

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032822\
 Data File : PL073698.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Mar 2022 11:31
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/29/2022
 Supervised By : mohammad ahmed 03/30/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 29 01:44:15 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031122.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 14 04:12:46 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...	4.637	5.494	17114355	90387502	53.435	55.072
28) SA Decachlor...	10.414	11.334	25920255	87436749	50.974	48.897
Target Compounds						
2) A alpha-BHC	5.346	6.057	22255675	130.3E6	53.992	57.918
3) MA gamma-BHC...	5.770	6.445	22033517	121.1E6	52.821	56.699
4) MA Heptachlor	6.181	7.104	22552632	123.6E6	49.984	52.771
5) MB Aldrin	6.507	7.472	21281324	117.2E6	51.508	55.926
6) B beta-BHC	6.150	6.681	11214602	55193744	54.467	52.950
7) B delta-BHC	6.412	6.949	22265141	121.5E6	55.434	56.439
8) B Heptachlo...	7.084	7.928	22159385	108.8E6	51.416	54.475
9) A Endosulfan I	7.487	8.329	21400972	99074647	52.170	54.276
10) B gamma-Chl...	7.361	8.196	22823863	112.8E6	52.192	55.238
11) B alpha-Chl...	7.431	8.279	22843486	108.3E6	51.690	54.168
12) B 4,4'-DDE	7.645	8.463	19114099	98925647	53.267	55.192
13) MA Dieldrin	7.773	8.614	22017055	99341476	52.846	53.851
14) MA Endrin	8.065	8.848	19972618	77993235	51.475	50.664
15) B Endosulfa...	8.376	9.072	20527878	80908376	52.518	52.680
16) A 4,4'-DDD	8.230	8.991	17766568	79994790	54.710	54.802
17) MA 4,4'-DDT	8.492	9.309	18073474	78145647	47.790	47.809
18) B Endrin al...	8.564	9.203	16219926	63244412	51.289	51.573m
19) B Endosulfa...	8.794	9.442	22178585	82405471	52.503m	52.285
20) A Methoxychlor	9.088	9.789	11597135	39318816	45.207	43.635
21) B Endrin ke...	9.315	9.930	27064819	87438119	55.322	52.974
22) Mirex	9.502	10.406	23822162	67914871	50.518	49.994

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032822\
 Data File : PL073698.D
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 Acq On : 28 Mar 2022 11:31
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

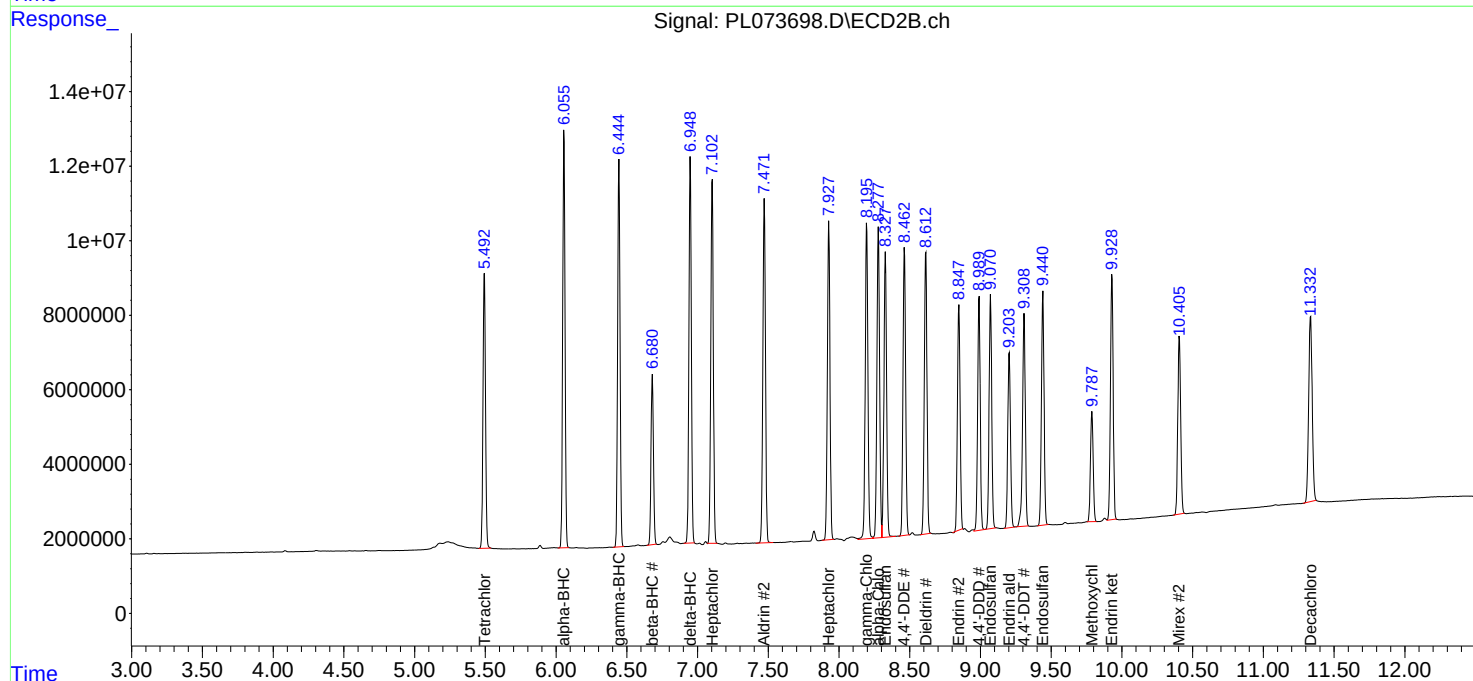
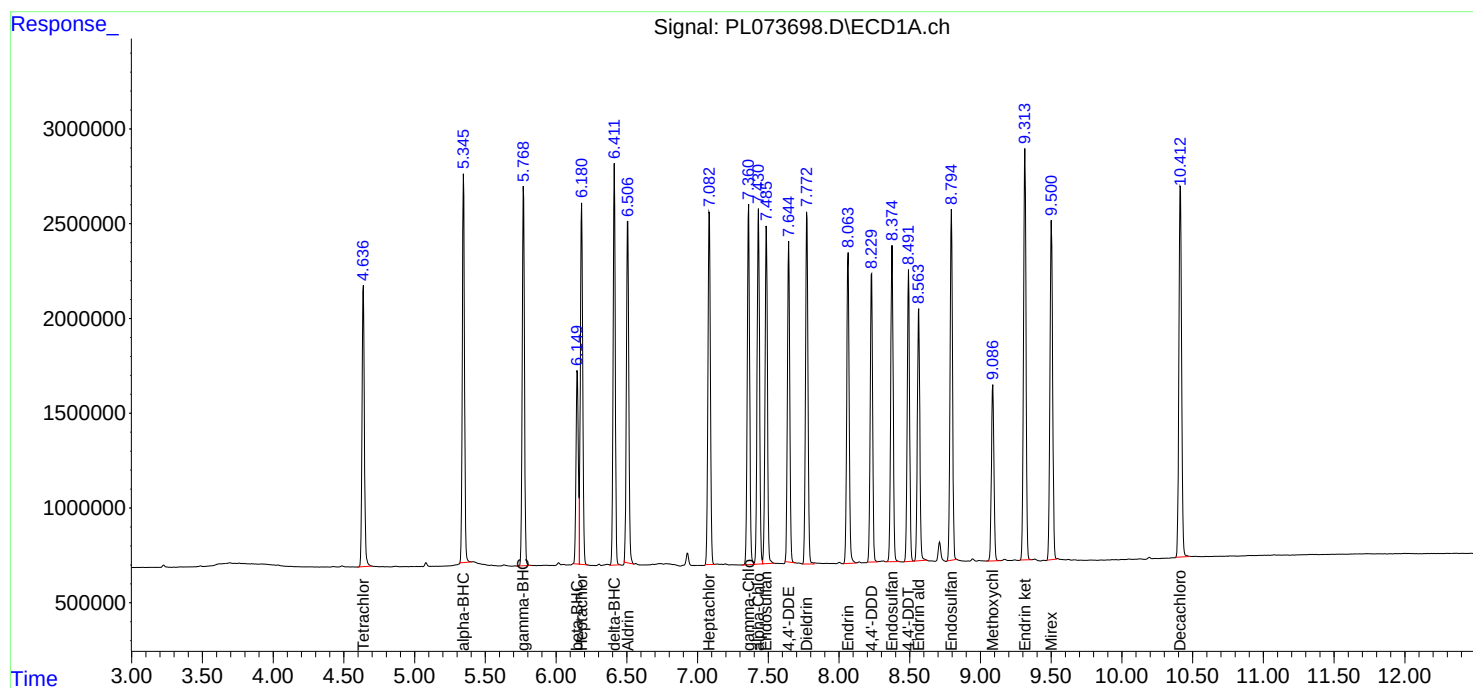
APPROVED

