

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050522\
 Data File : PL074572.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 May 2022 02:18
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 06 04:29:23 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...	4.633	5.489	15328539	84326785	47.441	47.296
28)	SA Decachlor...	10.405	11.333	23204257	79992852	44.621	45.288
Target Compounds							
2)	A alpha-BHC	5.341	6.052	20612966	120.7E6	49.118	47.944
3)	MA gamma-BHC...	5.765	6.441	20717536	113.8E6	49.398	48.084
4)	MA Heptachlor	6.175	7.100	21312047	119.9E6	47.312	45.973
5)	MB Aldrin	6.500	7.469	20745963	115.0E6	49.984	48.966
6)	B beta-BHC	6.146	6.679	9577318	52437713	46.872	46.528
7)	B delta-BHC	6.407	6.947	20756625	116.7E6	50.176	47.766
8)	B Heptachlo...	7.077	7.925	21252414	110.1E6	49.547	48.899
9)	A Endosulfan I	7.480	8.325	20375843	94238856	49.682	47.870
10)	B gamma-Chl...	7.355	8.193	21655741	103.4E6	49.376	46.341
11)	B alpha-Chl...	7.424	8.275	21905600	101.3E6	49.586	47.046
12)	B 4,4'-DDE	7.638	8.461	18074700	96152273	49.544	48.277
13)	MA Dieldrin	7.767	8.610	20923277	94994645	48.707	47.372
14)	MA Endrin	8.058	8.844	18880716	78611677	46.477	46.415m
15)	B Endosulfa...	8.369	9.068	19016436	75301184	46.138	43.346m
16)	A 4,4'-DDD	8.224	8.987	16090536	74326745	49.827	48.308m
17)	MA 4,4'-DDT	8.485	9.307	16287236	71214028	44.063	40.173
18)	B Endrin al...	8.557	9.202	15244995	58702708	47.117	45.449
19)	B Endosulfa...	8.788	9.440	20056736	73896600	46.969	44.400
20)	A Methoxychlor	9.081	9.787	10238467	40697767	41.240	42.312
21)	B Endrin ke...	9.306	9.928	23341579	78324126	47.777m	45.249
22)	Mirex	9.495	10.405	21258733	59710138	45.580	43.350

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050522\
 Data File : PL074572.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 May 2022 02:18
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

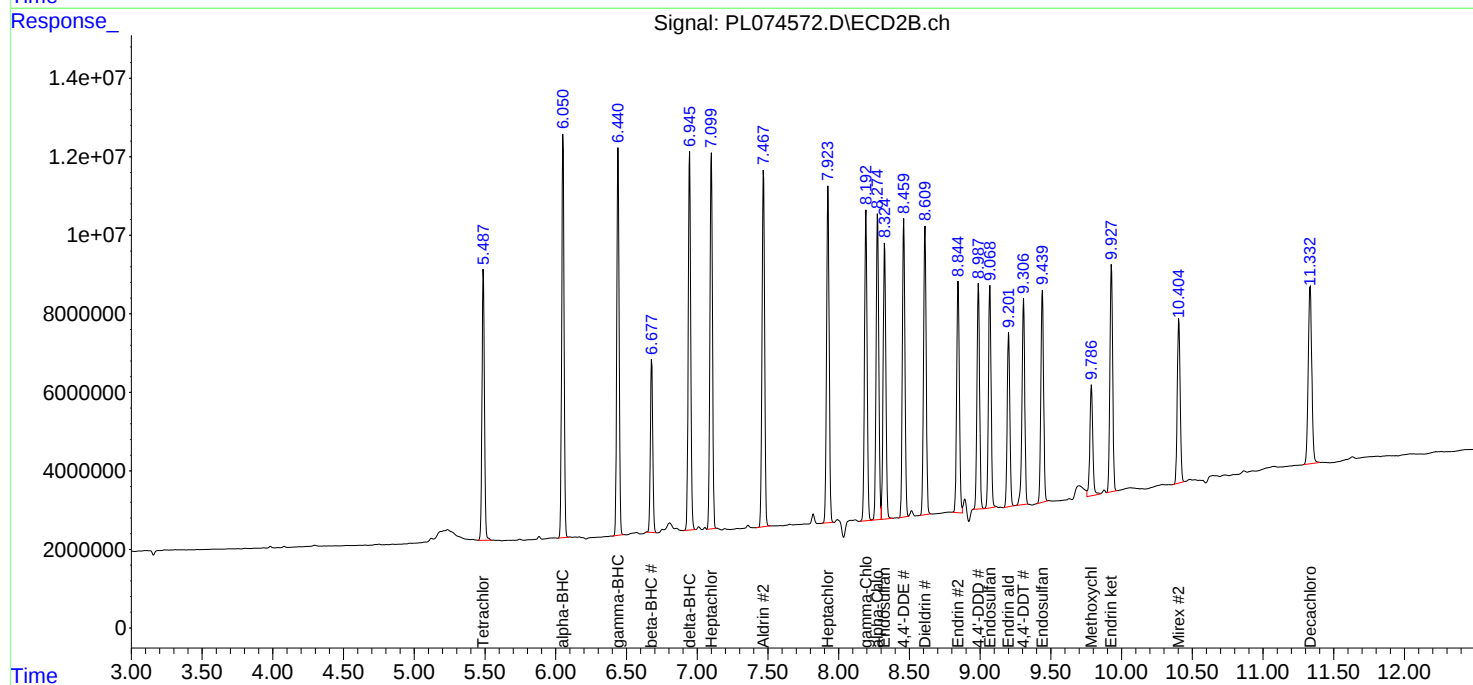
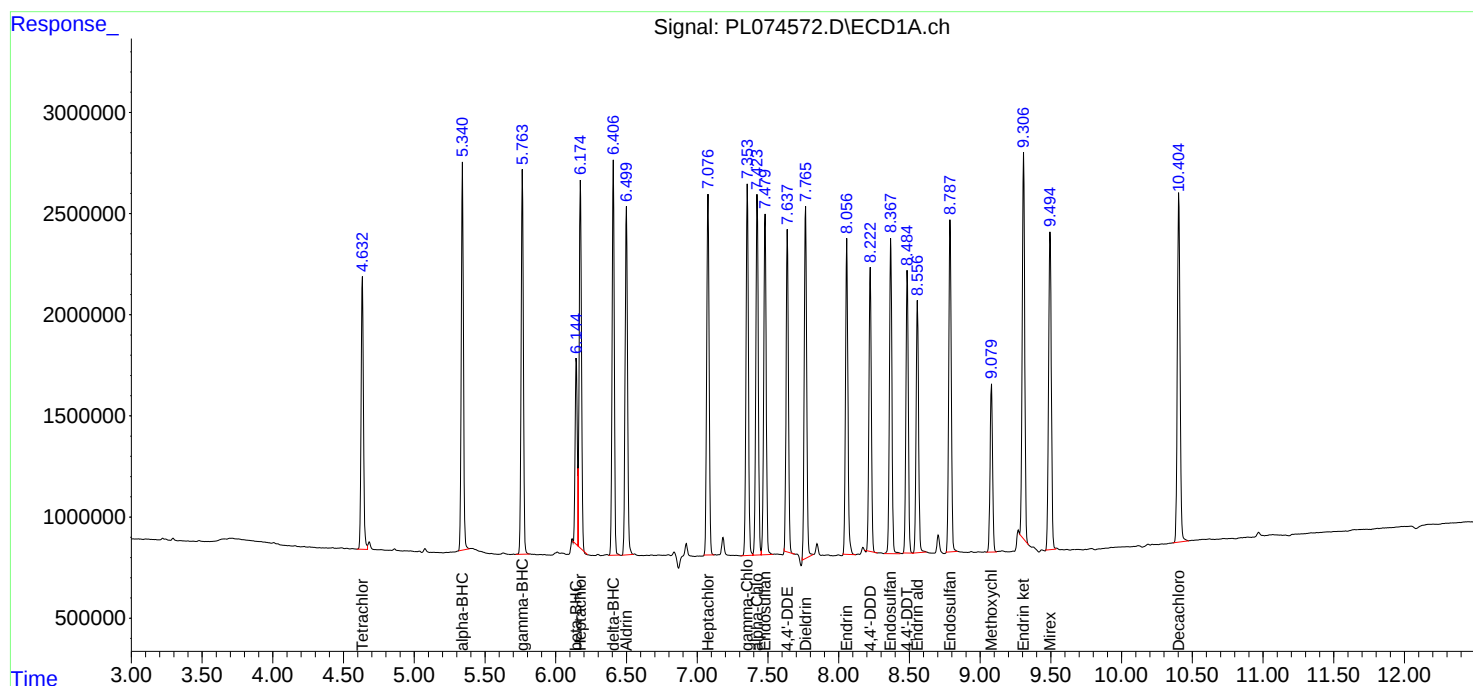
Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

