

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050522\
 Data File : PL074547.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 May 2022 13:58
 Operator : AR\AJ
 Sample : PB144600BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB144600BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/06/2022
 Supervised By :mohammad ahmed 05/06/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 06 01:56:51 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL040822.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 14 09:29:23 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...	4.634	5.488	6567629	35628521	20.326	19.983
28)	SA Decachlor...	10.404	11.332	11269934	38478632	21.672	21.785
Target Compounds							
2)	A alpha-BHC	5.342	6.051	21665786	127.7E6	51.627	50.724
3)	MA gamma-BHC...	5.765	6.440	21536158	118.7E6	51.350	50.134
4)	MA Heptachlor	6.175	7.100	23441199	128.2E6	52.039	49.154
5)	MB Aldrin	6.500	7.468	22494624	125.1E6	54.197	53.259
6)	B beta-BHC	6.146	6.677	10234260	52737734	50.088	46.794
7)	B delta-BHC	6.407	6.945	21879096	121.1E6	52.890	49.569
8)	B Heptachlo...	7.077	7.924	22495303	114.7E6	52.444	50.960
9)	A Endosulfan I	7.480	8.325	21403500	100.8E6	52.188	51.185
10)	B gamma-Chl...	7.354	8.192	23109838	112.7E6	52.691	50.537
11)	B alpha-Chl...	7.425	8.275	23277012	110.3E6	52.690	51.222
12)	B 4,4'-DDE	7.638	8.460	19239091	105.8E6	52.736	53.137
13)	MA Dieldrin	7.766	8.610	22082370	107.5E6	51.406	53.591
14)	MA Endrin	8.058	8.844	21914764	89993149	53.946	53.135
15)	B Endosulfa...	8.368	9.068	21985712	90781487	53.343	52.256
16)	A 4,4'-DDD	8.223	8.986	17290956	81775122	53.545	53.149m
17)	MA 4,4'-DDT	8.485	9.306	18124979	82981568	49.034	46.812
18)	B Endrin al...	8.557	9.201	18280076	74152376	56.498	57.410
19)	B Endosulfa...	8.787	9.439	21746593	84906048	50.926	51.015
20)	A Methoxychlor	9.080	9.786	11562836	45521757	46.574	47.327
21)	B Endrin ke...	9.305	9.927	25690658	91512733	52.585m	52.869
22)	Mirex	9.493	10.404	23181618	70131851	49.703	50.916

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050522\
Data File : PL074547.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 May 2022 13:58
Operator : AR\AJ
Sample : PB144600BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

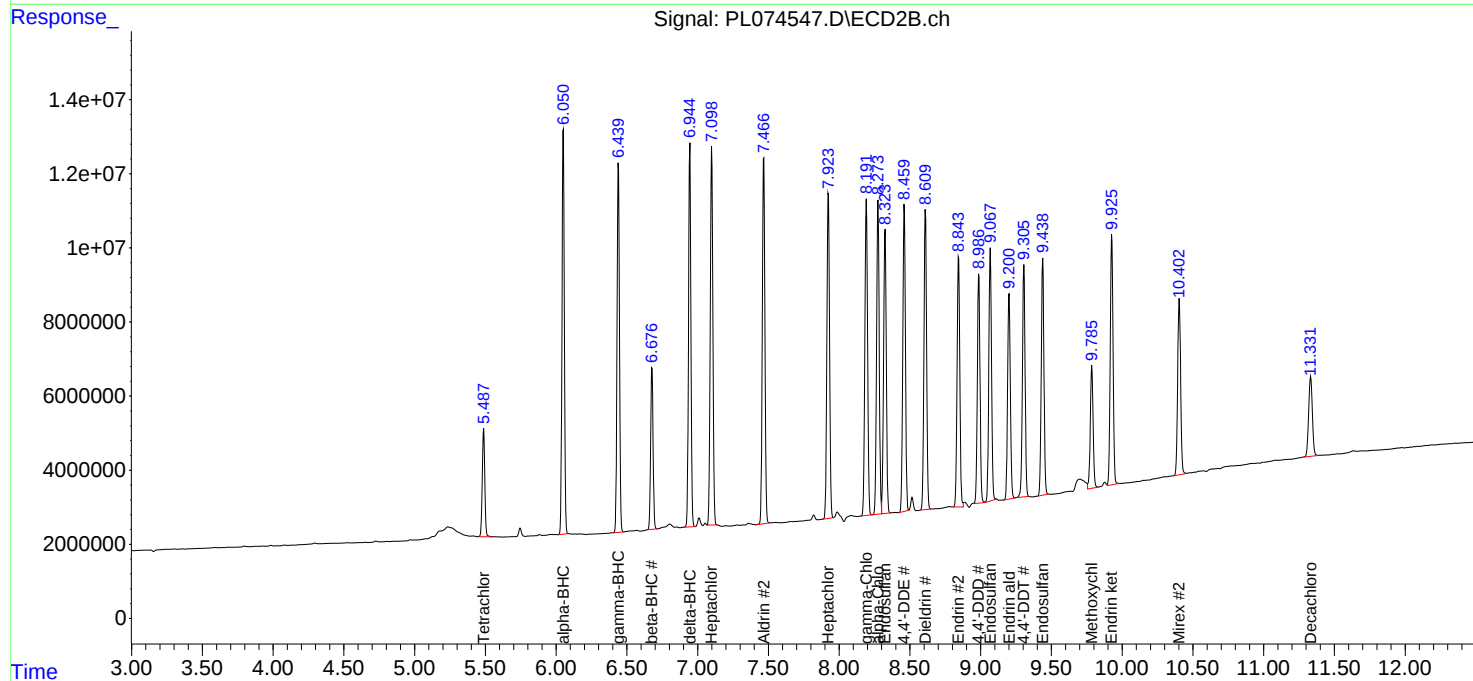
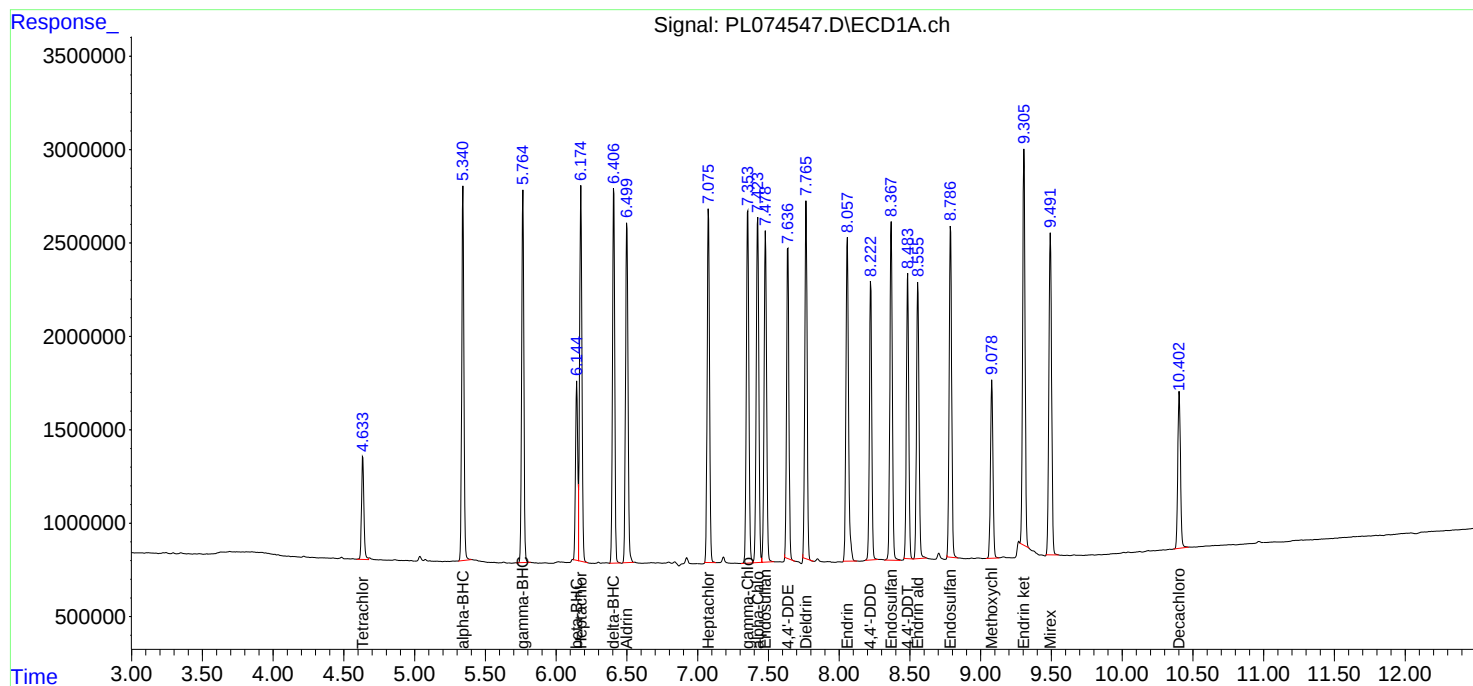
Instrument :
ECD_L
ClientSampleId :
PB144600BS