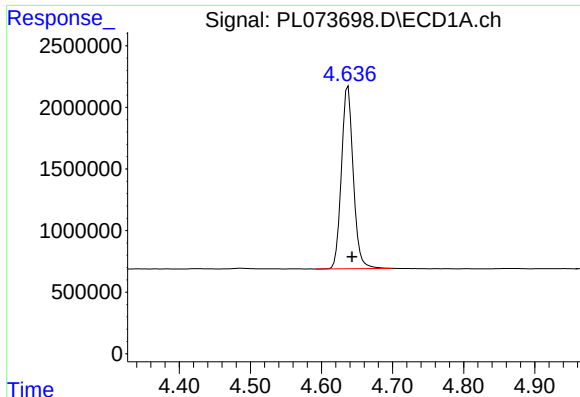
Reviewed By :Abdul Mirza 03/29/2022

Supervised By :mohammad ahmed 03/30/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 29 01:44:15 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031122.M
 Quant Title : GC Extractables
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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





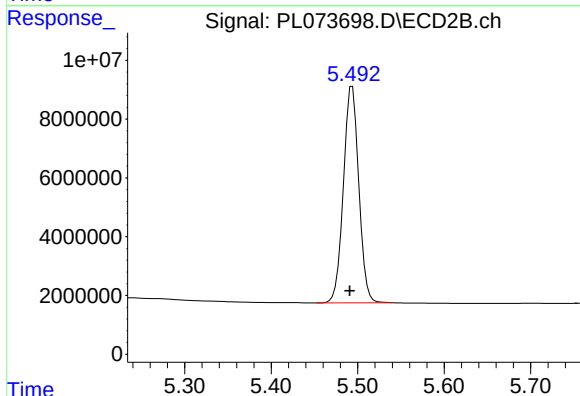
#1 Tetrachloro-m-xylene

R.T.: 4.637 min
Delta R.T.: -0.006 min
Response: 17114355
Conc: 53.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

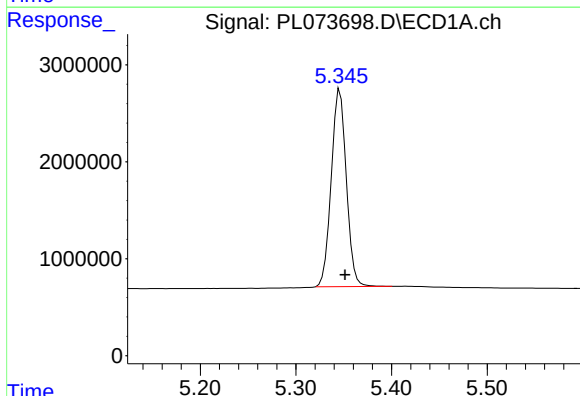
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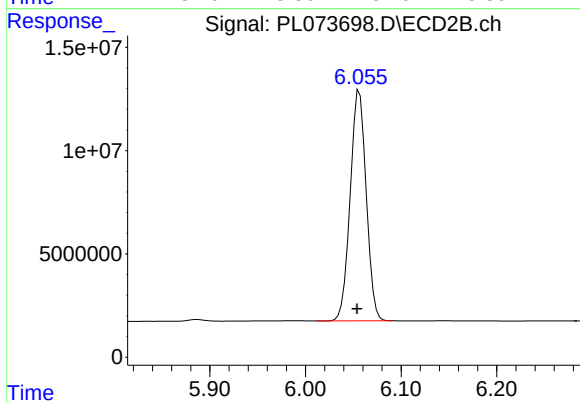
#1 Tetrachloro-m-xylene