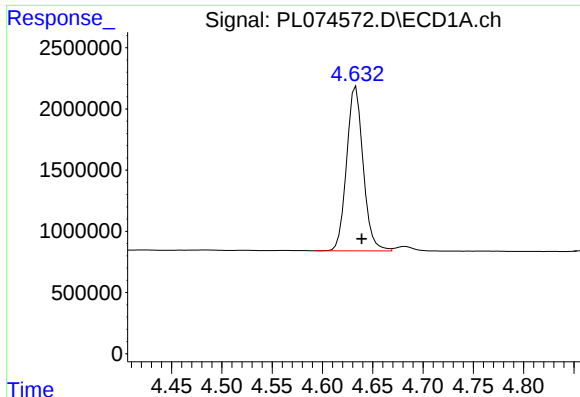
Manual Integrations APPROVED

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 Supervised By : mohammad ahmed 05/06/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 06 04:29:23 2022
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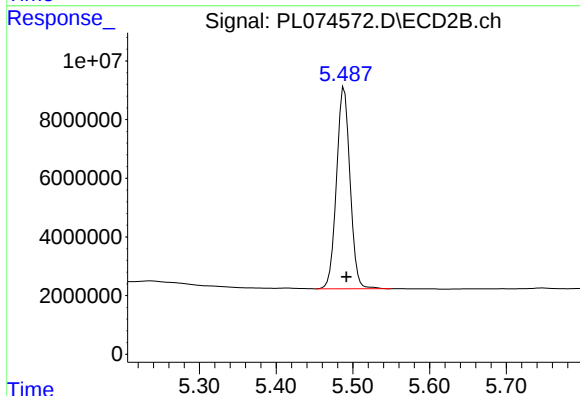
#1 Tetrachloro-m-xylene

R.T.: 4.633 min
Delta R.T.: -0.006 min
Response: 15328539
Conc: 47.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

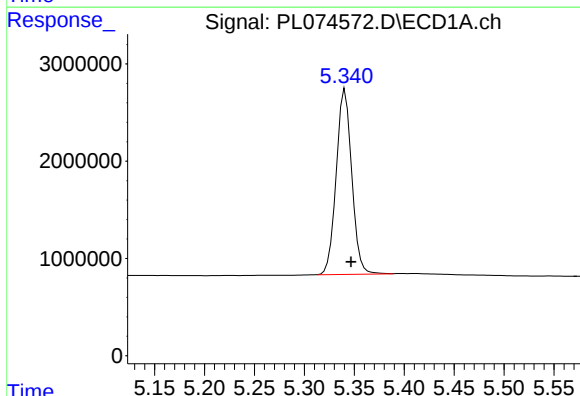
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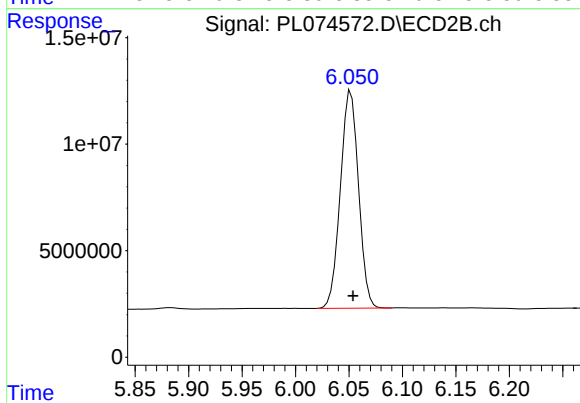
#1 Tetrachloro-m-xylene

