

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022122\
 Data File : PL072864.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Feb 2022 23:00
 Operator : AR\AJ
 Sample : N1612-01MSD
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 WASTE-CHARACTERMSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/22/2022
 Supervised By :Ankita Jodhani 02/22/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 22 02:34:40 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL020722.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 08 05:14:10 2022
 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...	4.551	5.489	12207545	43148970	25.353	24.979
28)	SA Decachlor...	10.310	11.378	18676266	41178973	24.670	25.968
Target Compounds							
2)	A alpha-BHC	5.257	6.070	40424699	152.5E6	61.310	63.679
3)	MA gamma-BHC...	5.681	6.466	39430893	141.2E6	62.740	61.336
4)	MA Heptachlor	6.085	7.112	45666172	144.0E6	62.562m	63.242
5)	MB Aldrin	6.410	7.482	42720559	139.1E6	66.166	65.045
6)	B beta-BHC	6.066	6.726	16758337	58351190	67.631m	57.239
7)	B delta-BHC	6.324	6.991	41101143	145.1E6	62.075	63.345m
8)	B Heptachlo...	6.987	7.949	40368180	121.9E6	64.031	63.197
9)	A Endosulfan I	7.389	8.354	38245111	112.2E6	65.371	64.131
10)	B gamma-Chl...	7.263	8.219	41083089	125.1E6	64.855m	64.677
11)	B alpha-Chl...	7.334	8.299	41048535	121.6E6	64.463	64.026
12)	B 4,4'-DDE	7.549	8.490	39936901	119.6E6	65.717	64.013
13)	MA Dieldrin	7.676	8.643	41734410	121.4E6	66.088	65.166
14)	MA Endrin	7.967	8.882	36833101	97989986	62.876	62.191
15)	B Endosulfa...	8.279	9.119	38794287	104.2E6	63.765	61.968
16)	A 4,4'-DDD	8.135	9.030	34110942	95535392	70.903	69.039
17)	MA 4,4'-DDT	8.395	9.346	32340441	88685993	60.103	57.933
18)	B Endrin al...	8.468	9.253	31958292	84396606	73.318	74.988
19)	B Endosulfa...	8.699	9.491	38299585	98119391	64.358	65.589
20)	A Methoxychlor	8.991	9.834	19728228	46096370	56.106	56.933
21)	B Endrin ke...	9.217	9.986	45771200	108.1E6	66.598	67.844m
22)	Mirex	9.398	10.449	41573878	87122117	70.078	74.216

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022122\
Data File : PL072864.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2022 23:00
Operator : AR\AJ
Sample : N1612-01MSD
Misc :
ALS Vial : 32 Sample Multiplier: 1

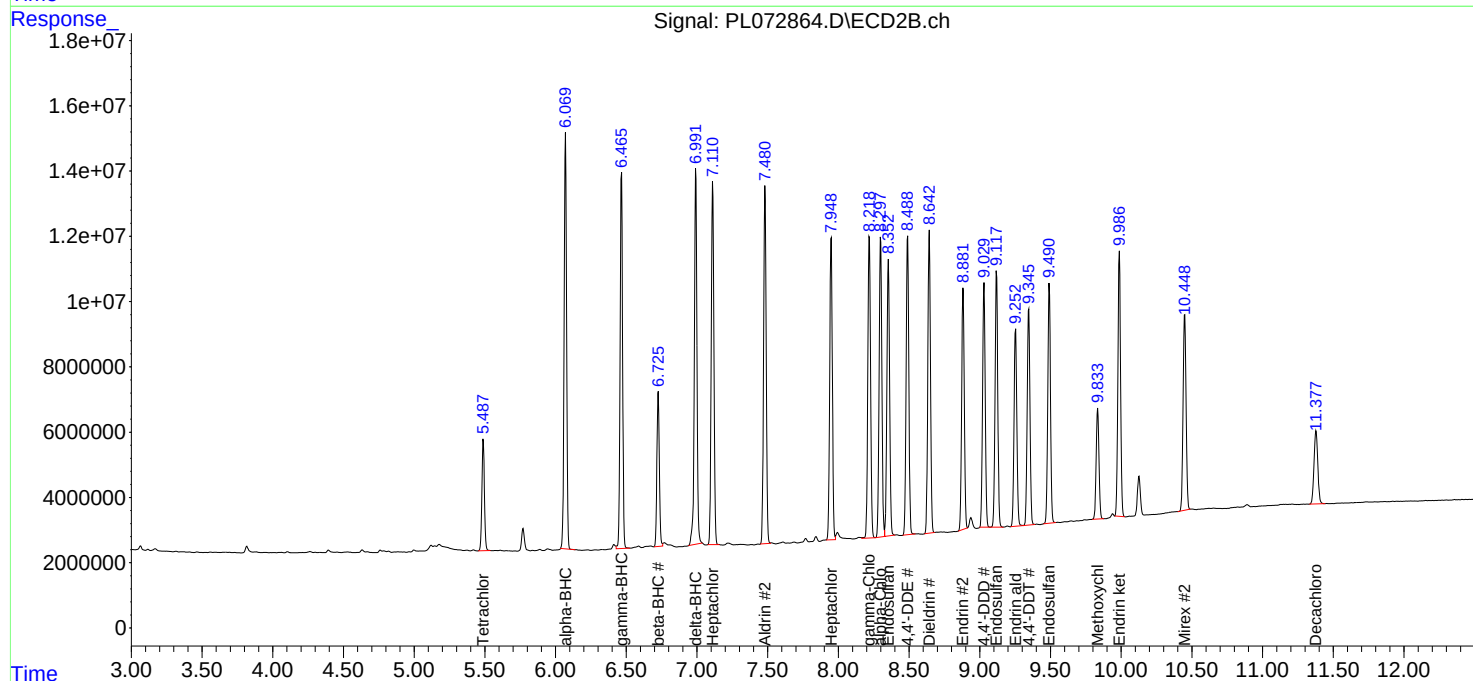
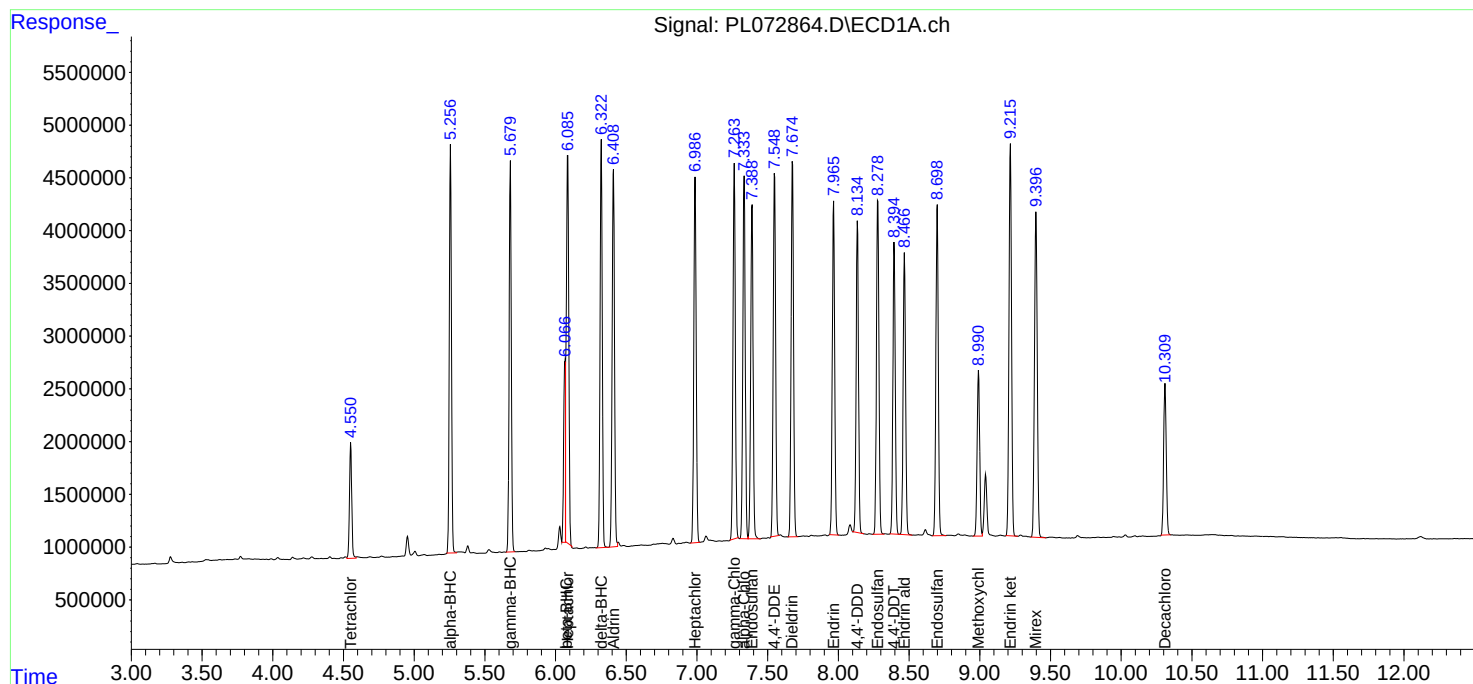
Instrument :
ECD_L
ClientSampleId :
WASTE-CHARACTERMSD

