

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051922\
 Data File : PL074838.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 May 2022 13:46
 Operator : AR\AJ
 Sample : PB144920BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB144920BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/20/2022
 Supervised By : mohammad ahmed 05/20/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 20 02:40:13 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051122.M
 Quant Title : GC Extractables
 QLast Update : Sat May 14 02:37:15 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...	5.646	4.651	8379815	21607100	16.504	15.743
28) SA Decachlor...	11.645	10.403	8812377	22133829	19.733	21.564
Target Compounds						
2) A alpha-BHC	6.230	5.354	32423505	81770690	47.393	48.589
3) MA gamma-BHC...	6.628	5.774	30813971	78101951	47.737	47.266
4) MA Heptachlor	7.283	6.184	31161347	74770762	48.284	49.261
5) MB Aldrin	7.658	6.508	30439345	75393293	49.137	50.247
6) B beta-BHC	6.879	6.151	13904937	35891145	46.590	45.205
7) B delta-BHC	7.150	6.412	29345891	74644352	46.800	47.736
8) B Heptachlo...	8.125	7.082	27752916	69224491	48.797	49.738
9) A Endosulfan I	8.533	7.484	27876301	63062214	48.355	50.404
10) B gamma-Chl...	8.394	7.359	27104174	70027194	52.400m	50.531
11) B alpha-Chl...	8.478	7.428	30018140	69560042	49.170	51.456
12) B 4,4'-DDE	8.663	7.641	23797931	61659591	51.407	52.400
13) MA Dieldrin	8.824	7.770	26832883	67971413	51.051	53.357
14) MA Endrin	9.065	8.060	21563809	57545321	52.255	54.478
15) B Endosulfa...	9.298	8.370	23902966	59524059	54.373	52.694
16) A 4,4'-DDD	9.205	8.224	20439214	52112998	45.207	52.899
17) MA 4,4'-DDT	9.525	8.485	22053132	53586697	47.980	53.559
18) B Endrin al...	9.434	8.558	20338056	48117181	57.465	60.245
19) B Endosulfa...	9.672	8.788	23092271	57578476	51.092	52.895
20) A Methoxychlor	10.010	9.079	12681268	31801524	51.779	54.418
21) B Endrin ke...	10.174	9.307	26582999	64626820	51.835	57.967
22) Mirex	10.648	9.496	20014605	51215249	49.601	52.876

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051922\
 Data File : PL074838.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 May 2022 13:46
 Operator : AR\AJ
 Sample : PB144920BS
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Instrument :

ECD_L

ClientSampleId :

PB144920BS

Manual Integrations

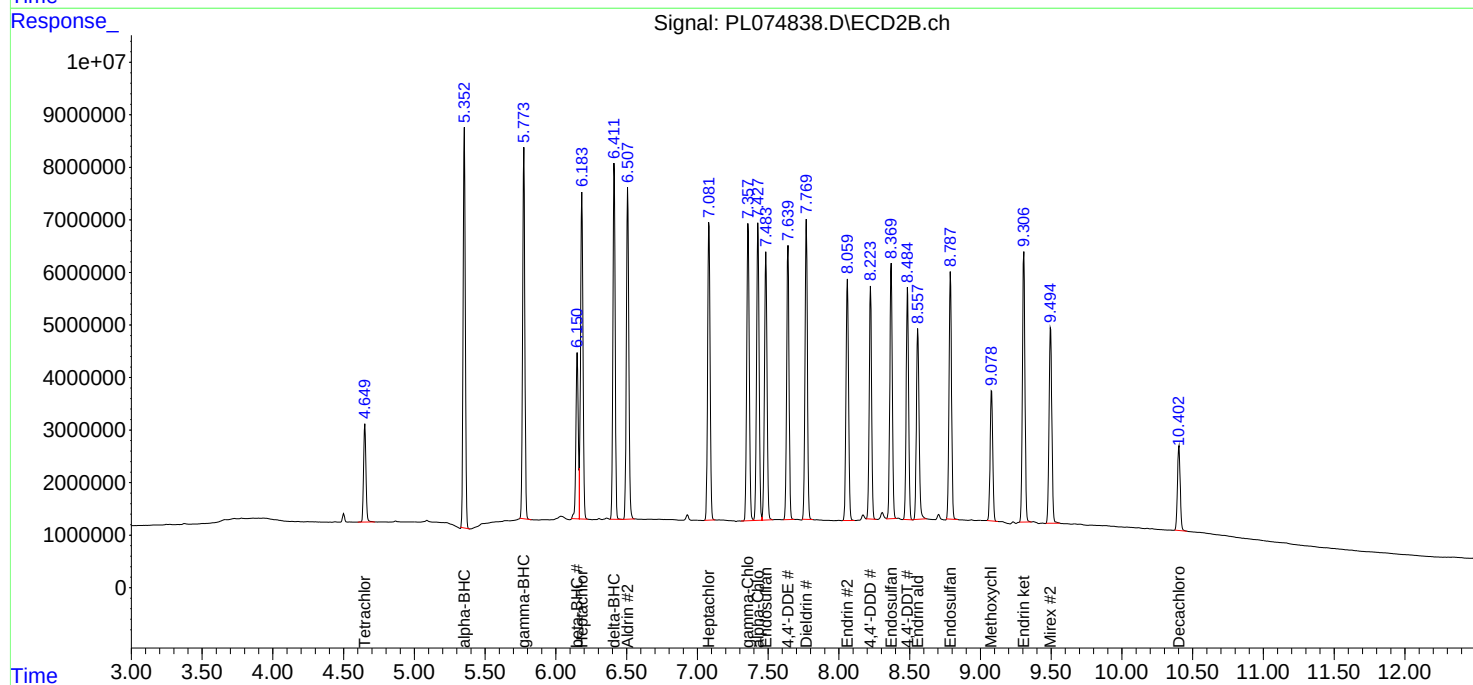
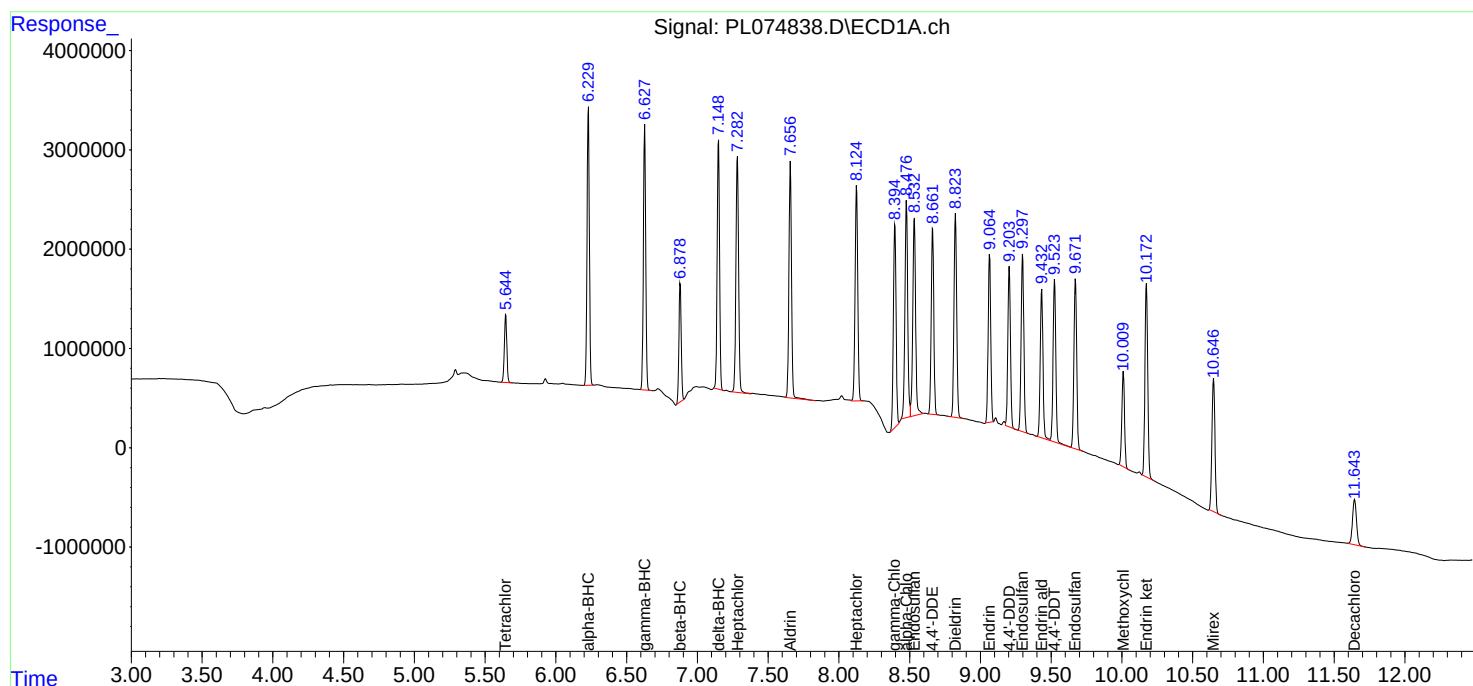
APPROVED

