

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL112124\
 Data File : PL093209.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Nov 2024 14:40
 Operator : AR\AJ
 Sample : P4938-01MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MH-732MSD

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 23:44:27 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...	3.535	2.774	50042533	51360718	20.424m	18.875
28) SA Decachlor...	9.057	7.914	32150204	49839887	16.705	18.261
Target Compounds						
2) A alpha-BHC	3.993	3.277	175.1E6	208.1E6	51.638	52.155
3) MA gamma-BHC...	4.325	3.607	164.3E6	199.9E6	50.412	51.802
4) MA Heptachlor	4.914	3.946	153.3E6	205.6E6	51.048	54.480
5) MB Aldrin	5.256	4.226	146.7E6	198.0E6	48.873	54.083
6) B beta-BHC	4.523	3.907	75991339	89788077	52.572	54.541
7) B delta-BHC	4.771	4.136	130.2E6	168.5E6	41.608	43.855
8) B Heptachlo...	5.682	4.729	135.6E6	184.3E6	49.109	55.170
9) A Endosulfan I	6.069	5.099	126.8E6	168.3E6	50.680	55.117
10) B gamma-Chl...	5.939	4.978	132.1E6	193.1E6	49.644	57.448m
11) B alpha-Chl...	6.018	5.042	135.3E6	191.4E6	51.107	57.543
12) B 4,4'-DDE	6.191	5.231	120.6E6	187.5E6	50.913	58.209
13) MA Dieldrin	6.344	5.363	132.5E6	192.0E6	50.278	57.473
14) MA Endrin	6.572	5.639	109.5E6	169.3E6	48.101m	58.506
15) B Endosulfa...	6.794	5.934	119.1E6	168.3E6	49.942	59.387
16) A 4,4'-DDD	6.709	5.787	100.2E6	149.6E6	52.226m	60.086
17) MA 4,4'-DDT	7.024	6.036	101.4E6	151.8E6	49.010	56.582m
18) B Endrin al...	6.922	6.113	91321931	128.2E6	48.628m	55.553
19) B Endosulfa...	7.159	6.336	104.4E6	148.7E6	48.087	55.136
20) A Methoxychlor	7.500	6.613	54975030	78022396	48.224	54.636
21) B Endrin ke...	7.644	6.842	125.1E6	180.6E6	51.639	58.852
22) Mirex	8.118	7.021	88893027	134.7E6	44.857	51.631m

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

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Data File : PL093209.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2024 14:40
Operator : AR\AJ
Sample : P4938-01MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

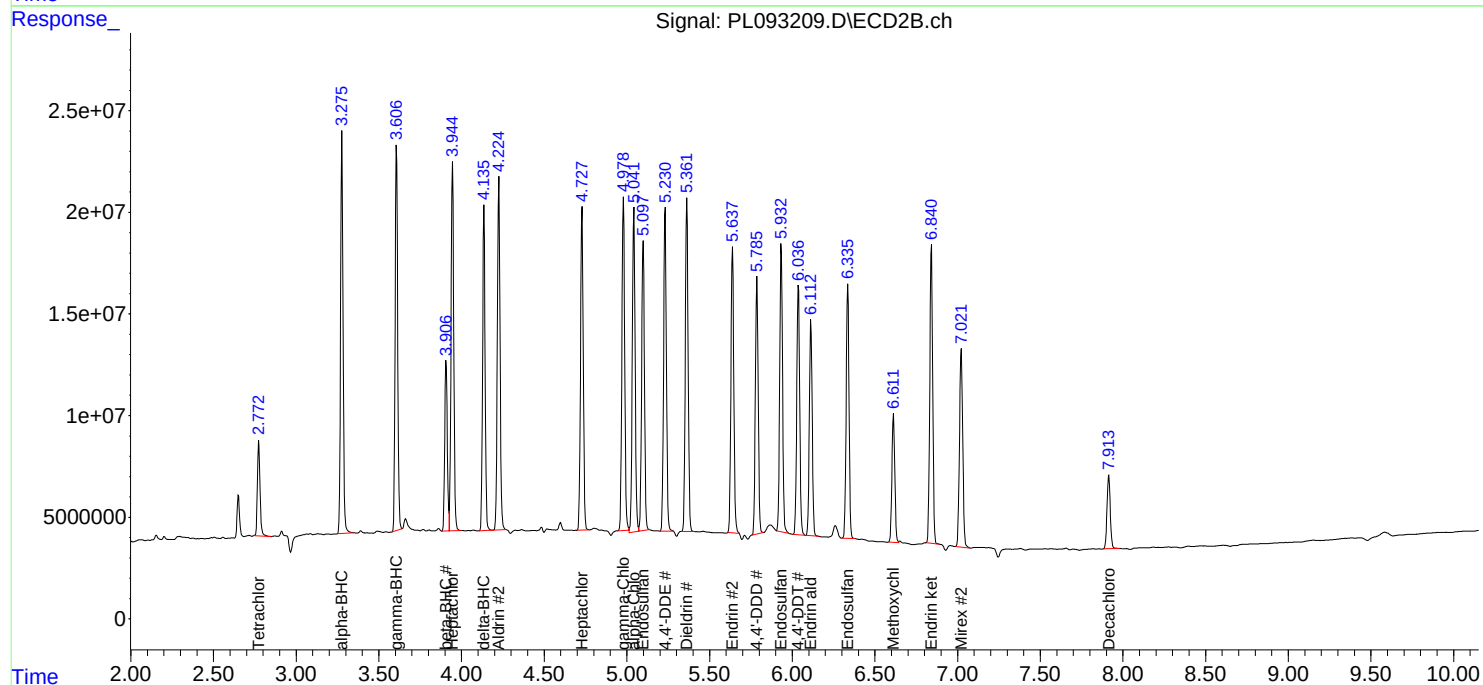
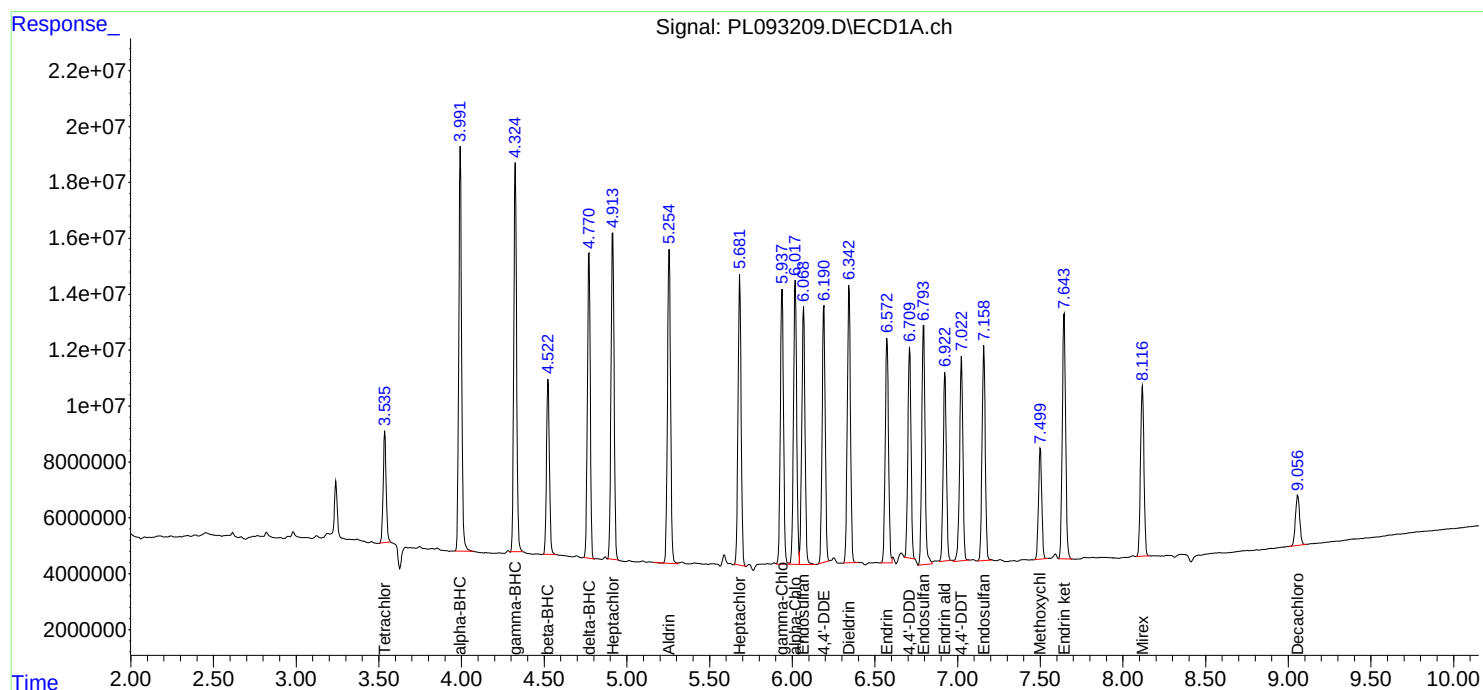
Instrument :
ECD_L
ClientSampleId :
MH-732MSD

