

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL011022\
 Data File : PL071921.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Jan 2022 19:48
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 01/11/2022
 Supervised By : mohammad ahmed 01/12/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 11 01:38:21 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL010422.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 06 10:33:37 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...	4.557	5.493	23519959	65628682	50.915	53.416
28) SA Decachlor...	10.320	11.388	35777991	63470215	49.484	53.561
Target Compounds						
2) A alpha-BHC	5.264	6.075	32532131	95742185	52.687	54.915
3) MA gamma-BHC...	5.687	6.471	31631185	88752517	51.964	54.867
4) MA Heptachlor	6.093	7.117	35338637	89820605	51.765	56.054
5) MB Aldrin	6.417	7.487	32434299	84730699	51.514	54.998
6) B beta-BHC	6.072	6.730	14112140	38901200	52.158	54.445
7) B delta-BHC	6.330	6.996	32940704	89641246	52.676	58.394
8) B Heptachlo...	6.995	7.955	31341894	76297448	51.380	54.602
9) A Endosulfan I	7.397	8.360	29213841	68507418	51.584	55.310
10) B gamma-Chl...	7.272	8.225	31795502	75627937	51.280	55.307
11) B alpha-Chl...	7.341	8.306	31866263	74446578	51.463	55.938
12) B 4,4'-DDE	7.557	8.496	29260404	72163462	52.775	57.333
13) MA Dieldrin	7.683	8.650	31153518	72674064	51.654	55.392
14) MA Endrin	7.975	8.889	28153826	60050959	53.275	58.024
15) B Endosulfa...	8.287	9.125	29476258	62745783	50.993	55.875
16) A 4,4'-DDD	8.143	9.036	24737656	54513207	51.373	56.703
17) MA 4,4'-DDT	8.403	9.351	25974834	55543930	54.425	58.900m
18) B Endrin al...	8.476	9.260	22937629	46869051	50.549	55.231
19) B Endosulfa...	8.707	9.498	29764520	58190300	50.903	56.014
20) A Methoxychlor	8.999	9.839	16500638	29232492	53.314	59.365m
21) B Endrin ke...	9.225	9.994	35350858	62475751	51.011	55.361
22) Mirex	9.407	10.457	30058810	46417547	50.108	54.031

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL011022\
 Data File : PL071921.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Jan 2022 19:48
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

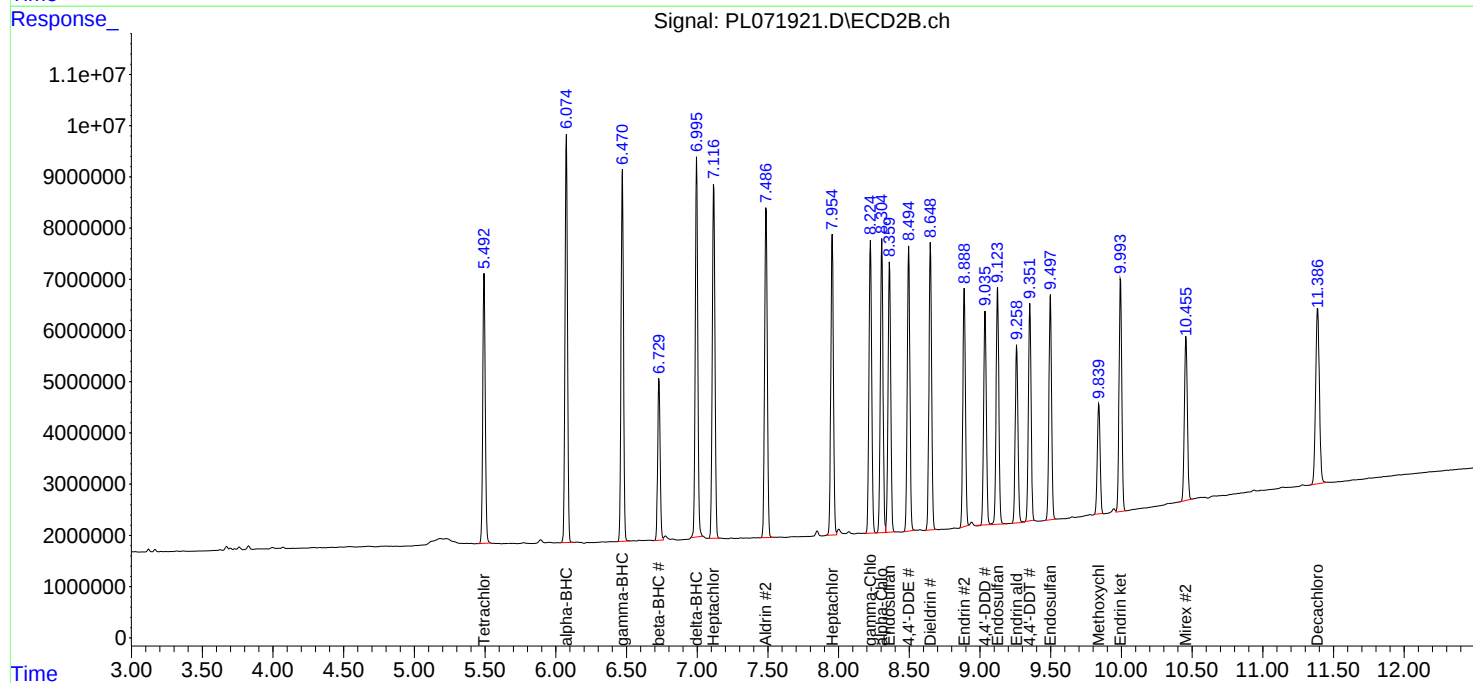
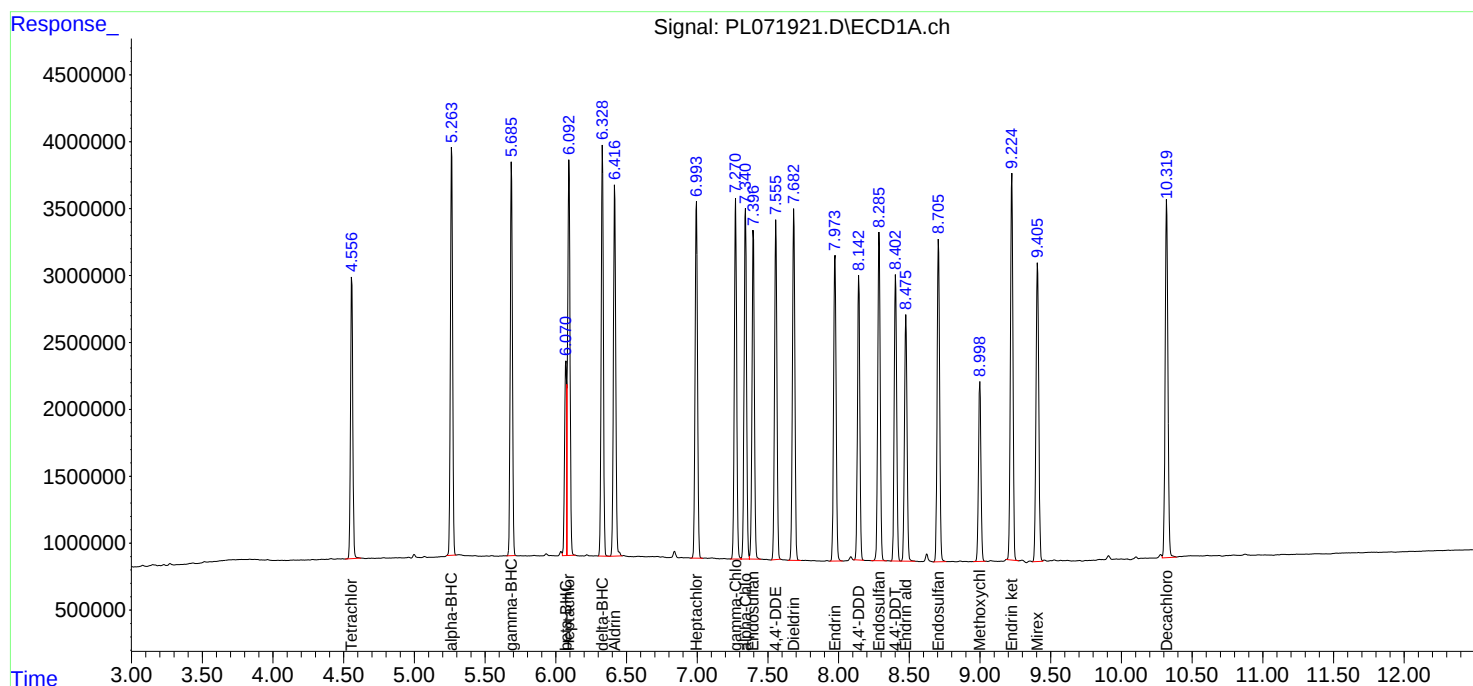
Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