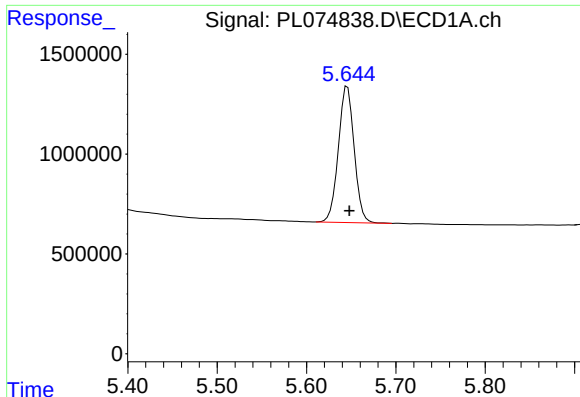
Reviewed By :Abdul Mirza 05/20/2022

Supervised By :mohammad ahmed 05/20/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 20 02:40:13 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051122.M
 Quant Title : GC Extractables
 QLast Update : Sat May 14 02:37:15 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





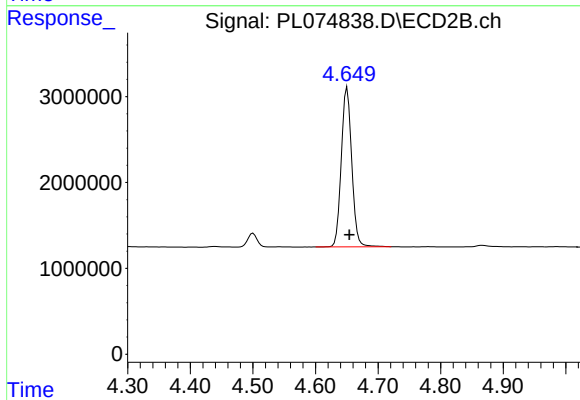
#1 Tetrachloro-m-xylene

R.T.: 5.646 min
Delta R.T.: -0.002 min
Response: 8379815
Conc: 16.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144920BS

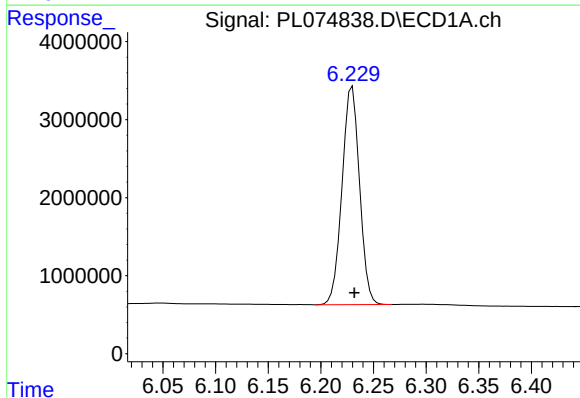
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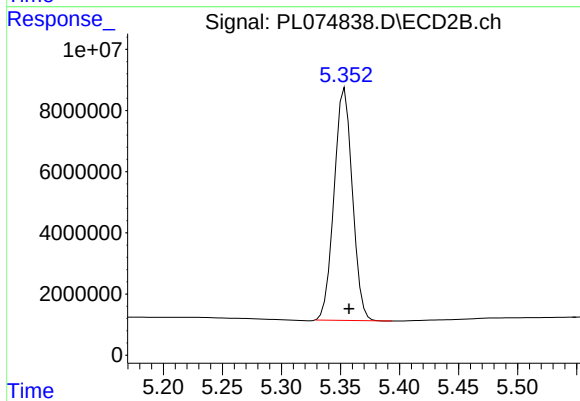
#1 Tetrachloro-m-xylene