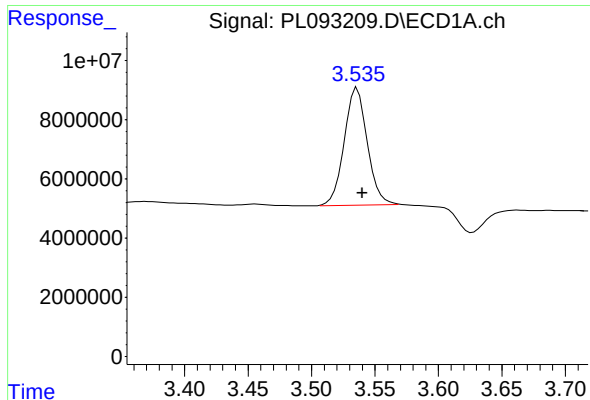
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 23:44:27 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
Quant Title : GC Extractables
QLast Update : Mon Oct 28 18:58:23 2024
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





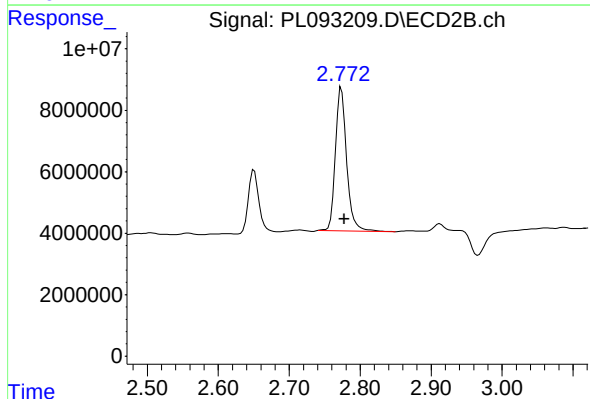
#1 Tetrachloro-m-xylene

R.T.: 3.535 min
Delta R.T.: -0.005 min
Response: 50042533
Conc: 20.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-732MSD

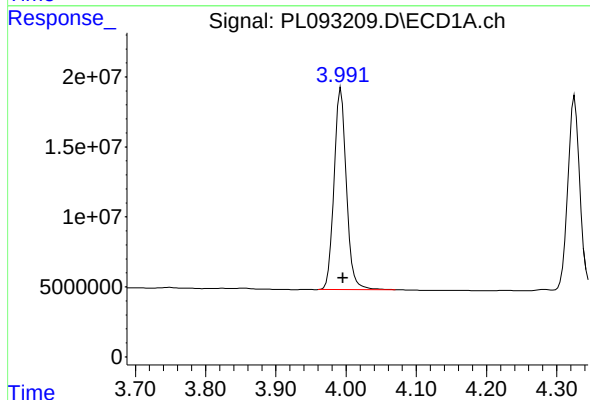
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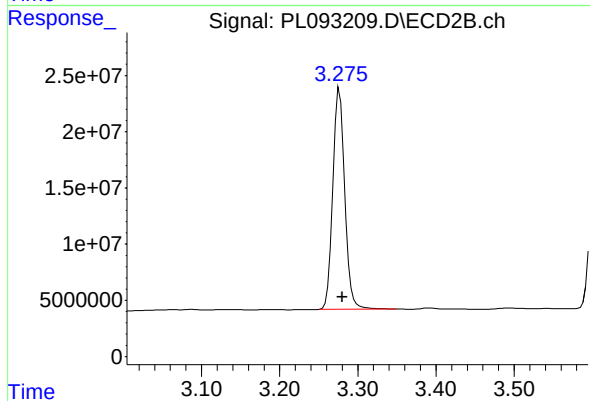
#1 Tetrachloro-m-xylene

R.T.: 2.774 min
Delta R.T.: -0.004 min
Response: 51360718
Conc: 18.87 ng/ml



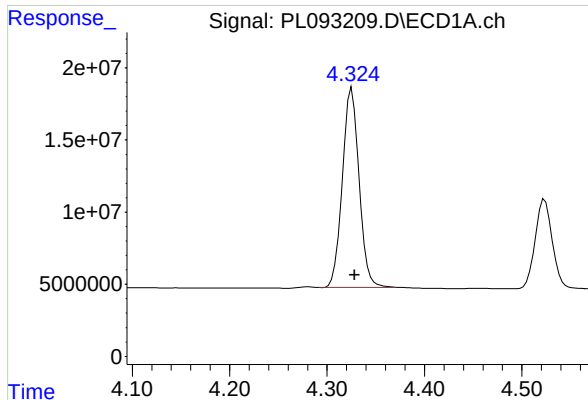
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: -0.003 min
Response: 175132410
Conc: 51.64 ng/ml