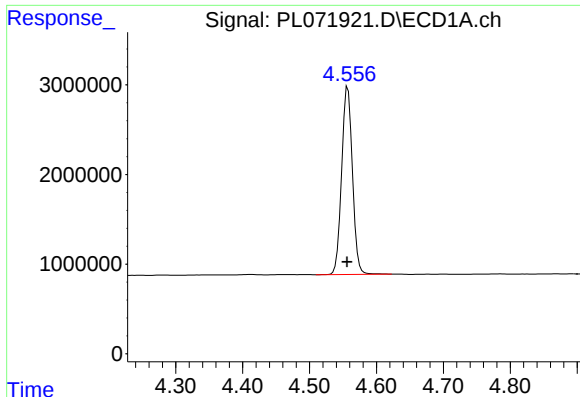
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 01/11/2022
 Supervised By :mohammad ahmed 01/12/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 11 01:38:21 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL010422.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 06 10:33:37 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





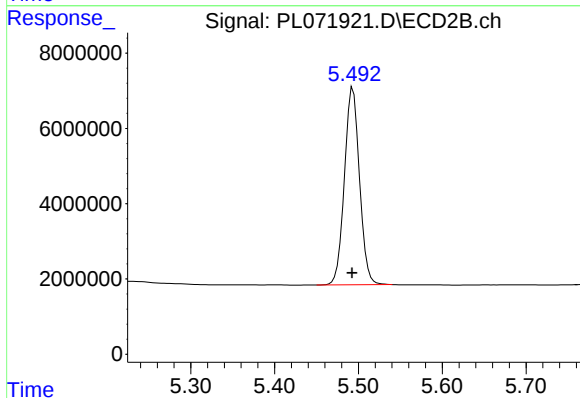
#1 Tetrachloro-m-xylene

R.T.: 4.557 min
Delta R.T.: 0.001 min
Response: 23519959
Conc: 50.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

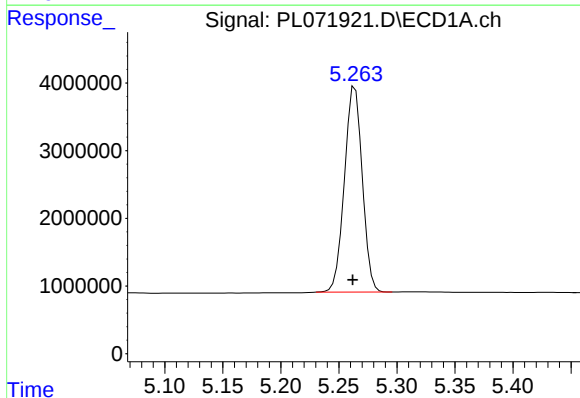
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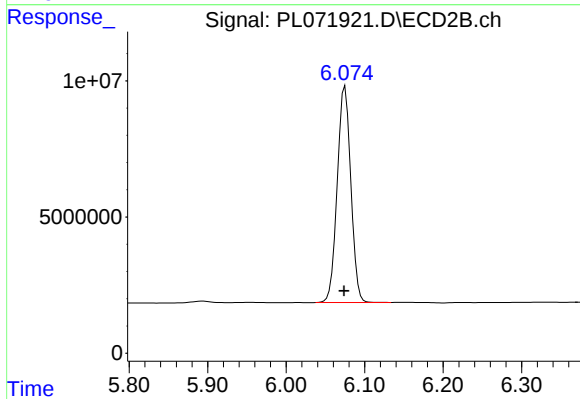
#1 Tetrachloro-m-xylene