R.T.: 5.494 min
Delta R.T.: 0.003 min
Response: 90387502
Conc: 55.07 ng/ml



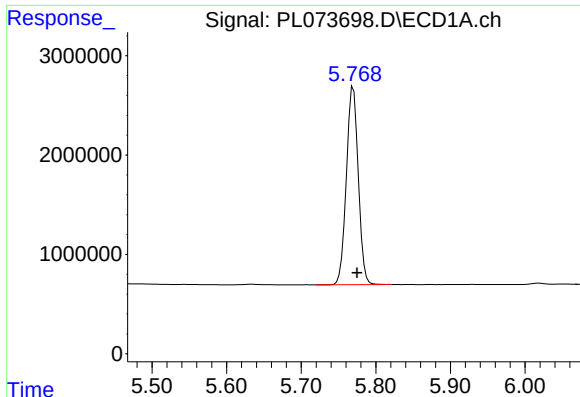
#2 alpha-BHC

R.T.: 5.346 min
Delta R.T.: -0.005 min
Response: 22255675
Conc: 53.99 ng/ml



#2 alpha-BHC

R.T.: 6.057 min
Delta R.T.: 0.003 min
Response: 130296254
Conc: 57.92 ng/ml



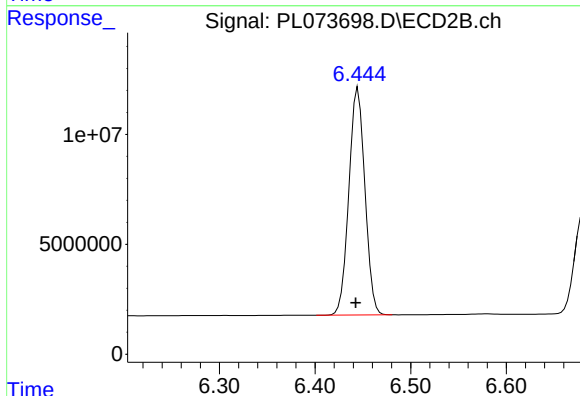
#3 gamma-BHC (Lindane)

R.T.: 5.770 min
Delta R.T.: -0.005 min
Response: 22033517
Conc: 52.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

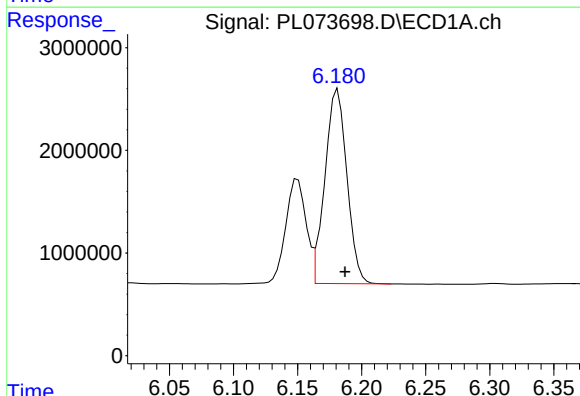
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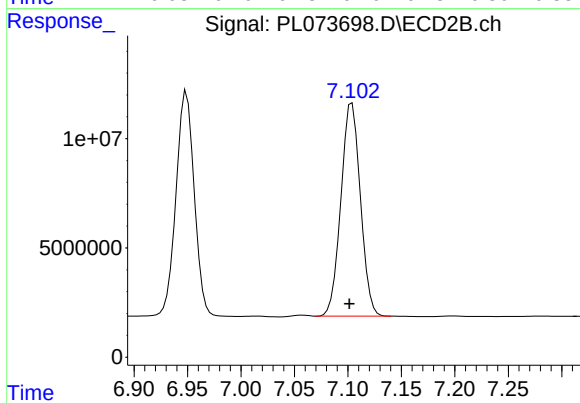
#3 gamma-BHC (Lindane)

R.T.: 6.445 min
Delta R.T.: 0.002 min
Response: 121058051
Conc: 56.70 ng/ml



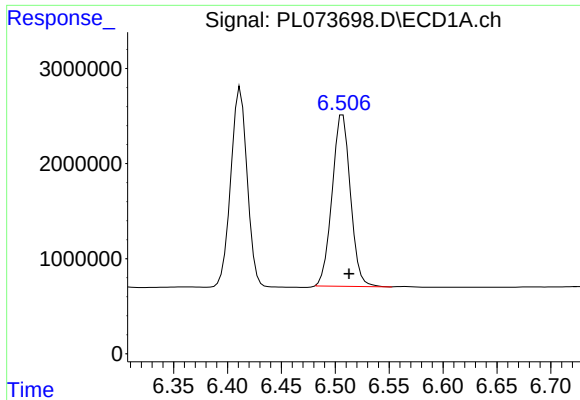
#4 Heptachlor

R.T.: 6.181 min
Delta R.T.: -0.006 min
Response: 22552632
Conc: 49.98 ng/ml



#4 Heptachlor

R.T.: 7.104 min
Delta R.T.: 0.002 min
Response: 123647560
Conc: 52.77 ng/ml



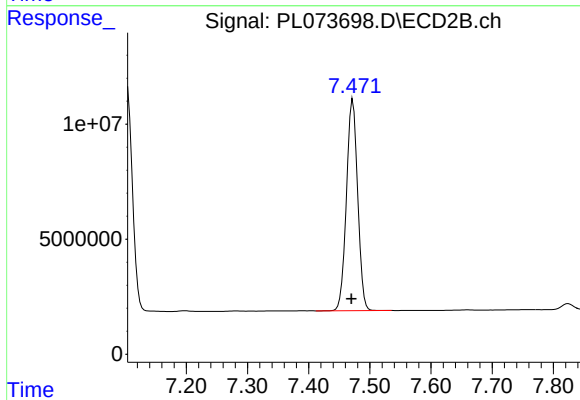
#5 Aldrin

R.T.: 6.507 min
Delta R.T.: -0.006 min
Response: 21281324
Conc: 51.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

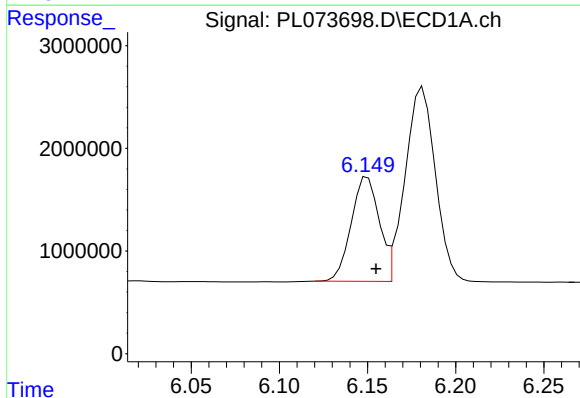
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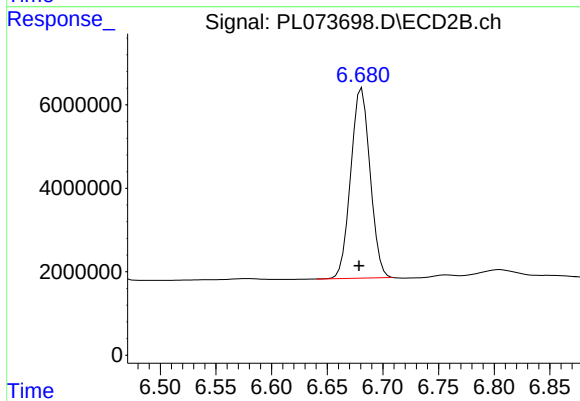
#5 Aldrin