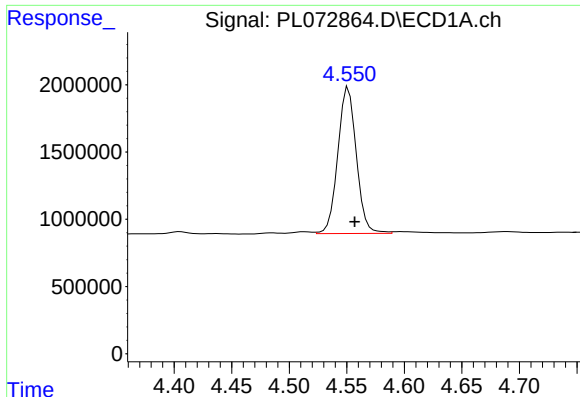
Manual Integrations
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Supervised By :Ankita Jodhani 02/22/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 02:34:40 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL020722.M
Quant Title : GC Extractables
QLast Update : Tue Feb 08 05:14:10 2022
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





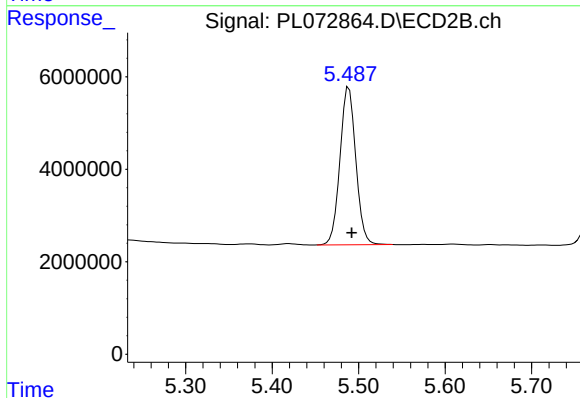
#1 Tetrachloro-m-xylene

R.T.: 4.551 min
Delta R.T.: -0.006 min
Response: 12207545
Conc: 25.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
WASTE-CHARACTERMSD

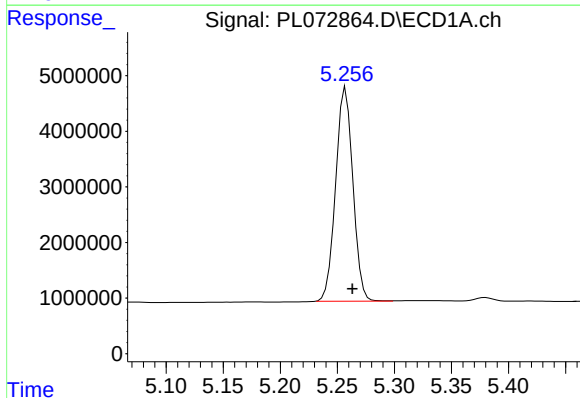
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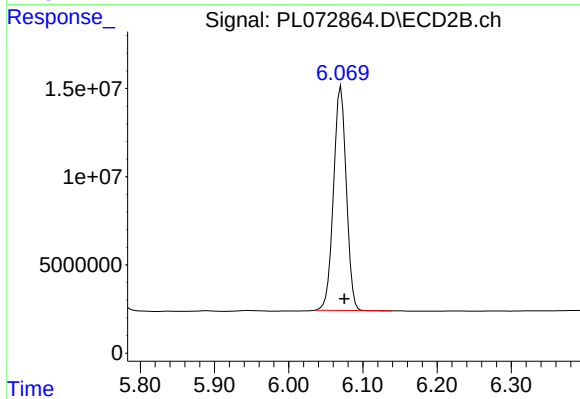
#1 Tetrachloro-m-xylene

