

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111824\
 Data File : PL093117.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Nov 2024 14:38
 Operator : AR\AJ
 Sample : P4860-08MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PH2-BOT-007MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/19/2024
 Supervised By :Ankita Jodhani 11/19/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 19 01:29:09 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...	3.538	2.778	42452156	42891565	17.326m	15.762
2) SA Decachlor...	9.054	7.915	32677505	46756709	16.979	17.132
Target Compounds						
2) A alpha-BHC	3.995	3.280	165.0E6	209.0E6	48.653	52.368
3) MA gamma-BHC...	4.328	3.610	157.0E6	200.5E6	48.179	51.952
4) MA Heptachlor	4.916	3.949	152.0E6	211.0E6	50.601	55.900
5) MB Aldrin	5.258	4.228	145.1E6	199.2E6	48.343	54.433
6) B beta-BHC	4.525	3.909	73781558	91440028	51.044	55.544
7) B delta-BHC	4.772	4.138	126.6E6	167.9E6	40.445	43.681
8) B Heptachlo...	5.684	4.731	132.3E6	183.4E6	47.898	54.874
9) A Endosulfan I	6.070	5.100	122.7E6	170.7E6	49.053	55.921
10) B gamma-Chl...	5.940	4.979	134.5E6	197.5E6	50.559	58.762m
11) B alpha-Chl...	6.019	5.045	132.5E6	190.8E6	50.054	57.360
12) B 4,4'-DDE	6.193	5.233	122.6E6	189.1E6	51.728	58.694
13) MA Dieldrin	6.345	5.365	127.4E6	190.3E6	48.347	56.974
14) MA Endrin	6.573	5.640	110.7E6	170.6E6	48.633m	58.966
15) B Endosulfa...	6.793	5.935	114.8E6	163.4E6	48.169m	57.658
16) A 4,4'-DDD	6.709	5.789	99025007	147.9E6	51.588m	59.404
17) MA 4,4'-DDT	7.025	6.039	111.4E6	155.1E6	53.837	57.839
18) B Endrin al...	6.925	6.114	91703829	121.3E6	48.831	52.573
19) B Endosulfa...	7.159	6.337	101.8E6	143.5E6	46.893	53.192
20) A Methoxychlor	7.500	6.614	55827441	78306910	48.972	54.836
21) B Endrin ke...	7.644	6.843	116.6E6	164.6E6	48.106	53.624
22) Mirex	8.118	7.023	85545714	124.3E6	43.168	47.650

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111824\
Data File : PL093117.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2024 14:38
Operator : AR\AJ
Sample : P4860-08MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

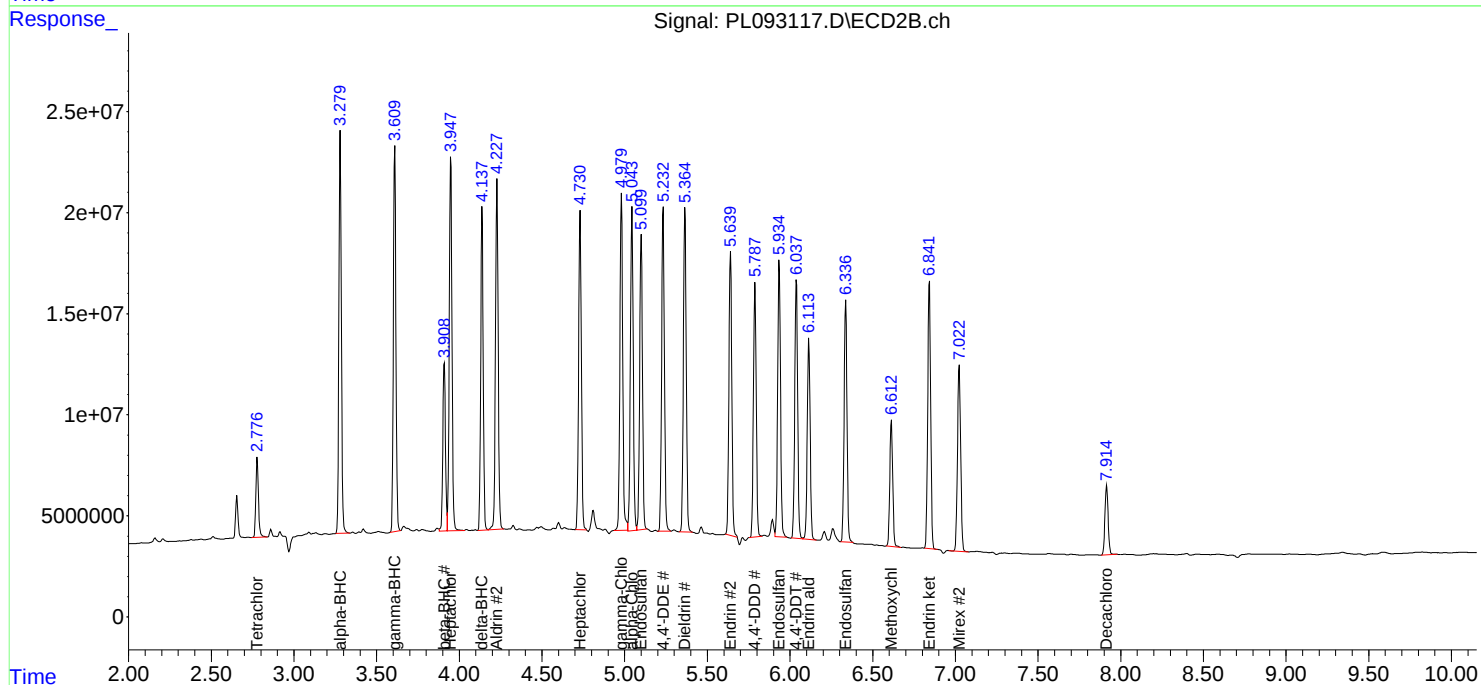
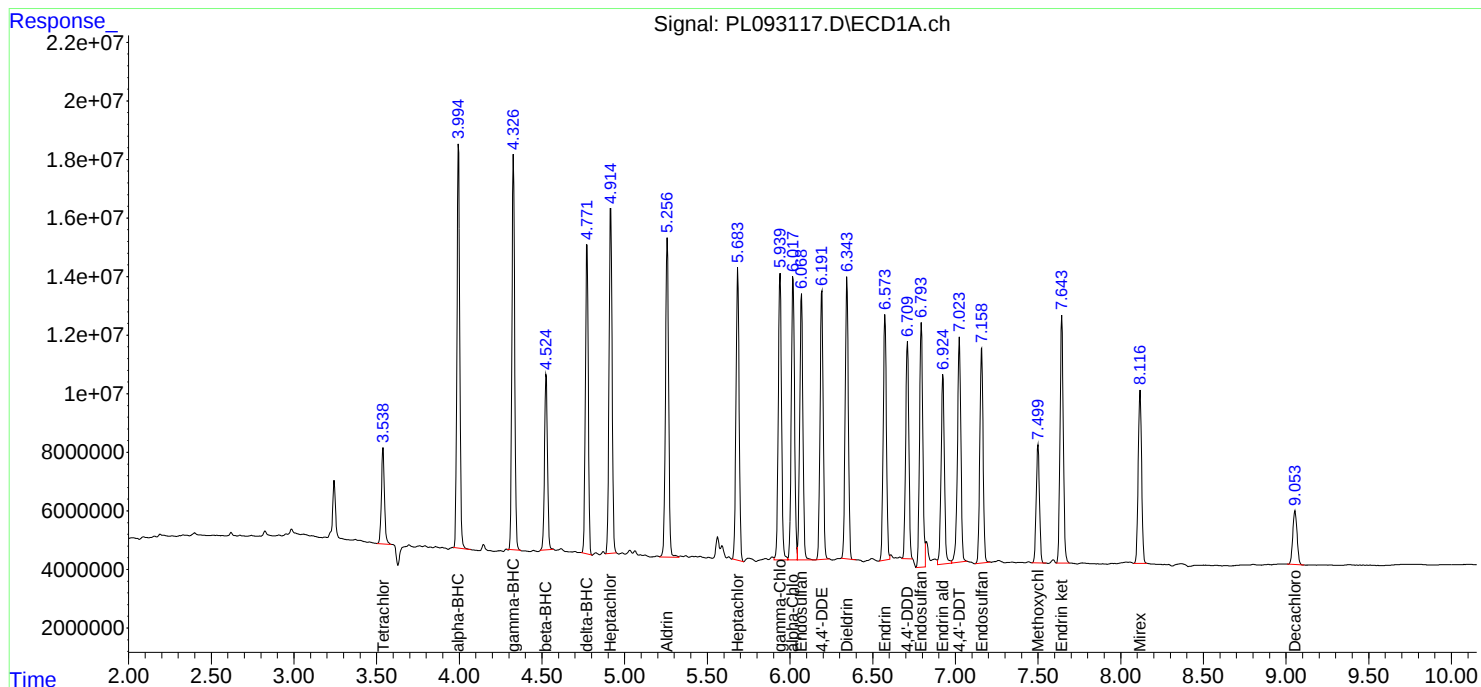
Instrument :
ECD_L
ClientSampleId :
PH2-BOT-007MSD