R.T.: 7.472 min
Delta R.T.: 0.003 min
Response: 117163460
Conc: 55.93 ng/ml



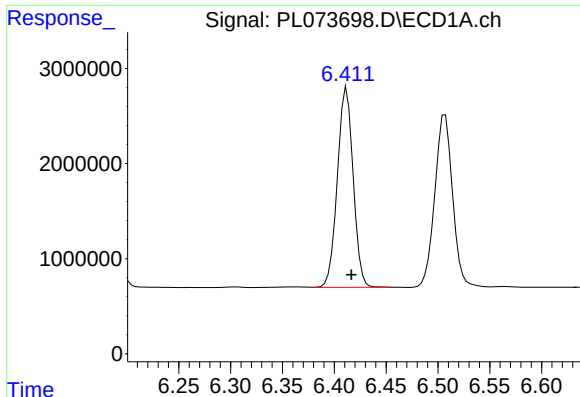
#6 beta-BHC

R.T.: 6.150 min
Delta R.T.: -0.005 min
Response: 11214602
Conc: 54.47 ng/ml



#6 beta-BHC

R.T.: 6.681 min
Delta R.T.: 0.002 min
Response: 55193744
Conc: 52.95 ng/ml



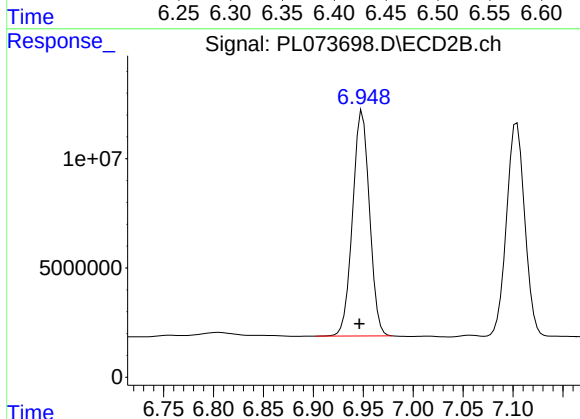
#7 delta-BHC

R.T.: 6.412 min
Delta R.T.: -0.004 min
Response: 22265141
Conc: 55.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

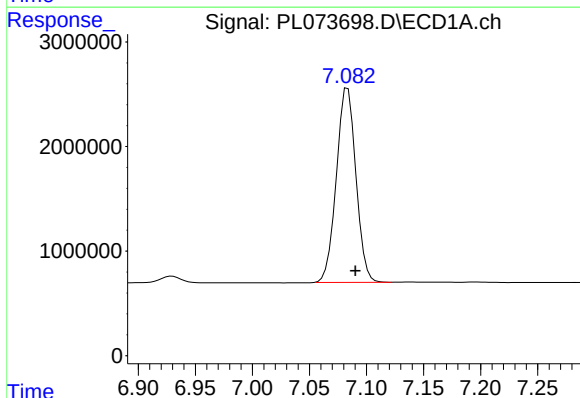
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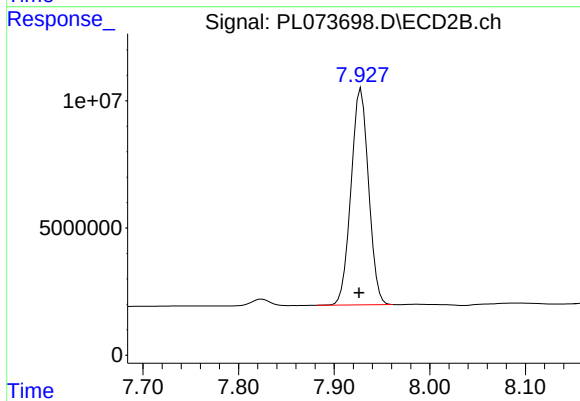
#7 delta-BHC

R.T.: 6.949 min
Delta R.T.: 0.003 min
Response: 121543983
Conc: 56.44 ng/ml



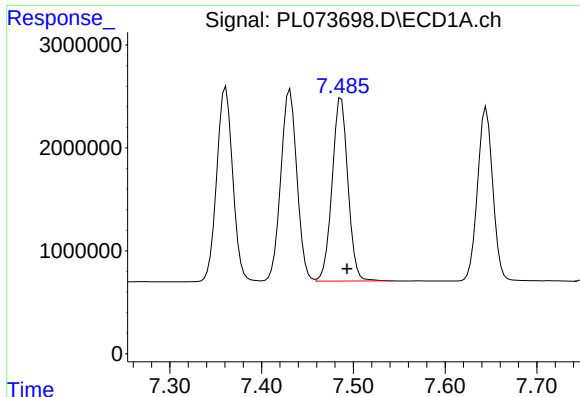
#8 Heptachlor epoxide

R.T.: 7.084 min
Delta R.T.: -0.007 min
Response: 22159385
Conc: 51.42 ng/ml



#8 Heptachlor epoxide

R.T.: 7.928 min
Delta R.T.: 0.002 min
Response: 108803167
Conc: 54.47 ng/ml



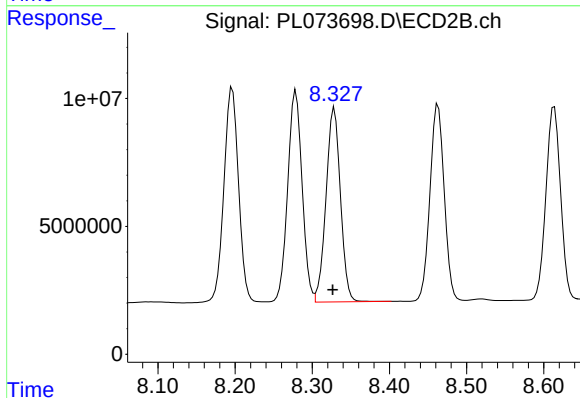
#9 Endosulfan I

R.T.: 7.487 min
Delta R.T.: -0.006 min
Response: 21400972
Conc: 52.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

