

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042522\
 Data File : PL074350.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Apr 2022 19:24
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/26/2022
 Supervised By : mohammad ahmed 04/26/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 26 02:06:27 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	5.489	18656903	100.9E6	57.742	56.613
28)	SA Decachlor...	10.402	11.332	28196771	102.1E6	54.221m	57.795
Target Compounds							
2)	A alpha-BHC	5.342	6.052	23850953	148.1E6	56.834	58.796
3)	MA gamma-BHC...	5.765	6.441	23407503	138.3E6	55.812	58.429
4)	MA Heptachlor	6.176	7.100	23870426	142.1E6	52.991	54.485
5)	MB Aldrin	6.500	7.468	22735719	137.8E6	54.778	58.655
6)	B beta-BHC	6.146	6.678	11789143	63710919	57.697	56.530
7)	B delta-BHC	6.407	6.946	23562826	140.2E6	56.960	57.393
8)	B Heptachlo...	7.077	7.924	23519385	128.5E6	54.832	57.075
9)	A Endosulfan I	7.480	8.325	22797124	117.9E6	55.586	59.911
10)	B gamma-Chl...	7.355	8.193	24187272	129.7E6	55.148	58.160
11)	B alpha-Chl...	7.424	8.275	24263030	126.7E6	54.922	58.842
12)	B 4,4'-DDE	7.637	8.460	20651527	122.1E6	56.608m	61.312
13)	MA Dieldrin	7.765	8.610	23153595	119.5E6	53.899m	59.595
14)	MA Endrin	8.057	8.845	21630936	100.9E6	53.247	59.581
15)	B Endosulfa...	8.368	9.069	21780888	96956288	52.846	55.811
16)	A 4,4'-DDD	8.223	8.986	18370981	94589951	56.889	61.478m
17)	MA 4,4'-DDT	8.485	9.306	18419902	93557978	49.832	52.778
18)	B Endrin al...	8.557	9.202	16960953	73439788	52.421	56.859
19)	B Endosulfa...	8.787	9.439	23198215	97513991	54.326m	58.591
20)	A Methoxychlor	9.079	9.787	11751289	46474807	47.333	48.318
21)	B Endrin ke...	9.305	9.927	27725528	104.4E6	56.750m	60.288
22)	Mirex	9.493	10.404	25062924	78169592	53.737	56.751

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

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 Acq On : 25 Apr 2022 19:24
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

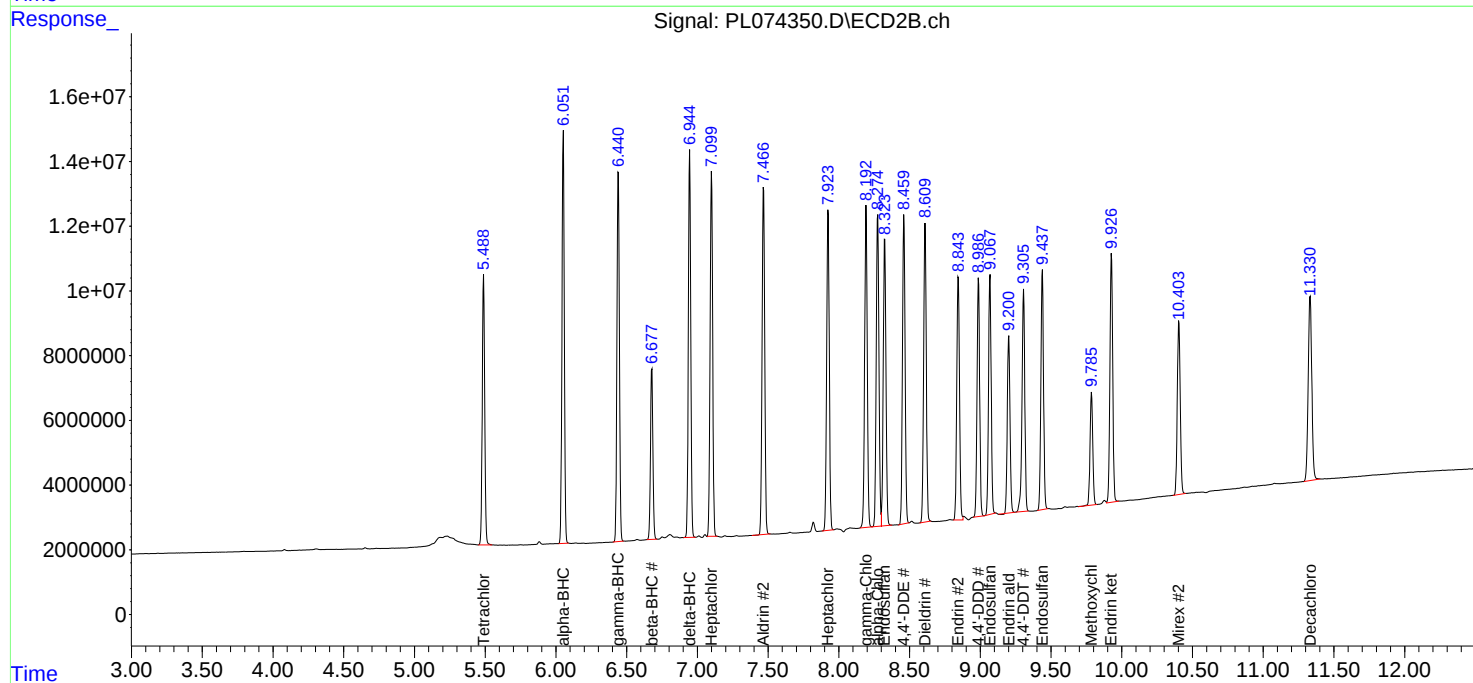
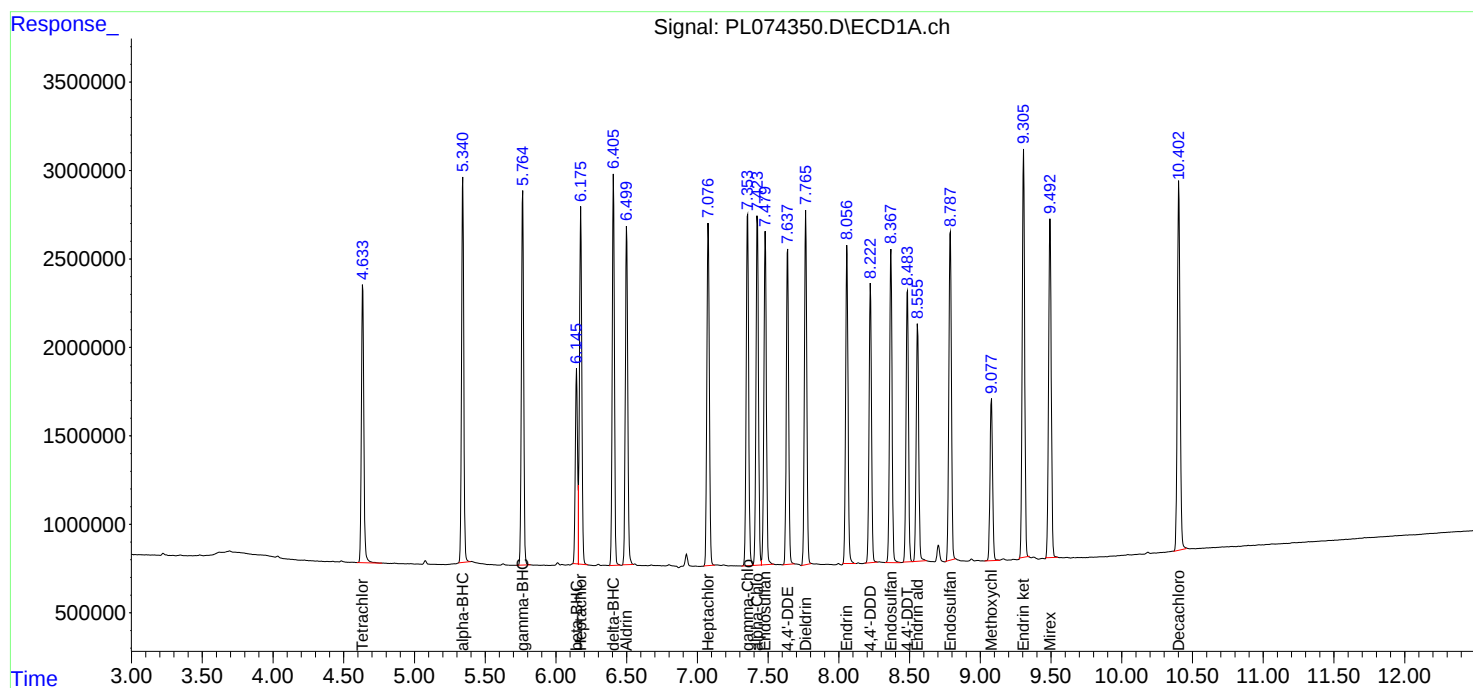
Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