#2 alpha-BHC

R.T.: 3.277 min
Delta R.T.: -0.004 min
Response: 208107066
Conc: 52.15 ng/ml



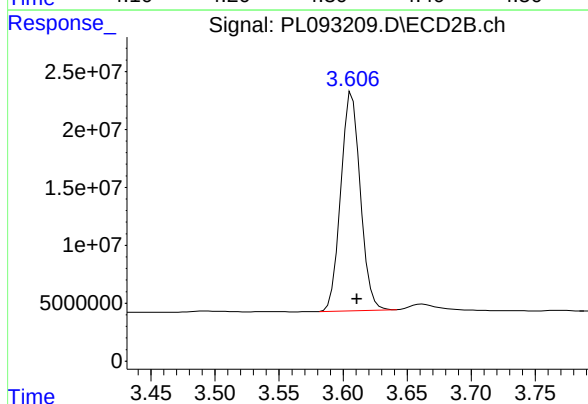
#3 gamma-BHC (Lindane)

R.T.: 4.325 min
Delta R.T.: -0.003 min
Response: 164320158
Conc: 50.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-732MSD

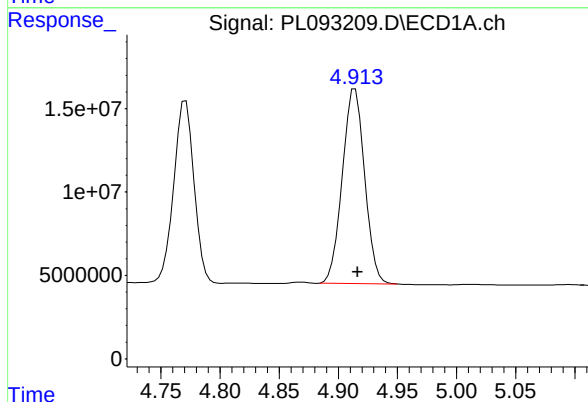
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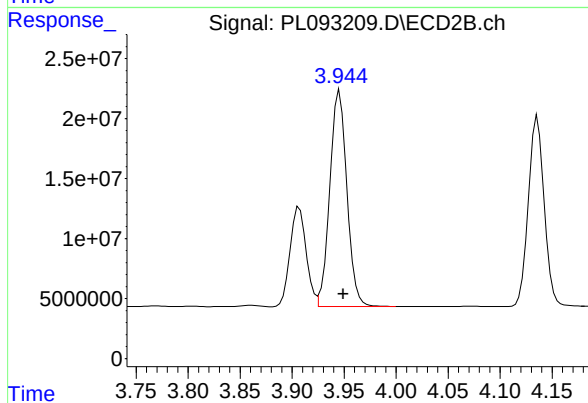
#3 gamma-BHC (Lindane)

R.T.: 3.607 min
Delta R.T.: -0.004 min
Response: 199929142
Conc: 51.80 ng/ml



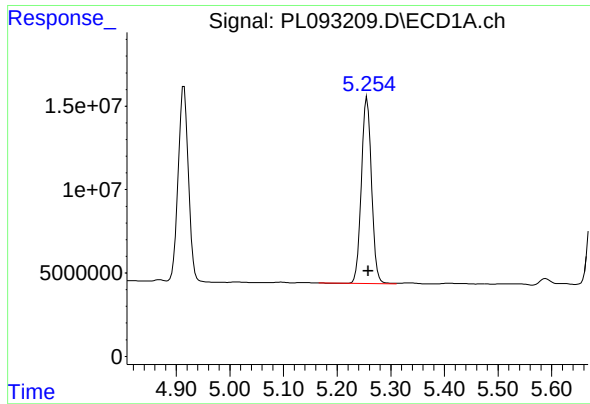
#4 Heptachlor

R.T.: 4.914 min
Delta R.T.: -0.002 min
Response: 153303935
Conc: 51.05 ng/ml



#4 Heptachlor

R.T.: 3.946 min
Delta R.T.: -0.004 min
Response: 205603136
Conc: 54.48 ng/ml



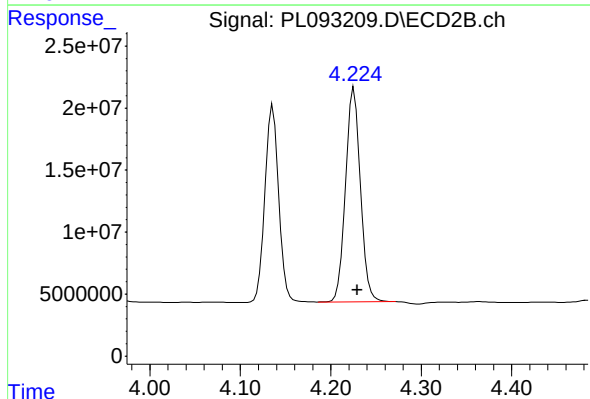
#5 Aldrin

R.T.: 5.256 min
Delta R.T.: -0.002 min
Response: 146690096
Conc: 48.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-732MSD

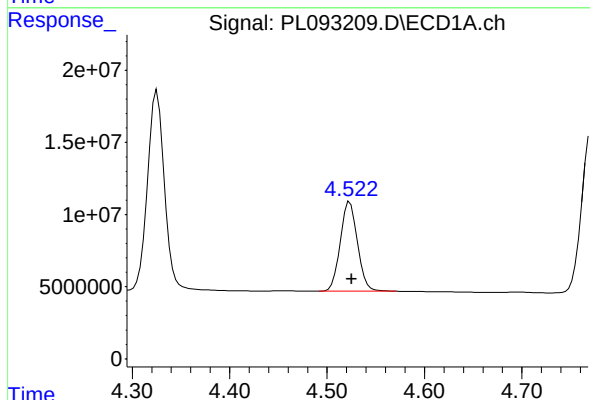
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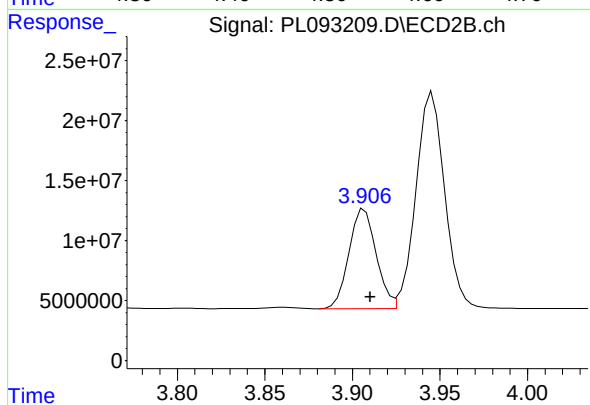
#5 Aldrin