R.T.: 5.493 min
Delta R.T.: 0.000 min
Response: 65628682
Conc: 53.42 ng/ml



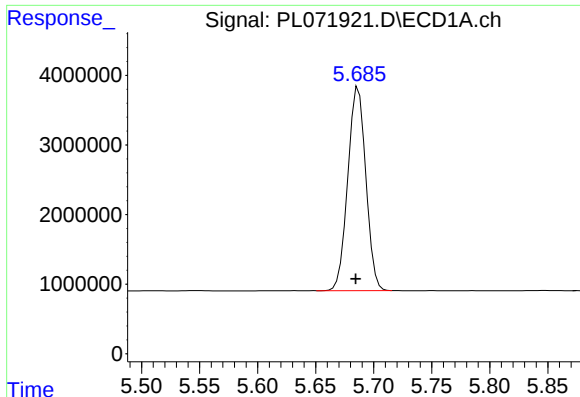
#2 alpha-BHC

R.T.: 5.264 min
Delta R.T.: 0.002 min
Response: 32532131
Conc: 52.69 ng/ml



#2 alpha-BHC

R.T.: 6.075 min
Delta R.T.: 0.001 min
Response: 95742185
Conc: 54.91 ng/ml



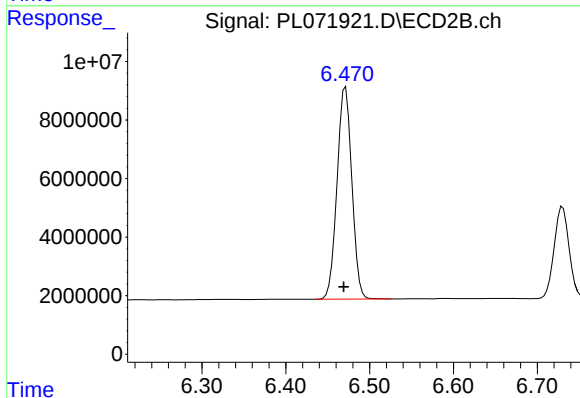
#3 gamma-BHC (Lindane)

R.T.: 5.687 min
Delta R.T.: 0.002 min
Response: 31631185
Conc: 51.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

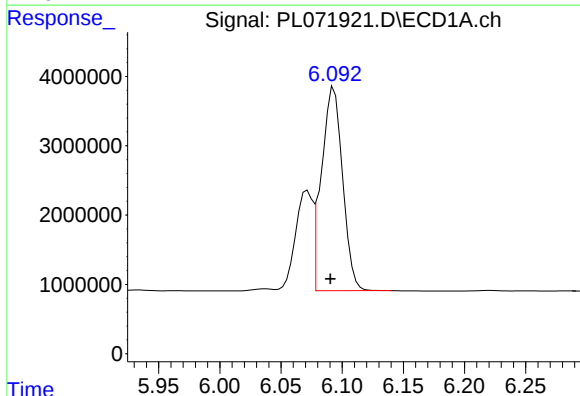
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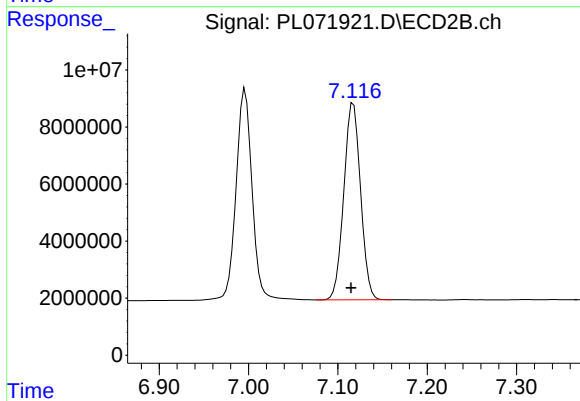
#3 gamma-BHC (Lindane)

R.T.: 6.471 min
Delta R.T.: 0.002 min
Response: 88752517
Conc: 54.87 ng/ml



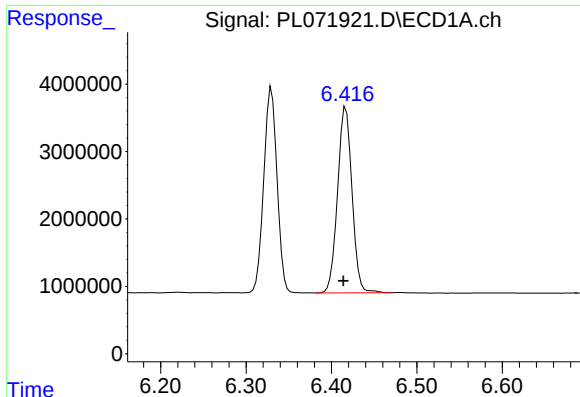
#4 Heptachlor

R.T.: 6.093 min
Delta R.T.: 0.003 min
Response: 35338637
Conc: 51.77 ng/ml



#4 Heptachlor

R.T.: 7.117 min
Delta R.T.: 0.002 min
Response: 89820605
Conc: 56.05 ng/ml



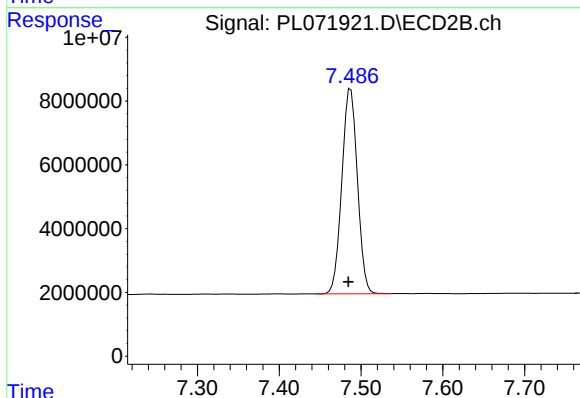
#5 Aldrin

R.T.: 6.417 min
Delta R.T.: 0.003 min
Response: 32434299
Conc: 51.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

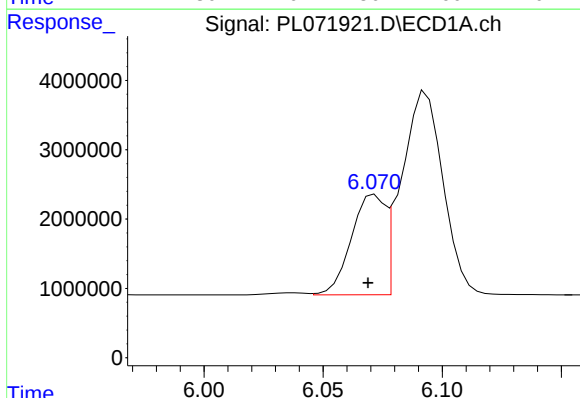
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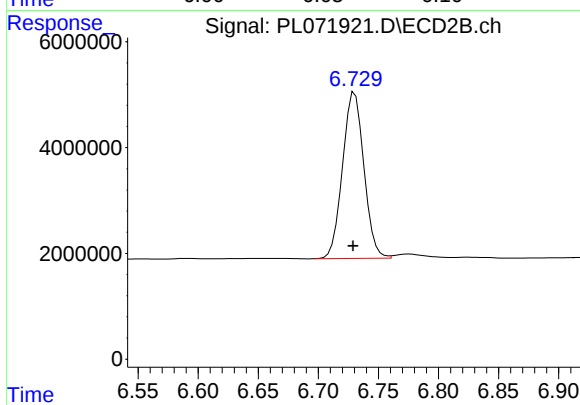
#5 Aldrin

