

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050322\
 Data File : PL074484.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 May 2022 15:05
 Operator : AR\AJ
 Sample : PB144539BSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB144539BSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/04/2022
 Supervised By : mohammad ahmed 05/04/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 04 04:51:58 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...	4.640	5.486	6961346	37003045	21.545	20.754
28)	SA Decachlor...	10.404	11.331	12102560	40508912	23.273m	22.934
Target Compounds							
2)	A alpha-BHC	5.347	6.050	23024264	134.9E6	54.864	53.586
3)	MA gamma-BHC...	5.770	6.439	22930627	127.0E6	54.675	53.667
4)	MA Heptachlor	6.180	7.099	24872242	136.5E6	55.215	52.347
5)	MB Aldrin	6.504	7.467	23930976	133.6E6	57.658	56.885
6)	B beta-BHC	6.150	6.677	10730068	54695170	52.514	48.531
7)	B delta-BHC	6.412	6.944	22963277	127.2E6	55.511	52.066
8)	B Heptachlo...	7.081	7.924	24037286	121.2E6	56.039	53.826
9)	A Endosulfan I	7.484	8.325	22760766	109.1E6	55.498	55.398
10)	B gamma-Chl...	7.358	8.192	24519532	121.8E6	55.905	54.607
11)	B alpha-Chl...	7.428	8.275	24813201	119.5E6	56.167	55.514
12)	B 4,4'-DDE	7.642	8.460	20899588	115.0E6	57.288	57.731
13)	MA Dieldrin	7.770	8.609	24278480	116.9E6	56.518	58.290
14)	MA Endrin	8.061	8.844	23155100	98867862	56.999	58.375
15)	B Endosulfa...	8.372	9.068	23519505	97543043	57.064	56.149
16)	A 4,4'-DDD	8.227	8.987	17901294	87098246	55.435	56.609
17)	MA 4,4'-DDT	8.488	9.306	20265799	94314289	54.826	53.205
18)	B Endrin al...	8.560	9.201	19634414	77279553	60.684	59.831
19)	B Endosulfa...	8.791	9.439	23514477	91670817	55.066	55.080
20)	A Methoxychlor	9.082	9.786	12656999	49573774	50.981	51.540
21)	B Endrin ke...	9.309	9.927	27504094	97942984	56.297	56.584
22)	Mirex	9.496	10.404	25396934	75592836	54.453	54.881

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050322\
 Data File : PL074484.D
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 Acq On : 03 May 2022 15:05
 Operator : AR\AJ
 Sample : PB144539BSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

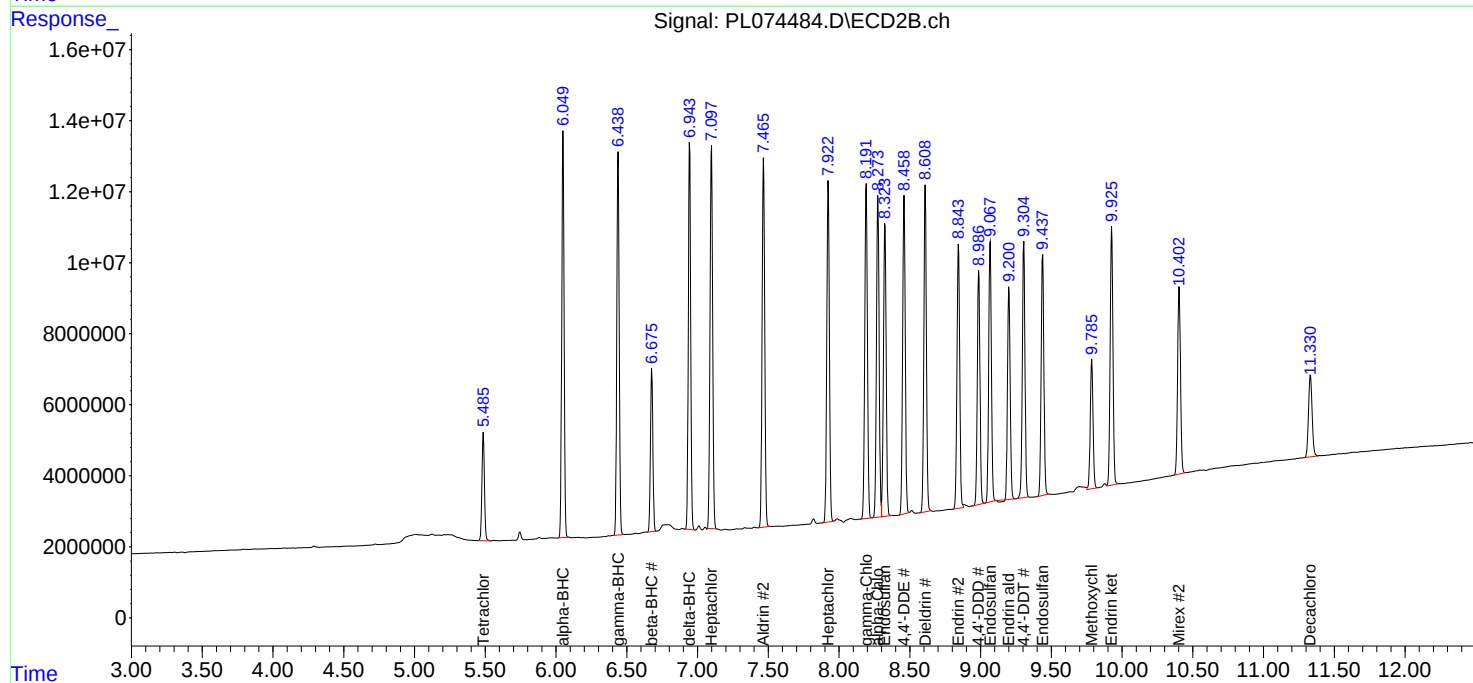
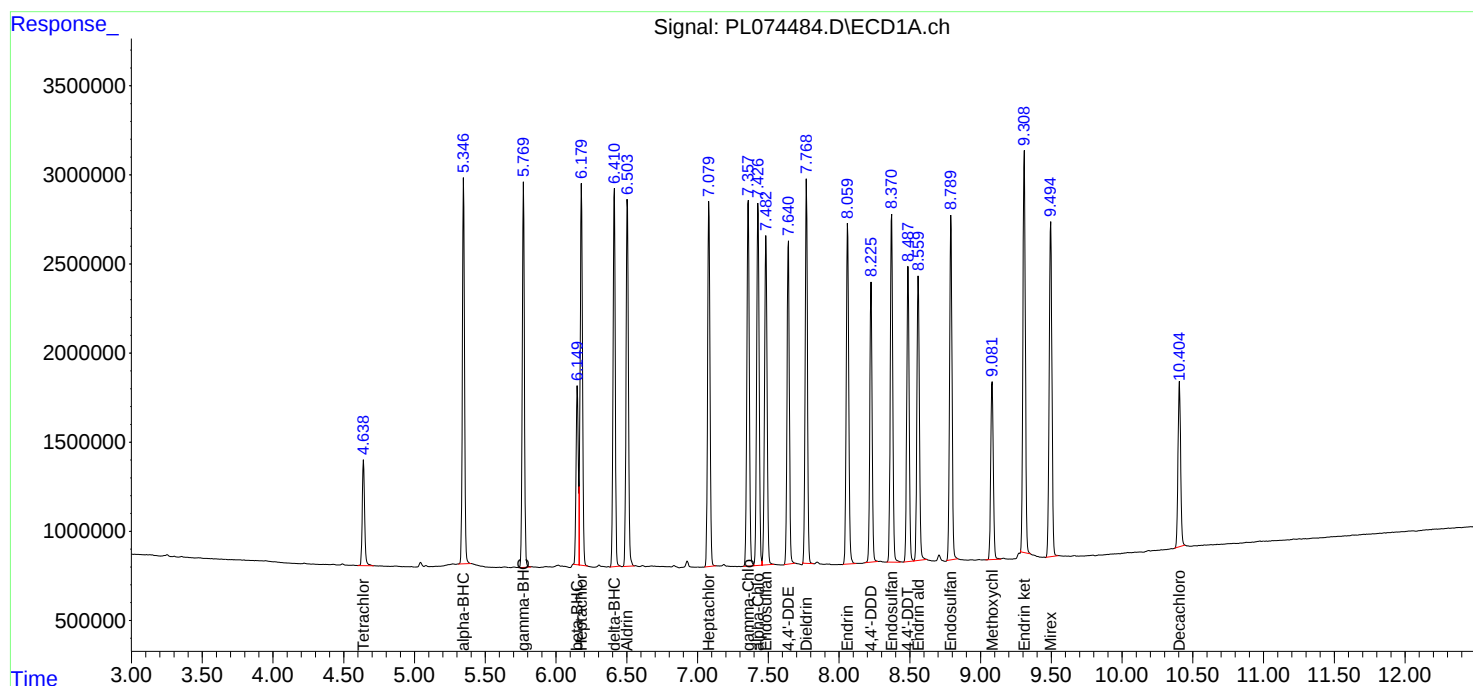
Instrument :
 ECD_L
 ClientSampleId :
 PB144539BSD

