151.5E6	48.662	56.192
20) A Methoxychlor	7.500	6.612	52925633	75375961	46.426	52.783
21) B Endrin ke...	7.643	6.841	125.2E6	184.7E6	51.679	60.195
22) Mirex	8.117	7.022	90240941	134.5E6	45.537	51.565

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL112124\
Data File : PL093201.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2024 11:54
Operator : AR\AJ
Sample : P4892-03MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

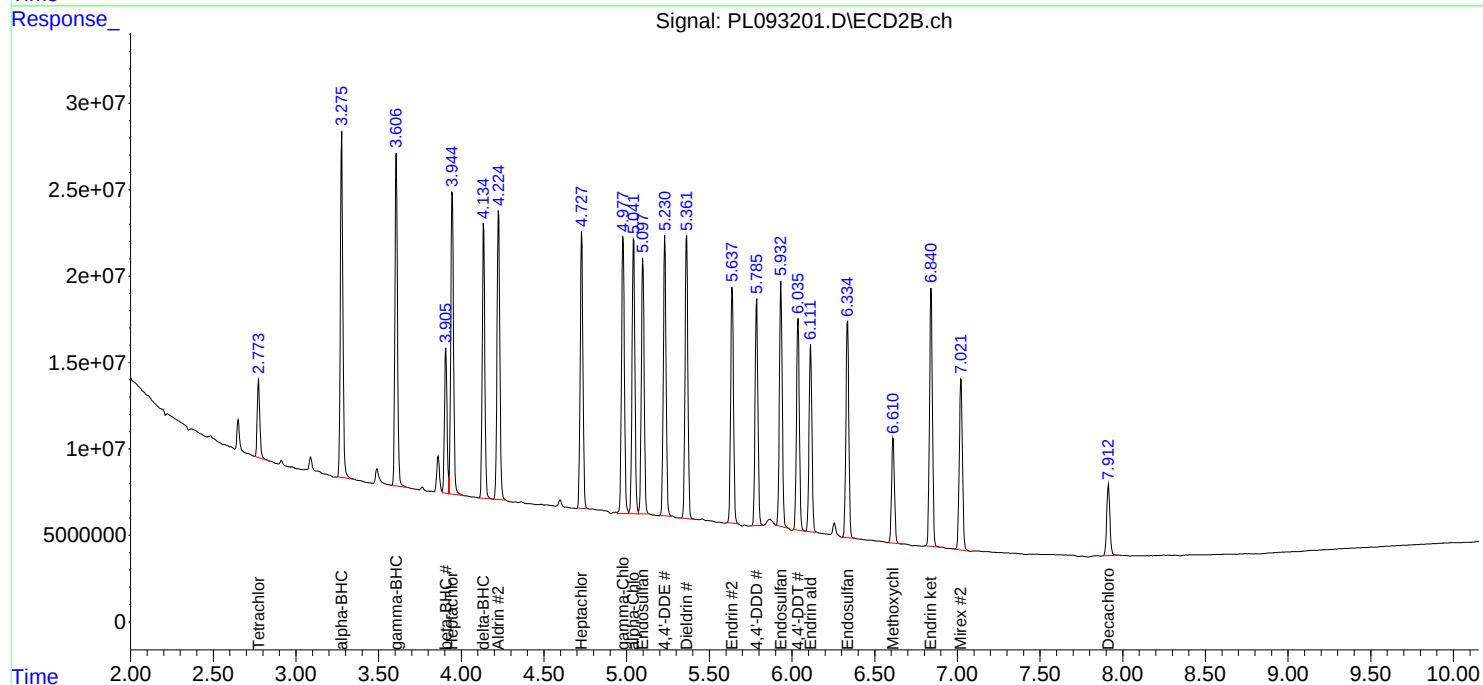
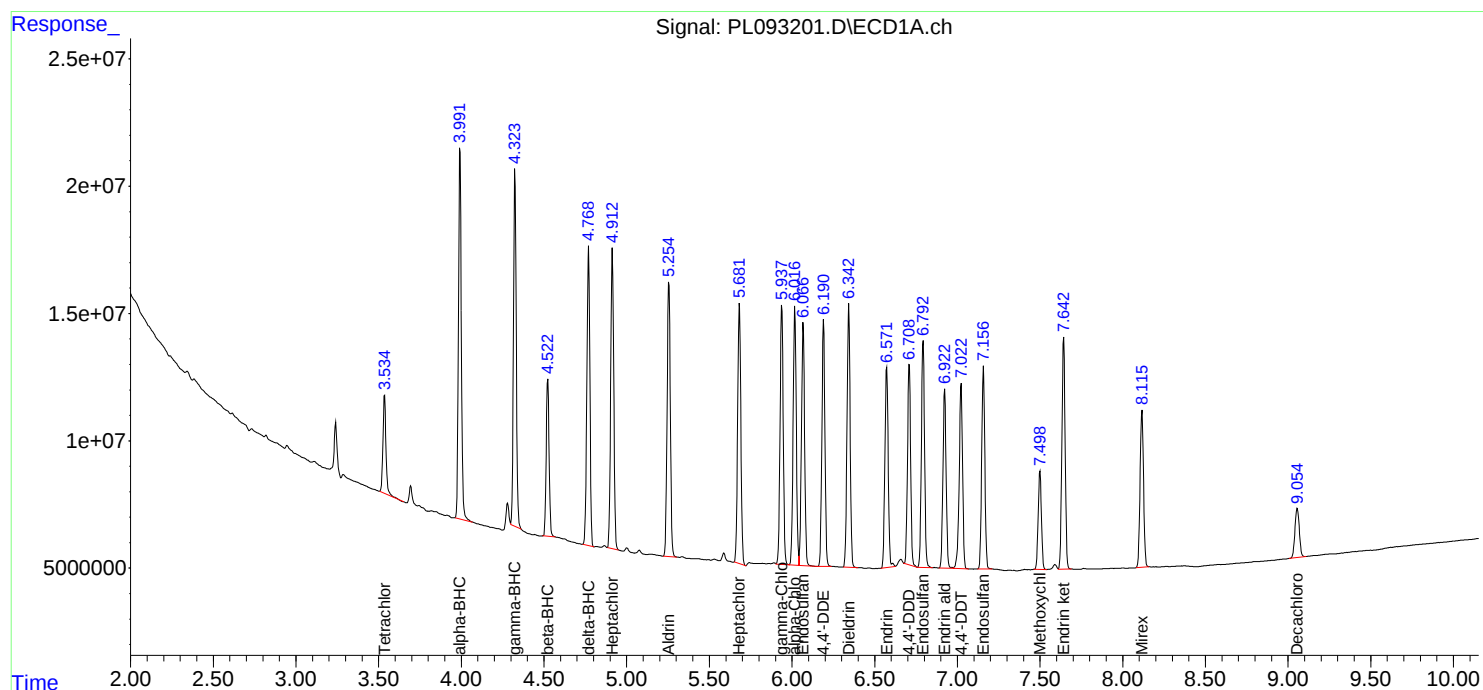
Instrument :
ECD_L
ClientSampleId :
WB-310-BOTMSD