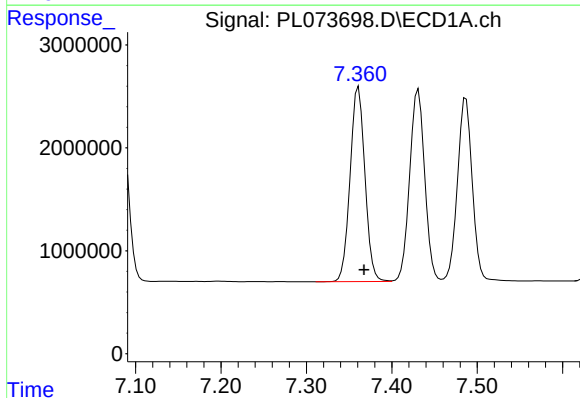
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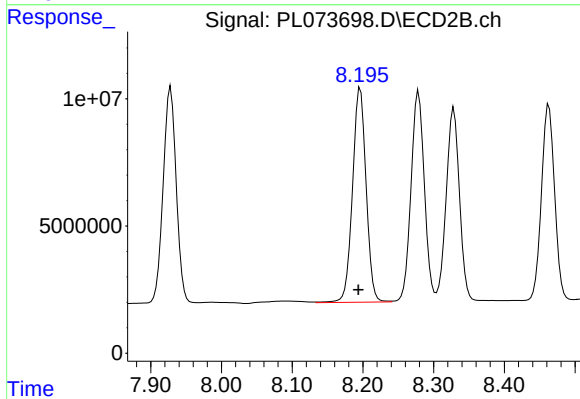
#9 Endosulfan I

R.T.: 8.329 min
Delta R.T.: 0.002 min
Response: 99074647
Conc: 54.28 ng/ml



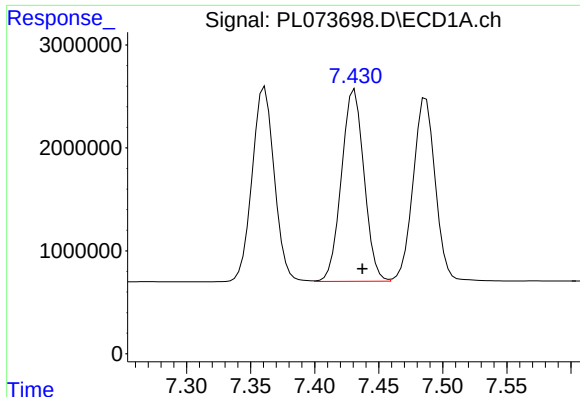
#10 gamma-Chlordane

R.T.: 7.361 min
Delta R.T.: -0.007 min
Response: 22823863
Conc: 52.19 ng/ml



#10 gamma-Chlordane

R.T.: 8.196 min
Delta R.T.: 0.003 min
Response: 112818764
Conc: 55.24 ng/ml



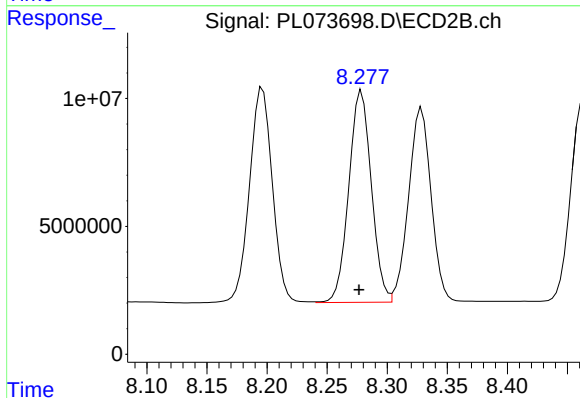
#11 alpha-Chlordane

R.T.: 7.431 min
Delta R.T.: -0.006 min
Response: 22843486
Conc: 51.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

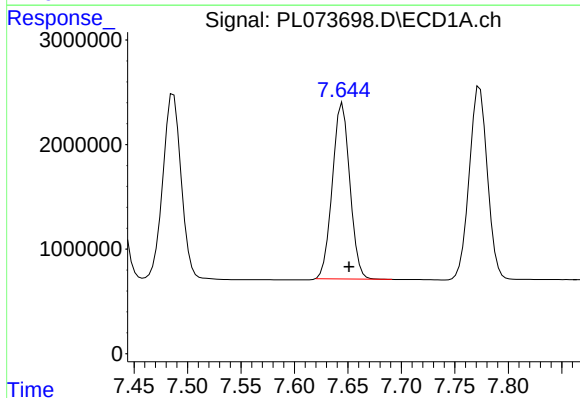
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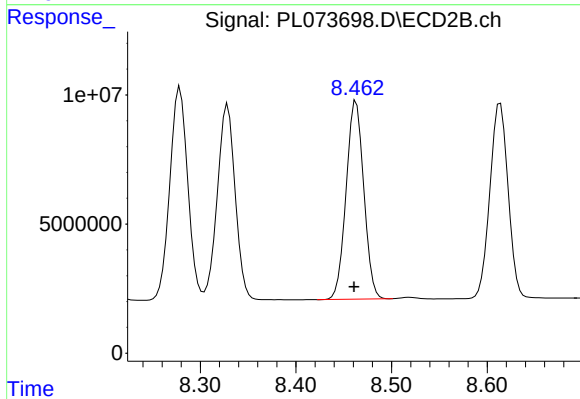
#11 alpha-Chlordane

R.T.: 8.279 min
Delta R.T.: 0.002 min
Response: 108337345
Conc: 54.17 ng/ml



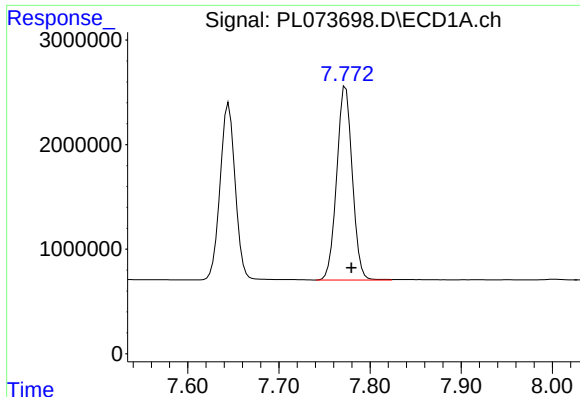
#12 4,4'-DDE

R.T.: 7.645 min
Delta R.T.: -0.006 min
Response: 19114099
Conc: 53.27 ng/ml



#12 4,4'-DDE

R.T.: 8.463 min
Delta R.T.: 0.002 min
Response: 98925647
Conc: 55.19 ng/ml



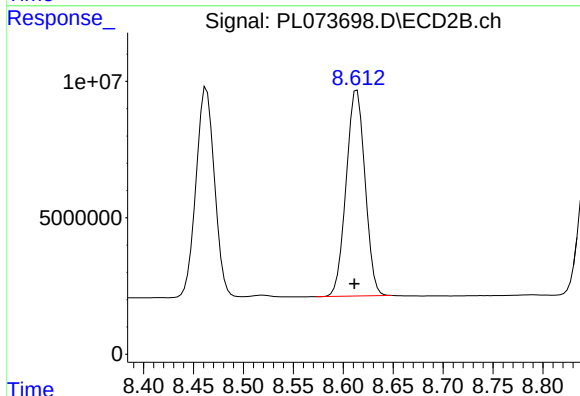
#13 Dieldrin

R.T.: 7.773 min
Delta R.T.: -0.006 min
Response: 22017055
Conc: 52.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