R.T.: 7.487 min
Delta R.T.: 0.003 min
Response: 84730699
Conc: 55.00 ng/ml



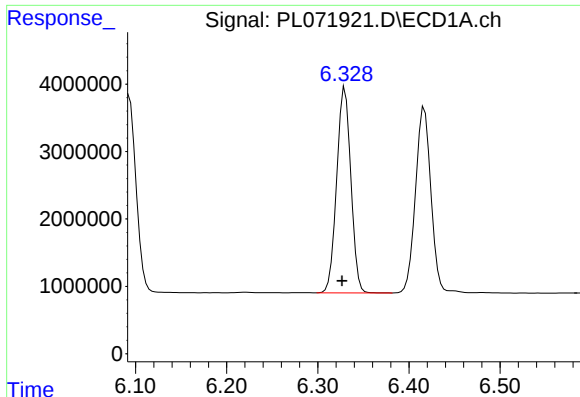
#6 beta-BHC

R.T.: 6.072 min
Delta R.T.: 0.003 min
Response: 14112140
Conc: 52.16 ng/ml



#6 beta-BHC

R.T.: 6.730 min
Delta R.T.: 0.002 min
Response: 38901200
Conc: 54.45 ng/ml



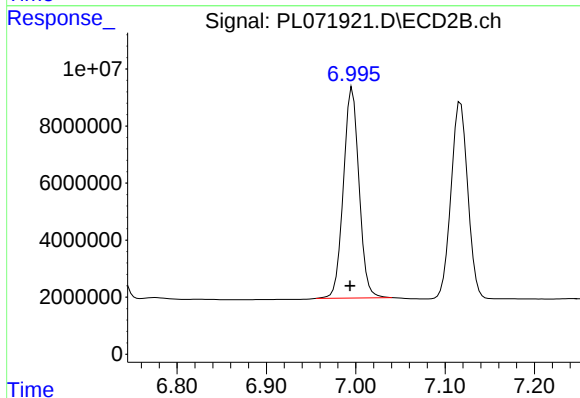
#7 delta-BHC

R.T.: 6.330 min
Delta R.T.: 0.003 min
Response: 32940704
Conc: 52.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

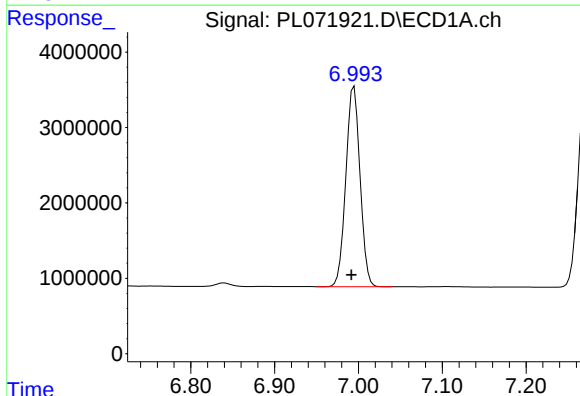
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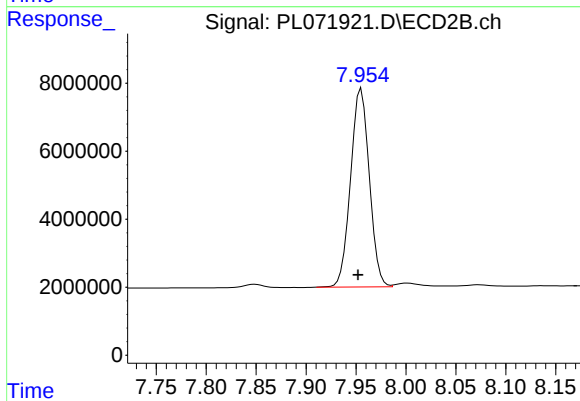
#7 delta-BHC

R.T.: 6.996 min
Delta R.T.: 0.002 min
Response: 89641246
Conc: 58.39 ng/ml



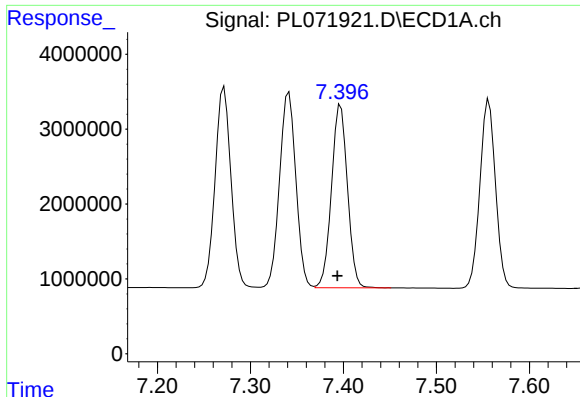
#8 Heptachlor epoxide

R.T.: 6.995 min
Delta R.T.: 0.003 min
Response: 31341894
Conc: 51.38 ng/ml



#8 Heptachlor epoxide

R.T.: 7.955 min
Delta R.T.: 0.003 min
Response: 76297448
Conc: 54.60 ng/ml



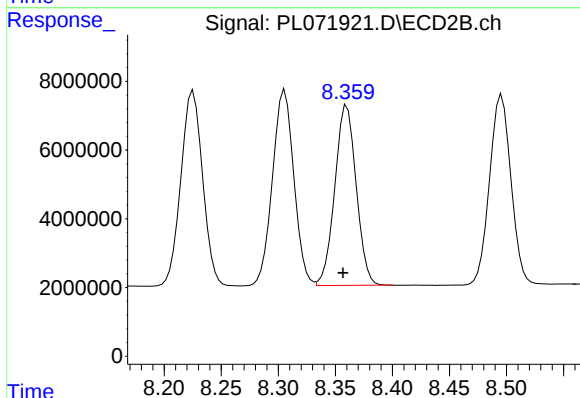
#9 Endosulfan I

R.T.: 7.397 min
Delta R.T.: 0.004 min
Response: 29213841
Conc: 51.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

