

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041522\
 Data File : PL074124.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Apr 2022 20:17
 Operator : AR\AJ
 Sample : N2430-03MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

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

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 03:44:08 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	6690543	35905677	20.707	20.138
28)	SA Decachlor...	10.409	11.334	7717331	25500972	14.840	14.438
Target Compounds							
2)	A alpha-BHC	5.345	6.053	23194641	145.9E6	55.270	57.956
3)	MA gamma-BHC...	5.769	6.443	22374713	134.6E6	53.350	56.863
4)	MA Heptachlor	6.179	7.102	22283696	134.5E6	49.469	51.550
5)	MB Aldrin	6.503	7.470	22511553	134.2E6	54.238m	57.132
6)	B beta-BHC	6.149	6.680	10829132	59199107	52.999	52.527
7)	B delta-BHC	6.409	6.947	21942831	134.5E6	53.044m	55.072
8)	B Heptachlo...	7.081	7.926	22526375	118.2E6	52.517	52.493
9)	A Endosulfan I	7.485	8.327	21302995	106.4E6	51.943	54.024
10)	B gamma-Chl...	7.359	8.194	22681575	118.2E6	51.715	52.986
11)	B alpha-Chl...	7.429	8.277	22880775	116.1E6	51.793	53.913
12)	B 4,4'-DDE	7.643	8.461	19364572	109.6E6	53.080	55.019
13)	MA Dieldrin	7.769	8.611	22209198	109.1E6	51.701m	54.421
14)	MA Endrin	8.062	8.846	21277692	90544496	52.378	53.461
15)	B Endosulfa...	8.373	9.070	21727942	88577777	52.717	50.988
16)	A 4,4'-DDD	8.228	8.989	18081905	84659341	55.994	55.024
17)	MA 4,4'-DDT	8.489	9.307	16119670	71051085	43.609	40.081
18)	B Endrin al...	8.561	9.202	17716943	70150060	54.757	54.312
19)	B Endosulfa...	8.792	9.440	21638211	80131357	50.672	48.146
20)	A Methoxychlor	9.083	9.787	11345185	42429818	45.697	44.113
21)	B Endrin ke...	9.311	9.929	24912355	86781608	50.992	50.135
22)	Mirex	9.498	10.405	22591410	66786412	48.438	48.487

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041522\
 Data File : PL074124.D
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 Acq On : 15 Apr 2022 20:17
 Operator : AR\AJ
 Sample : N2430-03MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

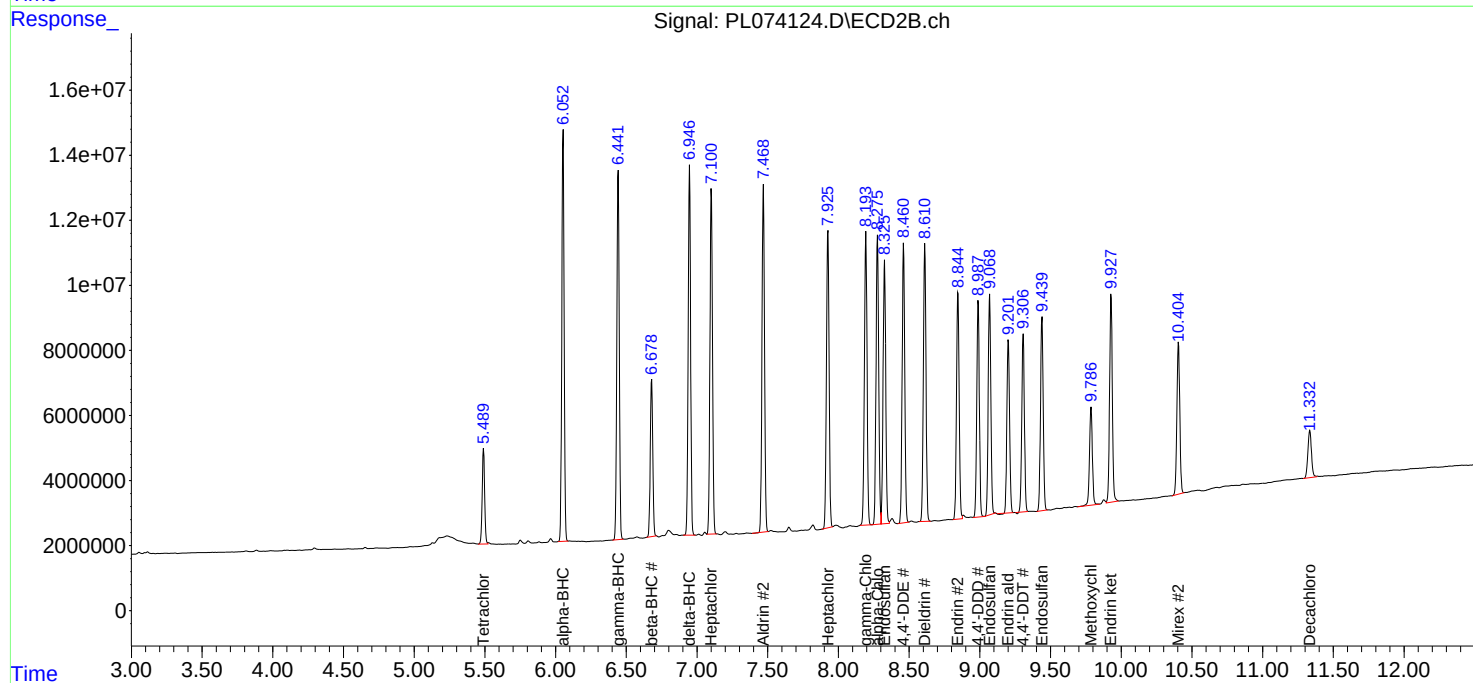
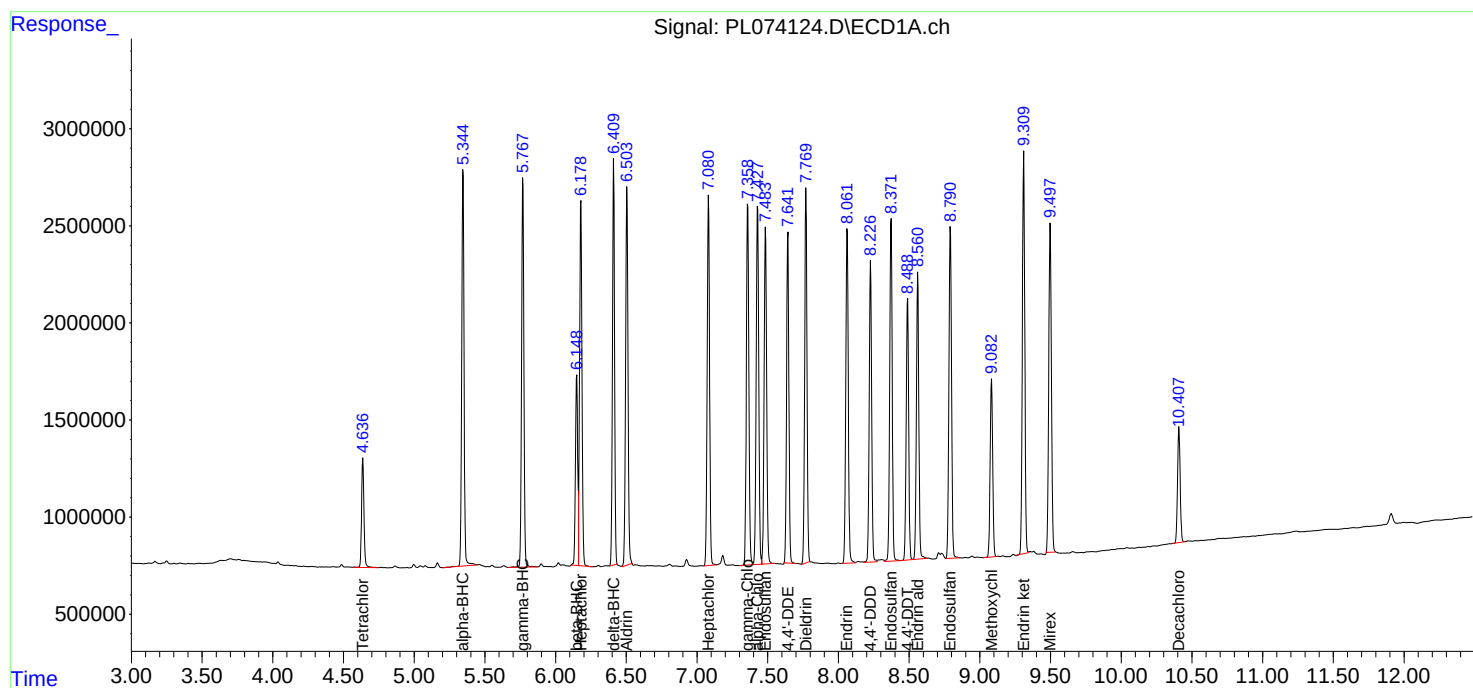
Instrument :
 ECD_L
 ClientSampleId :
 E14-EB1-041322-5-10MSD

