

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040422\
 Data File : PL073798.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Apr 2022 12:57
 Operator : AR\AJ
 Sample : N2091-01MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MHBMS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/05/2022
 Supervised By :mohammad ahmed 04/05/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 05 01:18:14 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...	4.640	5.491	5640788	31028789	17.612	18.906
28) SA Decachlor...	10.414	11.333	7742112	24656790	15.225	13.789
Target Compounds						
2) A alpha-BHC	5.349	6.054	19755412	125.0E6	47.926	55.563
3) MA gamma-BHC...	5.773	6.444	19484375	115.8E6	46.710	54.242
4) MA Heptachlor	6.184	7.103	20443607	121.3E6	45.309	51.749
5) MB Aldrin	6.509	7.471	19628064	115.7E6	47.506	55.208
6) B beta-BHC	6.153	6.680	9455453	50497497	45.923	48.445
7) B delta-BHC	6.414	6.948	19365012	114.7E6	48.214	53.241
8) B Heptachlo...	7.086	7.928	19723402	102.7E6	45.764	51.408
9) A Endosulfan I	7.489	8.328	18653342	90711345	45.472	49.694
10) B gamma-Chl...	7.363	8.195	20258707	103.5E6	46.327	50.666
11) B alpha-Chl...	7.433	8.278	20405958	100.9E6	46.174	50.437
12) B 4,4'-DDE	7.647	8.462	16791431	92541018	46.794	51.630
13) MA Dieldrin	7.776	8.613	19940623	96578294	47.862	52.353
14) MA Endrin	8.066	8.847	19350138	79886983	49.871	51.894
15) B Endosulfa...	8.377	9.070	19280167	79690980	49.325	51.888
16) A 4,4'-DDD	8.232	8.989	14710183	71677593	45.299	49.104
17) MA 4,4'-DDT	8.494	9.308	16624054	77238631	43.958	47.254
18) B Endrin al...	8.566	9.202	15422426	62823329	48.767	51.230m
19) B Endosulfa...	8.797	9.441	19261076	76429499	45.597	48.494
20) A Methoxychlor	9.090	9.787	10935054	41358634	42.626	45.899
21) B Endrin ke...	9.316	9.929	22519235	78676590	46.031	47.666
22) Mirex	9.504	10.406	21124349	64323460	44.797	47.350

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040422\
 Data File : PL073798.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Apr 2022 12:57
 Operator : AR\AJ
 Sample : N2091-01MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

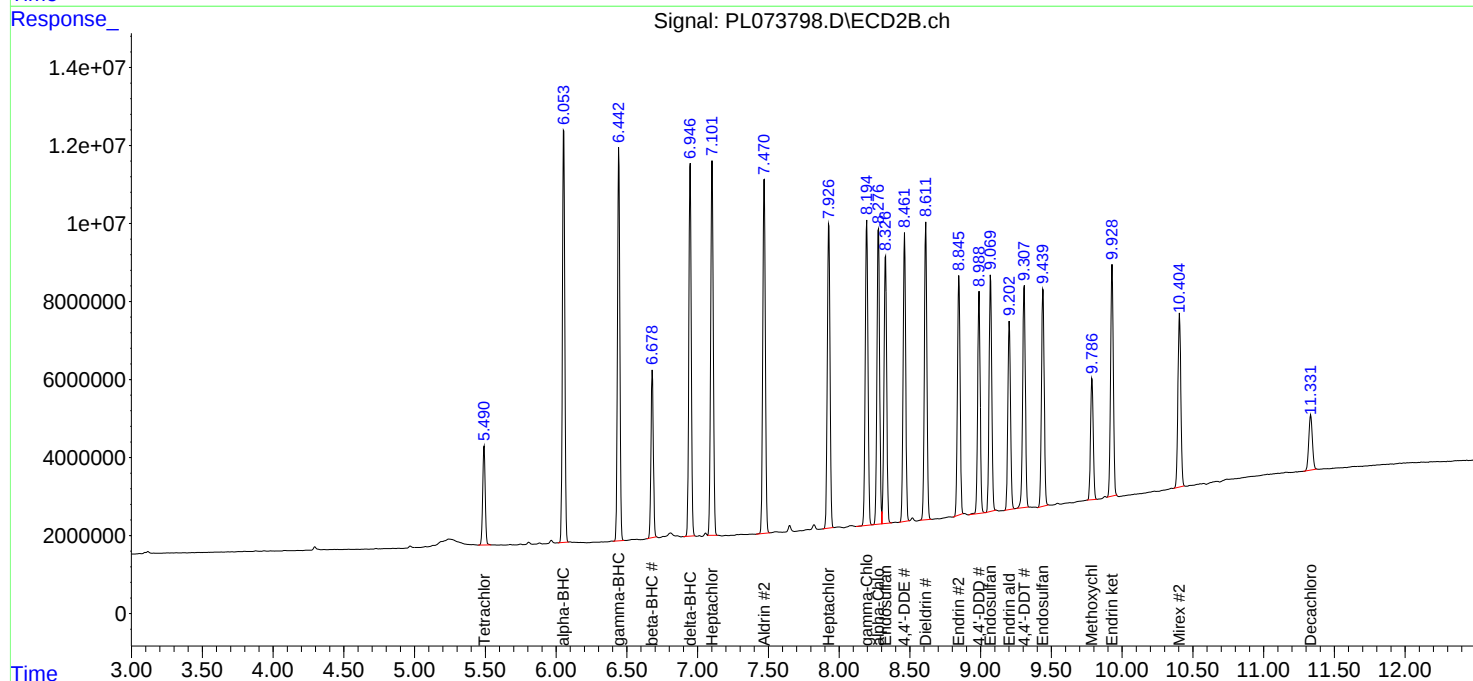
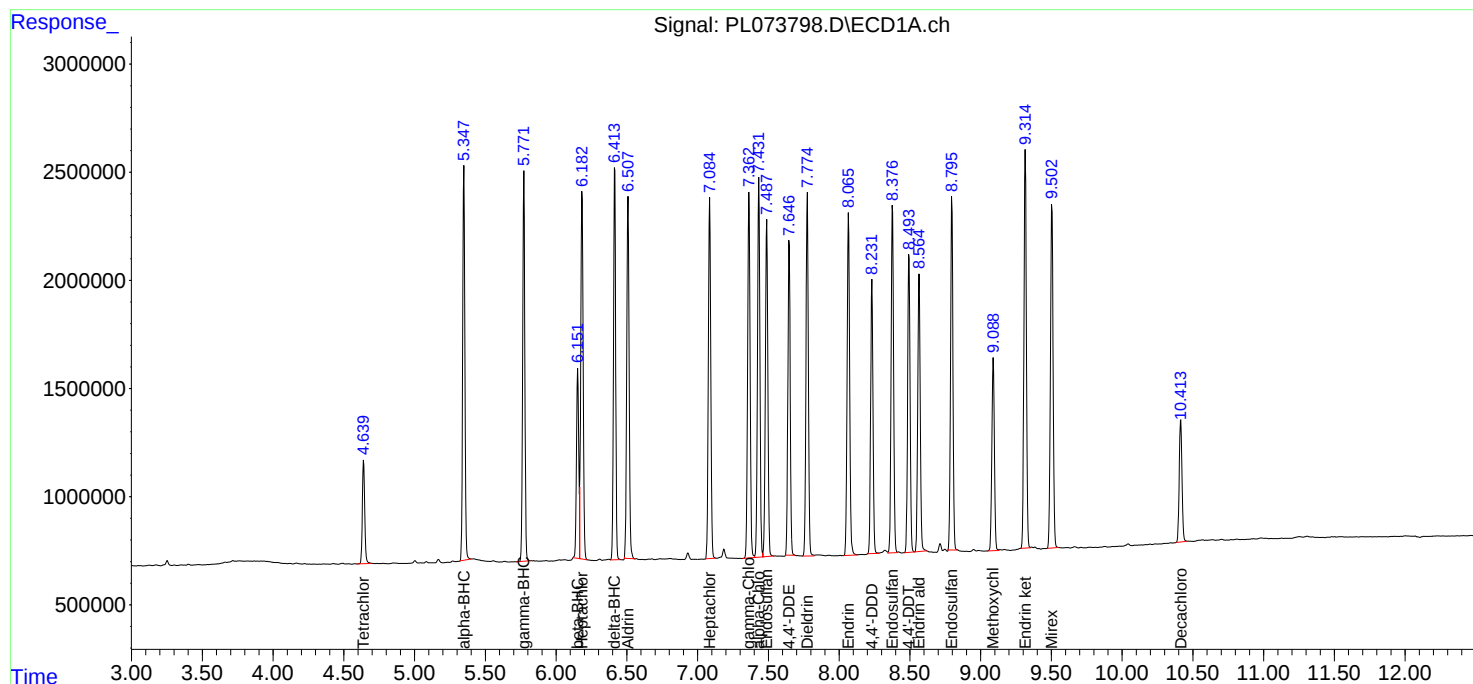
Instrument :
 ECD_L
 ClientSampleId :
 MHBMS