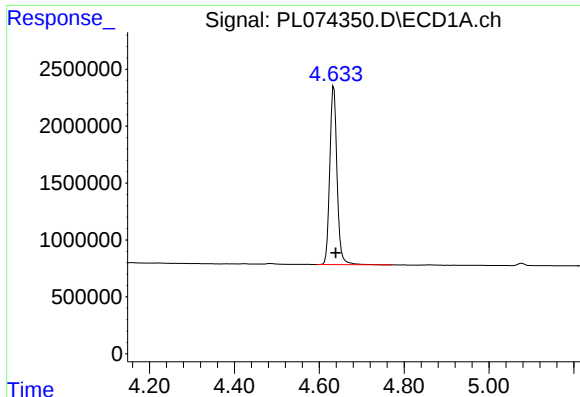
Manual Integrations APPROVED

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 Supervised By :mohammad ahmed 04/26/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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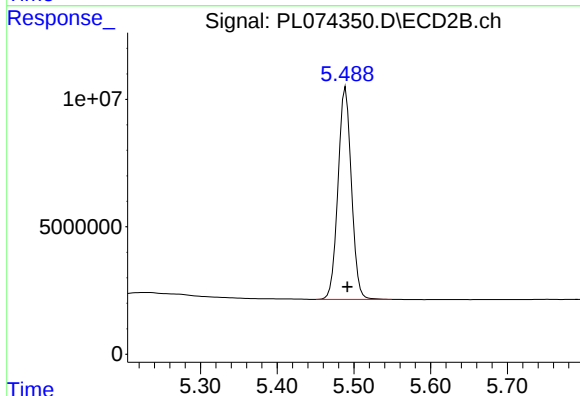
#1 Tetrachloro-m-xylene

R.T.: 4.634 min
Delta R.T.: -0.005 min
Response: 18656903
Conc: 57.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

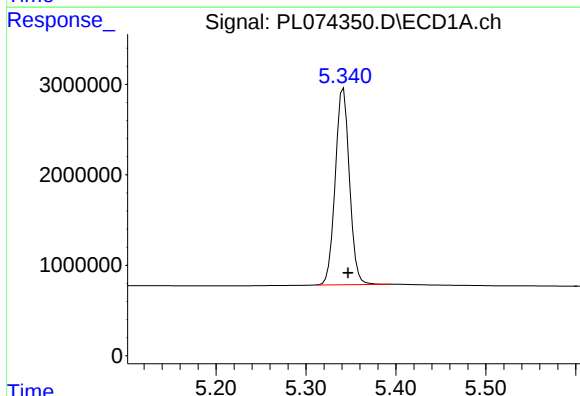
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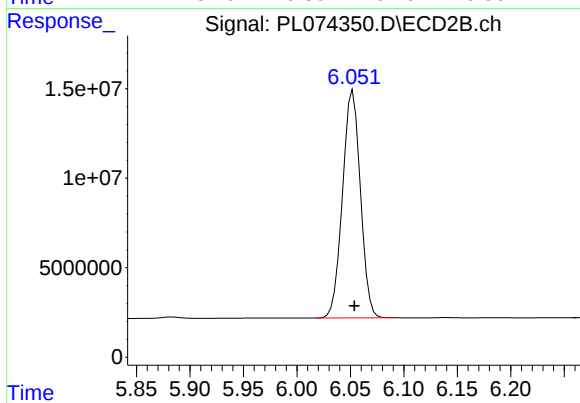
#1 Tetrachloro-m-xylene