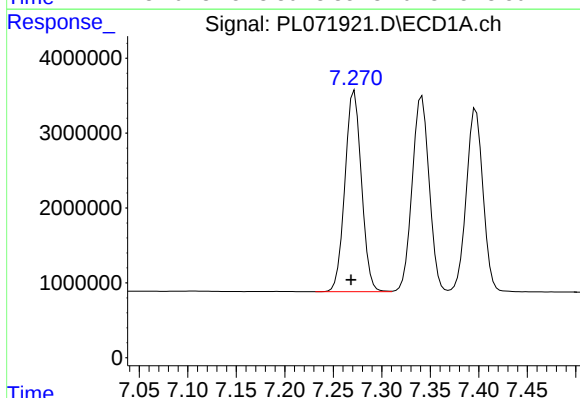
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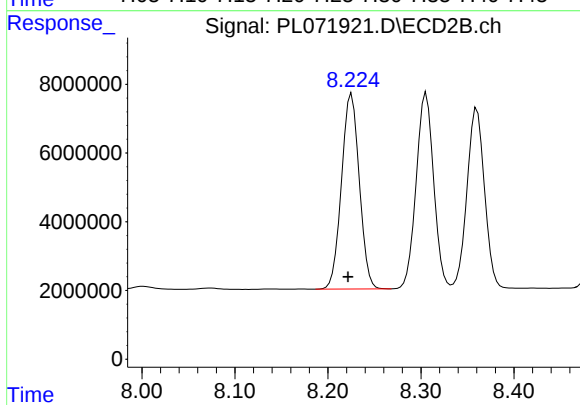
#9 Endosulfan I

R.T.: 8.360 min
Delta R.T.: 0.003 min
Response: 68507418
Conc: 55.31 ng/ml



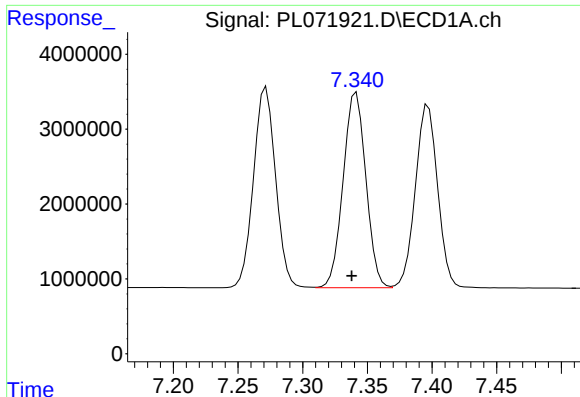
#10 gamma-Chlordane

R.T.: 7.272 min
Delta R.T.: 0.003 min
Response: 31795502
Conc: 51.28 ng/ml



#10 gamma-Chlordane

R.T.: 8.225 min
Delta R.T.: 0.004 min
Response: 75627937
Conc: 55.31 ng/ml



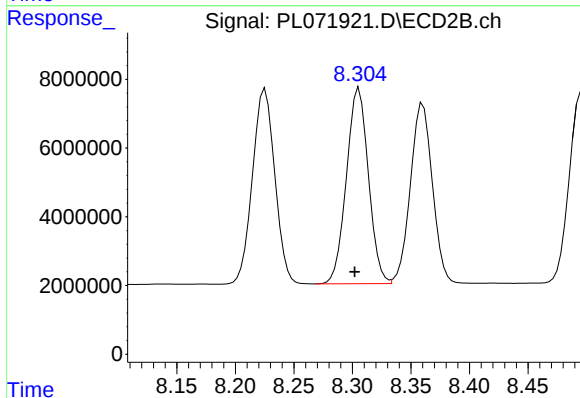
#11 alpha-Chlordane

R.T.: 7.341 min
Delta R.T.: 0.003 min
Response: 31866263
Conc: 51.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

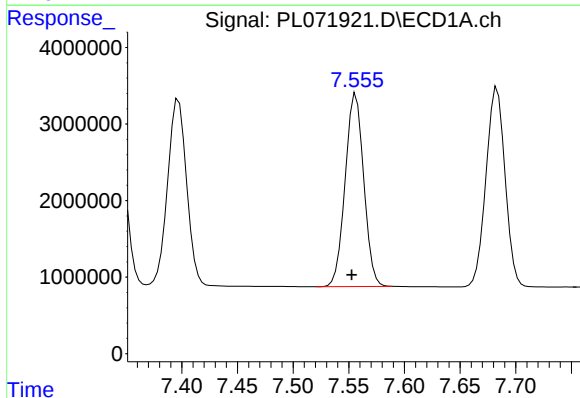
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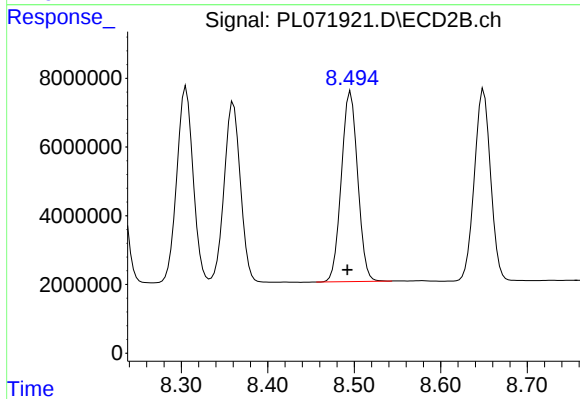
#11 alpha-Chlordane

R.T.: 8.306 min
Delta R.T.: 0.004 min
Response: 74446578
Conc: 55.94 ng/ml



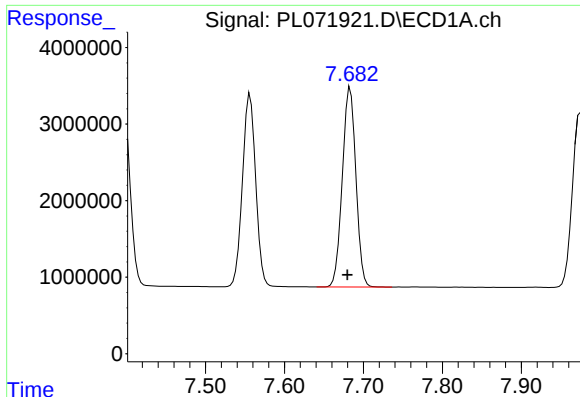
#12 4,4'-DDE

R.T.: 7.557 min
Delta R.T.: 0.004 min
Response: 29260404
Conc: 52.78 ng/ml



#12 4,4'-DDE

R.T.: 8.496 min
Delta R.T.: 0.004 min
Response: 72163462
Conc: 57.33 ng/ml



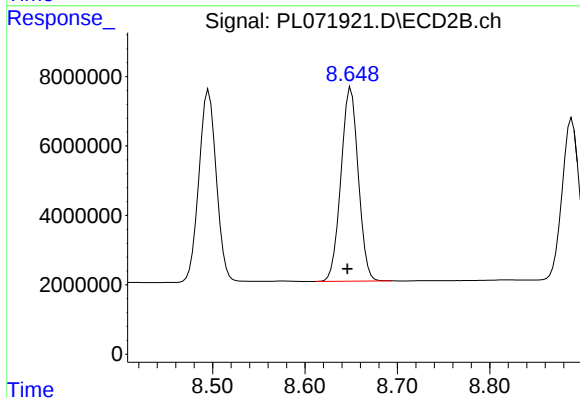
#13 Dieldrin

R.T.: 7.683 min
Delta R.T.: 0.003 min
Response: 31153518
Conc: 51.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