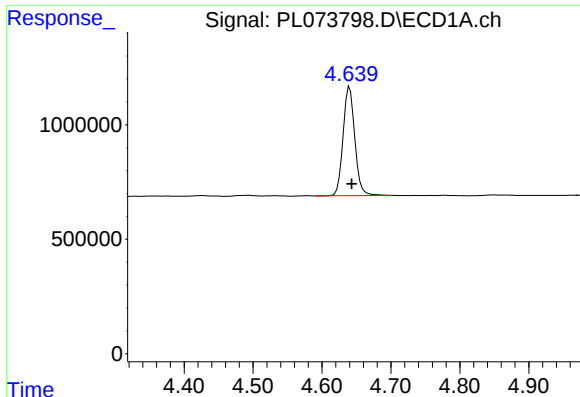
Manual Integrations APPROVED

Reviewed By : Abdul Mirza 04/05/2022
 Supervised By : mohammad ahmed 04/05/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 05 01:18:14 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
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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





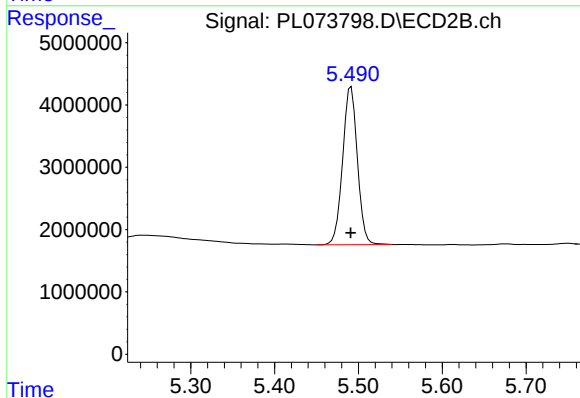
#1 Tetrachloro-m-xylene

R.T.: 4.640 min
Delta R.T.: -0.003 min
Response: 5640788
Conc: 17.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHBMS

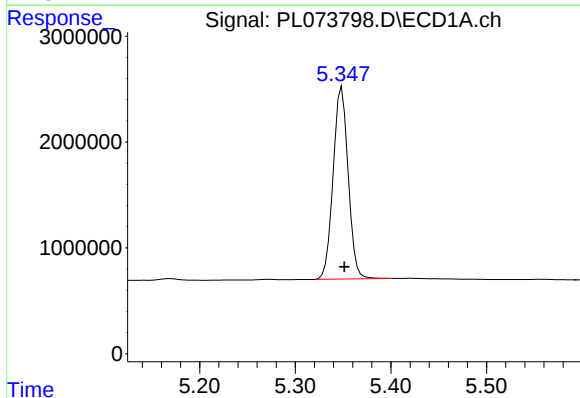
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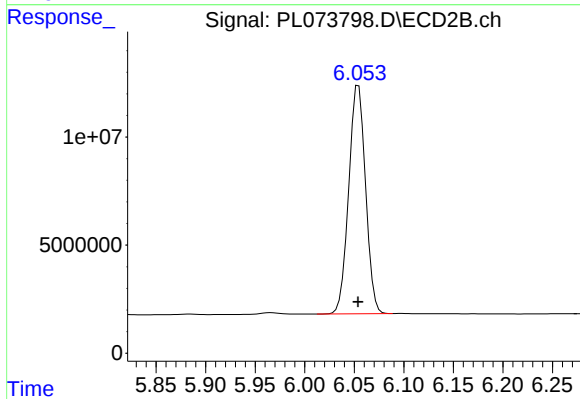
#1 Tetrachloro-m-xylene