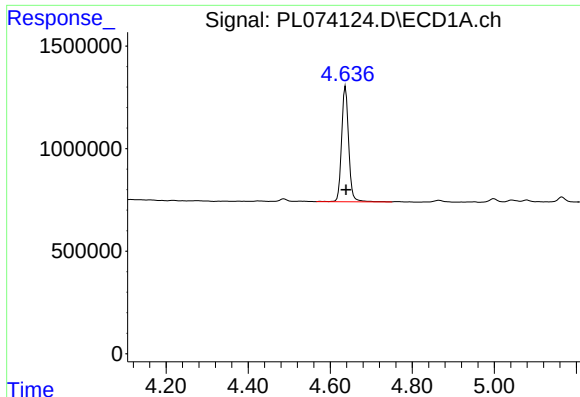
Manual Integrations APPROVED

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 Supervised By :mohammad ahmed 04/18/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 16 03:44:08 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL040822.M
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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





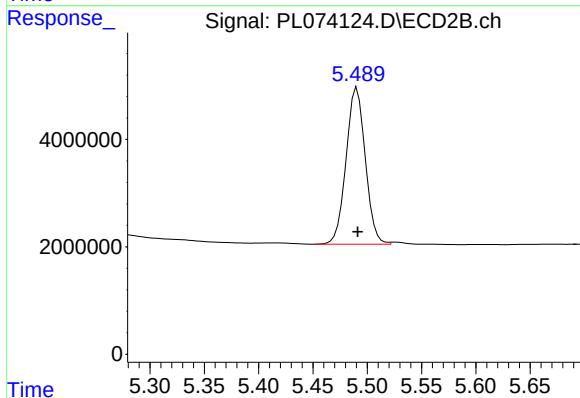
#1 Tetrachloro-m-xylene

R.T.: 4.637 min
Delta R.T.: -0.002 min
Response: 6690543
Conc: 20.71 ng/ml

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

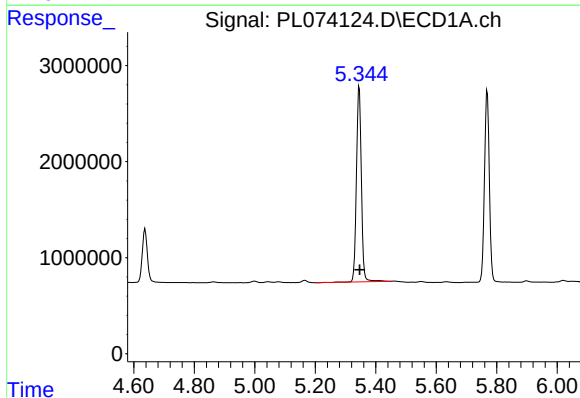
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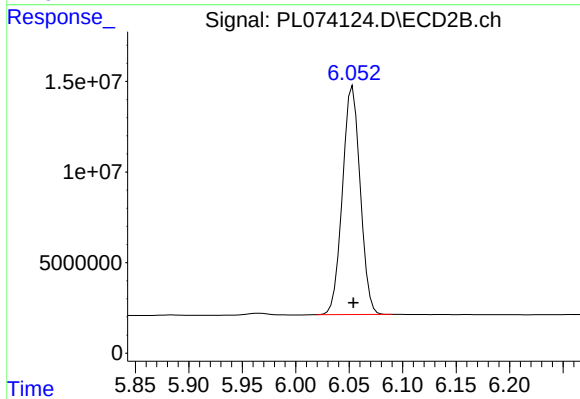
#1 Tetrachloro-m-xylene