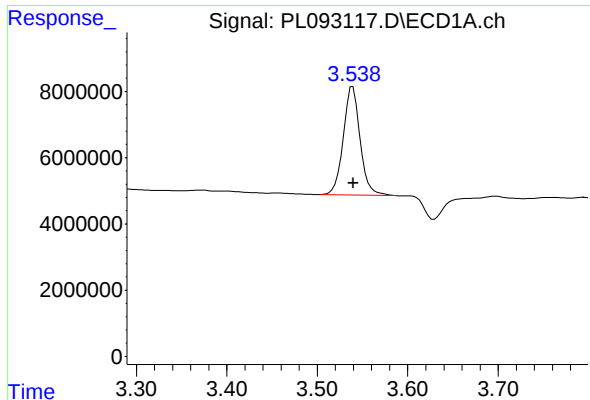
Manual Integrations
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Supervised By :Ankita Jodhani 11/19/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 01:29:09 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





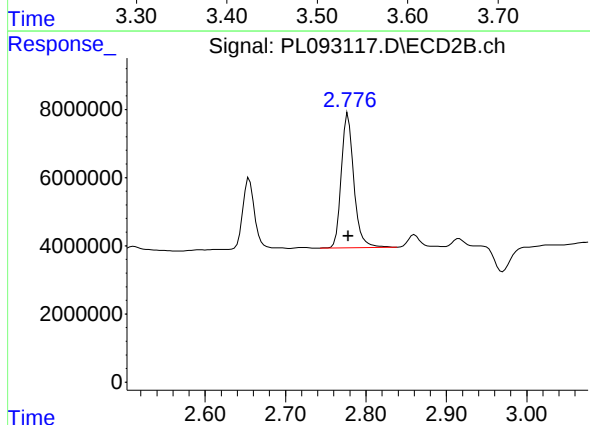
#1 Tetrachloro-m-xylene

R.T.: 3.538 min
Delta R.T.: -0.002 min
Response: 42452156
Conc: 17.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH2-BOT-007MSD

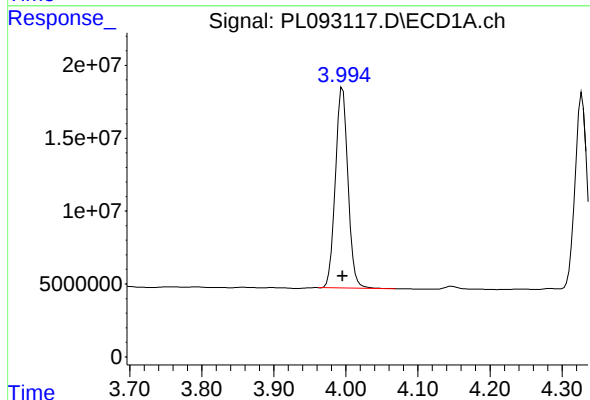
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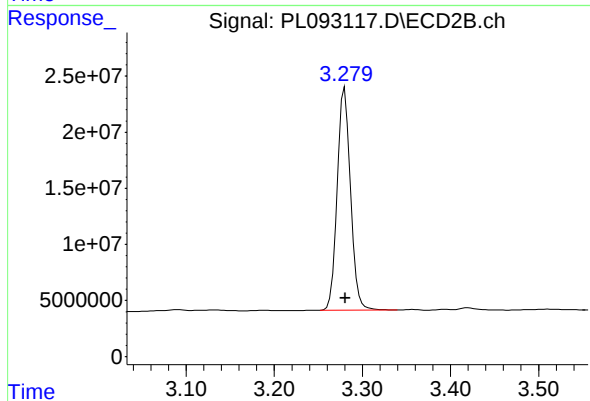
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 42891565
Conc: 15.76 ng/ml



