

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111424\
 Data File : PL093062.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Nov 2024 13:45
 Operator : AR\AJ
 Sample : P4833-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MH-731MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/15/2024
 Supervised By :Ankita Jodhani 11/15/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 15 00:43:26 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...	3.537	2.776	48258037	52256616	19.695m	19.204
28) SA Decachlor...	9.053	7.914	34699766	49950756	18.030	18.302
Target Compounds						
2) A alpha-BHC	3.995	3.279	168.1E6	217.6E6	49.570	54.523
3) MA gamma-BHC...	4.327	3.609	160.9E6	207.3E6	49.358	53.711
4) MA Heptachlor	4.915	3.948	153.3E6	211.8E6	51.063	56.112
5) MB Aldrin	5.257	4.227	146.4E6	200.7E6	48.761	54.844
6) B beta-BHC	4.525	3.908	75419985	91679988	52.177	55.690
7) B delta-BHC	4.772	4.138	129.3E6	171.6E6	41.320	44.654
8) B Heptachlo...	5.683	4.730	134.2E6	186.6E6	48.595	55.837
9) A Endosulfan I	6.069	5.100	124.4E6	174.1E6	49.749	57.034
10) B gamma-Chl...	5.940	4.980	131.5E6	199.4E6	49.411	59.308
11) B alpha-Chl...	6.019	5.044	133.5E6	191.2E6	50.395	57.489
12) B 4,4'-DDE	6.192	5.233	121.5E6	186.9E6	51.289	58.026
13) MA Dieldrin	6.344	5.364	130.8E6	188.6E6	49.642	56.448
14) MA Endrin	6.572	5.640	107.8E6	166.4E6	47.332m	57.513
15) B Endosulfa...	6.793	5.934	119.5E6	165.4E6	50.134	58.381
16) A 4,4'-DDD	6.709	5.788	104.5E6	150.5E6	54.443	60.445
17) MA 4,4'-DDT	7.023	6.037	102.7E6	146.6E6	49.617	54.660
18) B Endrin al...	6.922	6.114	90023839	124.1E6	47.937m	53.800
19) B Endosulfa...	7.158	6.336	102.5E6	145.3E6	47.236	53.886
20) A Methoxychlor	7.499	6.613	54285337	74579047	47.619	52.225
21) B Endrin ke...	7.643	6.841	119.5E6	172.2E6	49.338	56.104
22) Mirex	8.116	7.022	87711004	128.5E6	44.260	49.242

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

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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Nov 2024 13:45
Operator : AR\AJ
Sample : P4833-01MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

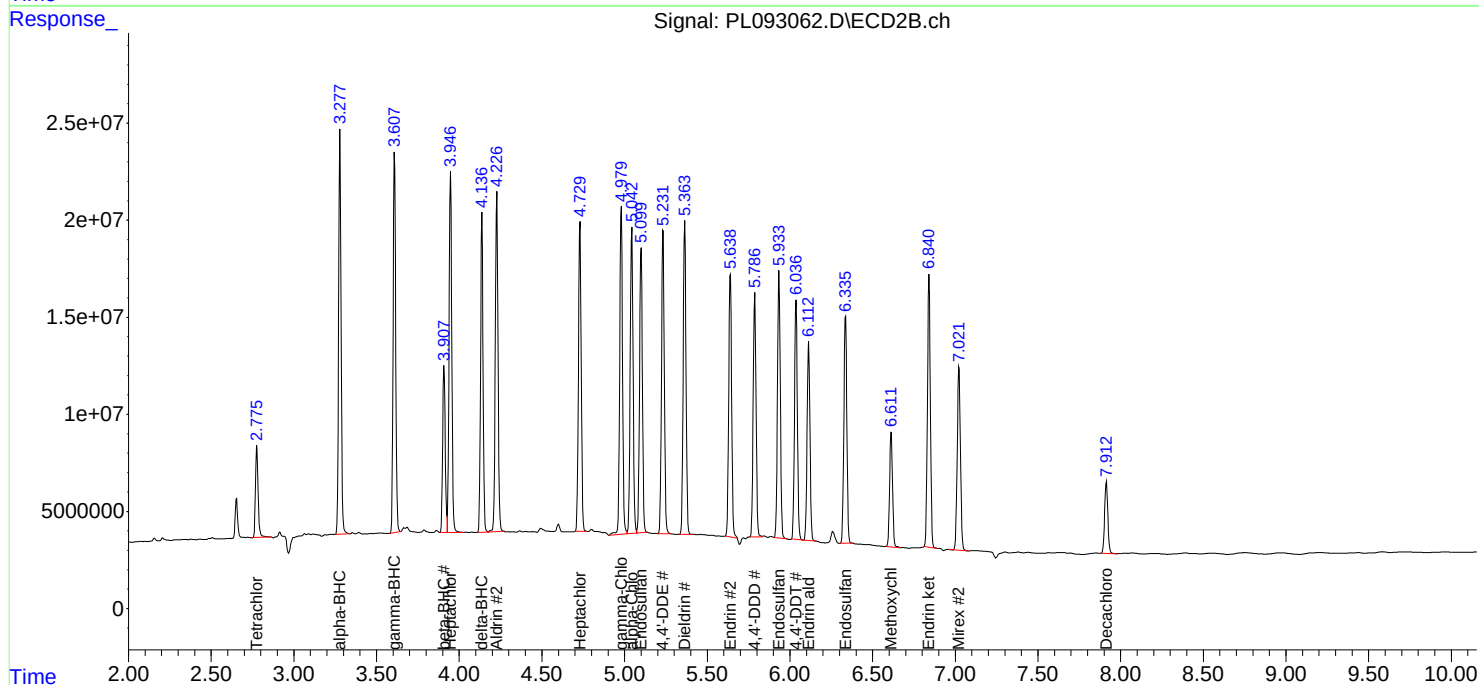
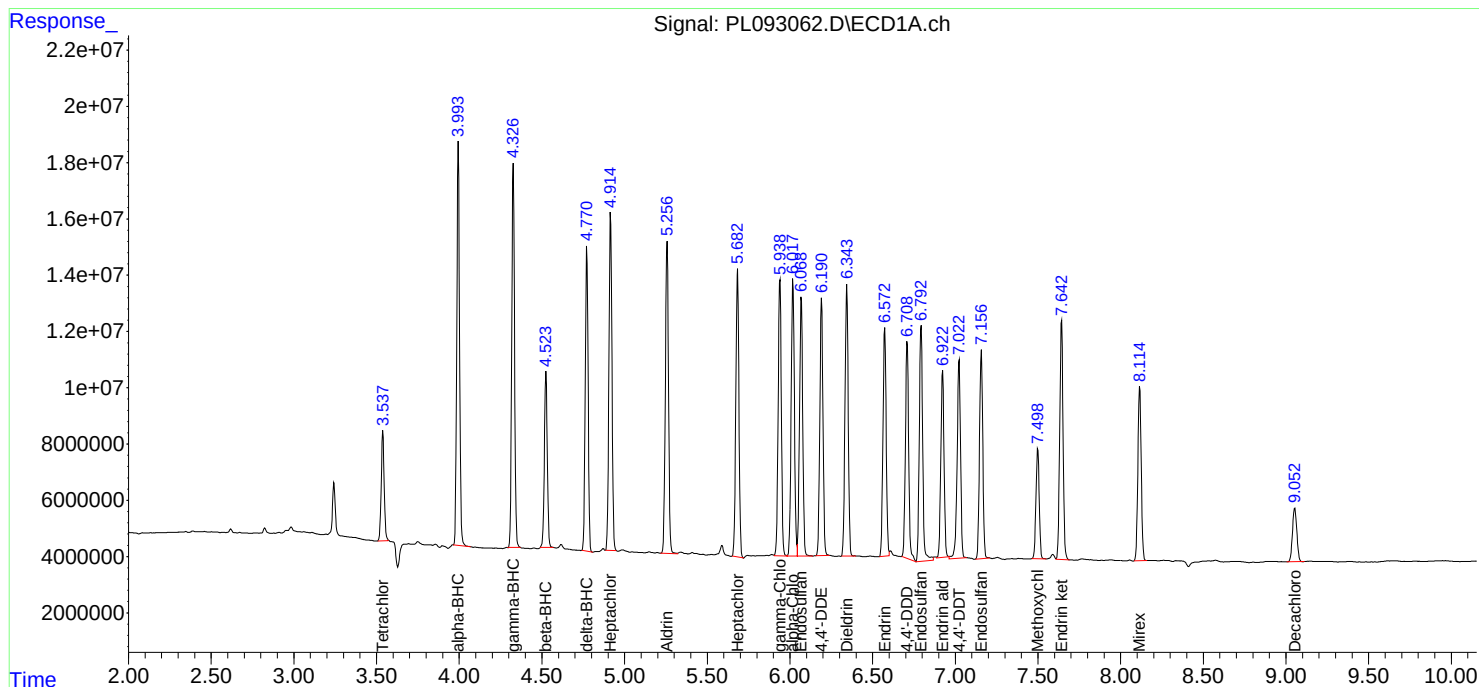
Instrument :
ECD_L
ClientSampleId :
MH-731MSD

