

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041522\
 Data File : PL074123.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Apr 2022 20:00
 Operator : AR\AJ
 Sample : N2430-03MS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 E14-EB1-041322-5-10MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/18/2022
 Supervised By :mohammad ahmed 04/18/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 16 03:43:51 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...	4.637	5.491	6573208	35445647	20.344	19.880
28)	SA Decachlor...	10.409	11.333	7527030	24591685	14.474	13.923
Target Compounds							
2)	A alpha-BHC	5.345	6.054	22697369	143.2E6	54.085	56.867
3)	MA gamma-BHC...	5.769	6.443	22013521	132.0E6	52.488	55.747
4)	MA Heptachlor	6.179	7.102	21909031	130.6E6	48.637	50.058
5)	MB Aldrin	6.503	7.470	22034037	130.7E6	53.088m	55.637
6)	B beta-BHC	6.149	6.680	10709084	57864069	52.411	51.343
7)	B delta-BHC	6.409	6.948	21795731	132.3E6	52.688m	54.158
8)	B Heptachlo...	7.082	7.926	22250818	117.3E6	51.874	52.106
9)	A Endosulfan I	7.485	8.326	21081951	103.5E6	51.404	52.559
10)	B gamma-Chl...	7.359	8.194	22525295	117.0E6	51.359	52.457
11)	B alpha-Chl...	7.429	8.277	22641549	113.6E6	51.251	52.753
12)	B 4,4'-DDE	7.643	8.461	19141324	105.4E6	52.468	52.917
13)	MA Dieldrin	7.769	8.611	21966004	106.4E6	51.135m	53.067
14)	MA Endrin	8.062	8.846	21122206	89709234	51.995	52.968
15)	B Endosulfa...	8.373	9.070	21466643	87274146	52.083	50.237
16)	A 4,4'-DDD	8.228	8.989	18123947	85035317	56.124	55.268
17)	MA 4,4'-DDT	8.490	9.307	15206147	66971034	41.138	37.780
18)	B Endrin al...	8.562	9.203	17313036	68081972	53.509	52.710
19)	B Endosulfa...	8.792	9.440	21192505	78208111	49.629	46.991
20)	A Methoxychlor	9.085	9.787	10837150	43042117	43.651	44.749
21)	B Endrin ke...	9.312	9.928	24421385	84542611	49.987	48.842
22)	Mirex	9.499	10.405	22104771	65803267	47.394	47.773

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041522\
 Data File : PL074123.D
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 Acq On : 15 Apr 2022 20:00
 Operator : AR\AJ
 Sample : N2430-03MS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

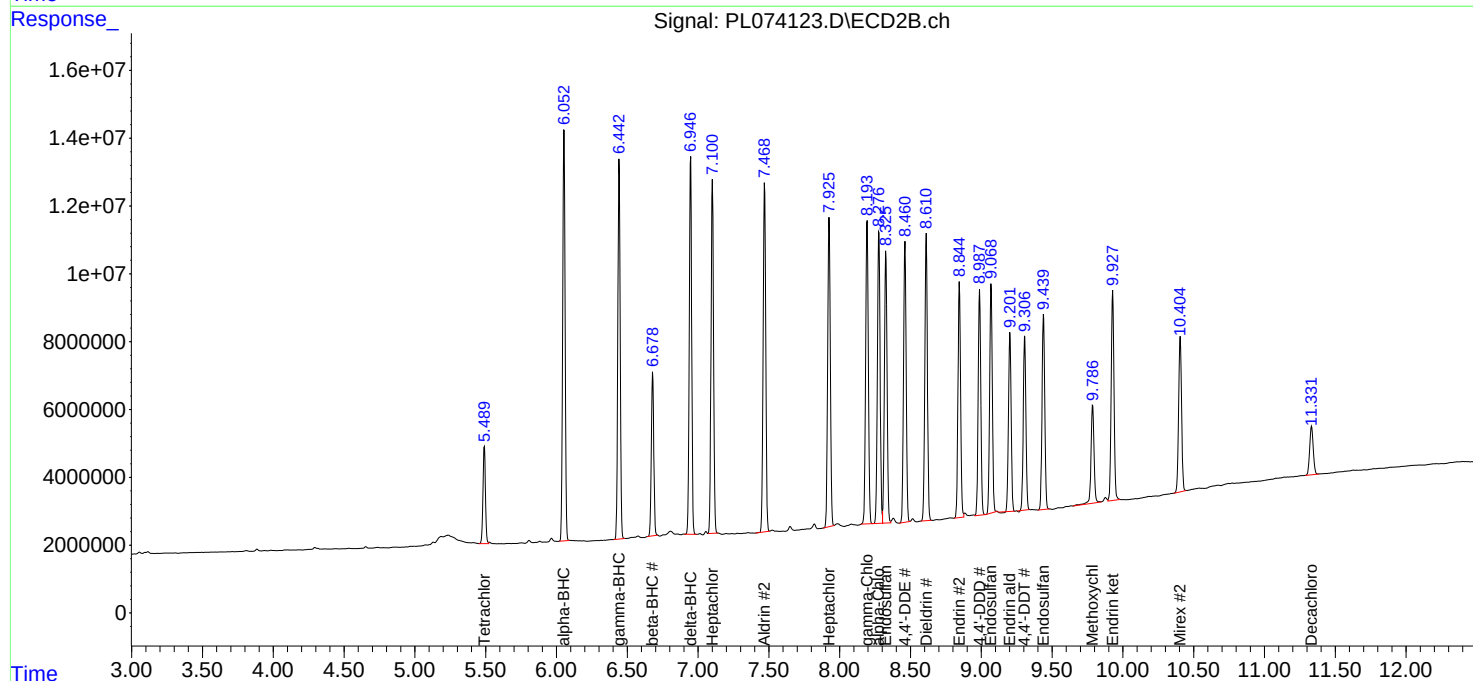
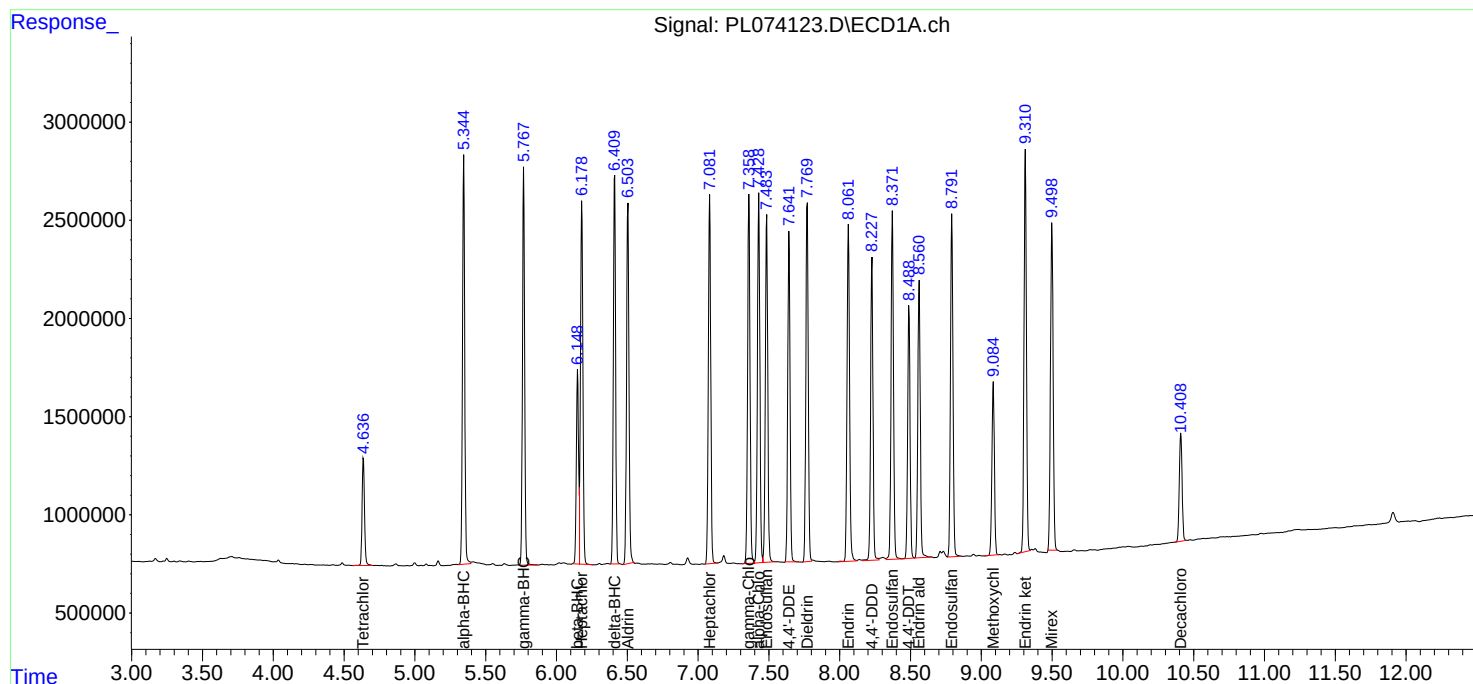
Instrument :
 ECD_L
 ClientSampleId :
 E14-EB1-041322-5-10MS