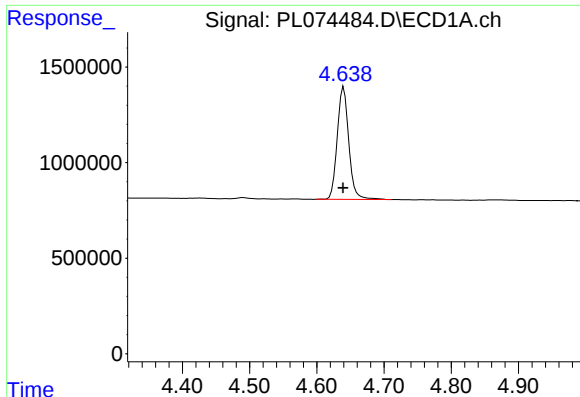
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 Supervised By : mohammad ahmed 05/04/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 04 04:51:58 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL040822.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 14 09:29:23 2022
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Volume Inj. : 1 µl
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





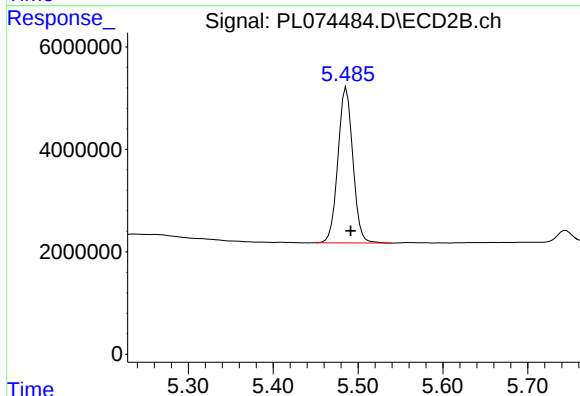
#1 Tetrachloro-m-xylene

R.T.: 4.640 min
Delta R.T.: 0.000 min
Response: 6961346
Conc: 21.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144539BSD

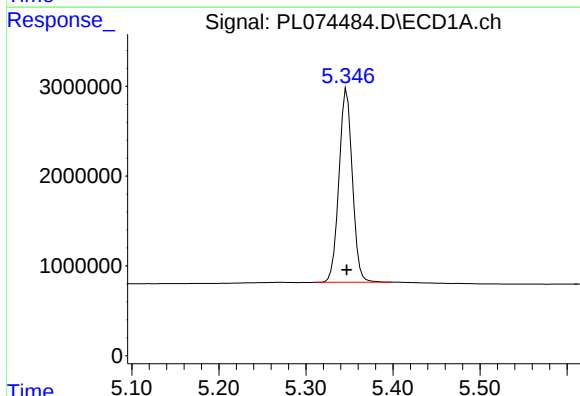
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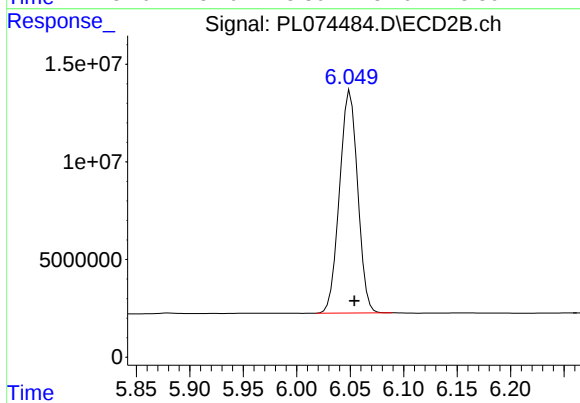
#1 Tetrachloro-m-xylene