R.T.: 4.651 min
Delta R.T.: -0.004 min
Response: 21607100
Conc: 15.74 ng/ml



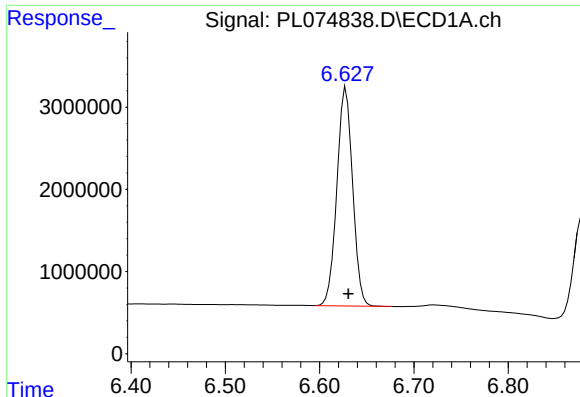
#2 alpha-BHC

R.T.: 6.230 min
Delta R.T.: -0.002 min
Response: 32423505
Conc: 47.39 ng/ml



#2 alpha-BHC

R.T.: 5.354 min
Delta R.T.: -0.003 min
Response: 81770690
Conc: 48.59 ng/ml



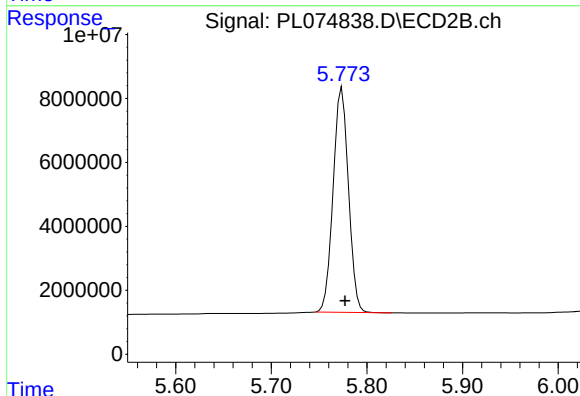
#3 gamma-BHC (Lindane)

R.T.: 6.628 min
Delta R.T.: -0.002 min
Response: 30813971
Conc: 47.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144920BS

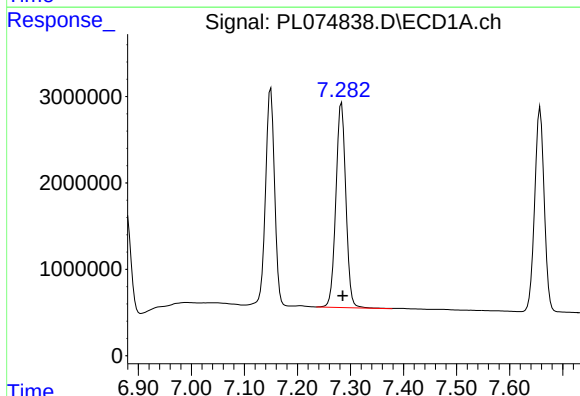
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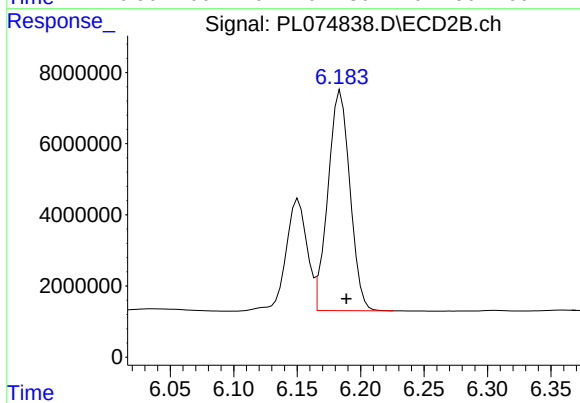
#3 gamma-BHC (Lindane)

R.T.: 5.774 min
Delta R.T.: -0.003 min
Response: 78101951
Conc: 47.27 ng/ml



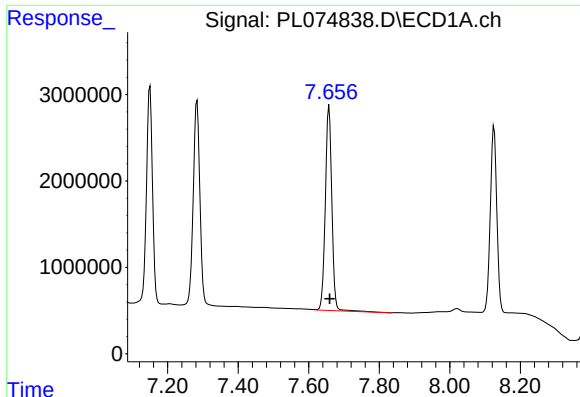
#4 Heptachlor

R.T.: 7.283 min
Delta R.T.: -0.003 min
Response: 31161347
Conc: 48.28 ng/ml



#4 Heptachlor

R.T.: 6.184 min
Delta R.T.: -0.005 min
Response: 74770762
Conc: 49.26 ng/ml



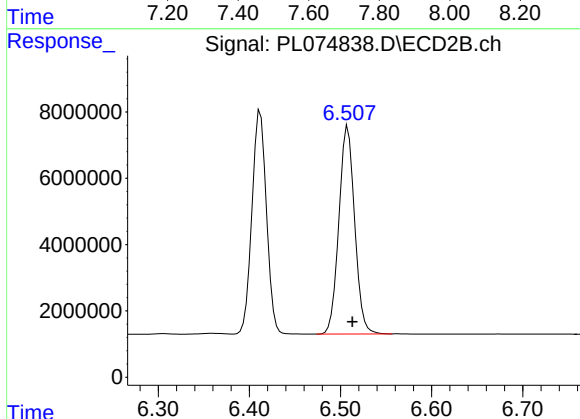
#5 Aldrin

R.T.: 7.658 min
Delta R.T.: -0.002 min
Response: 30439345
Conc: 49.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144920BS

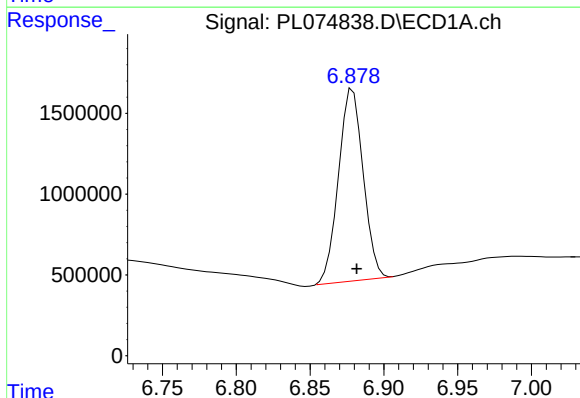
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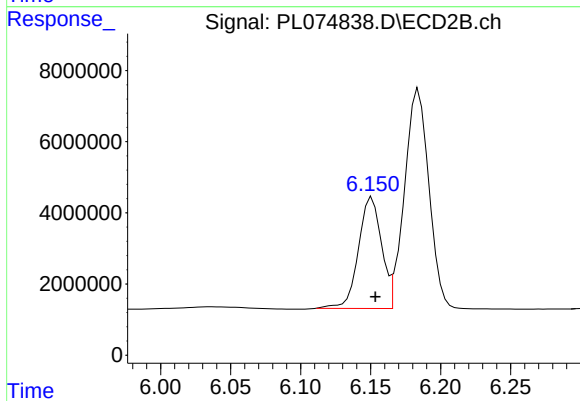
#5 Aldrin