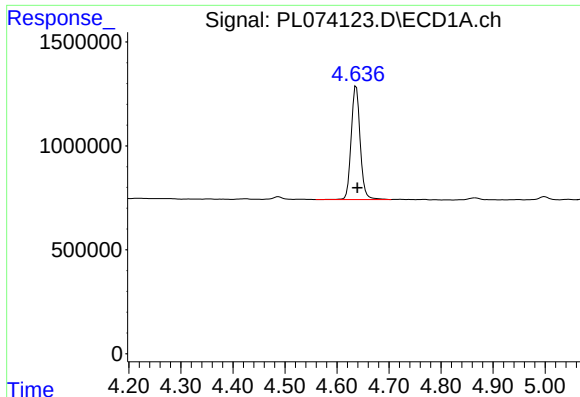
Manual Integrations APPROVED

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 16 03:43:51 2022
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





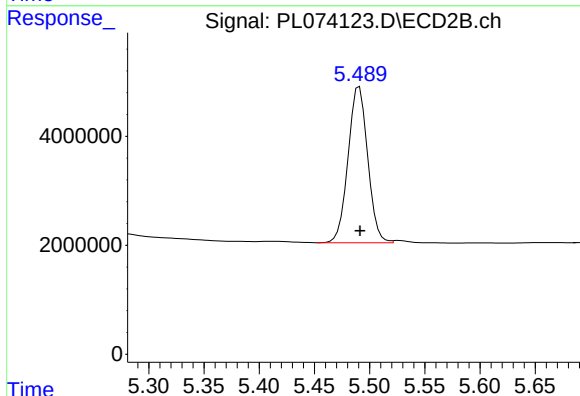
#1 Tetrachloro-m-xylene

R.T.: 4.637 min
Delta R.T.: -0.002 min
Response: 6573208
Conc: 20.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
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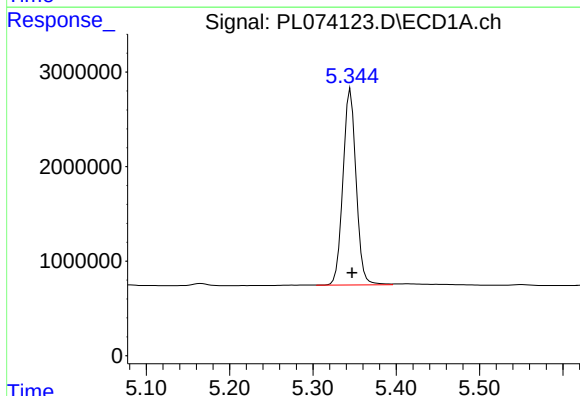
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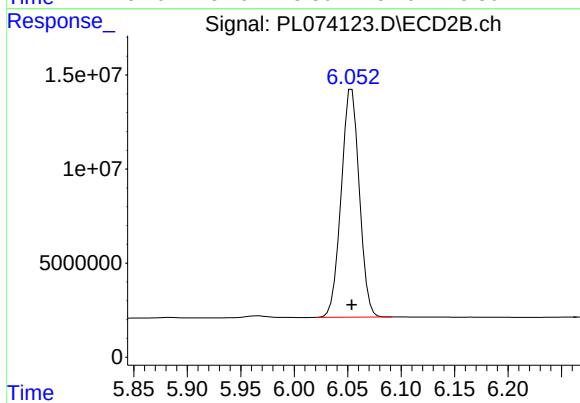
#1 Tetrachloro-m-xylene