R.T.: 5.489 min
Delta R.T.: -0.003 min
Response: 84326785
Conc: 47.30 ng/ml



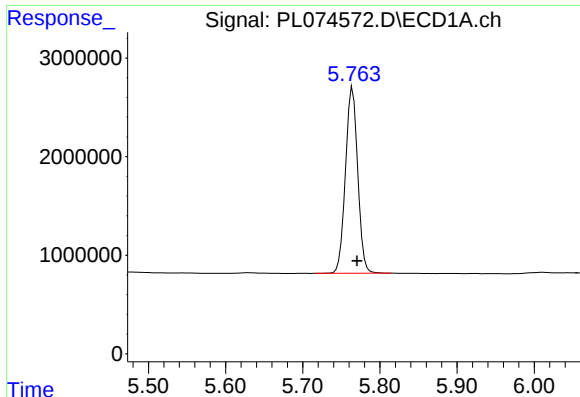
#2 alpha-BHC

R.T.: 5.341 min
Delta R.T.: -0.006 min
Response: 20612966
Conc: 49.12 ng/ml



#2 alpha-BHC

R.T.: 6.052 min
Delta R.T.: -0.002 min
Response: 120727547
Conc: 47.94 ng/ml



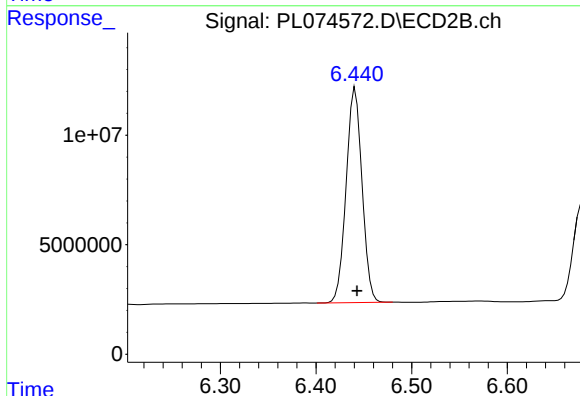
#3 gamma-BHC (Lindane)

R.T.: 5.765 min
Delta R.T.: -0.006 min
Response: 20717536
Conc: 49.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

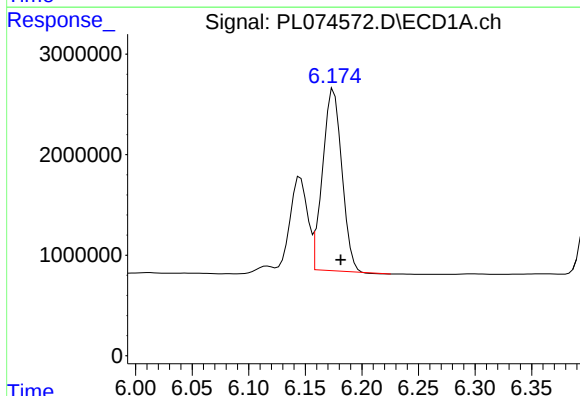
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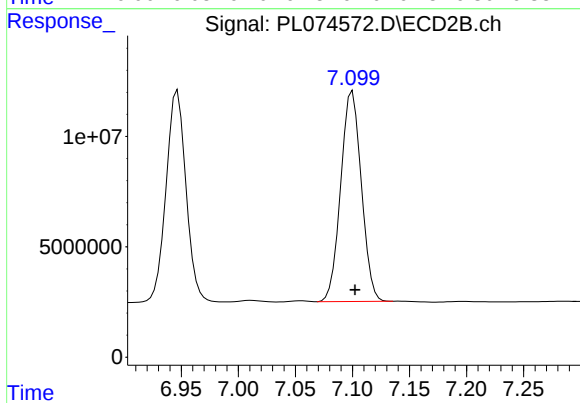
#3 gamma-BHC (Lindane)

R.T.: 6.441 min
Delta R.T.: -0.002 min
Response: 113820358
Conc: 48.08 ng/ml



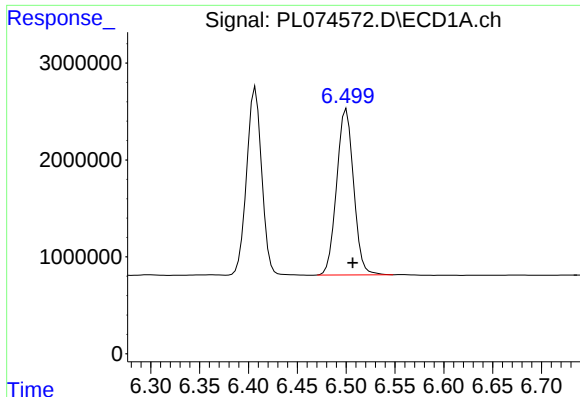
#4 Heptachlor

R.T.: 6.175 min
Delta R.T.: -0.006 min
Response: 21312047
Conc: 47.31 ng/ml



#4 Heptachlor

R.T.: 7.100 min
Delta R.T.: -0.002 min
Response: 119917285
Conc: 45.97 ng/ml



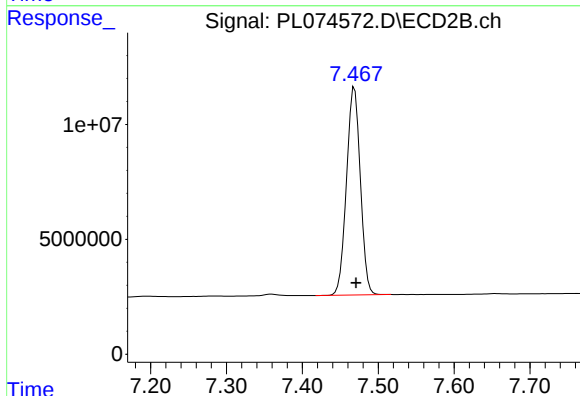
#5 Aldrin

R.T.: 6.500 min
Delta R.T.: -0.006 min
Response: 20745963
Conc: 49.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

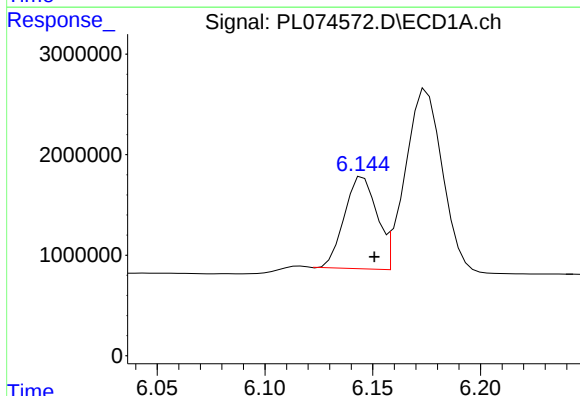
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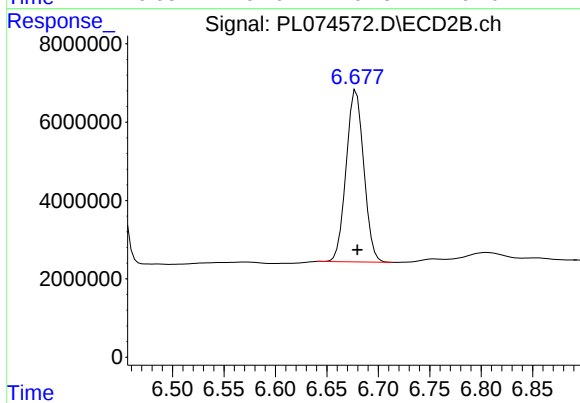
#5 Aldrin