R.T.: 4.226 min
Delta R.T.: -0.004 min
Response: 197954176
Conc: 54.08 ng/ml



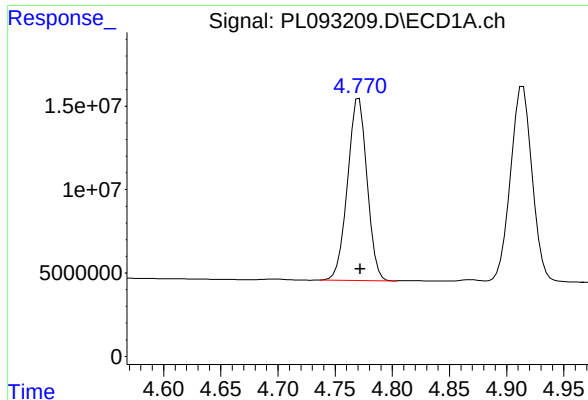
#6 beta-BHC

R.T.: 4.523 min
Delta R.T.: -0.002 min
Response: 75991339
Conc: 52.57 ng/ml



#6 beta-BHC

R.T.: 3.907 min
Delta R.T.: -0.003 min
Response: 89788077
Conc: 54.54 ng/ml



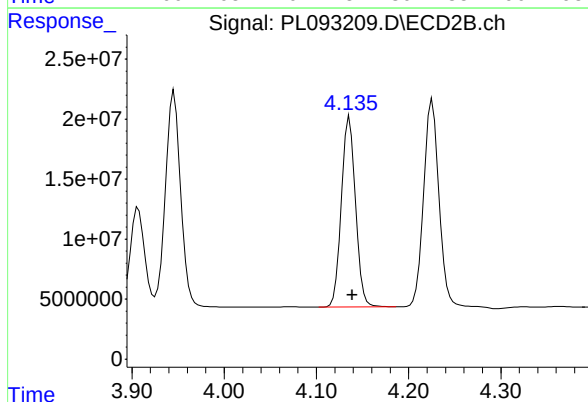
#7 delta-BHC

R.T.: 4.771 min
Delta R.T.: -0.001 min
Response: 130227701
Conc: 41.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-732MSD

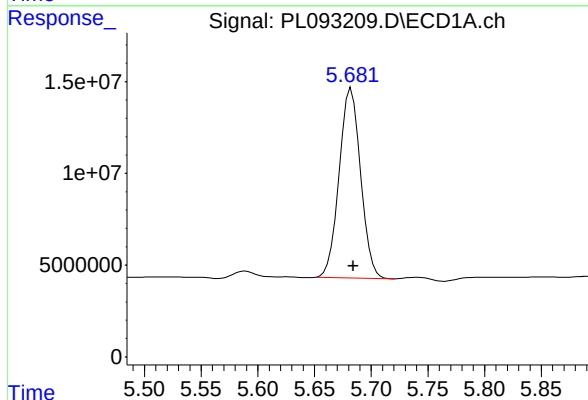
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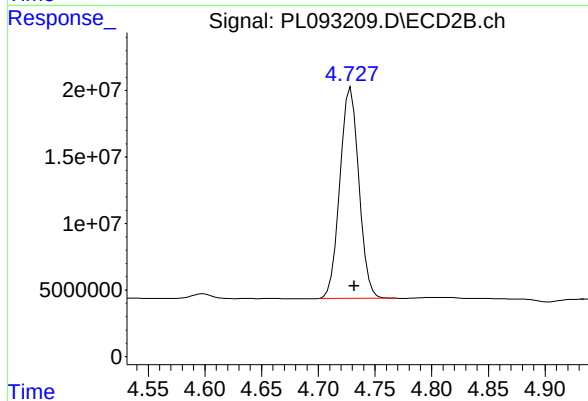
#7 delta-BHC

R.T.: 4.136 min
Delta R.T.: -0.003 min
Response: 168539728
Conc: 43.85 ng/ml



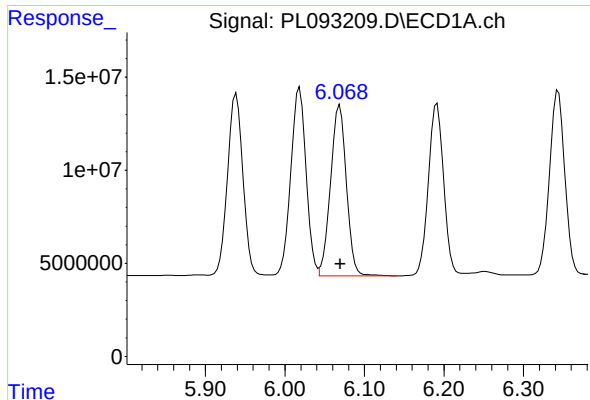
#8 Heptachlor epoxide

R.T.: 5.682 min
Delta R.T.: -0.002 min
Response: 135608920
Conc: 49.11 ng/ml



#8 Heptachlor epoxide

R.T.: 4.729 min
Delta R.T.: -0.003 min
Response: 184344417
Conc: 55.17 ng/ml



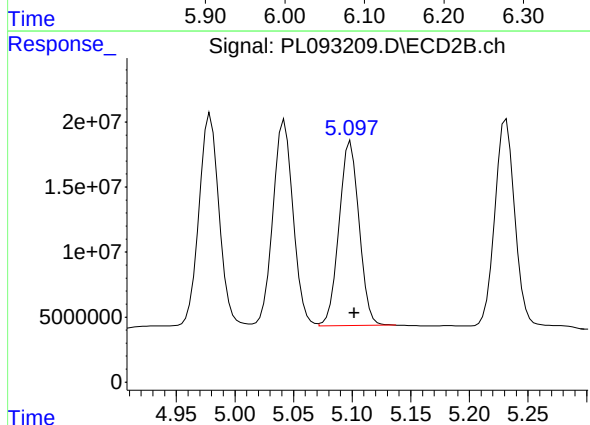
#9 Endosulfan I

R.T.: 6.069 min
Delta R.T.: 0.000 min
Response: 126768305
Conc: 50.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-732MSD