R.T.: 5.489 min
Delta R.T.: -0.003 min
Response: 43148970
Conc: 24.98 ng/ml



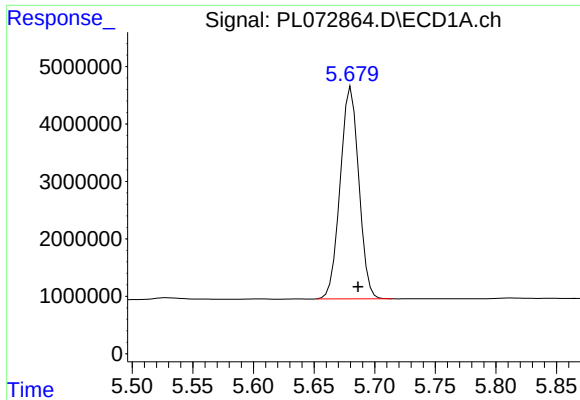
#2 alpha-BHC

R.T.: 5.257 min
Delta R.T.: -0.006 min
Response: 40424699
Conc: 61.31 ng/ml



#2 alpha-BHC

R.T.: 6.070 min
Delta R.T.: -0.005 min
Response: 152493388
Conc: 63.68 ng/ml



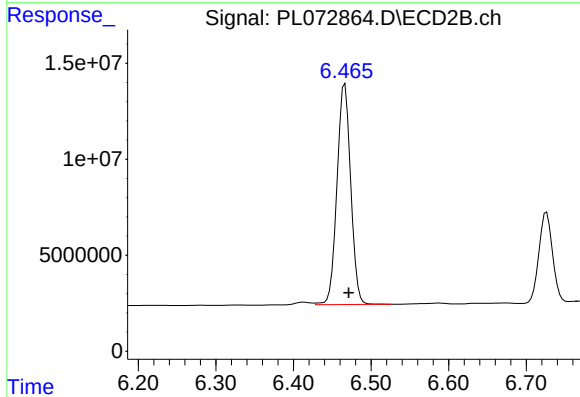
#3 gamma-BHC (Lindane)

R.T.: 5.681 min
Delta R.T.: -0.006 min
Response: 39430893
Conc: 62.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
WASTE-CHARACTERMSD

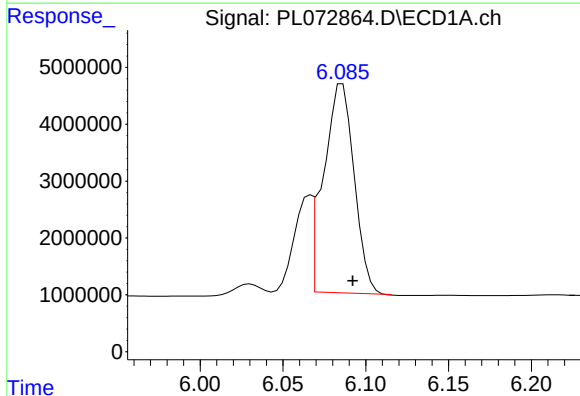
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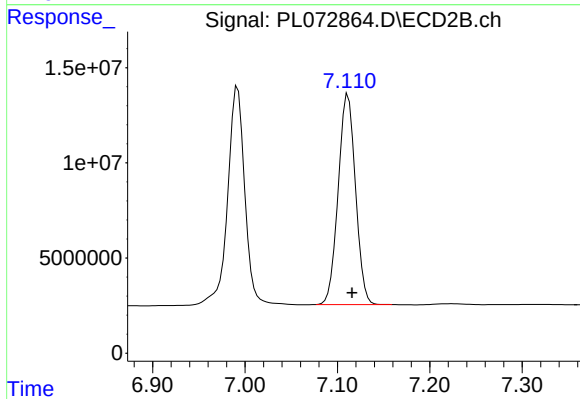
#3 gamma-BHC (Lindane)

R.T.: 6.466 min
Delta R.T.: -0.005 min
Response: 141223954
Conc: 61.34 ng/ml



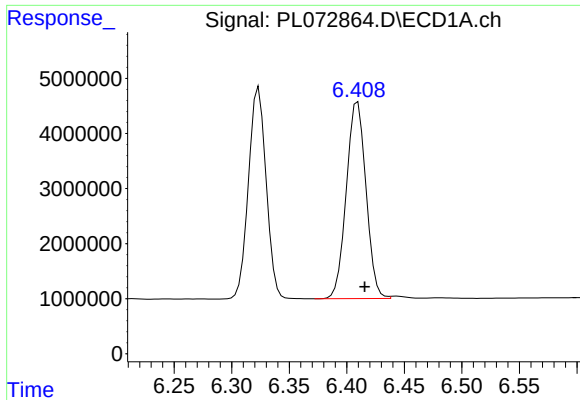
#4 Heptachlor

R.T.: 6.085 min
Delta R.T.: -0.008 min
Response: 45666172
Conc: 62.56 ng/ml m



#4 Heptachlor

R.T.: 7.112 min
Delta R.T.: -0.004 min
Response: 143993003
Conc: 63.24 ng/ml



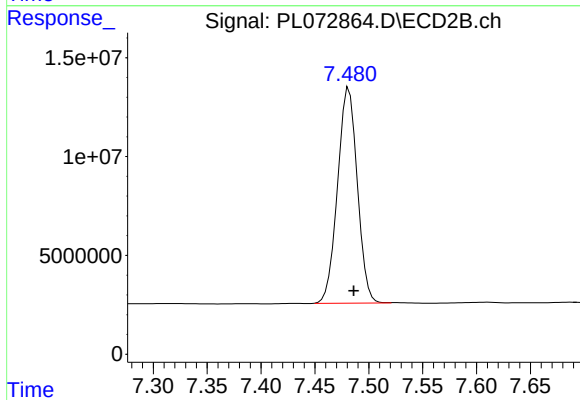
#5 Aldrin

R.T.: 6.410 min
Delta R.T.: -0.006 min
Response: 42720559
Conc: 66.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
WASTE-CHARACTERMSD

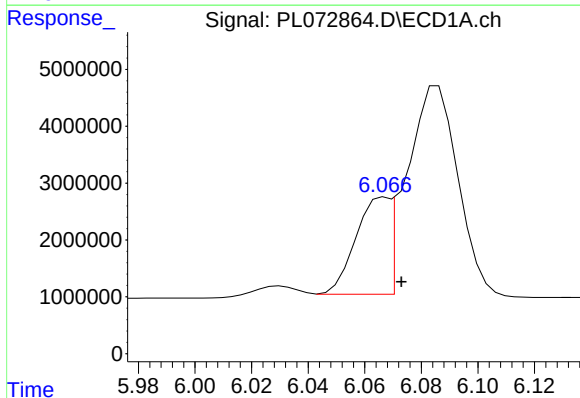
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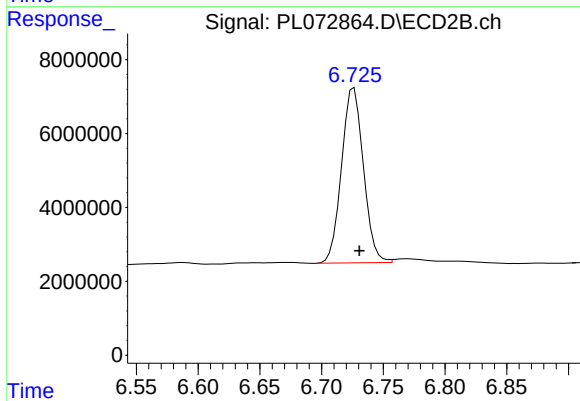
#5 Aldrin