R.T.: 7.469 min
Delta R.T.: -0.002 min
Response: 115000911
Conc: 48.97 ng/ml



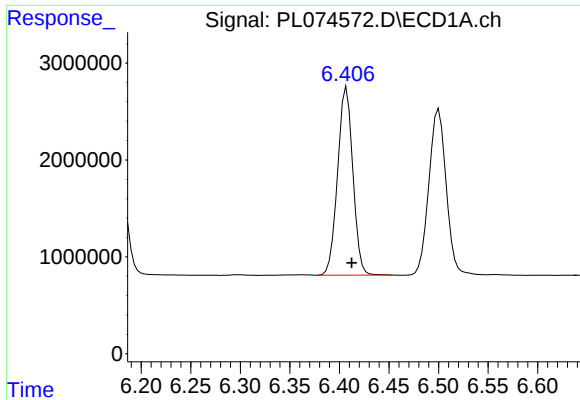
#6 beta-BHC

R.T.: 6.146 min
Delta R.T.: -0.005 min
Response: 9577318
Conc: 46.87 ng/ml



#6 beta-BHC

R.T.: 6.679 min
Delta R.T.: -0.001 min
Response: 52437713
Conc: 46.53 ng/ml



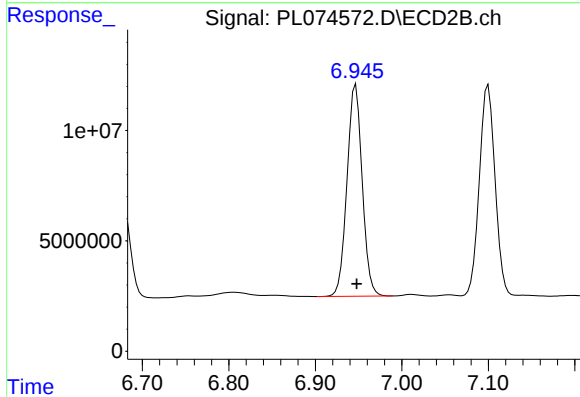
#7 delta-BHC

R.T.: 6.407 min
Delta R.T.: -0.005 min
Response: 20756625
Conc: 50.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

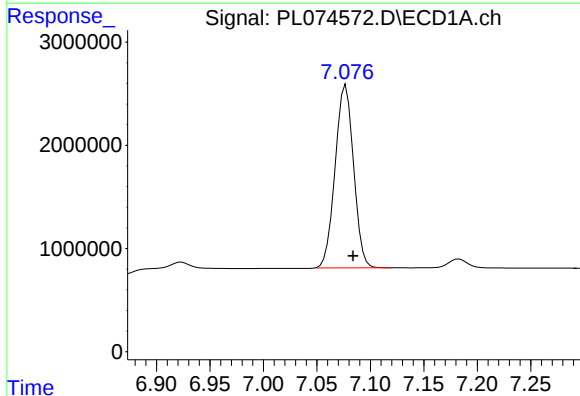
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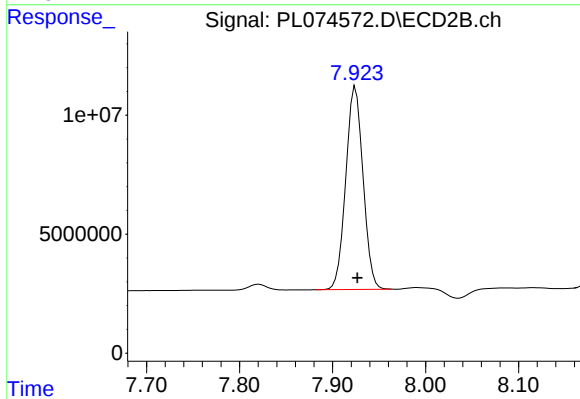
#7 delta-BHC

R.T.: 6.947 min
Delta R.T.: -0.001 min
Response: 116657700
Conc: 47.77 ng/ml



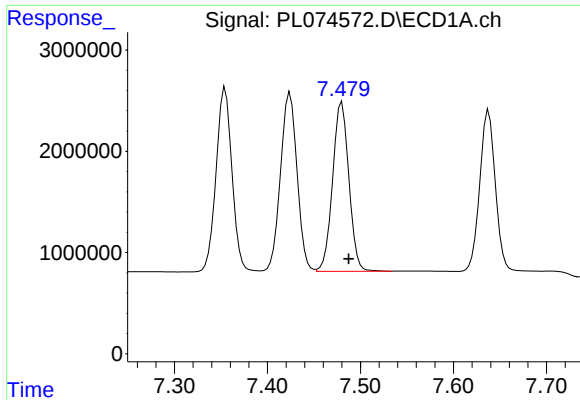
#8 Heptachlor epoxide

R.T.: 7.077 min
Delta R.T.: -0.007 min
Response: 21252414
Conc: 49.55 ng/ml



#8 Heptachlor epoxide

R.T.: 7.925 min
Delta R.T.: -0.002 min
Response: 110098151
Conc: 48.90 ng/ml



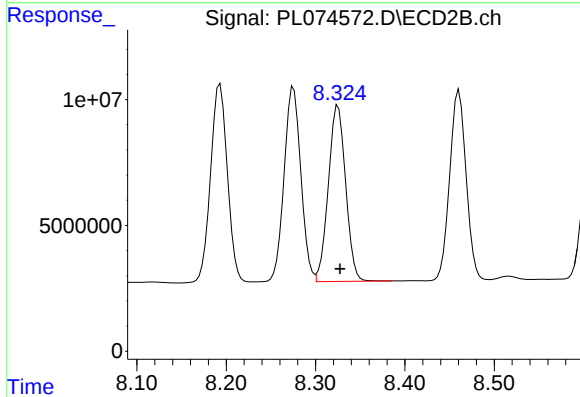
#9 Endosulfan I

R.T.: 7.480 min
Delta R.T.: -0.007 min
Response: 20375843
Conc: 49.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