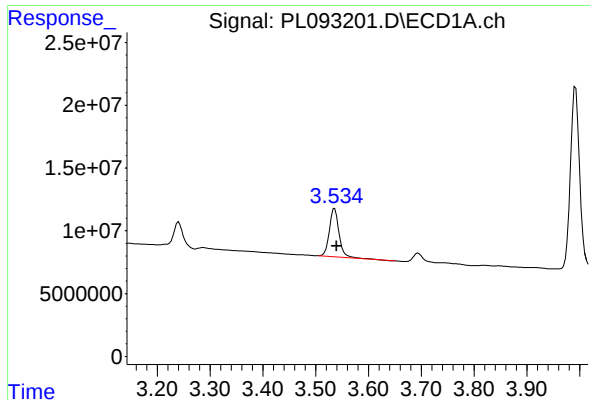
Manual Integrations
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Supervised By :Ankita Jodhani 11/22/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 23:36:04 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





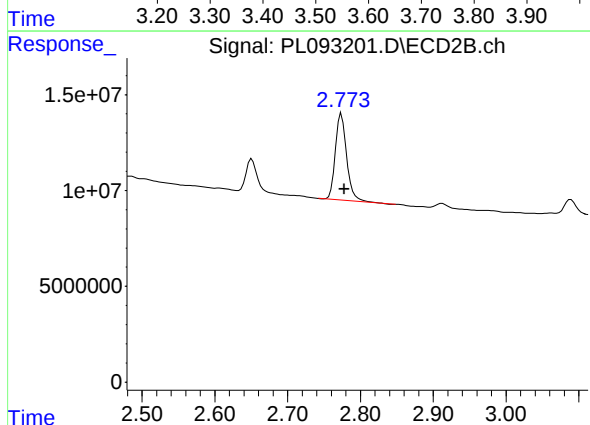
#1 Tetrachloro-m-xylene

R.T.: 3.536 min
Delta R.T.: -0.004 min
Response: 48585163
Conc: 19.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
WB-310-BOTMSD

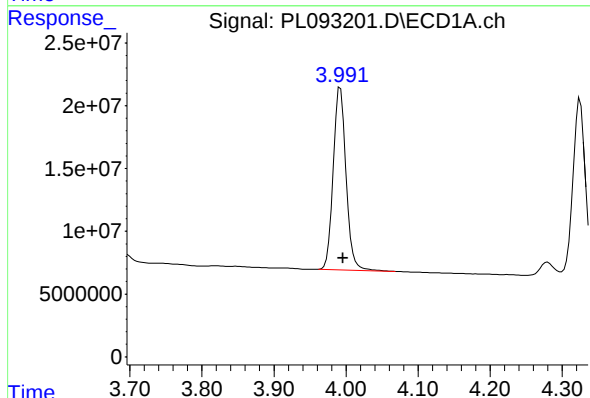
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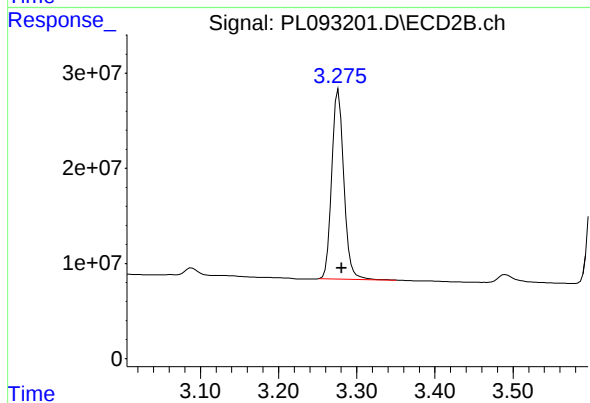
#1 Tetrachloro-m-xylene

R.T.: 2.774 min
Delta R.T.: -0.004 min
Response: 49229769
Conc: 18.09 ng/ml



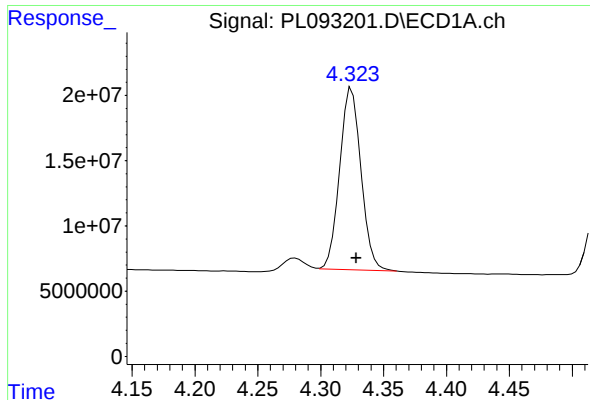
#2 alpha-BHC

R.T.: 3.992 min
Delta R.T.: -0.004 min
Response: 177800528
Conc: 52.42 ng/ml



#2 alpha-BHC

R.T.: 3.277 min
Delta R.T.: -0.004 min
Response: 213376904
Conc: 53.48 ng/ml



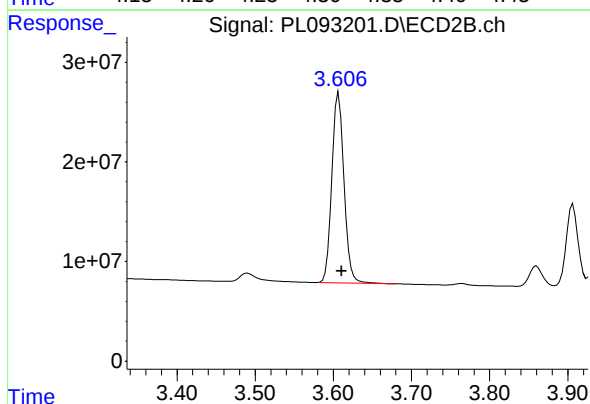
#3 gamma-BHC (Lindane)

R.T.: 4.323 min
Delta R.T.: -0.005 min
Response: 163760588
Conc: 50.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
WB-310-BOTMSD

