

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111924\
 Data File : PL093163.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Nov 2024 19:21
 Operator : AR\AJ
 Sample : P4910-01MSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MH-COTTAGEMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/20/2024
 Supervised By :Ankita Jodhani 11/20/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 19 23:21:53 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	45333790	46822630	18.502m	17.207
28) SA Decachlor...	9.054	7.914	30753125	48255156	15.979	17.681
Target Compounds						
2) A alpha-BHC	3.992	3.277	148.5E6	180.7E6	43.783	45.297
3) MA gamma-BHC...	4.325	3.607	142.9E6	172.2E6	43.834	44.607
4) MA Heptachlor	4.913	3.946	137.1E6	182.7E6	45.661	48.404
5) MB Aldrin	5.255	4.225	128.8E6	172.6E6	42.905	47.152
6) B beta-BHC	4.521	3.907	68991634	77799737	47.730m	47.259
7) B delta-BHC	4.770	4.136	113.8E6	146.6E6	36.361	38.155
8) B Heptachlo...	5.682	4.728	117.5E6	156.1E6	42.557	46.716
9) A Endosulfan I	6.068	5.098	109.4E6	155.8E6	43.721	51.042
10) B gamma-Chl...	5.938	4.979	114.0E6	170.4E6	42.835	50.674
11) B alpha-Chl...	6.017	5.042	116.2E6	162.9E6	43.882	48.971
12) B 4,4'-DDE	6.191	5.231	106.7E6	161.4E6	45.020	50.087
13) MA Dieldrin	6.343	5.363	113.8E6	167.8E6	43.171	50.242
14) MA Endrin	6.573	5.638	94290076	145.7E6	41.416	50.355
15) B Endosulfa...	6.791	5.933	105.0E6	142.1E6	44.038m	50.163
16) A 4,4'-DDD	6.707	5.786	85014490	125.3E6	44.289m	50.326
17) MA 4,4'-DDT	7.023	6.035	99426537	130.9E6	48.038	48.820m
18) B Endrin al...	6.922	6.112	81498133	107.9E6	43.397m	46.756
19) B Endosulfa...	7.156	6.335	87228752	124.9E6	40.191m	46.298
20) A Methoxychlor	7.498	6.613	48710742	70373701	42.729	49.280
21) B Endrin ke...	7.643	6.841	106.8E6	149.5E6	44.068	48.730
22) Mirex	8.116	7.021	74554785	111.1E6	37.622	42.570

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111924\
Data File : PL093163.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Nov 2024 19:21
Operator : AR\AJ
Sample : P4910-01MSD
Misc :
ALS Vial : 27 Sample Multiplier: 1

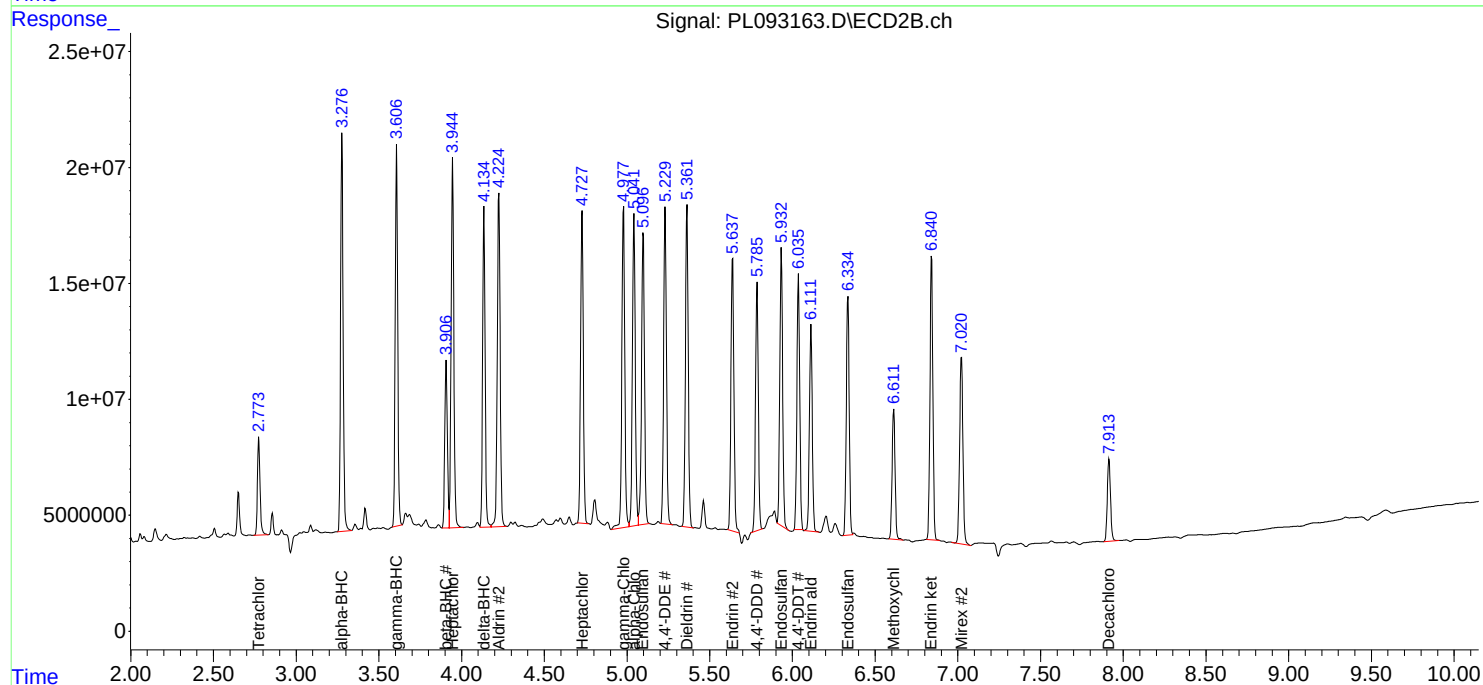
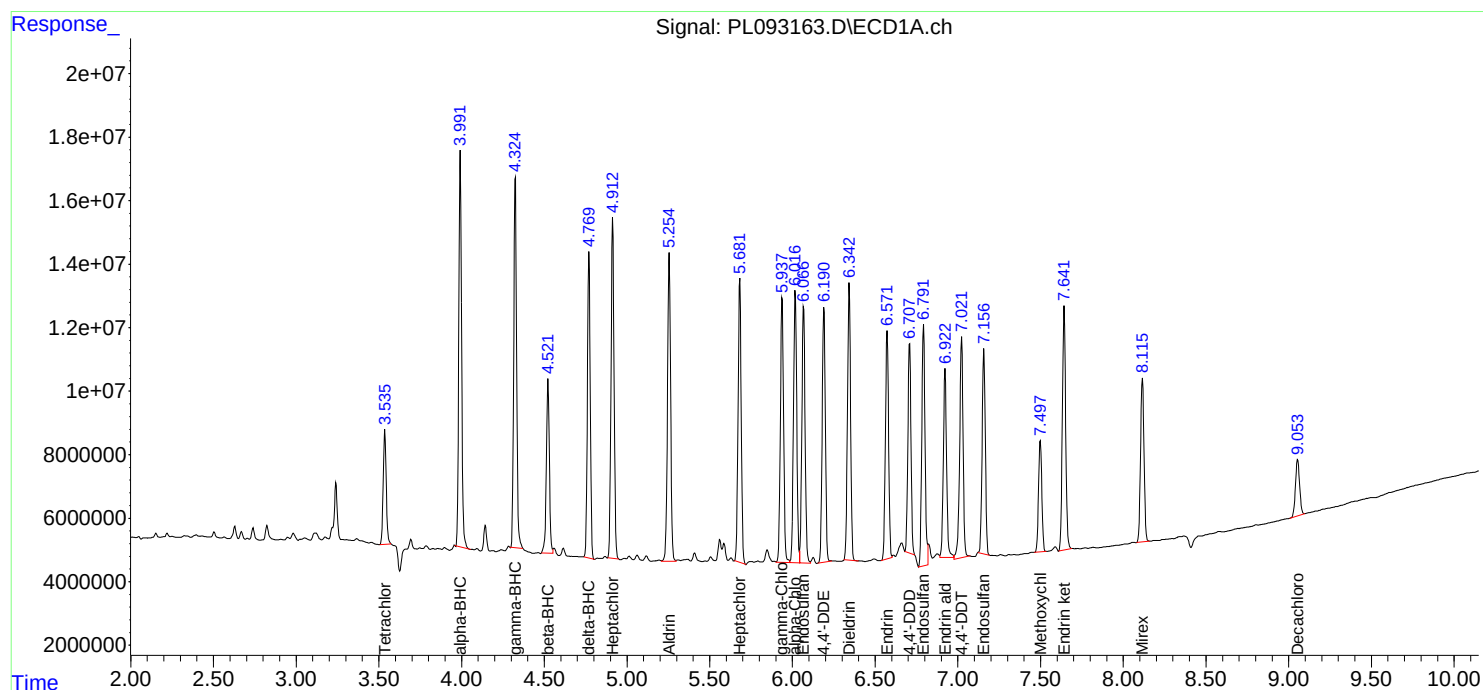
Instrument :
ECD_L
ClientSampleId :
MH-COTTAGEMSD