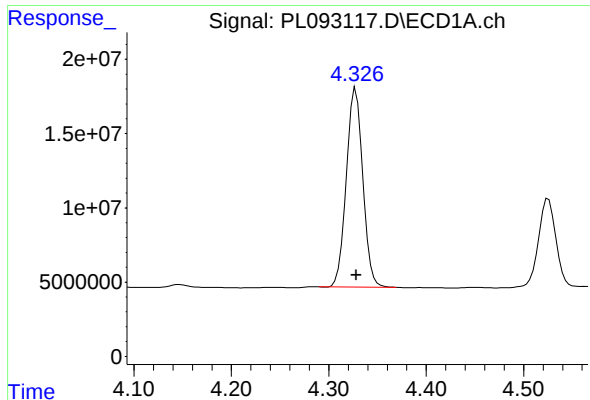
#2 alpha-BHC

R.T.: 3.995 min
Delta R.T.: 0.000 min
Response: 165011205
Conc: 48.65 ng/ml



#2 alpha-BHC

R.T.: 3.280 min
Delta R.T.: 0.000 min
Response: 208958854
Conc: 52.37 ng/ml



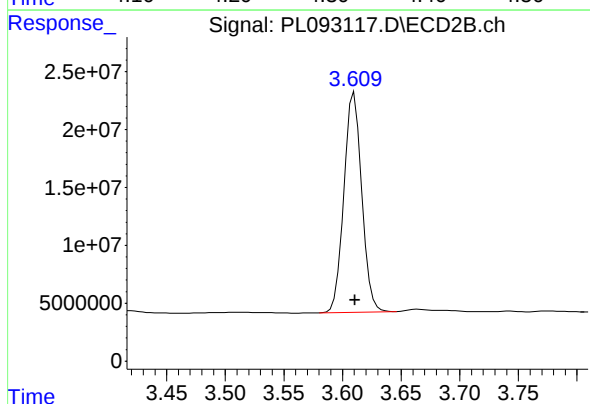
#3 gamma-BHC (Lindane)

R.T.: 4.328 min
Delta R.T.: 0.000 min
Response: 157041172
Conc: 48.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH2-BOT-007MSD

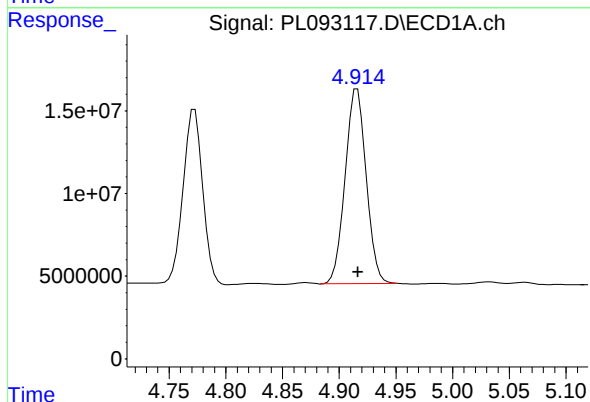
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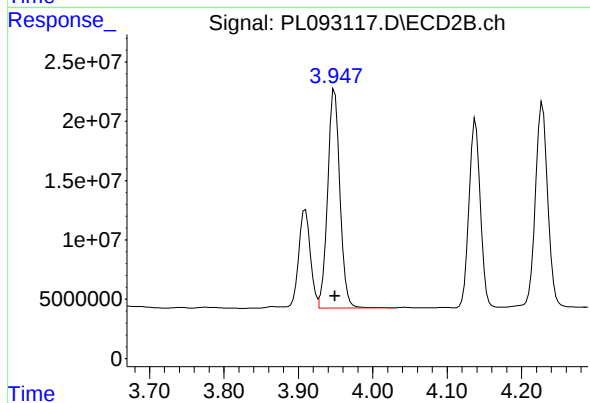
#3 gamma-BHC (Lindane)

R.T.: 3.610 min
Delta R.T.: 0.000 min
Response: 200506675
Conc: 51.95 ng/ml



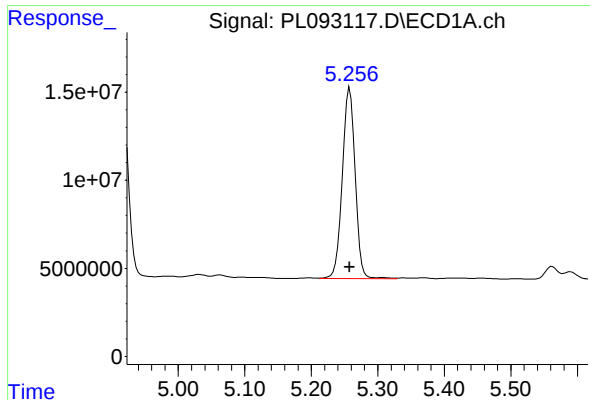
#4 Heptachlor

R.T.: 4.916 min
Delta R.T.: 0.000 min
Response: 151960377
Conc: 50.60 ng/ml



#4 Heptachlor

R.T.: 3.949 min
Delta R.T.: 0.000 min
Response: 210961670
Conc: 55.90 ng/ml



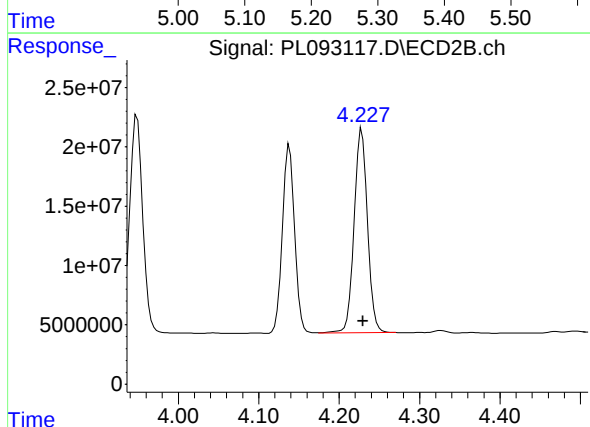
#5 Aldrin

R.T.: 5.258 min
Delta R.T.: 0.000 min
Response: 145101109
Conc: 48.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH2-BOT-007MSD

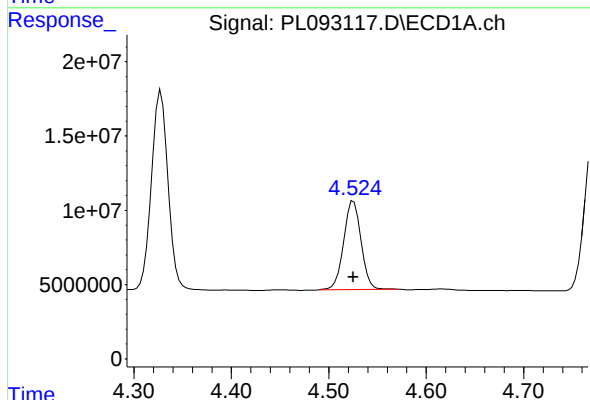
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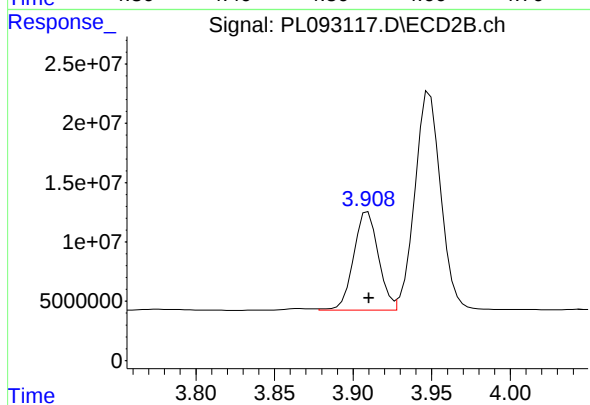
#5 Aldrin