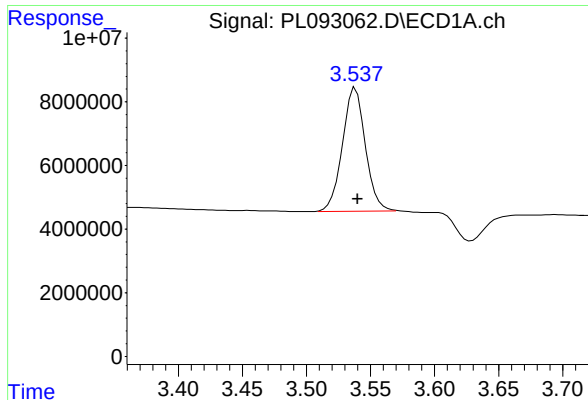
Manual Integrations
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Supervised By :Ankita Jodhani 11/15/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 15 00:43:26 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

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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





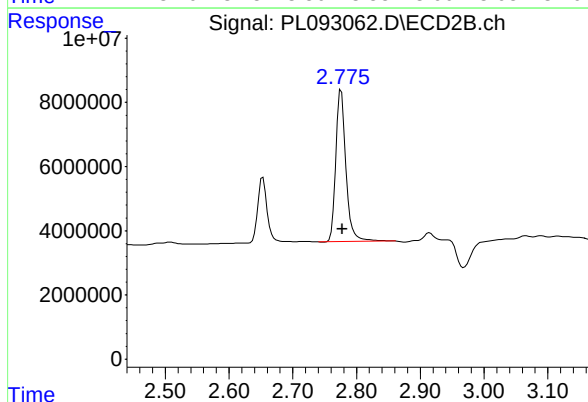
#1 Tetrachloro-m-xylene

R.T.: 3.537 min
Delta R.T.: -0.003 min
Response: 48258037
Conc: 19.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-731MSD

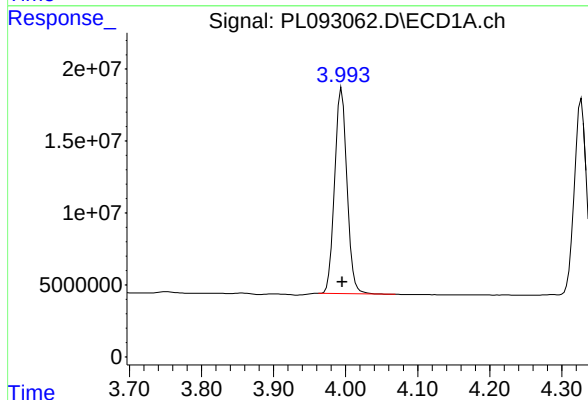
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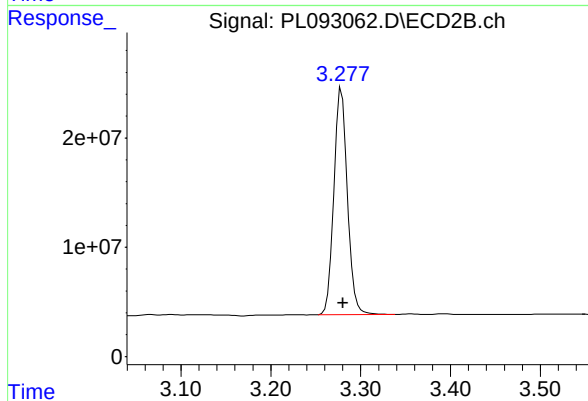
#1 Tetrachloro-m-xylene