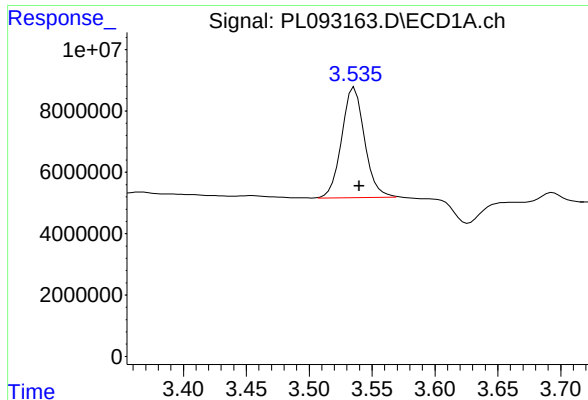
Manual Integrations
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Supervised By :Ankita Jodhani 11/20/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 23:21:53 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





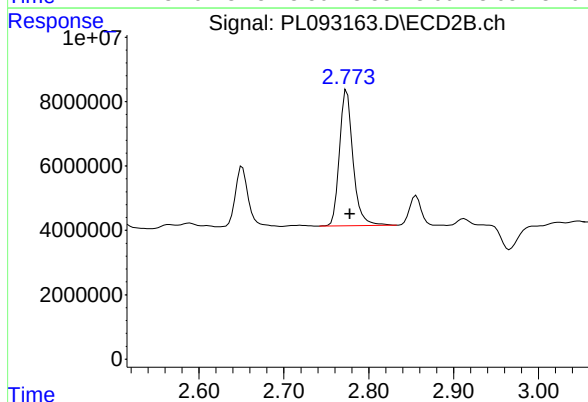
#1 Tetrachloro-m-xylene

R.T.: 3.535 min
Delta R.T.: -0.005 min
Response: 45333790
Conc: 18.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-COTTAGEMSD

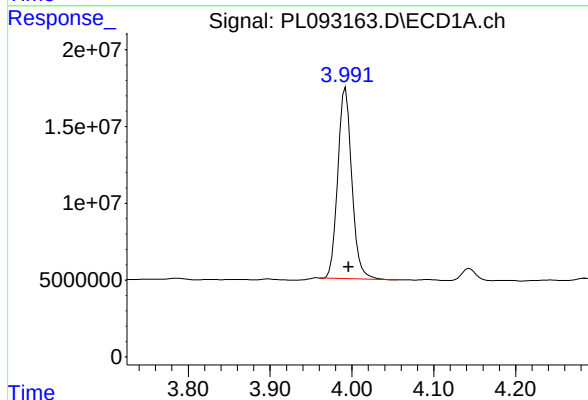
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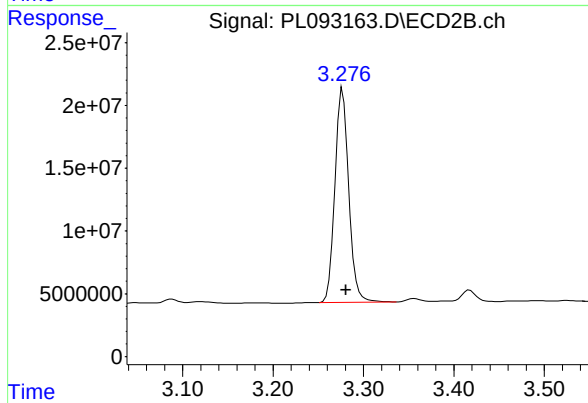
#1 Tetrachloro-m-xylene

R.T.: 2.774 min
Delta R.T.: -0.004 min
Response: 46822630
Conc: 17.21 ng/ml



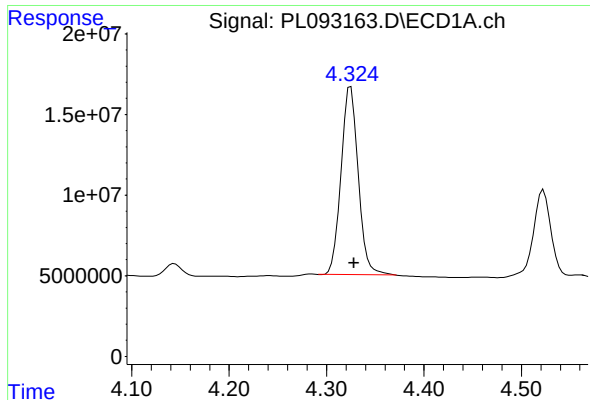
#2 alpha-BHC

R.T.: 3.992 min
Delta R.T.: -0.004 min
Response: 148494264
Conc: 43.78 ng/ml



#2 alpha-BHC

R.T.: 3.277 min
Delta R.T.: -0.003 min
Response: 180743350
Conc: 45.30 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.325 min
Delta R.T.: -0.003 min
Response: 142881083
Conc: 43.83 ng/ml