R.T.: 5.491 min
Delta R.T.: 0.000 min
Response: 35905677
Conc: 20.14 ng/ml



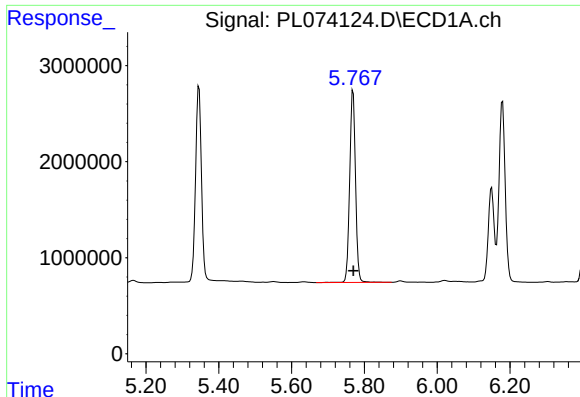
#2 alpha-BHC

R.T.: 5.345 min
Delta R.T.: -0.001 min
Response: 23194641
Conc: 55.27 ng/ml



#2 alpha-BHC

R.T.: 6.053 min
Delta R.T.: 0.000 min
Response: 145938531
Conc: 57.96 ng/ml



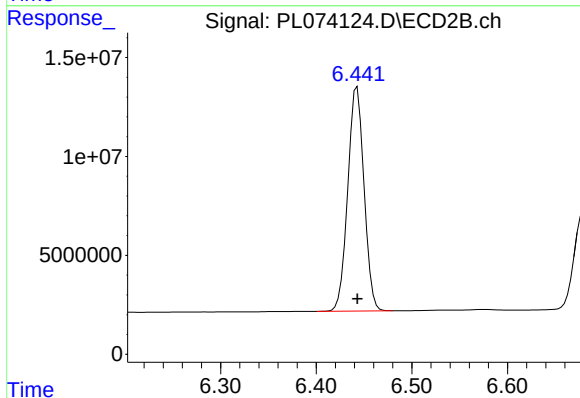
#3 gamma-BHC (Lindane)

R.T.: 5.769 min
Delta R.T.: -0.001 min
Response: 22374713
Conc: 53.35 ng/ml

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

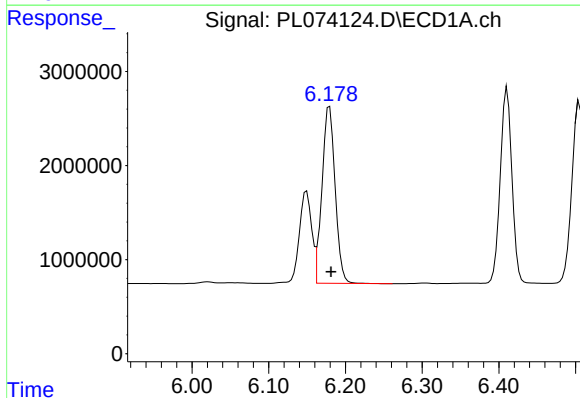
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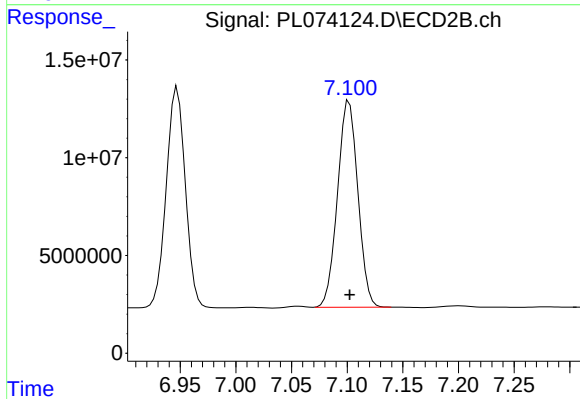
#3 gamma-BHC (Lindane)

R.T.: 6.443 min
Delta R.T.: 0.000 min
Response: 134601637
Conc: 56.86 ng/ml



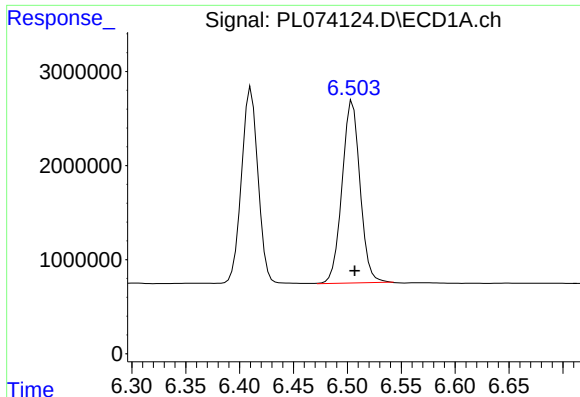
#4 Heptachlor

R.T.: 6.179 min
Delta R.T.: -0.002 min
Response: 22283696
Conc: 49.47 ng/ml



#4 Heptachlor

R.T.: 7.102 min
Delta R.T.: 0.000 min
Response: 134464846
Conc: 51.55 ng/ml



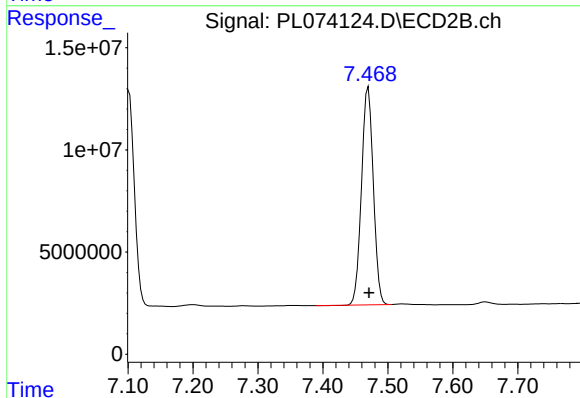
#5 Aldrin

R.T.: 6.503 min
Delta R.T.: -0.003 min
Response: 22511553
Conc: 54.24 ng/ml

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

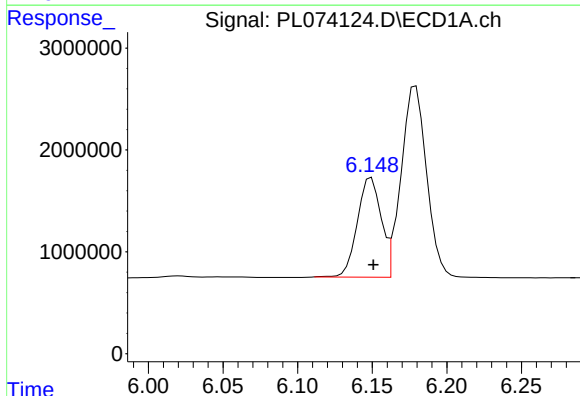
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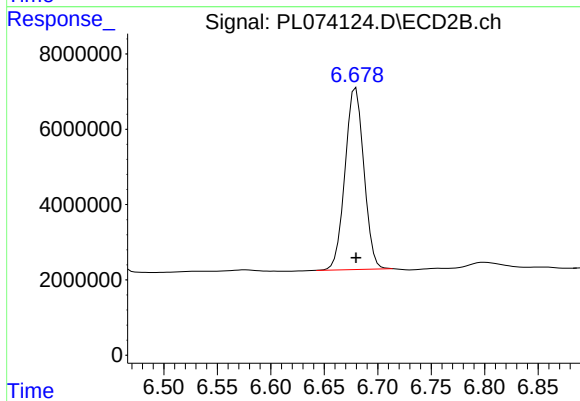
#5 Aldrin

