

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051622\
 Data File : PL074736.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 May 2022 18:32
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/17/2022
 Supervised By : mohammad ahmed 05/17/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 17 00:51:19 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...	5.654	4.653	24788653	64560139	48.822	47.038
28) SA Decachlor...	11.657	10.409	23103326	52347694	51.733	51.001
Target Compounds						
2) A alpha-BHC	6.237	5.356	34543973	87405977	50.492	51.938
3) MA gamma-BHC...	6.635	5.777	33085764	82586743	51.256	49.980
4) MA Heptachlor	7.290	6.188	31727353	76111947	49.161	50.145
5) MB Aldrin	7.664	6.512	30710247	74939611	49.574	49.944
6) B beta-BHC	6.884	6.154	15235146	39144898	51.047m	49.303
7) B delta-BHC	7.157	6.415	32390431	80271668	51.656	51.335
8) B Heptachlo...	8.132	7.086	29083889	69878314	51.137	50.208
9) A Endosulfan I	8.540	7.489	28841284	63925819	50.028	51.094
10) B gamma-Chl...	8.403	7.363	27647440	70667603	53.451	50.993
11) B alpha-Chl...	8.484	7.432	31354359	69758792	51.358	51.603
12) B 4,4'-DDE	8.670	7.645	24829177	61566161	53.635	52.321
13) MA Dieldrin	8.832	7.774	27063584	67700772	51.490	53.144
14) MA Endrin	9.072	8.065	21965750	56979817	53.229	53.943
15) B Endosulfa...	9.305	8.374	22990327	54432535	52.297	48.187
16) A 4,4'-DDD	9.211	8.229	22289963	51946677	49.300	52.730
17) MA 4,4'-DDT	9.532	8.490	23215340	50992436	50.509	50.966
18) B Endrin al...	9.440	8.563	18746380	41509589	52.968	51.972
19) B Endosulfa...	9.679	8.793	23404732	56467820	51.784	51.875
20) A Methoxychlor	10.017	9.084	12380133	29084340	50.549	49.769
21) B Endrin ke...	10.181	9.312	26725441	61634183	52.113	55.283
22) Mirex	10.656	9.501	21132780	50406007	52.372	52.040

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051622\
 Data File : PL074736.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 May 2022 18:32
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

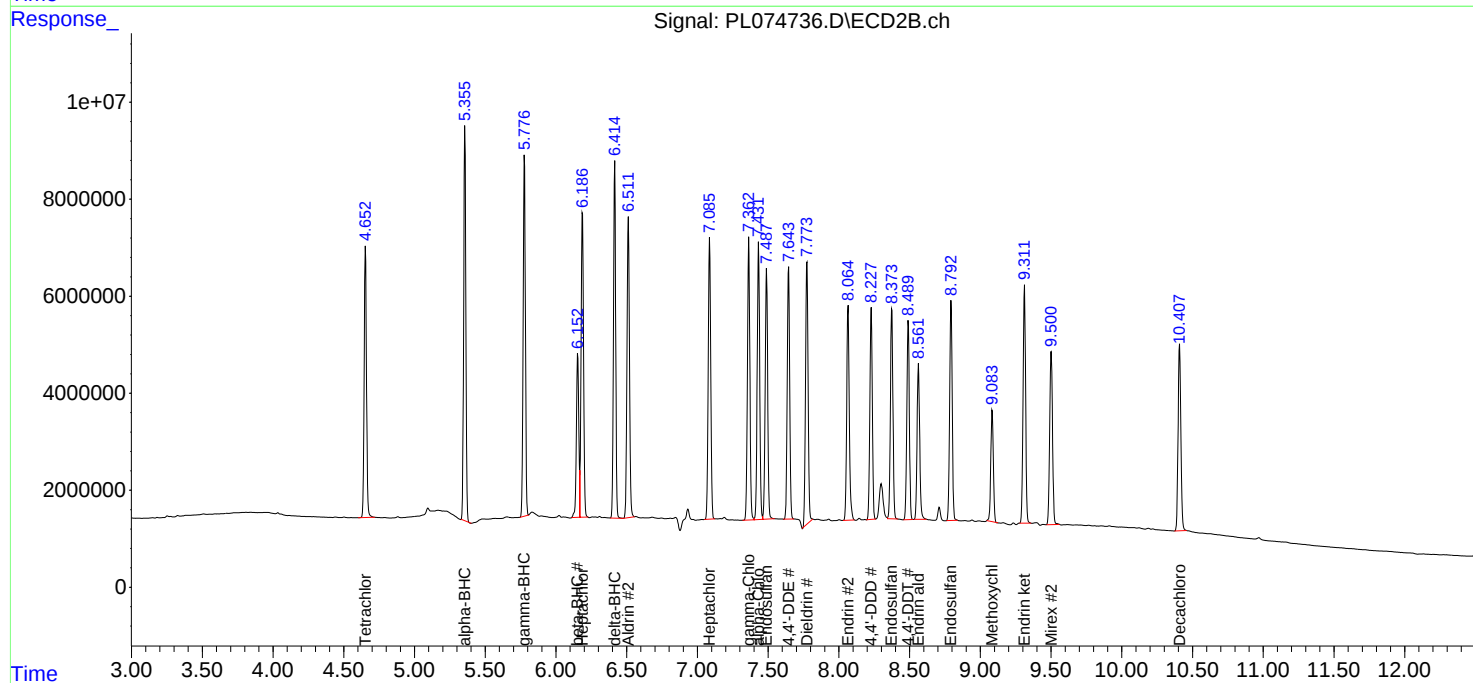
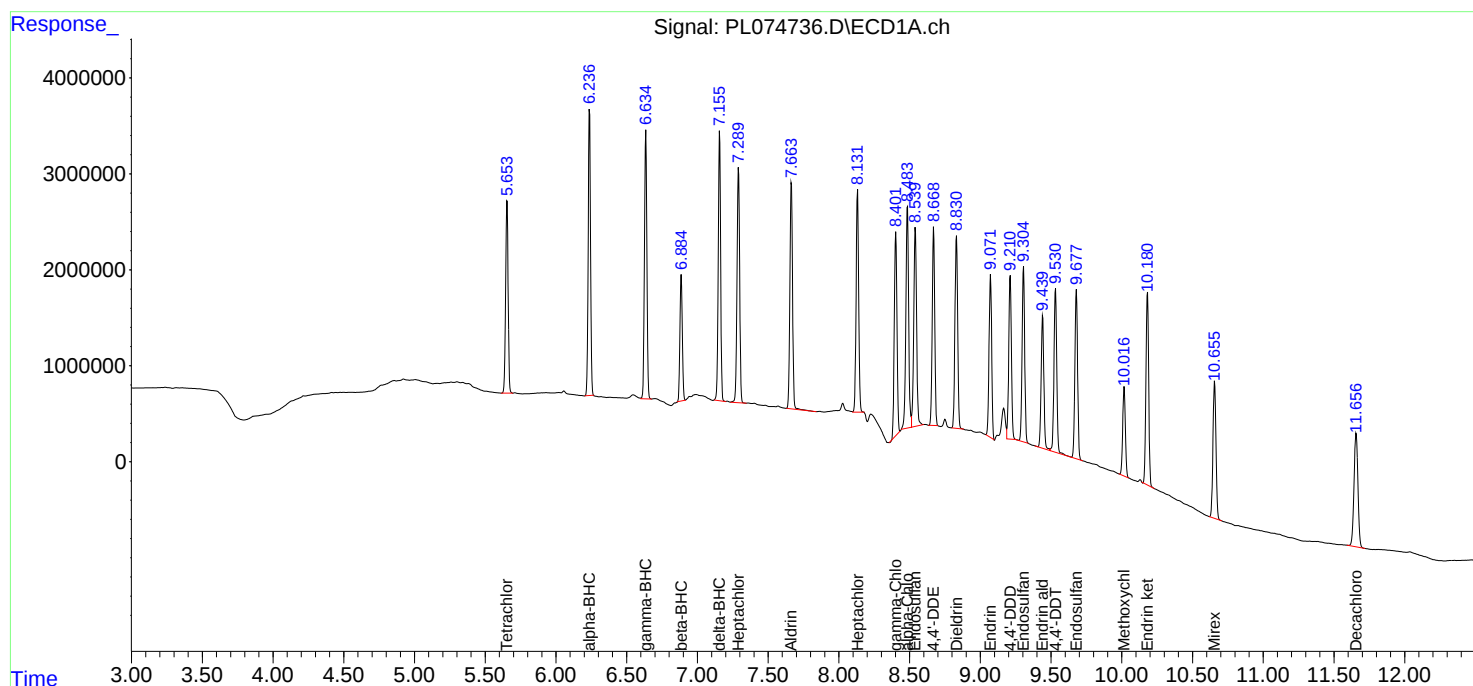
APPROVED