Instrument :

ECD_L

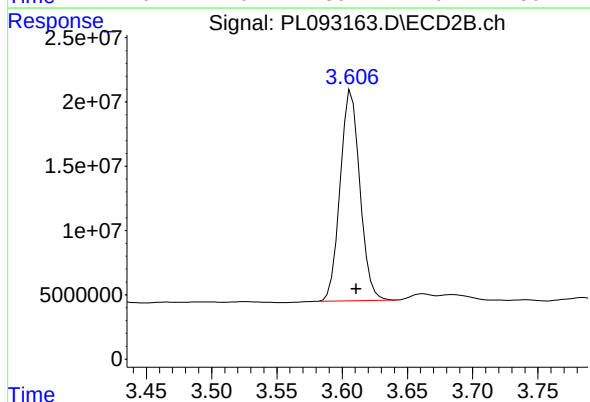
ClientSampleId :

MH-COTTAGEMSD

Manual Integrations

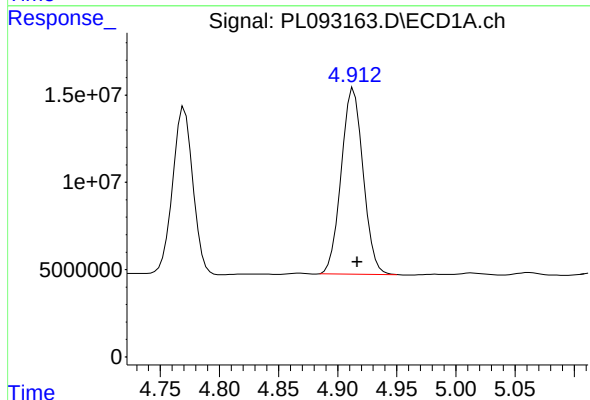
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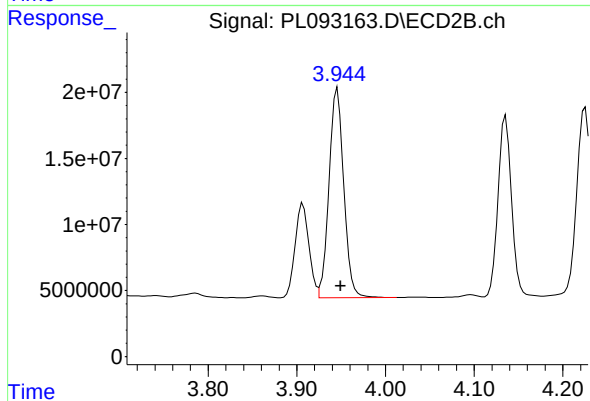
#3 gamma-BHC (Lindane)

R.T.: 3.607 min
Delta R.T.: -0.004 min
Response: 172157665
Conc: 44.61 ng/ml



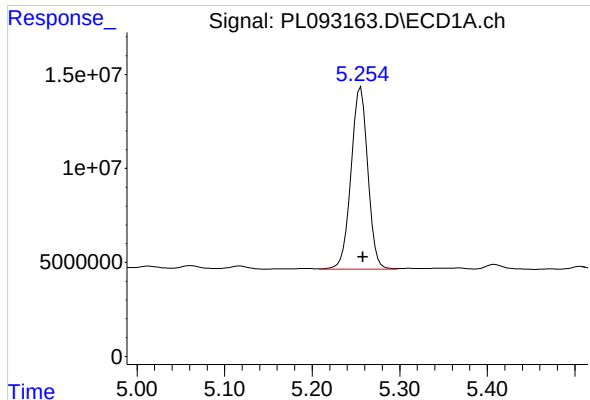
#4 Heptachlor

R.T.: 4.913 min
Delta R.T.: -0.003 min
Response: 137126219
Conc: 45.66 ng/ml



#4 Heptachlor

R.T.: 3.946 min
Delta R.T.: -0.004 min
Response: 182672966
Conc: 48.40 ng/ml



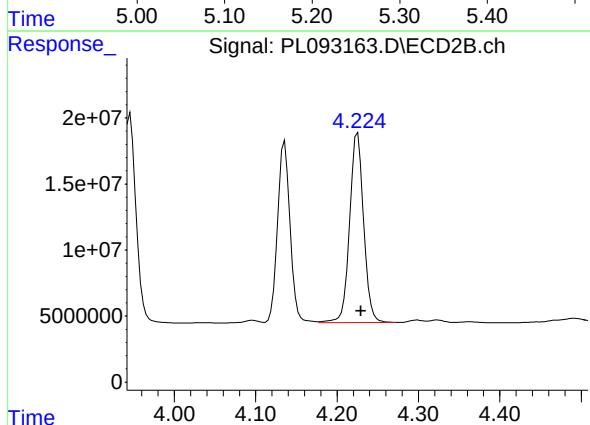
#5 Aldrin

R.T.: 5.255 min
Delta R.T.: -0.002 min
Response: 128778974
Conc: 42.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
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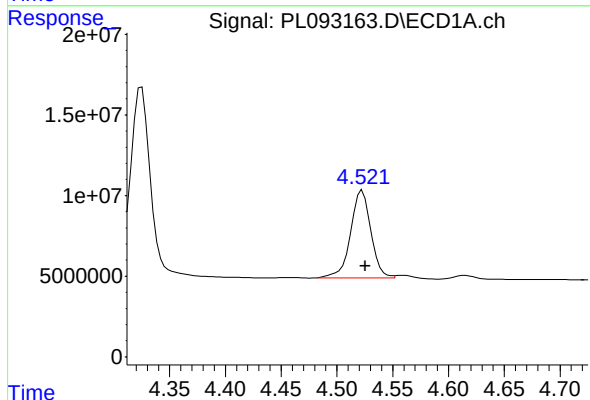
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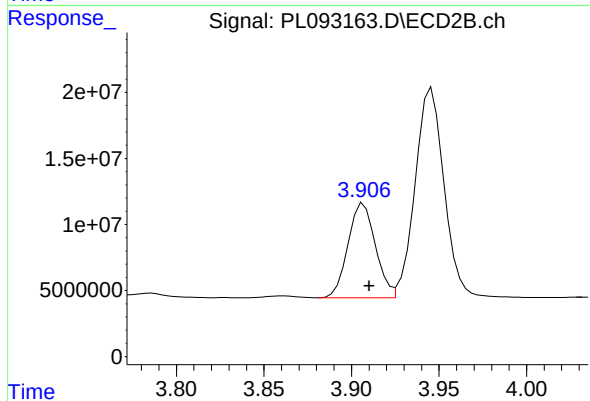
#5 Aldrin