R.T.: 7.470 min
Delta R.T.: -0.001 min
Response: 134179946
Conc: 57.13 ng/ml



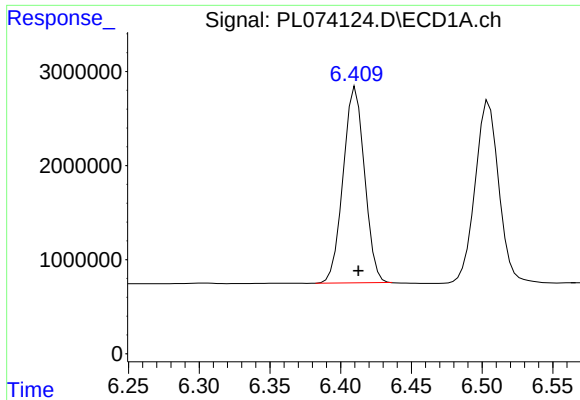
#6 beta-BHC

R.T.: 6.149 min
Delta R.T.: -0.001 min
Response: 10829132
Conc: 53.00 ng/ml



#6 beta-BHC

R.T.: 6.680 min
Delta R.T.: 0.000 min
Response: 59199107
Conc: 52.53 ng/ml



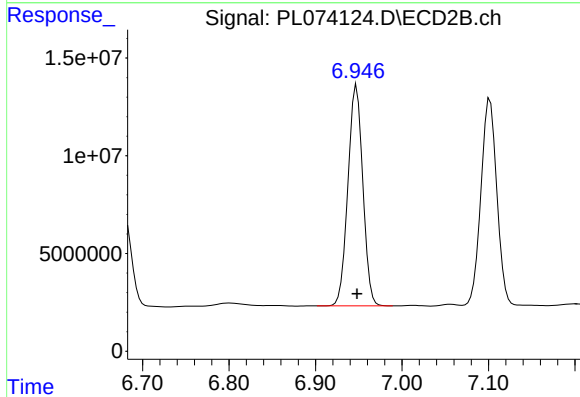
#7 delta-BHC

R.T.: 6.409 min
Delta R.T.: -0.003 min
Response: 21942831
Conc: 53.04 ng/ml

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

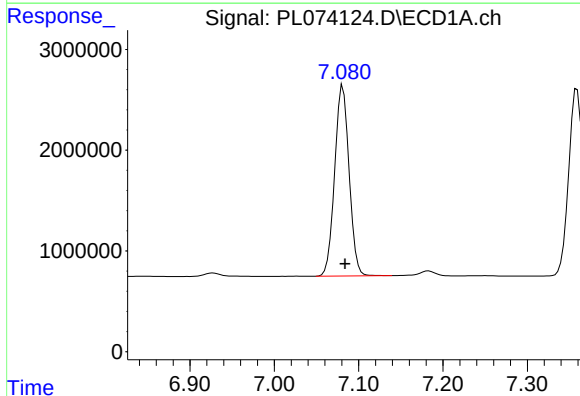
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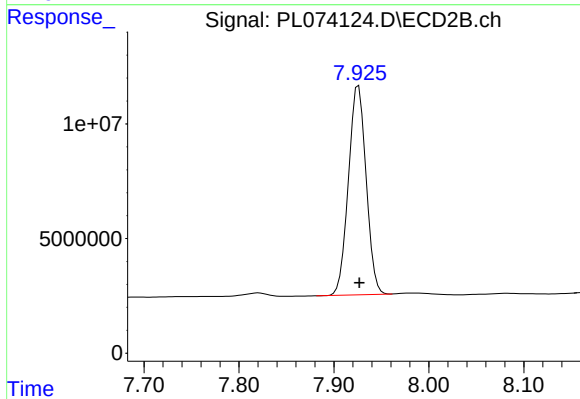
#7 delta-BHC