R.T.: 7.482 min
Delta R.T.: -0.005 min
Response: 139051541
Conc: 65.04 ng/ml



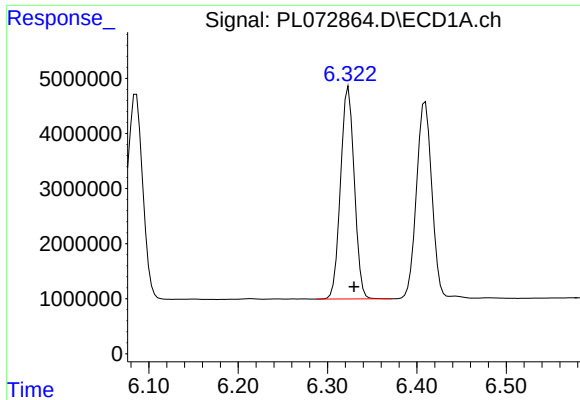
#6 beta-BHC

R.T.: 6.066 min
Delta R.T.: -0.007 min
Response: 16758337
Conc: 67.63 ng/ml m



#6 beta-BHC

R.T.: 6.726 min
Delta R.T.: -0.004 min
Response: 58351190
Conc: 57.24 ng/ml



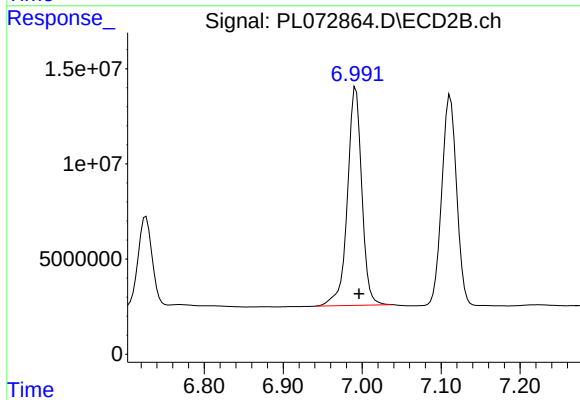
#7 delta-BHC

R.T.: 6.324 min
Delta R.T.: -0.006 min
Response: 41101143
Conc: 62.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
WASTE-CHARACTERMSD

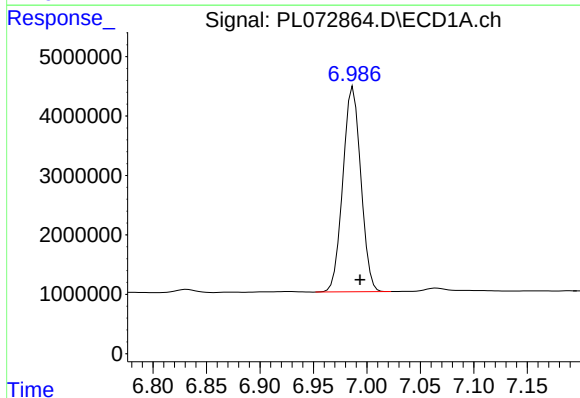
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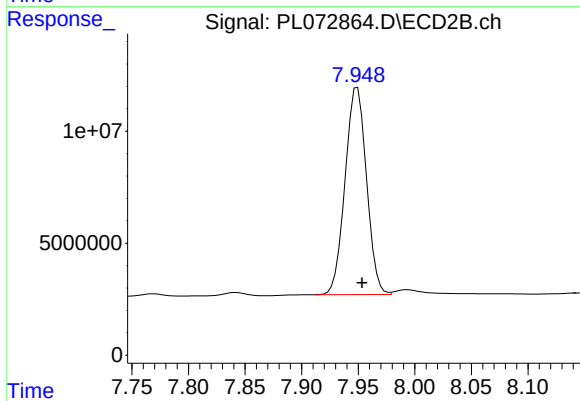
#7 delta-BHC

R.T.: 6.991 min
Delta R.T.: -0.005 min
Response: 145126245
Conc: 63.35 ng/ml m



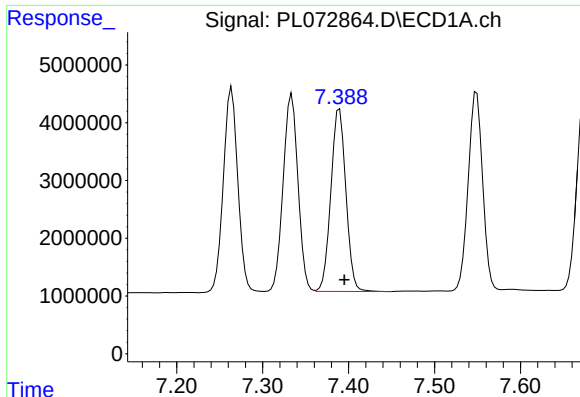
#8 Heptachlor epoxide

R.T.: 6.987 min
Delta R.T.: -0.006 min
Response: 40368180
Conc: 64.03 ng/ml



#8 Heptachlor epoxide

R.T.: 7.949 min
Delta R.T.: -0.004 min
Response: 121925130
Conc: 63.20 ng/ml



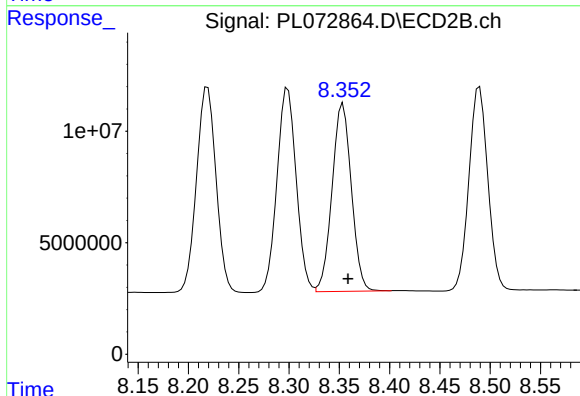
#9 Endosulfan I

R.T.: 7.389 min
Delta R.T.: -0.006 min
Response: 38245111
Conc: 65.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
WASTE-CHARACTERMSD