R.T.: 4.225 min
Delta R.T.: -0.004 min
Response: 172588020
Conc: 47.15 ng/ml



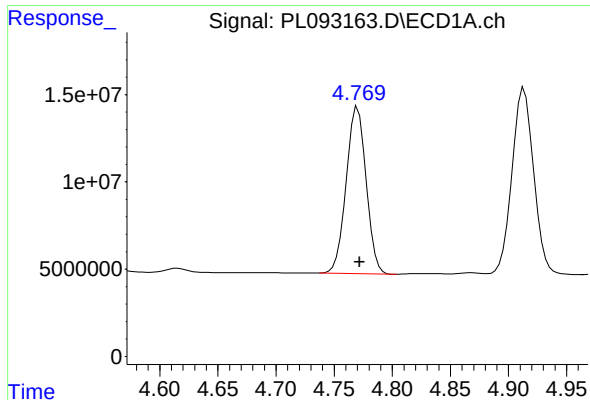
#6 beta-BHC

R.T.: 4.521 min
Delta R.T.: -0.004 min
Response: 68991634
Conc: 47.73 ng/ml m



#6 beta-BHC

R.T.: 3.907 min
Delta R.T.: -0.003 min
Response: 77799737
Conc: 47.26 ng/ml



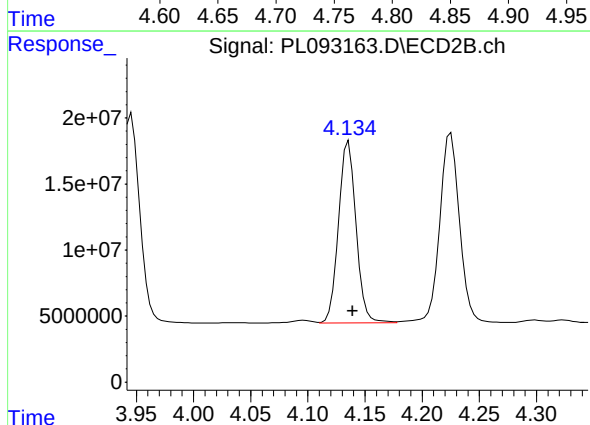
#7 delta-BHC

R.T.: 4.770 min
Delta R.T.: -0.002 min
Response: 113805759
Conc: 36.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-COTTAGEMSD

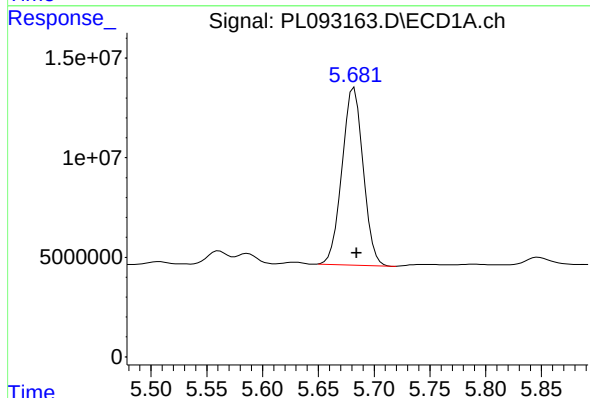
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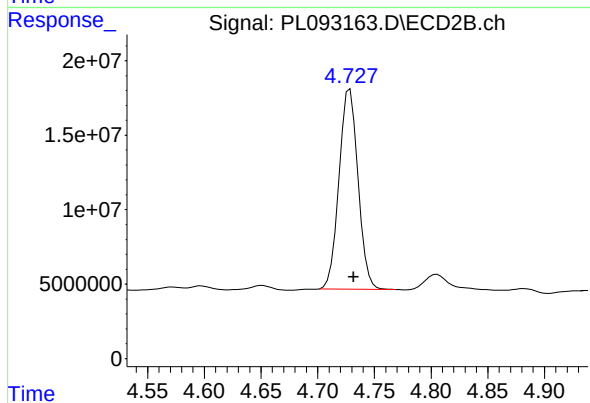
#7 delta-BHC

R.T.: 4.136 min
Delta R.T.: -0.004 min
Response: 146635796
Conc: 38.16 ng/ml



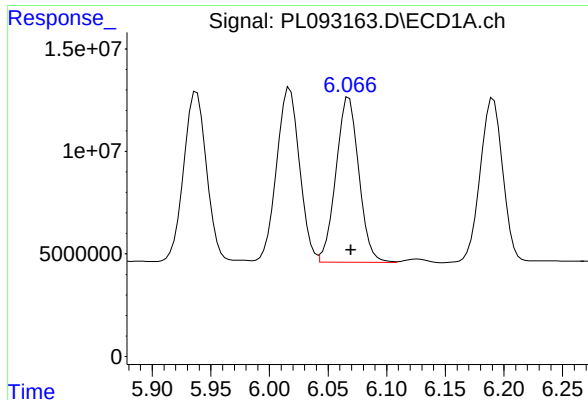
#8 Heptachlor epoxide

R.T.: 5.682 min
Delta R.T.: -0.002 min
Response: 117517185
Conc: 42.56 ng/ml



#8 Heptachlor epoxide

R.T.: 4.728 min
Delta R.T.: -0.003 min
Response: 156098183
Conc: 46.72 ng/ml



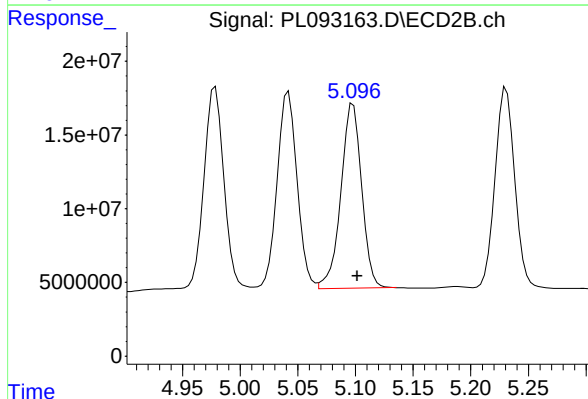
#9 Endosulfan I

R.T.: 6.068 min
Delta R.T.: -0.002 min
Response: 109362335
Conc: 43.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-COTTAGEMSD