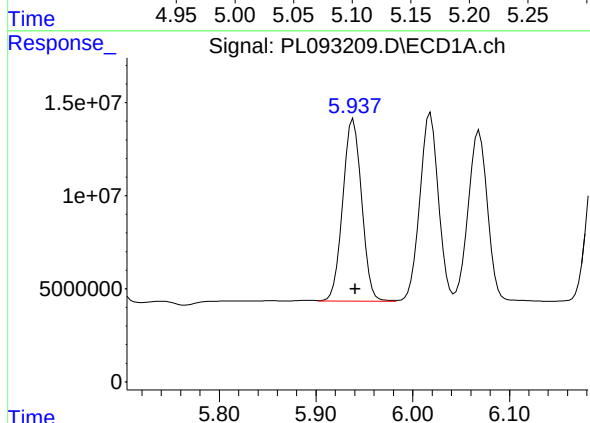
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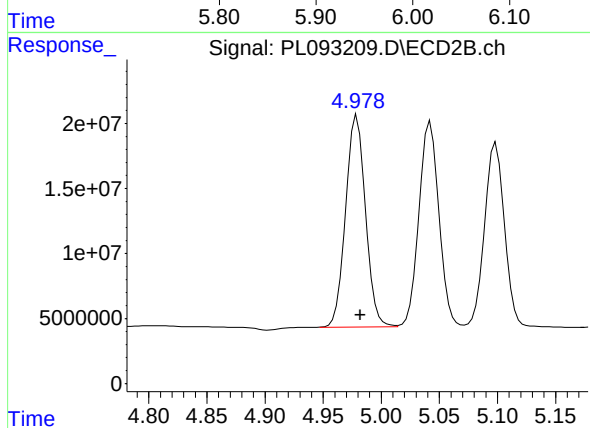
#9 Endosulfan I

R.T.: 5.099 min
Delta R.T.: -0.003 min
Response: 168279410
Conc: 55.12 ng/ml



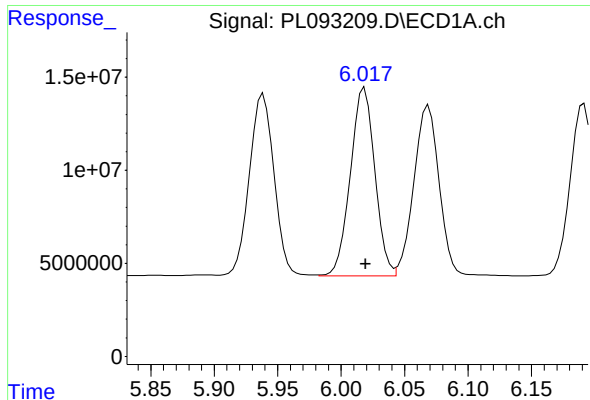
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: -0.002 min
Response: 132085656
Conc: 49.64 ng/ml



#10 gamma-Chlordane

R.T.: 4.978 min
Delta R.T.: -0.004 min
Response: 193123682
Conc: 57.45 ng/ml m



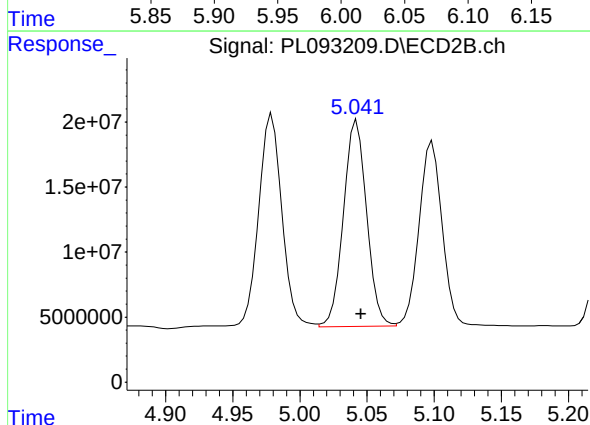
#11 alpha-Chlordane

R.T.: 6.018 min
Delta R.T.: 0.000 min
Response: 135339089
Conc: 51.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-732MSD

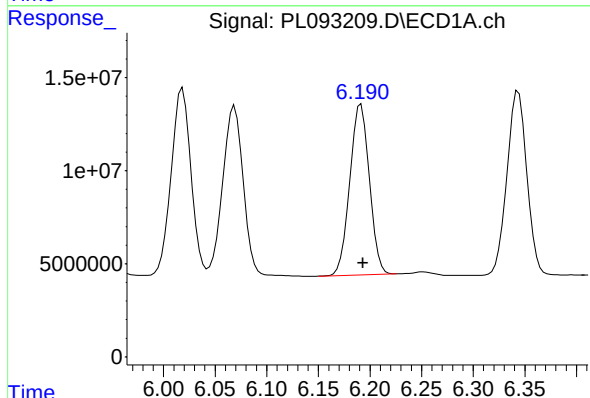
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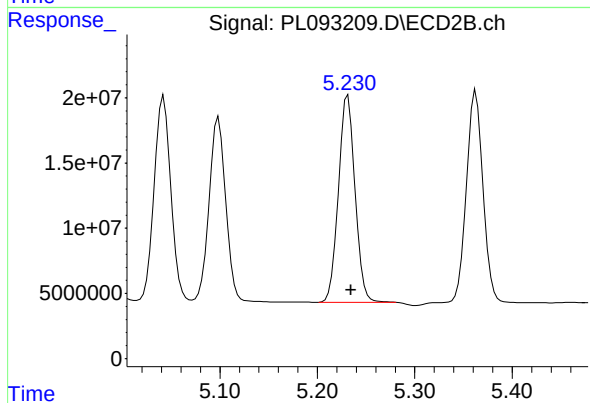
#11 alpha-Chlordane

R.T.: 5.042 min
Delta R.T.: -0.003 min
Response: 191388894
Conc: 57.54 ng/ml



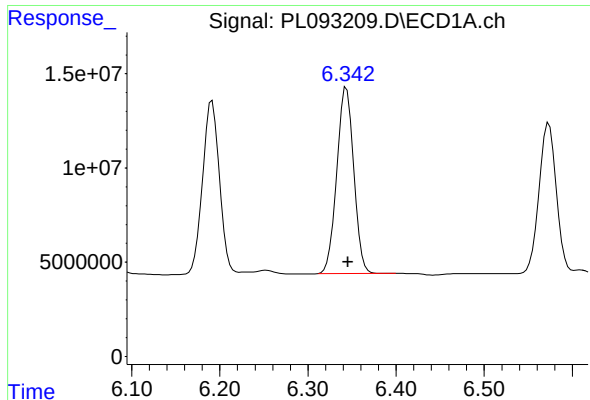
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: -0.002 min
Response: 120623347
Conc: 50.91 ng/ml



#12 4,4'-DDE

R.T.: 5.231 min
Delta R.T.: -0.003 min
Response: 187525805
Conc: 58.21 ng/ml



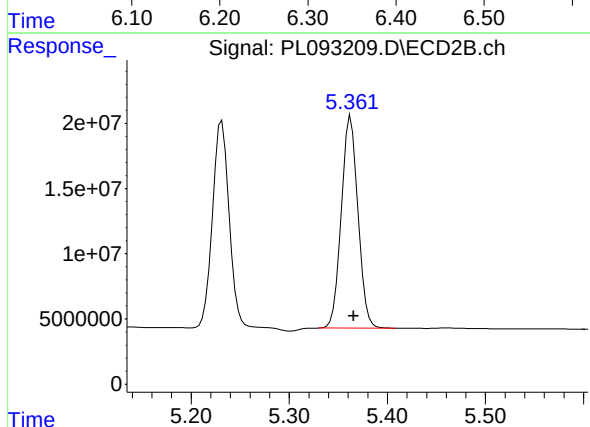
#13 Dieldrin

R.T.: 6.344 min
Delta R.T.: -0.001 min
Response: 132505753
Conc: 50.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-732MSD