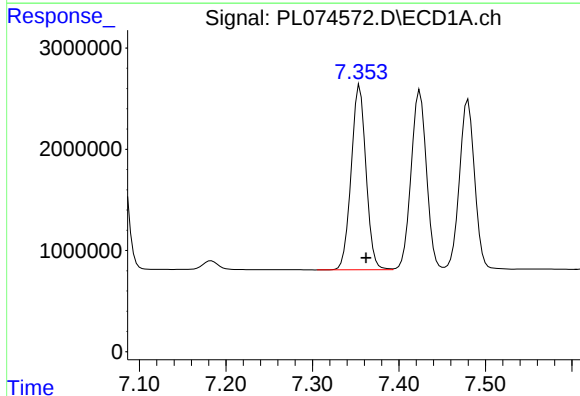
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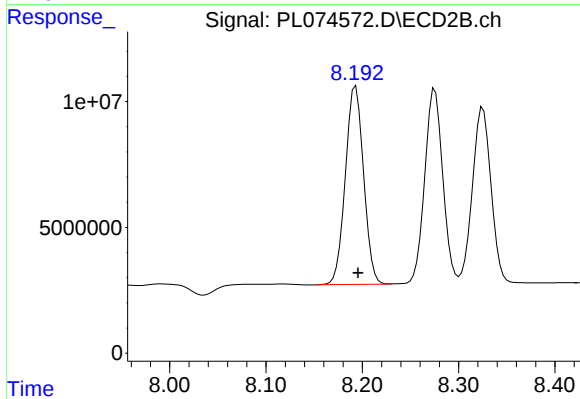
#9 Endosulfan I

R.T.: 8.325 min
Delta R.T.: -0.002 min
Response: 94238856
Conc: 47.87 ng/ml



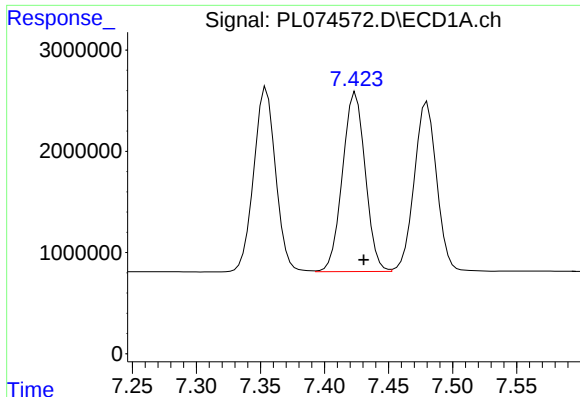
#10 gamma-Chlordane

R.T.: 7.355 min
Delta R.T.: -0.007 min
Response: 21655741
Conc: 49.38 ng/ml



#10 gamma-Chlordane

R.T.: 8.193 min
Delta R.T.: -0.002 min
Response: 103356683
Conc: 46.34 ng/ml



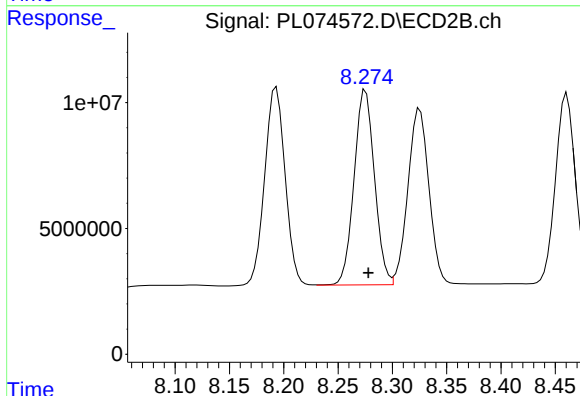
#11 alpha-Chlordane

R.T.: 7.424 min
Delta R.T.: -0.006 min
Response: 21905600
Conc: 49.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

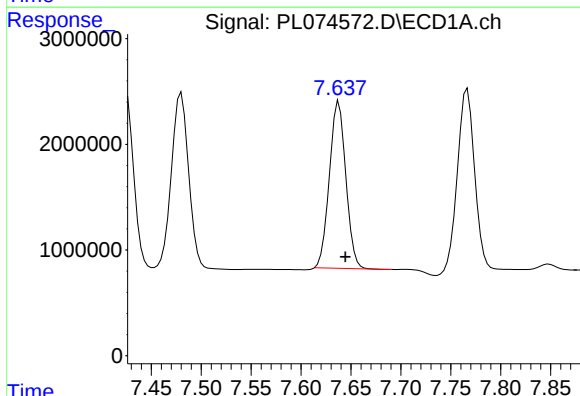
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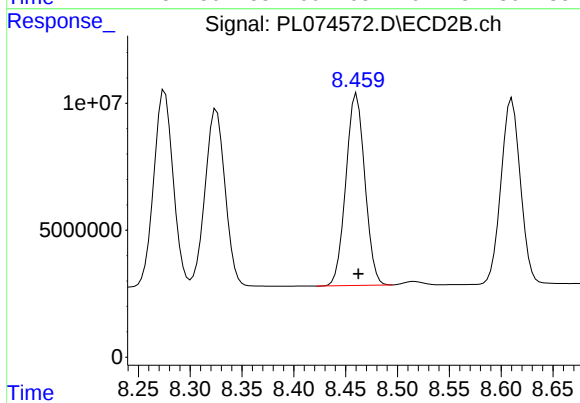
#11 alpha-Chlordane