R.T.: 6.508 min
Delta R.T.: -0.005 min
Response: 75393293
Conc: 50.25 ng/ml



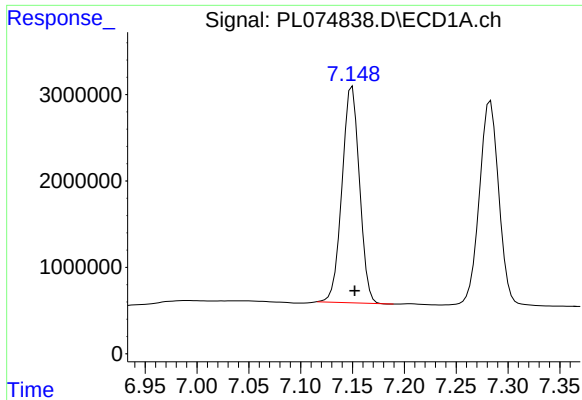
#6 beta-BHC

R.T.: 6.879 min
Delta R.T.: -0.003 min
Response: 13904937
Conc: 46.59 ng/ml



#6 beta-BHC

R.T.: 6.151 min
Delta R.T.: -0.003 min
Response: 35891145
Conc: 45.20 ng/ml



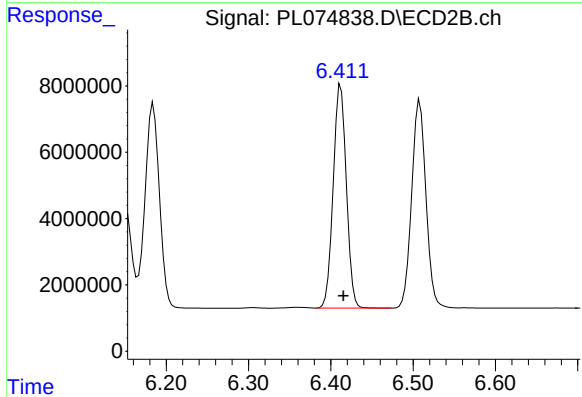
#7 delta-BHC

R.T.: 7.150 min
Delta R.T.: -0.003 min
Response: 29345891
Conc: 46.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144920BS

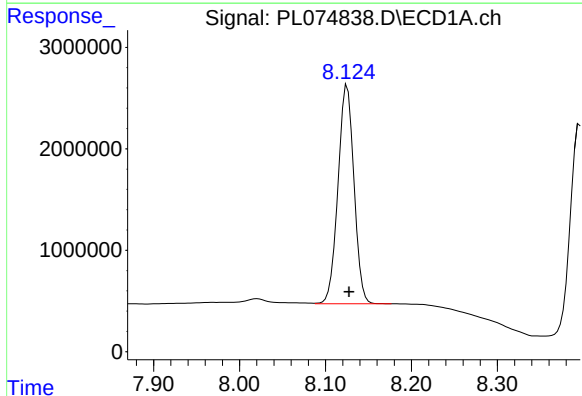
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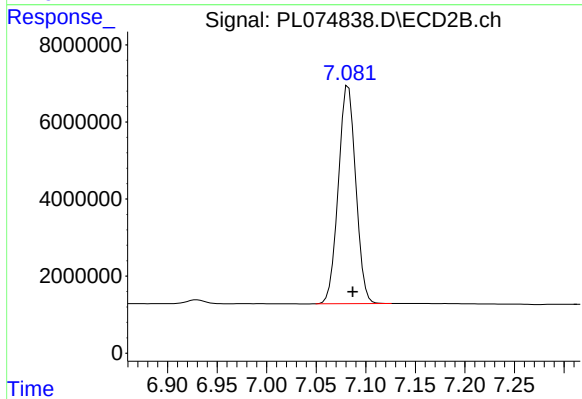
#7 delta-BHC

R.T.: 6.412 min
Delta R.T.: -0.003 min
Response: 74644352
Conc: 47.74 ng/ml



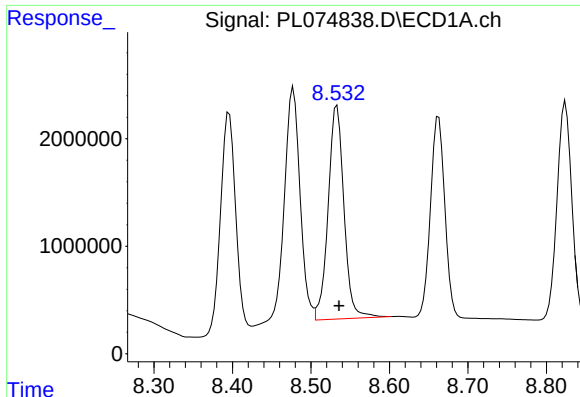
#8 Heptachlor epoxide

R.T.: 8.125 min
Delta R.T.: -0.002 min
Response: 27752916
Conc: 48.80 ng/ml



#8 Heptachlor epoxide

R.T.: 7.082 min
Delta R.T.: -0.004 min
Response: 69224491
Conc: 49.74 ng/ml



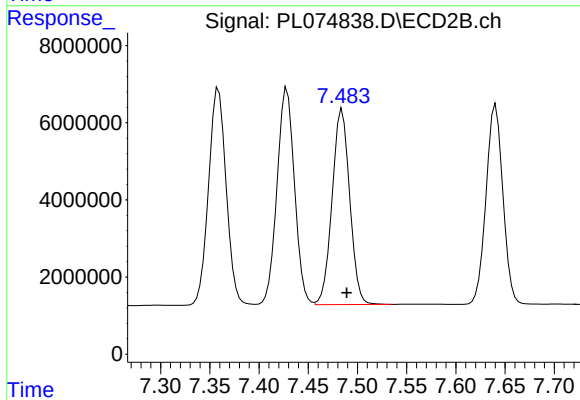
#9 Endosulfan I

R.T.: 8.533 min
Delta R.T.: -0.003 min
Response: 27876301
Conc: 48.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144920BS