R.T.: 4.228 min
Delta R.T.: -0.001 min
Response: 199237957
Conc: 54.43 ng/ml



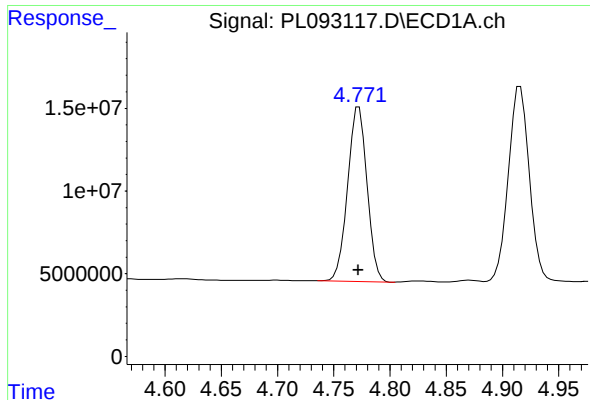
#6 beta-BHC

R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 73781558
Conc: 51.04 ng/ml



#6 beta-BHC

R.T.: 3.909 min
Delta R.T.: 0.000 min
Response: 91440028
Conc: 55.54 ng/ml



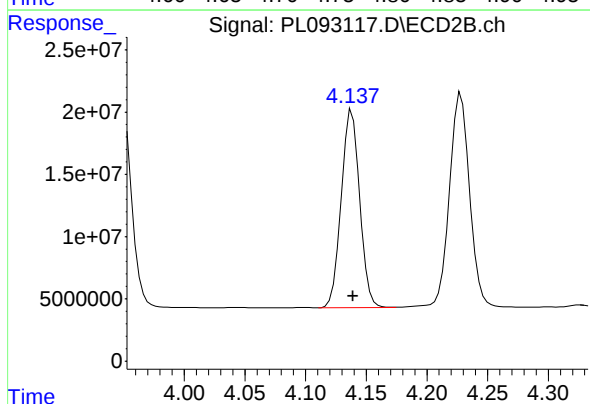
#7 delta-BHC

R.T.: 4.772 min
Delta R.T.: 0.000 min
Response: 126588817
Conc: 40.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH2-BOT-007MSD

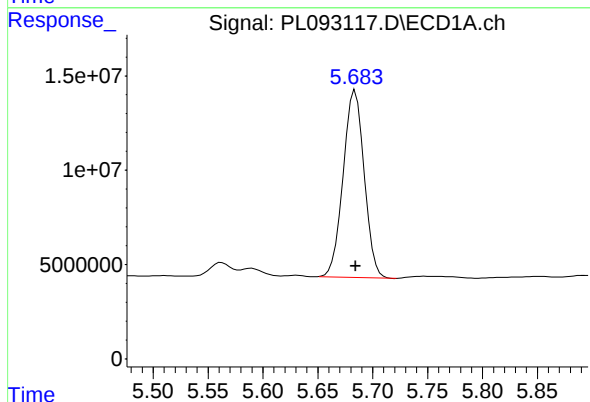
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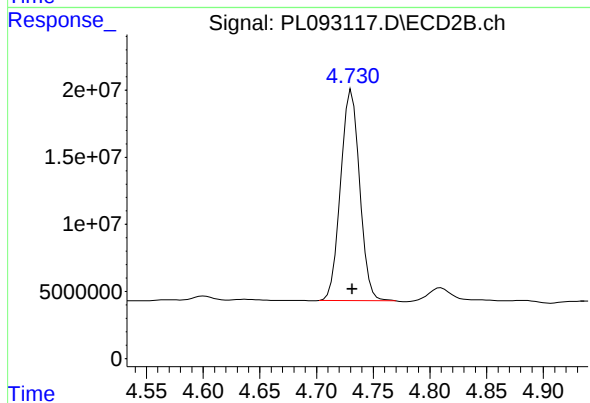
#7 delta-BHC

R.T.: 4.138 min
Delta R.T.: 0.000 min
Response: 167874645
Conc: 43.68 ng/ml



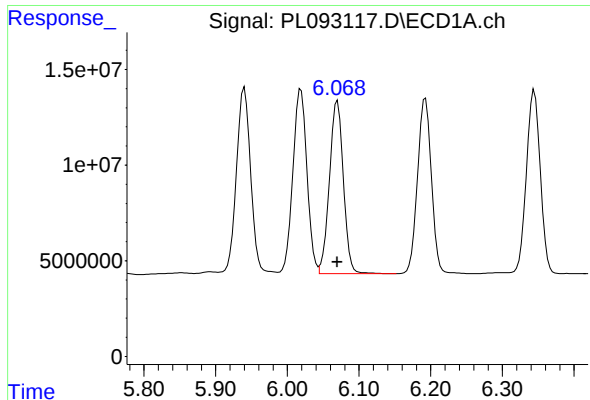
#8 Heptachlor epoxide

R.T.: 5.684 min
Delta R.T.: 0.000 min
Response: 132266778
Conc: 47.90 ng/ml



#8 Heptachlor epoxide

R.T.: 4.731 min
Delta R.T.: 0.000 min
Response: 183355714
Conc: 54.87 ng/ml



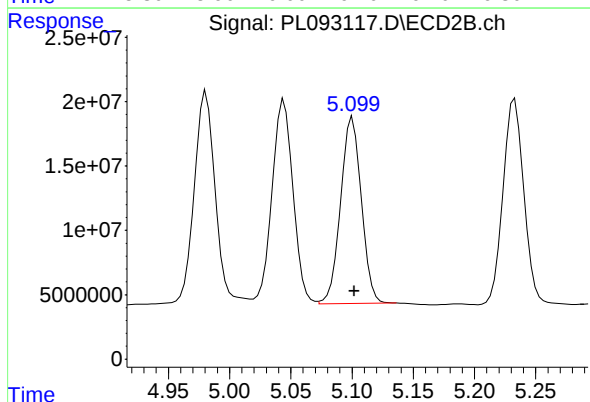
#9 Endosulfan I

R.T.: 6.070 min
Delta R.T.: 0.000 min
Response: 122699833
Conc: 49.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH2-BOT-007MSD