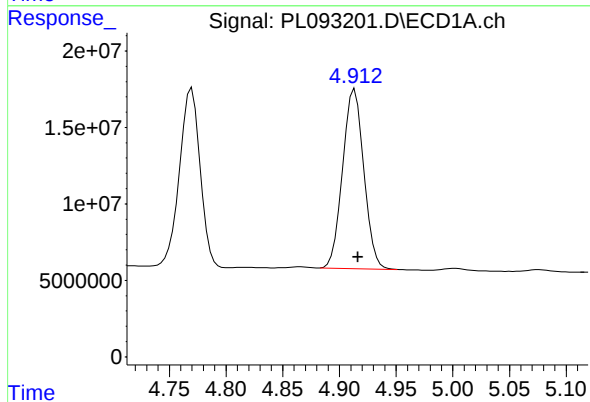
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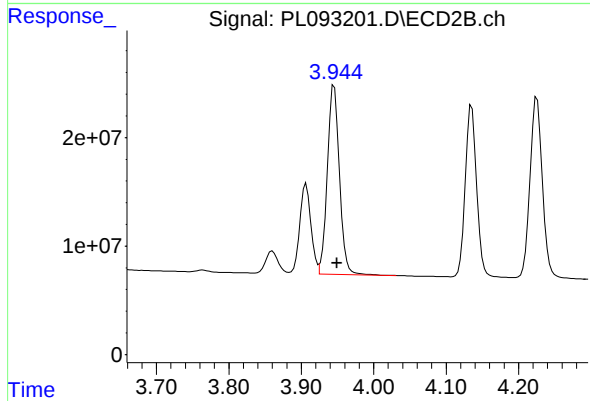
#3 gamma-BHC (Lindane)

R.T.: 3.607 min
Delta R.T.: -0.004 min
Response: 205617274
Conc: 53.28 ng/ml



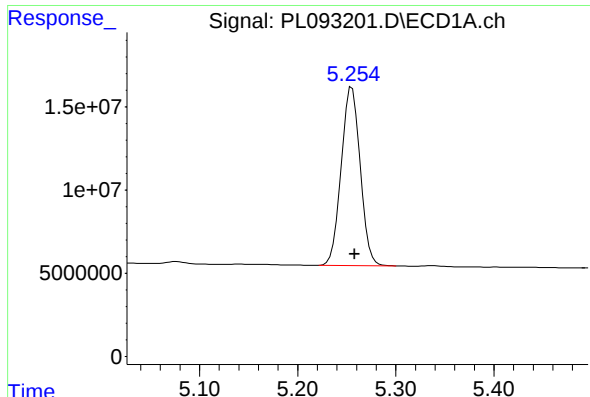
#4 Heptachlor

R.T.: 4.913 min
Delta R.T.: -0.003 min
Response: 152613784
Conc: 50.82 ng/ml



#4 Heptachlor

R.T.: 3.945 min
Delta R.T.: -0.004 min
Response: 203553305
Conc: 53.94 ng/ml



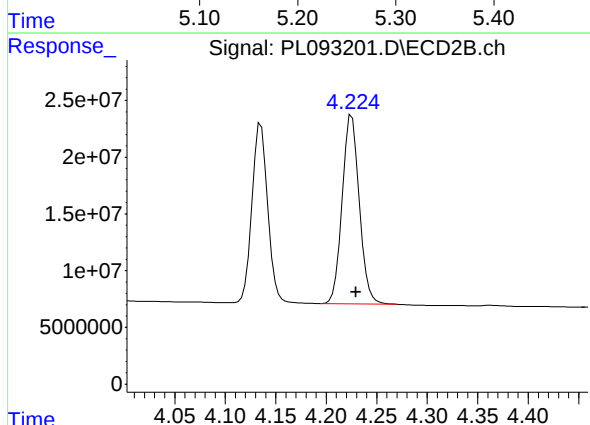
#5 Aldrin

R.T.: 5.254 min
Delta R.T.: -0.004 min
Response: 144996637
Conc: 48.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
WB-310-BOTMSD

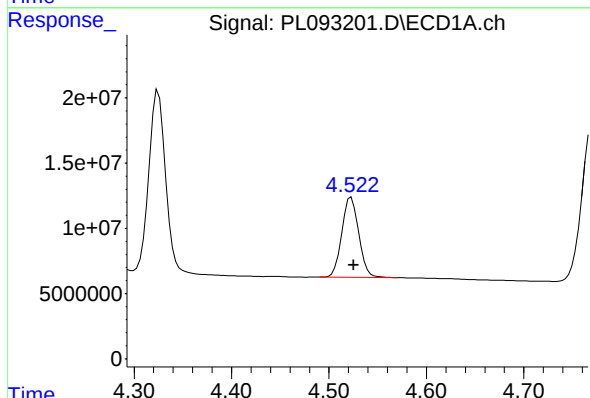
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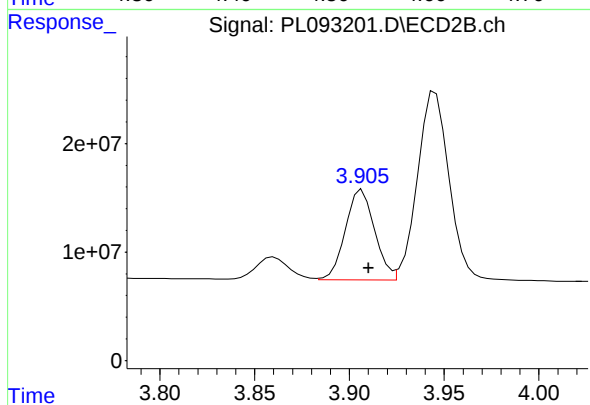
#5 Aldrin