R.T.: 6.947 min
Delta R.T.: 0.000 min
Response: 134499892
Conc: 55.07 ng/ml



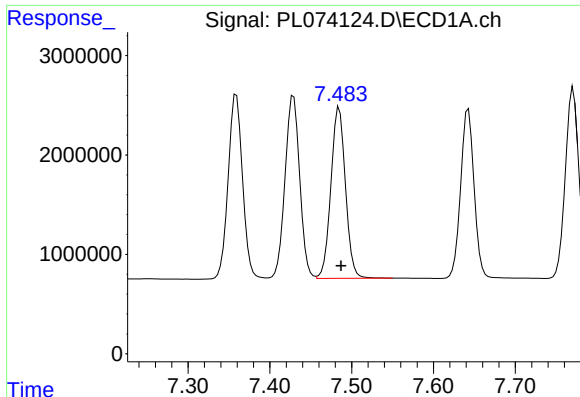
#8 Heptachlor epoxide

R.T.: 7.081 min
Delta R.T.: -0.002 min
Response: 22526375
Conc: 52.52 ng/ml



#8 Heptachlor epoxide

R.T.: 7.926 min
Delta R.T.: 0.000 min
Response: 118191508
Conc: 52.49 ng/ml



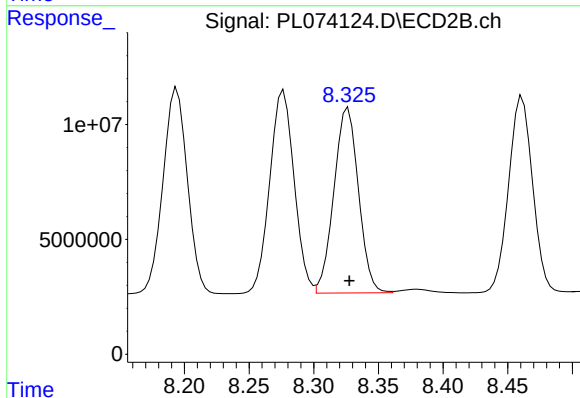
#9 Endosulfan I

R.T.: 7.485 min
Delta R.T.: -0.002 min
Response: 21302995
Conc: 51.94 ng/ml

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

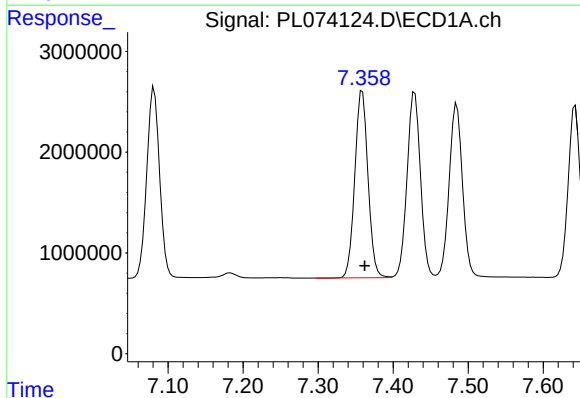
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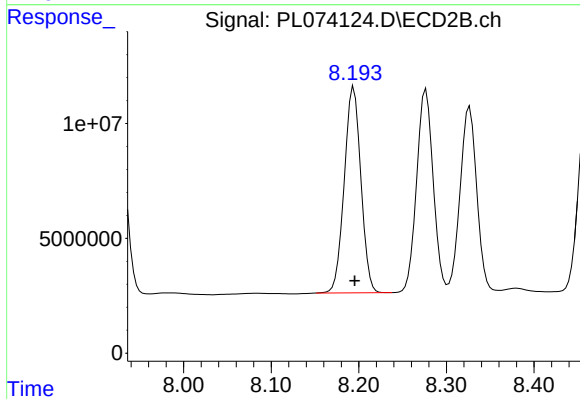
#9 Endosulfan I

R.T.: 8.327 min
Delta R.T.: -0.001 min
Response: 106354646
Conc: 54.02 ng/ml



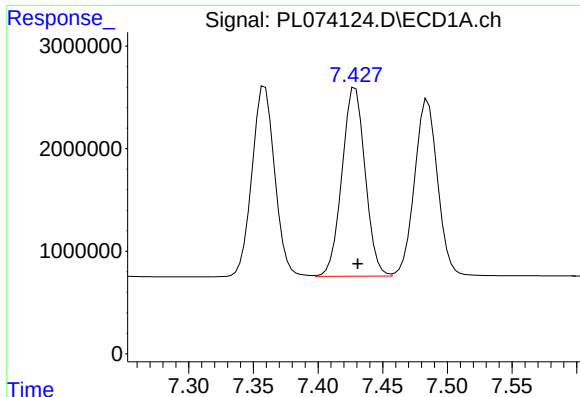
#10 gamma-Chlordane

R.T.: 7.359 min
Delta R.T.: -0.003 min
Response: 22681575
Conc: 51.71 ng/ml



#10 gamma-Chlordane

R.T.: 8.194 min
Delta R.T.: -0.001 min
Response: 118177499
Conc: 52.99 ng/ml



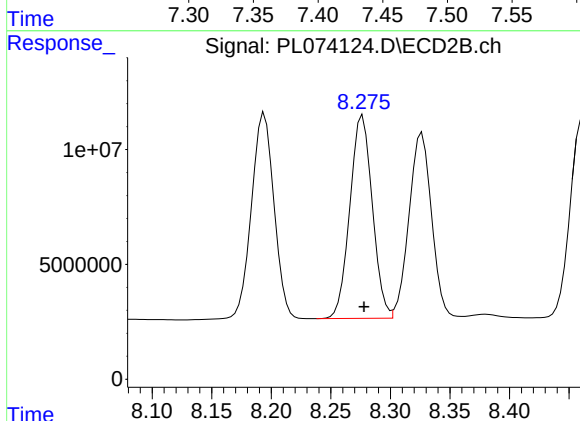
#11 alpha-Chlordane

R.T.: 7.429 min
Delta R.T.: -0.002 min
Response: 22880775
Conc: 51.79 ng/ml

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

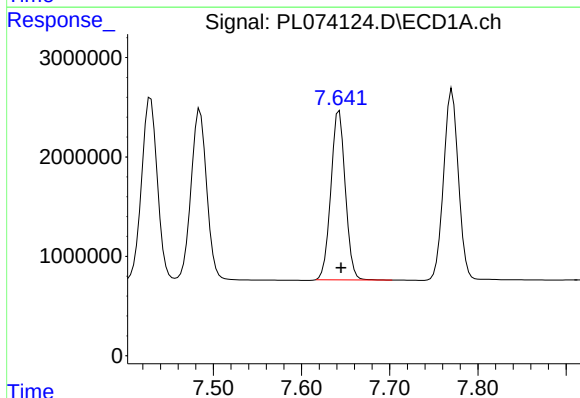
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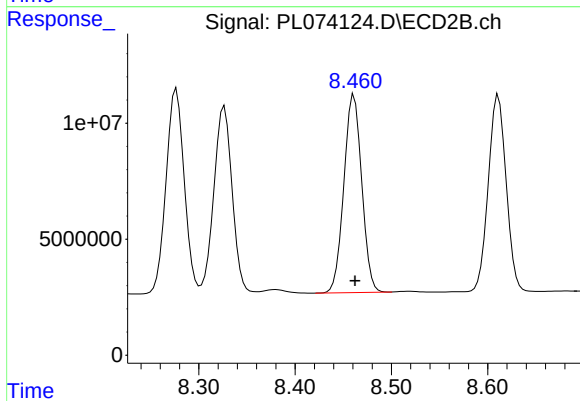
#11 alpha-Chlordane