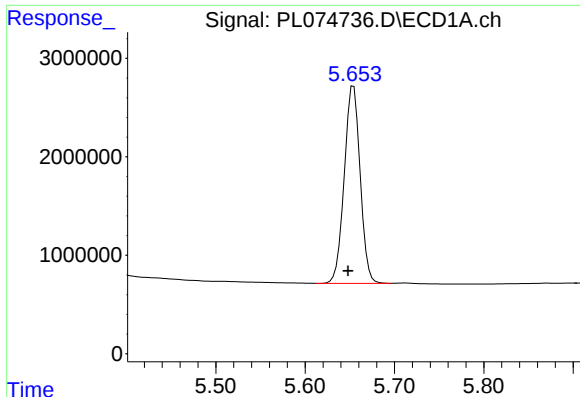
Reviewed By :Abdul Mirza 05/17/2022

Supervised By :mohammad ahmed 05/17/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 17 00:51:19 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051122.M
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Volume Inj. : 1 µl
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





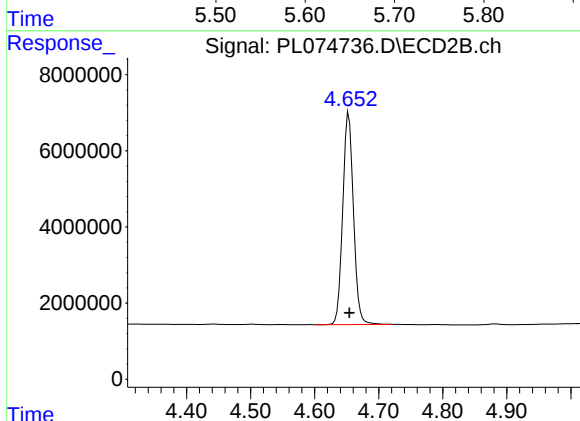
#1 Tetrachloro-m-xylene

R.T.: 5.654 min
Delta R.T.: 0.006 min
Response: 24788653
Conc: 48.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

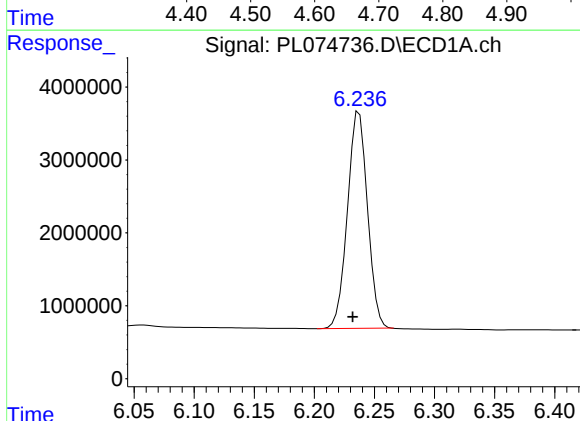
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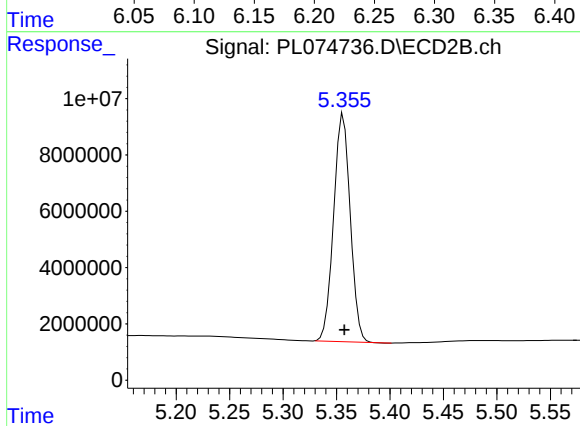
#1 Tetrachloro-m-xylene