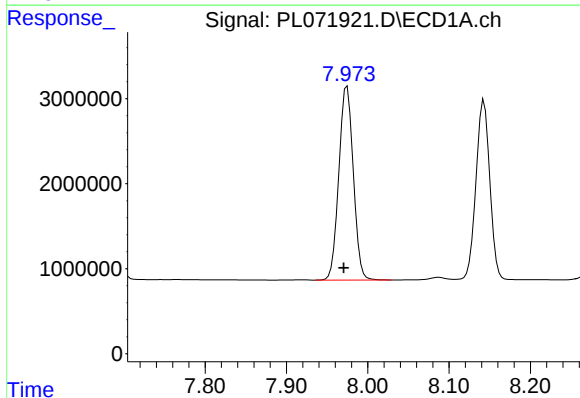
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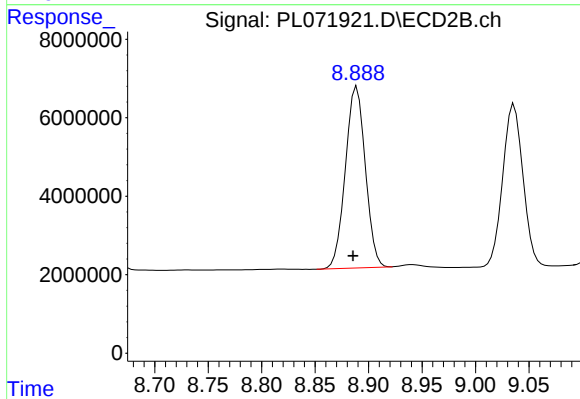
#13 Dieldrin

R.T.: 8.650 min
Delta R.T.: 0.004 min
Response: 72674064
Conc: 55.39 ng/ml



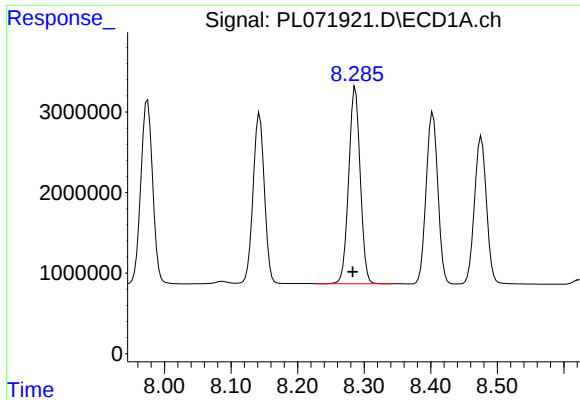
#14 Endrin

R.T.: 7.975 min
Delta R.T.: 0.004 min
Response: 28153826
Conc: 53.27 ng/ml



#14 Endrin

R.T.: 8.889 min
Delta R.T.: 0.004 min
Response: 60050959
Conc: 58.02 ng/ml



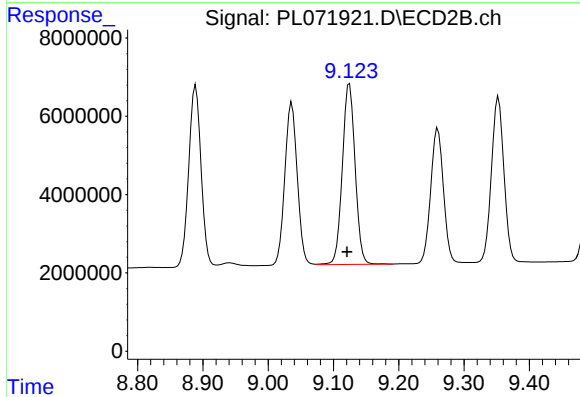
#15 Endosulfan II

R.T.: 8.287 min
Delta R.T.: 0.004 min
Response: 29476258
Conc: 50.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

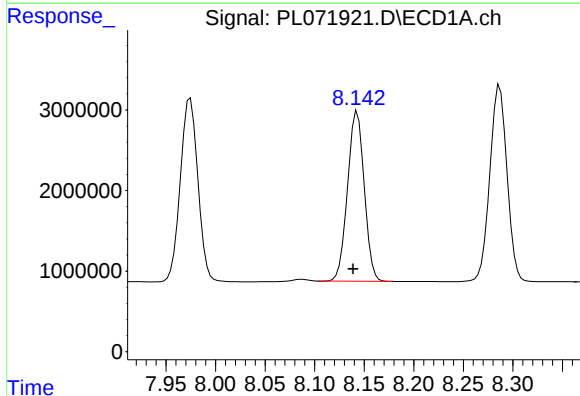
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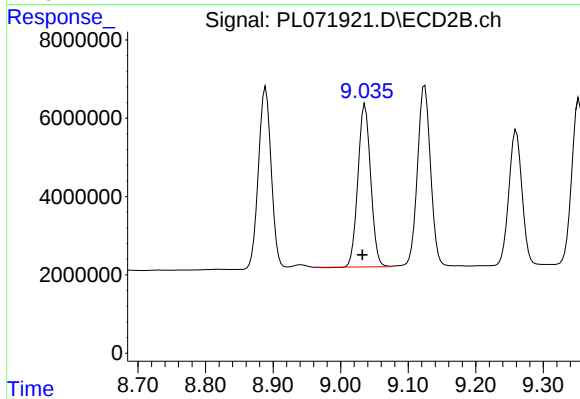
#15 Endosulfan II