R.T.: 5.486 min
Delta R.T.: -0.005 min
Response: 37003045
Conc: 20.75 ng/ml



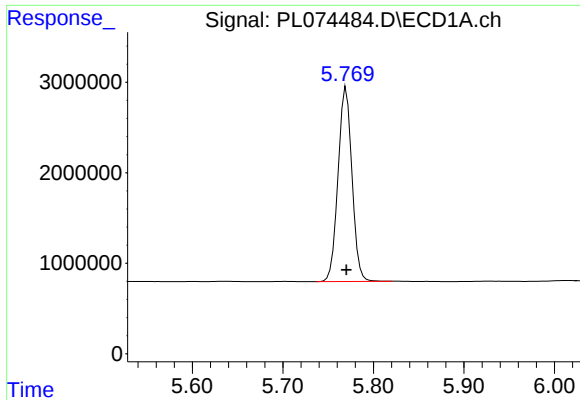
#2 alpha-BHC

R.T.: 5.347 min
Delta R.T.: 0.000 min
Response: 23024264
Conc: 54.86 ng/ml



#2 alpha-BHC

R.T.: 6.050 min
Delta R.T.: -0.004 min
Response: 134933708
Conc: 53.59 ng/ml



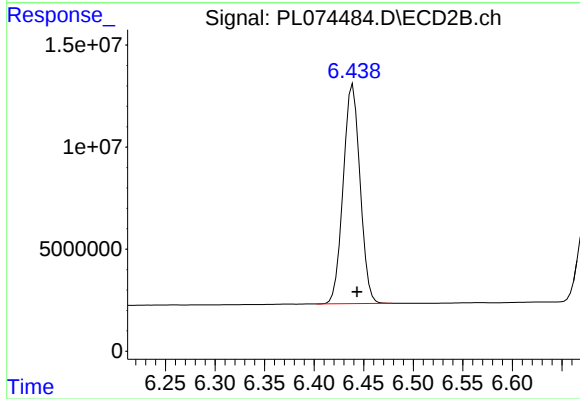
#3 gamma-BHC (Lindane)

R.T.: 5.770 min
Delta R.T.: 0.000 min
Response: 22930627
Conc: 54.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144539BSD

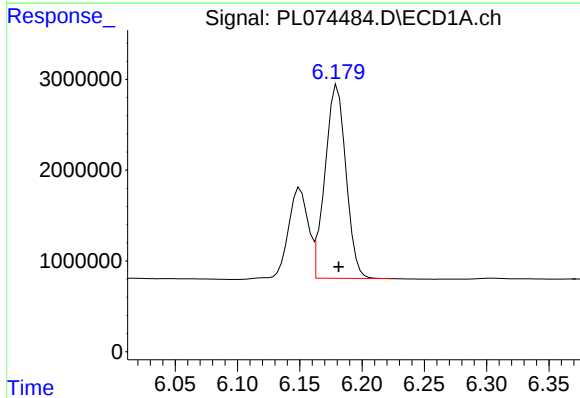
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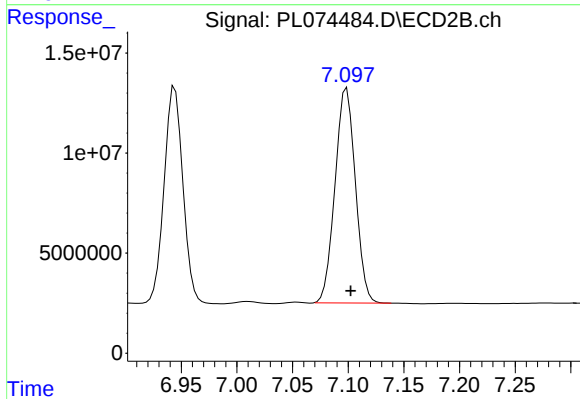
#3 gamma-BHC (Lindane)

R.T.: 6.439 min
Delta R.T.: -0.004 min
Response: 127036220
Conc: 53.67 ng/ml



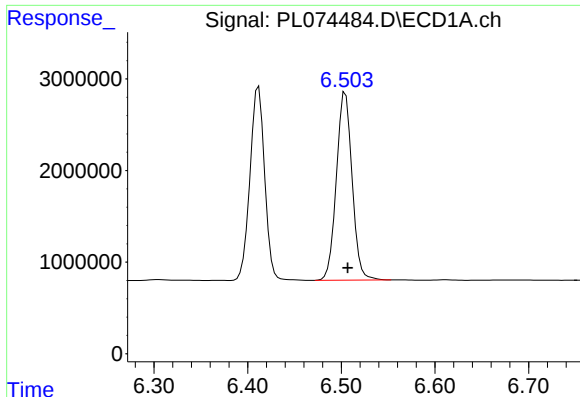
#4 Heptachlor

R.T.: 6.180 min
Delta R.T.: -0.001 min
Response: 24872242
Conc: 55.22 ng/ml



#4 Heptachlor

R.T.: 7.099 min
Delta R.T.: -0.004 min
Response: 136544046
Conc: 52.35 ng/ml



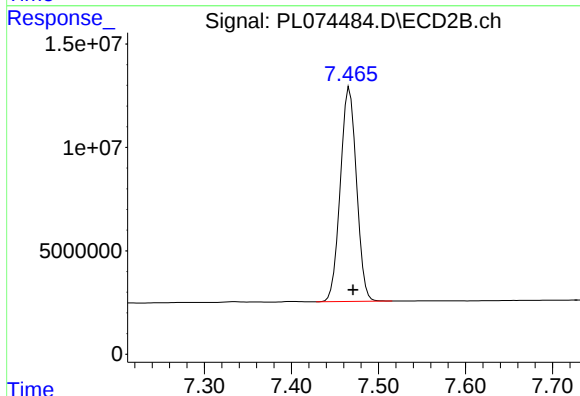
#5 Aldrin

R.T.: 6.504 min
Delta R.T.: -0.002 min
Response: 23930976
Conc: 57.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144539BSD

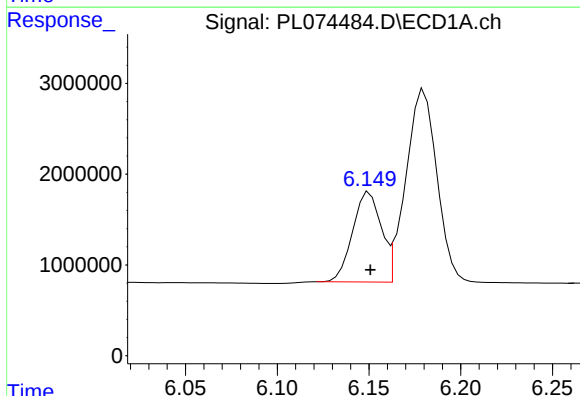
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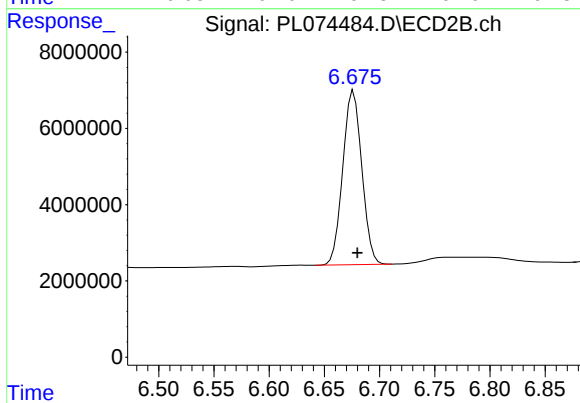
#5 Aldrin