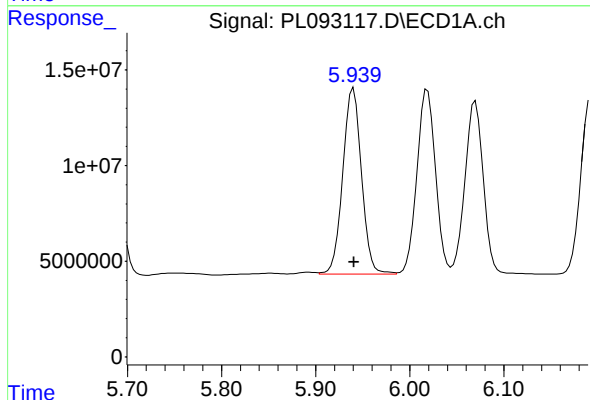
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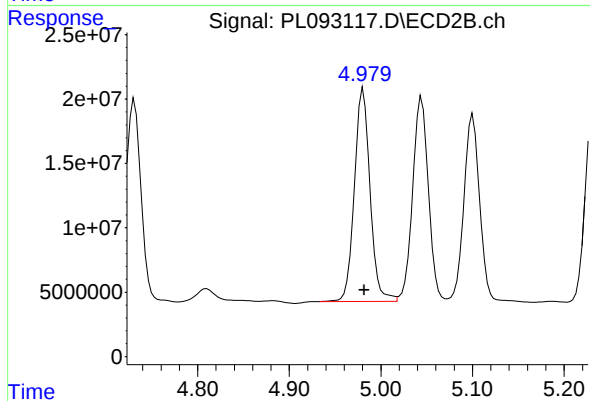
#9 Endosulfan I

R.T.: 5.100 min
Delta R.T.: -0.001 min
Response: 170734220
Conc: 55.92 ng/ml



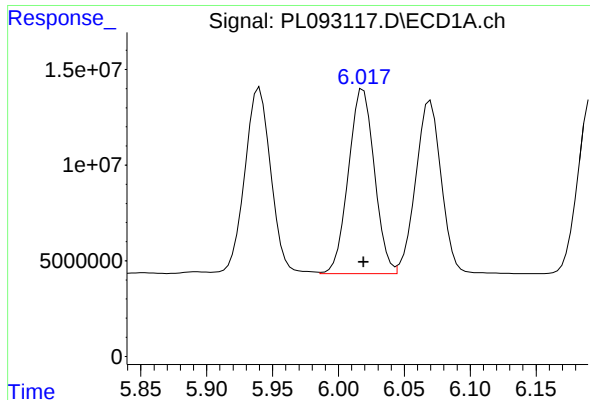
#10 gamma-Chlordane

R.T.: 5.940 min
Delta R.T.: 0.000 min
Response: 134518433
Conc: 50.56 ng/ml



#10 gamma-Chlordane

R.T.: 4.979 min
Delta R.T.: -0.002 min
Response: 197538017
Conc: 58.76 ng/ml m



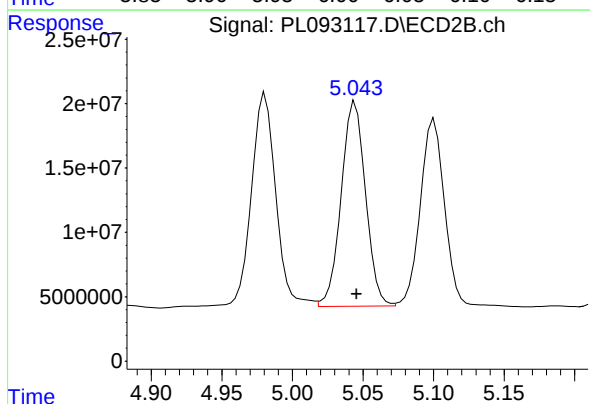
#11 alpha-Chlordane

R.T.: 6.019 min
Delta R.T.: 0.000 min
Response: 132549531
Conc: 50.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH2-BOT-007MSD

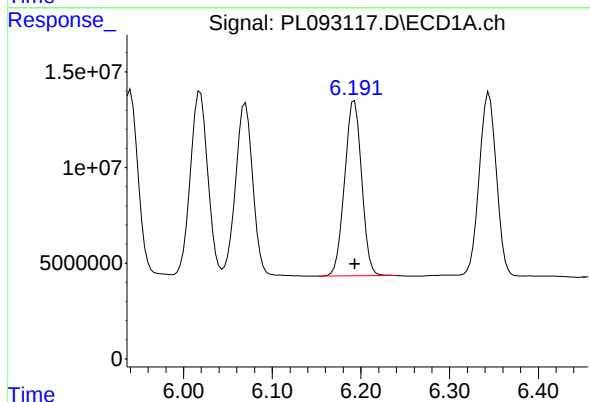
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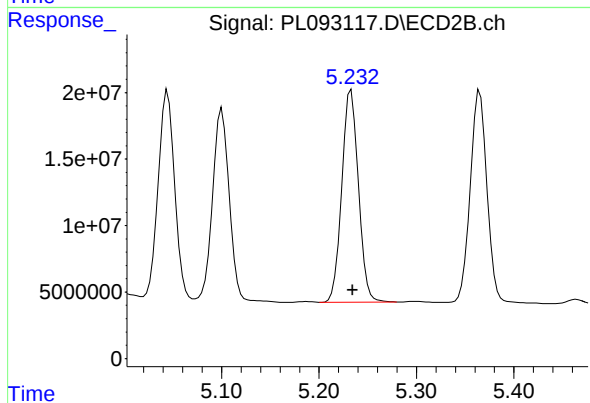
#11 alpha-Chlordane

R.T.: 5.045 min
Delta R.T.: 0.000 min
Response: 190781474
Conc: 57.36 ng/ml



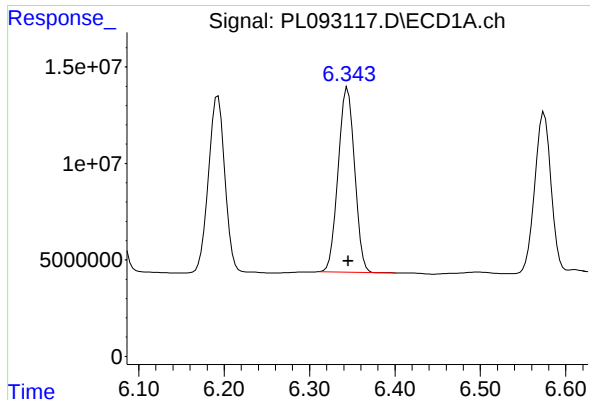
#12 4,4'-DDE

R.T.: 6.193 min
Delta R.T.: 0.000 min
Response: 122554502
Conc: 51.73 ng/ml



#12 4,4'-DDE

R.T.: 5.233 min
Delta R.T.: -0.002 min
Response: 189089602
Conc: 58.69 ng/ml



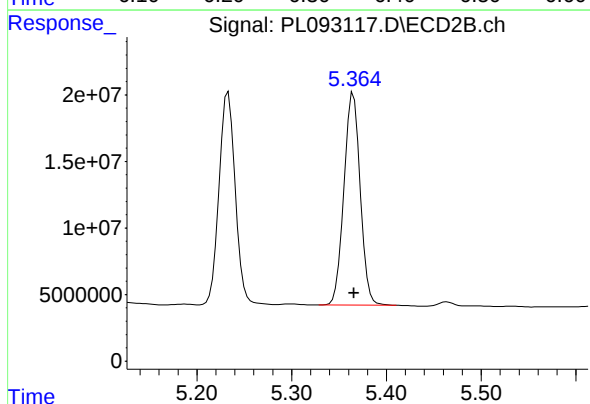
#13 Dieldrin

R.T.: 6.345 min
Delta R.T.: 0.000 min
Response: 127417025
Conc: 48.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH2-BOT-007MSD