R.T.: 5.491 min
Delta R.T.: 0.000 min
Response: 35445647
Conc: 19.88 ng/ml



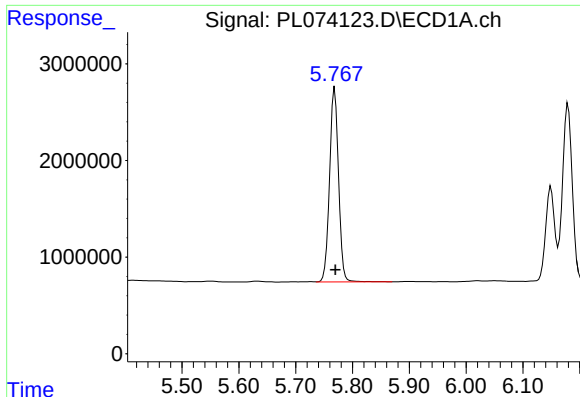
#2 alpha-BHC

R.T.: 5.345 min
Delta R.T.: -0.002 min
Response: 22697369
Conc: 54.08 ng/ml



#2 alpha-BHC

R.T.: 6.054 min
Delta R.T.: 0.000 min
Response: 143196302
Conc: 56.87 ng/ml



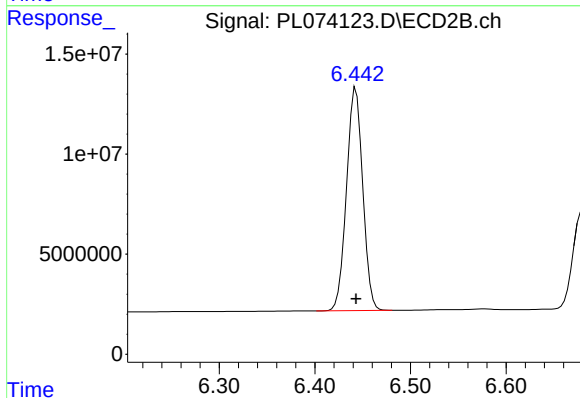
#3 gamma-BHC (Lindane)

R.T.: 5.769 min
Delta R.T.: -0.001 min
Response: 22013521
Conc: 52.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
E14-EB1-041322-5-10MS

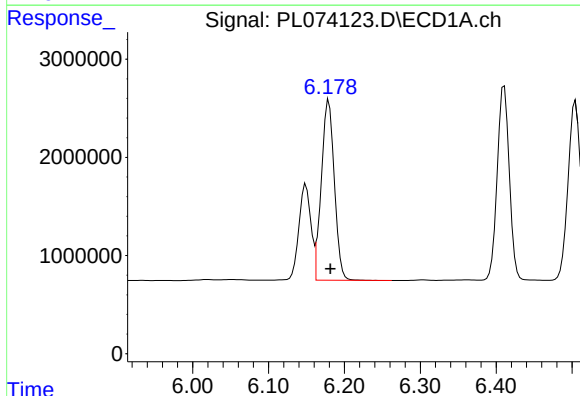
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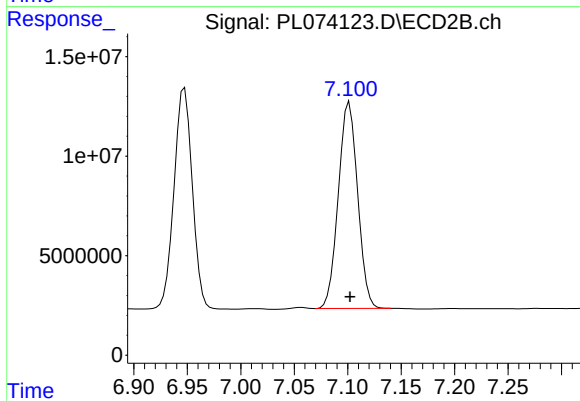
#3 gamma-BHC (Lindane)

R.T.: 6.443 min
Delta R.T.: 0.000 min
Response: 131960133
Conc: 55.75 ng/ml



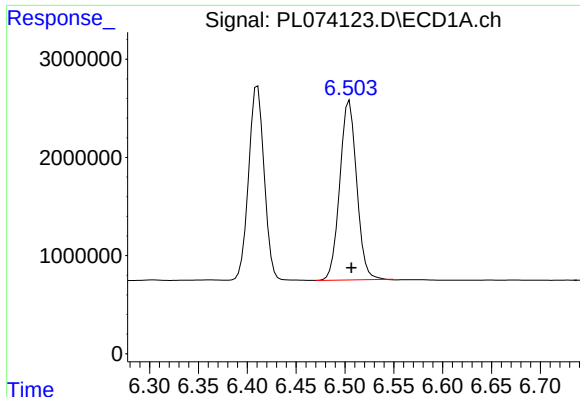
#4 Heptachlor

R.T.: 6.179 min
Delta R.T.: -0.002 min
Response: 21909031
Conc: 48.64 ng/ml



#4 Heptachlor

R.T.: 7.102 min
Delta R.T.: 0.000 min
Response: 130571380
Conc: 50.06 ng/ml



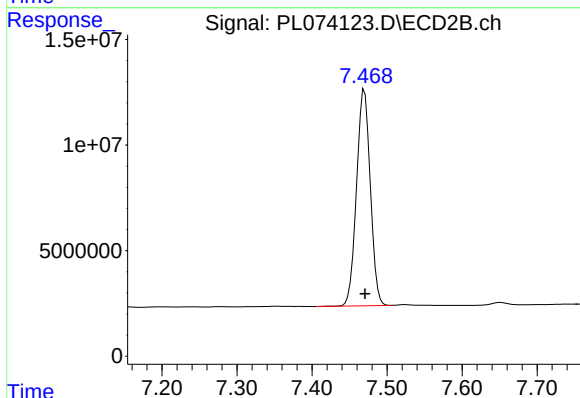
#5 Aldrin

R.T.: 6.503 min
Delta R.T.: -0.003 min
Response: 22034037
Conc: 53.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
E14-EB1-041322-5-10MS

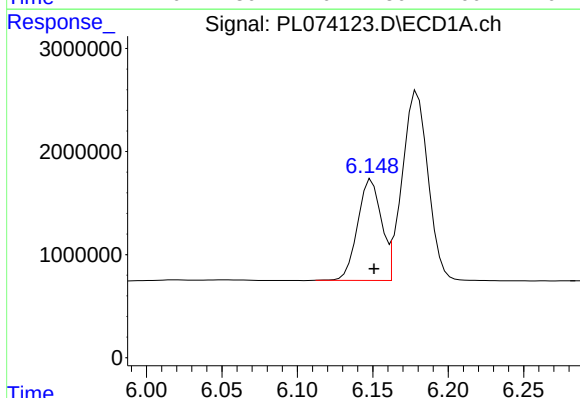
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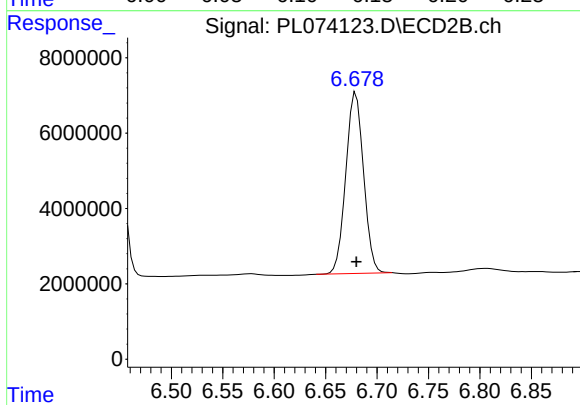
#5 Aldrin