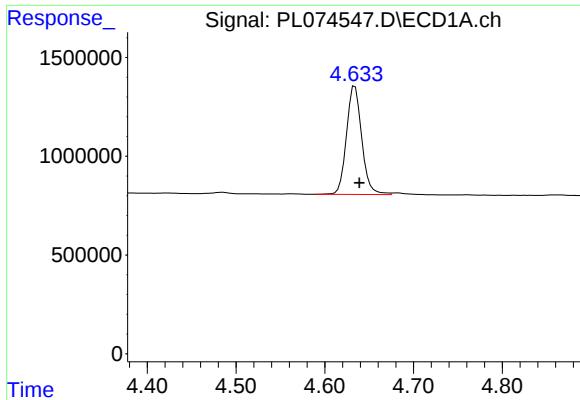
Manual Integrations
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Supervised By :mohammad ahmed 05/06/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 06 01:56:51 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL040822.M
Quant Title : GC Extractables
QLast Update : Thu Apr 14 09:29:23 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.: 4.634 min
Delta R.T.: -0.005 min
Response: 6567629
Conc: 20.33 ng/ml

Instrument :

ECD_L

ClientSampleId :

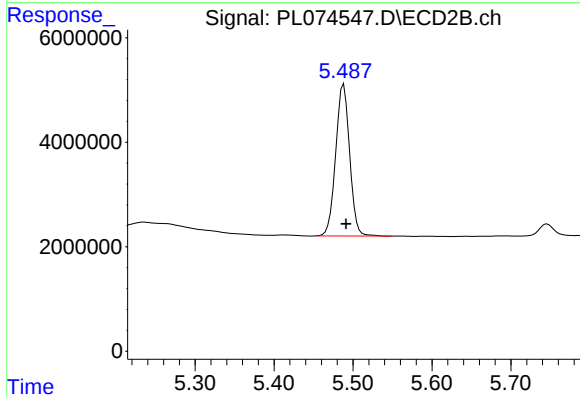
PB144600BS

Manual Integrations

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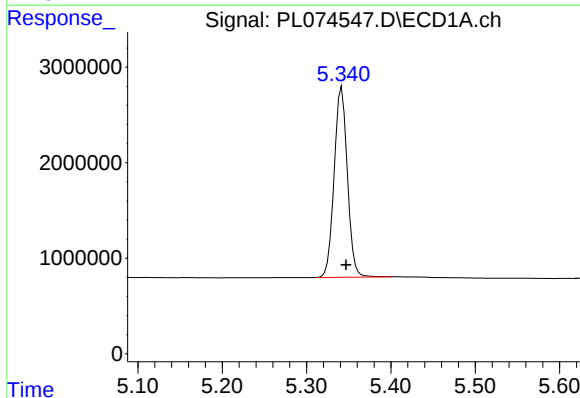
Reviewed By :Abdul Mirza 05/06/2022