R.T.: 8.277 min
Delta R.T.: -0.001 min
Response: 116053150
Conc: 53.91 ng/ml



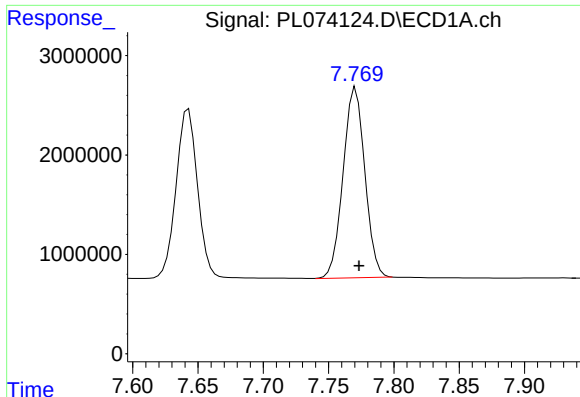
#12 4,4'-DDE

R.T.: 7.643 min
Delta R.T.: -0.002 min
Response: 19364572
Conc: 53.08 ng/ml



#12 4,4'-DDE

R.T.: 8.461 min
Delta R.T.: -0.001 min
Response: 109580942
Conc: 55.02 ng/ml



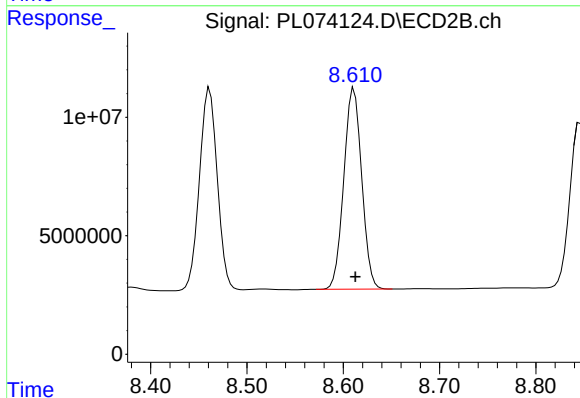
#13 Dieldrin

R.T.: 7.769 min
Delta R.T.: -0.004 min
Response: 22209198
Conc: 51.70 ng/ml

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

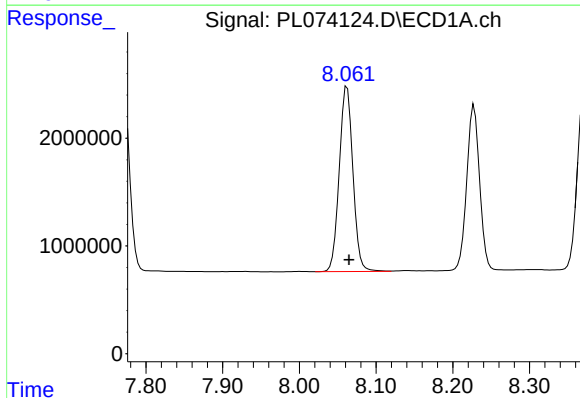
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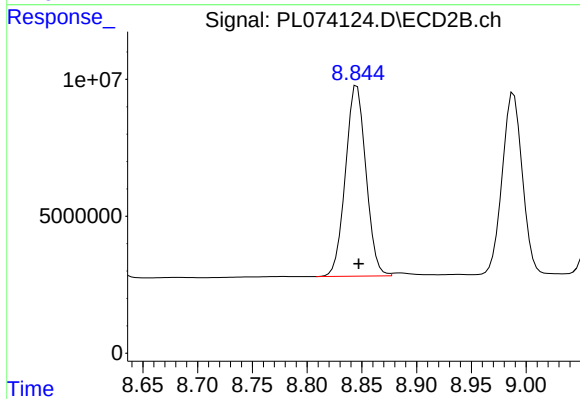
#13 Dieldrin

R.T.: 8.611 min
Delta R.T.: -0.002 min
Response: 109129534
Conc: 54.42 ng/ml



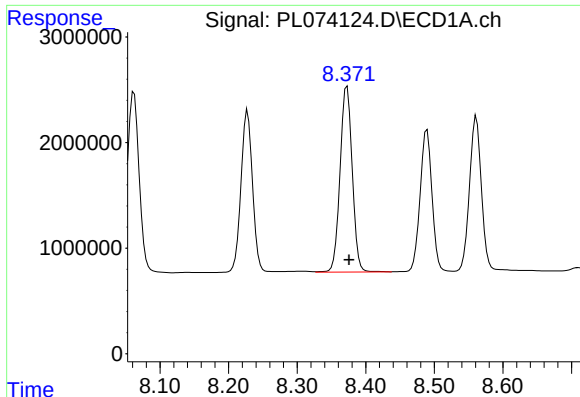
#14 Endrin

R.T.: 8.062 min
Delta R.T.: -0.003 min
Response: 21277692
Conc: 52.38 ng/ml



#14 Endrin

R.T.: 8.846 min
Delta R.T.: -0.002 min
Response: 90544496
Conc: 53.46 ng/ml



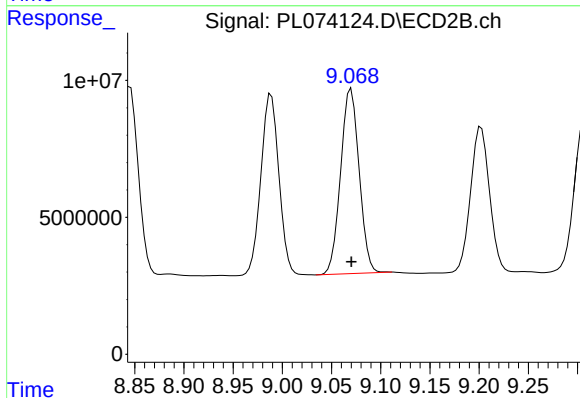
#15 Endosulfan II

R.T.: 8.373 min
Delta R.T.: -0.003 min
Response: 21727942
Conc: 52.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
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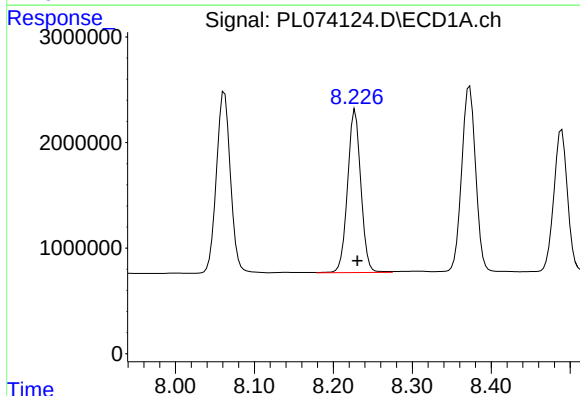
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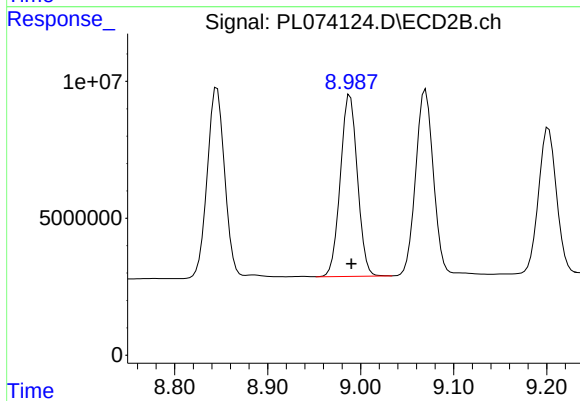
#15 Endosulfan II