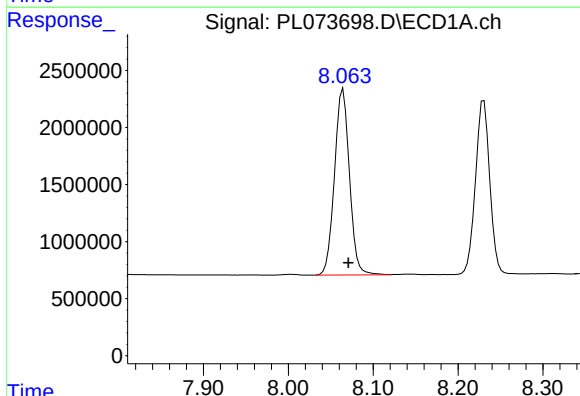
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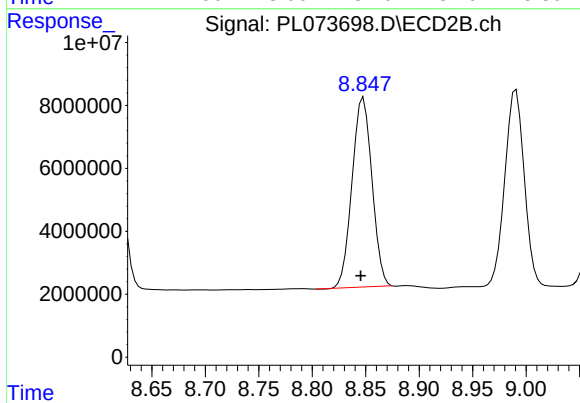
#13 Dieldrin

R.T.: 8.614 min
Delta R.T.: 0.003 min
Response: 99341476
Conc: 53.85 ng/ml



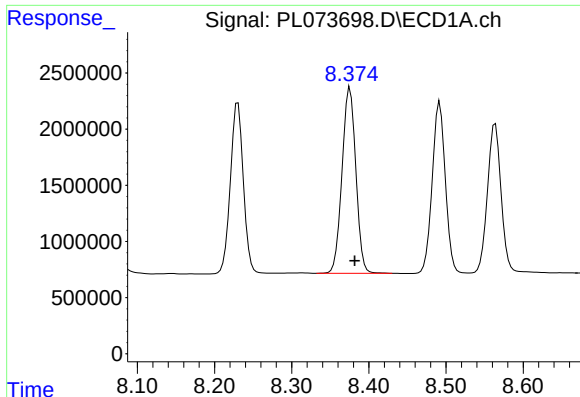
#14 Endrin

R.T.: 8.065 min
Delta R.T.: -0.006 min
Response: 19972618
Conc: 51.48 ng/ml



#14 Endrin

R.T.: 8.848 min
Delta R.T.: 0.002 min
Response: 77993235
Conc: 50.66 ng/ml



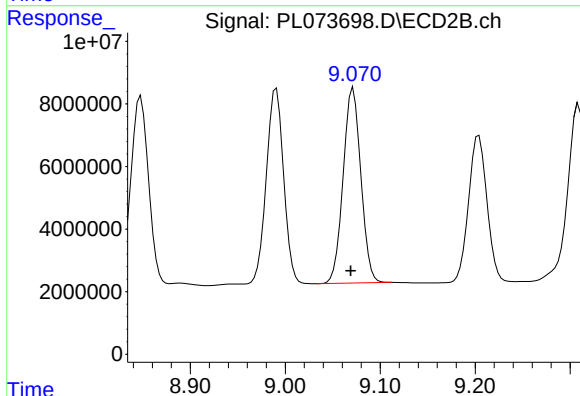
#15 Endosulfan II

R.T.: 8.376 min
Delta R.T.: -0.006 min
Response: 20527878
Conc: 52.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

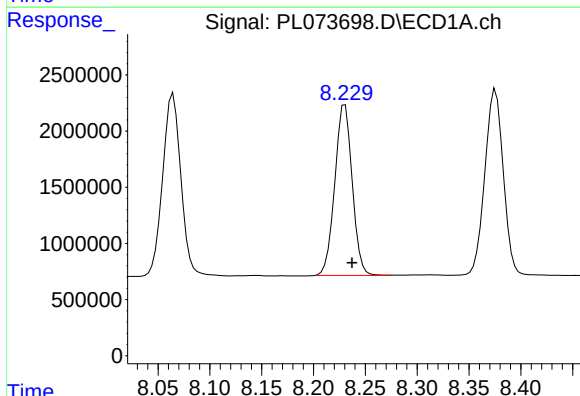
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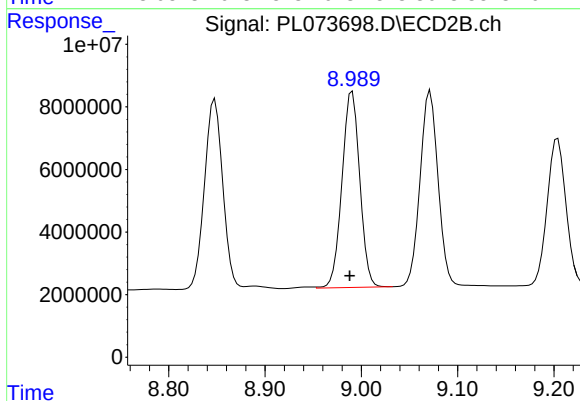
#15 Endosulfan II