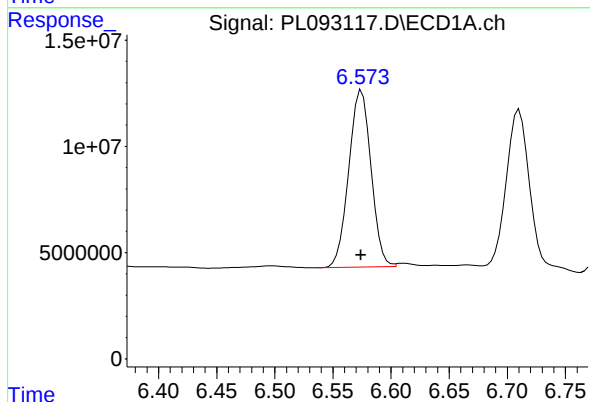
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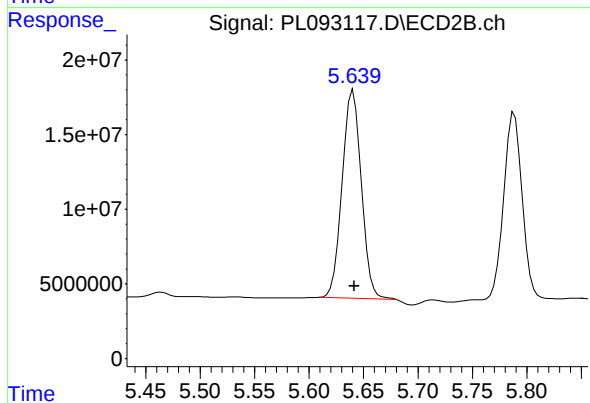
#13 Dieldrin

R.T.: 5.365 min
Delta R.T.: 0.000 min
Response: 190309396
Conc: 56.97 ng/ml



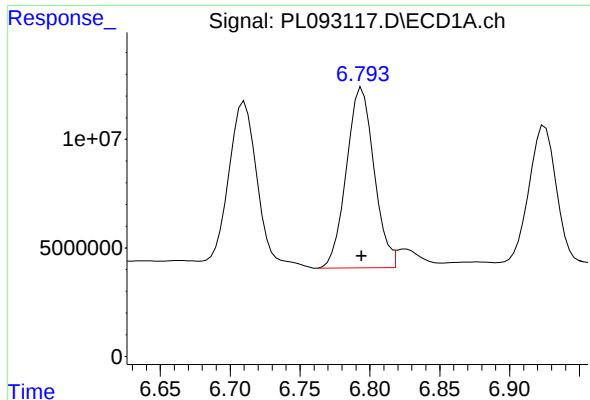
#14 Endrin

R.T.: 6.573 min
Delta R.T.: 0.000 min
Response: 110720070
Conc: 48.63 ng/ml m



#14 Endrin

R.T.: 5.640 min
Delta R.T.: 0.000 min
Response: 170587739
Conc: 58.97 ng/ml



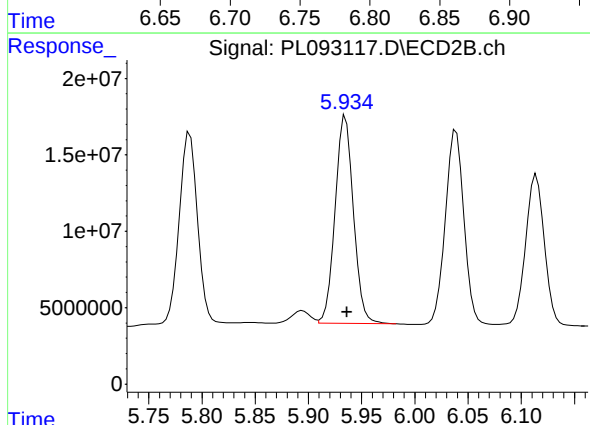
#15 Endosulfan II

R.T.: 6.793 min
Delta R.T.: -0.001 min
Response: 114827106
Conc: 48.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH2-BOT-007MSD

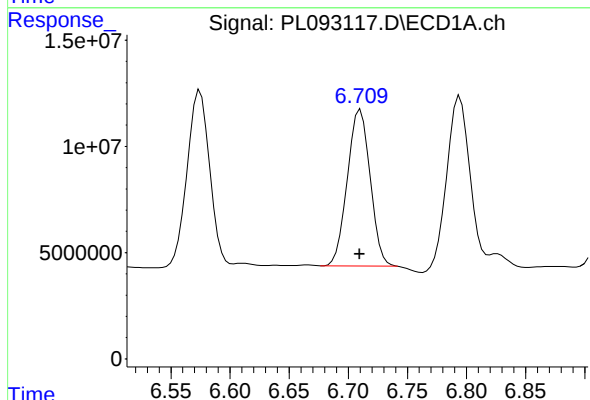
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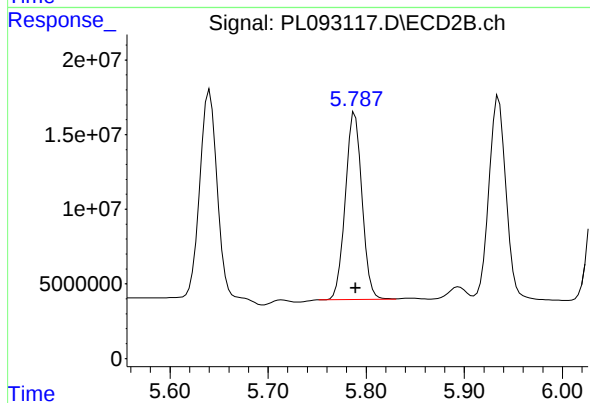
#15 Endosulfan II