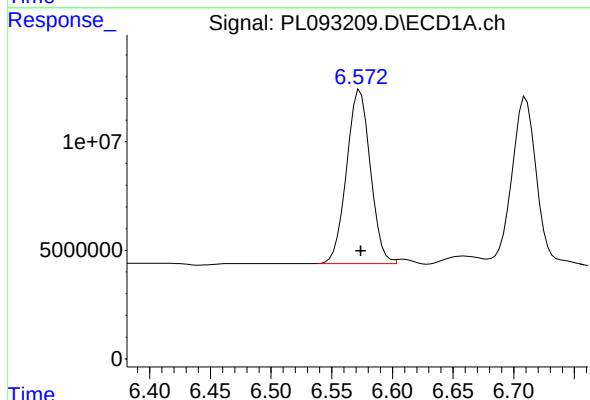
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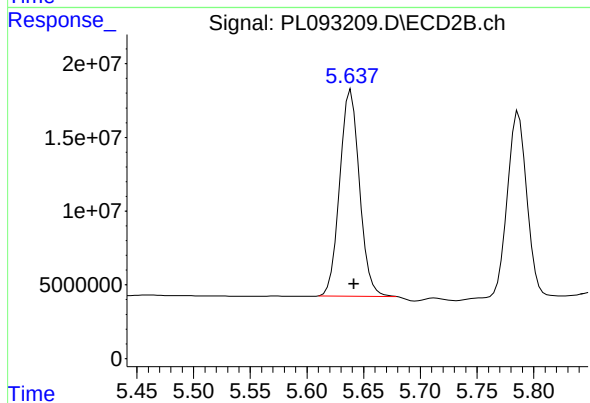
#13 Dieldrin

R.T.: 5.363 min
Delta R.T.: -0.003 min
Response: 191977918
Conc: 57.47 ng/ml



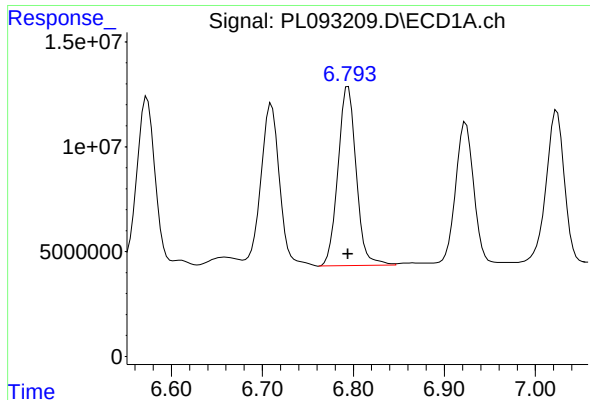
#14 Endrin

R.T.: 6.572 min
Delta R.T.: -0.002 min
Response: 109509441
Conc: 48.10 ng/ml m



#14 Endrin

R.T.: 5.639 min
Delta R.T.: -0.003 min
Response: 169259565
Conc: 58.51 ng/ml



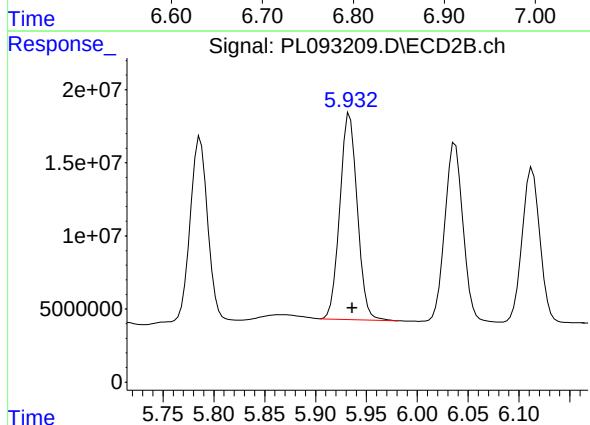
#15 Endosulfan II

R.T.: 6.794 min
Delta R.T.: 0.000 min
Response: 119052241
Conc: 49.94 ng/ml

Instrument :
ECD_L
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MH-732MSD

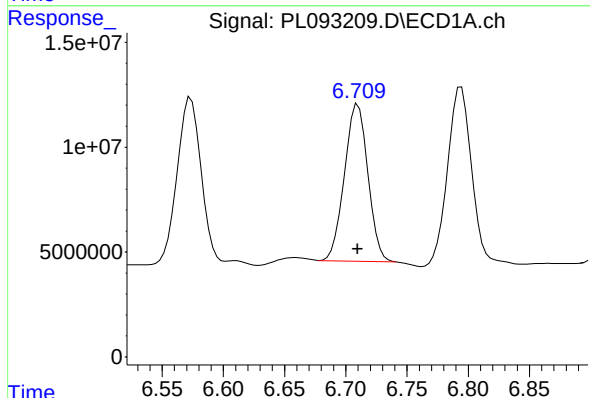
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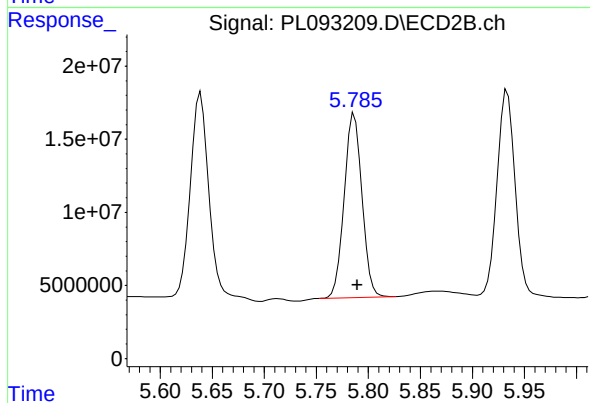
#15 Endosulfan II