R.T.: 5.489 min
Delta R.T.: -0.002 min
Response: 100939946
Conc: 56.61 ng/ml



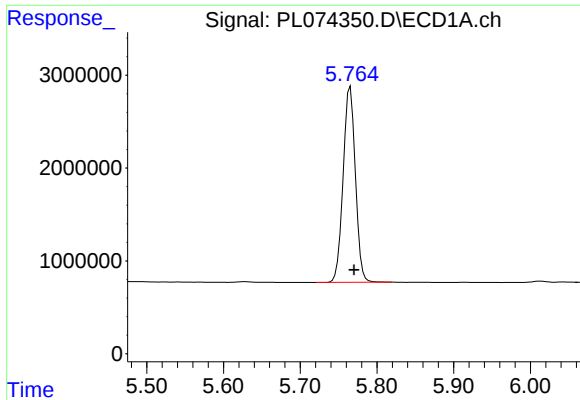
#2 alpha-BHC

R.T.: 5.342 min
Delta R.T.: -0.005 min
Response: 23850953
Conc: 56.83 ng/ml



#2 alpha-BHC

R.T.: 6.052 min
Delta R.T.: -0.001 min
Response: 148054688
Conc: 58.80 ng/ml



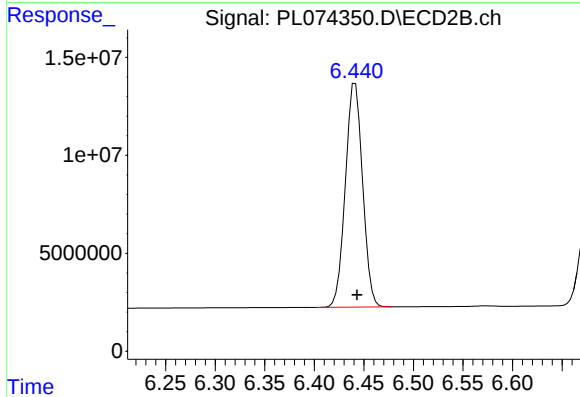
#3 gamma-BHC (Lindane)

R.T.: 5.765 min
Delta R.T.: -0.005 min
Response: 23407503
Conc: 55.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

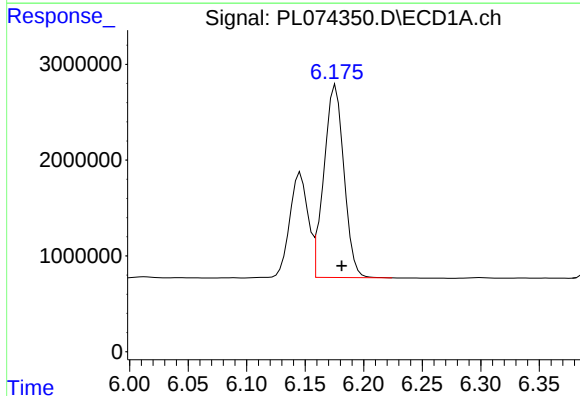
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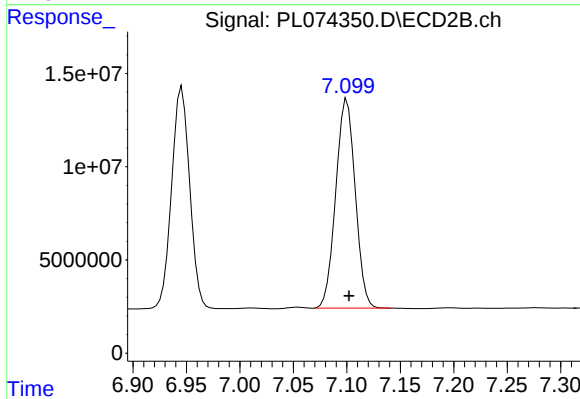
#3 gamma-BHC (Lindane)

R.T.: 6.441 min
Delta R.T.: -0.002 min
Response: 138308311
Conc: 58.43 ng/ml



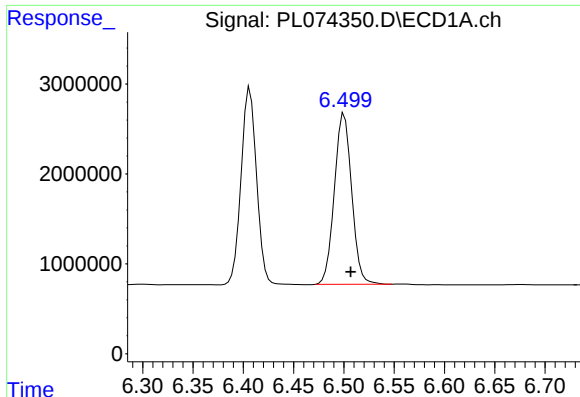
#4 Heptachlor

R.T.: 6.176 min
Delta R.T.: -0.005 min
Response: 23870426
Conc: 52.99 ng/ml



#4 Heptachlor

R.T.: 7.100 min
Delta R.T.: -0.002 min
Response: 142119109
Conc: 54.48 ng/ml



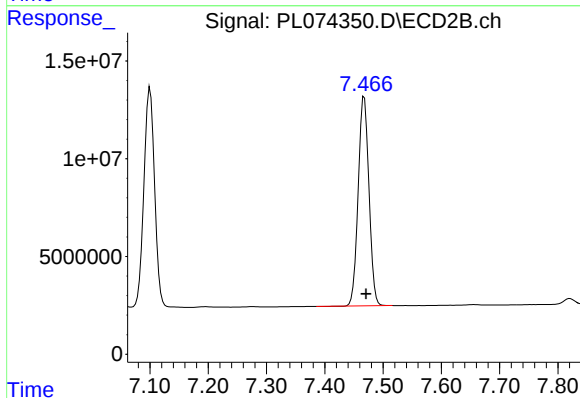
#5 Aldrin

R.T.: 6.500 min
Delta R.T.: -0.006 min
Response: 22735719
Conc: 54.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

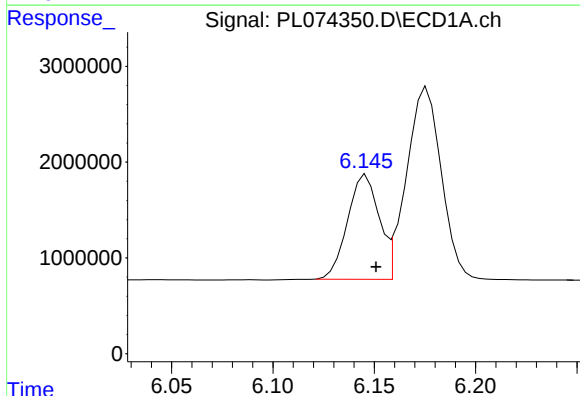
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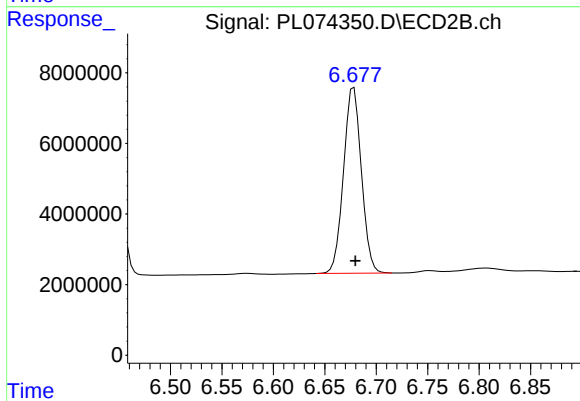
#5 Aldrin