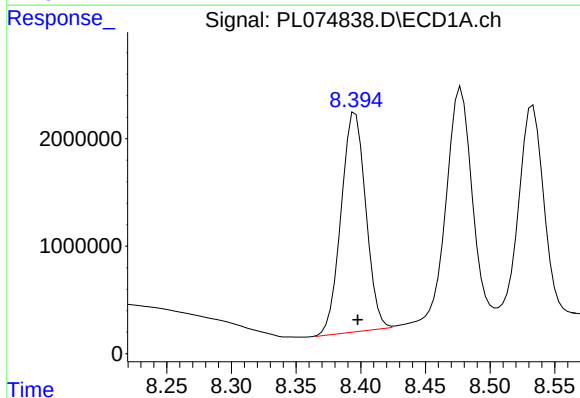
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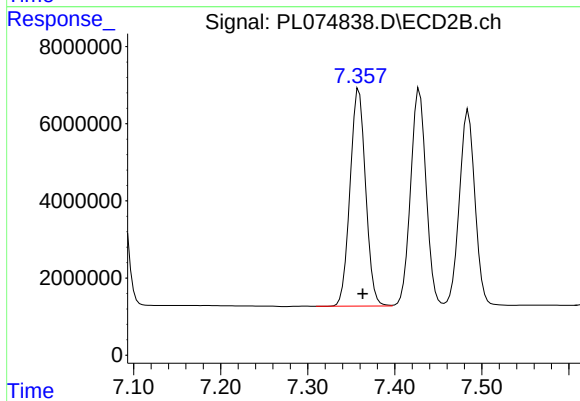
#9 Endosulfan I

R.T.: 7.484 min
Delta R.T.: -0.005 min
Response: 63062214
Conc: 50.40 ng/ml



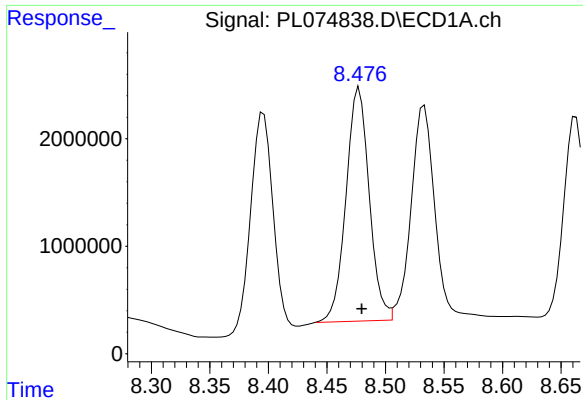
#10 gamma-Chlordane

R.T.: 8.394 min
Delta R.T.: -0.003 min
Response: 27104174
Conc: 52.40 ng/ml m



#10 gamma-Chlordane

R.T.: 7.359 min
Delta R.T.: -0.005 min
Response: 70027194
Conc: 50.53 ng/ml



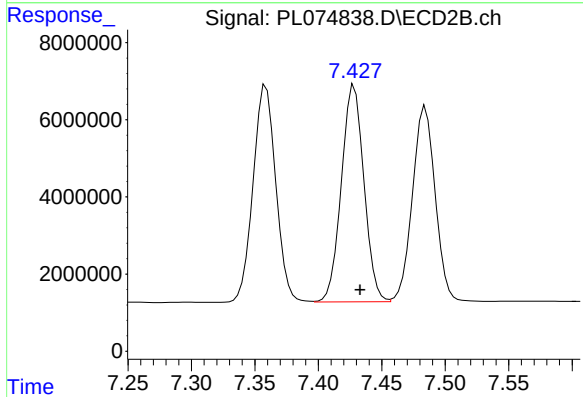
#11 alpha-Chlordane

R.T.: 8.478 min
Delta R.T.: -0.002 min
Response: 30018140
Conc: 49.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144920BS

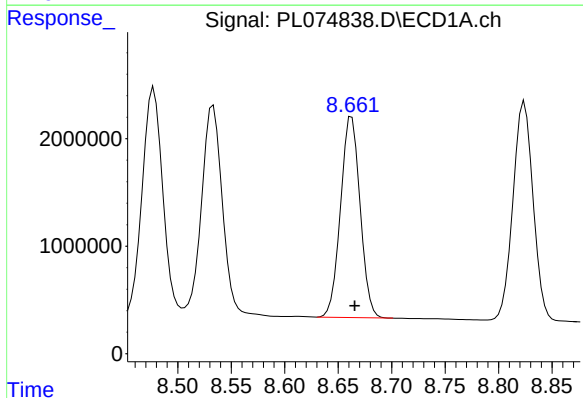
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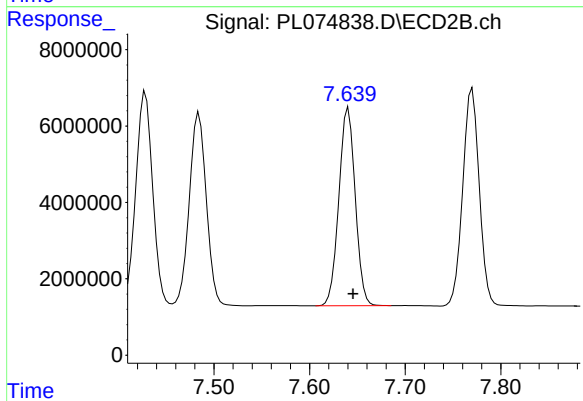
#11 alpha-Chlordane

R.T.: 7.428 min
Delta R.T.: -0.004 min
Response: 69560042
Conc: 51.46 ng/ml



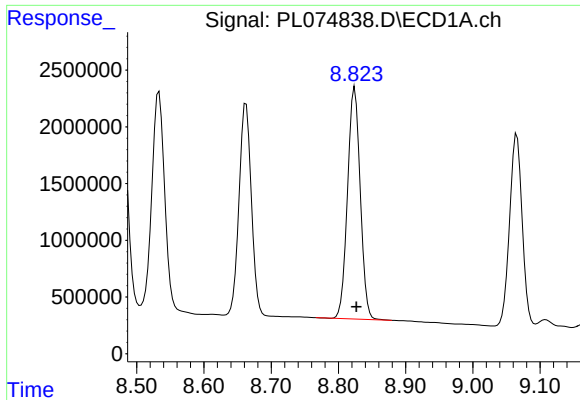
#12 4,4'-DDE

R.T.: 8.663 min
Delta R.T.: -0.003 min
Response: 23797931
Conc: 51.41 ng/ml



#12 4,4'-DDE

R.T.: 7.641 min
Delta R.T.: -0.005 min
Response: 61659591
Conc: 52.40 ng/ml



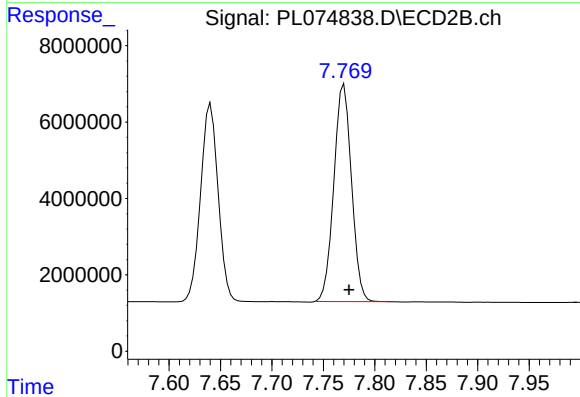
#13 Dieldrin

R.T.: 8.824 min
Delta R.T.: -0.002 min
Response: 26832883
Conc: 51.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144920BS