R.T.: 7.467 min
Delta R.T.: -0.004 min
Response: 133600976
Conc: 56.89 ng/ml



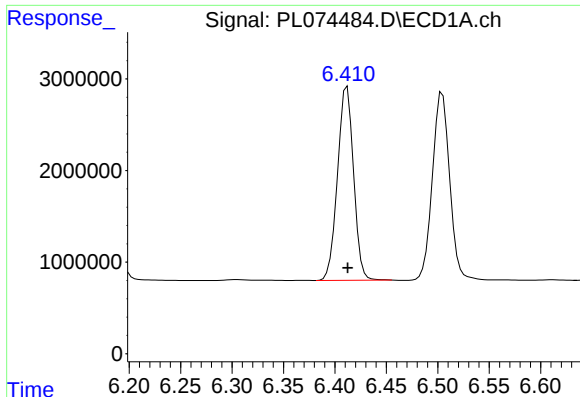
#6 beta-BHC

R.T.: 6.150 min
Delta R.T.: 0.000 min
Response: 10730068
Conc: 52.51 ng/ml



#6 beta-BHC

R.T.: 6.677 min
Delta R.T.: -0.003 min
Response: 54695170
Conc: 48.53 ng/ml



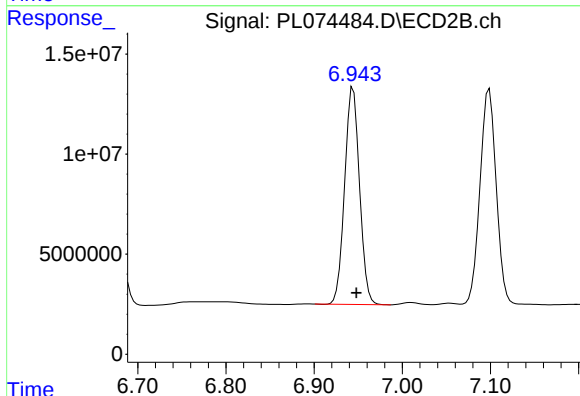
#7 delta-BHC

R.T.: 6.412 min
Delta R.T.: 0.000 min
Response: 22963277
Conc: 55.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144539BSD

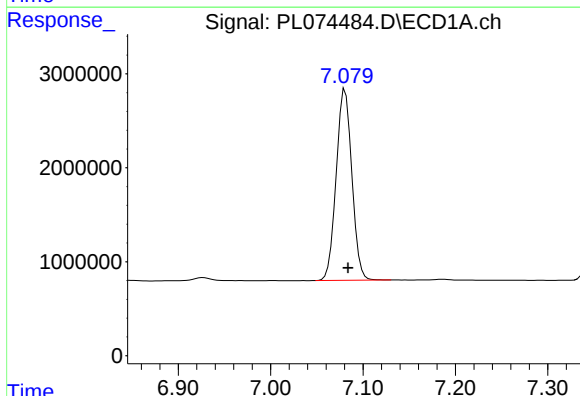
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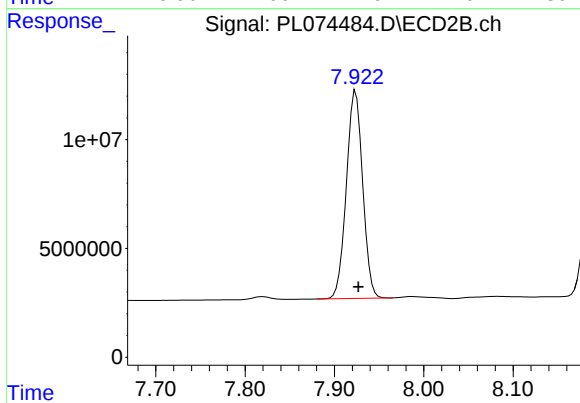
#7 delta-BHC

R.T.: 6.944 min
Delta R.T.: -0.004 min
Response: 127158713
Conc: 52.07 ng/ml



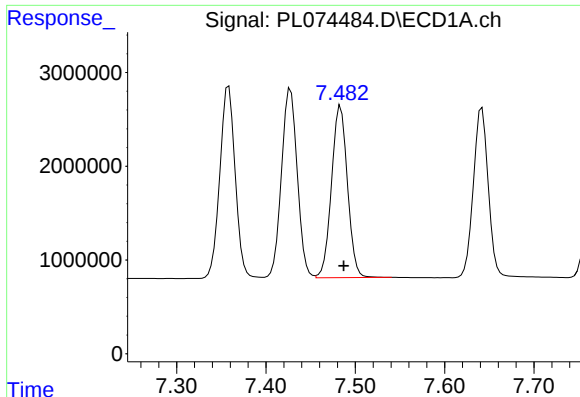
#8 Heptachlor epoxide

R.T.: 7.081 min
Delta R.T.: -0.003 min
Response: 24037286
Conc: 56.04 ng/ml



#8 Heptachlor epoxide

R.T.: 7.924 min
Delta R.T.: -0.003 min
Response: 121191920
Conc: 53.83 ng/ml



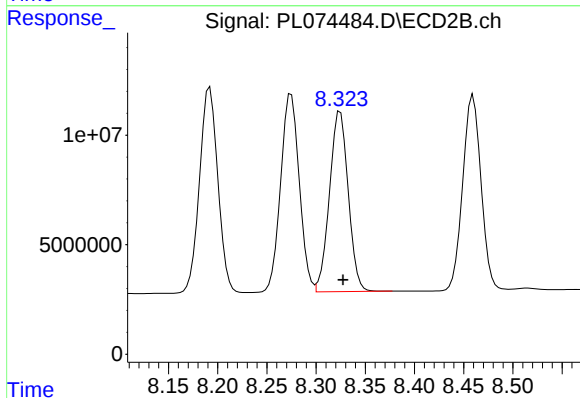
#9 Endosulfan I

R.T.: 7.484 min
Delta R.T.: -0.004 min
Response: 22760766
Conc: 55.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144539BSD