R.T.: 7.470 min
Delta R.T.: 0.000 min
Response: 130669017
Conc: 55.64 ng/ml



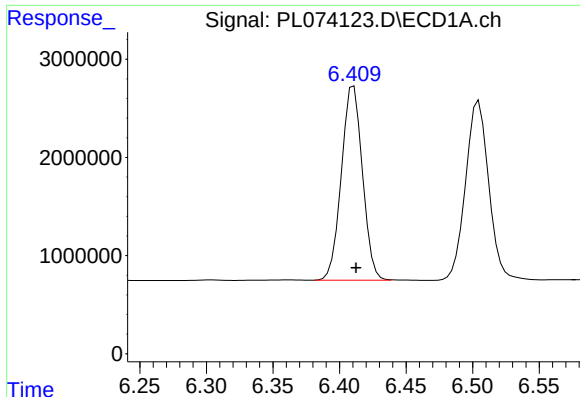
#6 beta-BHC

R.T.: 6.149 min
Delta R.T.: -0.002 min
Response: 10709084
Conc: 52.41 ng/ml



#6 beta-BHC

R.T.: 6.680 min
Delta R.T.: 0.000 min
Response: 57864069
Conc: 51.34 ng/ml



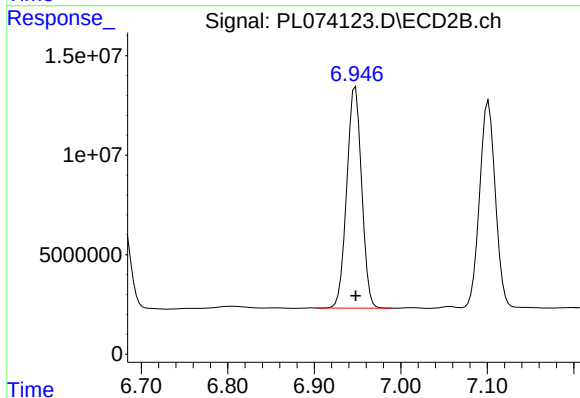
#7 delta-BHC

R.T.: 6.409 min
Delta R.T.: -0.003 min
Response: 21795731
Conc: 52.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
E14-EB1-041322-5-10MS

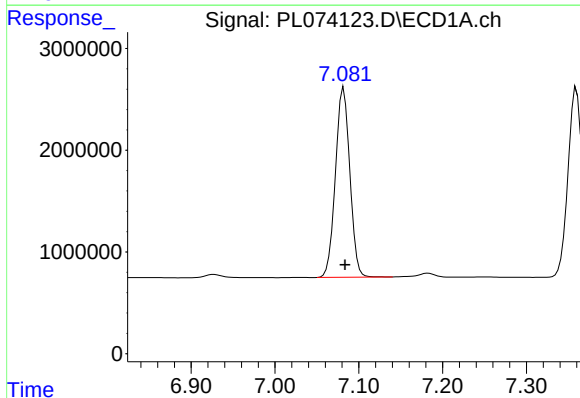
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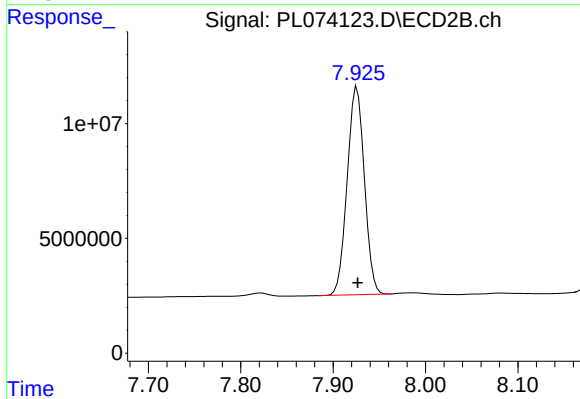
#7 delta-BHC

R.T.: 6.948 min
Delta R.T.: 0.000 min
Response: 132267528
Conc: 54.16 ng/ml



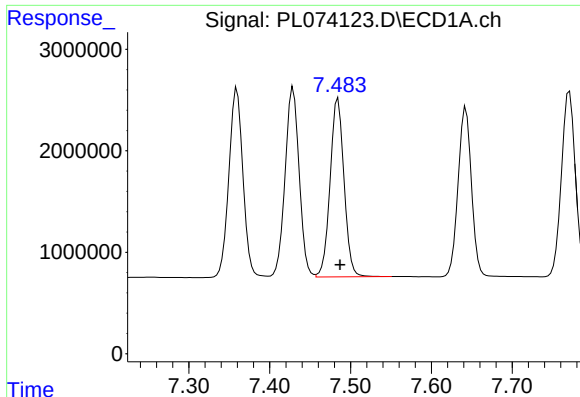
#8 Heptachlor epoxide

R.T.: 7.082 min
Delta R.T.: -0.002 min
Response: 22250818
Conc: 51.87 ng/ml



#8 Heptachlor epoxide

R.T.: 7.926 min
Delta R.T.: 0.000 min
Response: 117319356
Conc: 52.11 ng/ml



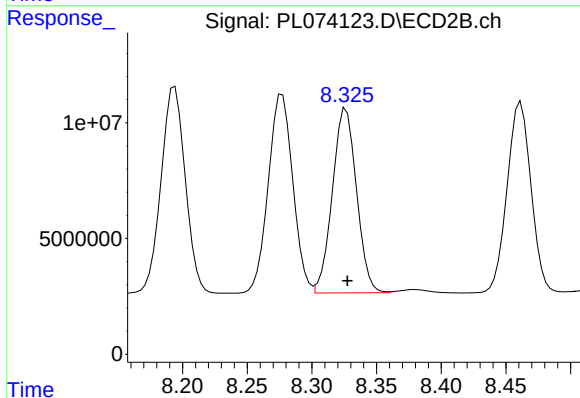
#9 Endosulfan I

R.T.: 7.485 min
Delta R.T.: -0.003 min
Response: 21081951
Conc: 51.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
E14-EB1-041322-5-10MS