R.T.: 7.468 min
Delta R.T.: -0.003 min
Response: 137758115
Conc: 58.66 ng/ml



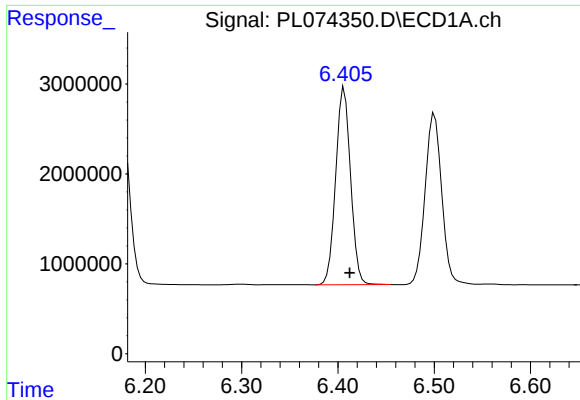
#6 beta-BHC

R.T.: 6.146 min
Delta R.T.: -0.005 min
Response: 11789143
Conc: 57.70 ng/ml



#6 beta-BHC

R.T.: 6.678 min
Delta R.T.: -0.002 min
Response: 63710919
Conc: 56.53 ng/ml



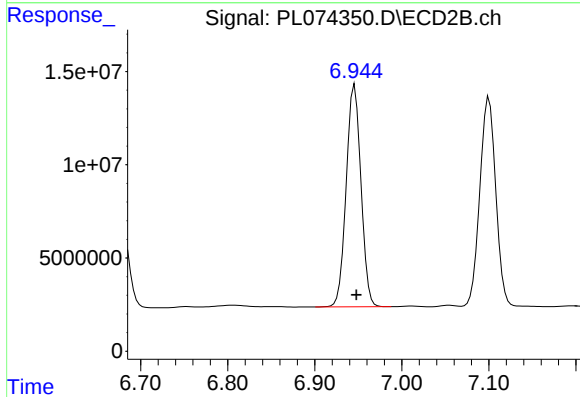
#7 delta-BHC

R.T.: 6.407 min
Delta R.T.: -0.006 min
Response: 23562826
Conc: 56.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

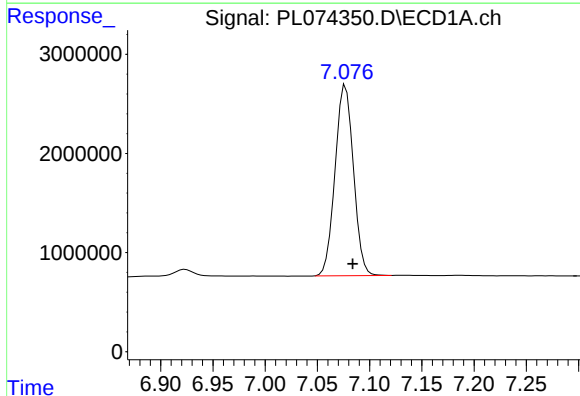
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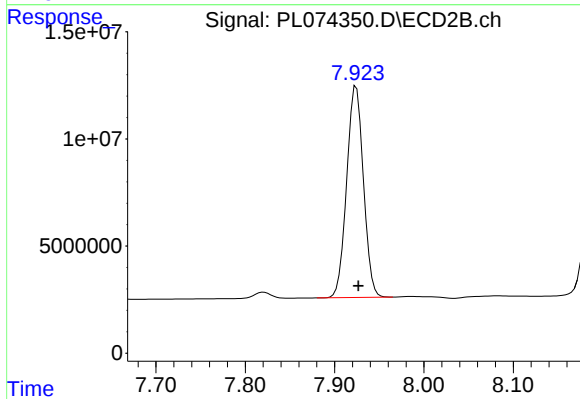
#7 delta-BHC

R.T.: 6.946 min
Delta R.T.: -0.002 min
Response: 140170255
Conc: 57.39 ng/ml



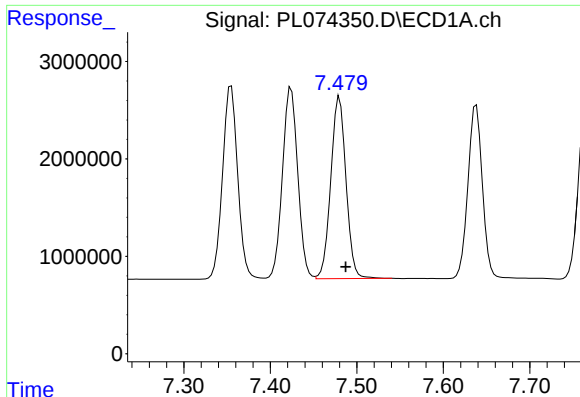
#8 Heptachlor epoxide

R.T.: 7.077 min
Delta R.T.: -0.007 min
Response: 23519385
Conc: 54.83 ng/ml



#8 Heptachlor epoxide

R.T.: 7.924 min
Delta R.T.: -0.003 min
Response: 128507861
Conc: 57.07 ng/ml



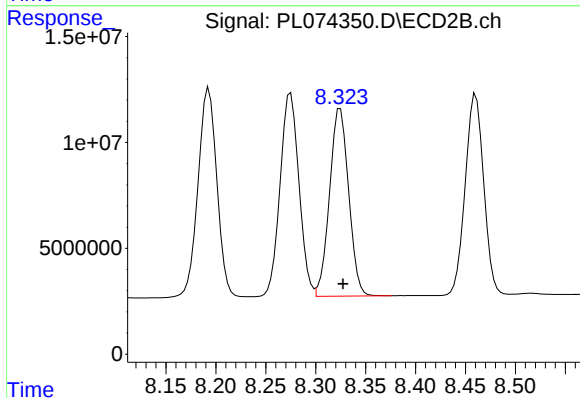
#9 Endosulfan I

R.T.: 7.480 min
Delta R.T.: -0.007 min
Response: 22797124
Conc: 55.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