R.T.: 8.275 min
Delta R.T.: -0.003 min
Response: 101270229
Conc: 47.05 ng/ml



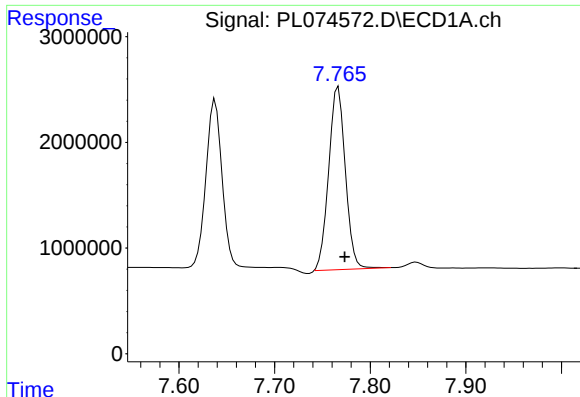
#12 4,4'-DDE

R.T.: 7.638 min
Delta R.T.: -0.007 min
Response: 18074700
Conc: 49.54 ng/ml



#12 4,4'-DDE

R.T.: 8.461 min
Delta R.T.: -0.002 min
Response: 96152273
Conc: 48.28 ng/ml



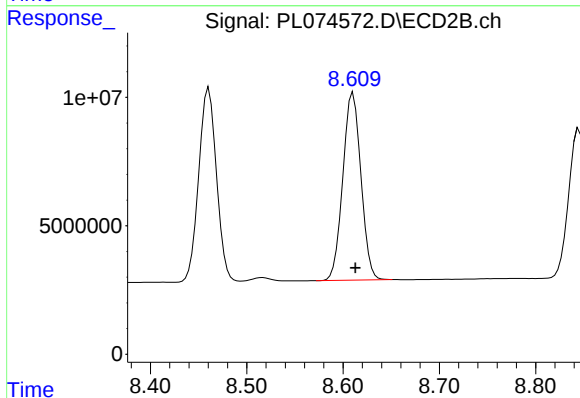
#13 Dieldrin

R.T.: 7.767 min
Delta R.T.: -0.007 min
Response: 20923277
Conc: 48.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
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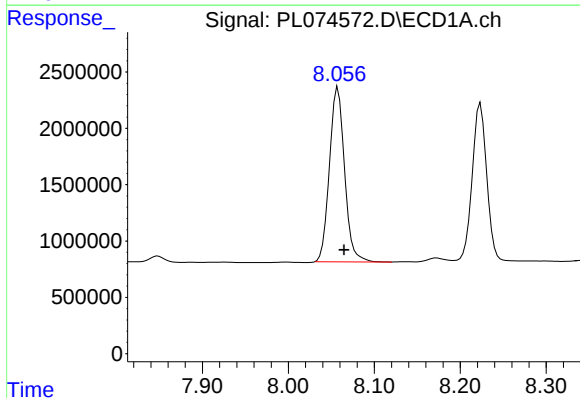
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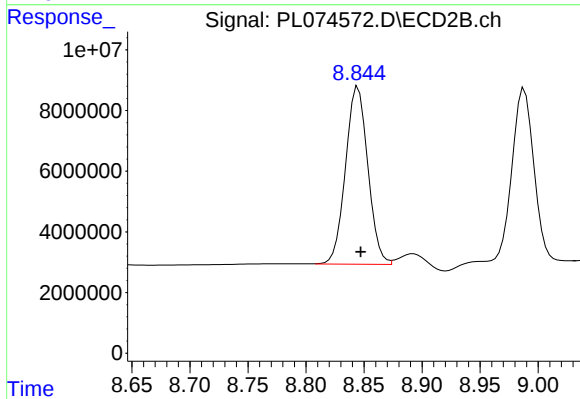
#13 Dieldrin

R.T.: 8.610 min
Delta R.T.: -0.002 min
Response: 94994645
Conc: 47.37 ng/ml



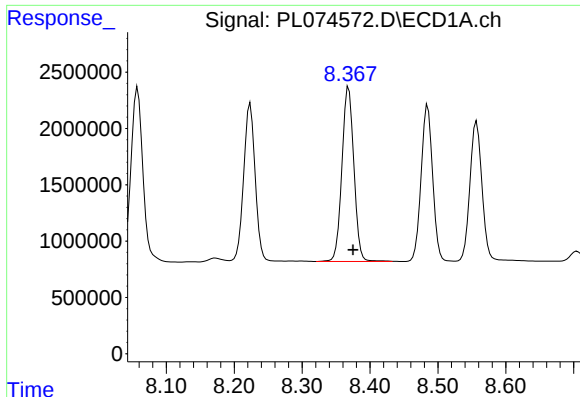
#14 Endrin

R.T.: 8.058 min
Delta R.T.: -0.007 min
Response: 18880716
Conc: 46.48 ng/ml



#14 Endrin

R.T.: 8.844 min
Delta R.T.: -0.004 min
Response: 78611677
Conc: 46.42 ng/ml m



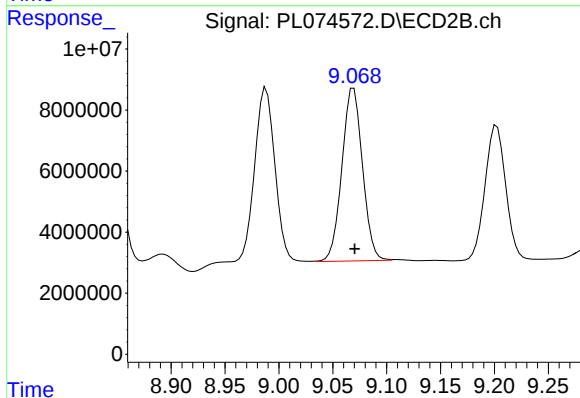
#15 Endosulfan II

R.T.: 8.369 min
Delta R.T.: -0.007 min
Response: 19016436
Conc: 46.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

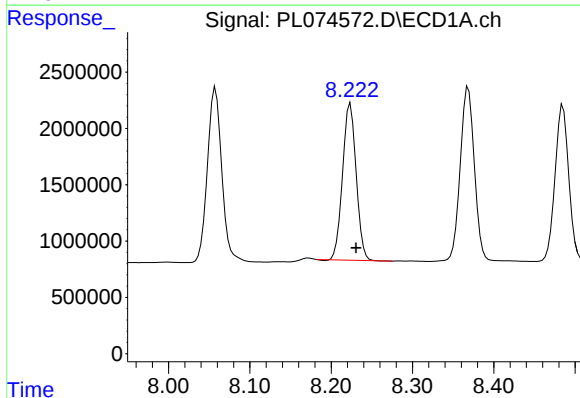
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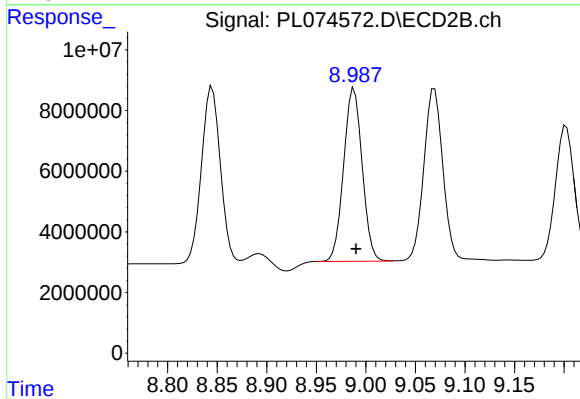
#15 Endosulfan II