R.T.: 5.935 min
Delta R.T.: -0.001 min
Response: 163360386
Conc: 57.66 ng/ml



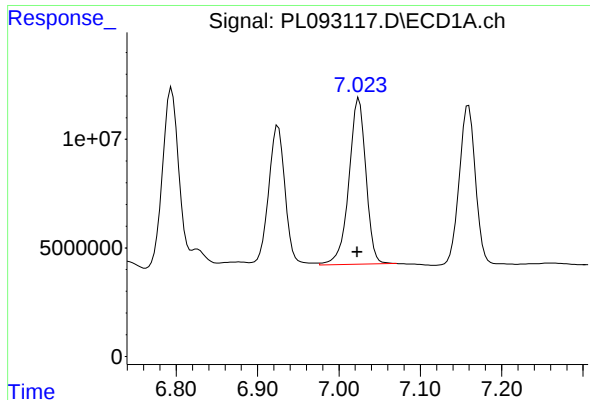
#16 4,4'-DDD

R.T.: 6.709 min
Delta R.T.: 0.000 min
Response: 99025007
Conc: 51.59 ng/ml m



#16 4,4'-DDD

R.T.: 5.789 min
Delta R.T.: 0.000 min
Response: 147918899
Conc: 59.40 ng/ml



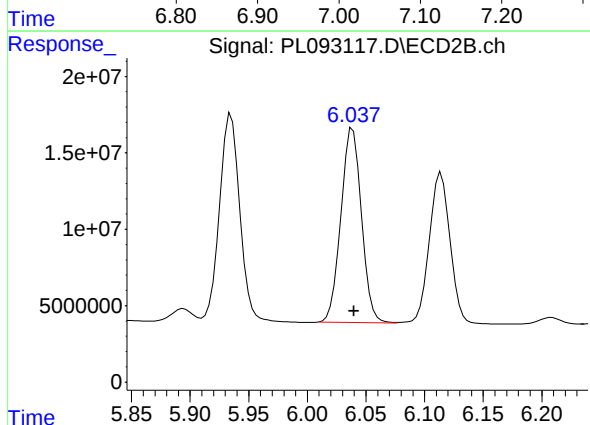
#17 4,4'-DDT

R.T.: 7.025 min
Delta R.T.: 0.002 min
Response: 111429340
Conc: 53.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH2-BOT-007MSD

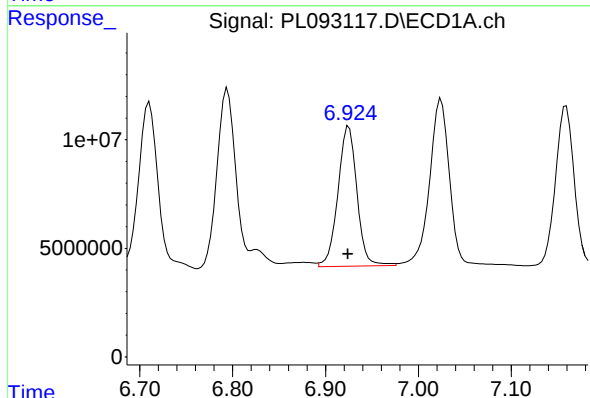
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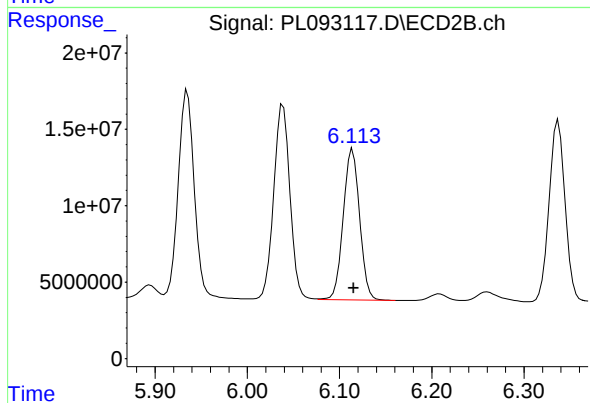
#17 4,4'-DDT

R.T.: 6.039 min
Delta R.T.: -0.001 min
Response: 155139461
Conc: 57.84 ng/ml



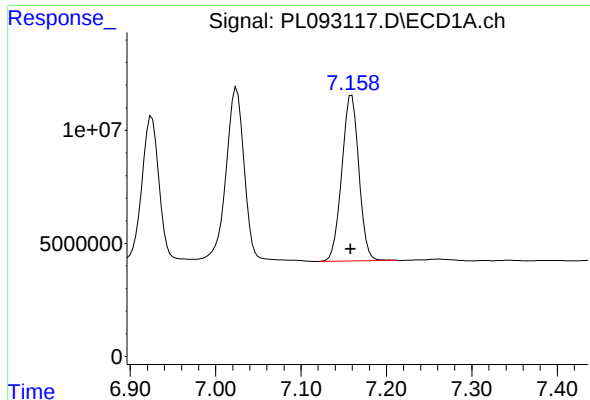
#18 Endrin aldehyde

R.T.: 6.925 min
Delta R.T.: 0.001 min
Response: 91703829
Conc: 48.83 ng/ml



#18 Endrin aldehyde

R.T.: 6.114 min
Delta R.T.: -0.001 min
Response: 121299613
Conc: 52.57 ng/ml



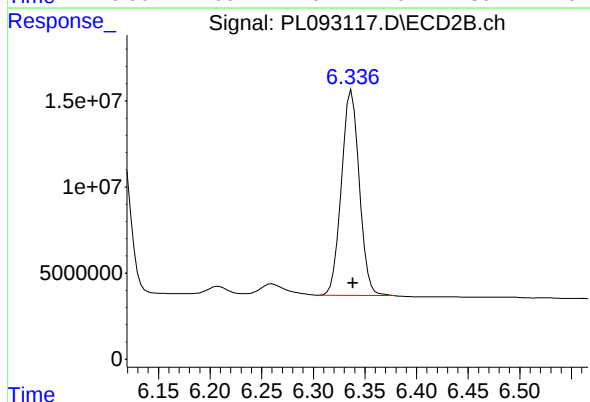
#19 Endosulfan Sulfate

R.T.: 7.159 min
Delta R.T.: 0.000 min
Response: 101774013
Conc: 46.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH2-BOT-007MSD

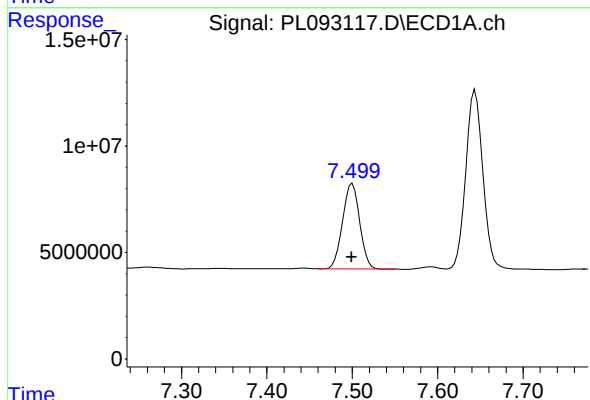
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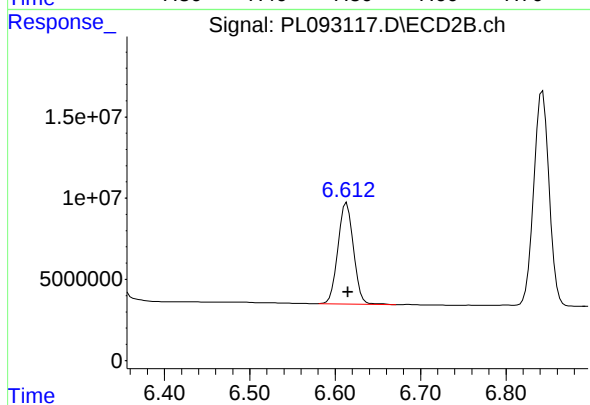
#19 Endosulfan Sulfate