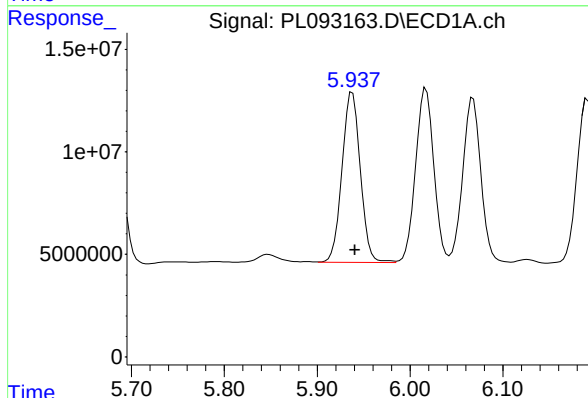
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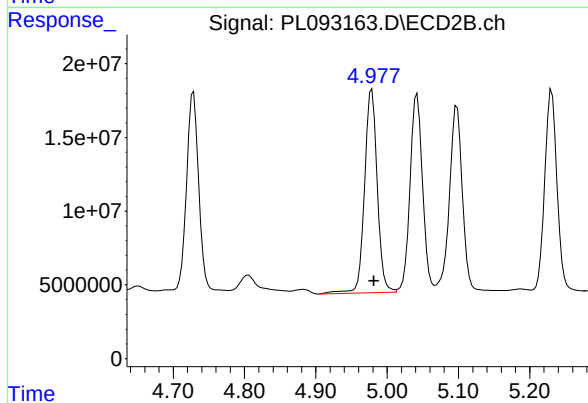
#9 Endosulfan I

R.T.: 5.098 min
Delta R.T.: -0.004 min
Response: 155838070
Conc: 51.04 ng/ml



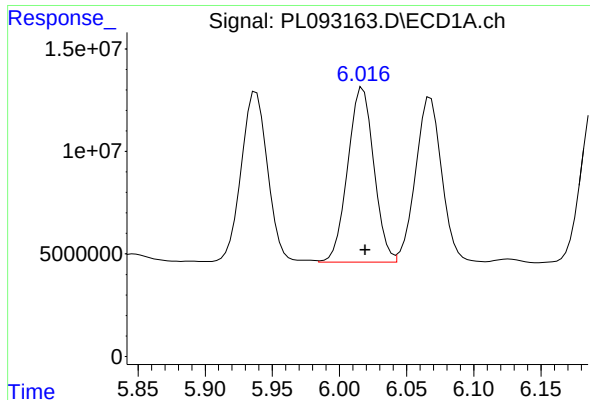
#10 gamma-Chlordane

R.T.: 5.938 min
Delta R.T.: -0.003 min
Response: 113968127
Conc: 42.83 ng/ml



#10 gamma-Chlordane

R.T.: 4.979 min
Delta R.T.: -0.003 min
Response: 170351904
Conc: 50.67 ng/ml



#11 alpha-Chlordane

R.T.: 6.017 min
Delta R.T.: -0.002 min
Response: 116204448
Conc: 43.88 ng/ml

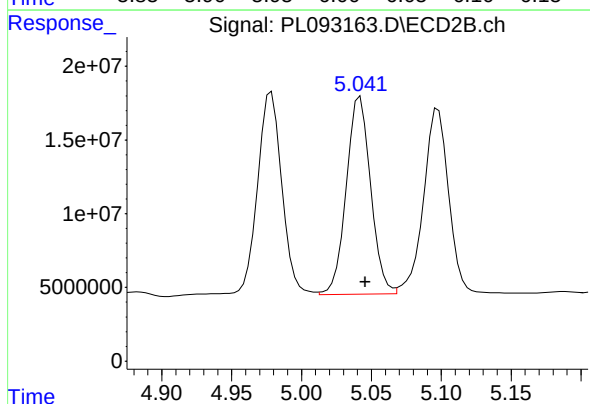
Instrument :

ECD_L

ClientSampleId :
MH-COTTAGEMSD

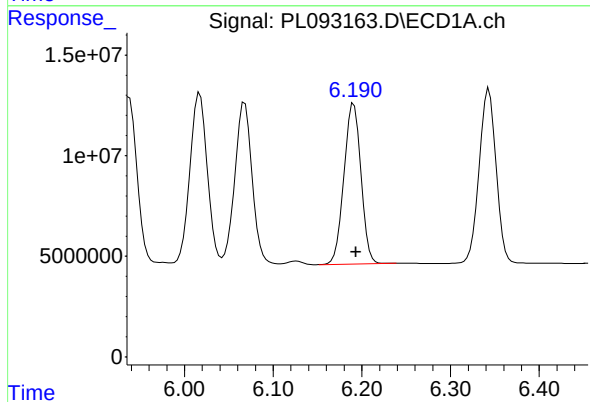
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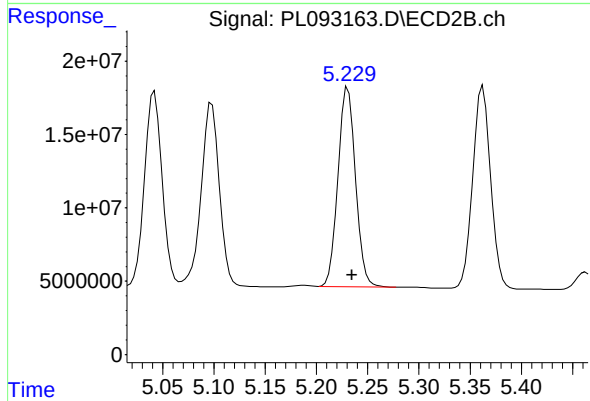
#11 alpha-Chlordane

R.T.: 5.042 min
Delta R.T.: -0.003 min
Response: 162879482
Conc: 48.97 ng/ml



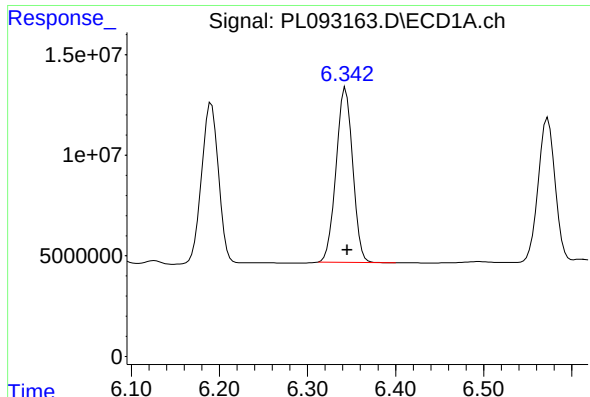
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: -0.002 min
Response: 106659962
Conc: 45.02 ng/ml



#12 4,4'-DDE

R.T.: 5.231 min
Delta R.T.: -0.004 min
Response: 161360622
Conc: 50.09 ng/ml



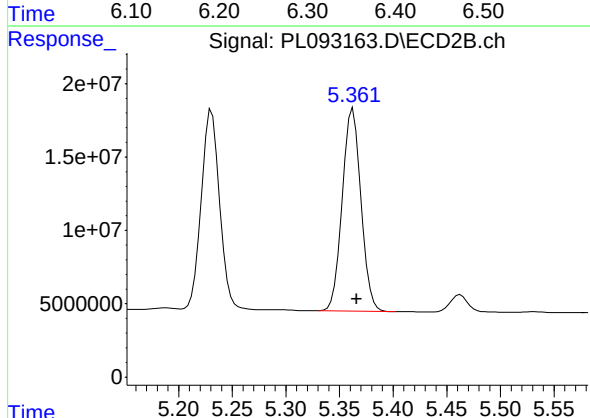
#13 Dieldrin

R.T.: 6.343 min
Delta R.T.: -0.002 min
Response: 113775960
Conc: 43.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-COTTAGEMSD