R.T.: 2.776 min
Delta R.T.: -0.002 min
Response: 52256616
Conc: 19.20 ng/ml



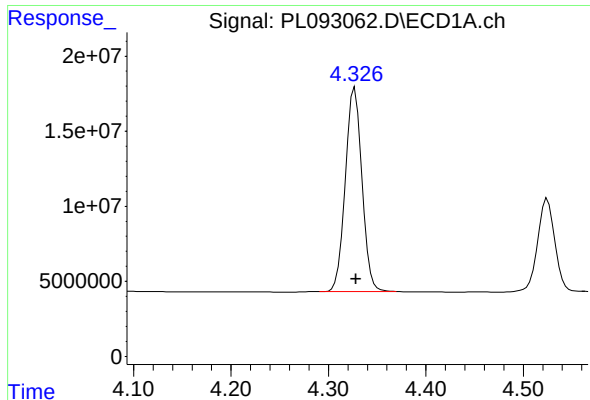
#2 alpha-BHC

R.T.: 3.995 min
Delta R.T.: -0.001 min
Response: 168118905
Conc: 49.57 ng/ml



#2 alpha-BHC

R.T.: 3.279 min
Delta R.T.: -0.002 min
Response: 217556373
Conc: 54.52 ng/ml



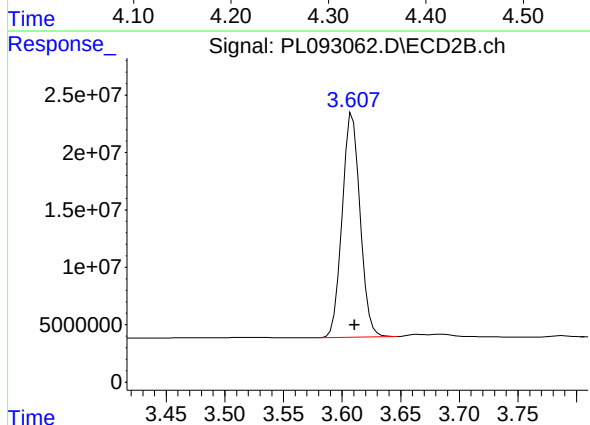
#3 gamma-BHC (Lindane)

R.T.: 4.327 min
Delta R.T.: -0.001 min
Response: 160885348
Conc: 49.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-731MSD

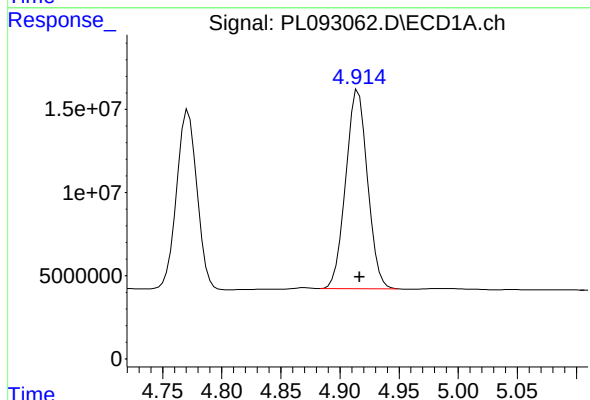
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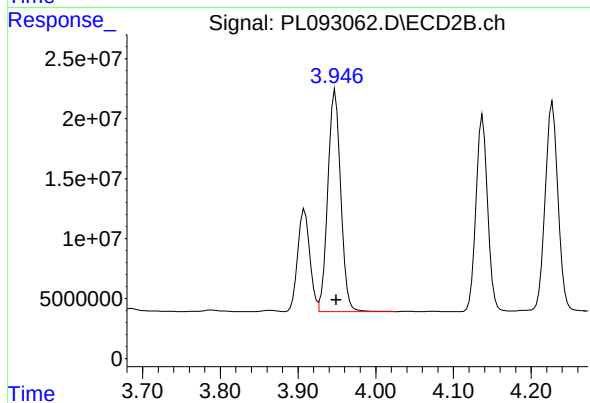
#3 gamma-BHC (Lindane)

R.T.: 3.609 min
Delta R.T.: -0.002 min
Response: 207294318
Conc: 53.71 ng/ml



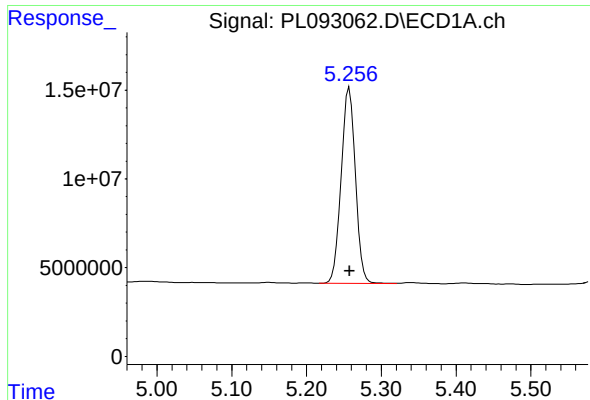
#4 Heptachlor

R.T.: 4.915 min
Delta R.T.: -0.001 min
Response: 153348967
Conc: 51.06 ng/ml



#4 Heptachlor

R.T.: 3.948 min
Delta R.T.: -0.002 min
Response: 211762657
Conc: 56.11 ng/ml



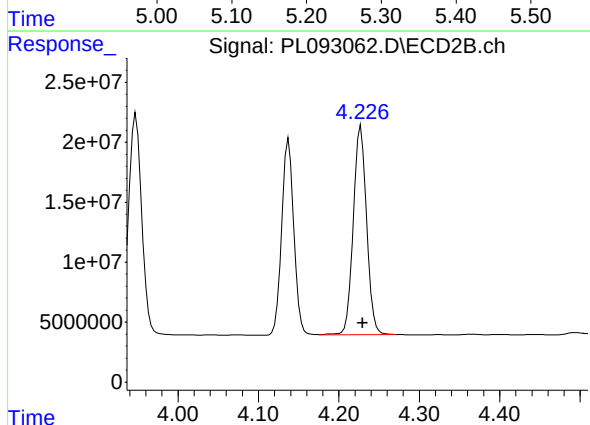
#5 Aldrin

R.T.: 5.257 min
Delta R.T.: 0.000 min
Response: 146356459
Conc: 48.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-731MSD

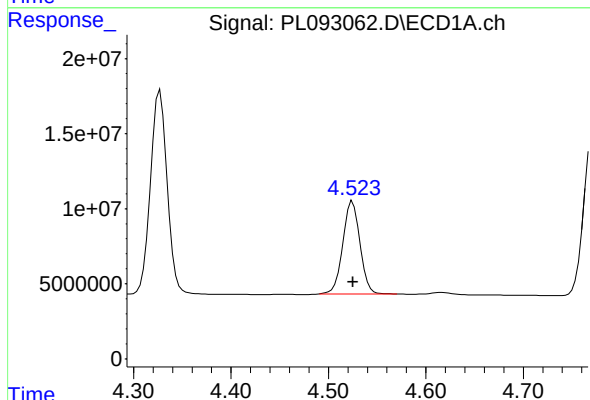
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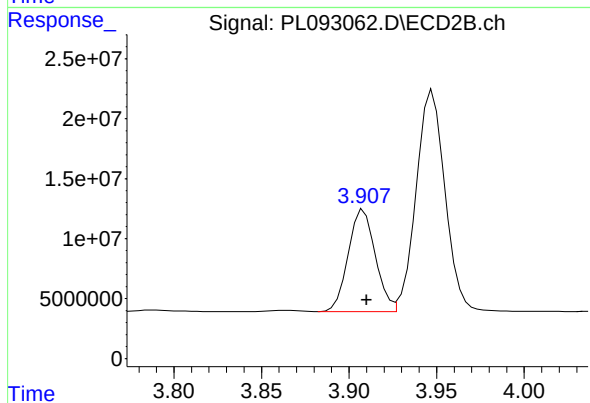
#5 Aldrin