Supervised By :mohammad ahmed 05/06/2022



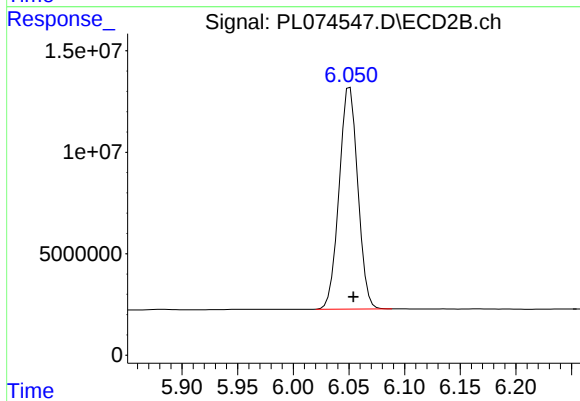
#1 Tetrachloro-m-xylene

R.T.: 5.488 min
Delta R.T.: -0.003 min
Response: 35628521
Conc: 19.98 ng/ml



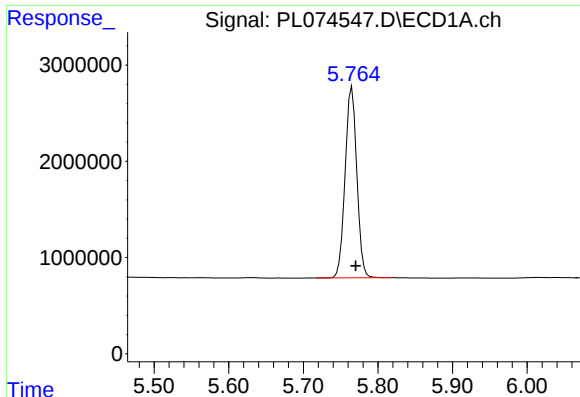
#2 alpha-BHC

R.T.: 5.342 min
Delta R.T.: -0.005 min
Response: 21665786
Conc: 51.63 ng/ml



#2 alpha-BHC

R.T.: 6.051 min
Delta R.T.: -0.003 min
Response: 127726749
Conc: 50.72 ng/ml



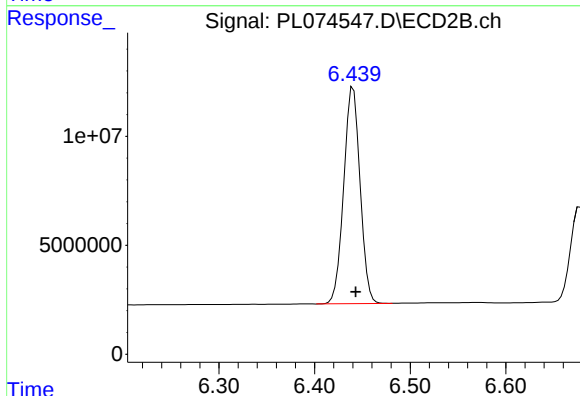
#3 gamma-BHC (Lindane)

R.T.: 5.765 min
Delta R.T.: -0.005 min
Response: 21536158
Conc: 51.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144600BS

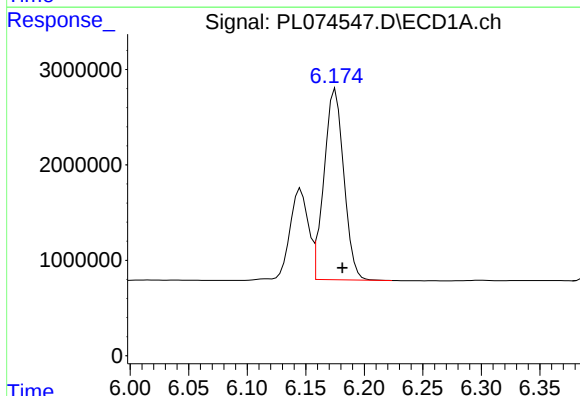
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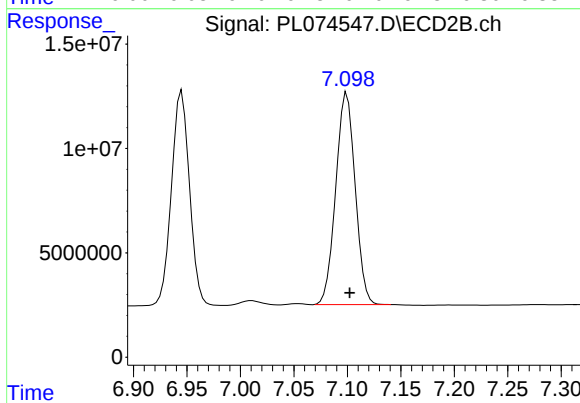
#3 gamma-BHC (Lindane)

R.T.: 6.440 min
Delta R.T.: -0.003 min
Response: 118673454
Conc: 50.13 ng/ml



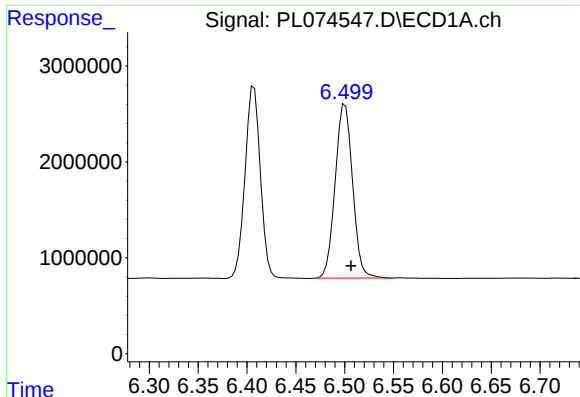
#4 Heptachlor

R.T.: 6.175 min
Delta R.T.: -0.006 min
Response: 23441199
Conc: 52.04 ng/ml



#4 Heptachlor

R.T.: 7.100 min
Delta R.T.: -0.003 min
Response: 128213900
Conc: 49.15 ng/ml



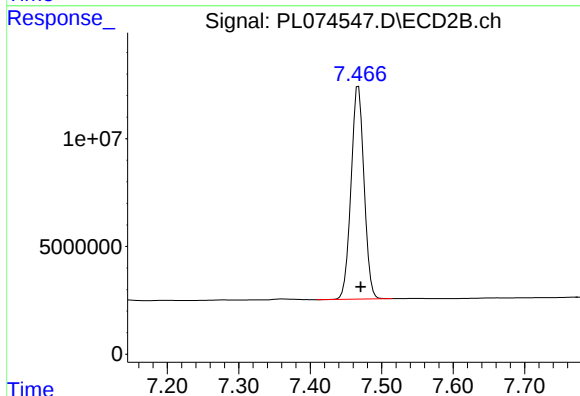
#5 Aldrin

R.T.: 6.500 min
Delta R.T.: -0.006 min
Response: 22494624
Conc: 54.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144600BS

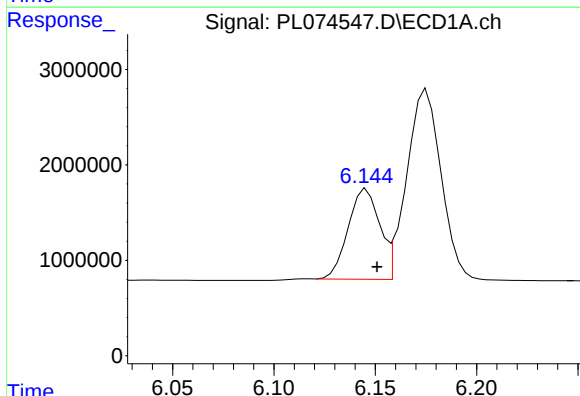
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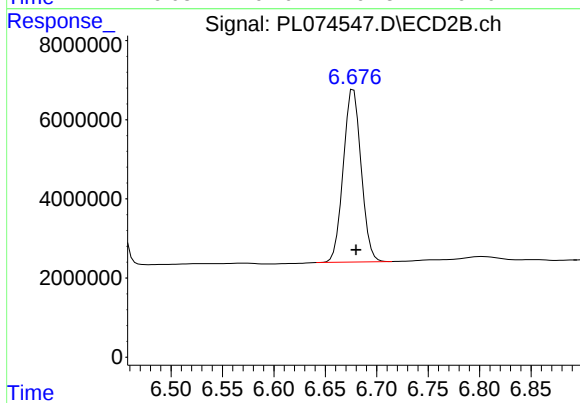
#5 Aldrin