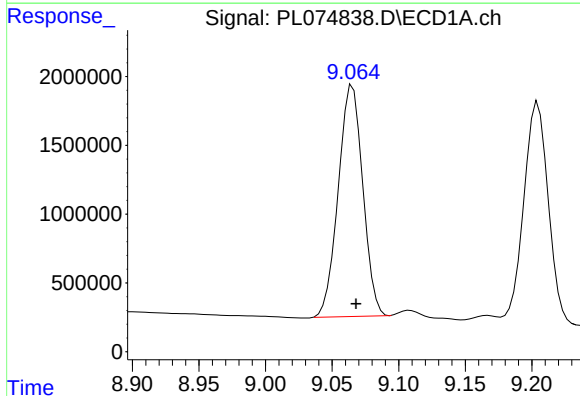
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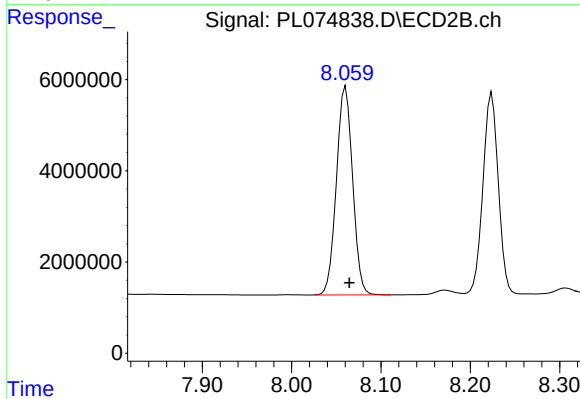
#13 Dieldrin

R.T.: 7.770 min
Delta R.T.: -0.005 min
Response: 67971413
Conc: 53.36 ng/ml



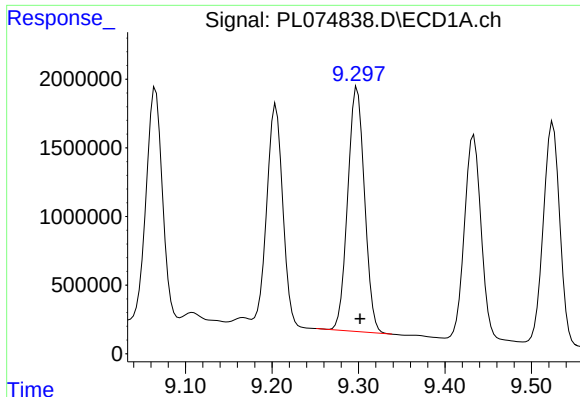
#14 Endrin

R.T.: 9.065 min
Delta R.T.: -0.003 min
Response: 21563809
Conc: 52.26 ng/ml



#14 Endrin

R.T.: 8.060 min
Delta R.T.: -0.004 min
Response: 57545321
Conc: 54.48 ng/ml



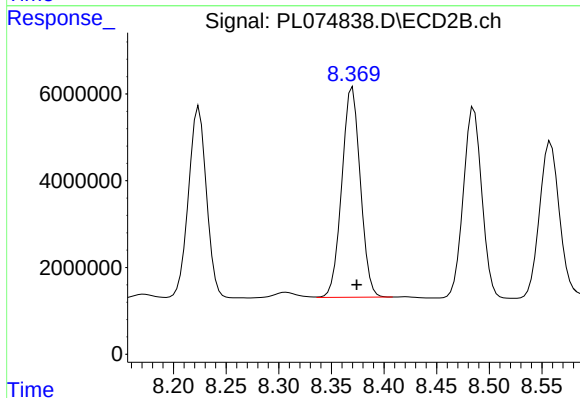
#15 Endosulfan II

R.T.: 9.298 min
Delta R.T.: -0.003 min
Response: 23902966
Conc: 54.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144920BS

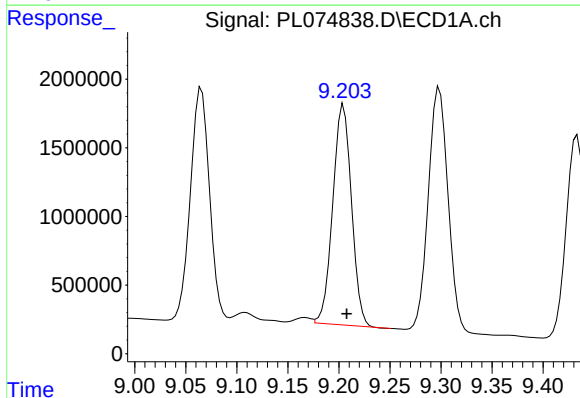
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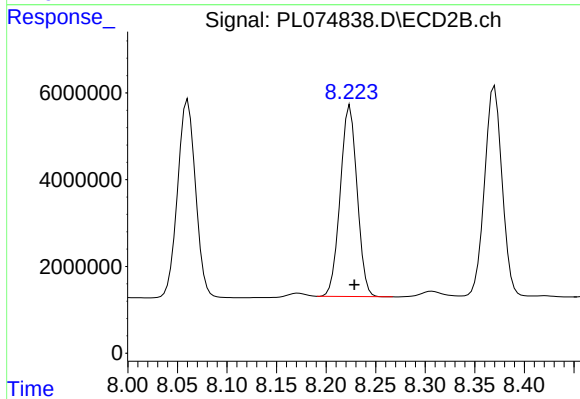
#15 Endosulfan II