R.T.: 6.337 min
Delta R.T.: -0.001 min
Response: 143451719
Conc: 53.19 ng/ml



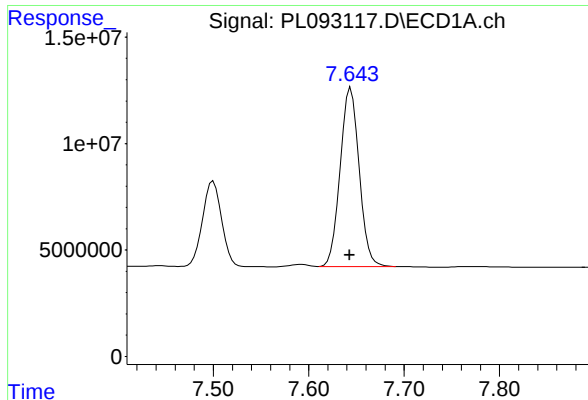
#20 Methoxychlor

R.T.: 7.500 min
Delta R.T.: 0.000 min
Response: 55827441
Conc: 48.97 ng/ml



#20 Methoxychlor

R.T.: 6.614 min
Delta R.T.: -0.001 min
Response: 78306910
Conc: 54.84 ng/ml



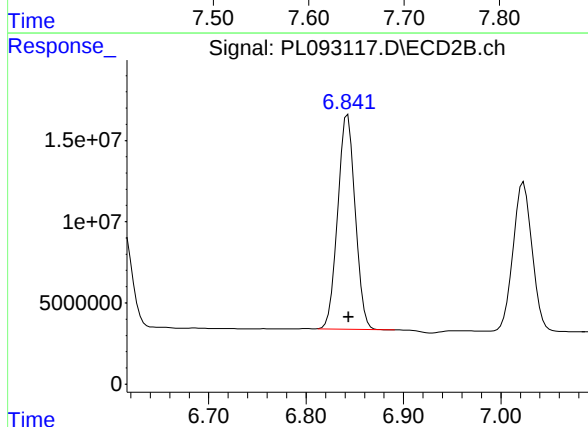
#21 Endrin ketone

R.T.: 7.644 min
Delta R.T.: 0.000 min
Response: 116551344
Conc: 48.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH2-BOT-007MSD

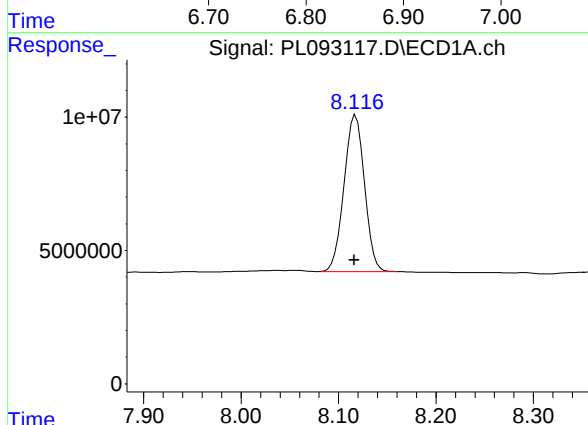
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/19/2024
Supervised By :Ankita Jodhani 11/19/2024



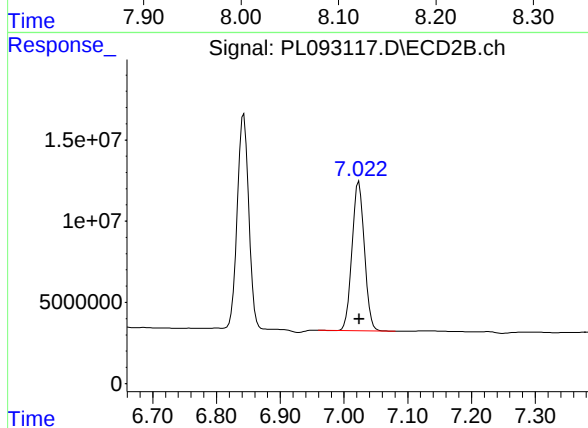
#21 Endrin ketone

R.T.: 6.843 min
Delta R.T.: 0.000 min
Response: 164562622
Conc: 53.62 ng/ml



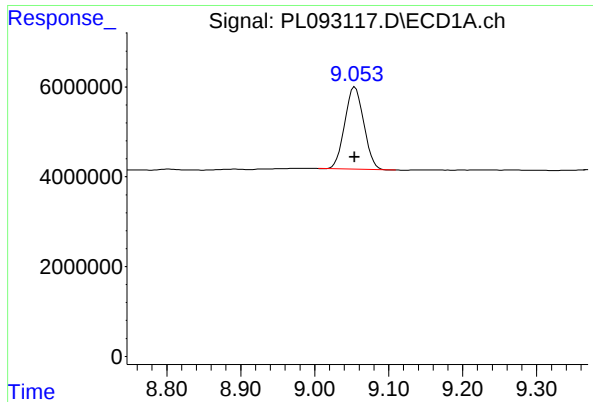
#22 Mirex

R.T.: 8.118 min
Delta R.T.: 0.001 min
Response: 85545714
Conc: 43.17 ng/ml



#22 Mirex

R.T.: 7.023 min
Delta R.T.: 0.000 min
Response: 124323380
Conc: 47.65 ng/ml



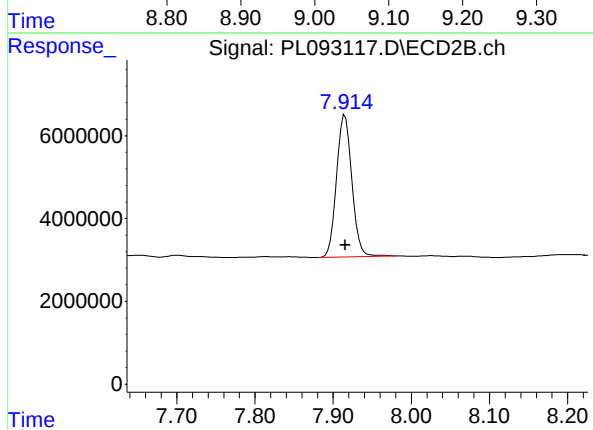
#28 Decachlorobiphenyl

R.T.: 9.054 min
Delta R.T.: 0.000 min
Response: 32677505
Conc: 16.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH2-BOT-007MSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.915 min
Delta R.T.: 0.000 min
Response: 46756709
Conc: 17.13 ng/ml