R.T.: 7.468 min
Delta R.T.: -0.003 min
Response: 125083080
Conc: 53.26 ng/ml



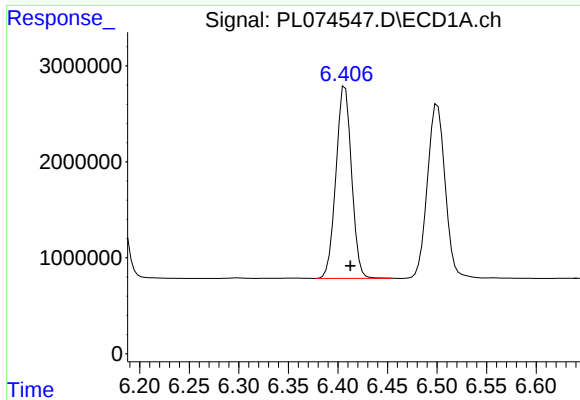
#6 beta-BHC

R.T.: 6.146 min
Delta R.T.: -0.005 min
Response: 10234260
Conc: 50.09 ng/ml



#6 beta-BHC

R.T.: 6.677 min
Delta R.T.: -0.002 min
Response: 52737734
Conc: 46.79 ng/ml



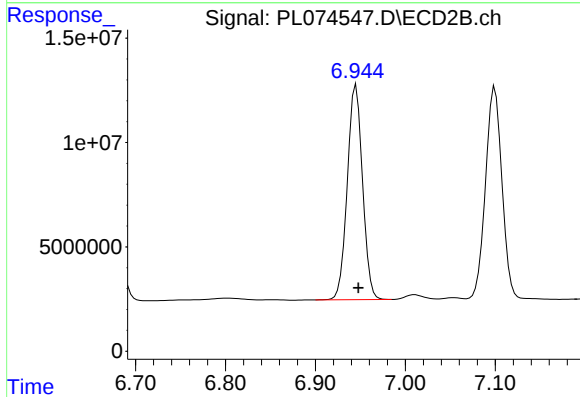
#7 delta-BHC

R.T.: 6.407 min
Delta R.T.: -0.005 min
Response: 21879096
Conc: 52.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144600BS

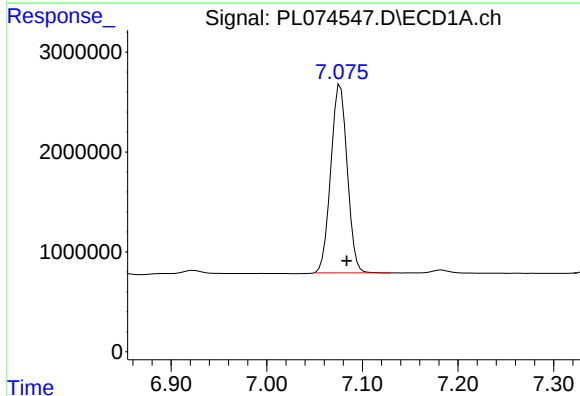
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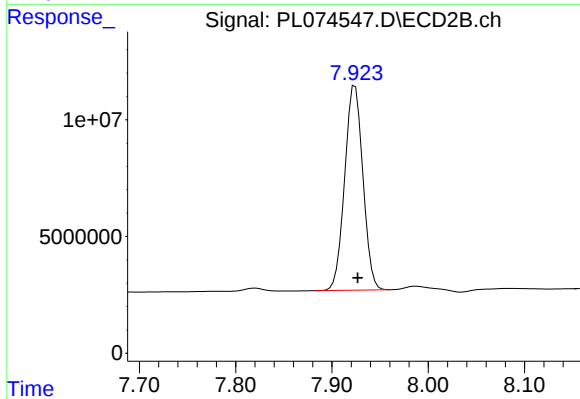
#7 delta-BHC

R.T.: 6.945 min
Delta R.T.: -0.003 min
Response: 121062058
Conc: 49.57 ng/ml



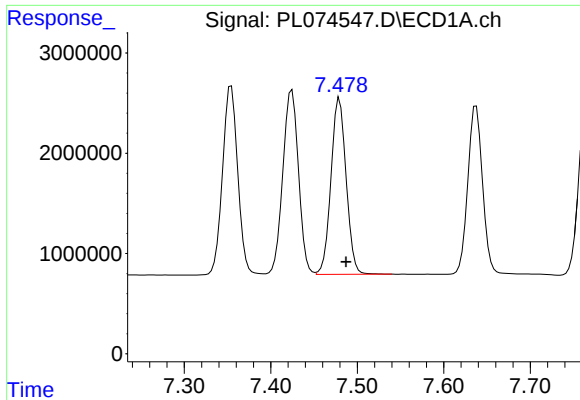
#8 Heptachlor epoxide

R.T.: 7.077 min
Delta R.T.: -0.007 min
Response: 22495303
Conc: 52.44 ng/ml



#8 Heptachlor epoxide

R.T.: 7.924 min
Delta R.T.: -0.003 min
Response: 114739428
Conc: 50.96 ng/ml



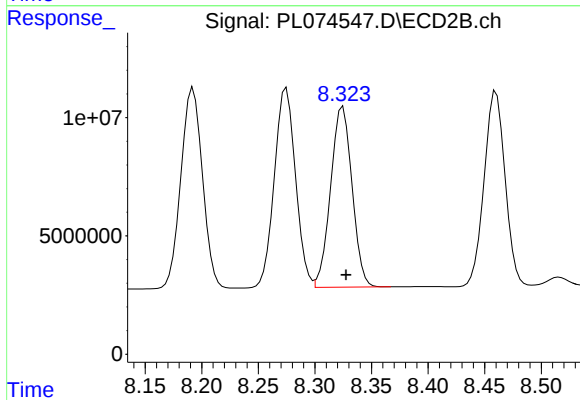
#9 Endosulfan I

R.T.: 7.480 min
Delta R.T.: -0.008 min
Response: 21403500
Conc: 52.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144600BS