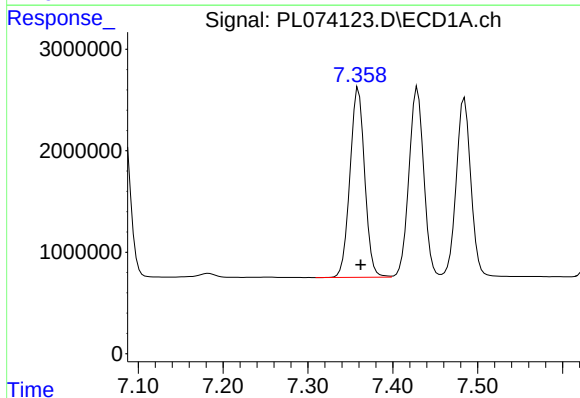
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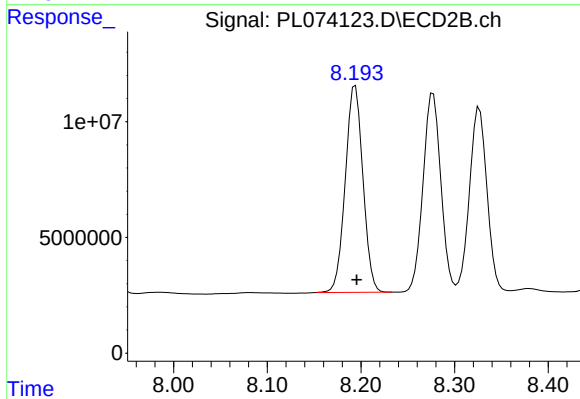
#9 Endosulfan I

R.T.: 8.326 min
Delta R.T.: -0.001 min
Response: 103471724
Conc: 52.56 ng/ml



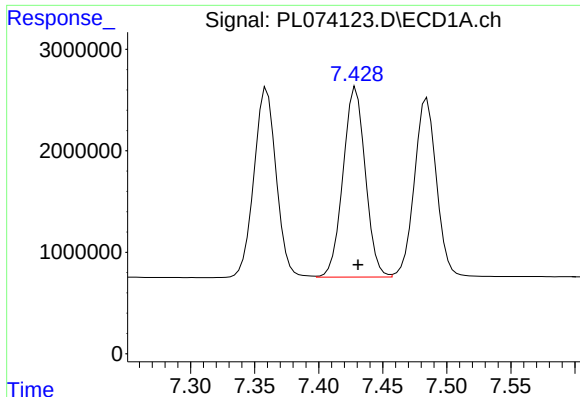
#10 gamma-Chlordane

R.T.: 7.359 min
Delta R.T.: -0.003 min
Response: 22525295
Conc: 51.36 ng/ml



#10 gamma-Chlordane

R.T.: 8.194 min
Delta R.T.: -0.001 min
Response: 116997503
Conc: 52.46 ng/ml



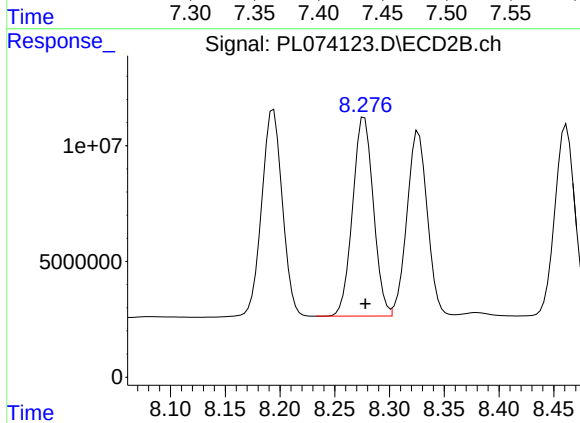
#11 alpha-Chlordane

R.T.: 7.429 min
Delta R.T.: -0.002 min
Response: 22641549
Conc: 51.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
E14-EB1-041322-5-10MS

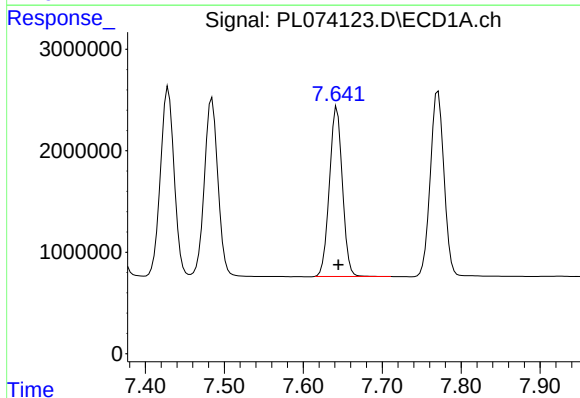
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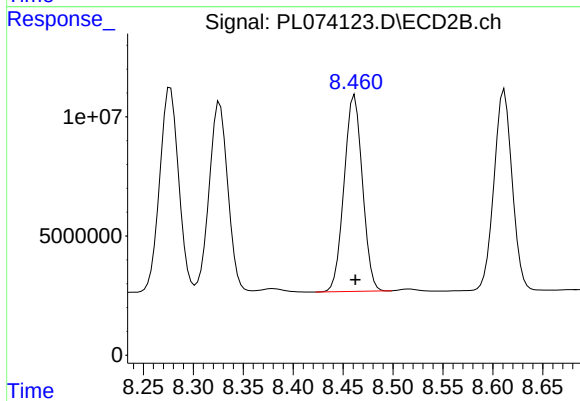
#11 alpha-Chlordane

R.T.: 8.277 min
Delta R.T.: 0.000 min
Response: 113556130
Conc: 52.75 ng/ml



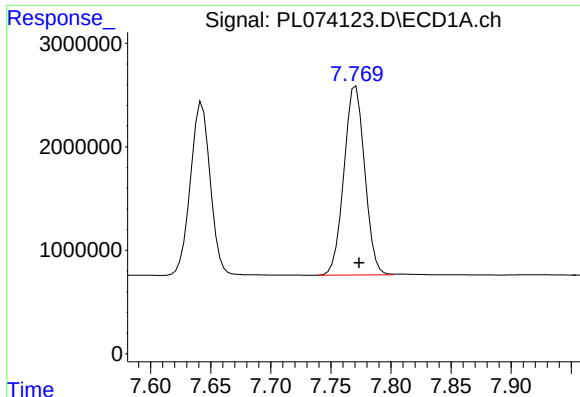
#12 4,4'-DDE

R.T.: 7.643 min
Delta R.T.: -0.002 min
Response: 19141324
Conc: 52.47 ng/ml



#12 4,4'-DDE

R.T.: 8.461 min
Delta R.T.: 0.000 min
Response: 105394680
Conc: 52.92 ng/ml



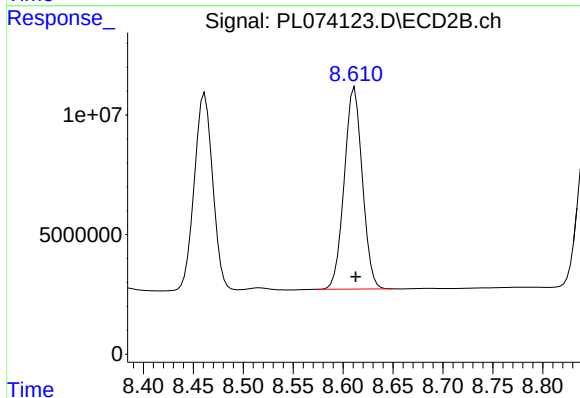
#13 Dieldrin

R.T.: 7.769 min
Delta R.T.: -0.004 min
Response: 21966004
Conc: 51.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
E14-EB1-041322-5-10MS