R.T.: 4.653 min
Delta R.T.: -0.001 min
Response: 64560139
Conc: 47.04 ng/ml



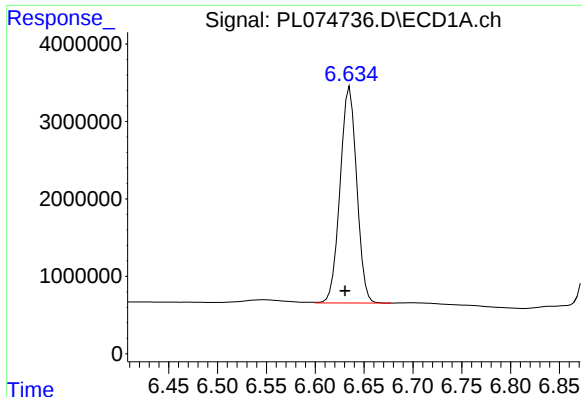
#2 alpha-BHC

R.T.: 6.237 min
Delta R.T.: 0.005 min
Response: 34543973
Conc: 50.49 ng/ml



#2 alpha-BHC

R.T.: 5.356 min
Delta R.T.: 0.000 min
Response: 87405977
Conc: 51.94 ng/ml



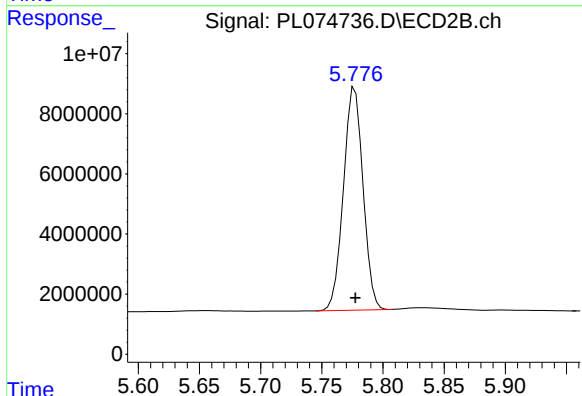
#3 gamma-BHC (Lindane)

R.T.: 6.635 min
Delta R.T.: 0.005 min
Response: 33085764
Conc: 51.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

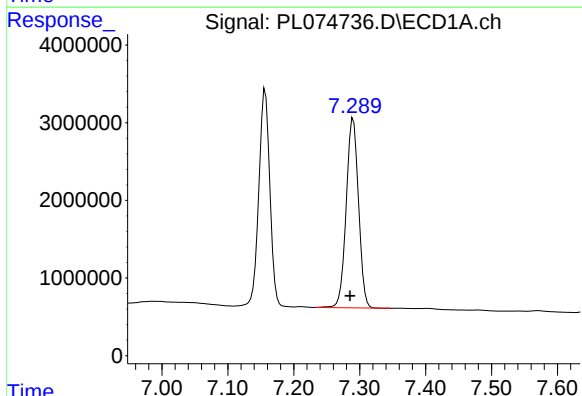
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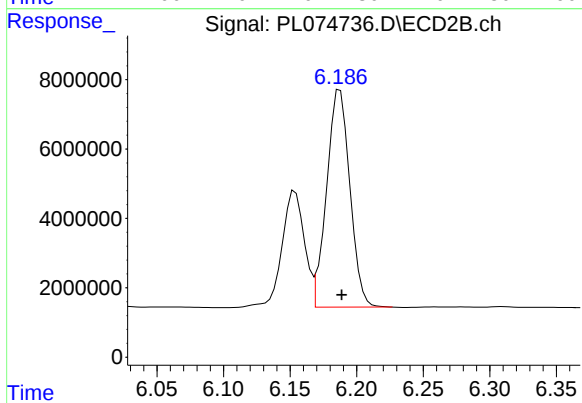
#3 gamma-BHC (Lindane)

R.T.: 5.777 min
Delta R.T.: 0.000 min
Response: 82586743
Conc: 49.98 ng/ml



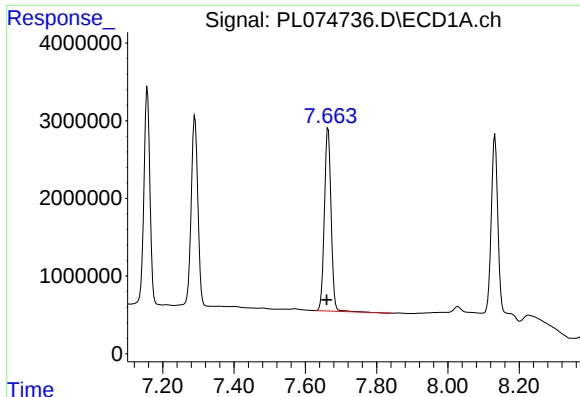
#4 Heptachlor

R.T.: 7.290 min
Delta R.T.: 0.005 min
Response: 31727353
Conc: 49.16 ng/ml



#4 Heptachlor

R.T.: 6.188 min
Delta R.T.: -0.001 min
Response: 76111947
Conc: 50.14 ng/ml



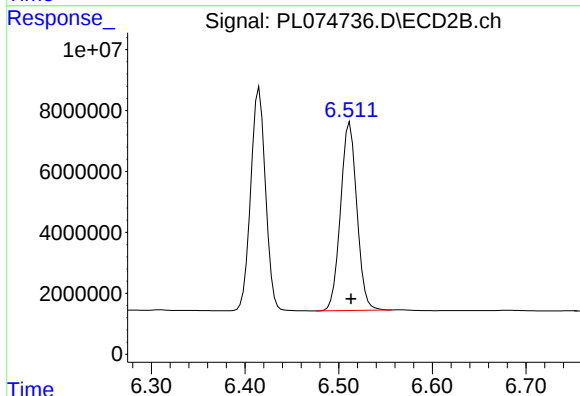
#5 Aldrin

R.T.: 7.664 min
Delta R.T.: 0.004 min
Response: 30710247
Conc: 49.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

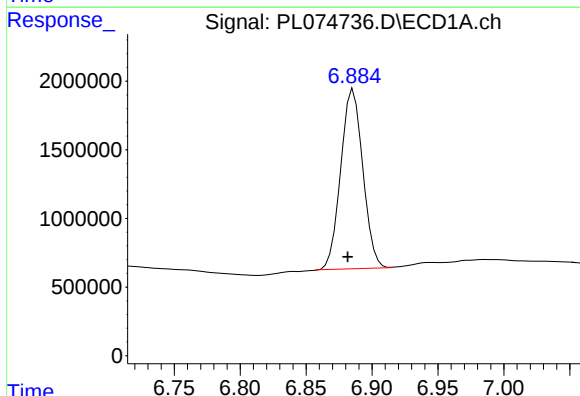
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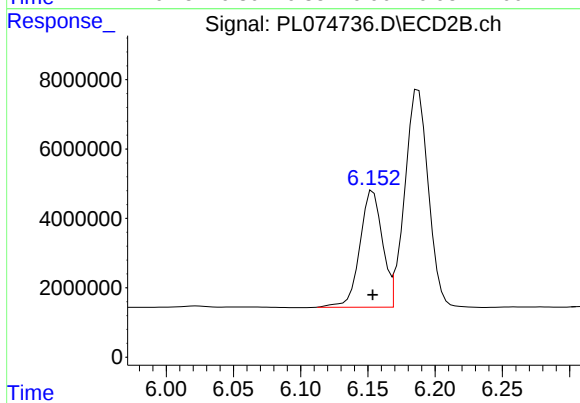
#5 Aldrin