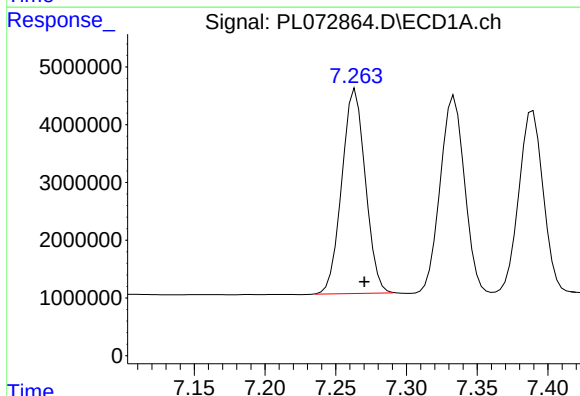
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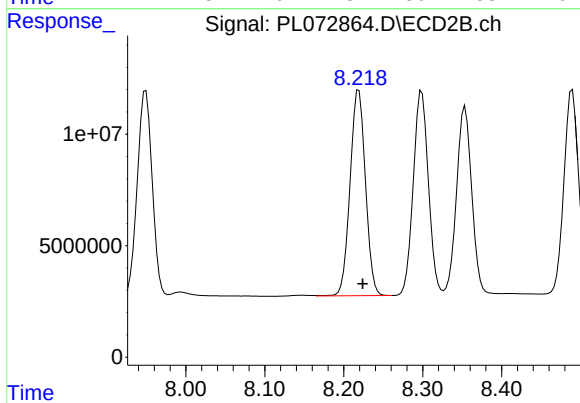
#9 Endosulfan I

R.T.: 8.354 min
Delta R.T.: -0.005 min
Response: 112196351
Conc: 64.13 ng/ml



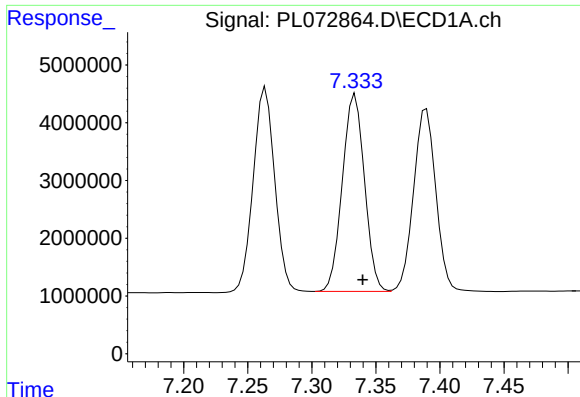
#10 gamma-Chlordane

R.T.: 7.263 min
Delta R.T.: -0.008 min
Response: 41083089
Conc: 64.85 ng/ml m



#10 gamma-Chlordane

R.T.: 8.219 min
Delta R.T.: -0.005 min
Response: 125101495
Conc: 64.68 ng/ml



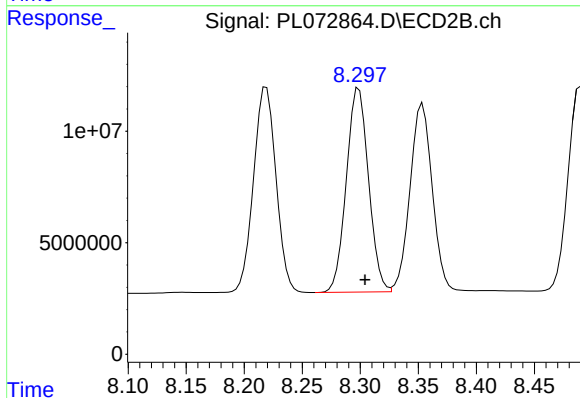
#11 alpha-Chlordane

R.T.: 7.334 min
Delta R.T.: -0.006 min
Response: 41048535
Conc: 64.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
WASTE-CHARACTERMSD

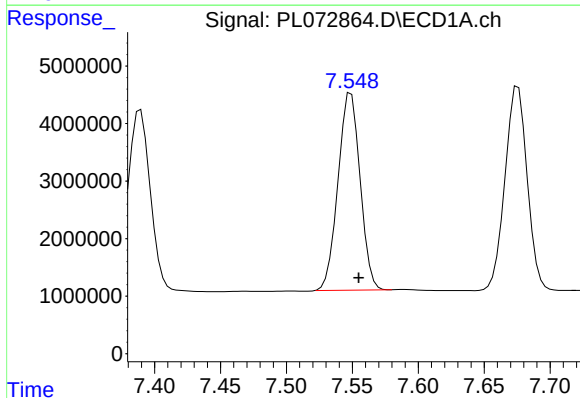
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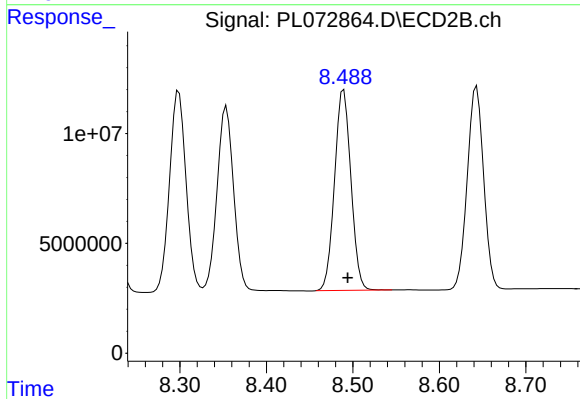
#11 alpha-Chlordane

R.T.: 8.299 min
Delta R.T.: -0.005 min
Response: 121648140
Conc: 64.03 ng/ml



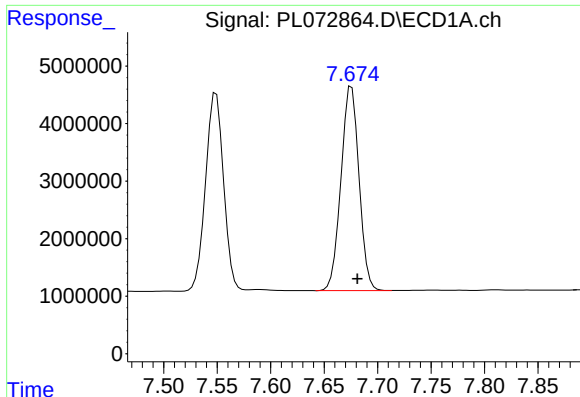
#12 4,4'-DDE

R.T.: 7.549 min
Delta R.T.: -0.006 min
Response: 39936901
Conc: 65.72 ng/ml



#12 4,4'-DDE

R.T.: 8.490 min
Delta R.T.: -0.005 min
Response: 119645277
Conc: 64.01 ng/ml



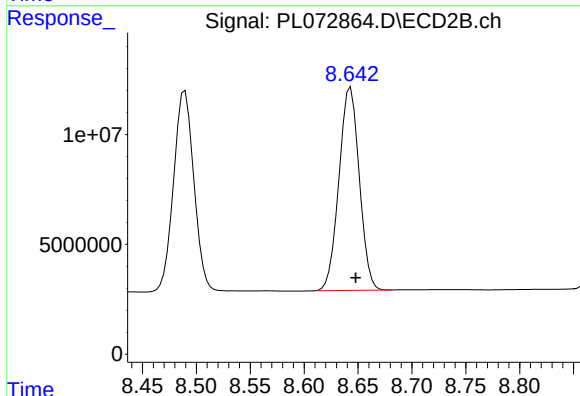
#13 Dieldrin

R.T.: 7.676 min
Delta R.T.: -0.006 min
Response: 41734410
Conc: 66.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
WASTE-CHARACTERMSD