R.T.: 5.491 min
Delta R.T.: 0.000 min
Response: 31028789
Conc: 18.91 ng/ml



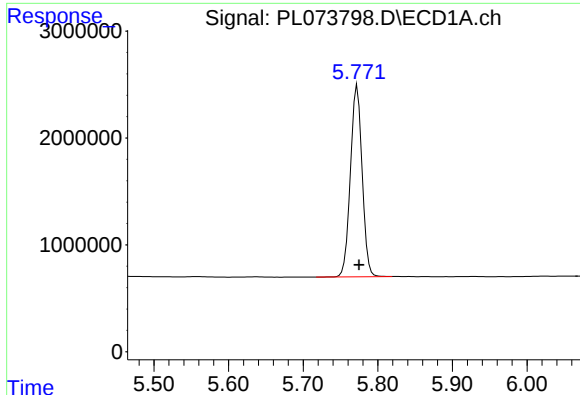
#2 alpha-BHC

R.T.: 5.349 min
Delta R.T.: -0.003 min
Response: 19755412
Conc: 47.93 ng/ml



#2 alpha-BHC

R.T.: 6.054 min
Delta R.T.: 0.000 min
Response: 124997836
Conc: 55.56 ng/ml



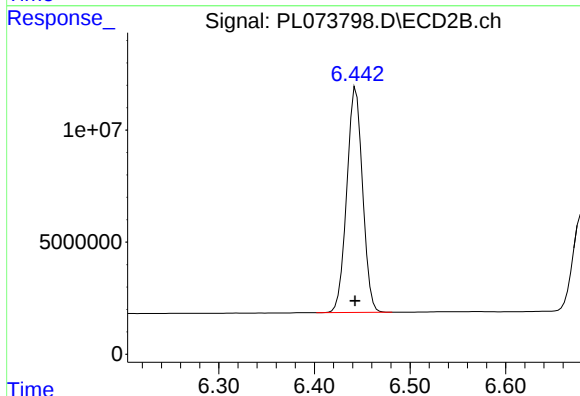
#3 gamma-BHC (Lindane)

R.T.: 5.773 min
Delta R.T.: -0.002 min
Response: 19484375
Conc: 46.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHBMS

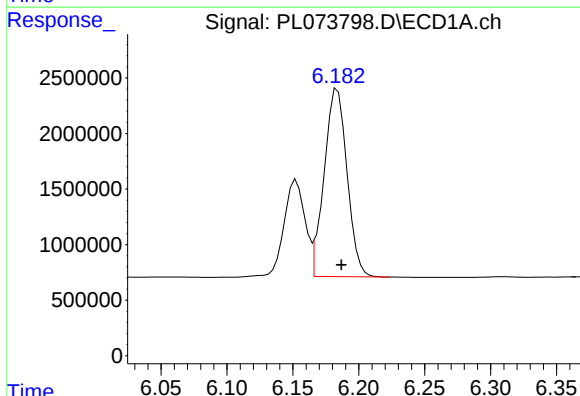
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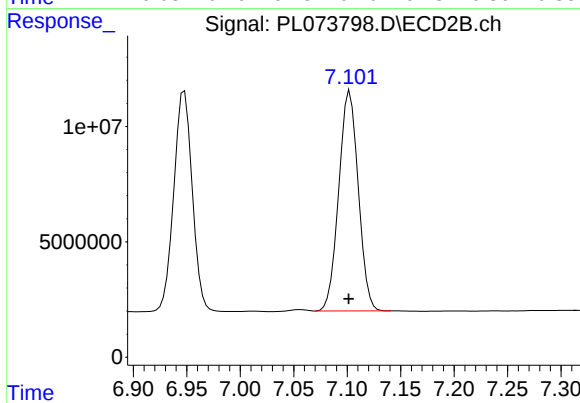
#3 gamma-BHC (Lindane)

R.T.: 6.444 min
Delta R.T.: 0.000 min
Response: 115812144
Conc: 54.24 ng/ml



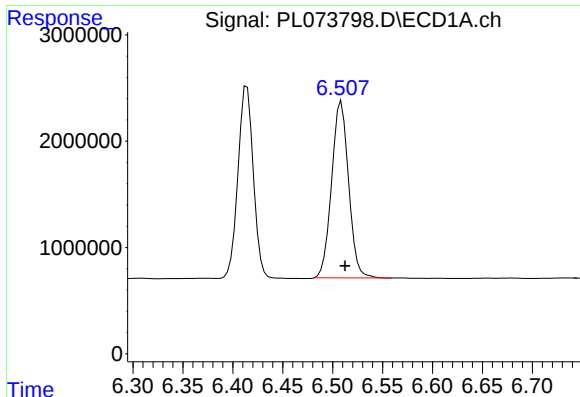
#4 Heptachlor

R.T.: 6.184 min
Delta R.T.: -0.003 min
Response: 20443607
Conc: 45.31 ng/ml



#4 Heptachlor

R.T.: 7.103 min
Delta R.T.: 0.001 min
Response: 121253196
Conc: 51.75 ng/ml



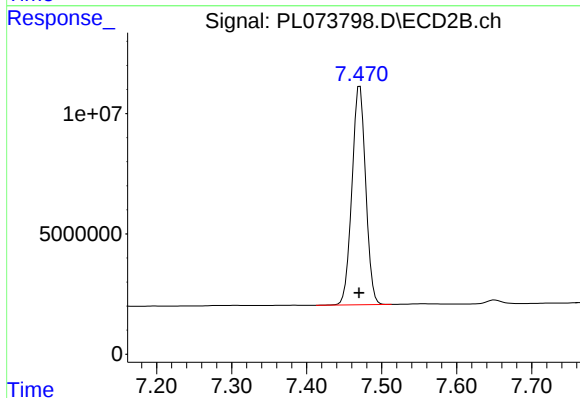
#5 Aldrin

R.T.: 6.509 min
Delta R.T.: -0.004 min
Response: 19628064
Conc: 47.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHBMS

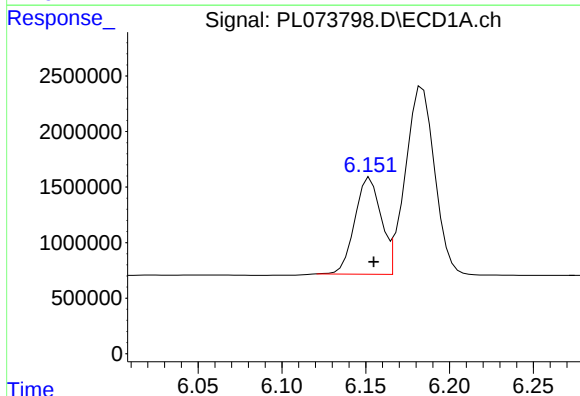
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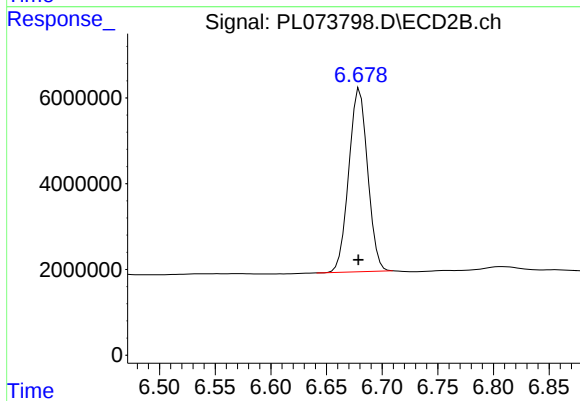
#5 Aldrin