R.T.: 4.225 min
Delta R.T.: -0.004 min
Response: 196541845
Conc: 53.70 ng/ml



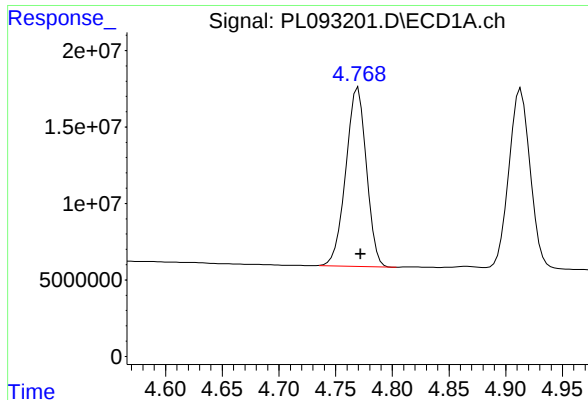
#6 beta-BHC

R.T.: 4.523 min
Delta R.T.: -0.002 min
Response: 74086122
Conc: 51.25 ng/ml



#6 beta-BHC

R.T.: 3.907 min
Delta R.T.: -0.003 min
Response: 89185379
Conc: 54.17 ng/ml



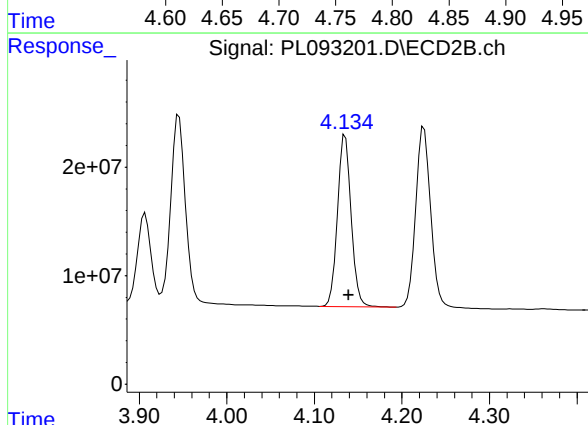
#7 delta-BHC

R.T.: 4.770 min
Delta R.T.: -0.002 min
Response: 147814695
Conc: 47.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
WB-310-BOTMSD

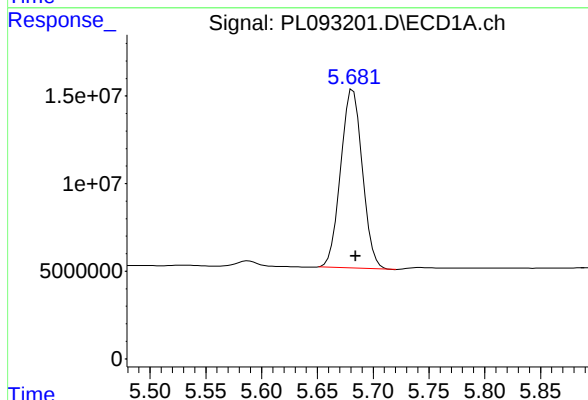
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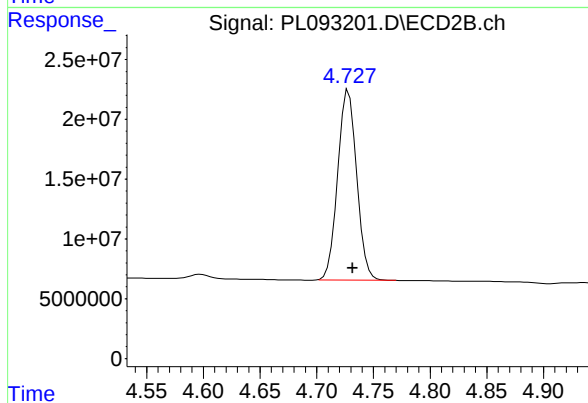
#7 delta-BHC

R.T.: 4.135 min
Delta R.T.: -0.004 min
Response: 172313556
Conc: 44.84 ng/ml



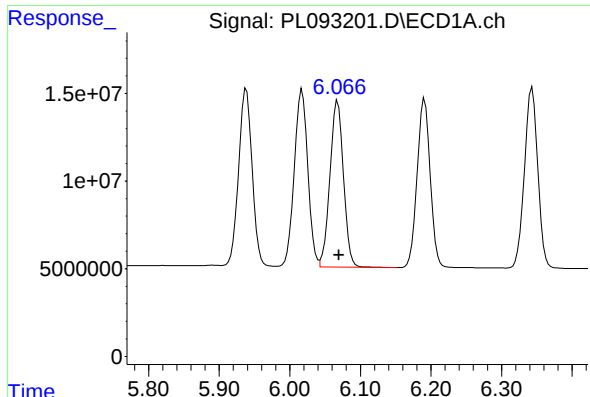
#8 Heptachlor epoxide

R.T.: 5.682 min
Delta R.T.: -0.002 min
Response: 137886730
Conc: 49.93 ng/ml



#8 Heptachlor epoxide

R.T.: 4.728 min
Delta R.T.: -0.004 min
Response: 184609704
Conc: 55.25 ng/ml



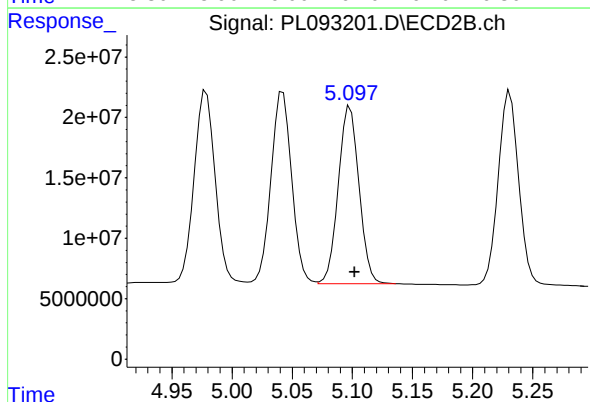
#9 Endosulfan I

R.T.: 6.068 min
Delta R.T.: -0.002 min
Response: 126842803
Conc: 50.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
WB-310-BOTMSD

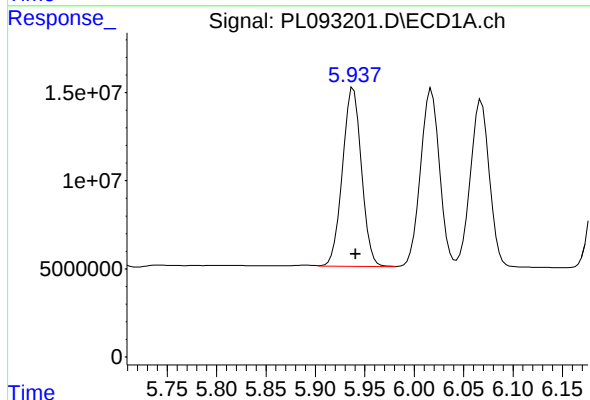
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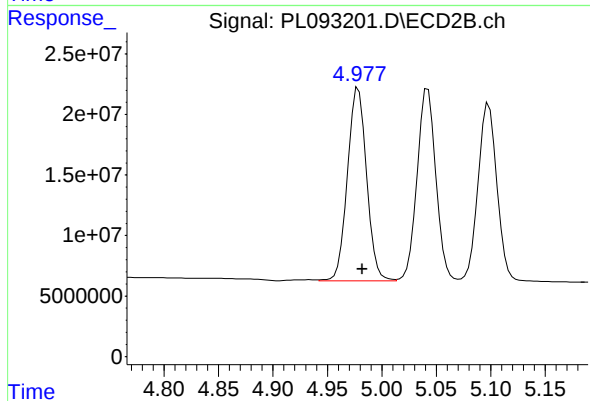
#9 Endosulfan I