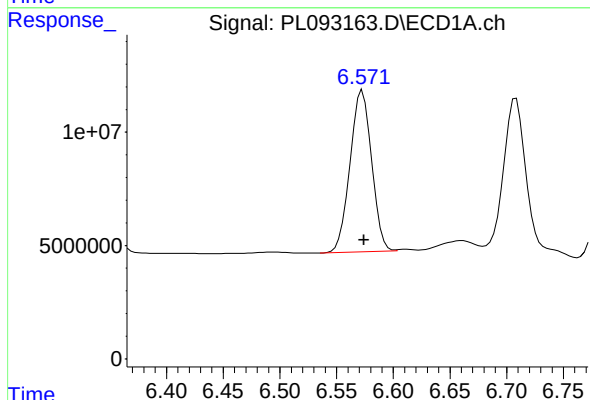
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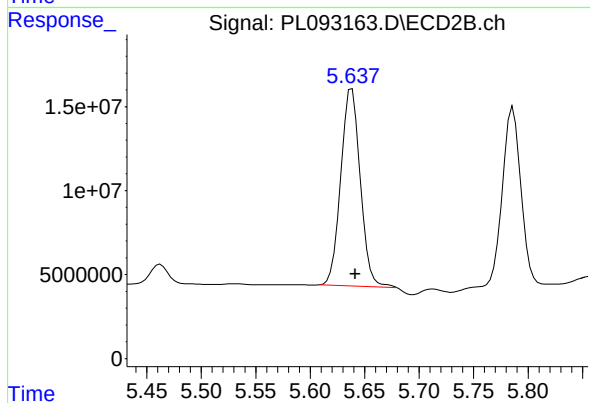
#13 Dieldrin

R.T.: 5.363 min
Delta R.T.: -0.003 min
Response: 167823931
Conc: 50.24 ng/ml



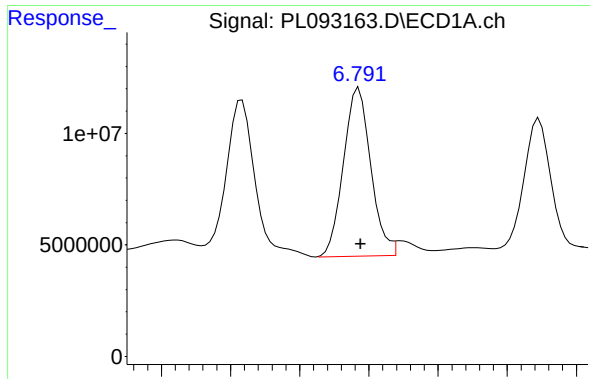
#14 Endrin

R.T.: 6.573 min
Delta R.T.: -0.001 min
Response: 94290076
Conc: 41.42 ng/ml



#14 Endrin

R.T.: 5.638 min
Delta R.T.: -0.003 min
Response: 145676506
Conc: 50.35 ng/ml



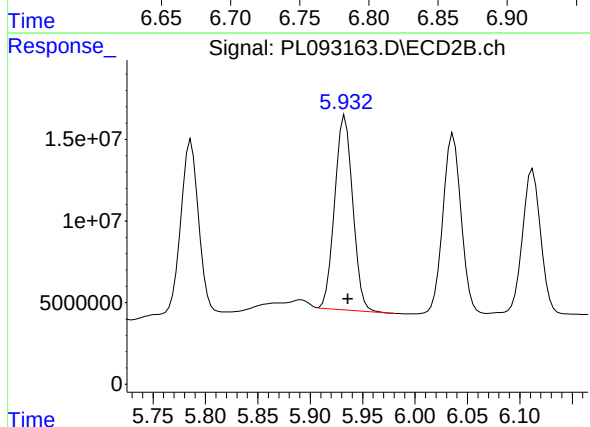
#15 Endosulfan II

R.T.: 6.791 min
Delta R.T.: -0.003 min
Response: 104978512
Conc: 44.04 ng/ml

Instrument :
ECD_L
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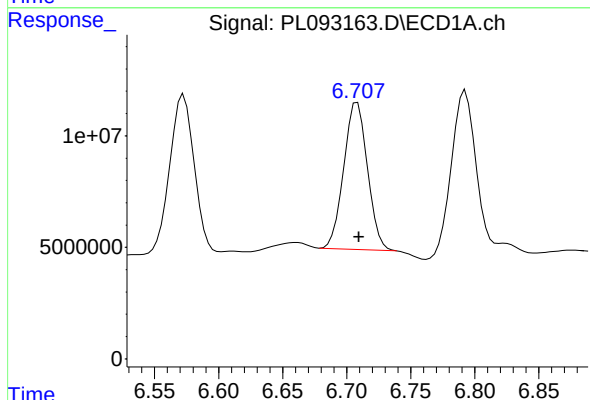
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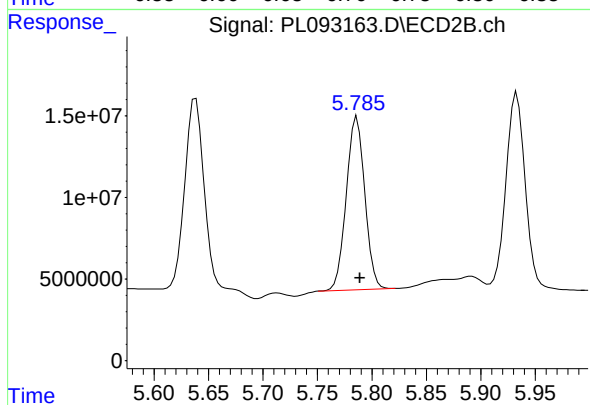
#15 Endosulfan II