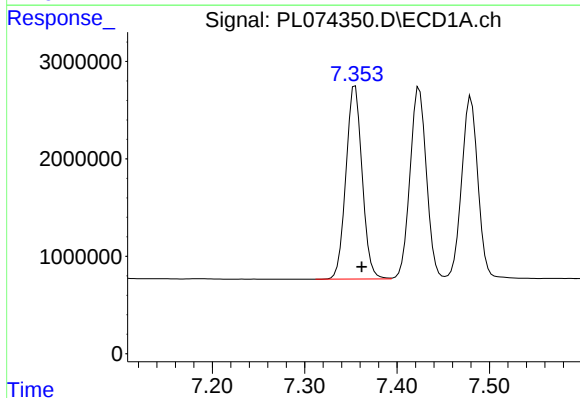
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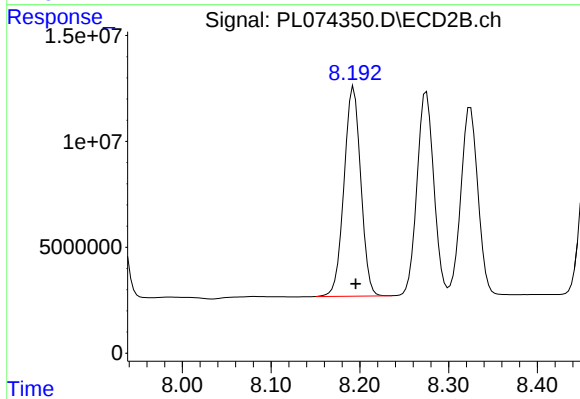
#9 Endosulfan I

R.T.: 8.325 min
Delta R.T.: -0.003 min
Response: 117943830
Conc: 59.91 ng/ml



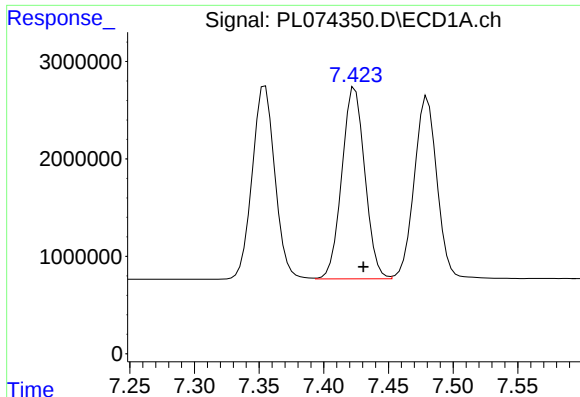
#10 gamma-Chlordane

R.T.: 7.355 min
Delta R.T.: -0.007 min
Response: 24187272
Conc: 55.15 ng/ml



#10 gamma-Chlordane

R.T.: 8.193 min
Delta R.T.: -0.002 min
Response: 129718337
Conc: 58.16 ng/ml



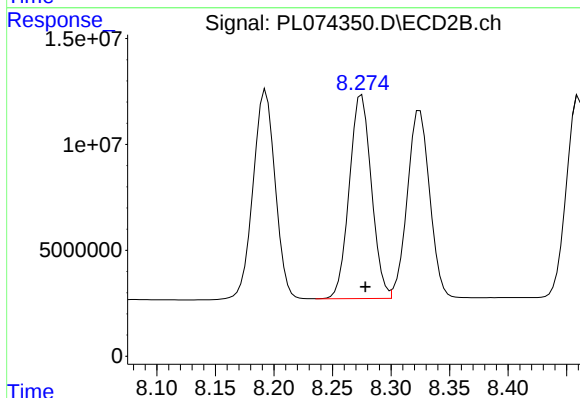
#11 alpha-Chlordane

R.T.: 7.424 min
Delta R.T.: -0.007 min
Response: 24263030
Conc: 54.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

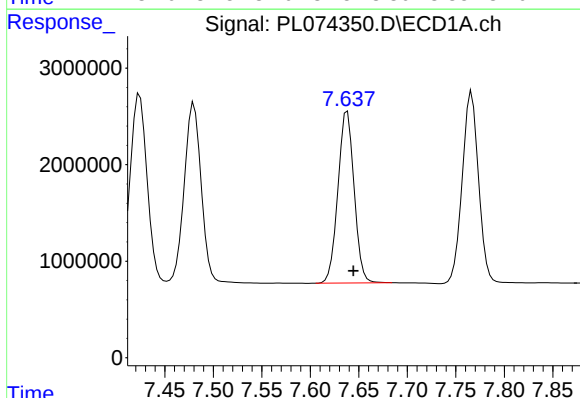
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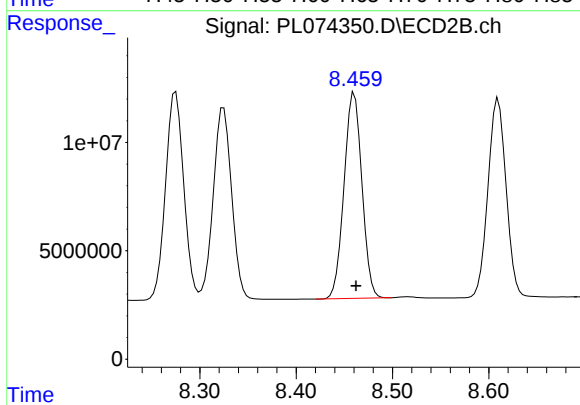
#11 alpha-Chlordane

R.T.: 8.275 min
Delta R.T.: -0.003 min
Response: 126663055
Conc: 58.84 ng/ml



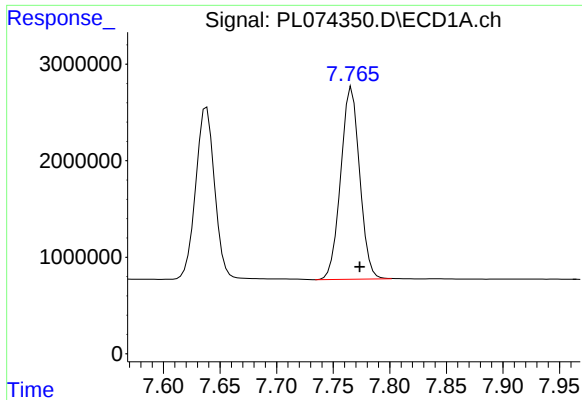
#12 4,4'-DDE

R.T.: 7.637 min
Delta R.T.: -0.008 min
Response: 20651527
Conc: 56.61 ng/ml m



#12 4,4'-DDE

R.T.: 8.460 min
Delta R.T.: -0.002 min
Response: 122115434
Conc: 61.31 ng/ml



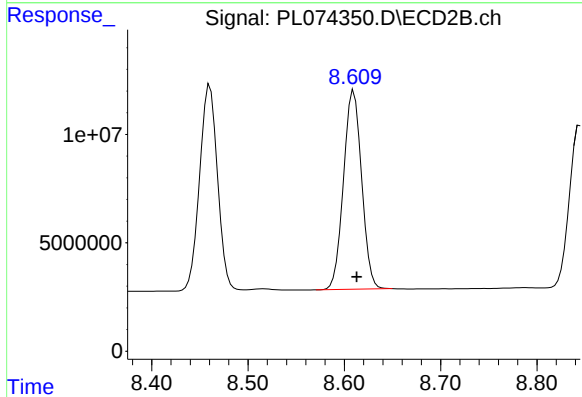
#13 Dieldrin

R.T.: 7.765 min
Delta R.T.: -0.008 min
Response: 23153595
Conc: 53.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