R.T.: 5.098 min
Delta R.T.: -0.004 min
Response: 175904464
Conc: 57.61 ng/ml



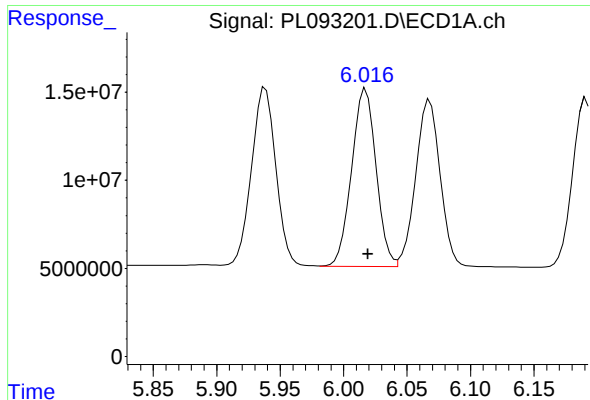
#10 gamma-Chlordane

R.T.: 5.938 min
Delta R.T.: -0.002 min
Response: 135252473
Conc: 50.83 ng/ml



#10 gamma-Chlordane

R.T.: 4.978 min
Delta R.T.: -0.004 min
Response: 195355200
Conc: 58.11 ng/ml



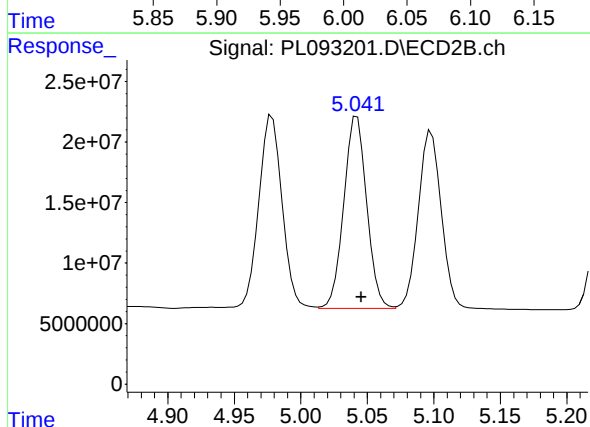
#11 alpha-Chlordane

R.T.: 6.018 min
Delta R.T.: -0.002 min
Response: 135066926
Conc: 51.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
WB-310-BOTMSD

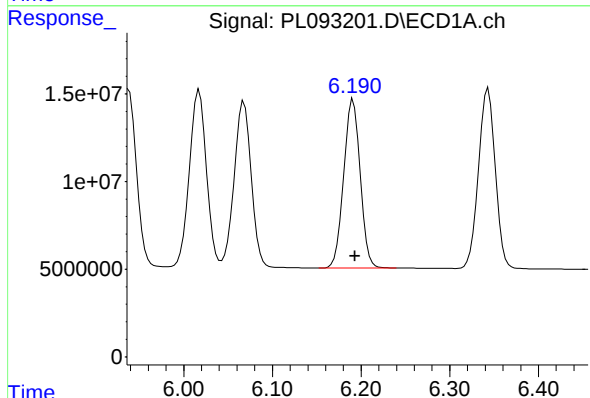
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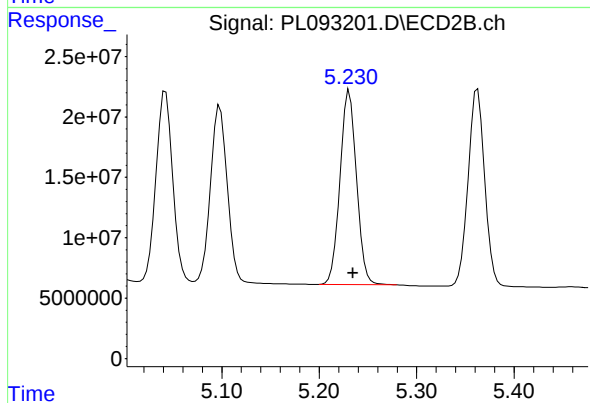
#11 alpha-Chlordane

R.T.: 5.042 min
Delta R.T.: -0.003 min
Response: 190825695
Conc: 57.37 ng/ml



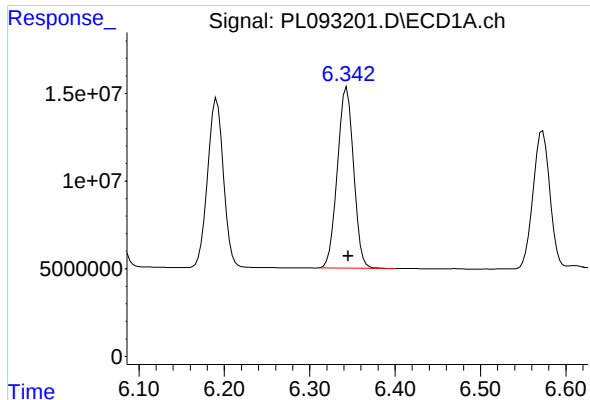
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: -0.002 min
Response: 124293189
Conc: 52.46 ng/ml



#12 4,4'-DDE

R.T.: 5.231 min
Delta R.T.: -0.004 min
Response: 188977133
Conc: 58.66 ng/ml



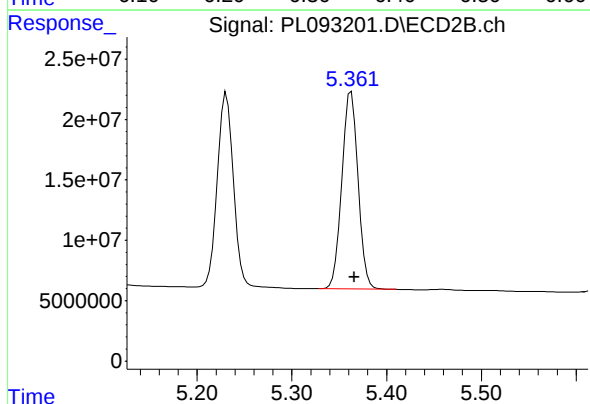
#13 Dieldrin

R.T.: 6.343 min
Delta R.T.: -0.002 min
Response: 135196266
Conc: 51.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
WB-310-BOTMSD