R.T.: 5.934 min
Delta R.T.: -0.002 min
Response: 168258874
Conc: 59.39 ng/ml



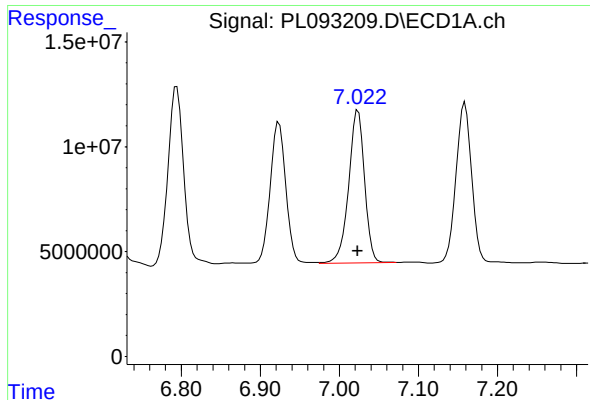
#16 4,4'-DDD

R.T.: 6.709 min
Delta R.T.: -0.001 min
Response: 100248975
Conc: 52.23 ng/ml m



#16 4,4'-DDD

R.T.: 5.787 min
Delta R.T.: -0.003 min
Response: 149619133
Conc: 60.09 ng/ml



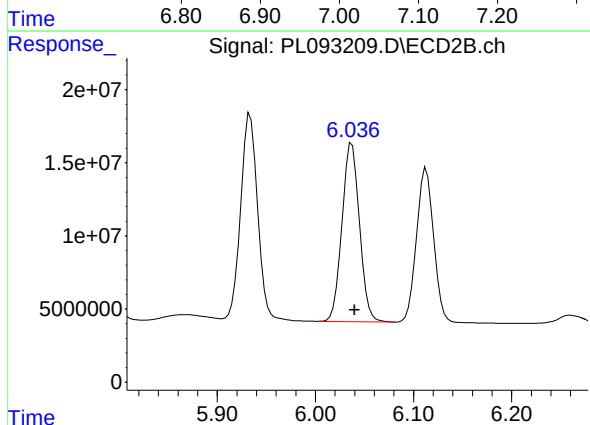
#17 4,4'-DDT

R.T.: 7.024 min
Delta R.T.: 0.000 min
Response: 101438016
Conc: 49.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-732MSD

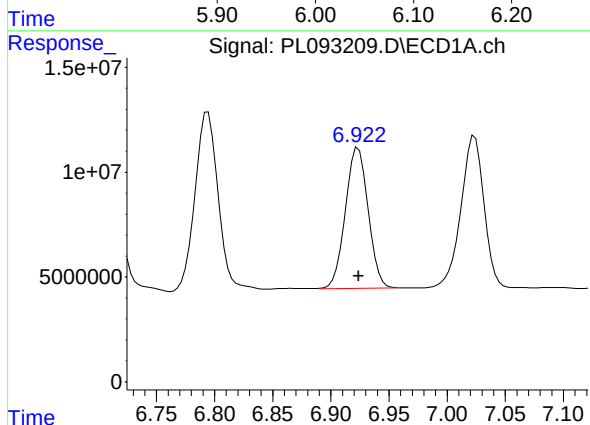
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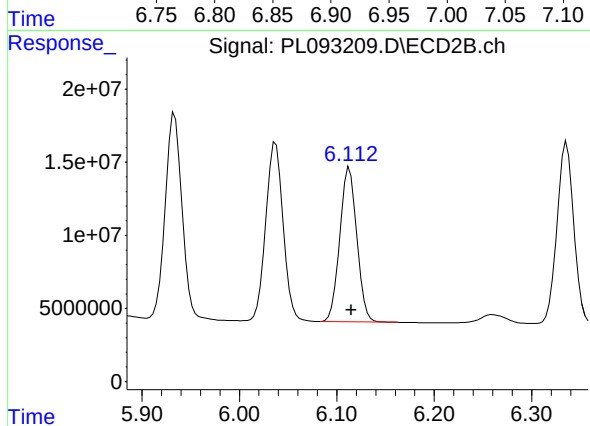
#17 4,4'-DDT

R.T.: 6.036 min
Delta R.T.: -0.004 min
Response: 151766753
Conc: 56.58 ng/ml



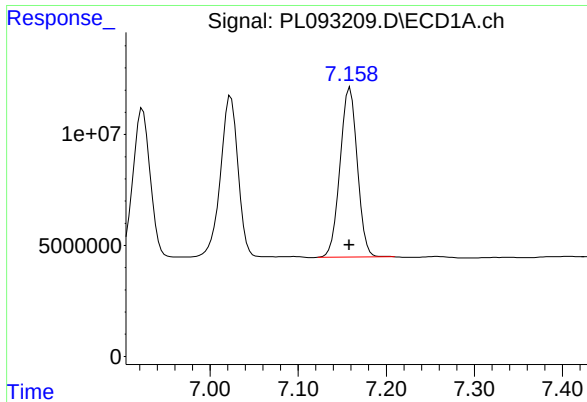
#18 Endrin aldehyde

R.T.: 6.922 min
Delta R.T.: -0.002 min
Response: 91321931
Conc: 48.63 ng/ml



#18 Endrin aldehyde

R.T.: 6.113 min
Delta R.T.: -0.002 min
Response: 128176581
Conc: 55.55 ng/ml



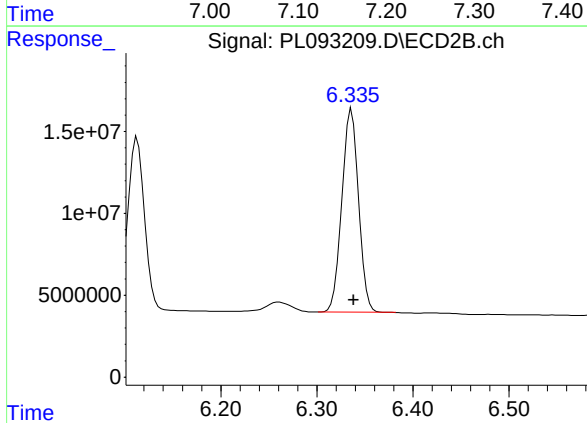
#19 Endosulfan Sulfate

R.T.: 7.159 min
Delta R.T.: 0.000 min
Response: 104365854
Conc: 48.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-732MSD

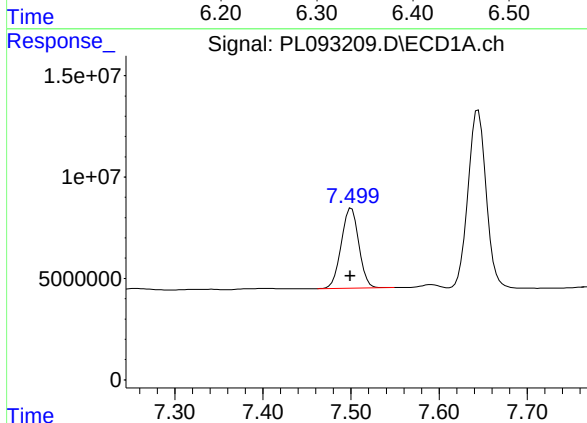
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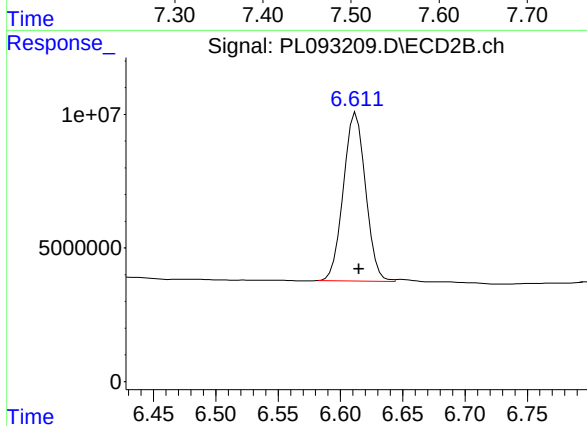
#19 Endosulfan Sulfate