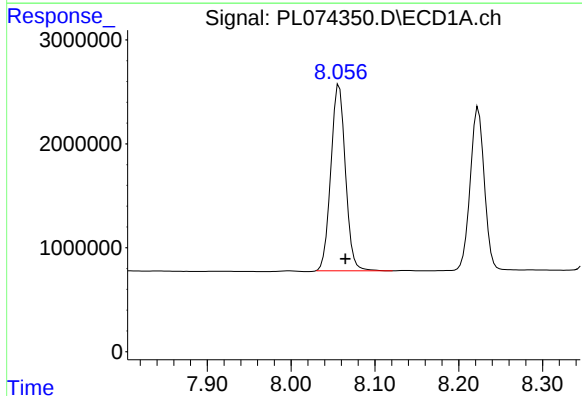
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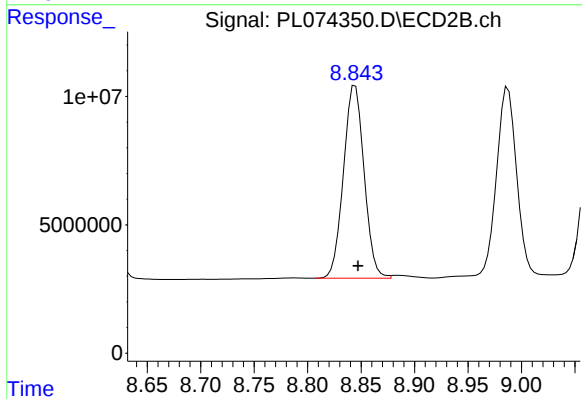
#13 Dieldrin

R.T.: 8.610 min
Delta R.T.: -0.003 min
Response: 119505118
Conc: 59.60 ng/ml



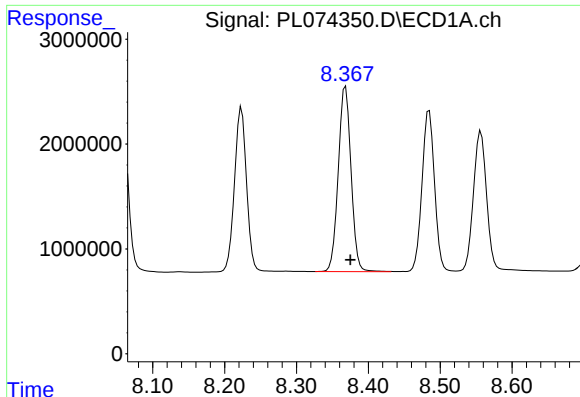
#14 Endrin

R.T.: 8.057 min
Delta R.T.: -0.007 min
Response: 21630936
Conc: 53.25 ng/ml



#14 Endrin

R.T.: 8.845 min
Delta R.T.: -0.003 min
Response: 100910259
Conc: 59.58 ng/ml



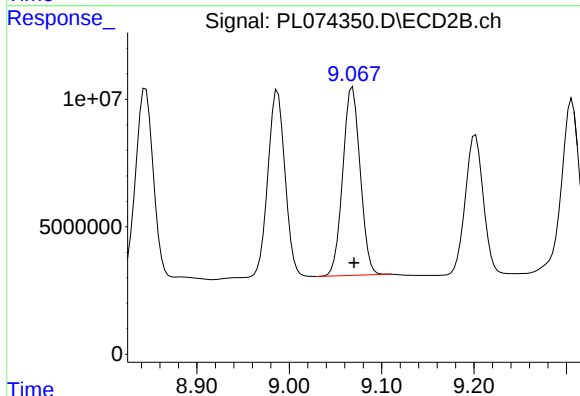
#15 Endosulfan II

R.T.: 8.368 min
Delta R.T.: -0.007 min
Response: 21780888
Conc: 52.85 ng/ml

Instrument :
ECD_L
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PSTDCCC050

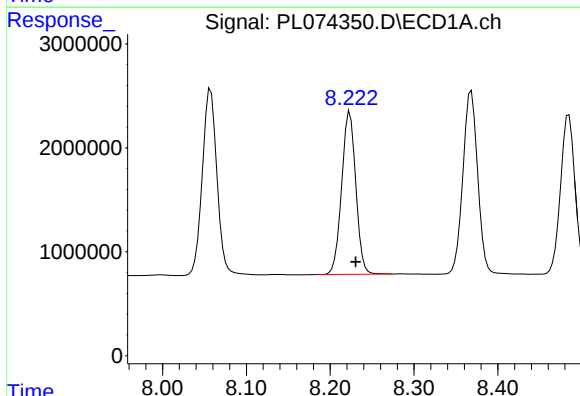
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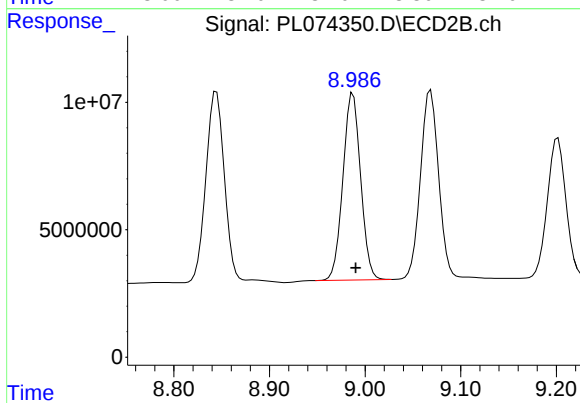
#15 Endosulfan II