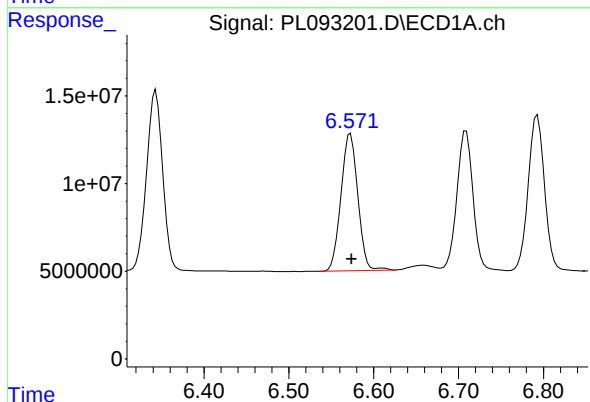
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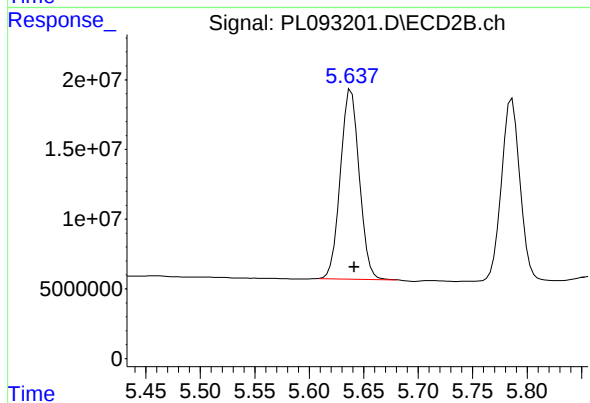
#13 Dieldrin

R.T.: 5.363 min
Delta R.T.: -0.003 min
Response: 193681395
Conc: 57.98 ng/ml



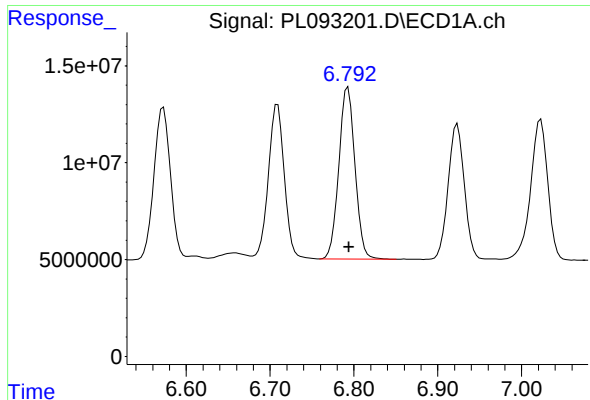
#14 Endrin

R.T.: 6.573 min
Delta R.T.: -0.001 min
Response: 108289974
Conc: 47.57 ng/ml



#14 Endrin

R.T.: 5.638 min
Delta R.T.: -0.003 min
Response: 163606631
Conc: 56.55 ng/ml



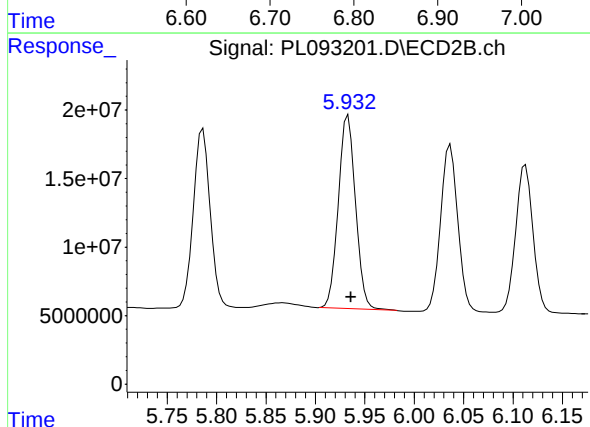
#15 Endosulfan II

R.T.: 6.793 min
Delta R.T.: -0.001 min
Response: 118665763
Conc: 49.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
WB-310-BOTMSD

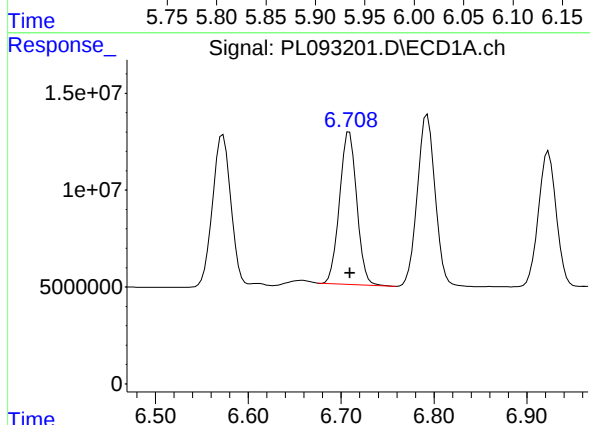
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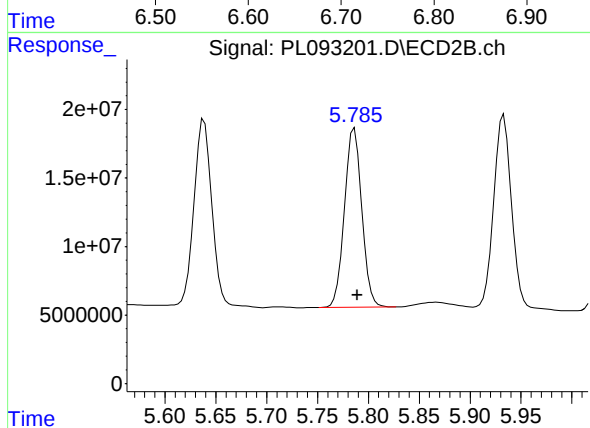
#15 Endosulfan II