R.T.: 4.227 min
Delta R.T.: -0.002 min
Response: 200741855
Conc: 54.84 ng/ml



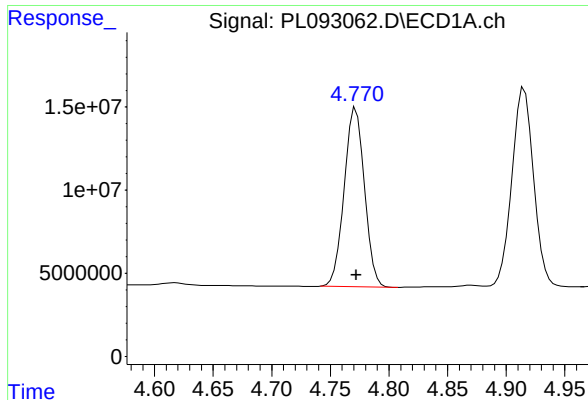
#6 beta-BHC

R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 75419985
Conc: 52.18 ng/ml



#6 beta-BHC

R.T.: 3.908 min
Delta R.T.: -0.002 min
Response: 91679988
Conc: 55.69 ng/ml



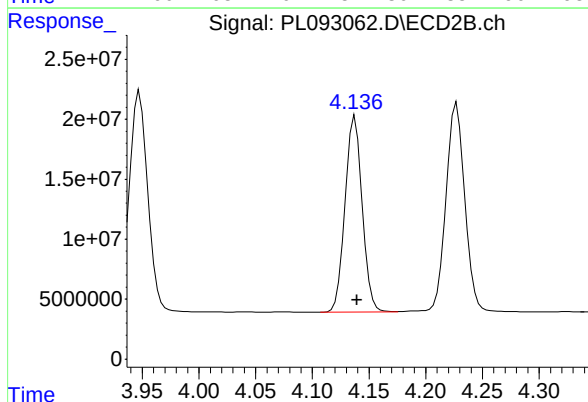
#7 delta-BHC

R.T.: 4.772 min
Delta R.T.: 0.000 min
Response: 129325135
Conc: 41.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-731MSD

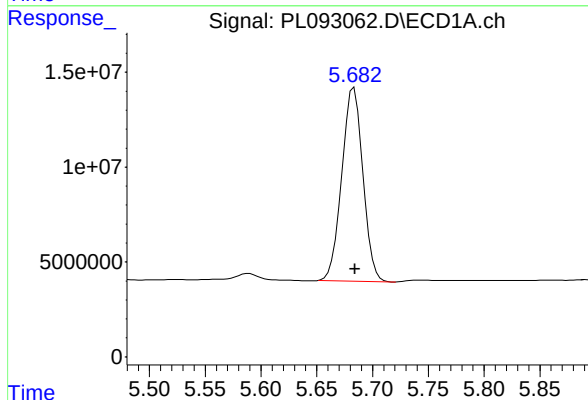
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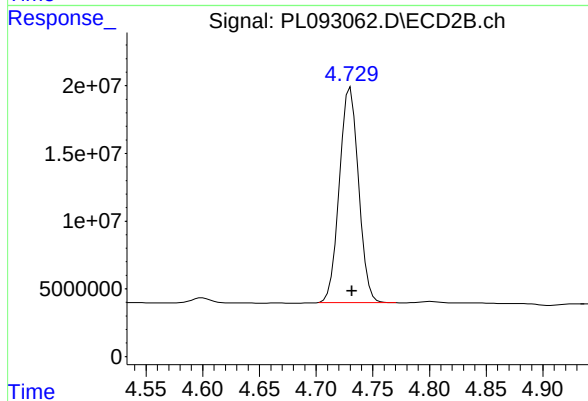
#7 delta-BHC

R.T.: 4.138 min
Delta R.T.: -0.002 min
Response: 171613476
Conc: 44.65 ng/ml



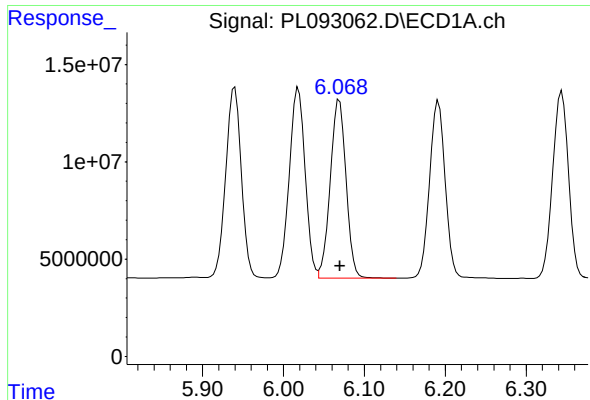
#8 Heptachlor epoxide

R.T.: 5.683 min
Delta R.T.: 0.000 min
Response: 134191450
Conc: 48.60 ng/ml



#8 Heptachlor epoxide

R.T.: 4.730 min
Delta R.T.: -0.001 min
Response: 186575256
Conc: 55.84 ng/ml



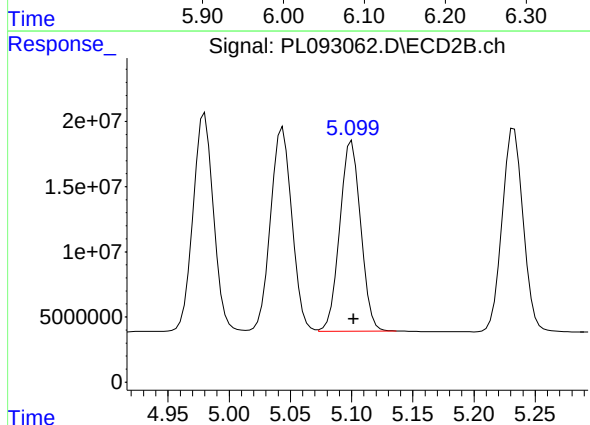
#9 Endosulfan I

R.T.: 6.069 min
Delta R.T.: 0.000 min
Response: 124440945
Conc: 49.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-731MSD