R.T.: 9.070 min
Delta R.T.: 0.000 min
Response: 88577777
Conc: 50.99 ng/ml



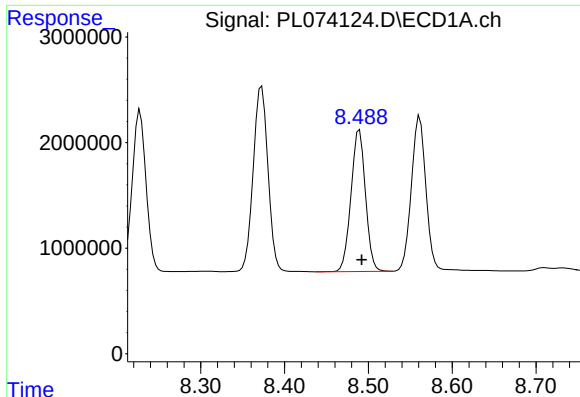
#16 4,4'-DDD

R.T.: 8.228 min
Delta R.T.: -0.003 min
Response: 18081905
Conc: 55.99 ng/ml



#16 4,4'-DDD

R.T.: 8.989 min
Delta R.T.: -0.001 min
Response: 84659341
Conc: 55.02 ng/ml



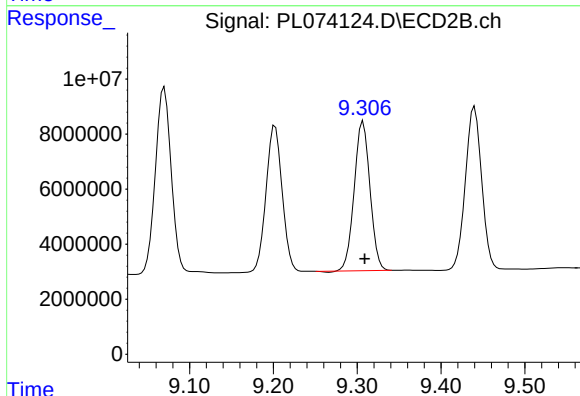
#17 4,4'-DDT

R.T.: 8.489 min
Delta R.T.: -0.003 min
Response: 16119670
Conc: 43.61 ng/ml

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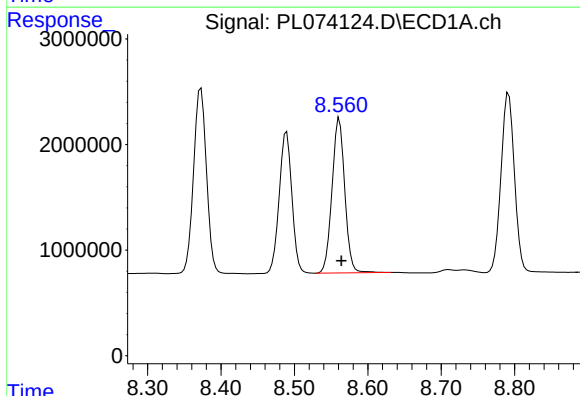
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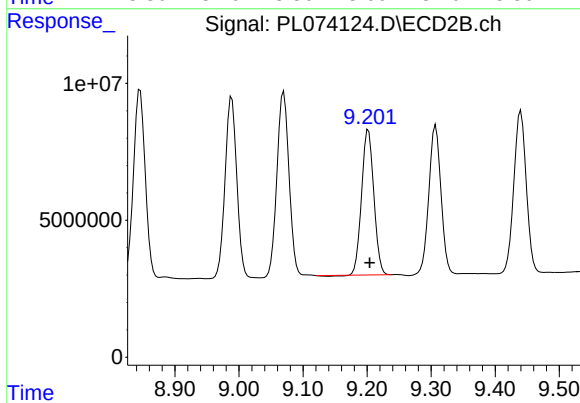
#17 4,4'-DDT

R.T.: 9.307 min
Delta R.T.: -0.002 min
Response: 71051085
Conc: 40.08 ng/ml



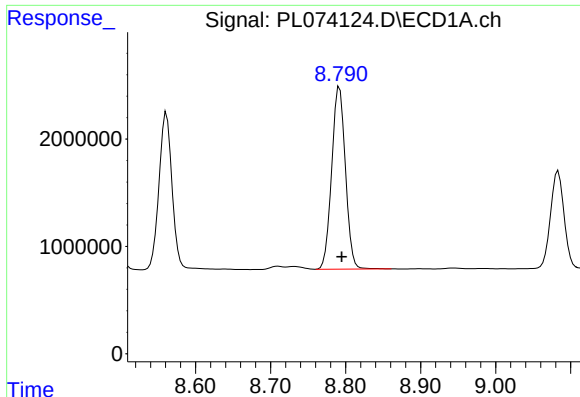
#18 Endrin aldehyde

R.T.: 8.561 min
Delta R.T.: -0.003 min
Response: 17716943
Conc: 54.76 ng/ml



#18 Endrin aldehyde

R.T.: 9.202 min
Delta R.T.: -0.002 min
Response: 70150060
Conc: 54.31 ng/ml



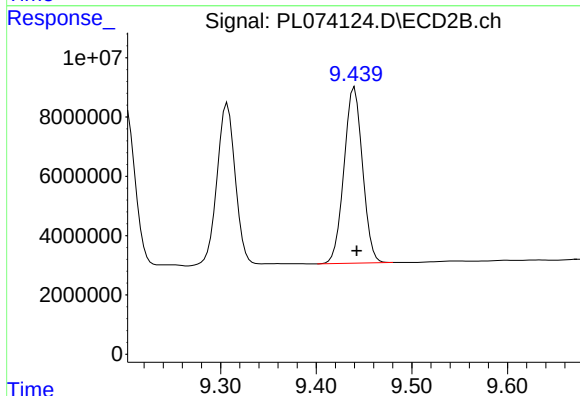
#19 Endosulfan Sulfate

R.T.: 8.792 min
Delta R.T.: -0.003 min
Response: 21638211
Conc: 50.67 ng/ml

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

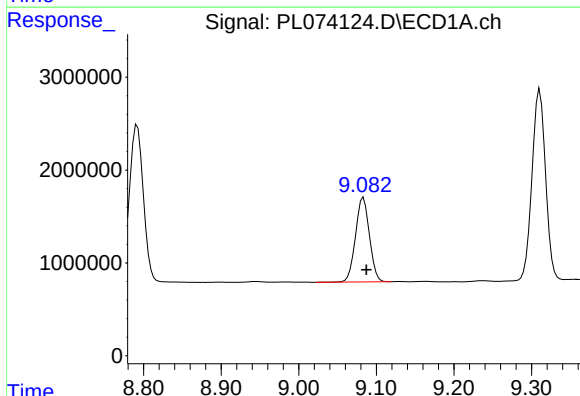
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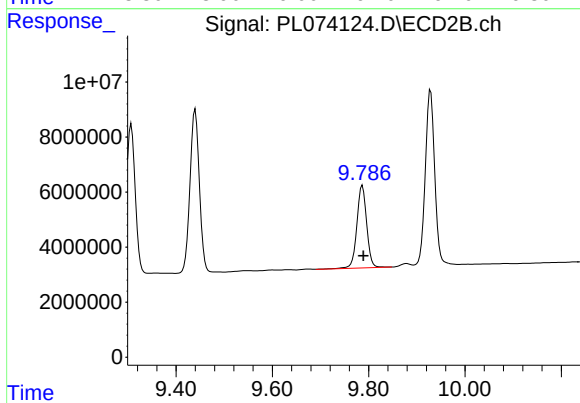
#19 Endosulfan Sulfate