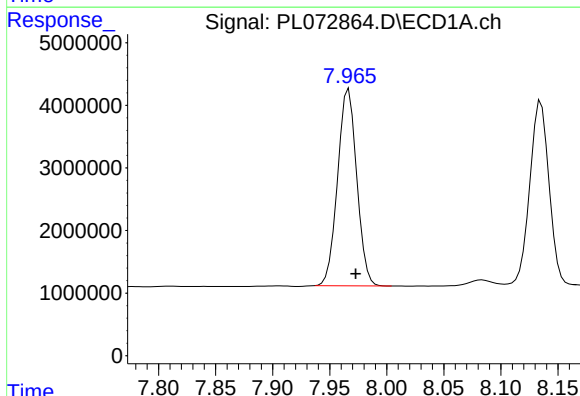
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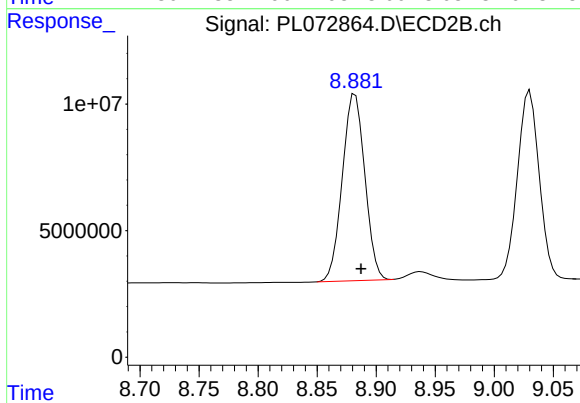
#13 Dieldrin

R.T.: 8.643 min
Delta R.T.: -0.005 min
Response: 121447511
Conc: 65.17 ng/ml



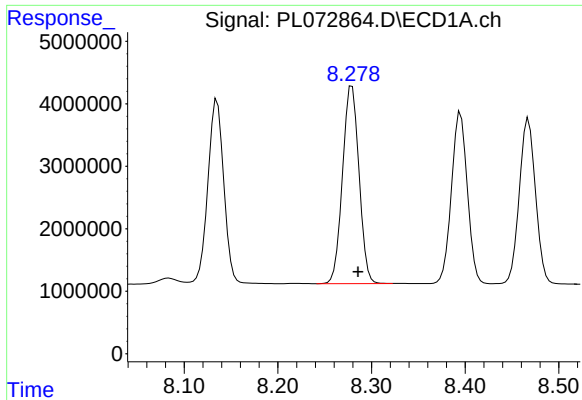
#14 Endrin

R.T.: 7.967 min
Delta R.T.: -0.006 min
Response: 36833101
Conc: 62.88 ng/ml



#14 Endrin

R.T.: 8.882 min
Delta R.T.: -0.005 min
Response: 97989986
Conc: 62.19 ng/ml



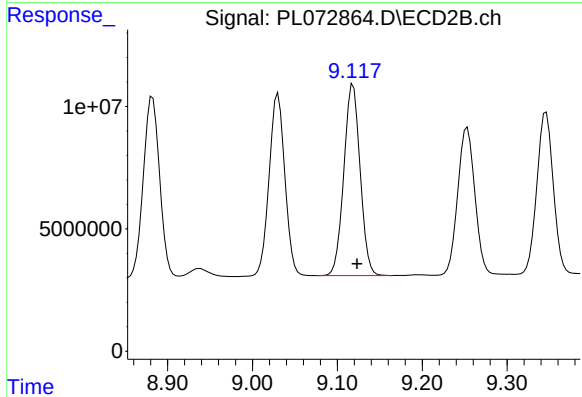
#15 Endosulfan II

R.T.: 8.279 min
Delta R.T.: -0.006 min
Response: 38794287
Conc: 63.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
WASTE-CHARACTERMSD

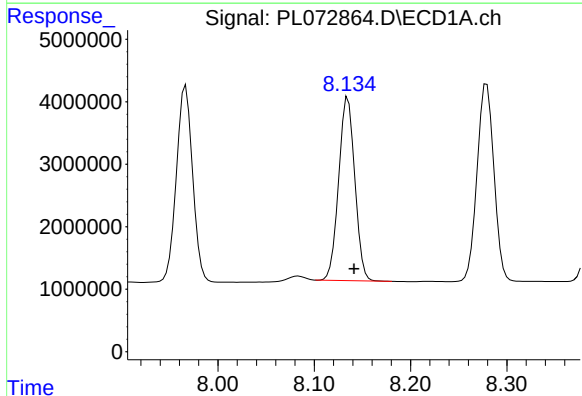
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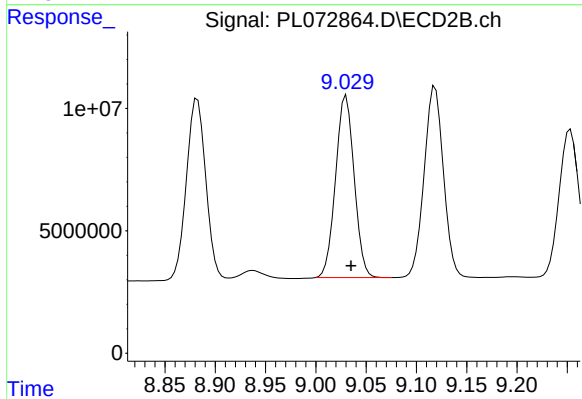
#15 Endosulfan II