R.T.: 6.512 min
Delta R.T.: -0.001 min
Response: 74939611
Conc: 49.94 ng/ml



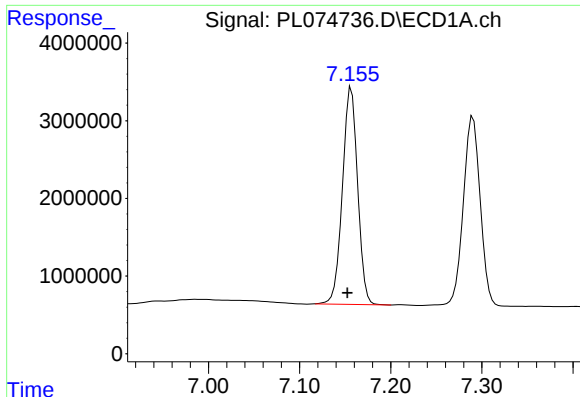
#6 beta-BHC

R.T.: 6.884 min
Delta R.T.: 0.003 min
Response: 15235146
Conc: 51.05 ng/ml m



#6 beta-BHC

R.T.: 6.154 min
Delta R.T.: 0.000 min
Response: 39144898
Conc: 49.30 ng/ml



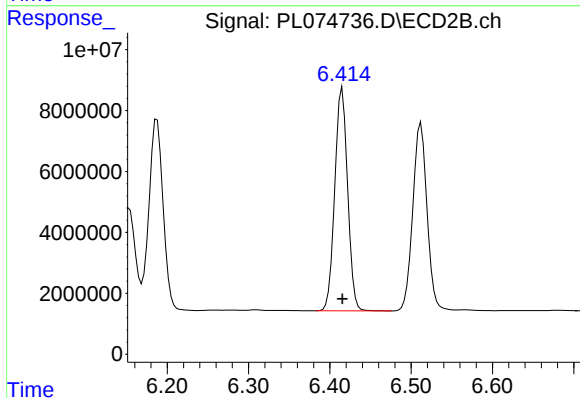
#7 delta-BHC

R.T.: 7.157 min
Delta R.T.: 0.005 min
Response: 32390431
Conc: 51.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

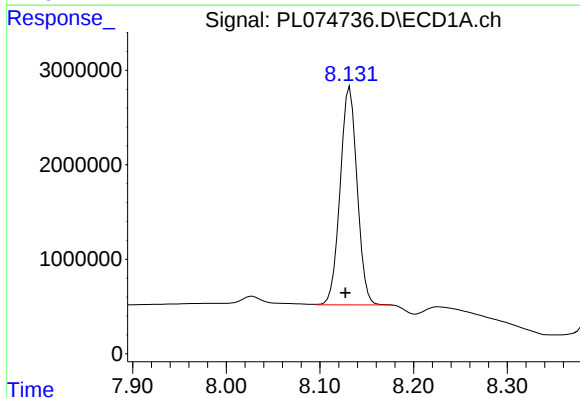
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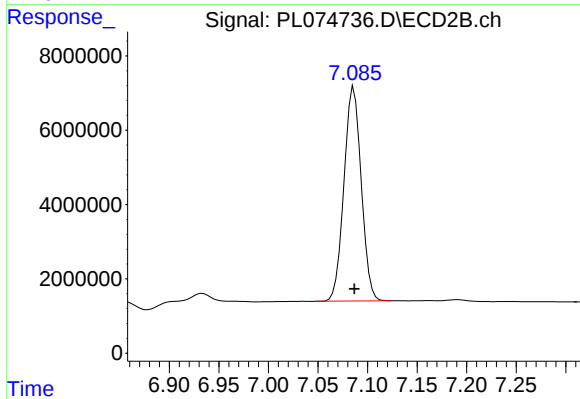
#7 delta-BHC

R.T.: 6.415 min
Delta R.T.: 0.000 min
Response: 80271668
Conc: 51.33 ng/ml



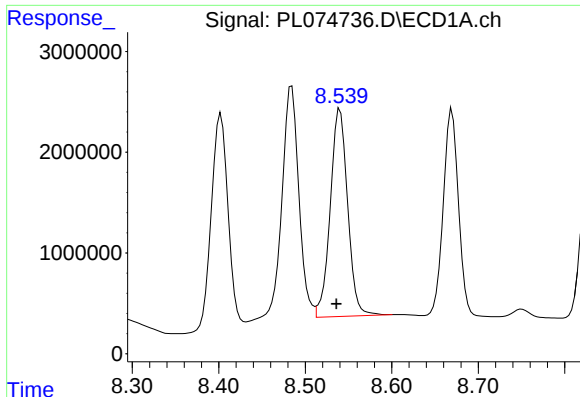
#8 Heptachlor epoxide

R.T.: 8.132 min
Delta R.T.: 0.005 min
Response: 29083889
Conc: 51.14 ng/ml



#8 Heptachlor epoxide

R.T.: 7.086 min
Delta R.T.: 0.000 min
Response: 69878314
Conc: 50.21 ng/ml



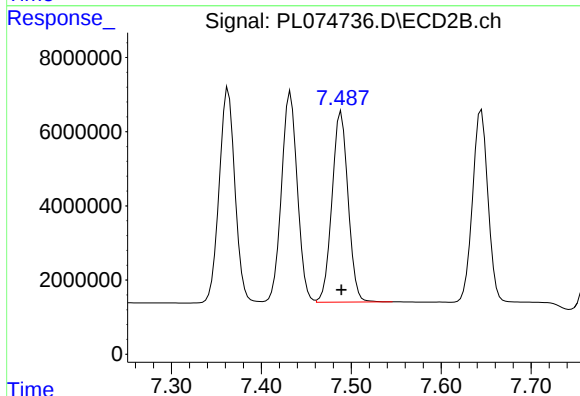
#9 Endosulfan I

R.T.: 8.540 min
Delta R.T.: 0.004 min
Response: 28841284
Conc: 50.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