R.T.: 9.440 min
Delta R.T.: -0.002 min
Response: 80131357
Conc: 48.15 ng/ml



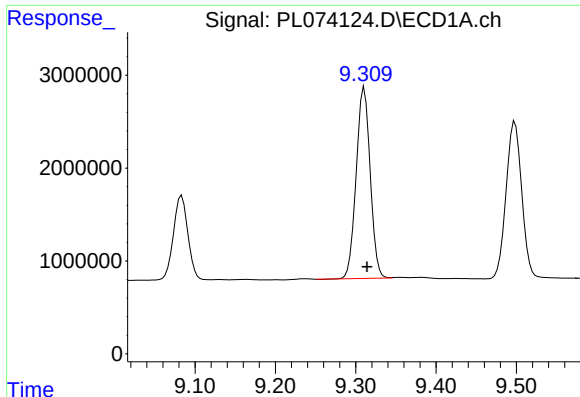
#20 Methoxychlor

R.T.: 9.083 min
Delta R.T.: -0.004 min
Response: 11345185
Conc: 45.70 ng/ml



#20 Methoxychlor

R.T.: 9.787 min
Delta R.T.: -0.002 min
Response: 42429818
Conc: 44.11 ng/ml



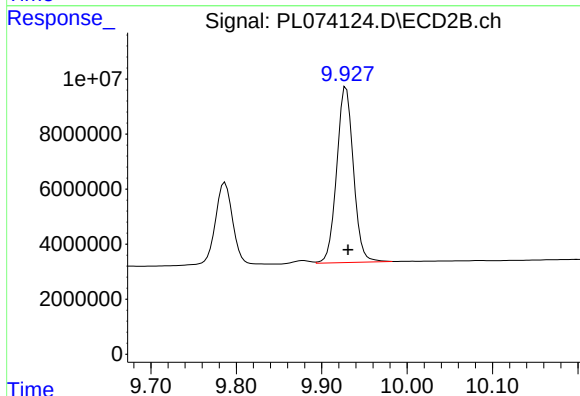
#21 Endrin ketone

R.T.: 9.311 min
Delta R.T.: -0.004 min
Response: 24912355
Conc: 50.99 ng/ml

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

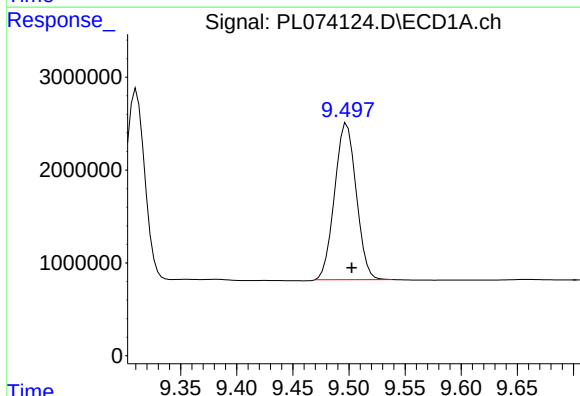
Manual Integrations
APPROVED

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



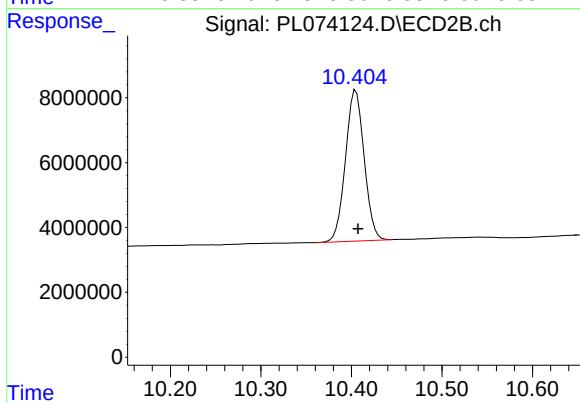
#21 Endrin ketone

R.T.: 9.929 min
Delta R.T.: -0.002 min
Response: 86781608
Conc: 50.14 ng/ml



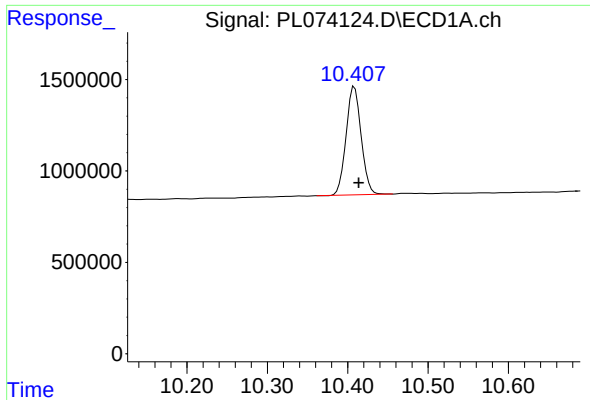
#22 Mirex

R.T.: 9.498 min
Delta R.T.: -0.004 min
Response: 22591410
Conc: 48.44 ng/ml



#22 Mirex

R.T.: 10.405 min
Delta R.T.: -0.003 min
Response: 66786412
Conc: 48.49 ng/ml



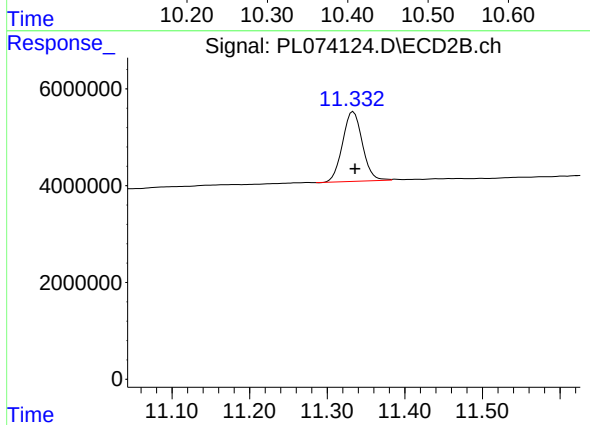
#28 Decachlorobiphenyl

R.T.: 10.409 min
Delta R.T.: -0.005 min
Response: 7717331
Conc: 14.84 ng/ml

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

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 11.334 min
Delta R.T.: -0.002 min
Response: 25500972
Conc: 14.44 ng/ml