R.T.: 7.471 min
Delta R.T.: 0.001 min
Response: 115658811
Conc: 55.21 ng/ml



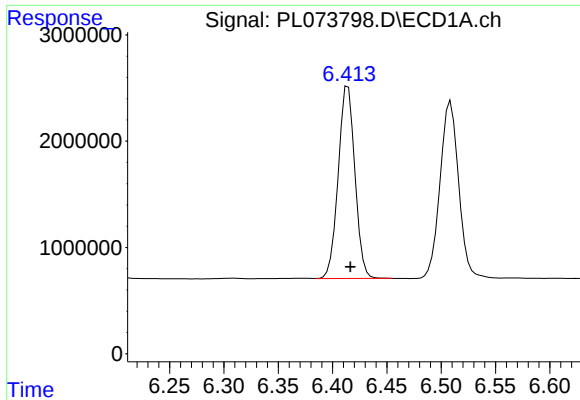
#6 beta-BHC

R.T.: 6.153 min
Delta R.T.: -0.002 min
Response: 9455453
Conc: 45.92 ng/ml



#6 beta-BHC

R.T.: 6.680 min
Delta R.T.: 0.001 min
Response: 50497497
Conc: 48.44 ng/ml



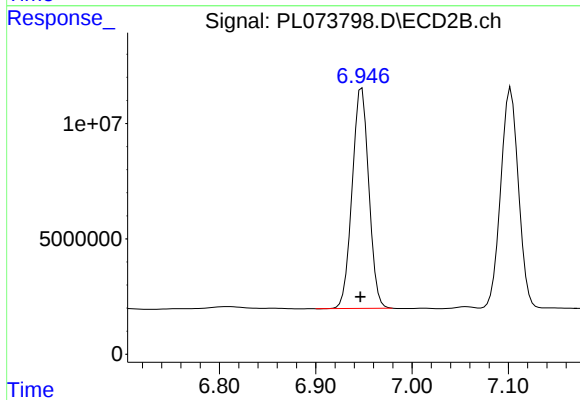
#7 delta-BHC

R.T.: 6.414 min
Delta R.T.: -0.002 min
Response: 19365012
Conc: 48.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHBMS

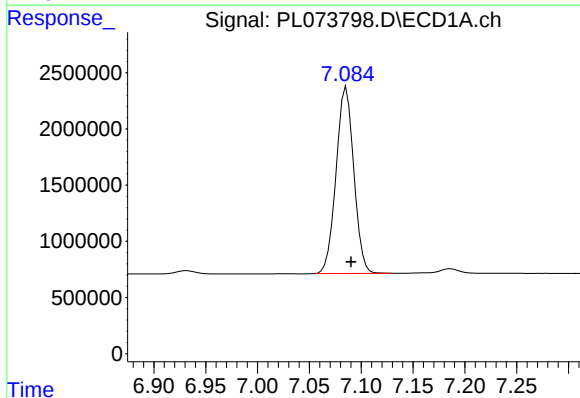
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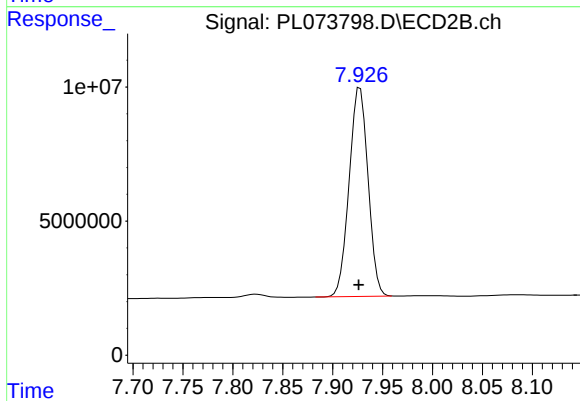
#7 delta-BHC

R.T.: 6.948 min
Delta R.T.: 0.002 min
Response: 114657978
Conc: 53.24 ng/ml



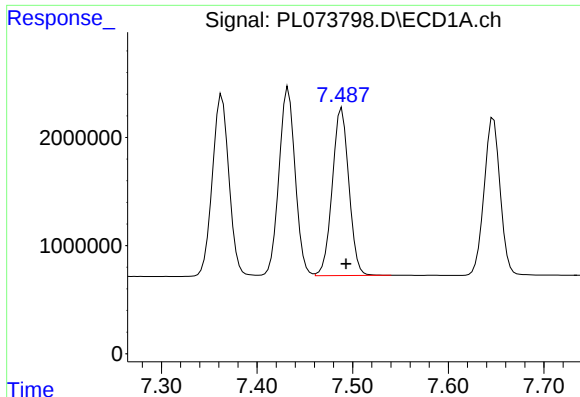
#8 Heptachlor epoxide

R.T.: 7.086 min
Delta R.T.: -0.004 min
Response: 19723402
Conc: 45.76 ng/ml



#8 Heptachlor epoxide

R.T.: 7.928 min
Delta R.T.: 0.001 min
Response: 102677214
Conc: 51.41 ng/ml



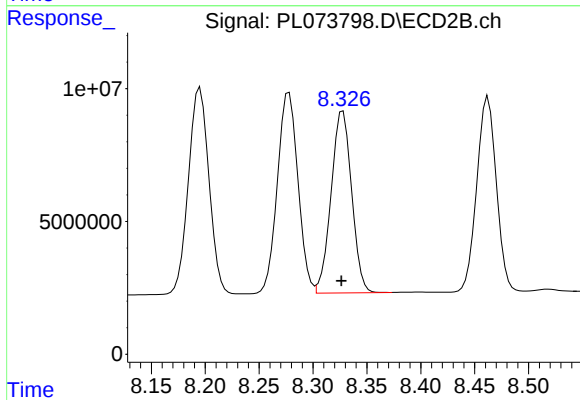
#9 Endosulfan I

R.T.: 7.489 min
Delta R.T.: -0.004 min
Response: 18653342
Conc: 45.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHBMS

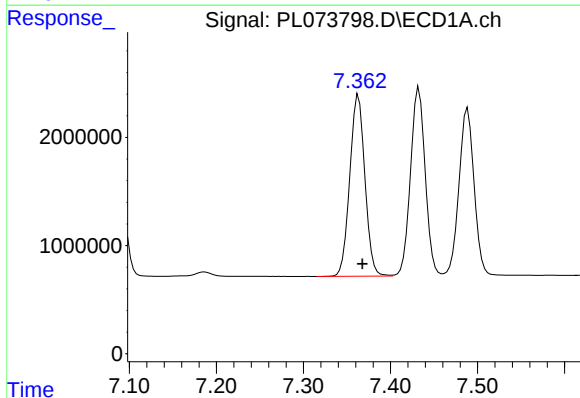
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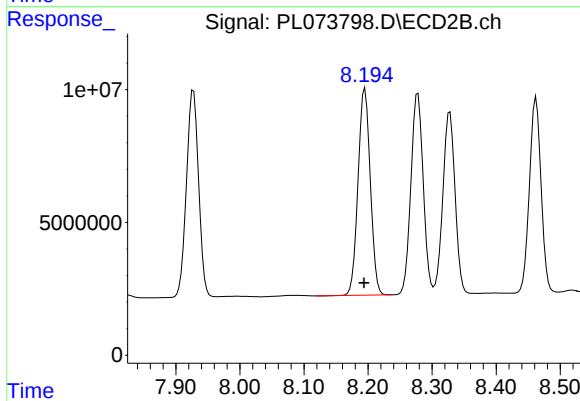
#9 Endosulfan I

R.T.: 8.328 min
Delta R.T.: 0.001 min
Response: 90711345
Conc: 49.69 ng/ml



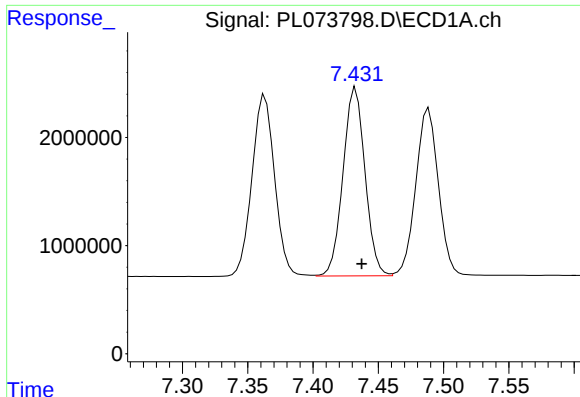
#10 gamma-Chlordane

R.T.: 7.363 min
Delta R.T.: -0.005 min
Response: 20258707
Conc: 46.33 ng/ml



#10 gamma-Chlordane

R.T.: 8.195 min
Delta R.T.: 0.001 min
Response: 103481216
Conc: 50.67 ng/ml



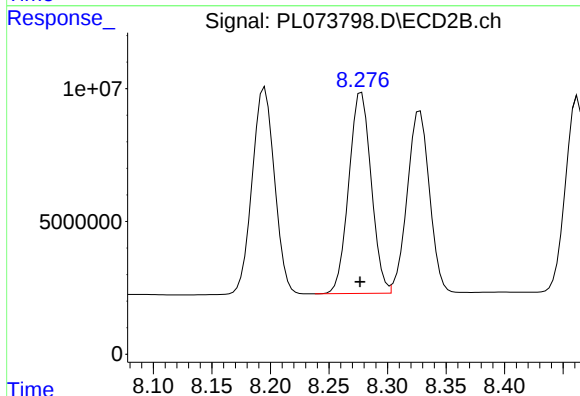
#11 alpha-Chlordane

R.T.: 7.433 min
Delta R.T.: -0.005 min
Response: 20405958
Conc: 46.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHBMS

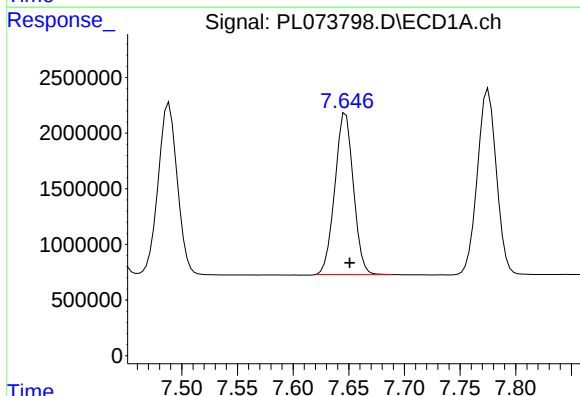
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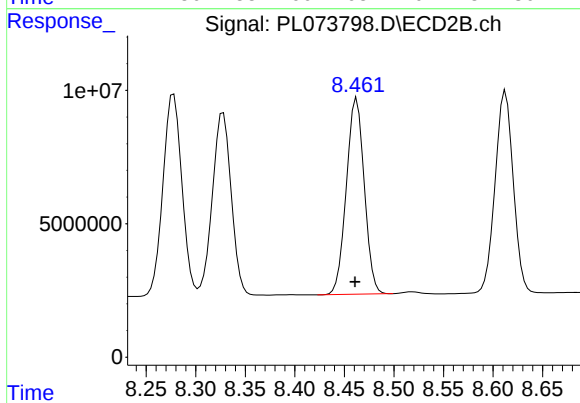
#11 alpha-Chlordane

R.T.: 8.278 min
Delta R.T.: 0.001 min
Response: 100875237
Conc: 50.44 ng/ml



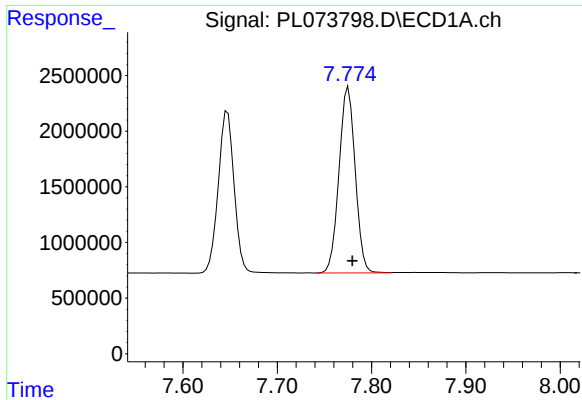
#12 4,4'-DDE

R.T.: 7.647 min
Delta R.T.: -0.004 min
Response: 16791431
Conc: 46.79 ng/ml



#12 4,4'-DDE

R.T.: 8.462 min
Delta R.T.: 0.002 min
Response: 92541018
Conc: 51.63 ng/ml



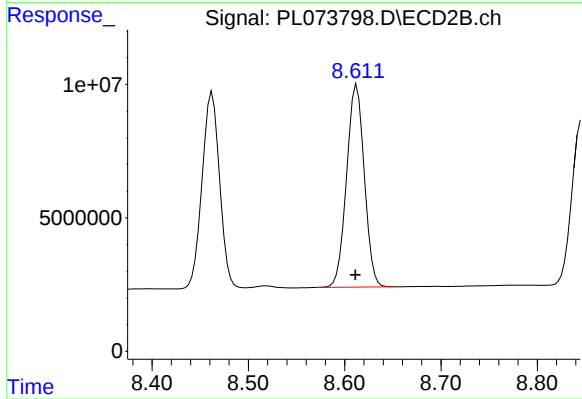
#13 Dieldrin

R.T.: 7.776 min
Delta R.T.: -0.004 min
Response: 19940623
Conc: 47.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHBMS

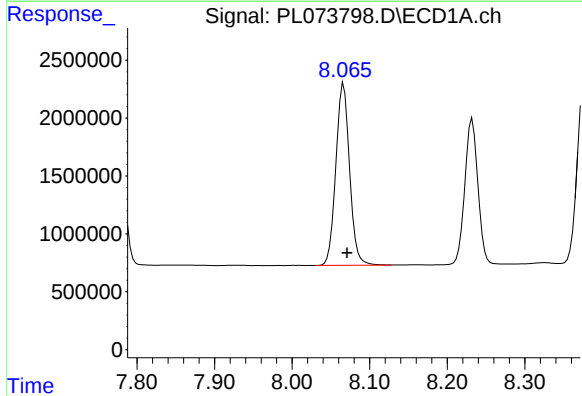
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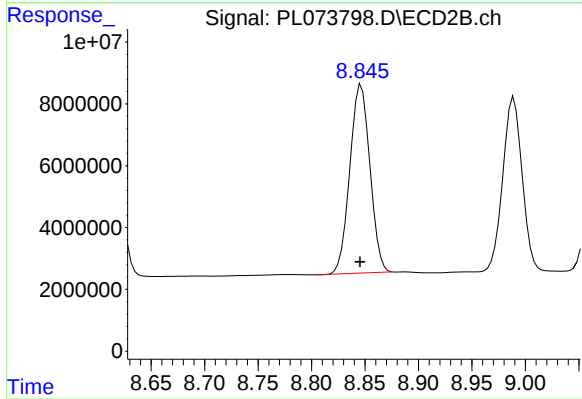
#13 Dieldrin

R.T.: 8.613 min
Delta R.T.: 0.002 min
Response: 96578294
Conc: 52.35 ng/ml



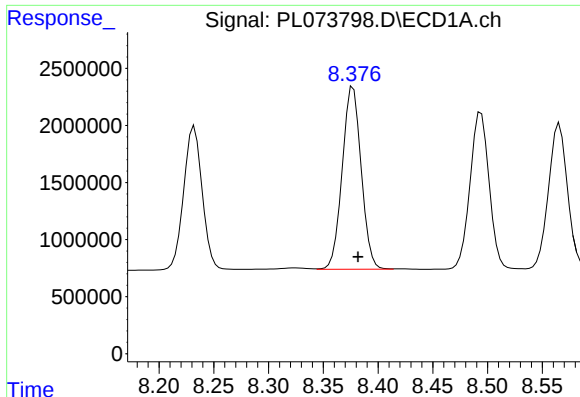
#14 Endrin

R.T.: 8.066 min
Delta R.T.: -0.004 min
Response: 19350138
Conc: 49.87 ng/ml



#14 Endrin

R.T.: 8.847 min
Delta R.T.: 0.001 min
Response: 79886983
Conc: 51.89 ng/ml



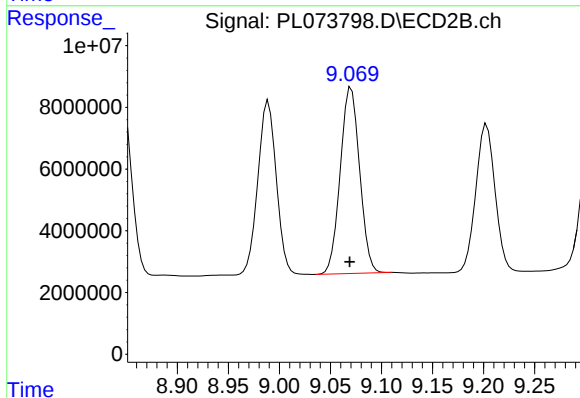
#15 Endosulfan II

R.T.: 8.377 min
Delta R.T.: -0.004 min
Response: 19280167
Conc: 49.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHBMS

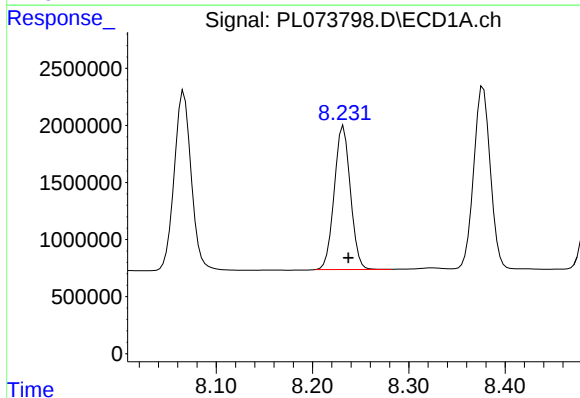
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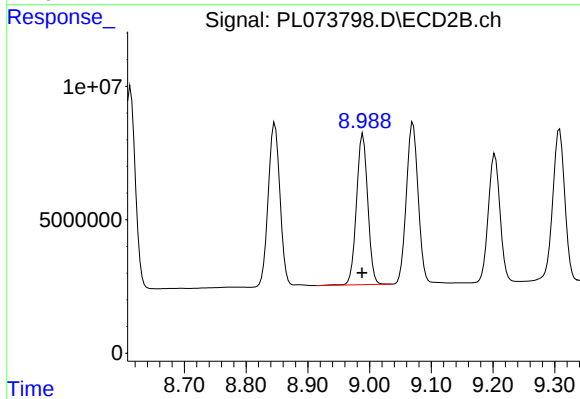
#15 Endosulfan II