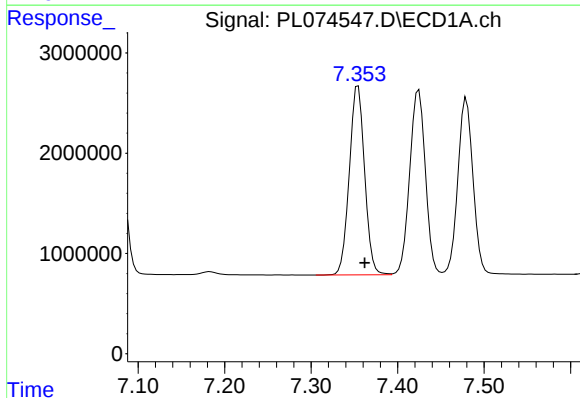
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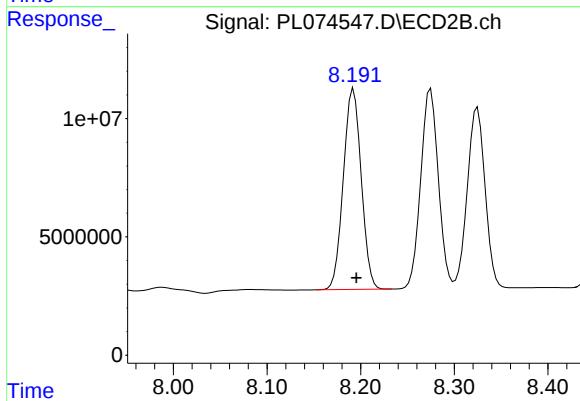
#9 Endosulfan I

R.T.: 8.325 min
Delta R.T.: -0.003 min
Response: 100766803
Conc: 51.19 ng/ml



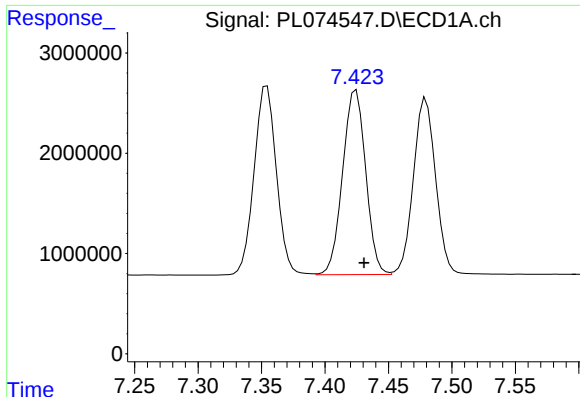
#10 gamma-Chlordane

R.T.: 7.354 min
Delta R.T.: -0.008 min
Response: 23109838
Conc: 52.69 ng/ml



#10 gamma-Chlordane

R.T.: 8.192 min
Delta R.T.: -0.003 min
Response: 112715966
Conc: 50.54 ng/ml



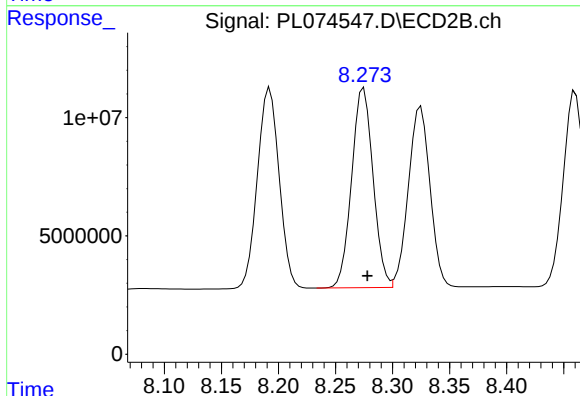
#11 alpha-Chlordane

R.T.: 7.425 min
Delta R.T.: -0.006 min
Response: 23277012
Conc: 52.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144600BS

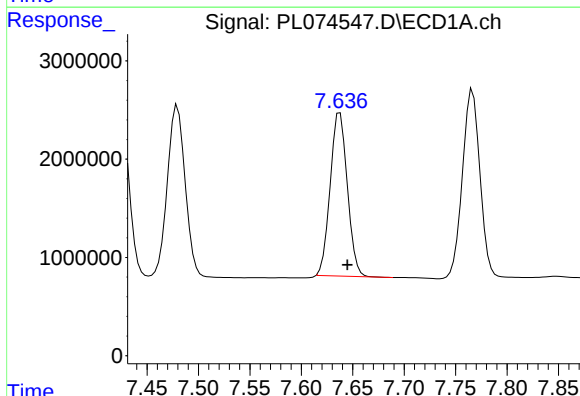
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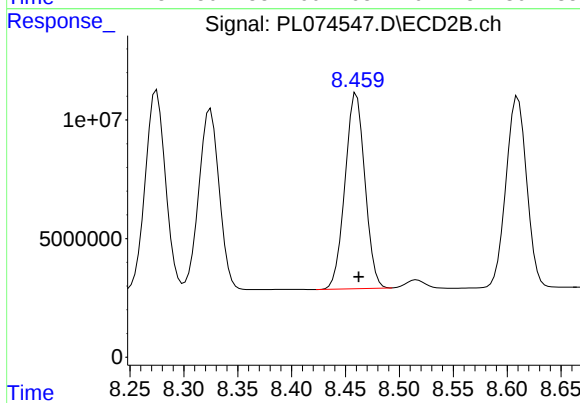
#11 alpha-Chlordane

R.T.: 8.275 min
Delta R.T.: -0.003 min
Response: 110260377
Conc: 51.22 ng/ml



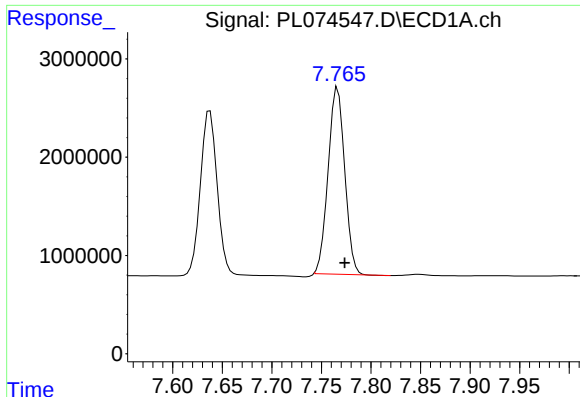
#12 4,4'-DDE

R.T.: 7.638 min
Delta R.T.: -0.007 min
Response: 19239091
Conc: 52.74 ng/ml



#12 4,4'-DDE

R.T.: 8.460 min
Delta R.T.: -0.002 min
Response: 105832724
Conc: 53.14 ng/ml



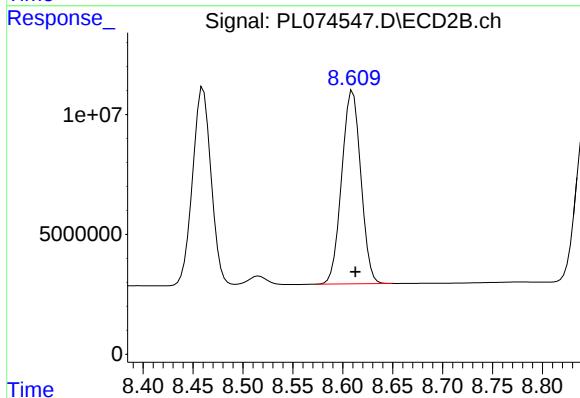
#13 Dieldrin

R.T.: 7.766 min
Delta R.T.: -0.007 min
Response: 22082370
Conc: 51.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144600BS