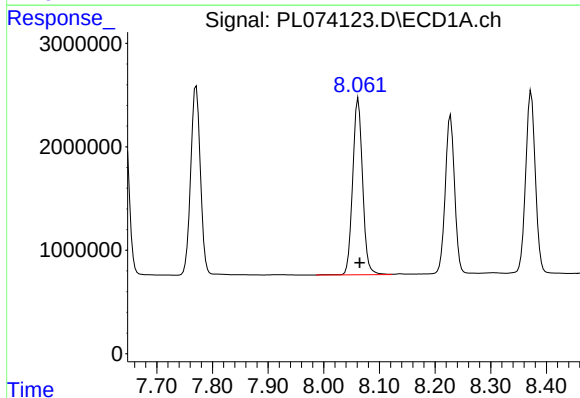
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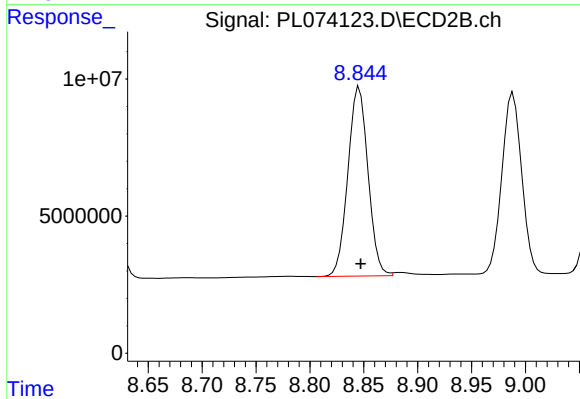
#13 Dieldrin

R.T.: 8.611 min
Delta R.T.: -0.001 min
Response: 106414510
Conc: 53.07 ng/ml



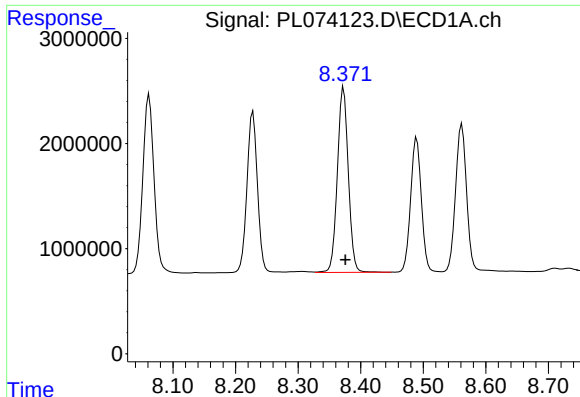
#14 Endrin

R.T.: 8.062 min
Delta R.T.: -0.003 min
Response: 21122206
Conc: 52.00 ng/ml



#14 Endrin

R.T.: 8.846 min
Delta R.T.: -0.001 min
Response: 89709234
Conc: 52.97 ng/ml



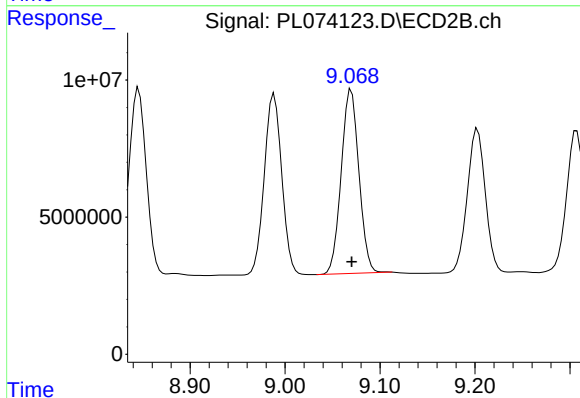
#15 Endosulfan II

R.T.: 8.373 min
Delta R.T.: -0.003 min
Response: 21466643
Conc: 52.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
E14-EB1-041322-5-10MS

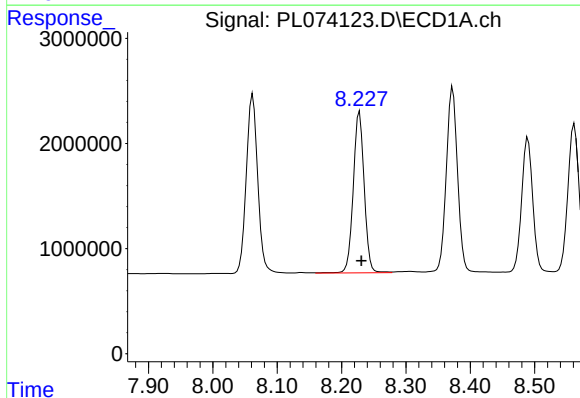
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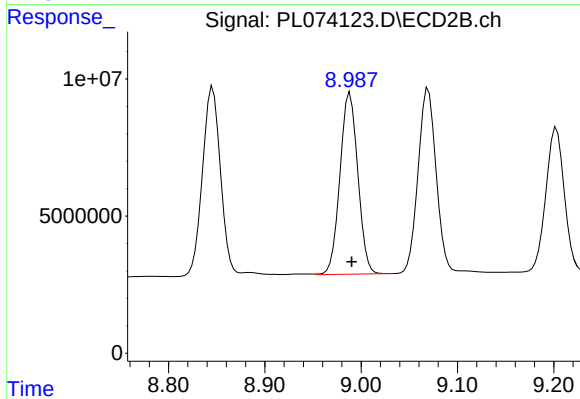
#15 Endosulfan II