R.T.: 5.933 min
Delta R.T.: -0.003 min
Response: 142126215
Conc: 50.16 ng/ml



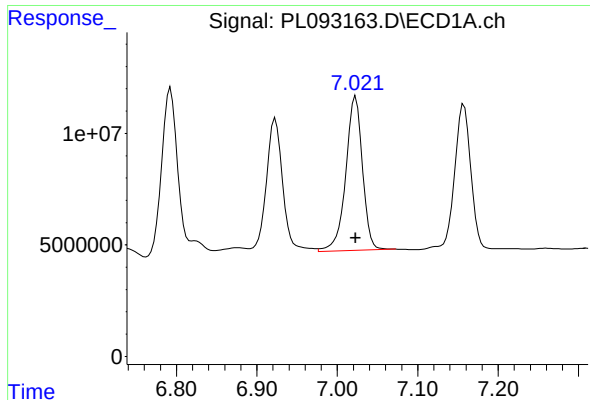
#16 4,4'-DDD

R.T.: 6.707 min
Delta R.T.: -0.003 min
Response: 85014490
Conc: 44.29 ng/ml m



#16 4,4'-DDD

R.T.: 5.786 min
Delta R.T.: -0.003 min
Response: 125313730
Conc: 50.33 ng/ml



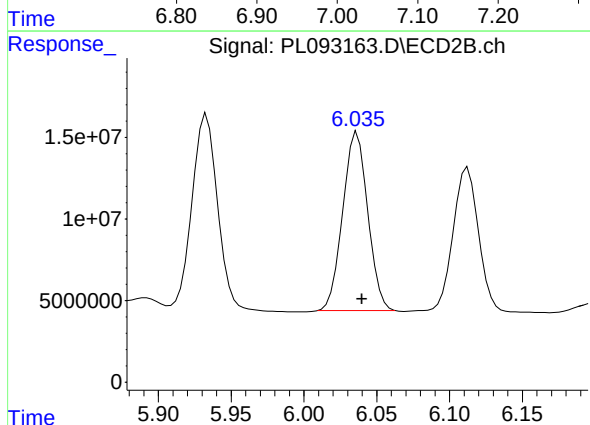
#17 4,4'-DDT

R.T.: 7.023 min
Delta R.T.: 0.000 min
Response: 99426537
Conc: 48.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-COTTAGEMSD

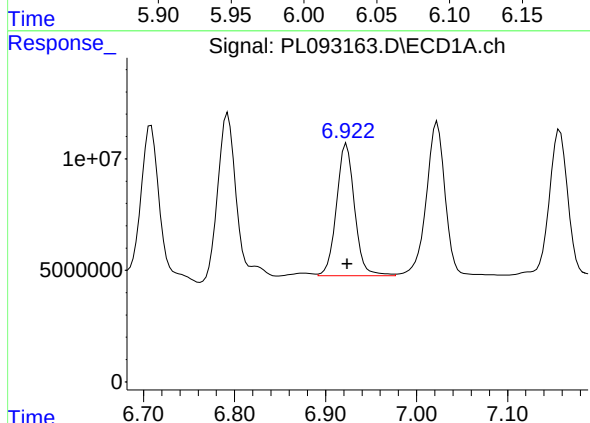
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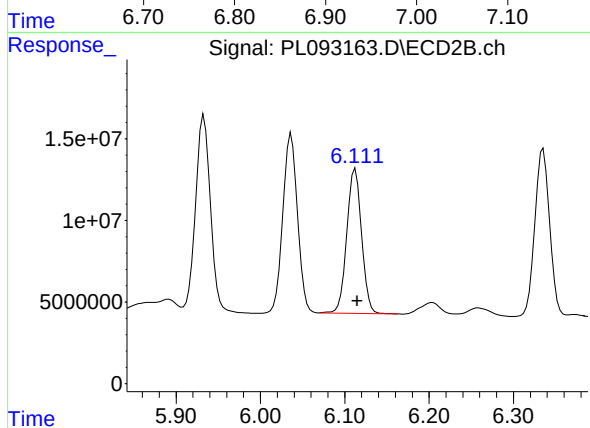
#17 4,4'-DDT

R.T.: 6.035 min
Delta R.T.: -0.005 min
Response: 130947075
Conc: 48.82 ng/ml m



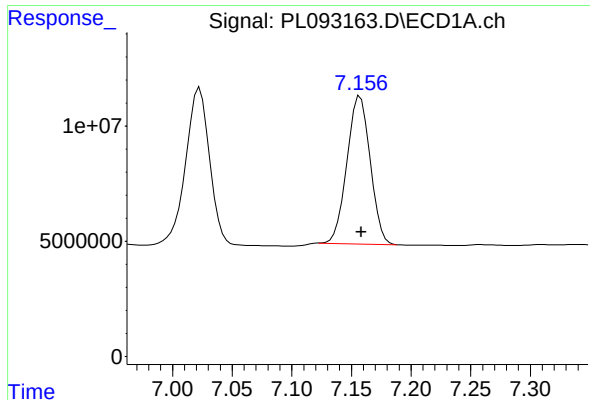
#18 Endrin aldehyde

R.T.: 6.922 min
Delta R.T.: -0.002 min
Response: 81498133
Conc: 43.40 ng/ml m



#18 Endrin aldehyde

R.T.: 6.112 min
Delta R.T.: -0.003 min
Response: 107878545
Conc: 46.76 ng/ml



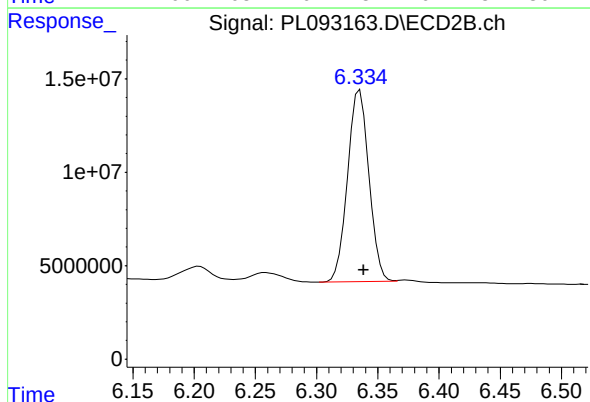
#19 Endosulfan Sulfate

R.T.: 7.156 min
Delta R.T.: -0.002 min
Response: 87228752
Conc: 40.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-COTTAGEMSD

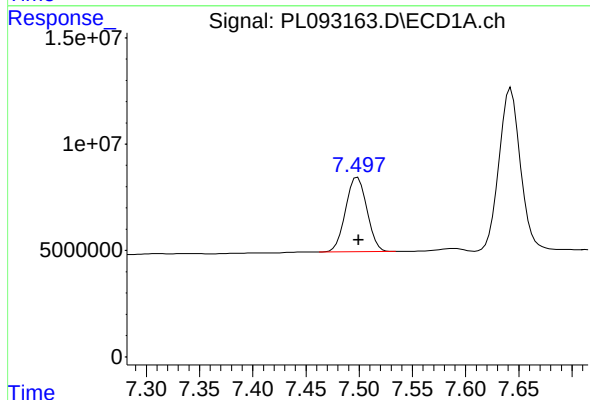
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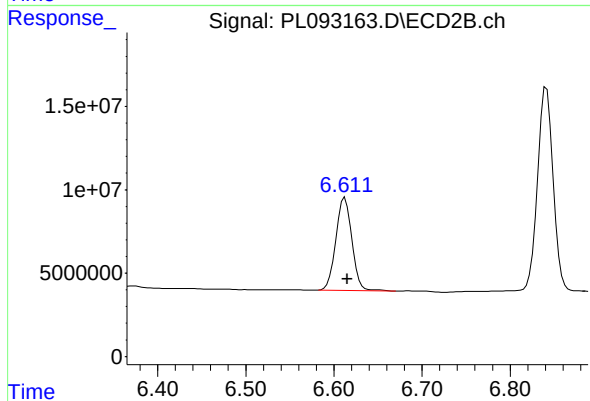
#19 Endosulfan Sulfate