R.T.: 6.336 min
Delta R.T.: -0.002 min
Response: 148695975
Conc: 55.14 ng/ml



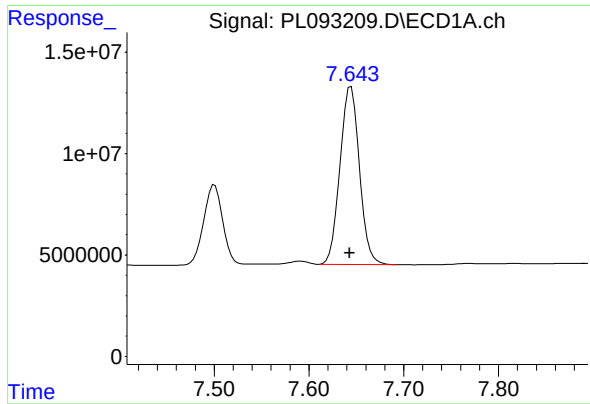
#20 Methoxychlor

R.T.: 7.500 min
Delta R.T.: 0.000 min
Response: 54975030
Conc: 48.22 ng/ml



#20 Methoxychlor

R.T.: 6.613 min
Delta R.T.: -0.002 min
Response: 78022396
Conc: 54.64 ng/ml



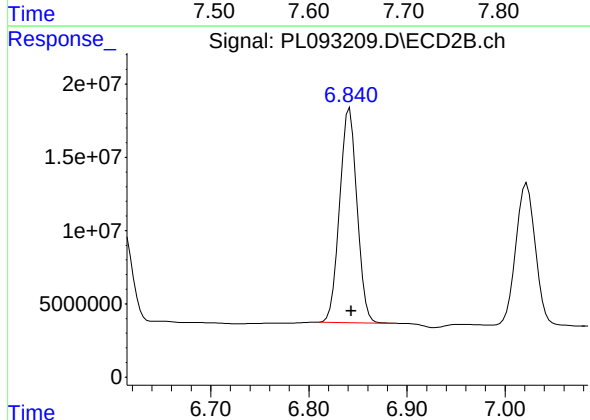
#21 Endrin ketone

R.T.: 7.644 min
Delta R.T.: 0.001 min
Response: 125112821
Conc: 51.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-732MSD

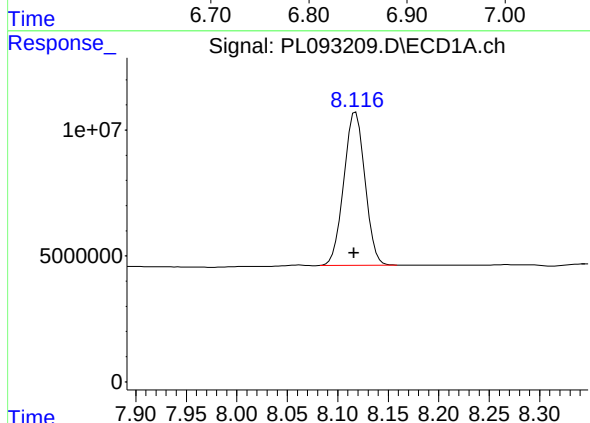
Manual Integrations
APPROVED

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



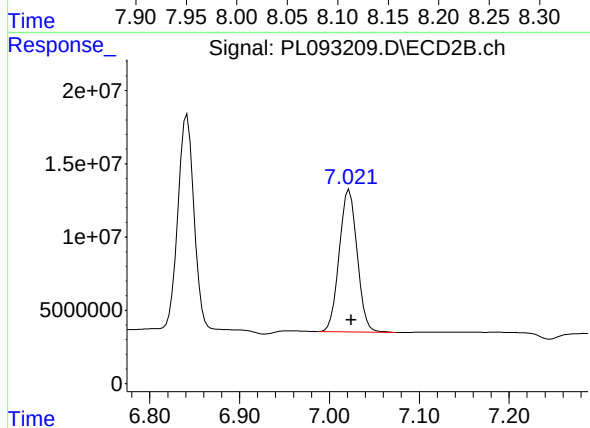
#21 Endrin ketone

R.T.: 6.842 min
Delta R.T.: -0.002 min
Response: 180604270
Conc: 58.85 ng/ml



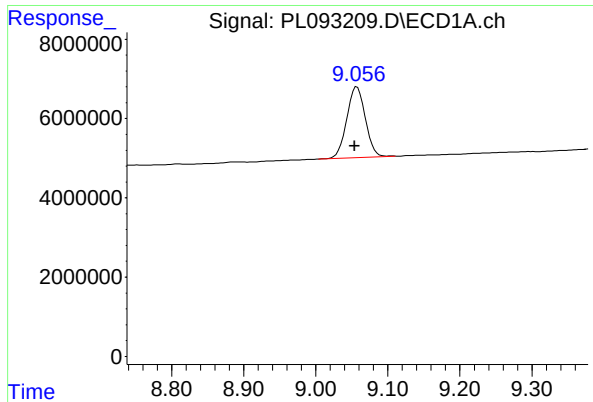
#22 Mirex

R.T.: 8.118 min
Delta R.T.: 0.002 min
Response: 88893027
Conc: 44.86 ng/ml



#22 Mirex

R.T.: 7.021 min
Delta R.T.: -0.004 min
Response: 134708966
Conc: 51.63 ng/ml m



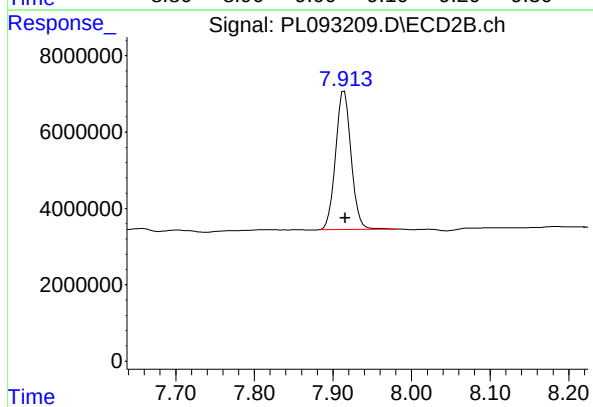
#28 Decachlorobiphenyl

R.T.: 9.057 min
Delta R.T.: 0.003 min
Response: 32150204
Conc: 16.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-732MSD

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#28 Decachlorobiphenyl

R.T.: 7.914 min
Delta R.T.: -0.001 min
Response: 49839887
Conc: 18.26 ng/ml