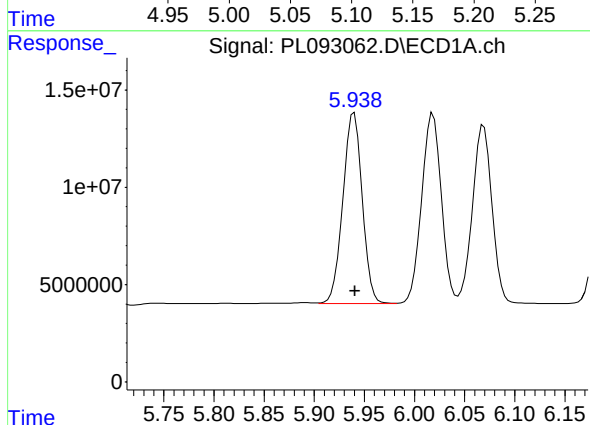
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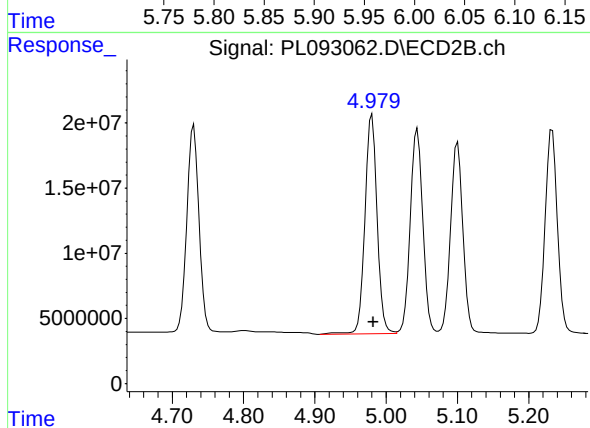
#9 Endosulfan I

R.T.: 5.100 min
Delta R.T.: -0.002 min
Response: 174134043
Conc: 57.03 ng/ml



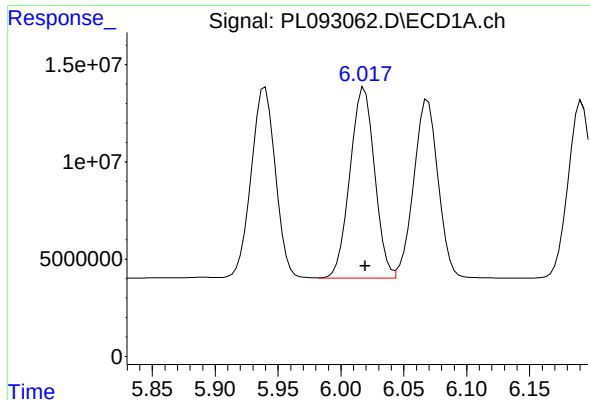
#10 gamma-Chlordane

R.T.: 5.940 min
Delta R.T.: 0.000 min
Response: 131464901
Conc: 49.41 ng/ml



#10 gamma-Chlordane

R.T.: 4.980 min
Delta R.T.: -0.002 min
Response: 199375774
Conc: 59.31 ng/ml



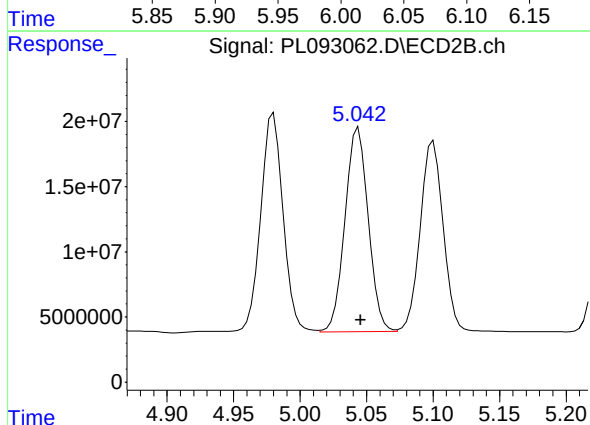
#11 alpha-Chlordane

R.T.: 6.019 min
Delta R.T.: 0.000 min
Response: 133451869
Conc: 50.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-731MSD

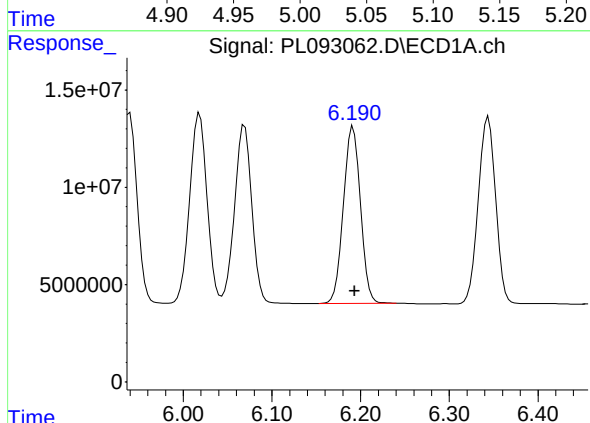
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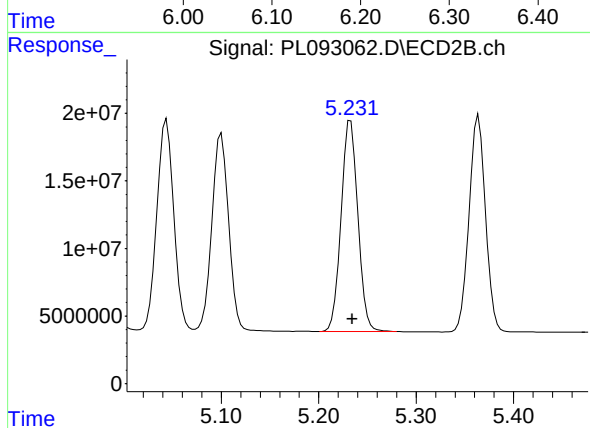
#11 alpha-Chlordane

R.T.: 5.044 min
Delta R.T.: -0.002 min
Response: 191210083
Conc: 57.49 ng/ml



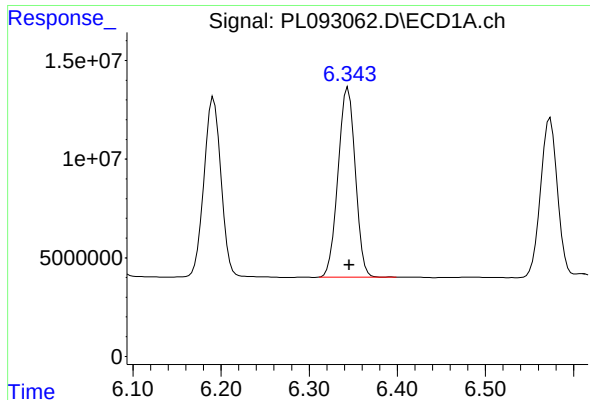
#12 4,4'-DDE

R.T.: 6.192 min
Delta R.T.: -0.002 min
Response: 121512456
Conc: 51.29 ng/ml



#12 4,4'-DDE

R.T.: 5.233 min
Delta R.T.: -0.002 min
Response: 186938073
Conc: 58.03 ng/ml



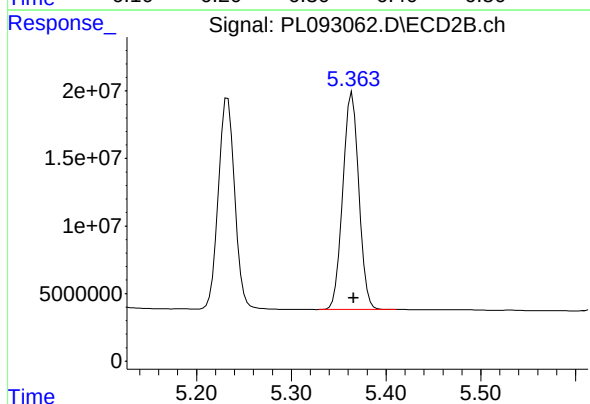
#13 Dieldrin

R.T.: 6.344 min
Delta R.T.: -0.001 min
Response: 130829519
Conc: 49.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-731MSD