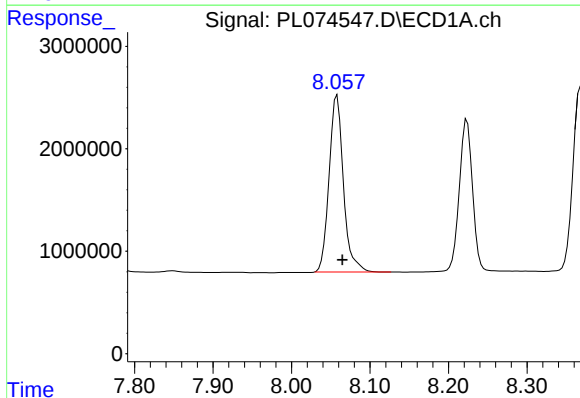
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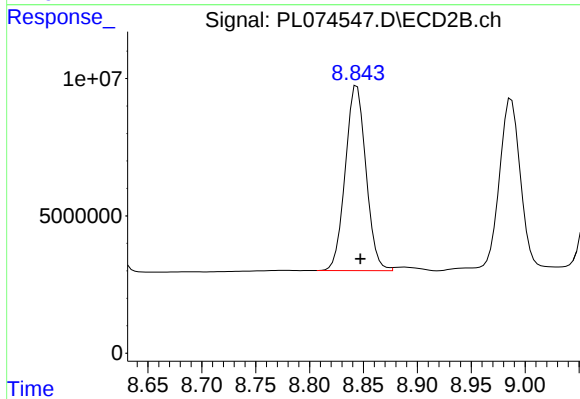
#13 Dieldrin

R.T.: 8.610 min
Delta R.T.: -0.003 min
Response: 107464490
Conc: 53.59 ng/ml



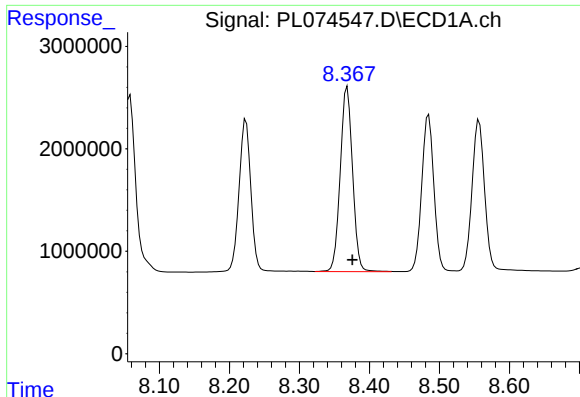
#14 Endrin

R.T.: 8.058 min
Delta R.T.: -0.007 min
Response: 21914764
Conc: 53.95 ng/ml



#14 Endrin

R.T.: 8.844 min
Delta R.T.: -0.003 min
Response: 89993149
Conc: 53.14 ng/ml



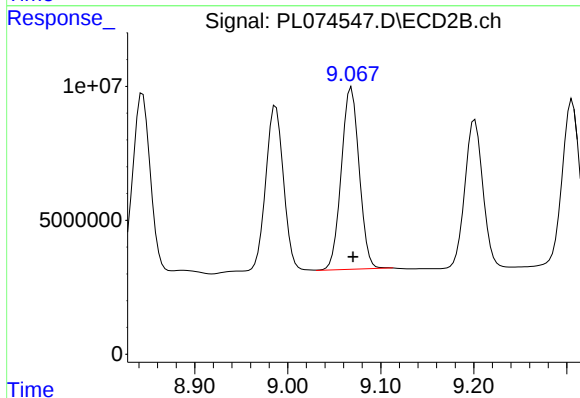
#15 Endosulfan II

R.T.: 8.368 min
Delta R.T.: -0.007 min
Response: 21985712
Conc: 53.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144600BS

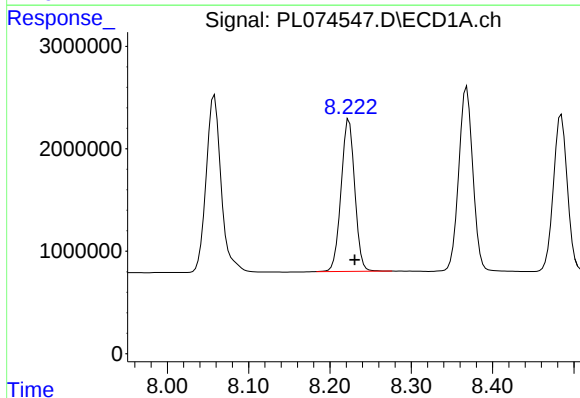
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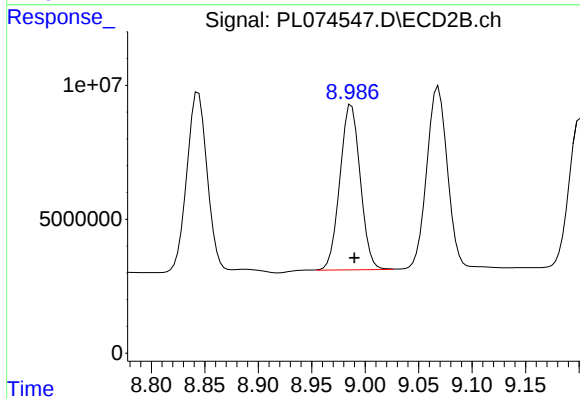
#15 Endosulfan II