R.T.: 9.068 min
Delta R.T.: -0.002 min
Response: 75301184
Conc: 43.35 ng/ml m



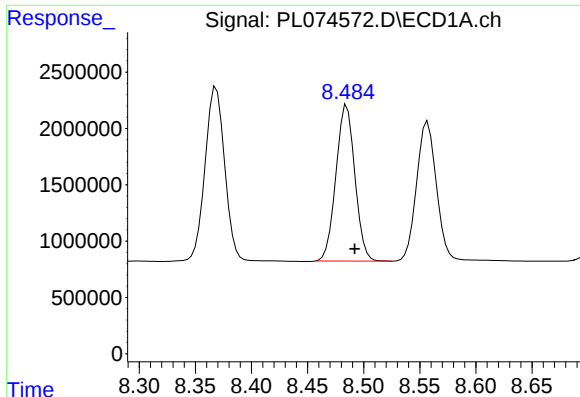
#16 4,4'-DDD

R.T.: 8.224 min
Delta R.T.: -0.007 min
Response: 16090536
Conc: 49.83 ng/ml



#16 4,4'-DDD

R.T.: 8.987 min
Delta R.T.: -0.003 min
Response: 74326745
Conc: 48.31 ng/ml m



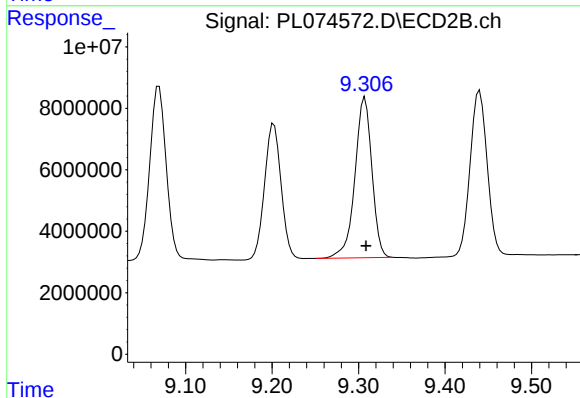
#17 4,4'-DDT

R.T.: 8.485 min
Delta R.T.: -0.007 min
Response: 16287236
Conc: 44.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

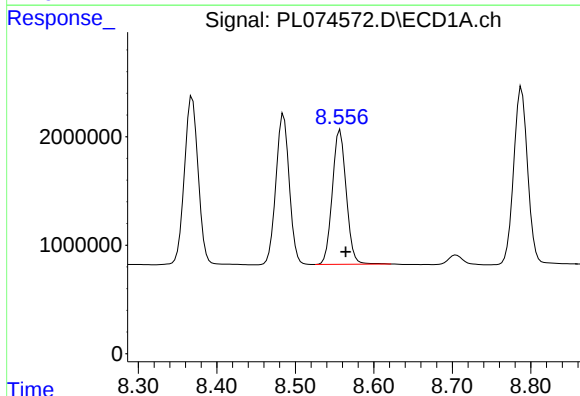
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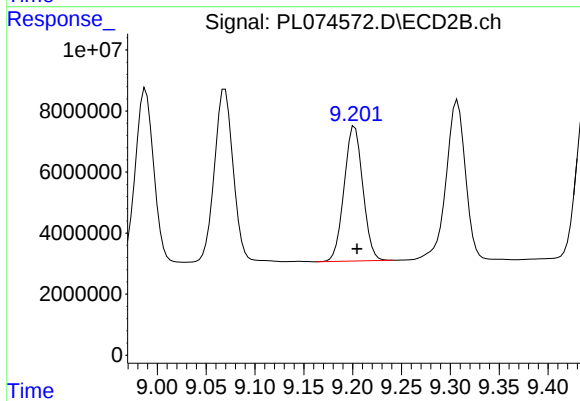
#17 4,4'-DDT

R.T.: 9.307 min
Delta R.T.: -0.002 min
Response: 71214028
Conc: 40.17 ng/ml



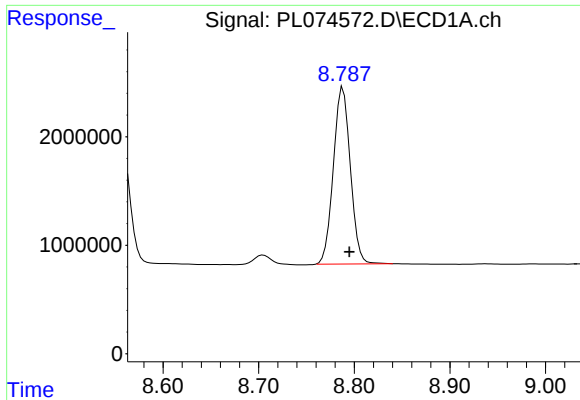
#18 Endrin aldehyde

R.T.: 8.557 min
Delta R.T.: -0.007 min
Response: 15244995
Conc: 47.12 ng/ml



#18 Endrin aldehyde

R.T.: 9.202 min
Delta R.T.: -0.002 min
Response: 58702708
Conc: 45.45 ng/ml



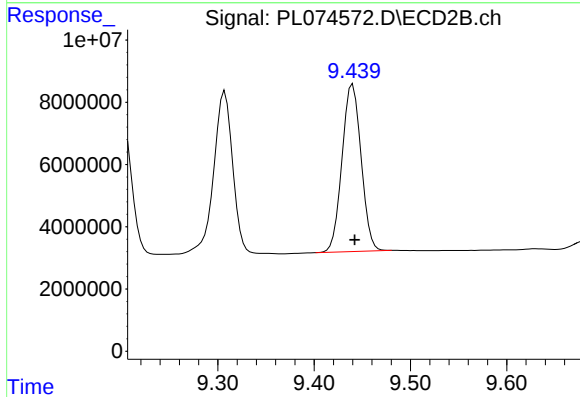
#19 Endosulfan Sulfate

R.T.: 8.788 min
Delta R.T.: -0.007 min
Response: 20056736
Conc: 46.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

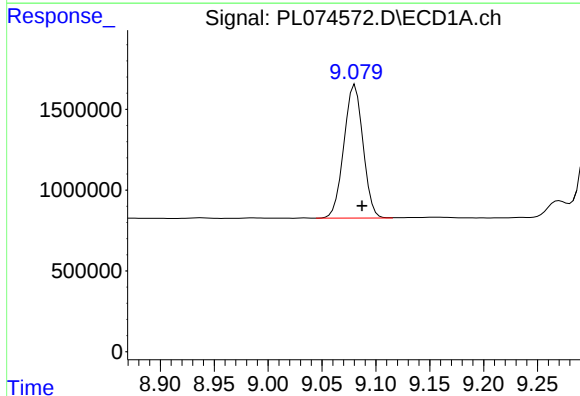
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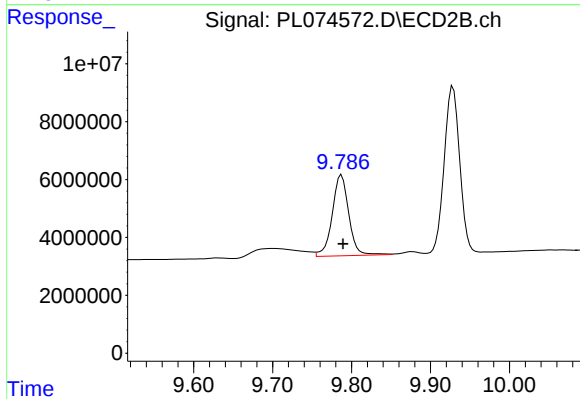
#19 Endosulfan Sulfate