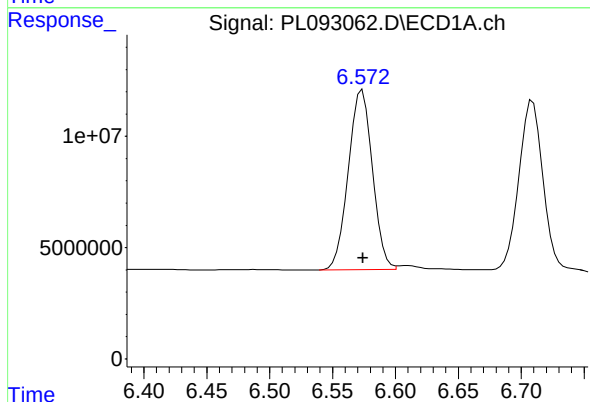
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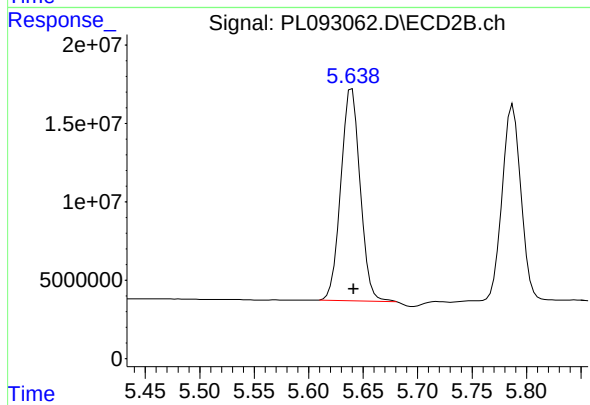
#13 Dieldrin

R.T.: 5.364 min
Delta R.T.: -0.002 min
Response: 188553523
Conc: 56.45 ng/ml



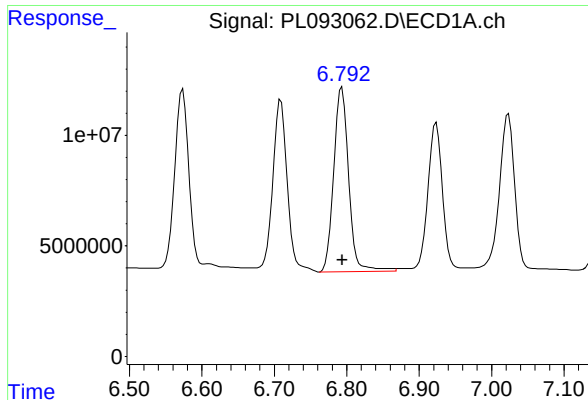
#14 Endrin

R.T.: 6.572 min
Delta R.T.: -0.002 min
Response: 107759800
Conc: 47.33 ng/ml m



#14 Endrin

R.T.: 5.640 min
Delta R.T.: -0.002 min
Response: 166385283
Conc: 57.51 ng/ml



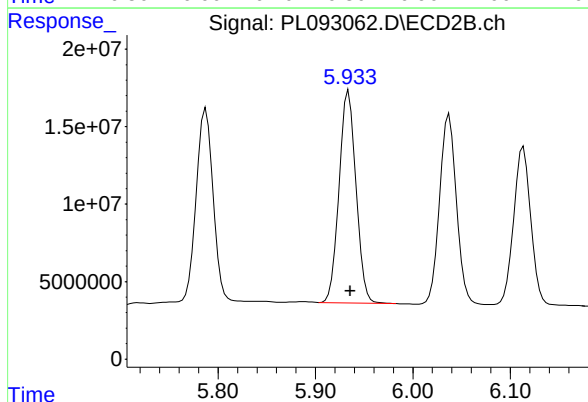
#15 Endosulfan II

R.T.: 6.793 min
Delta R.T.: 0.000 min
Response: 119510538
Conc: 50.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-731MSD

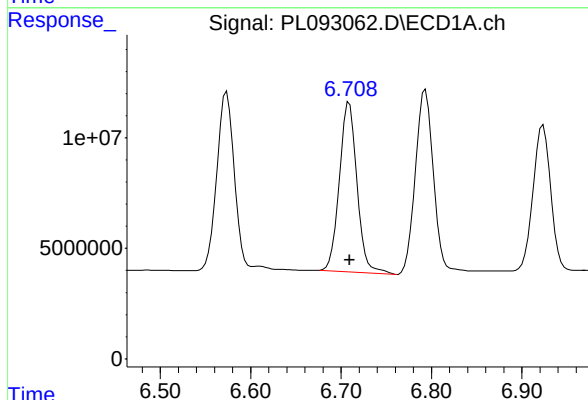
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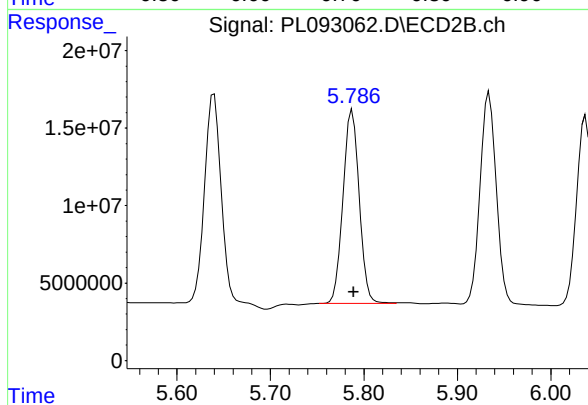
#15 Endosulfan II