R.T.: 9.125 min
Delta R.T.: 0.004 min
Response: 62745783
Conc: 55.87 ng/ml



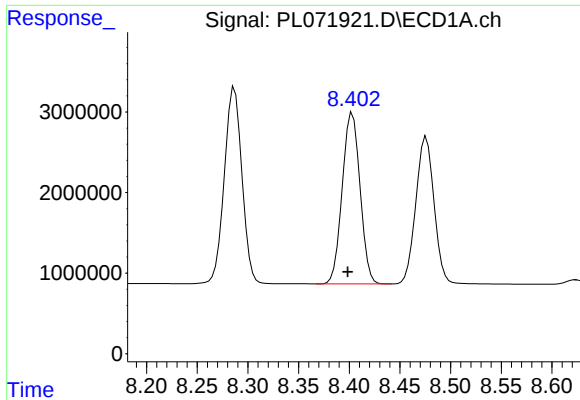
#16 4,4'-DDD

R.T.: 8.143 min
Delta R.T.: 0.004 min
Response: 24737656
Conc: 51.37 ng/ml



#16 4,4'-DDD

R.T.: 9.036 min
Delta R.T.: 0.004 min
Response: 54513207
Conc: 56.70 ng/ml



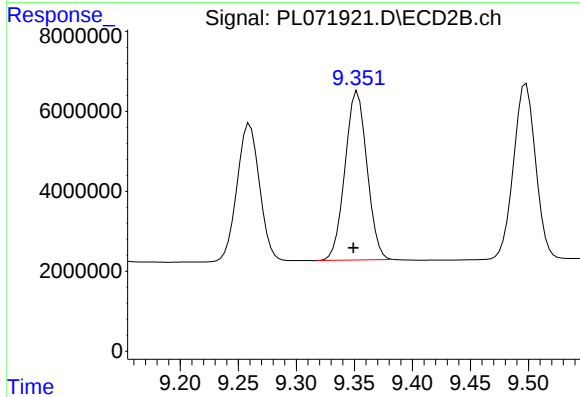
#17 4,4'-DDT

R.T.: 8.403 min
Delta R.T.: 0.005 min
Response: 25974834
Conc: 54.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

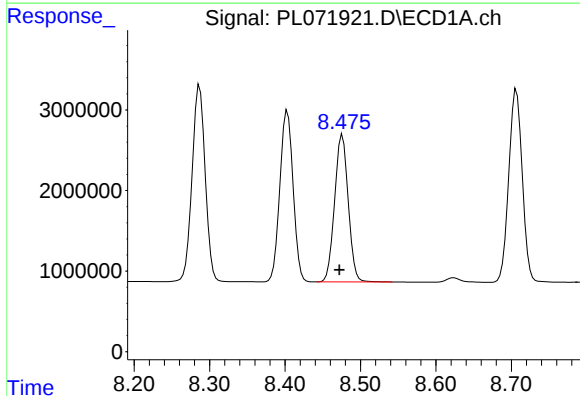
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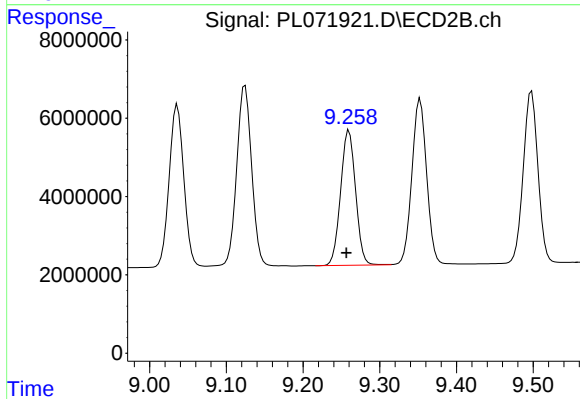
#17 4,4'-DDT

R.T.: 9.351 min
Delta R.T.: 0.002 min
Response: 55543930
Conc: 58.90 ng/ml m



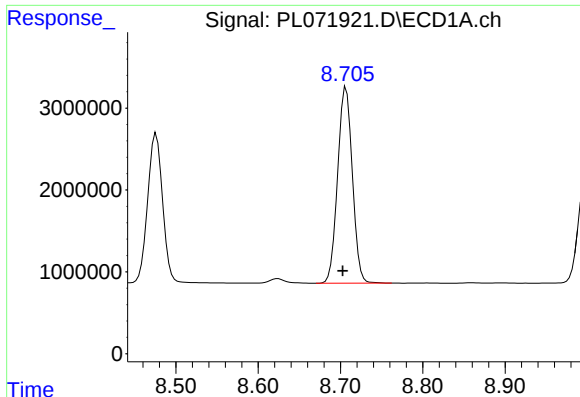
#18 Endrin aldehyde

R.T.: 8.476 min
Delta R.T.: 0.004 min
Response: 22937629
Conc: 50.55 ng/ml



#18 Endrin aldehyde

R.T.: 9.260 min
Delta R.T.: 0.004 min
Response: 46869051
Conc: 55.23 ng/ml



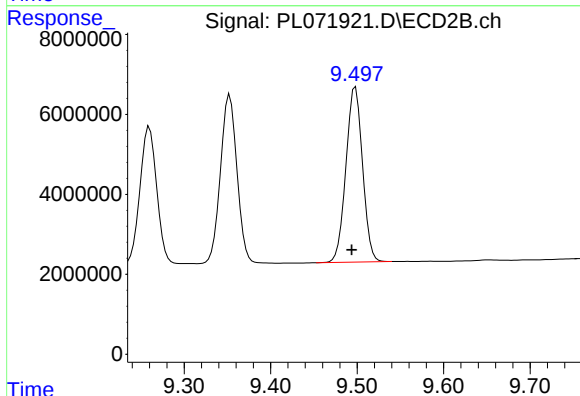
#19 Endosulfan Sulfate

R.T.: 8.707 min
Delta R.T.: 0.004 min
Response: 29764520
Conc: 50.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

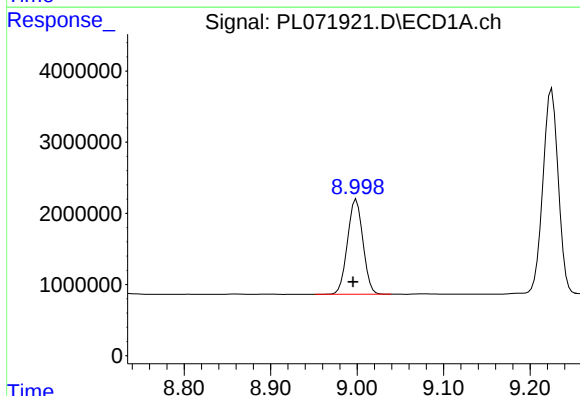
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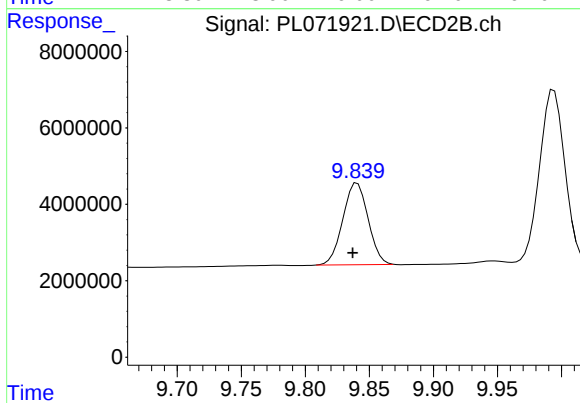
#19 Endosulfan Sulfate