R.T.: 9.072 min
Delta R.T.: 0.003 min
Response: 80908376
Conc: 52.68 ng/ml



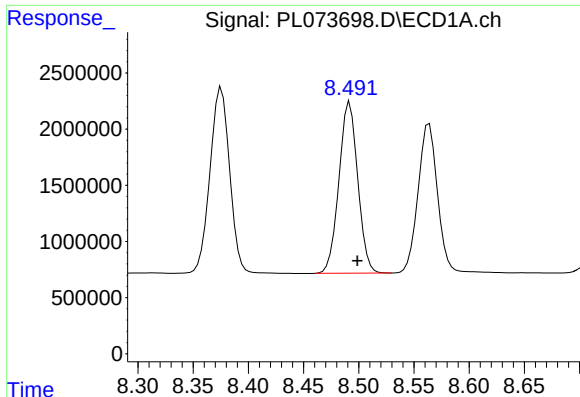
#16 4,4'-DDD

R.T.: 8.230 min
Delta R.T.: -0.007 min
Response: 17766568
Conc: 54.71 ng/ml



#16 4,4'-DDD

R.T.: 8.991 min
Delta R.T.: 0.003 min
Response: 79994790
Conc: 54.80 ng/ml



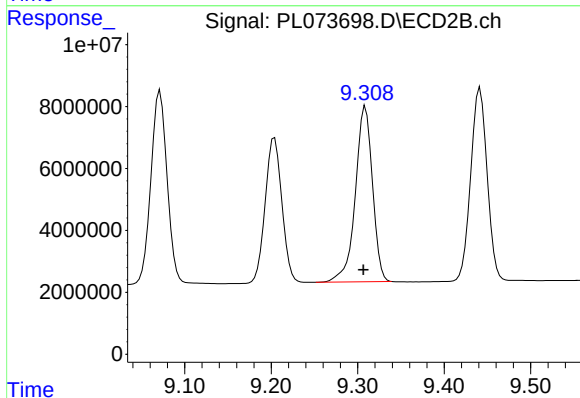
#17 4,4'-DDT

R.T.: 8.492 min
Delta R.T.: -0.007 min
Response: 18073474
Conc: 47.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

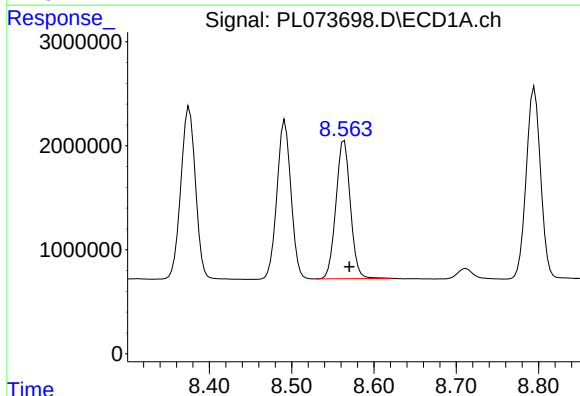
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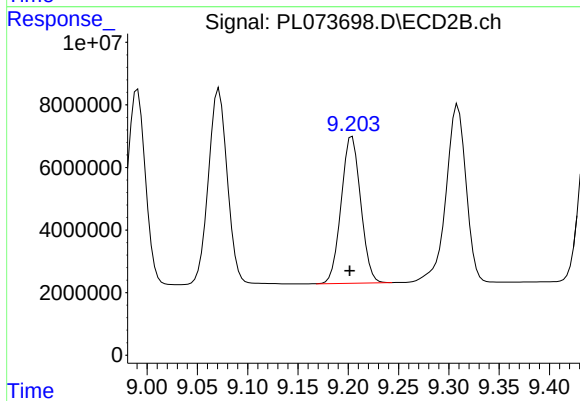
#17 4,4'-DDT

R.T.: 9.309 min
Delta R.T.: 0.002 min
Response: 78145647
Conc: 47.81 ng/ml



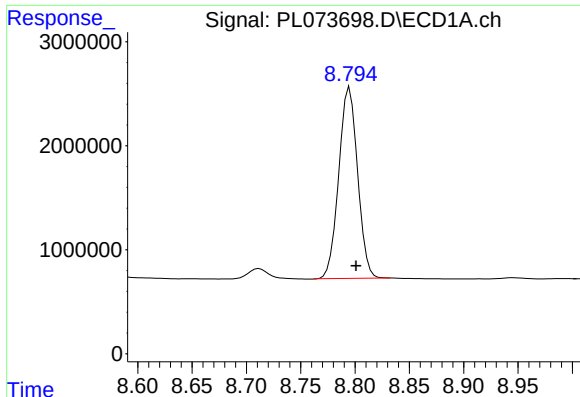
#18 Endrin aldehyde

R.T.: 8.564 min
Delta R.T.: -0.006 min
Response: 16219926
Conc: 51.29 ng/ml



#18 Endrin aldehyde

R.T.: 9.203 min
Delta R.T.: 0.000 min
Response: 63244412
Conc: 51.57 ng/ml m



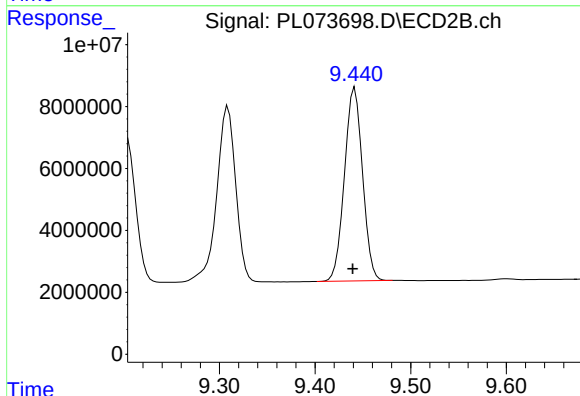
#19 Endosulfan Sulfate

R.T.: 8.794 min
Delta R.T.: -0.007 min
Response: 22178585
Conc: 52.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

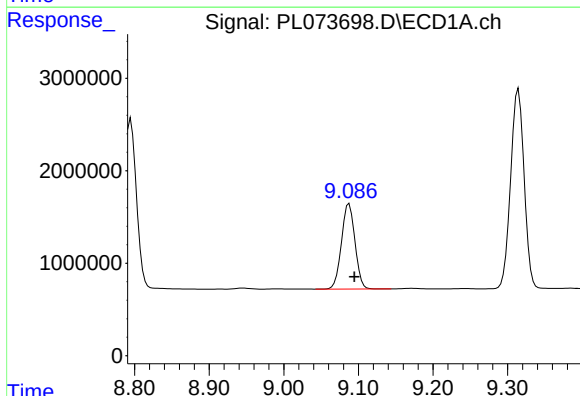
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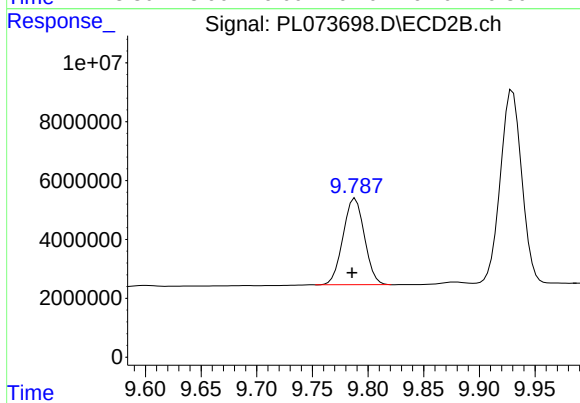
#19 Endosulfan Sulfate