R.T.: 6.335 min
Delta R.T.: -0.003 min
Response: 124861107
Conc: 46.30 ng/ml



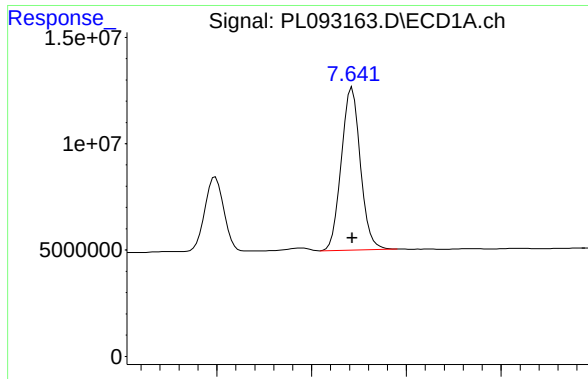
#20 Methoxychlor

R.T.: 7.498 min
Delta R.T.: 0.000 min
Response: 48710742
Conc: 42.73 ng/ml



#20 Methoxychlor

R.T.: 6.613 min
Delta R.T.: -0.002 min
Response: 70373701
Conc: 49.28 ng/ml



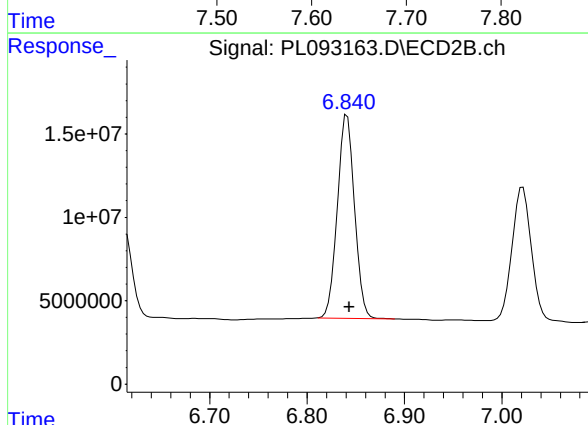
#21 Endrin ketone

R.T.: 7.643 min
Delta R.T.: 0.000 min
Response: 106768618
Conc: 44.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-COTTAGEMSD

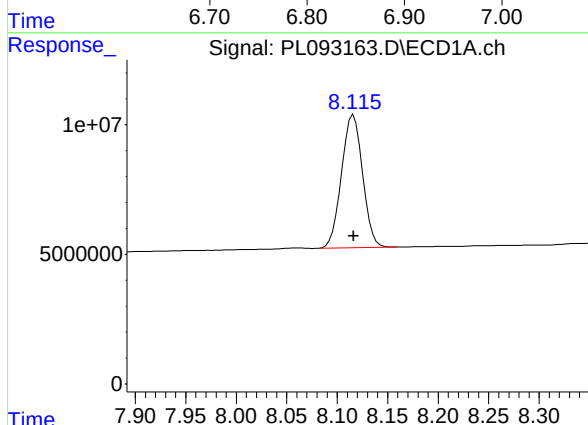
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APPROVED

Reviewed By :Yogesh Patel 11/20/2024
Supervised By :Ankita Jodhani 11/20/2024



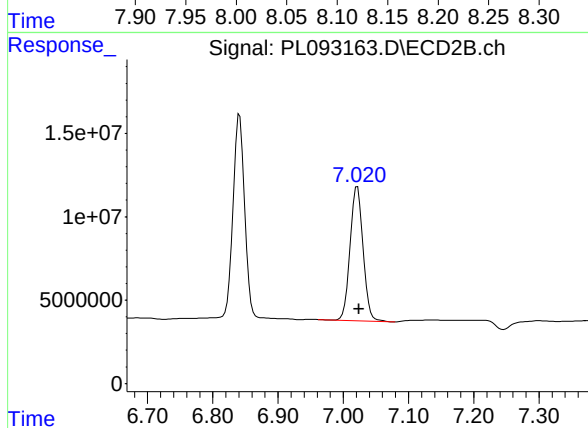
#21 Endrin ketone

R.T.: 6.841 min
Delta R.T.: -0.002 min
Response: 149541904
Conc: 48.73 ng/ml



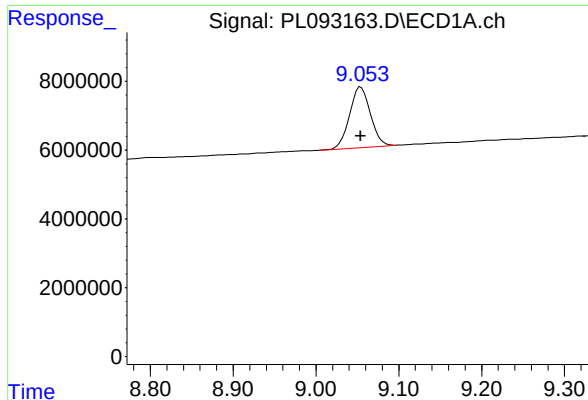
#22 Mirex

R.T.: 8.116 min
Delta R.T.: 0.000 min
Response: 74554785
Conc: 37.62 ng/ml



#22 Mirex

R.T.: 7.021 min
Delta R.T.: -0.003 min
Response: 111067630
Conc: 42.57 ng/ml



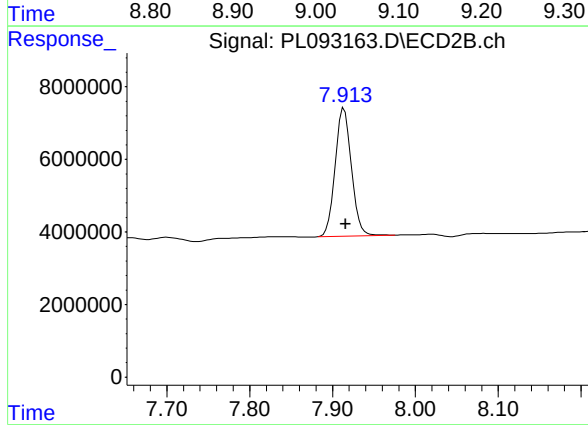
#28 Decachlorobiphenyl

R.T.: 9.054 min
Delta R.T.: 0.000 min
Response: 30753125
Conc: 15.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-COTTAGEMSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.914 min
Delta R.T.: -0.002 min
Response: 48255156
Conc: 17.68 ng/ml