R.T.: 9.440 min
Delta R.T.: -0.002 min
Response: 73896600
Conc: 44.40 ng/ml



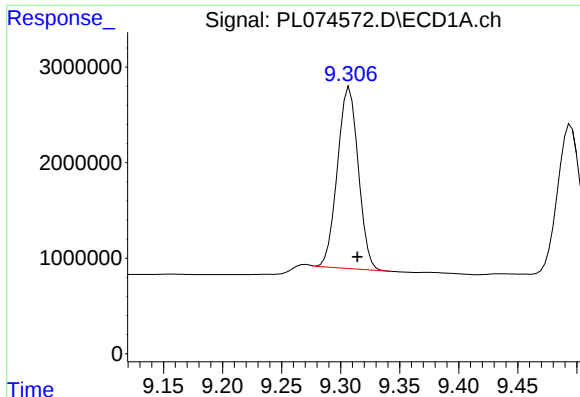
#20 Methoxychlor

R.T.: 9.081 min
Delta R.T.: -0.007 min
Response: 10238467
Conc: 41.24 ng/ml



#20 Methoxychlor

R.T.: 9.787 min
Delta R.T.: -0.002 min
Response: 40697767
Conc: 42.31 ng/ml



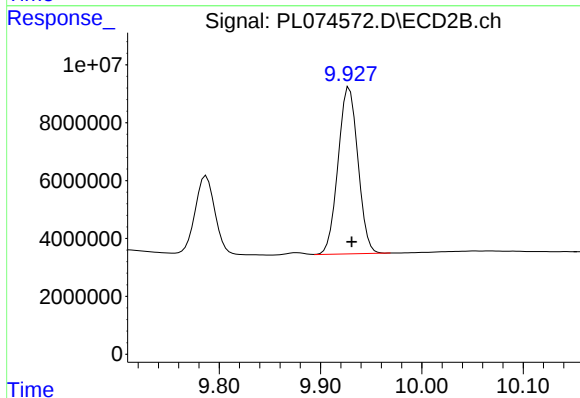
#21 Endrin ketone

R.T.: 9.306 min
Delta R.T.: -0.008 min
Response: 23341579
Conc: 47.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

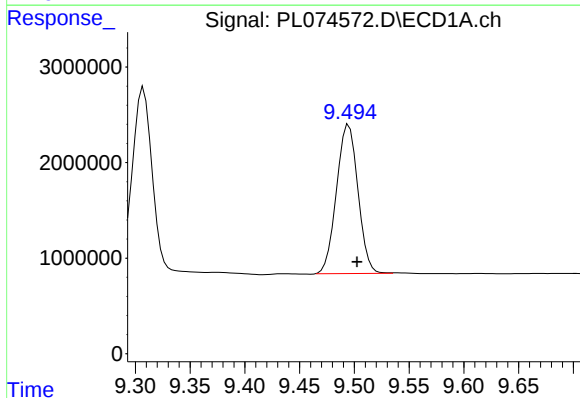
Manual Integrations
APPROVED

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



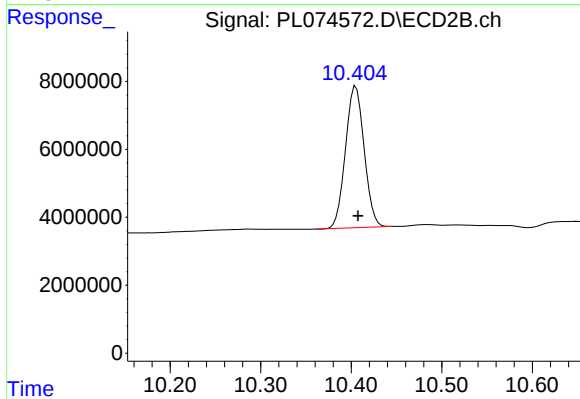
#21 Endrin ketone

R.T.: 9.928 min
Delta R.T.: -0.002 min
Response: 78324126
Conc: 45.25 ng/ml



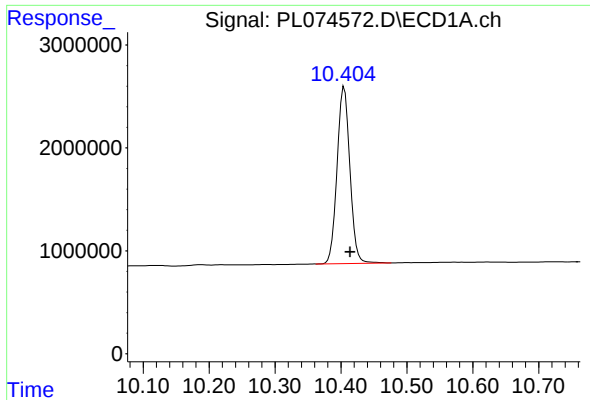
#22 Mirex

R.T.: 9.495 min
Delta R.T.: -0.008 min
Response: 21258733
Conc: 45.58 ng/ml



#22 Mirex

R.T.: 10.405 min
Delta R.T.: -0.002 min
Response: 59710138
Conc: 43.35 ng/ml



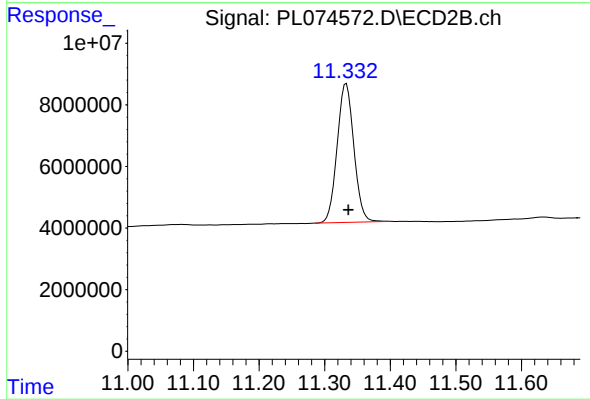
#28 Decachlorobiphenyl

R.T.: 10.405 min
Delta R.T.: -0.009 min
Response: 23204257
Conc: 44.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 11.333 min
Delta R.T.: -0.003 min
Response: 79992852
Conc: 45.29 ng/ml