R.T.: 9.070 min
Delta R.T.: 0.000 min
Response: 87274146
Conc: 50.24 ng/ml



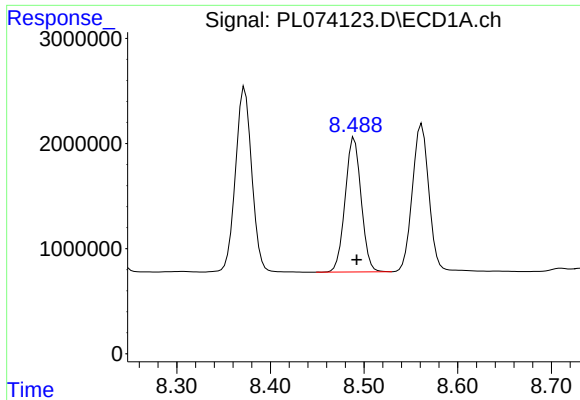
#16 4,4'-DDD

R.T.: 8.228 min
Delta R.T.: -0.003 min
Response: 18123947
Conc: 56.12 ng/ml



#16 4,4'-DDD

R.T.: 8.989 min
Delta R.T.: -0.001 min
Response: 85035317
Conc: 55.27 ng/ml



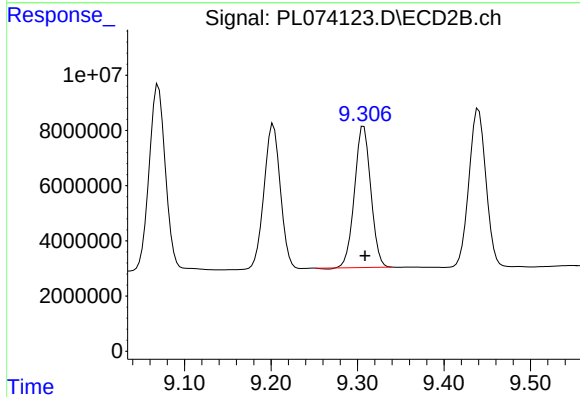
#17 4,4'-DDT

R.T.: 8.490 min
Delta R.T.: -0.002 min
Response: 15206147
Conc: 41.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
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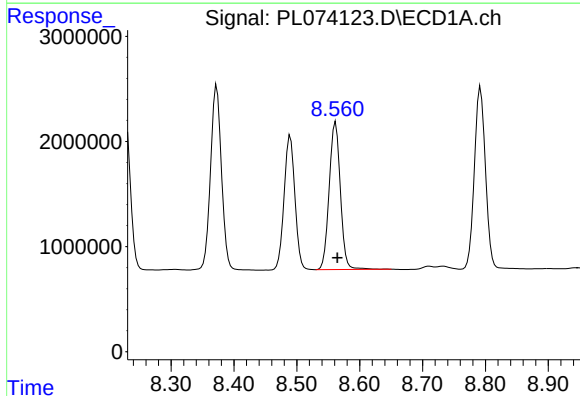
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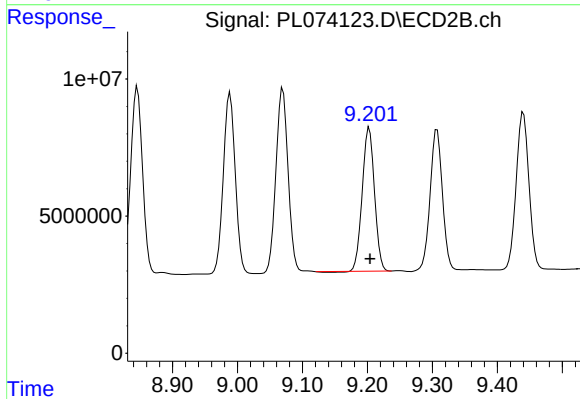
#17 4,4'-DDT

R.T.: 9.307 min
Delta R.T.: -0.002 min
Response: 66971034
Conc: 37.78 ng/ml



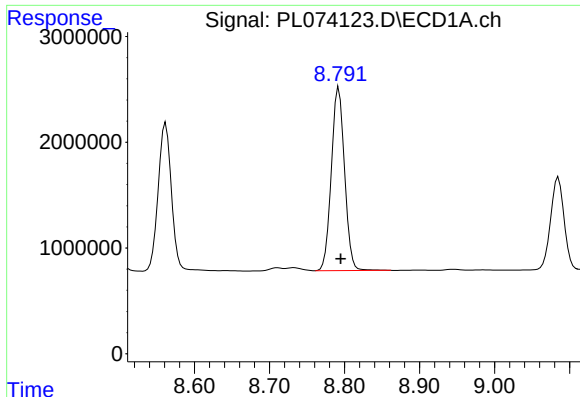
#18 Endrin aldehyde

R.T.: 8.562 min
Delta R.T.: -0.003 min
Response: 17313036
Conc: 53.51 ng/ml



#18 Endrin aldehyde

R.T.: 9.203 min
Delta R.T.: -0.002 min
Response: 68081972
Conc: 52.71 ng/ml



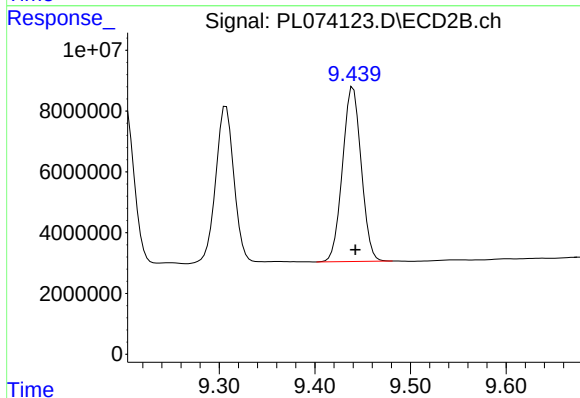
#19 Endosulfan Sulfate

R.T.: 8.792 min
Delta R.T.: -0.003 min
Response: 21192505
Conc: 49.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
E14-EB1-041322-5-10MS

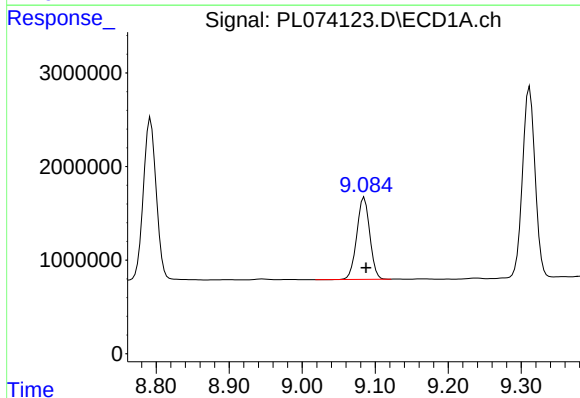
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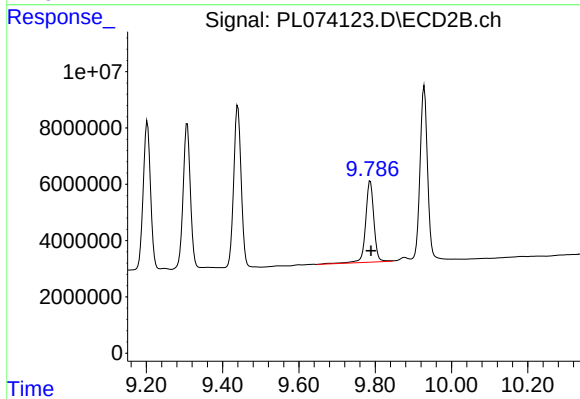
#19 Endosulfan Sulfate