R.T.: 9.069 min
Delta R.T.: -0.002 min
Response: 96956288
Conc: 55.81 ng/ml



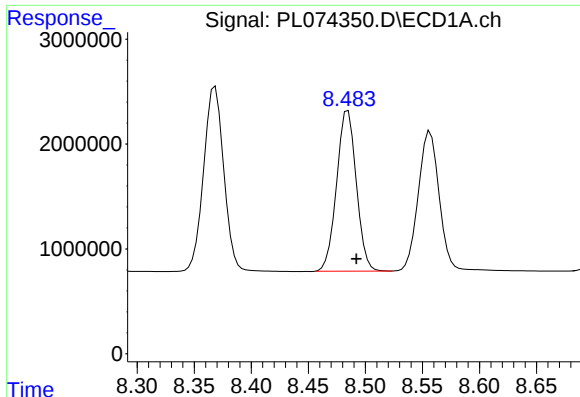
#16 4,4'-DDD

R.T.: 8.223 min
Delta R.T.: -0.007 min
Response: 18370981
Conc: 56.89 ng/ml



#16 4,4'-DDD

R.T.: 8.986 min
Delta R.T.: -0.004 min
Response: 94589951
Conc: 61.48 ng/ml m



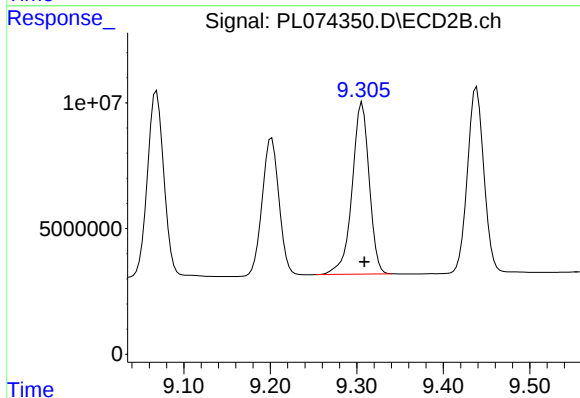
#17 4,4'-DDT

R.T.: 8.485 min
Delta R.T.: -0.007 min
Response: 18419902
Conc: 49.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

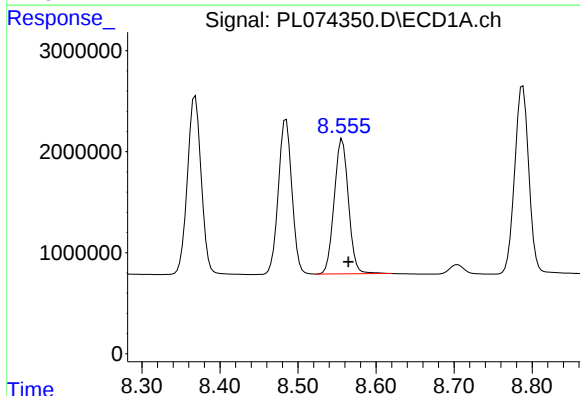
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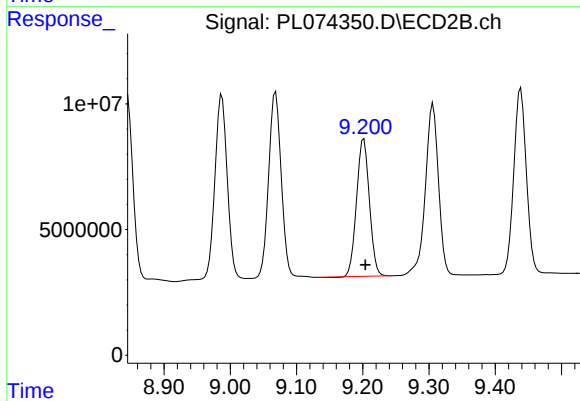
#17 4,4'-DDT

R.T.: 9.306 min
Delta R.T.: -0.003 min
Response: 93557978
Conc: 52.78 ng/ml



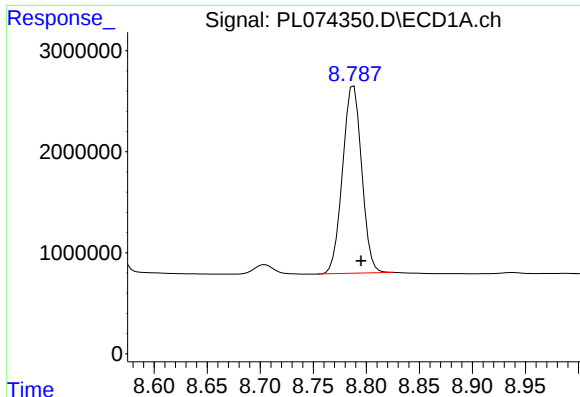
#18 Endrin aldehyde

R.T.: 8.557 min
Delta R.T.: -0.008 min
Response: 16960953
Conc: 52.42 ng/ml



#18 Endrin aldehyde

R.T.: 9.202 min
Delta R.T.: -0.003 min
Response: 73439788
Conc: 56.86 ng/ml



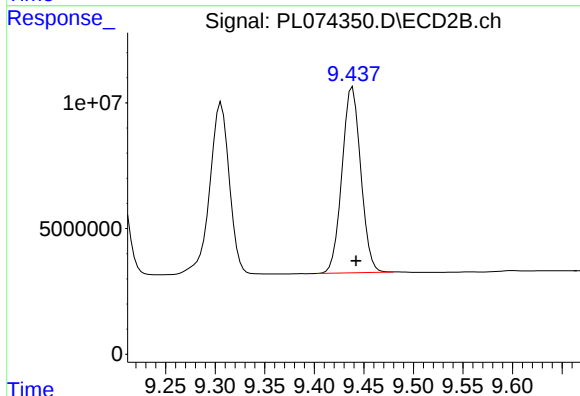
#19 Endosulfan Sulfate

R.T.: 8.787 min
Delta R.T.: -0.008 min
Response: 23198215
Conc: 54.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

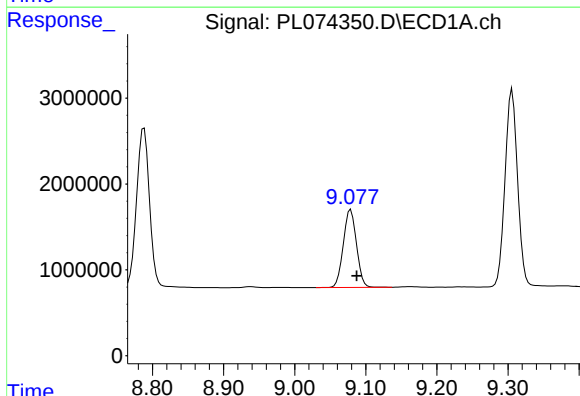
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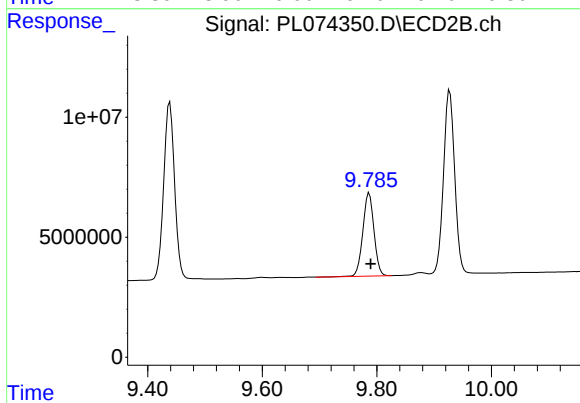
#19 Endosulfan Sulfate