R.T.: 9.498 min
Delta R.T.: 0.004 min
Response: 58190300
Conc: 56.01 ng/ml



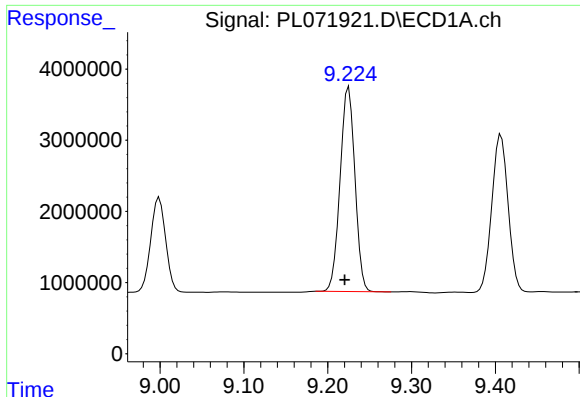
#20 Methoxychlor

R.T.: 8.999 min
Delta R.T.: 0.004 min
Response: 16500638
Conc: 53.31 ng/ml



#20 Methoxychlor

R.T.: 9.839 min
Delta R.T.: 0.002 min
Response: 29232492
Conc: 59.37 ng/ml m



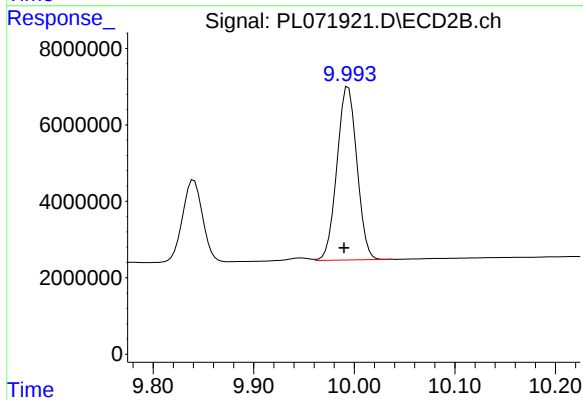
#21 Endrin ketone

R.T.: 9.225 min
Delta R.T.: 0.005 min
Response: 35350858
Conc: 51.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

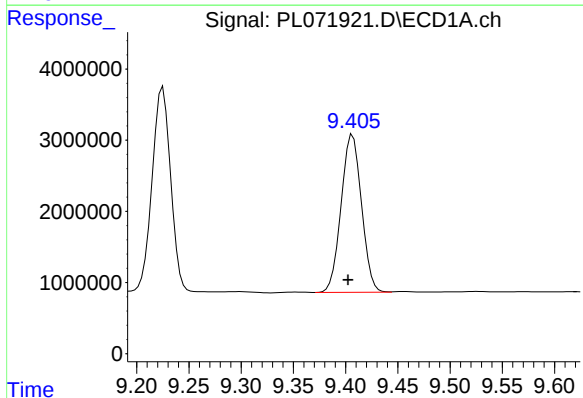
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/11/2022
Supervised By :mohammad ahmed 01/12/2022



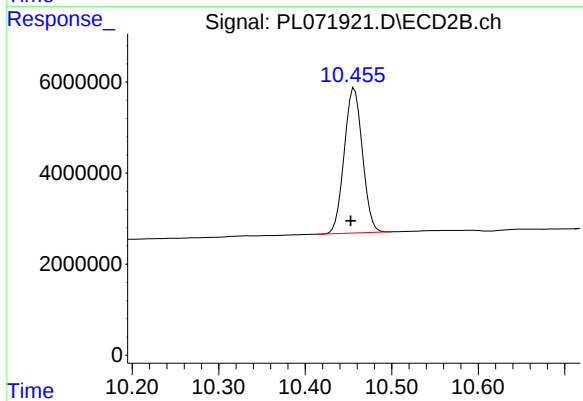
#21 Endrin ketone

R.T.: 9.994 min
Delta R.T.: 0.004 min
Response: 62475751
Conc: 55.36 ng/ml



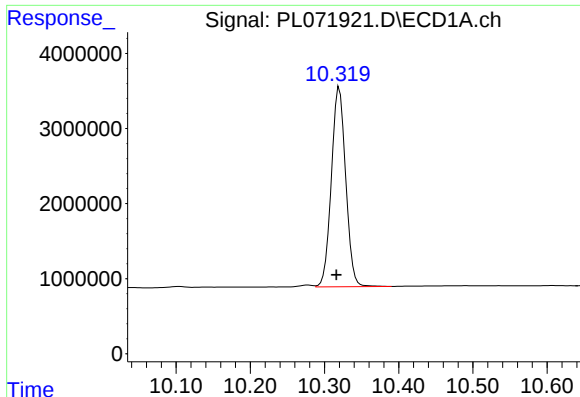
#22 Mirex

R.T.: 9.407 min
Delta R.T.: 0.005 min
Response: 30058810
Conc: 50.11 ng/ml



#22 Mirex

R.T.: 10.457 min
Delta R.T.: 0.004 min
Response: 46417547
Conc: 54.03 ng/ml



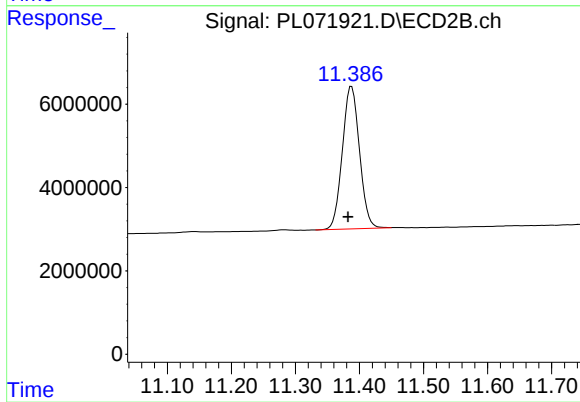
#28 Decachlorobiphenyl

R.T.: 10.320 min
Delta R.T.: 0.004 min
Response: 35777991
Conc: 49.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

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#28 Decachlorobiphenyl

R.T.: 11.388 min
Delta R.T.: 0.006 min
Response: 63470215
Conc: 53.56 ng/ml