R.T.: 5.934 min
Delta R.T.: -0.002 min
Response: 165409945
Conc: 58.38 ng/ml



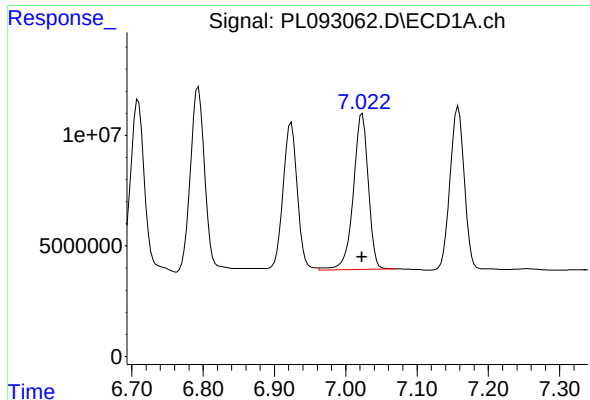
#16 4,4'-DDD

R.T.: 6.709 min
Delta R.T.: 0.000 min
Response: 104504441
Conc: 54.44 ng/ml



#16 4,4'-DDD

R.T.: 5.788 min
Delta R.T.: -0.002 min
Response: 150511232
Conc: 60.44 ng/ml



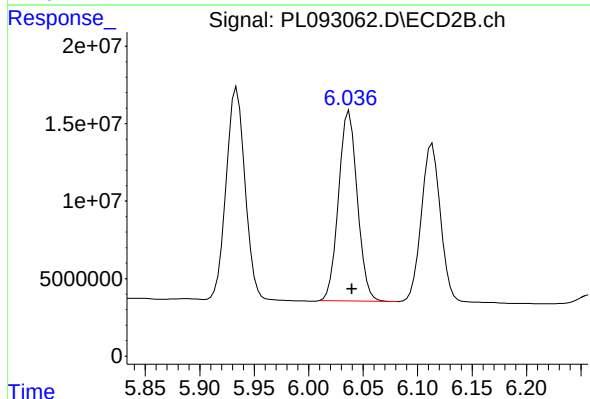
#17 4,4'-DDT

R.T.: 7.023 min
Delta R.T.: 0.000 min
Response: 102693932
Conc: 49.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-731MSD

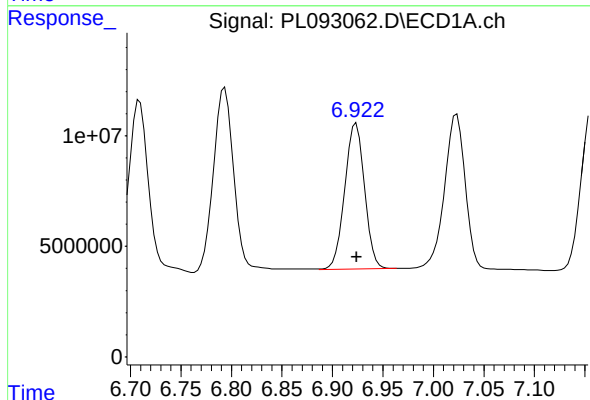
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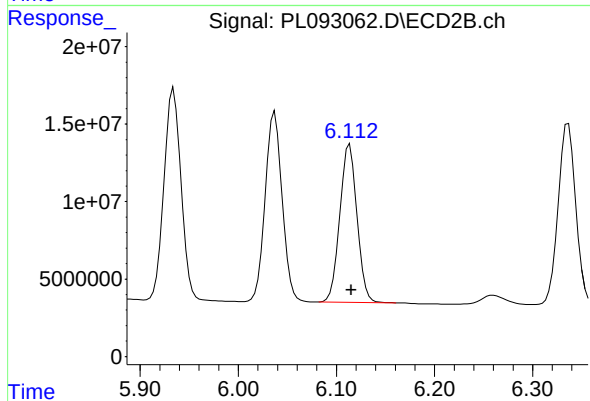
#17 4,4'-DDT

R.T.: 6.037 min
Delta R.T.: -0.003 min
Response: 146613618
Conc: 54.66 ng/ml



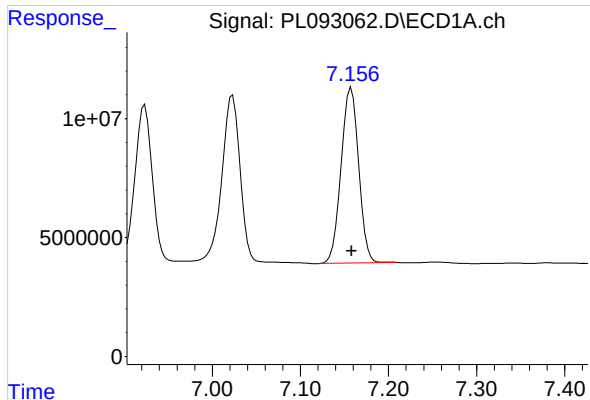
#18 Endrin aldehyde

R.T.: 6.922 min
Delta R.T.: -0.002 min
Response: 90023839
Conc: 47.94 ng/ml m



#18 Endrin aldehyde

R.T.: 6.114 min
Delta R.T.: -0.002 min
Response: 124131695
Conc: 53.80 ng/ml



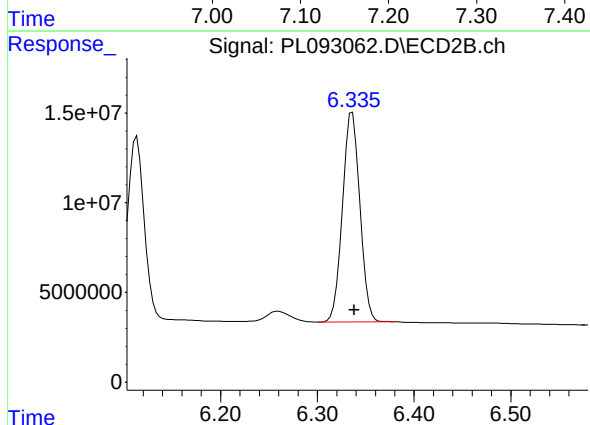
#19 Endosulfan Sulfate

R.T.: 7.158 min
Delta R.T.: 0.000 min
Response: 102517534
Conc: 47.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-731MSD

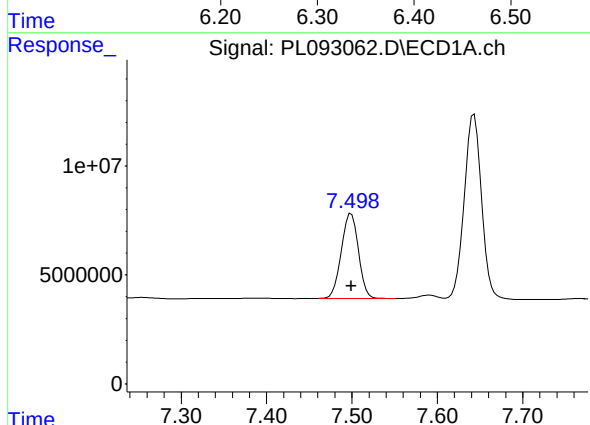
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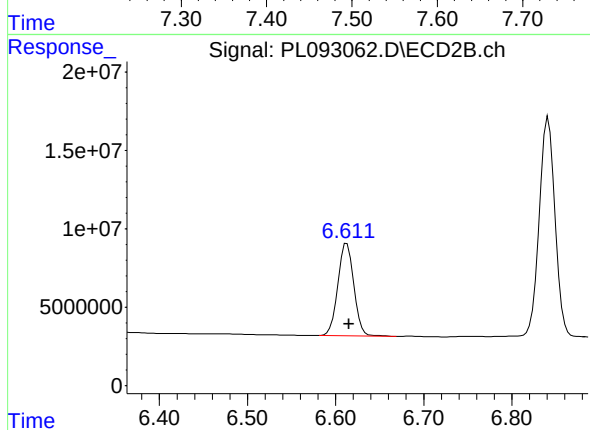
#19 Endosulfan Sulfate