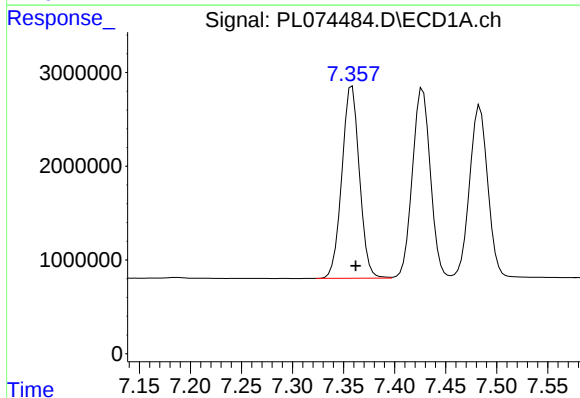
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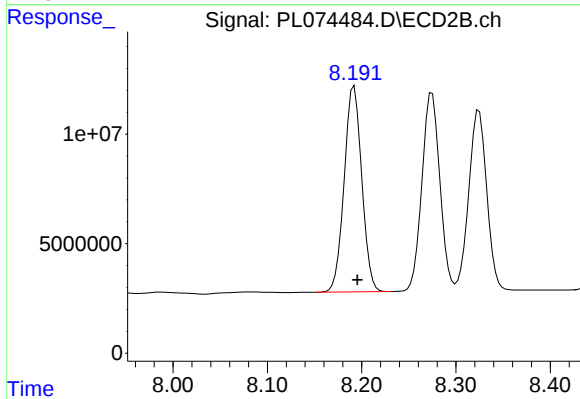
#9 Endosulfan I

R.T.: 8.325 min
Delta R.T.: -0.003 min
Response: 109060534
Conc: 55.40 ng/ml



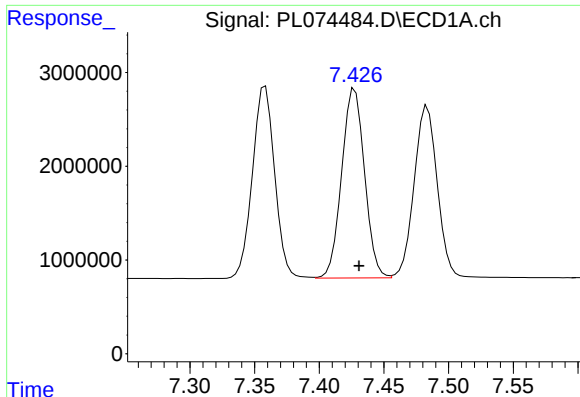
#10 gamma-Chlordane

R.T.: 7.358 min
Delta R.T.: -0.004 min
Response: 24519532
Conc: 55.91 ng/ml



#10 gamma-Chlordane

R.T.: 8.192 min
Delta R.T.: -0.003 min
Response: 121793888
Conc: 54.61 ng/ml



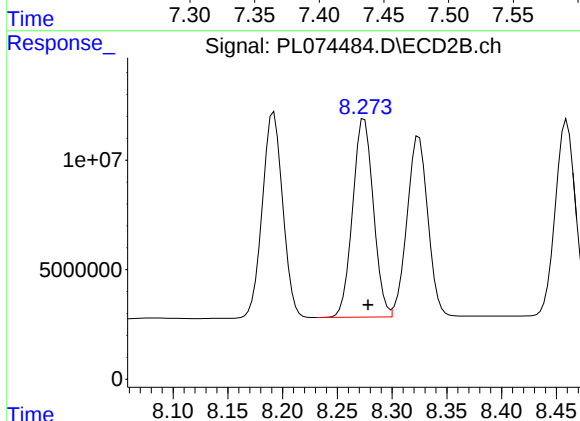
#11 alpha-Chlordane

R.T.: 7.428 min
Delta R.T.: -0.003 min
Response: 24813201
Conc: 56.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144539BSD

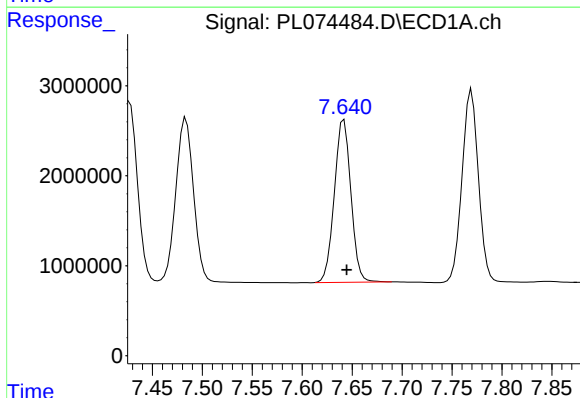
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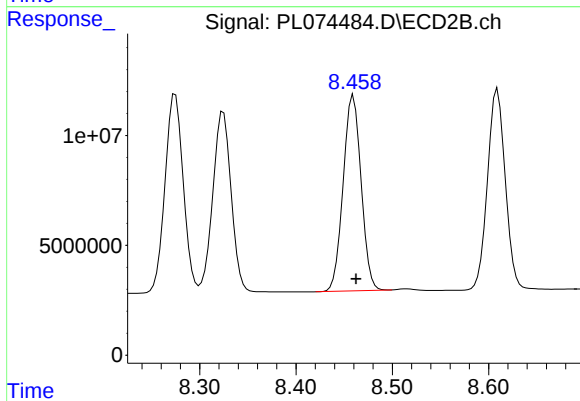
#11 alpha-Chlordane

R.T.: 8.275 min
Delta R.T.: -0.003 min
Response: 119498517
Conc: 55.51 ng/ml



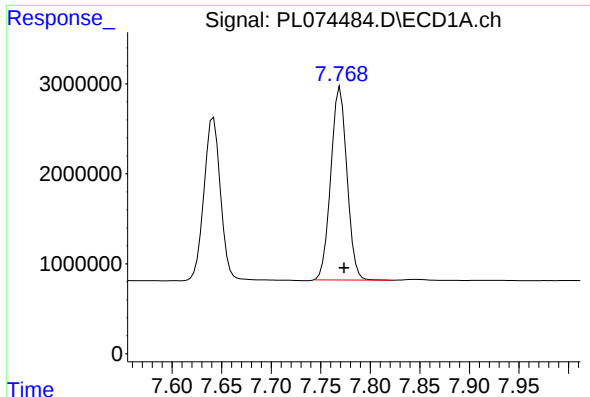
#12 4,4'-DDE

R.T.: 7.642 min
Delta R.T.: -0.003 min
Response: 20899588
Conc: 57.29 ng/ml



#12 4,4'-DDE

R.T.: 8.460 min
Delta R.T.: -0.003 min
Response: 114982764
Conc: 57.73 ng/ml



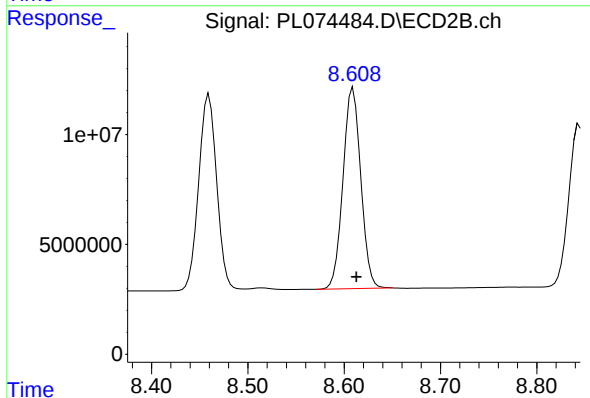
#13 Dieldrin

R.T.: 7.770 min
Delta R.T.: -0.004 min
Response: 24278480
Conc: 56.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144539BSD