R.T.: 9.070 min
Delta R.T.: 0.001 min
Response: 79690980
Conc: 51.89 ng/ml



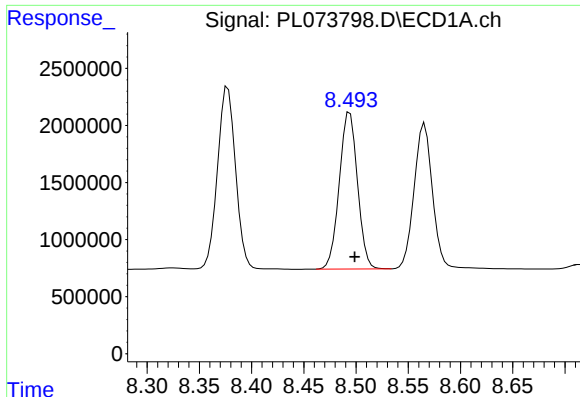
#16 4,4'-DDD

R.T.: 8.232 min
Delta R.T.: -0.005 min
Response: 14710183
Conc: 45.30 ng/ml



#16 4,4'-DDD

R.T.: 8.989 min
Delta R.T.: 0.001 min
Response: 71677593
Conc: 49.10 ng/ml



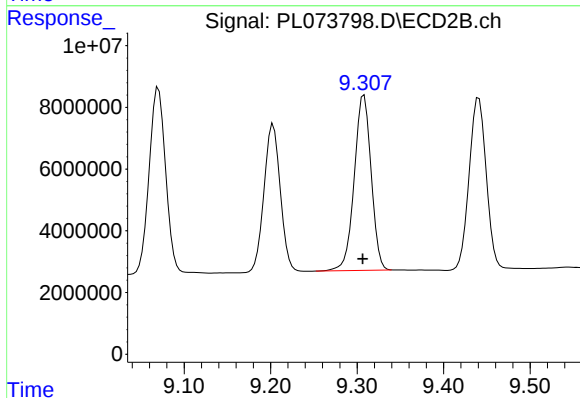
#17 4,4'-DDT

R.T.: 8.494 min
Delta R.T.: -0.005 min
Response: 16624054
Conc: 43.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHBMS

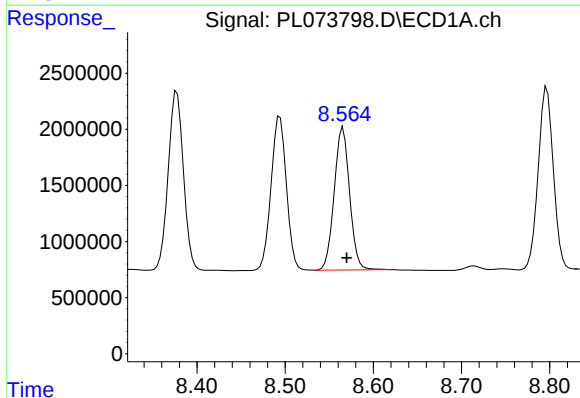
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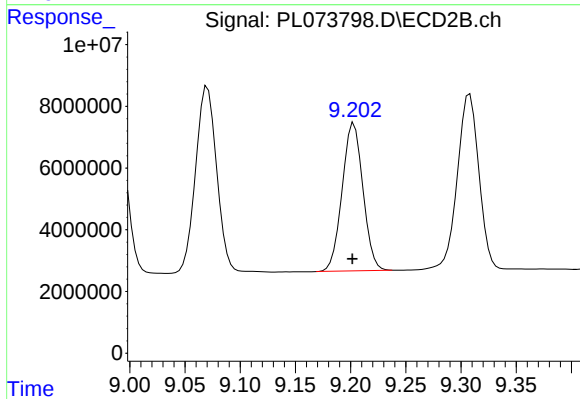
#17 4,4'-DDT

R.T.: 9.308 min
Delta R.T.: 0.001 min
Response: 77238631
Conc: 47.25 ng/ml



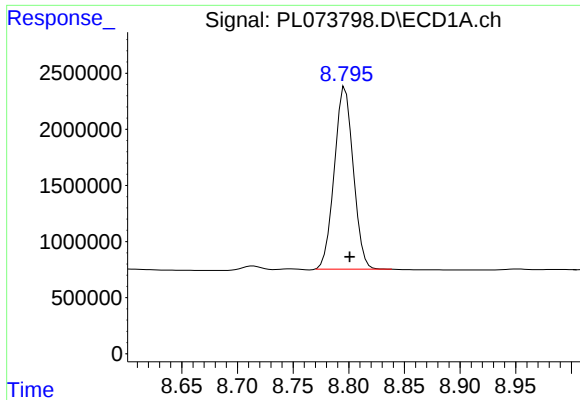
#18 Endrin aldehyde

R.T.: 8.566 min
Delta R.T.: -0.004 min
Response: 15422426
Conc: 48.77 ng/ml



#18 Endrin aldehyde

R.T.: 9.202 min
Delta R.T.: 0.000 min
Response: 62823329
Conc: 51.23 ng/ml m



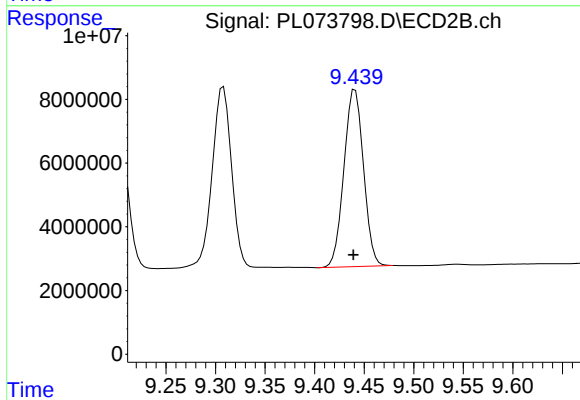
#19 Endosulfan Sulfate

R.T.: 8.797 min
Delta R.T.: -0.004 min
Response: 19261076
Conc: 45.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHBMS

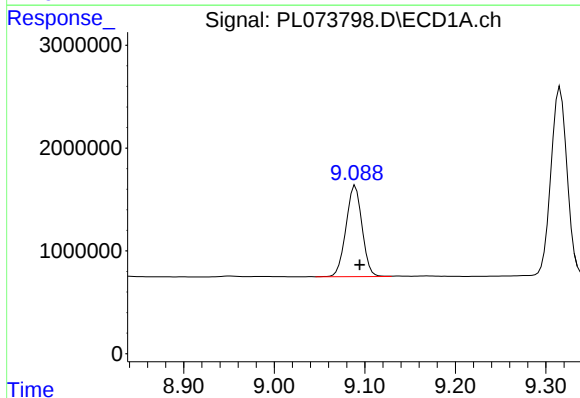
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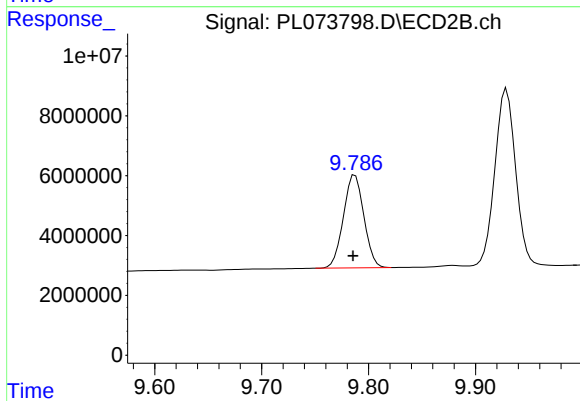
#19 Endosulfan Sulfate