R.T.: 6.336 min
Delta R.T.: -0.002 min
Response: 145325051
Conc: 53.89 ng/ml



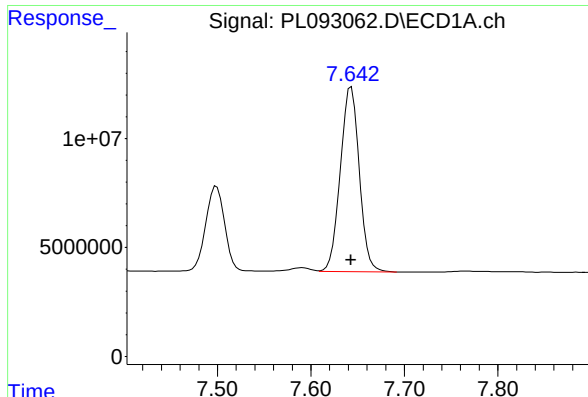
#20 Methoxychlor

R.T.: 7.499 min
Delta R.T.: 0.000 min
Response: 54285337
Conc: 47.62 ng/ml



#20 Methoxychlor

R.T.: 6.613 min
Delta R.T.: -0.002 min
Response: 74579047
Conc: 52.23 ng/ml



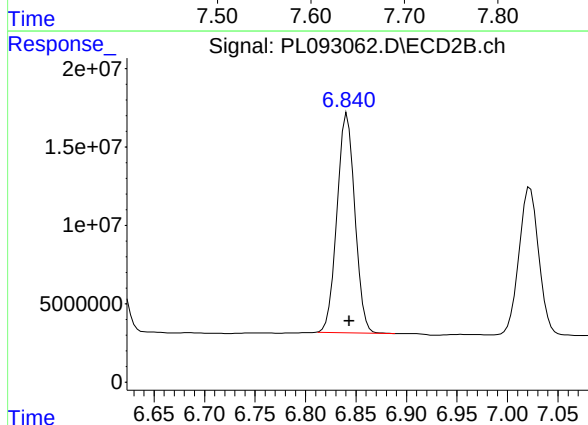
#21 Endrin ketone

R.T.: 7.643 min
Delta R.T.: 0.000 min
Response: 119537597
Conc: 49.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-731MSD

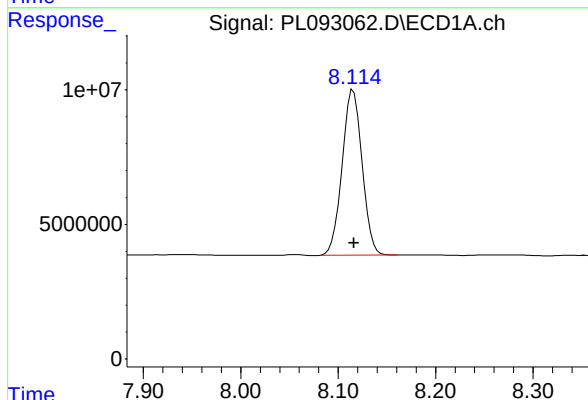
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/15/2024
Supervised By :Ankita Jodhani 11/15/2024



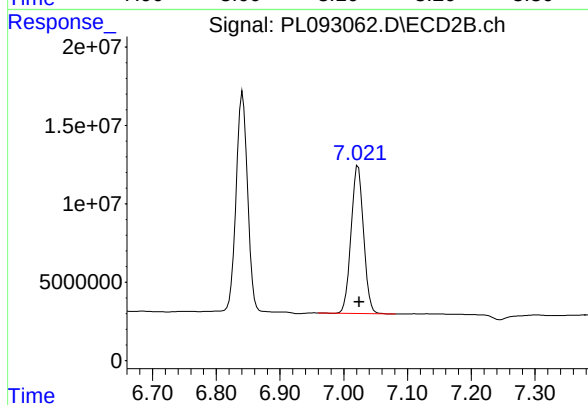
#21 Endrin ketone

R.T.: 6.841 min
Delta R.T.: -0.002 min
Response: 172170406
Conc: 56.10 ng/ml



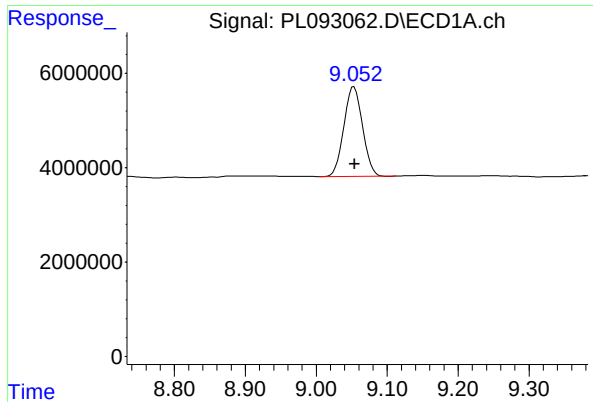
#22 Mirex

R.T.: 8.116 min
Delta R.T.: 0.000 min
Response: 87711004
Conc: 44.26 ng/ml



#22 Mirex

R.T.: 7.022 min
Delta R.T.: -0.002 min
Response: 128477211
Conc: 49.24 ng/ml



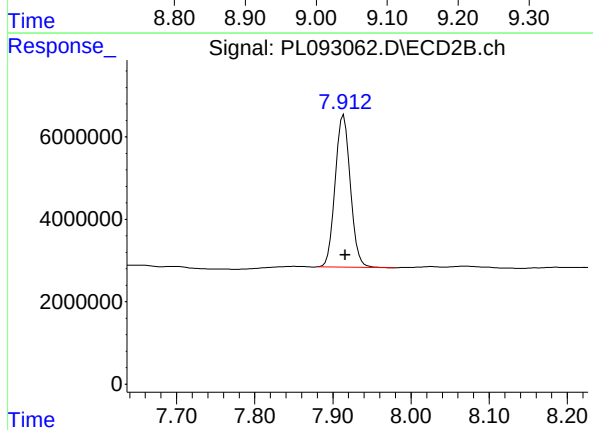
#28 Decachlorobiphenyl

R.T.: 9.053 min
Delta R.T.: 0.000 min
Response: 34699766
Conc: 18.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-731MSD

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#28 Decachlorobiphenyl

R.T.: 7.914 min
Delta R.T.: -0.002 min
Response: 49950756
Conc: 18.30 ng/ml