R.T.: 8.370 min
Delta R.T.: -0.004 min
Response: 59524059
Conc: 52.69 ng/ml



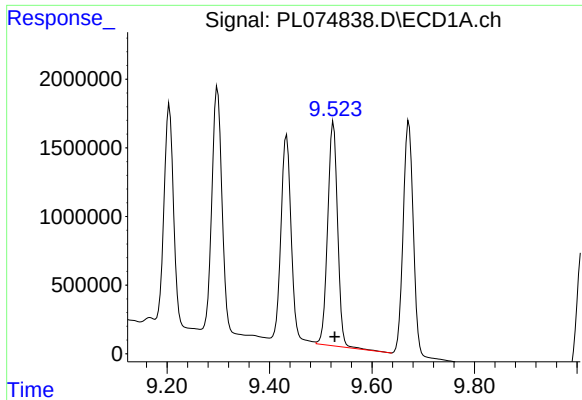
#16 4,4'-DDD

R.T.: 9.205 min
Delta R.T.: -0.003 min
Response: 20439214
Conc: 45.21 ng/ml



#16 4,4'-DDD

R.T.: 8.224 min
Delta R.T.: -0.005 min
Response: 52112998
Conc: 52.90 ng/ml



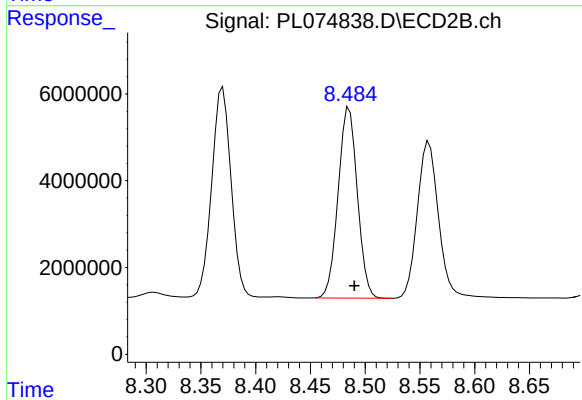
#17 4,4'-DDT

R.T.: 9.525 min
Delta R.T.: -0.003 min
Response: 22053132
Conc: 47.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144920BS

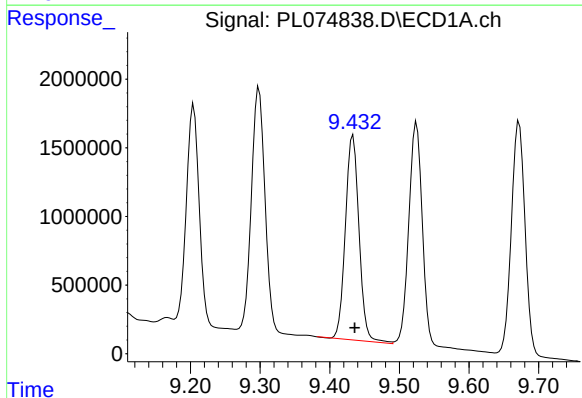
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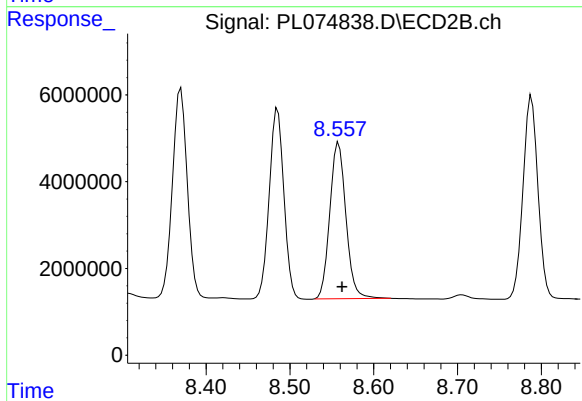
#17 4,4'-DDT

R.T.: 8.485 min
Delta R.T.: -0.005 min
Response: 53586697
Conc: 53.56 ng/ml



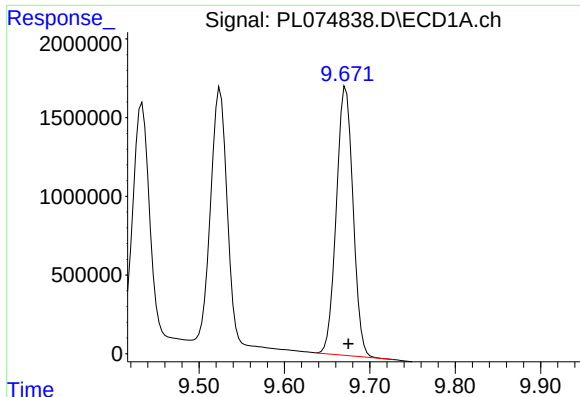
#18 Endrin aldehyde

R.T.: 9.434 min
Delta R.T.: -0.003 min
Response: 20338056
Conc: 57.47 ng/ml



#18 Endrin aldehyde

R.T.: 8.558 min
Delta R.T.: -0.004 min
Response: 48117181
Conc: 60.25 ng/ml



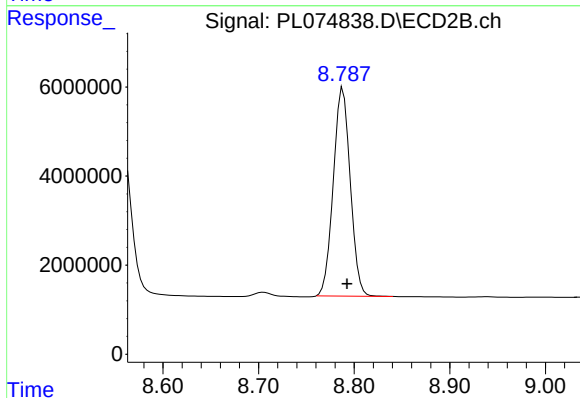
#19 Endosulfan Sulfate

R.T.: 9.672 min
Delta R.T.: -0.003 min
Response: 23092271
Conc: 51.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144920BS

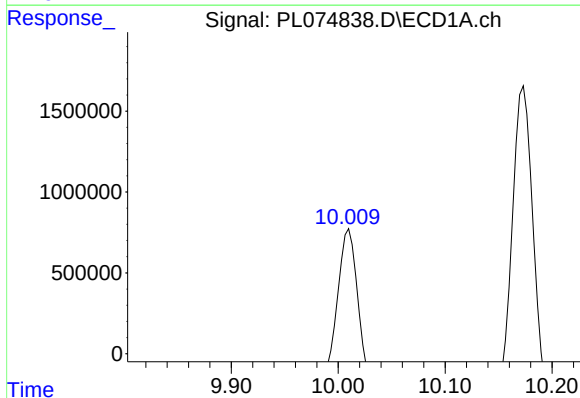
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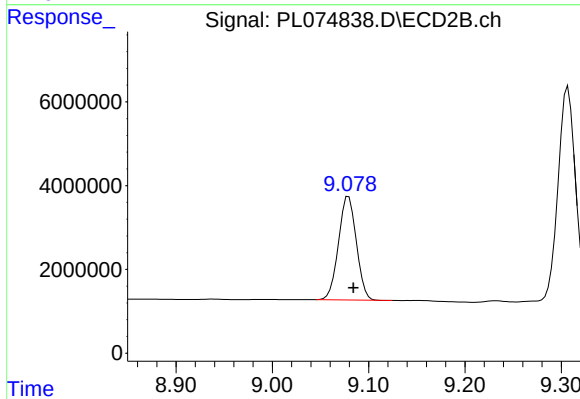
#19 Endosulfan Sulfate