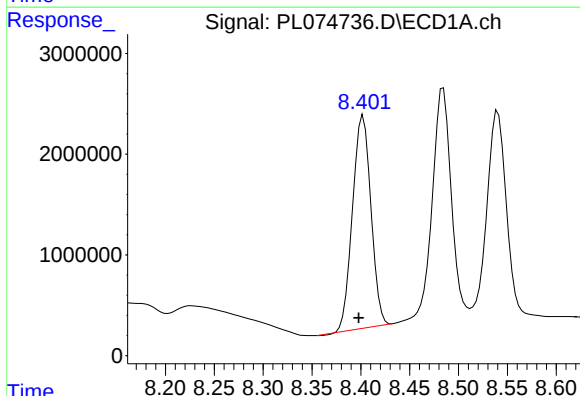
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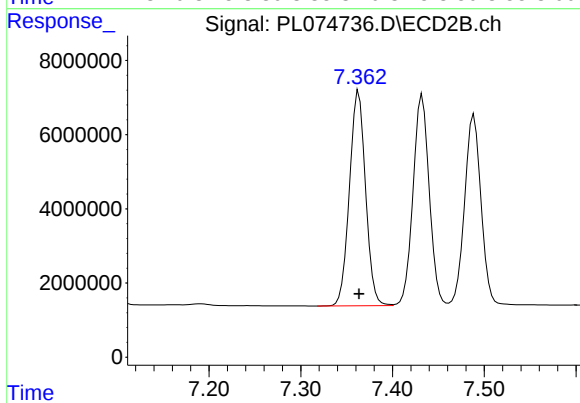
#9 Endosulfan I

R.T.: 7.489 min
Delta R.T.: 0.000 min
Response: 63925819
Conc: 51.09 ng/ml



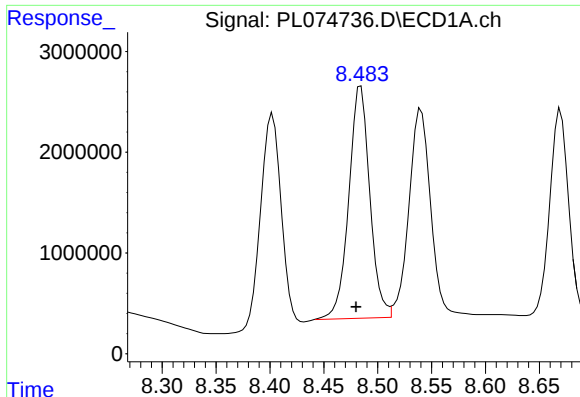
#10 gamma-Chlordane

R.T.: 8.403 min
Delta R.T.: 0.005 min
Response: 27647440
Conc: 53.45 ng/ml



#10 gamma-Chlordane

R.T.: 7.363 min
Delta R.T.: 0.000 min
Response: 70667603
Conc: 50.99 ng/ml



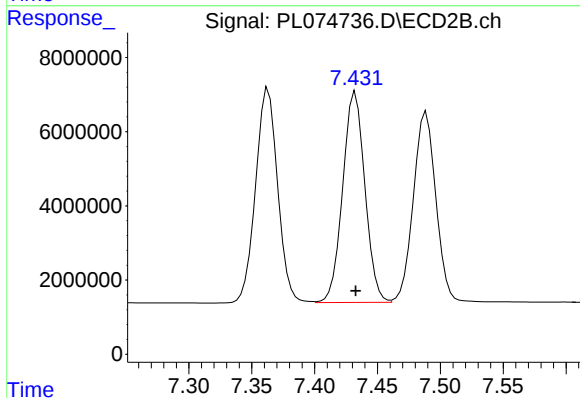
#11 alpha-Chlordane

R.T.: 8.484 min
Delta R.T.: 0.005 min
Response: 31354359
Conc: 51.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

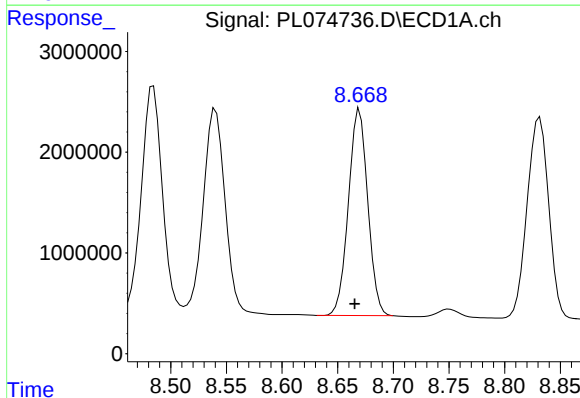
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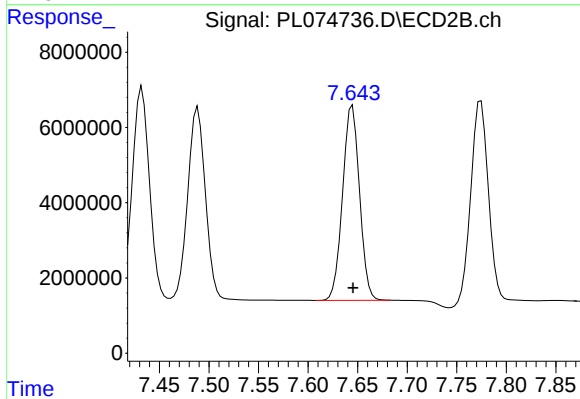
#11 alpha-Chlordane

R.T.: 7.432 min
Delta R.T.: 0.000 min
Response: 69758792
Conc: 51.60 ng/ml



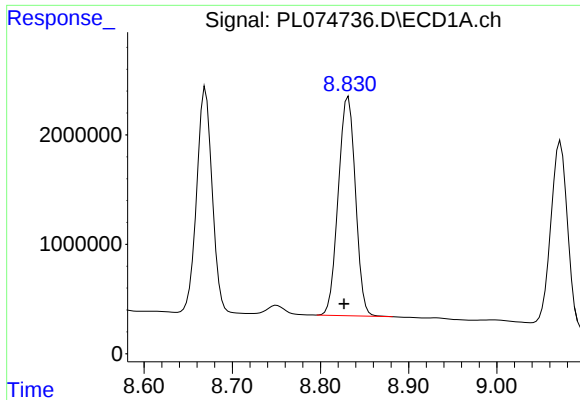
#12 4,4'-DDE

R.T.: 8.670 min
Delta R.T.: 0.004 min
Response: 24829177
Conc: 53.63 ng/ml



#12 4,4'-DDE

R.T.: 7.645 min
Delta R.T.: 0.000 min
Response: 61566161
Conc: 52.32 ng/ml



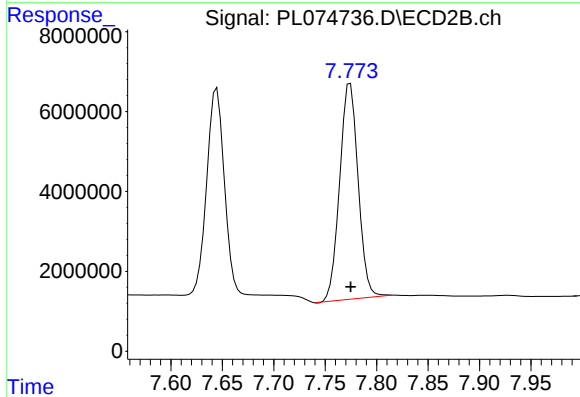
#13 Dieldrin

R.T.: 8.832 min
Delta R.T.: 0.005 min
Response: 27063584
Conc: 51.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