R.T.: 9.441 min
Delta R.T.: 0.001 min
Response: 76429499
Conc: 48.49 ng/ml



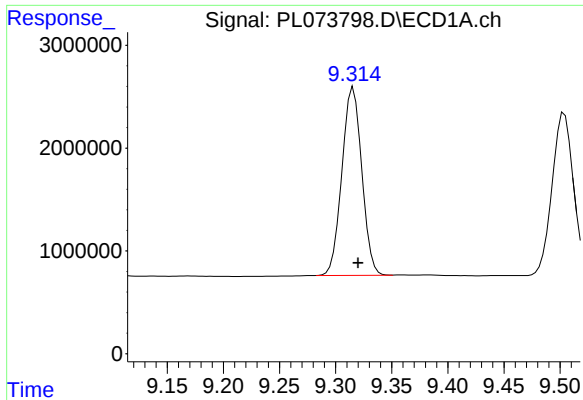
#20 Methoxychlor

R.T.: 9.090 min
Delta R.T.: -0.005 min
Response: 10935054
Conc: 42.63 ng/ml



#20 Methoxychlor

R.T.: 9.787 min
Delta R.T.: 0.002 min
Response: 41358634
Conc: 45.90 ng/ml



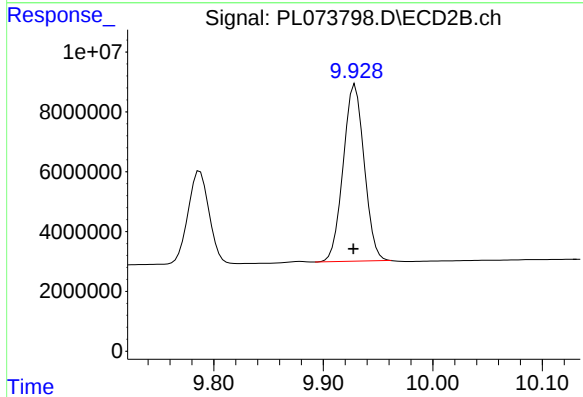
#21 Endrin ketone

R.T.: 9.316 min
Delta R.T.: -0.004 min
Response: 22519235
Conc: 46.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHBMS

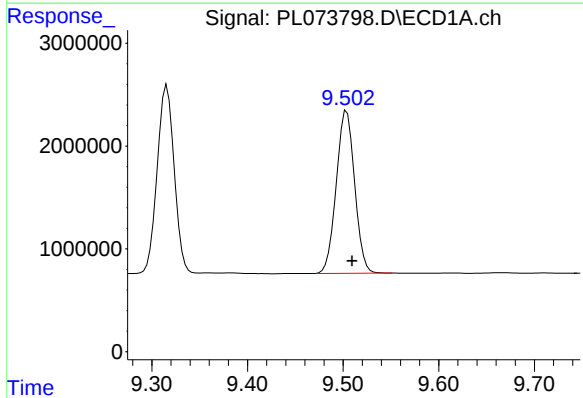
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Reviewed By :Abdul Mirza 04/05/2022
Supervised By :mohammad ahmed 04/05/2022



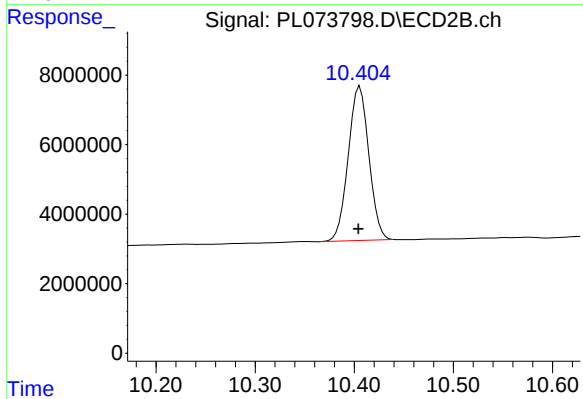
#21 Endrin ketone

R.T.: 9.929 min
Delta R.T.: 0.001 min
Response: 78676590
Conc: 47.67 ng/ml



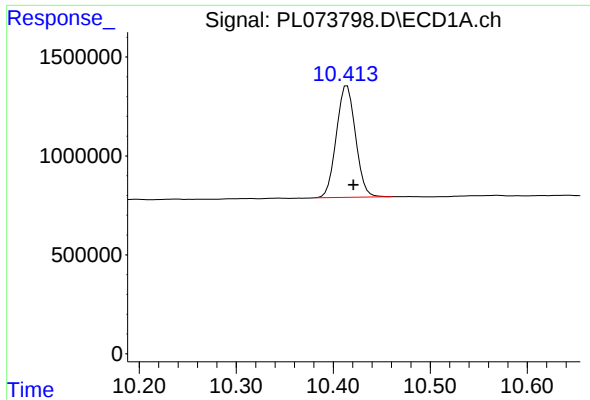
#22 Mirex

R.T.: 9.504 min
Delta R.T.: -0.005 min
Response: 21124349
Conc: 44.80 ng/ml



#22 Mirex

R.T.: 10.406 min
Delta R.T.: 0.002 min
Response: 64323460
Conc: 47.35 ng/ml



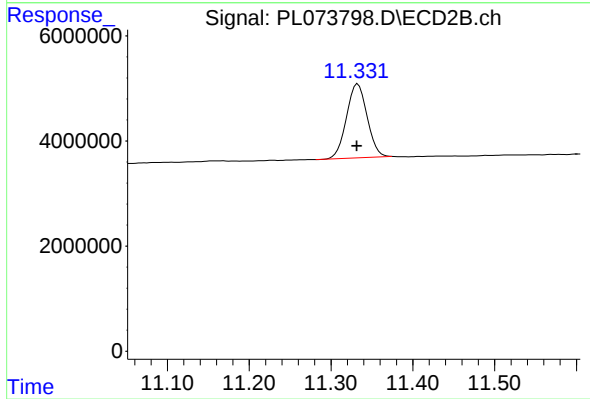
#28 Decachlorobiphenyl

R.T.: 10.414 min
Delta R.T.: -0.007 min
Response: 7742112
Conc: 15.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHBMS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/05/2022
Supervised By :mohammad ahmed 04/05/2022



#28 Decachlorobiphenyl

R.T.: 11.333 min
Delta R.T.: 0.001 min
Response: 24656790
Conc: 13.79 ng/ml