R.T.: 9.119 min
Delta R.T.: -0.005 min
Response: 104188075
Conc: 61.97 ng/ml



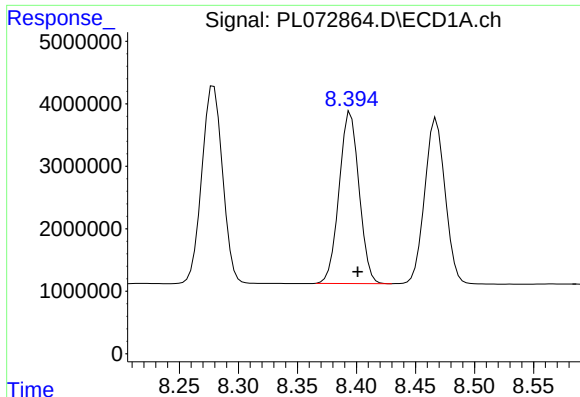
#16 4,4'-DDD

R.T.: 8.135 min
Delta R.T.: -0.006 min
Response: 34110942
Conc: 70.90 ng/ml



#16 4,4'-DDD

R.T.: 9.030 min
Delta R.T.: -0.005 min
Response: 95535392
Conc: 69.04 ng/ml



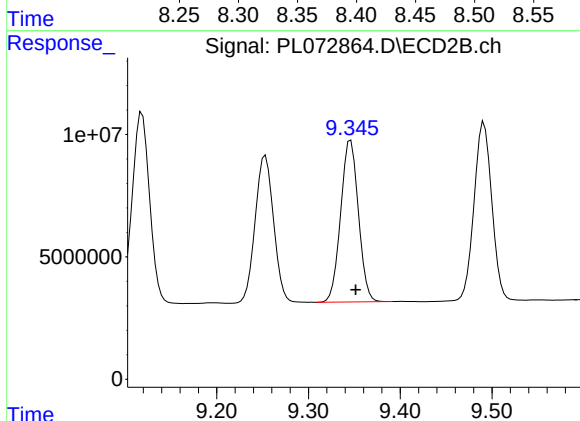
#17 4,4'-DDT

R.T.: 8.395 min
Delta R.T.: -0.006 min
Response: 32340441
Conc: 60.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
WASTE-CHARACTERMSD

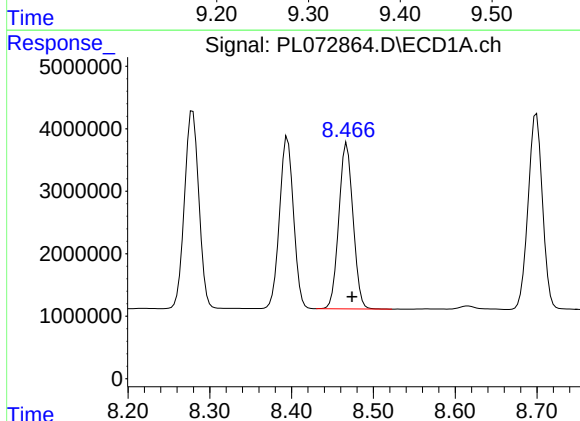
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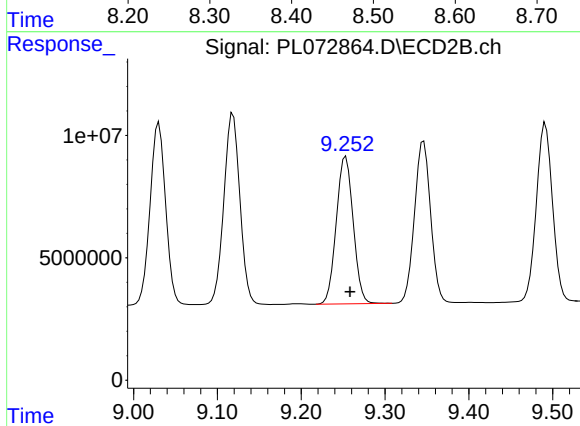
#17 4,4'-DDT

R.T.: 9.346 min
Delta R.T.: -0.005 min
Response: 88685993
Conc: 57.93 ng/ml



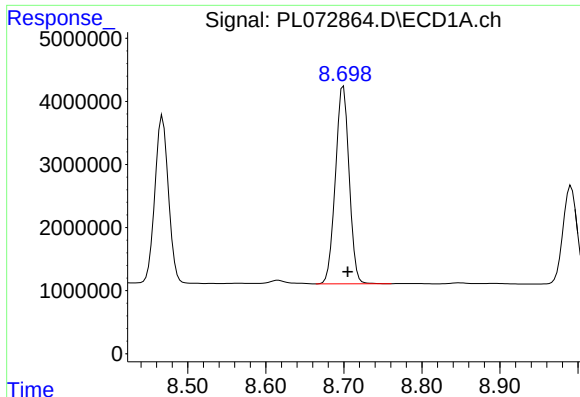
#18 Endrin aldehyde

R.T.: 8.468 min
Delta R.T.: -0.006 min
Response: 31958292
Conc: 73.32 ng/ml



#18 Endrin aldehyde

R.T.: 9.253 min
Delta R.T.: -0.005 min
Response: 84396606
Conc: 74.99 ng/ml



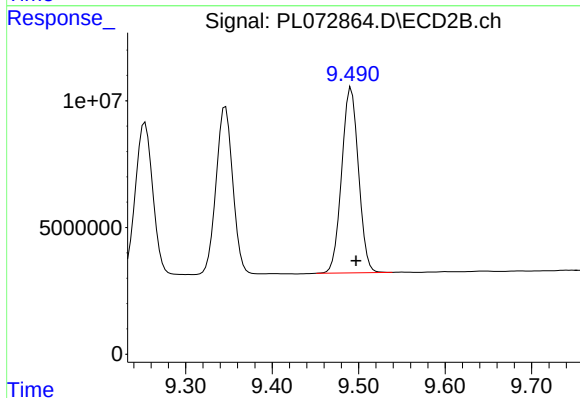
#19 Endosulfan Sulfate

R.T.: 8.699 min
Delta R.T.: -0.006 min
Response: 38299585
Conc: 64.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
WASTE-CHARACTERMSD

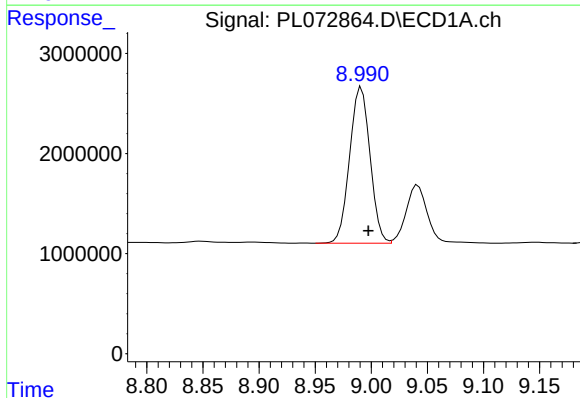
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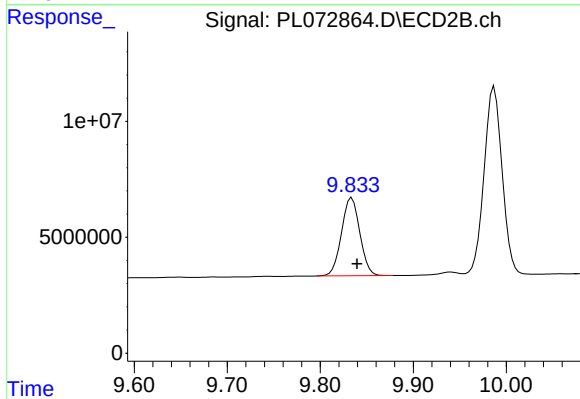
#19 Endosulfan Sulfate