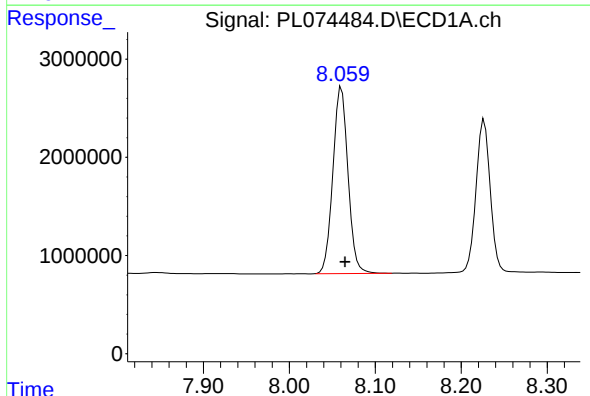
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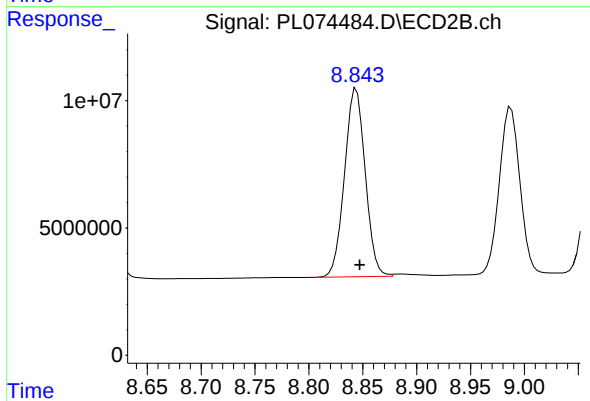
#13 Dieldrin

R.T.: 8.609 min
Delta R.T.: -0.003 min
Response: 116888774
Conc: 58.29 ng/ml



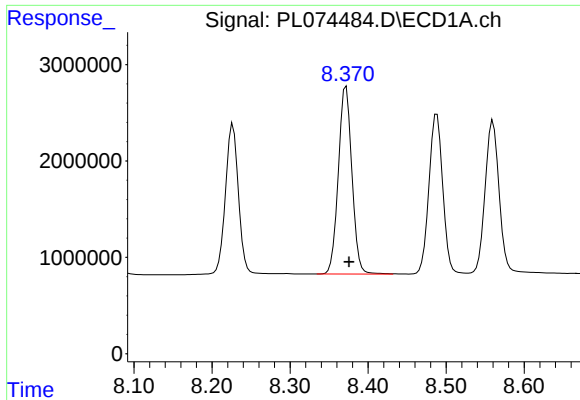
#14 Endrin

R.T.: 8.061 min
Delta R.T.: -0.004 min
Response: 23155100
Conc: 57.00 ng/ml



#14 Endrin

R.T.: 8.844 min
Delta R.T.: -0.003 min
Response: 98867862
Conc: 58.38 ng/ml



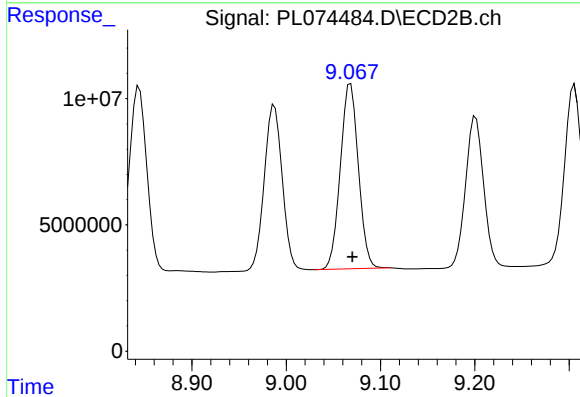
#15 Endosulfan II

R.T.: 8.372 min
Delta R.T.: -0.004 min
Response: 23519505
Conc: 57.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144539BSD

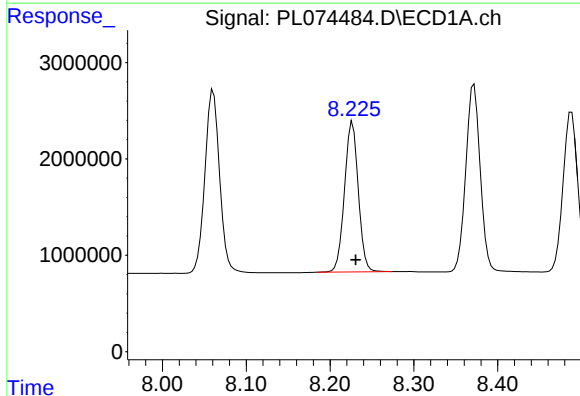
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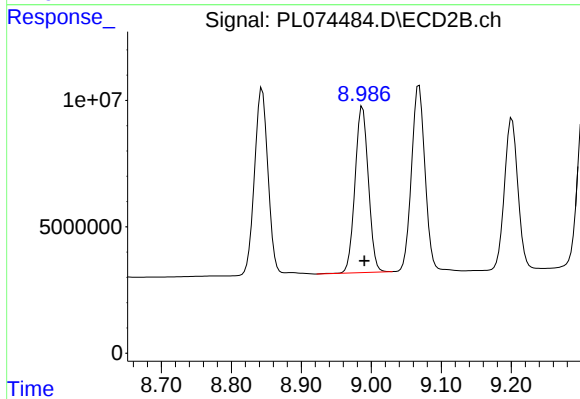
#15 Endosulfan II