R.T.: 9.442 min
Delta R.T.: 0.002 min
Response: 82405471
Conc: 52.29 ng/ml



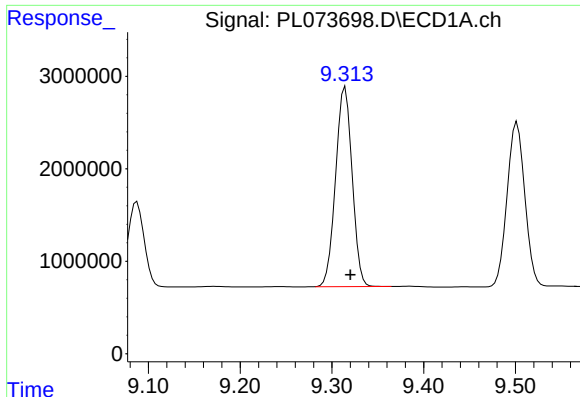
#20 Methoxychlor

R.T.: 9.088 min
Delta R.T.: -0.007 min
Response: 11597135
Conc: 45.21 ng/ml



#20 Methoxychlor

R.T.: 9.789 min
Delta R.T.: 0.003 min
Response: 39318816
Conc: 43.64 ng/ml



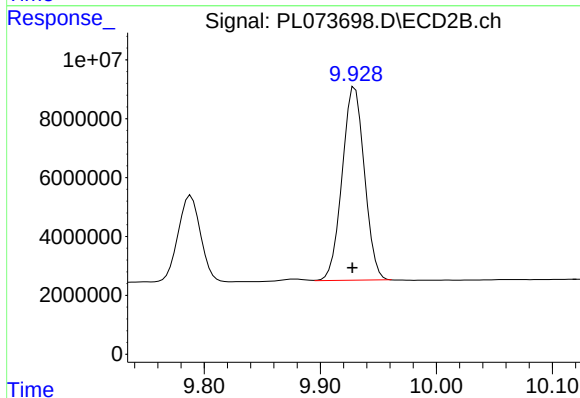
#21 Endrin ketone

R.T.: 9.315 min
Delta R.T.: -0.005 min
Response: 27064819
Conc: 55.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

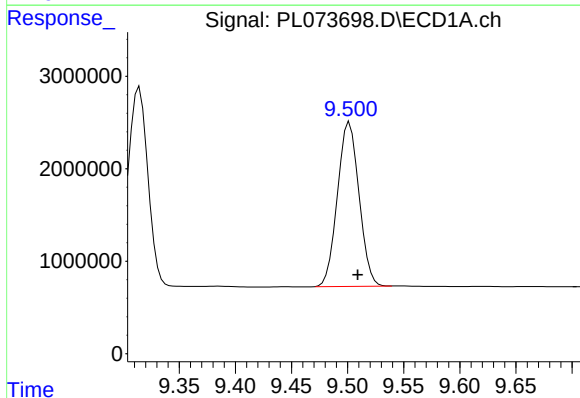
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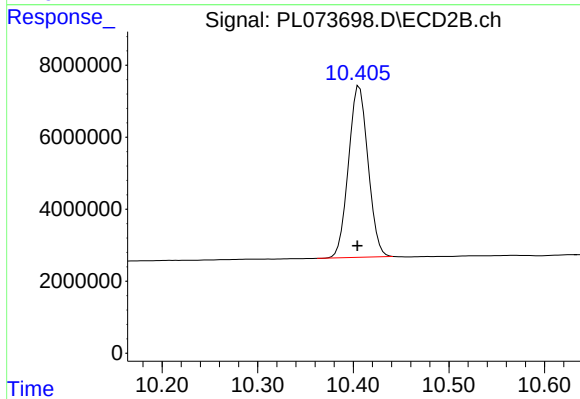
#21 Endrin ketone

R.T.: 9.930 min
Delta R.T.: 0.002 min
Response: 87438119
Conc: 52.97 ng/ml



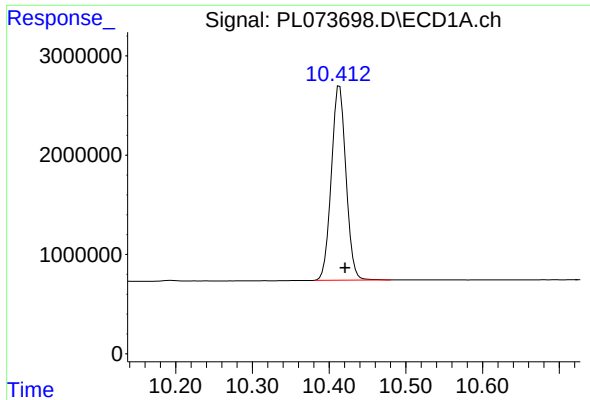
#22 Mirex

R.T.: 9.502 min
Delta R.T.: -0.007 min
Response: 23822162
Conc: 50.52 ng/ml



#22 Mirex

R.T.: 10.406 min
Delta R.T.: 0.002 min
Response: 67914871
Conc: 49.99 ng/ml



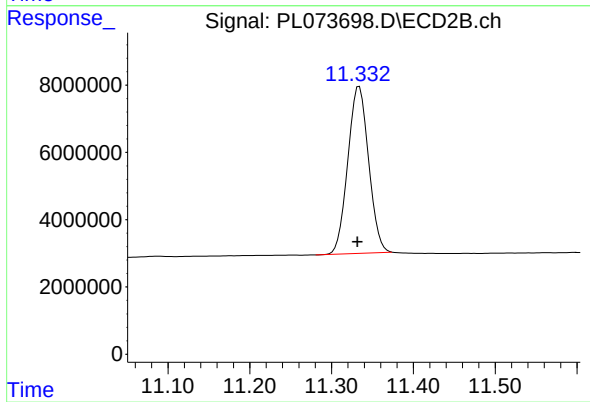
#28 Decachlorobiphenyl

R.T.: 10.414 min
Delta R.T.: -0.007 min
Response: 25920255
Conc: 50.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/29/2022
Supervised By :mohammad ahmed 03/30/2022



#28 Decachlorobiphenyl

R.T.: 11.334 min
Delta R.T.: 0.002 min
Response: 87436749
Conc: 48.90 ng/ml