R.T.: 9.068 min
Delta R.T.: -0.002 min
Response: 90781487
Conc: 52.26 ng/ml



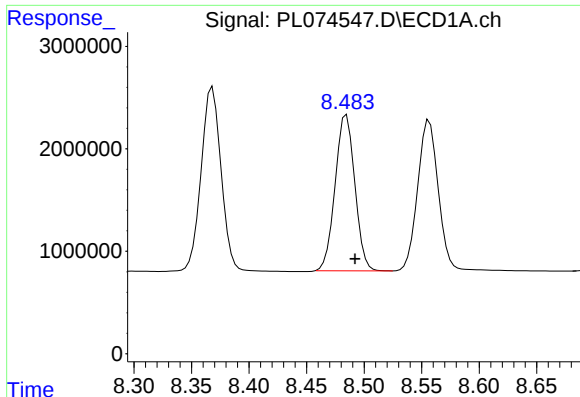
#16 4,4'-DDD

R.T.: 8.223 min
Delta R.T.: -0.007 min
Response: 17290956
Conc: 53.54 ng/ml



#16 4,4'-DDD

R.T.: 8.986 min
Delta R.T.: -0.004 min
Response: 81775122
Conc: 53.15 ng/ml m



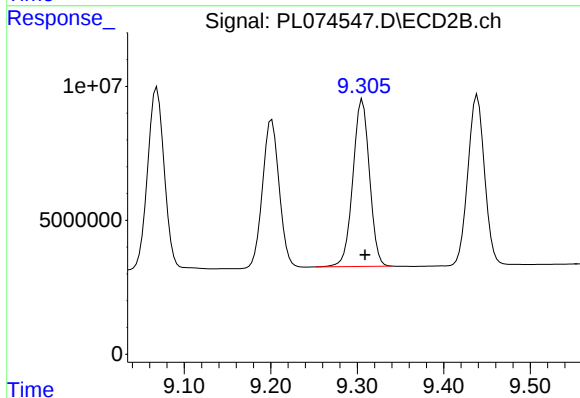
#17 4,4'-DDT

R.T.: 8.485 min
Delta R.T.: -0.007 min
Response: 18124979
Conc: 49.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144600BS

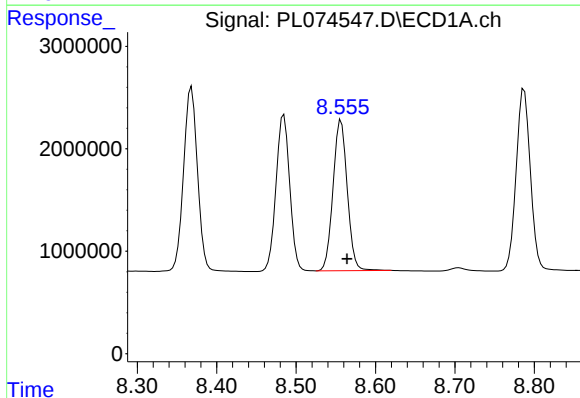
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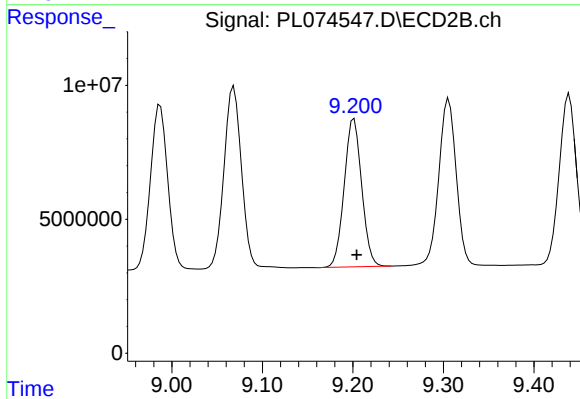
#17 4,4'-DDT

R.T.: 9.306 min
Delta R.T.: -0.003 min
Response: 82981568
Conc: 46.81 ng/ml



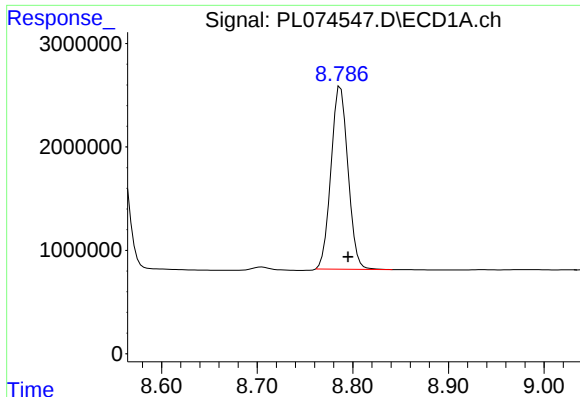
#18 Endrin aldehyde

R.T.: 8.557 min
Delta R.T.: -0.008 min
Response: 18280076
Conc: 56.50 ng/ml



#18 Endrin aldehyde

R.T.: 9.201 min
Delta R.T.: -0.003 min
Response: 74152376
Conc: 57.41 ng/ml



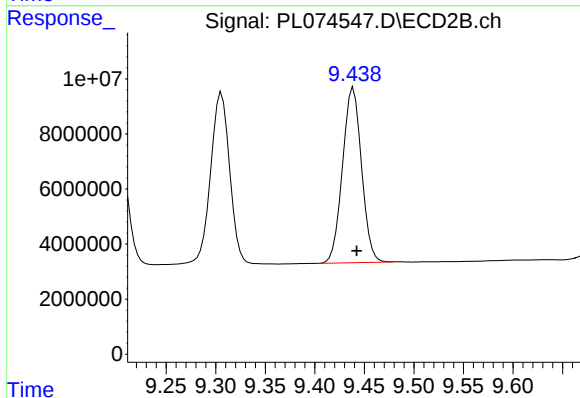
#19 Endosulfan Sulfate

R.T.: 8.787 min
Delta R.T.: -0.008 min
Response: 21746593
Conc: 50.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144600BS

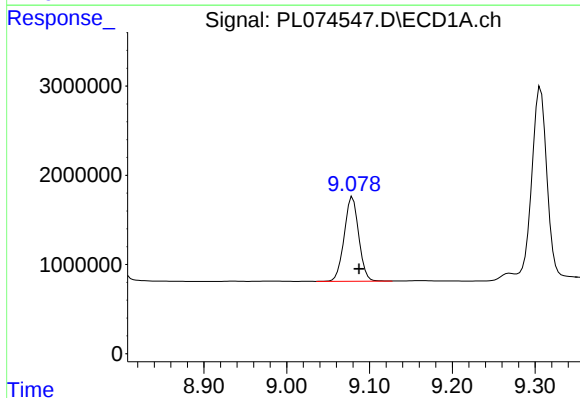
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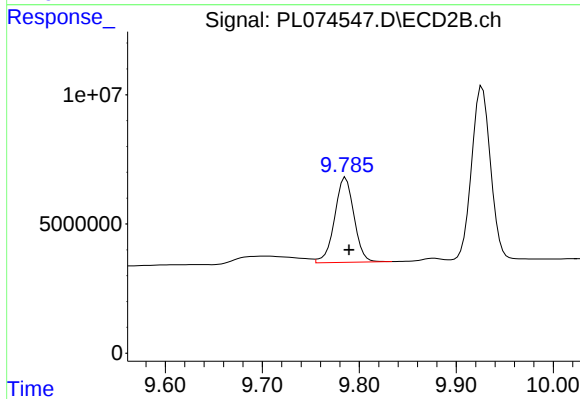
#19 Endosulfan Sulfate