R.T.: 9.440 min
Delta R.T.: -0.002 min
Response: 78208111
Conc: 46.99 ng/ml



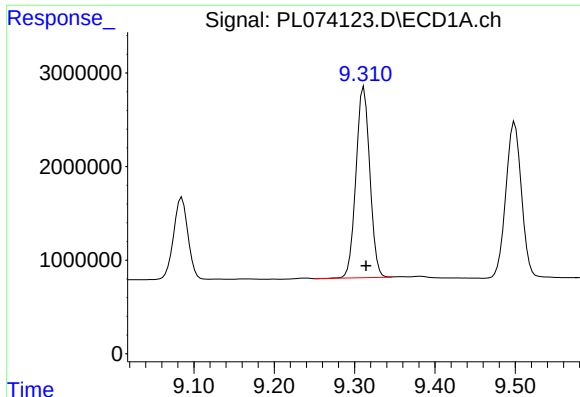
#20 Methoxychlor

R.T.: 9.085 min
Delta R.T.: -0.002 min
Response: 10837150
Conc: 43.65 ng/ml



#20 Methoxychlor

R.T.: 9.787 min
Delta R.T.: -0.002 min
Response: 43042117
Conc: 44.75 ng/ml



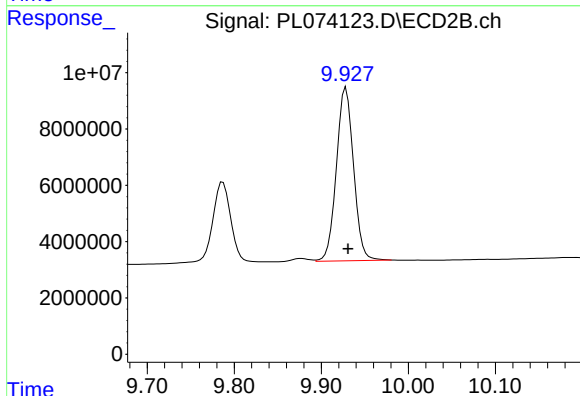
#21 Endrin ketone

R.T.: 9.312 min
Delta R.T.: -0.003 min
Response: 24421385
Conc: 49.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
E14-EB1-041322-5-10MS

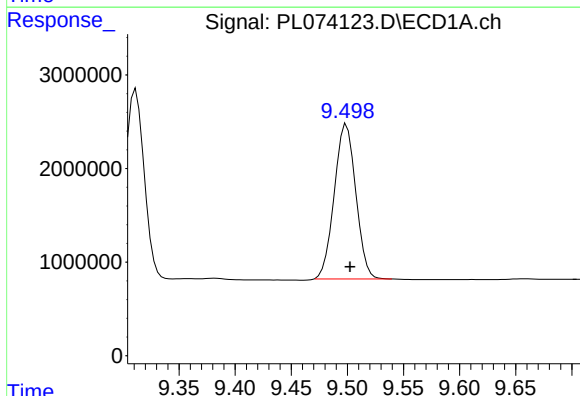
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/18/2022
Supervised By :mohammad ahmed 04/18/2022



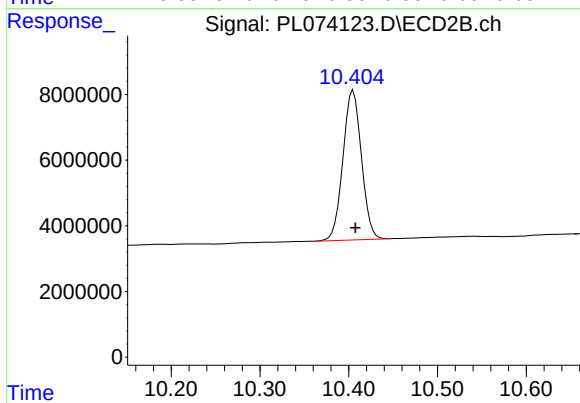
#21 Endrin ketone

R.T.: 9.928 min
Delta R.T.: -0.002 min
Response: 84542611
Conc: 48.84 ng/ml



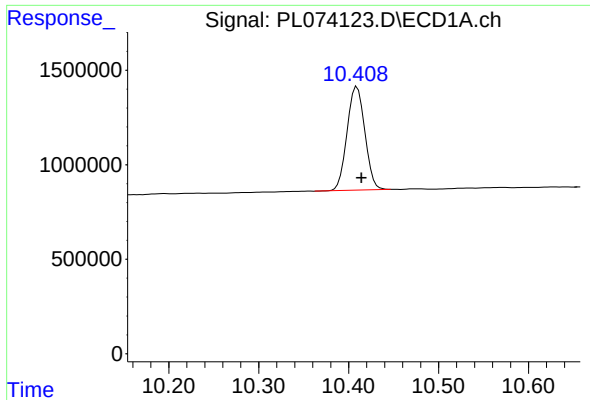
#22 Mirex

R.T.: 9.499 min
Delta R.T.: -0.003 min
Response: 22104771
Conc: 47.39 ng/ml



#22 Mirex

R.T.: 10.405 min
Delta R.T.: -0.002 min
Response: 65803267
Conc: 47.77 ng/ml



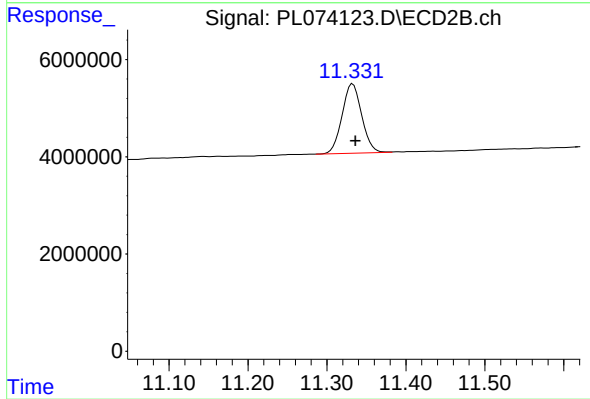
#28 Decachlorobiphenyl

R.T.: 10.409 min
Delta R.T.: -0.005 min
Response: 7527030
Conc: 14.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
E14-EB1-041322-5-10MS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 11.333 min
Delta R.T.: -0.003 min
Response: 24591685
Conc: 13.92 ng/ml