R.T.: 9.068 min
Delta R.T.: -0.002 min
Response: 97543043
Conc: 56.15 ng/ml



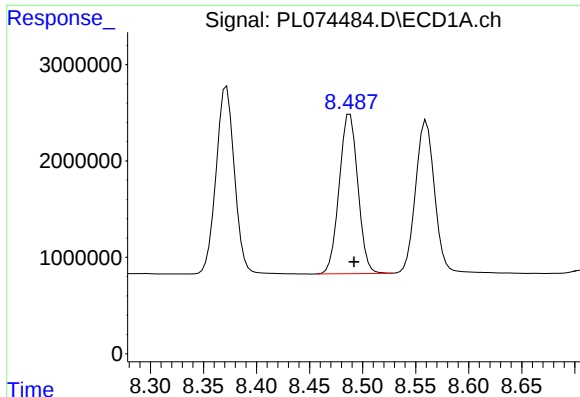
#16 4,4'-DDD

R.T.: 8.227 min
Delta R.T.: -0.004 min
Response: 17901294
Conc: 55.43 ng/ml



#16 4,4'-DDD

R.T.: 8.987 min
Delta R.T.: -0.003 min
Response: 87098246
Conc: 56.61 ng/ml



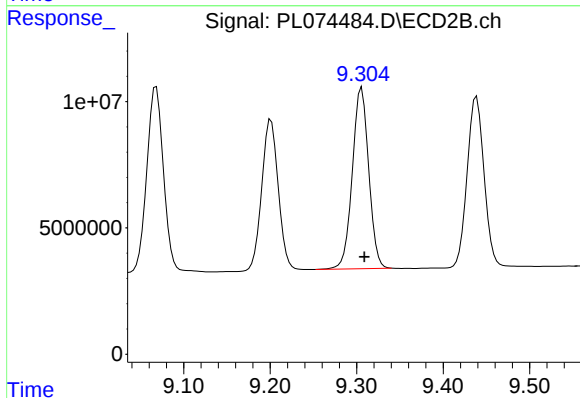
#17 4,4'-DDT

R.T.: 8.488 min
Delta R.T.: -0.004 min
Response: 20265799
Conc: 54.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144539BSD

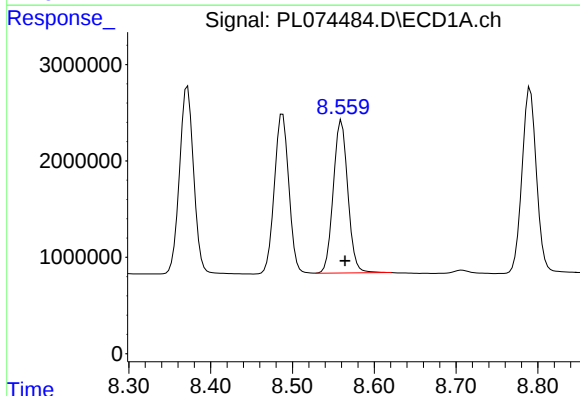
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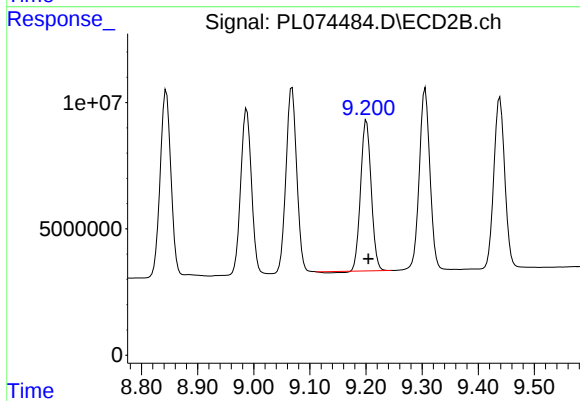
#17 4,4'-DDT

R.T.: 9.306 min
Delta R.T.: -0.003 min
Response: 94314289
Conc: 53.20 ng/ml



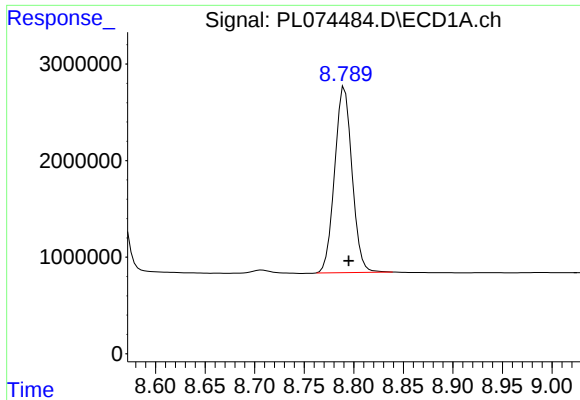
#18 Endrin aldehyde

R.T.: 8.560 min
Delta R.T.: -0.004 min
Response: 19634414
Conc: 60.68 ng/ml



#18 Endrin aldehyde

R.T.: 9.201 min
Delta R.T.: -0.003 min
Response: 77279553
Conc: 59.83 ng/ml



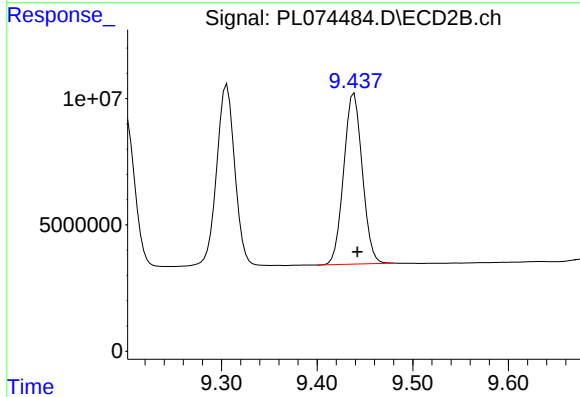
#19 Endosulfan Sulfate

R.T.: 8.791 min
Delta R.T.: -0.004 min
Response: 23514477
Conc: 55.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144539BSD

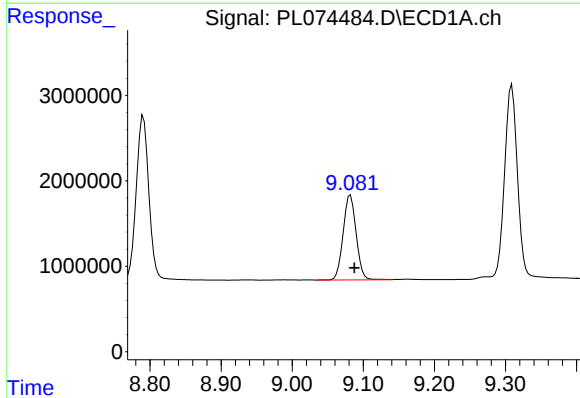
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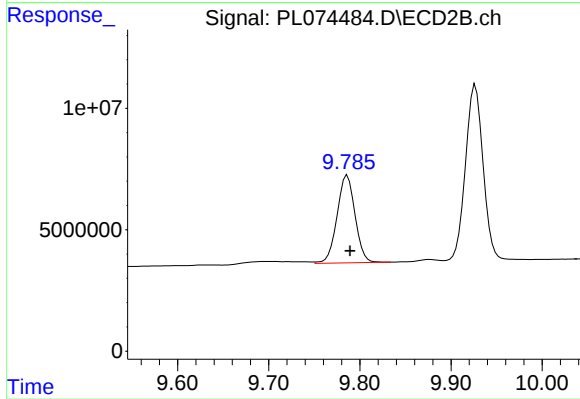
#19 Endosulfan Sulfate