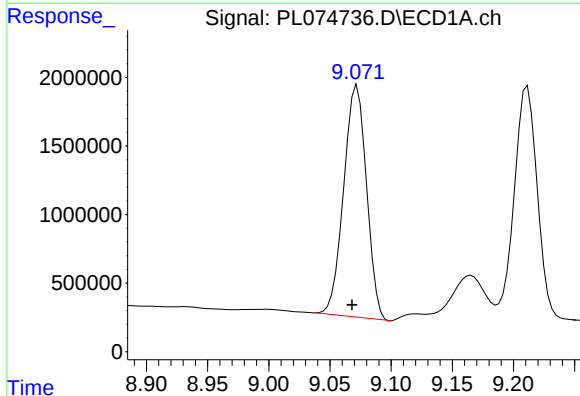
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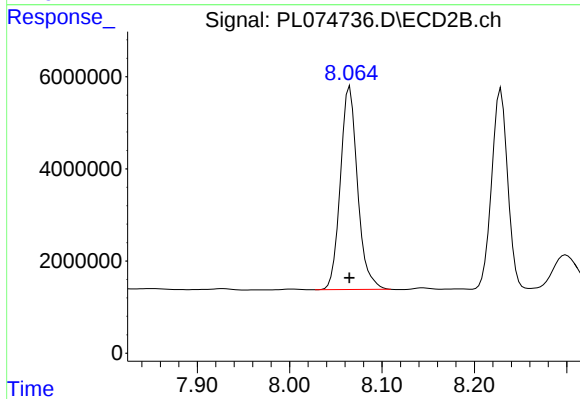
#13 Dieldrin

R.T.: 7.774 min
Delta R.T.: 0.000 min
Response: 67700772
Conc: 53.14 ng/ml



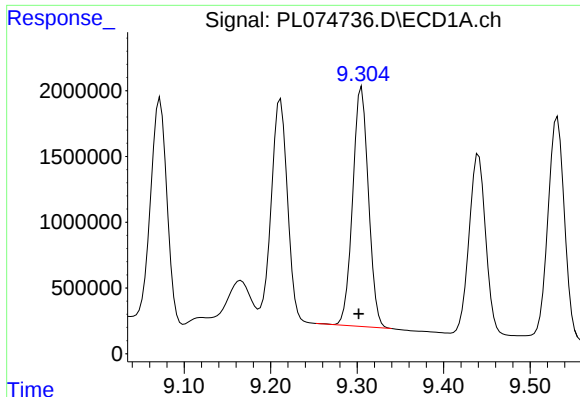
#14 Endrin

R.T.: 9.072 min
Delta R.T.: 0.004 min
Response: 21965750
Conc: 53.23 ng/ml



#14 Endrin

R.T.: 8.065 min
Delta R.T.: 0.000 min
Response: 56979817
Conc: 53.94 ng/ml



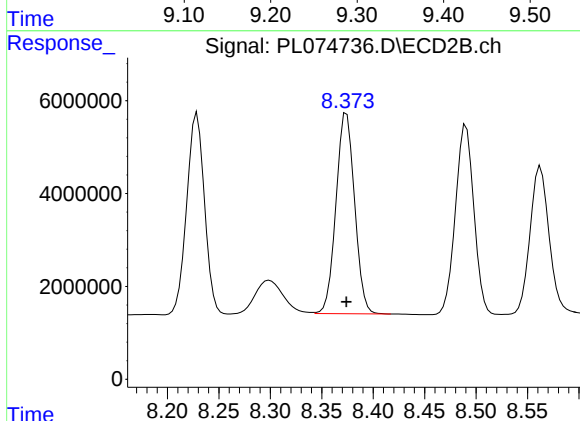
#15 Endosulfan II

R.T.: 9.305 min
Delta R.T.: 0.003 min
Response: 22990327
Conc: 52.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

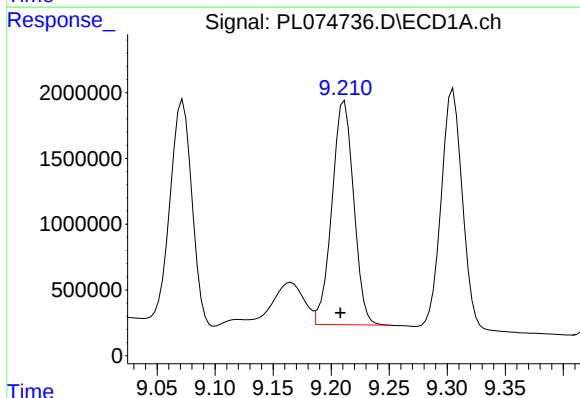
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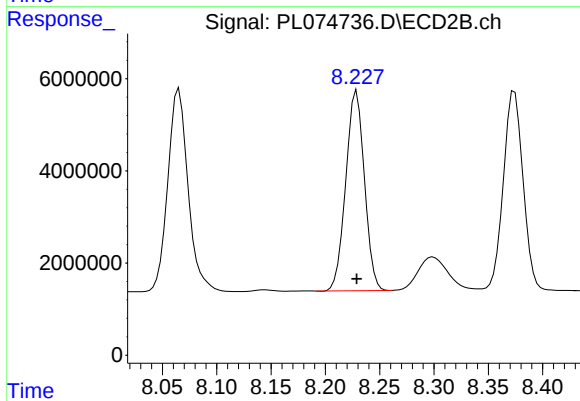
#15 Endosulfan II