R.T.: 5.933 min
Delta R.T.: -0.003 min
Response: 170100969
Conc: 60.04 ng/ml



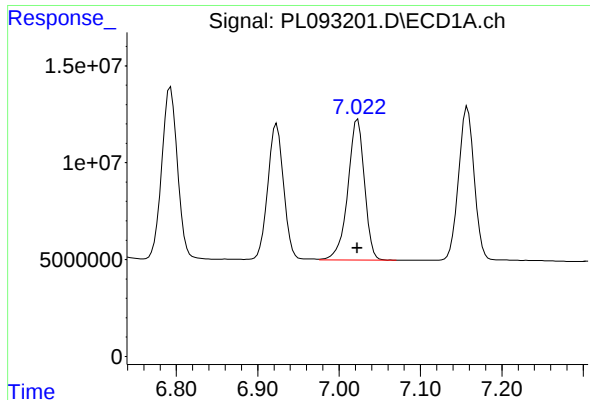
#16 4,4'-DDD

R.T.: 6.709 min
Delta R.T.: 0.000 min
Response: 101830442
Conc: 53.05 ng/ml



#16 4,4'-DDD

R.T.: 5.786 min
Delta R.T.: -0.003 min
Response: 154779303
Conc: 62.16 ng/ml



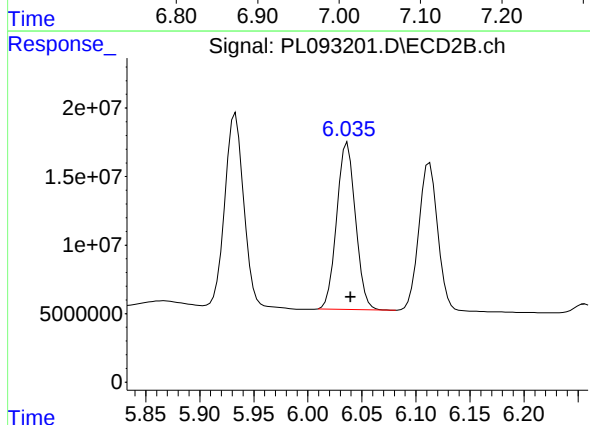
#17 4,4'-DDT

R.T.: 7.023 min
Delta R.T.: 0.000 min
Response: 103328117
Conc: 49.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
WB-310-BOTMSD

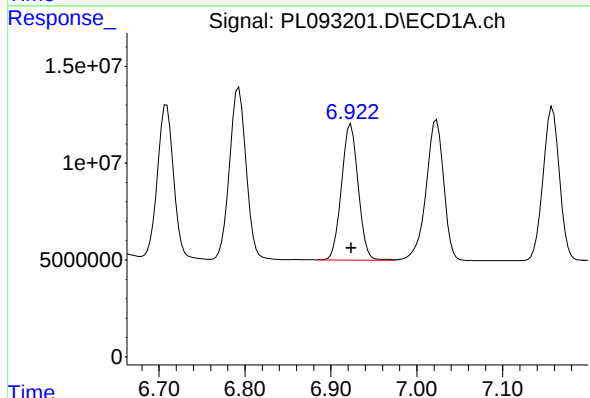
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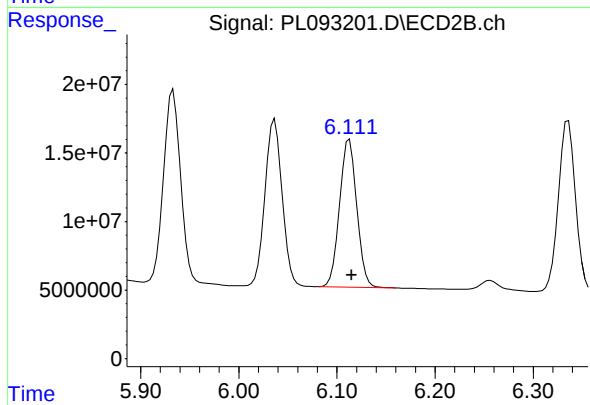
#17 4,4'-DDT

R.T.: 6.037 min
Delta R.T.: -0.003 min
Response: 146971445
Conc: 54.79 ng/ml



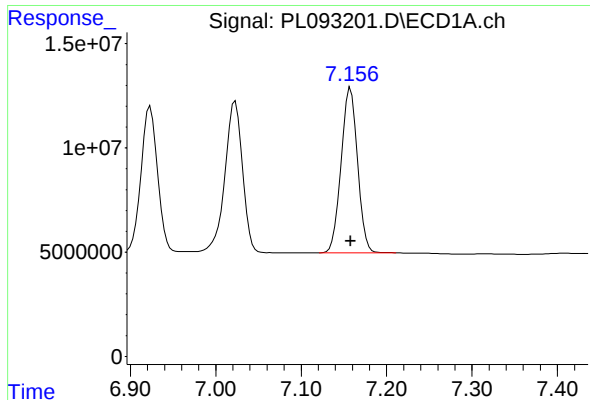
#18 Endrin aldehyde

R.T.: 6.923 min
Delta R.T.: 0.000 min
Response: 94313867
Conc: 50.22 ng/ml



#18 Endrin aldehyde

R.T.: 6.113 min
Delta R.T.: -0.002 min
Response: 131625538
Conc: 57.05 ng/ml



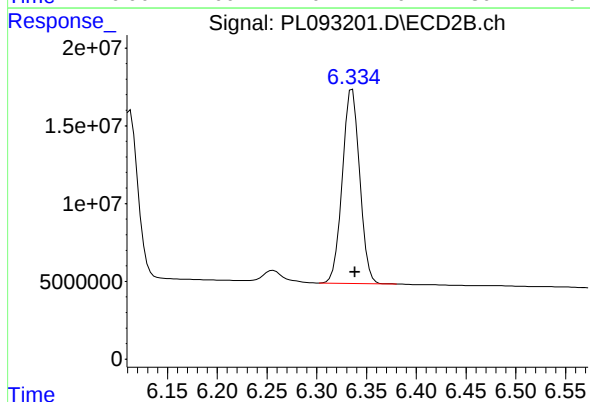
#19 Endosulfan Sulfate

R.T.: 7.158 min
Delta R.T.: 0.000 min
Response: 105612895
Conc: 48.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
WB-310-BOTMSD

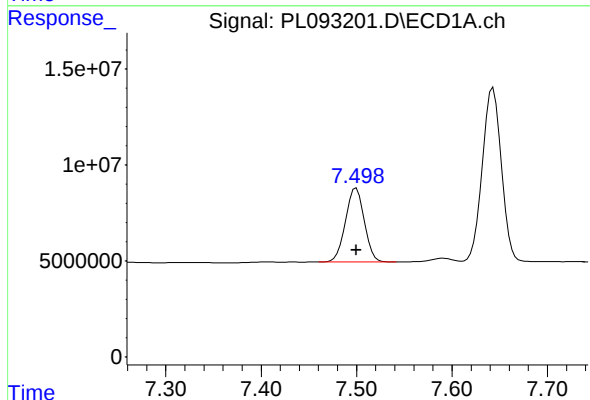
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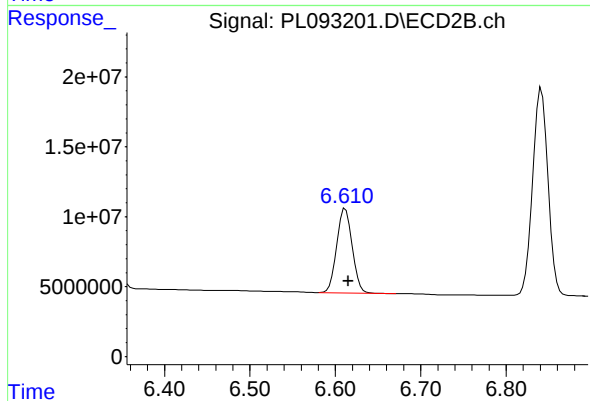
#19 Endosulfan Sulfate