R.T.: 9.439 min
Delta R.T.: -0.004 min
Response: 91670817
Conc: 55.08 ng/ml



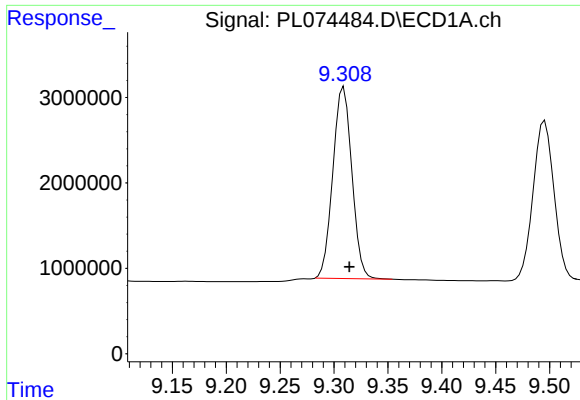
#20 Methoxychlor

R.T.: 9.082 min
Delta R.T.: -0.005 min
Response: 12656999
Conc: 50.98 ng/ml



#20 Methoxychlor

R.T.: 9.786 min
Delta R.T.: -0.003 min
Response: 49573774
Conc: 51.54 ng/ml



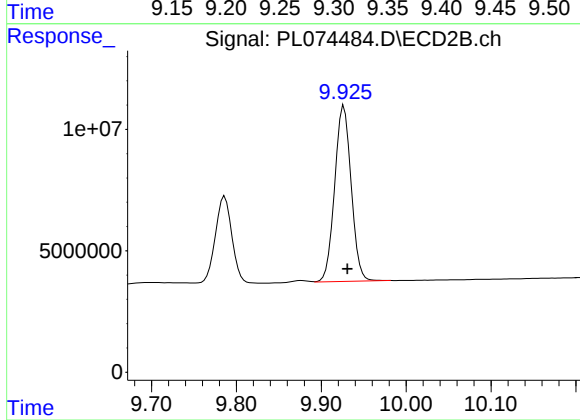
#21 Endrin ketone

R.T.: 9.309 min
Delta R.T.: -0.005 min
Response: 27504094
Conc: 56.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144539BSD

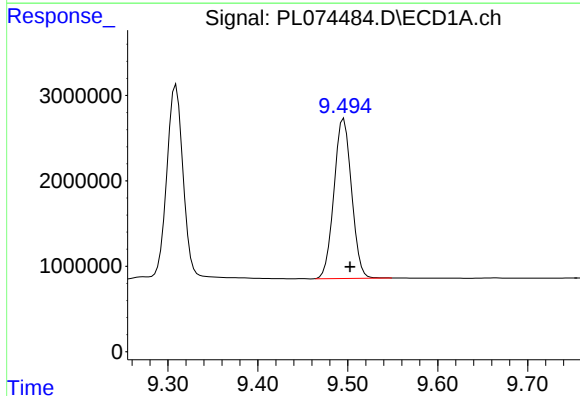
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/04/2022
Supervised By :mohammad ahmed 05/04/2022



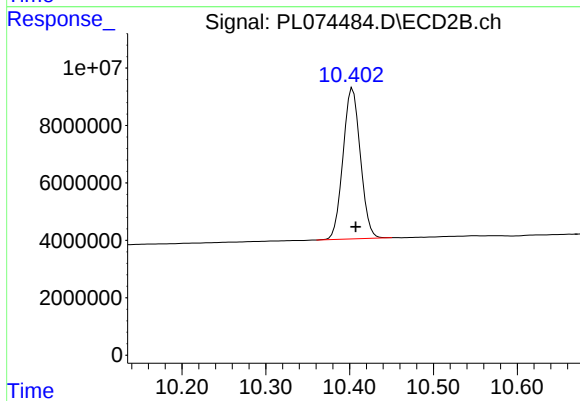
#21 Endrin ketone

R.T.: 9.927 min
Delta R.T.: -0.004 min
Response: 97942984
Conc: 56.58 ng/ml



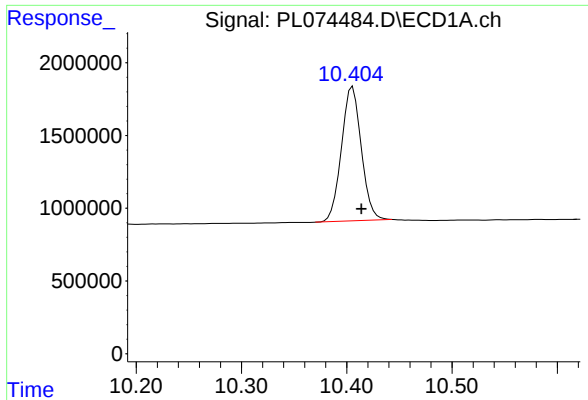
#22 Mirex

R.T.: 9.496 min
Delta R.T.: -0.007 min
Response: 25396934
Conc: 54.45 ng/ml



#22 Mirex

R.T.: 10.404 min
Delta R.T.: -0.004 min
Response: 75592836
Conc: 54.88 ng/ml



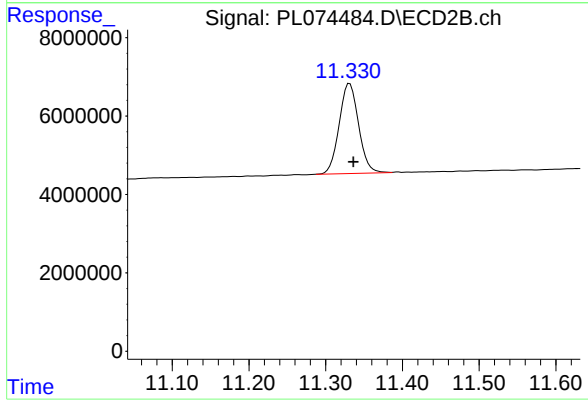
#28 Decachlorobiphenyl

R.T.: 10.404 min
Delta R.T.: -0.010 min
Response: 12102560
Conc: 23.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144539BSD

Manual Integrations
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Supervised By :mohammad ahmed 05/04/2022



#28 Decachlorobiphenyl

R.T.: 11.331 min
Delta R.T.: -0.005 min
Response: 40508912
Conc: 22.93 ng/ml