R.T.: 9.439 min
Delta R.T.: -0.004 min
Response: 97513991
Conc: 58.59 ng/ml



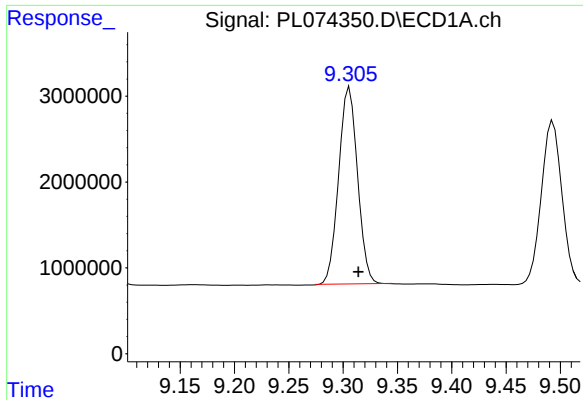
#20 Methoxychlor

R.T.: 9.079 min
Delta R.T.: -0.008 min
Response: 11751289
Conc: 47.33 ng/ml



#20 Methoxychlor

R.T.: 9.787 min
Delta R.T.: -0.003 min
Response: 46474807
Conc: 48.32 ng/ml



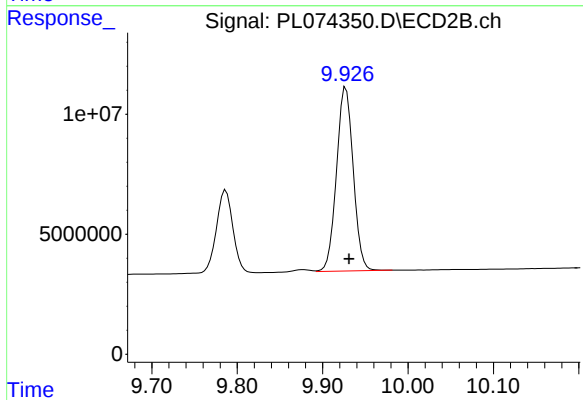
#21 Endrin ketone

R.T.: 9.305 min
Delta R.T.: -0.010 min
Response: 27725528
Conc: 56.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

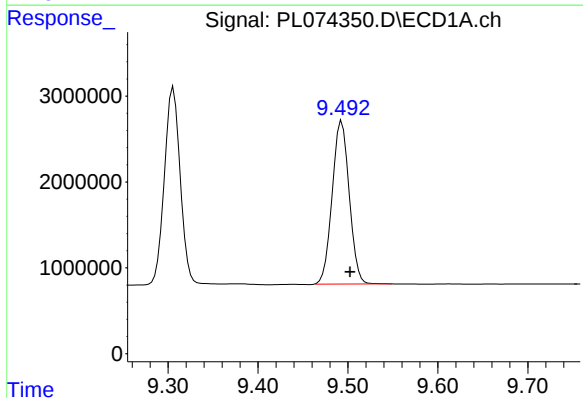
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/26/2022
Supervised By :mohammad ahmed 04/26/2022



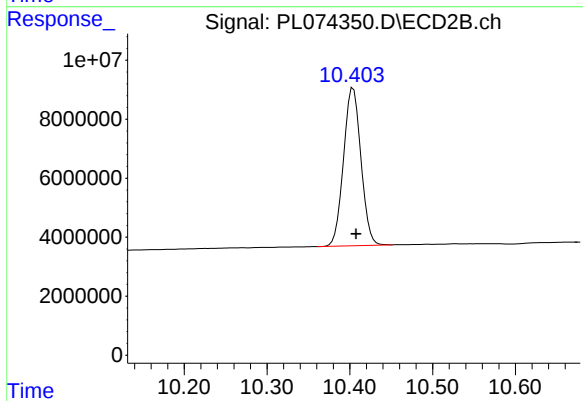
#21 Endrin ketone

R.T.: 9.927 min
Delta R.T.: -0.004 min
Response: 104355832
Conc: 60.29 ng/ml



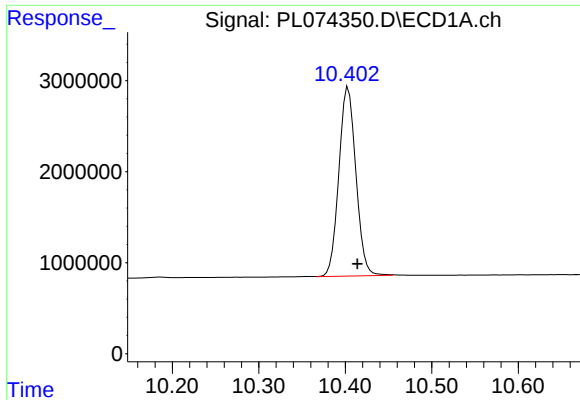
#22 Mirex

R.T.: 9.493 min
Delta R.T.: -0.009 min
Response: 25062924
Conc: 53.74 ng/ml



#22 Mirex

R.T.: 10.404 min
Delta R.T.: -0.003 min
Response: 78169592
Conc: 56.75 ng/ml



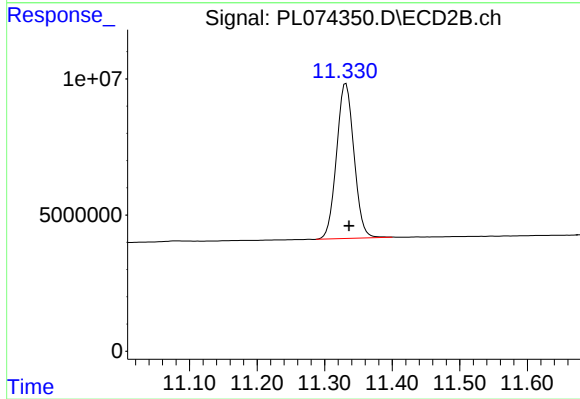
#28 Decachlorobiphenyl

R.T.: 10.402 min
Delta R.T.: -0.012 min
Response: 28196771
Conc: 54.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

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#28 Decachlorobiphenyl

R.T.: 11.332 min
Delta R.T.: -0.004 min
Response: 102083292
Conc: 57.79 ng/ml