R.T.: 6.336 min
Delta R.T.: -0.003 min
Response: 151543066
Conc: 56.19 ng/ml



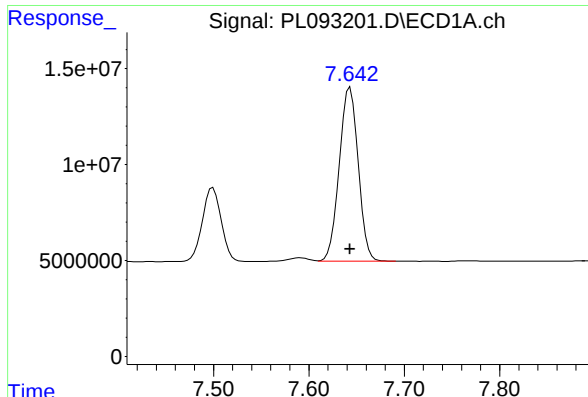
#20 Methoxychlor

R.T.: 7.500 min
Delta R.T.: 0.000 min
Response: 52925633
Conc: 46.43 ng/ml



#20 Methoxychlor

R.T.: 6.612 min
Delta R.T.: -0.003 min
Response: 75375961
Conc: 52.78 ng/ml



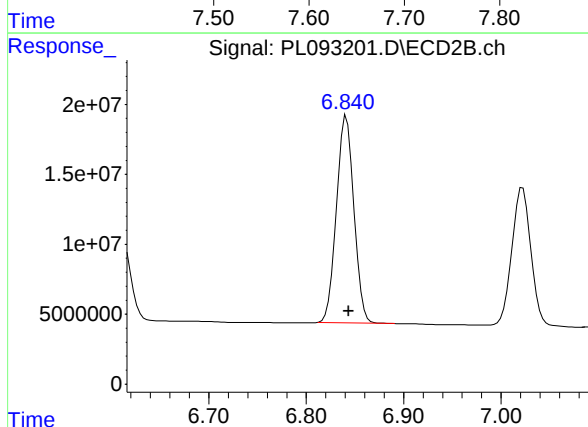
#21 Endrin ketone

R.T.: 7.643 min
Delta R.T.: 0.000 min
Response: 125208195
Conc: 51.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
WB-310-BOTMSD

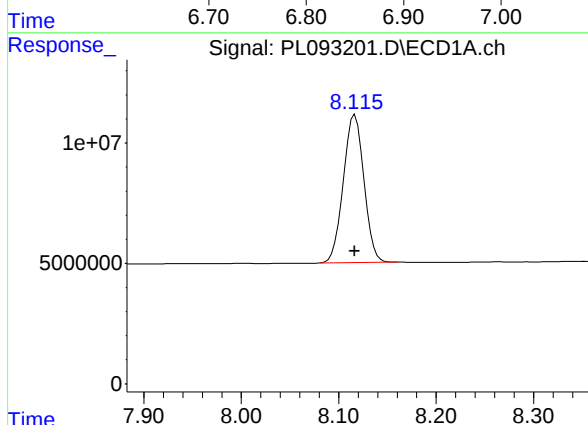
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/22/2024
Supervised By :Ankita Jodhani 11/22/2024



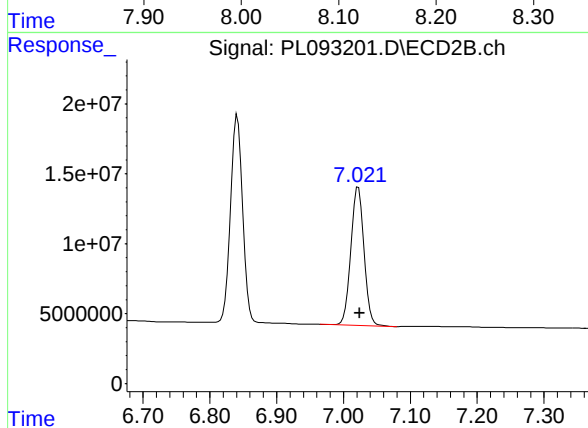
#21 Endrin ketone

R.T.: 6.841 min
Delta R.T.: -0.002 min
Response: 184727779
Conc: 60.20 ng/ml



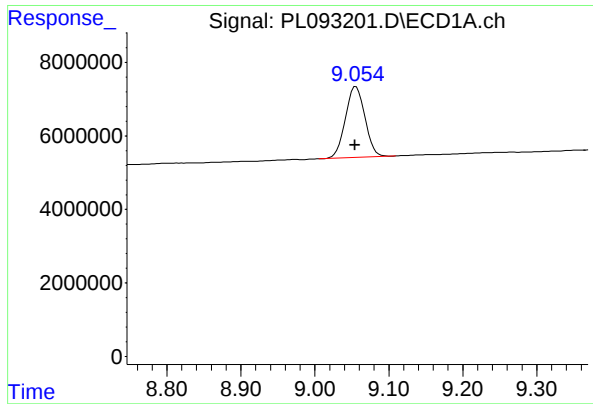
#22 Mirex

R.T.: 8.117 min
Delta R.T.: 0.000 min
Response: 90240941
Conc: 45.54 ng/ml



#22 Mirex

R.T.: 7.022 min
Delta R.T.: -0.002 min
Response: 134537124
Conc: 51.56 ng/ml



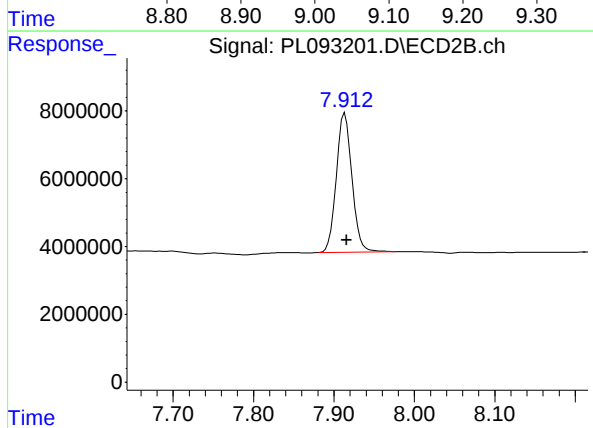
#28 Decachlorobiphenyl

R.T.: 9.056 min
Delta R.T.: 0.002 min
Response: 35516318
Conc: 18.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
WB-310-BOTMSD

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#28 Decachlorobiphenyl

R.T.: 7.914 min
Delta R.T.: -0.002 min
Response: 55620315
Conc: 20.38 ng/ml