R.T.: 9.491 min
Delta R.T.: -0.006 min
Response: 98119391
Conc: 65.59 ng/ml



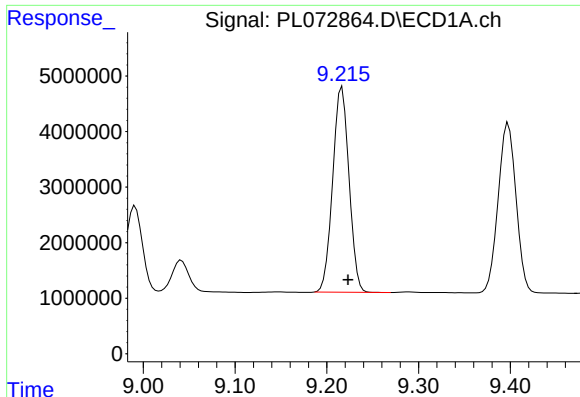
#20 Methoxychlor

R.T.: 8.991 min
Delta R.T.: -0.006 min
Response: 19728228
Conc: 56.11 ng/ml



#20 Methoxychlor

R.T.: 9.834 min
Delta R.T.: -0.005 min
Response: 46096370
Conc: 56.93 ng/ml



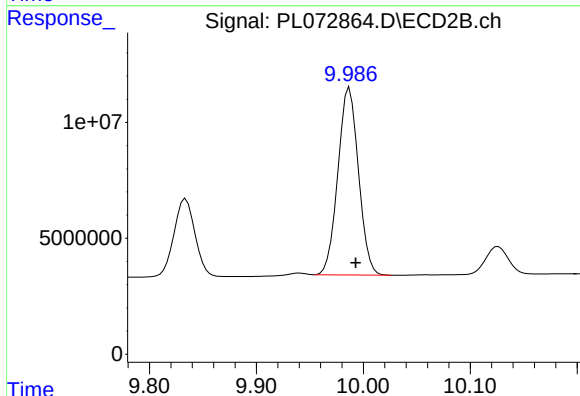
#21 Endrin ketone

R.T.: 9.217 min
Delta R.T.: -0.006 min
Response: 45771200
Conc: 66.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
WASTE-CHARACTERMSD

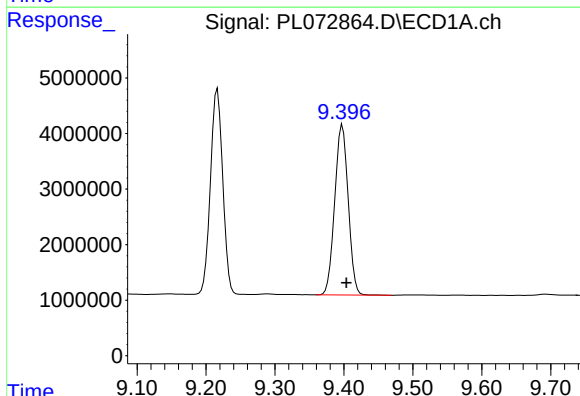
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APPROVED

Reviewed By :Abdul Mirza 02/22/2022
Supervised By :Ankita Jodhani 02/22/2022



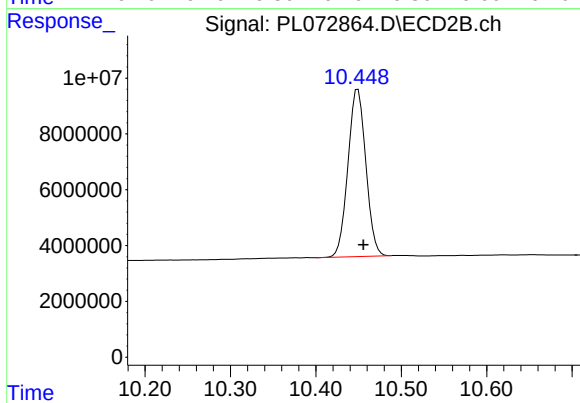
#21 Endrin ketone

R.T.: 9.986 min
Delta R.T.: -0.007 min
Response: 108096051
Conc: 67.84 ng/ml m



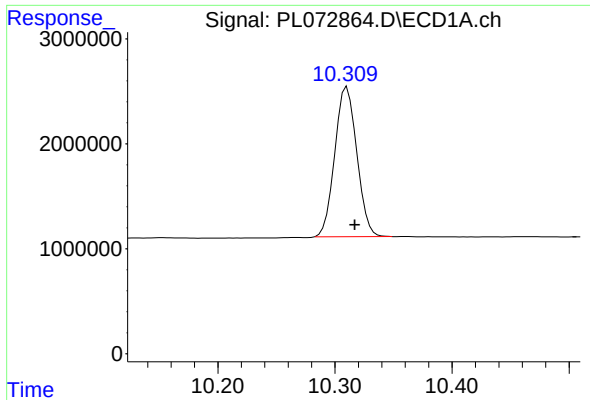
#22 Mirex

R.T.: 9.398 min
Delta R.T.: -0.006 min
Response: 41573878
Conc: 70.08 ng/ml



#22 Mirex

R.T.: 10.449 min
Delta R.T.: -0.006 min
Response: 87122117
Conc: 74.22 ng/ml



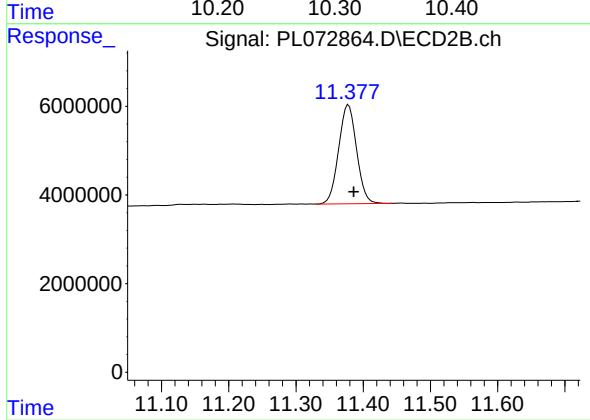
#28 Decachlorobiphenyl

R.T.: 10.310 min
Delta R.T.: -0.007 min
Response: 18676266
Conc: 24.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
WASTE-CHARACTERMSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 11.378 min
Delta R.T.: -0.008 min
Response: 41178973
Conc: 25.97 ng/ml