R.T.: 8.374 min
Delta R.T.: 0.000 min
Response: 54432535
Conc: 48.19 ng/ml



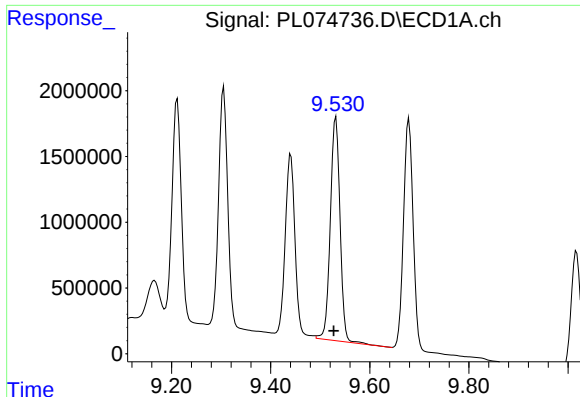
#16 4,4'-DDD

R.T.: 9.211 min
Delta R.T.: 0.004 min
Response: 22289963
Conc: 49.30 ng/ml



#16 4,4'-DDD

R.T.: 8.229 min
Delta R.T.: 0.000 min
Response: 51946677
Conc: 52.73 ng/ml



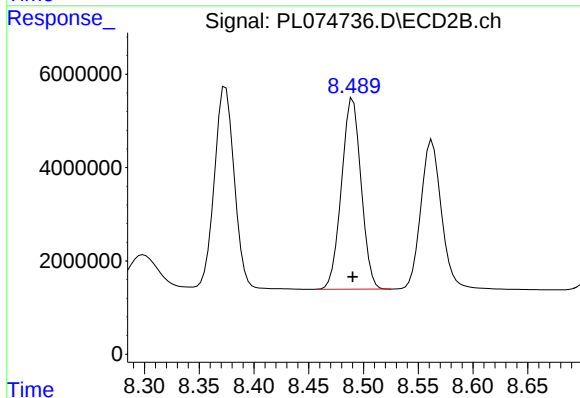
#17 4,4'-DDT

R.T.: 9.532 min
Delta R.T.: 0.004 min
Response: 23215340
Conc: 50.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

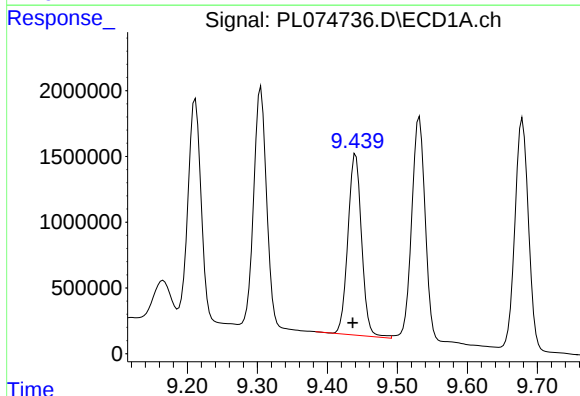
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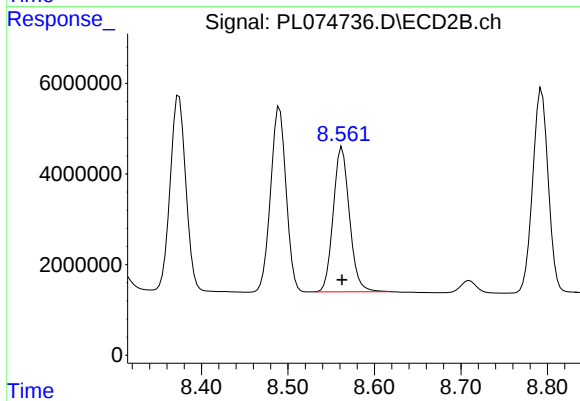
#17 4,4'-DDT

R.T.: 8.490 min
Delta R.T.: 0.000 min
Response: 50992436
Conc: 50.97 ng/ml



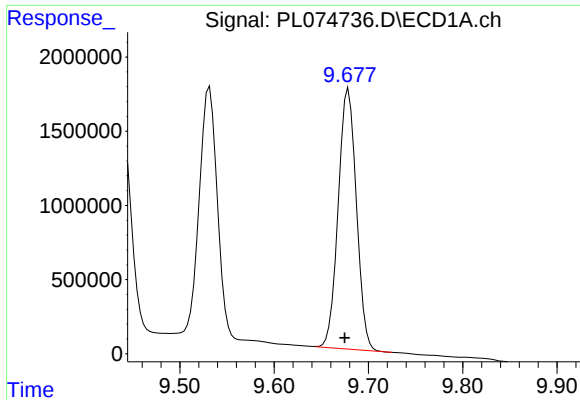
#18 Endrin aldehyde

R.T.: 9.440 min
Delta R.T.: 0.004 min
Response: 18746380
Conc: 52.97 ng/ml



#18 Endrin aldehyde

R.T.: 8.563 min
Delta R.T.: 0.000 min
Response: 41509589
Conc: 51.97 ng/ml



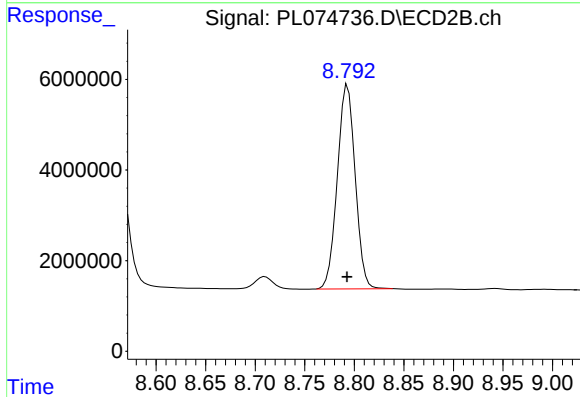
#19 Endosulfan Sulfate

R.T.: 9.679 min
Delta R.T.: 0.004 min
Response: 23404732
Conc: 51.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

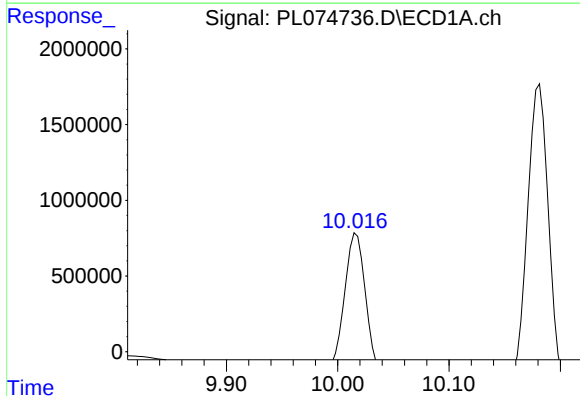
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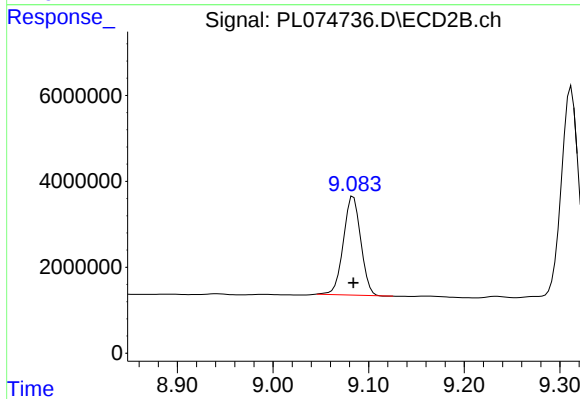
#19 Endosulfan Sulfate