R.T.: 9.439 min
Delta R.T.: -0.003 min
Response: 84906048
Conc: 51.02 ng/ml



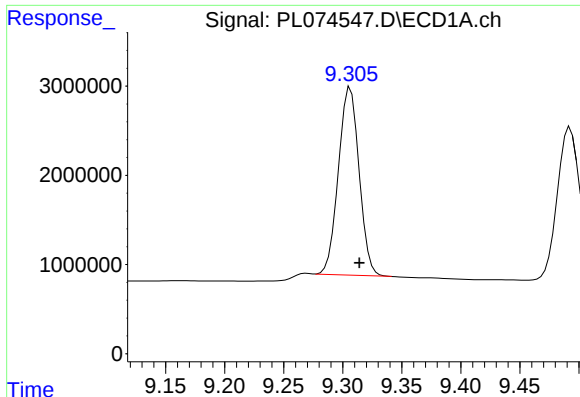
#20 Methoxychlor

R.T.: 9.080 min
Delta R.T.: -0.008 min
Response: 11562836
Conc: 46.57 ng/ml



#20 Methoxychlor

R.T.: 9.786 min
Delta R.T.: -0.003 min
Response: 45521757
Conc: 47.33 ng/ml



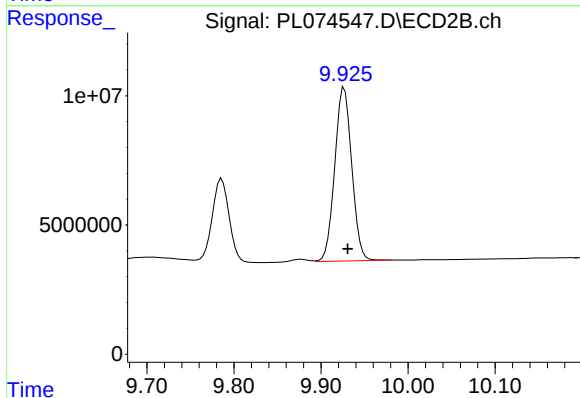
#21 Endrin ketone

R.T.: 9.305 min
Delta R.T.: -0.009 min
Response: 25690658
Conc: 52.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144600BS

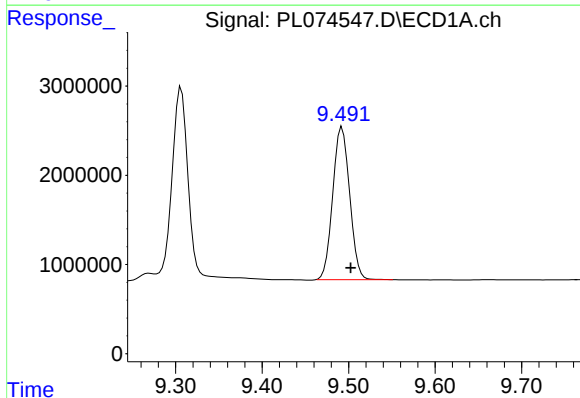
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/06/2022
Supervised By :mohammad ahmed 05/06/2022



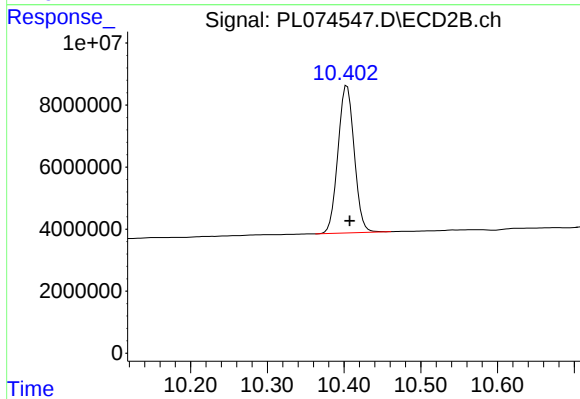
#21 Endrin ketone

R.T.: 9.927 min
Delta R.T.: -0.004 min
Response: 91512733
Conc: 52.87 ng/ml



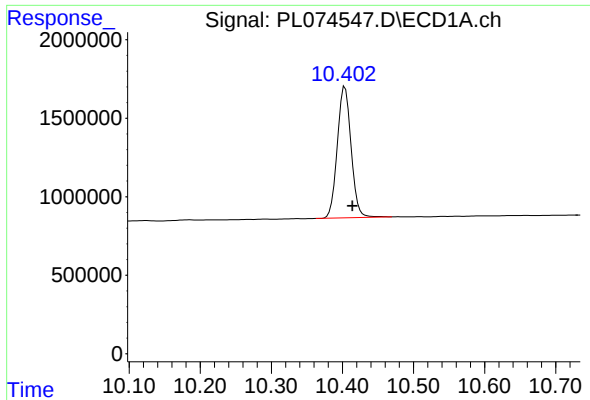
#22 Mirex

R.T.: 9.493 min
Delta R.T.: -0.010 min
Response: 23181618
Conc: 49.70 ng/ml



#22 Mirex

R.T.: 10.404 min
Delta R.T.: -0.004 min
Response: 70131851
Conc: 50.92 ng/ml



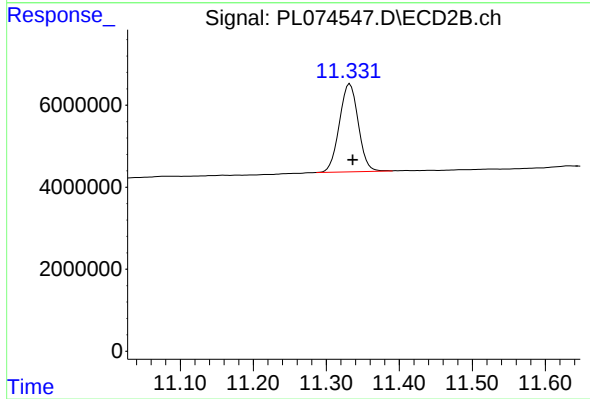
#28 Decachlorobiphenyl

R.T.: 10.404 min
Delta R.T.: -0.010 min
Response: 11269934
Conc: 21.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144600BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/06/2022
Supervised By :mohammad ahmed 05/06/2022



#28 Decachlorobiphenyl

R.T.: 11.332 min
Delta R.T.: -0.004 min
Response: 38478632
Conc: 21.78 ng/ml