R.T.: 8.788 min
Delta R.T.: -0.004 min
Response: 57578476
Conc: 52.90 ng/ml



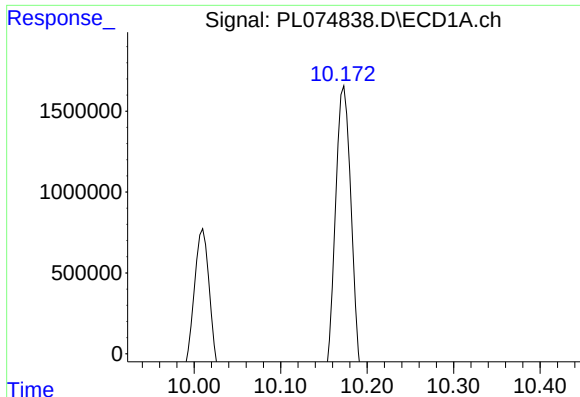
#20 Methoxychlor

R.T.: 10.010 min
Delta R.T.: -0.003 min
Response: 12681268
Conc: 51.78 ng/ml



#20 Methoxychlor

R.T.: 9.079 min
Delta R.T.: -0.005 min
Response: 31801524
Conc: 54.42 ng/ml



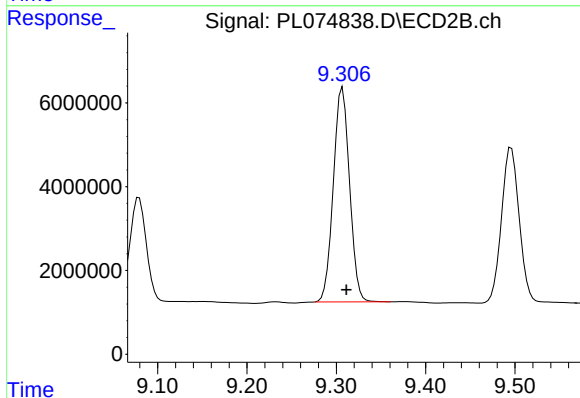
#21 Endrin ketone

R.T.: 10.174 min
Delta R.T.: -0.004 min
Response: 26582999
Conc: 51.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144920BS

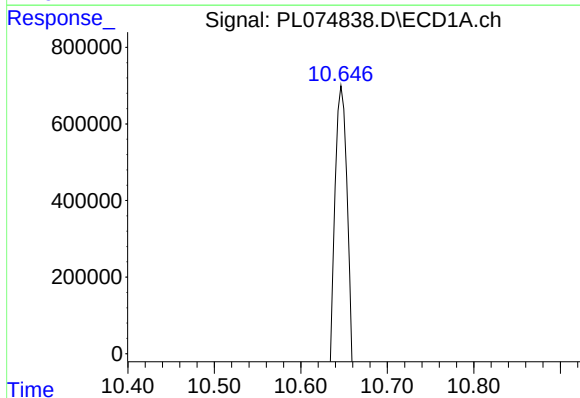
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Reviewed By :Abdul Mirza 05/20/2022
Supervised By :mohammad ahmed 05/20/2022



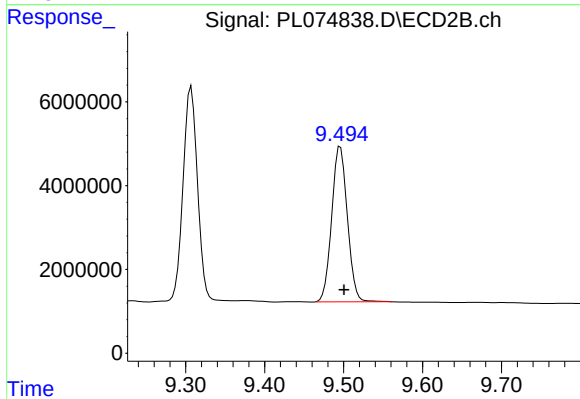
#21 Endrin ketone

R.T.: 9.307 min
Delta R.T.: -0.004 min
Response: 64626820
Conc: 57.97 ng/ml



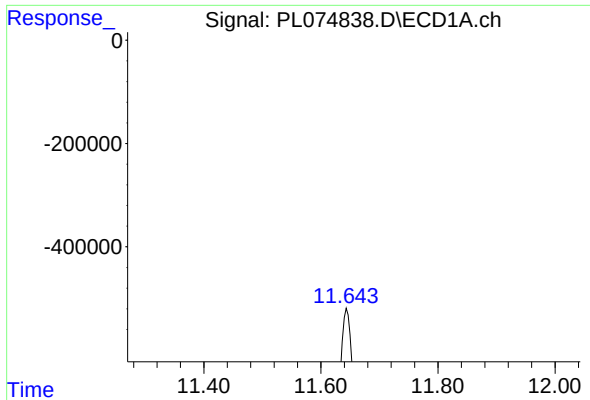
#22 Mirex

R.T.: 10.648 min
Delta R.T.: -0.004 min
Response: 20014605
Conc: 49.60 ng/ml



#22 Mirex

R.T.: 9.496 min
Delta R.T.: -0.005 min
Response: 51215249
Conc: 52.88 ng/ml



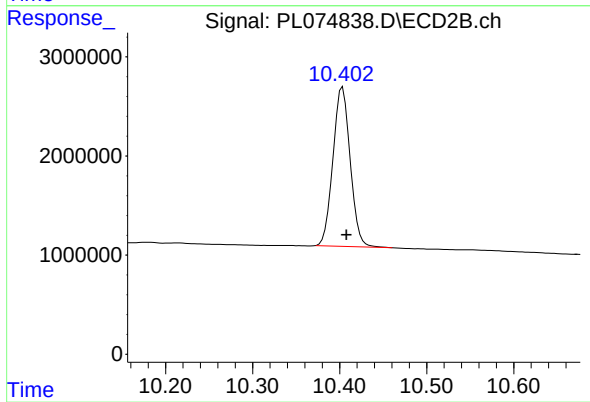
#28 Decachlorobiphenyl

R.T.: 11.645 min
Delta R.T.: -0.006 min
Response: 8812377
Conc: 19.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144920BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/20/2022
Supervised By :mohammad ahmed 05/20/2022



#28 Decachlorobiphenyl

R.T.: 10.403 min
Delta R.T.: -0.004 min
Response: 22133829
Conc: 21.56 ng/ml