R.T.: 8.793 min
Delta R.T.: 0.000 min
Response: 56467820
Conc: 51.87 ng/ml



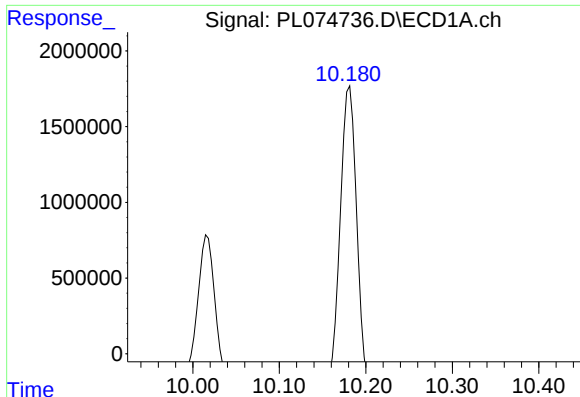
#20 Methoxychlor

R.T.: 10.017 min
Delta R.T.: 0.004 min
Response: 12380133
Conc: 50.55 ng/ml



#20 Methoxychlor

R.T.: 9.084 min
Delta R.T.: 0.000 min
Response: 29084340
Conc: 49.77 ng/ml



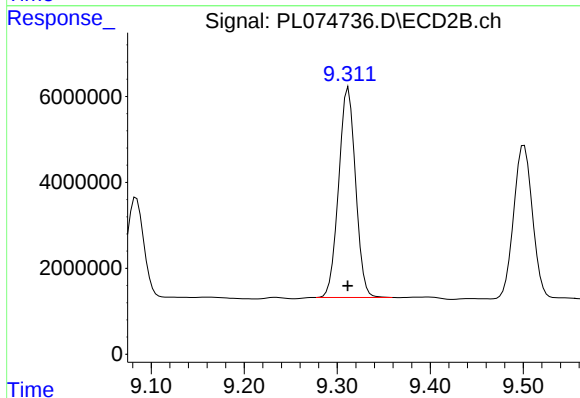
#21 Endrin ketone

R.T.: 10.181 min
Delta R.T.: 0.004 min
Response: 26725441
Conc: 52.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

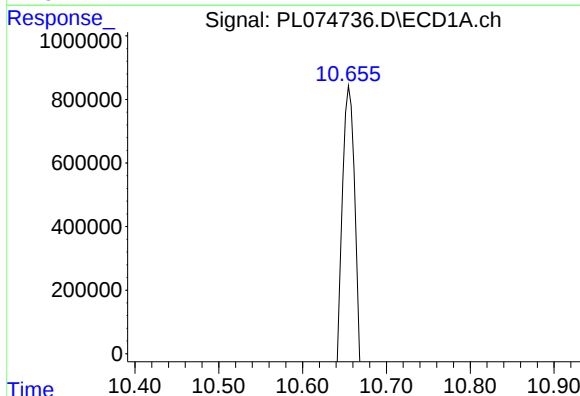
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/17/2022
Supervised By :mohammad ahmed 05/17/2022



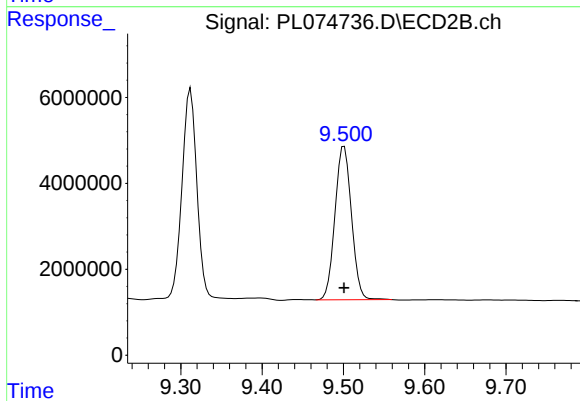
#21 Endrin ketone

R.T.: 9.312 min
Delta R.T.: 0.000 min
Response: 61634183
Conc: 55.28 ng/ml



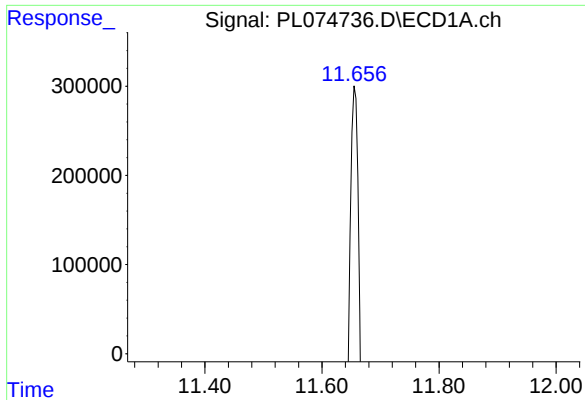
#22 Mirex

R.T.: 10.656 min
Delta R.T.: 0.005 min
Response: 21132780
Conc: 52.37 ng/ml



#22 Mirex

R.T.: 9.501 min
Delta R.T.: 0.000 min
Response: 50406007
Conc: 52.04 ng/ml



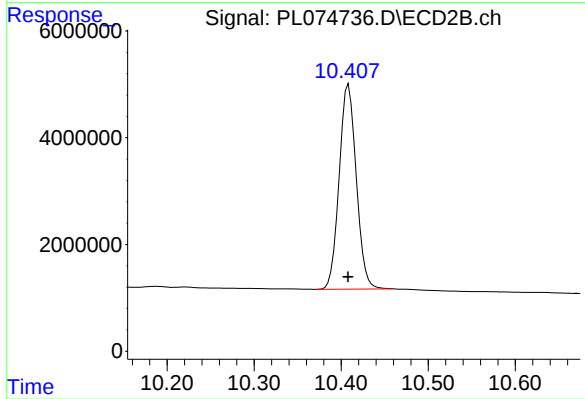
#28 Decachlorobiphenyl

R.T.: 11.657 min
Delta R.T.: 0.006 min
Response: 23103326
Conc: 51.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 10.409 min
Delta R.T.: 0.000 min
Response: 52347694
Conc: 51.00 ng/ml