

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042022\
 Data File : PL074224.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Apr 2022 21:29
 Operator : AR\AJ
 Sample : N2466-05MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 E14ST-EB2-041822-5-10MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/22/2022
 Supervised By : mohammad ahmed 04/22/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 21 02:58:14 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...	4.635	5.489	6778367	35650544	20.978	19.995
28)	SA Decachlor...	10.403	11.329	7742822	31312911	14.889m	17.728
Target Compounds							
2)	A alpha-BHC	5.343	6.052	22783613	135.7E6	54.290	53.879
3)	MA gamma-BHC...	5.766	6.441	23033603	124.0E6	54.921	52.404
4)	MA Heptachlor	6.177	7.100	23996650	133.0E6	53.272	51.004
5)	MB Aldrin	6.502	7.467	22800209	128.1E6	54.934	54.537
6)	B beta-BHC	6.147	6.678	10644264	58510514	52.094	51.916
7)	B delta-BHC	6.408	6.945	22554995	125.1E6	54.524	51.239
8)	B Heptachlo...	7.078	7.924	22433123	105.5E6	52.299	46.868
9)	A Endosulfan I	7.481	8.324	21931493	100.7E6	53.476	51.141
10)	B gamma-Chl...	7.356	8.192	23061467	112.6E6	52.581	50.489
11)	B alpha-Chl...	7.426	8.275	23107508	110.0E6	52.306	51.107
12)	B 4,4'-DDE	7.640	8.460	19465054	91348008	53.356	45.864
13)	MA Dieldrin	7.768	8.609	22707888	105.7E6	52.862	52.711
14)	MA Endrin	8.059	8.844	21031040	92122578	51.771	54.392
15)	B Endosulfa...	8.369	9.068	22342368	86474006	54.208	49.777
16)	A 4,4'-DDD	8.225	8.986	16682380	79365348	51.660	51.583
17)	MA 4,4'-DDT	8.486	9.305	19585937	83831484	52.987	47.291
18)	B Endrin al...	8.558	9.200	17421426	68702928	53.844	53.191
19)	B Endosulfa...	8.789	9.438	21258120	81600433	49.782	49.029
20)	A Methoxychlor	9.081	9.785	13708276	51201769	55.216	53.233
21)	B Endrin ke...	9.307	9.926	23844273	91645806	48.806	52.946
22)	Mirex	9.494	10.403	22120944	67458919	47.429	48.975

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042022\
 Data File : PL074224.D
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 Acq On : 20 Apr 2022 21:29
 Operator : AR\AJ
 Sample : N2466-05MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

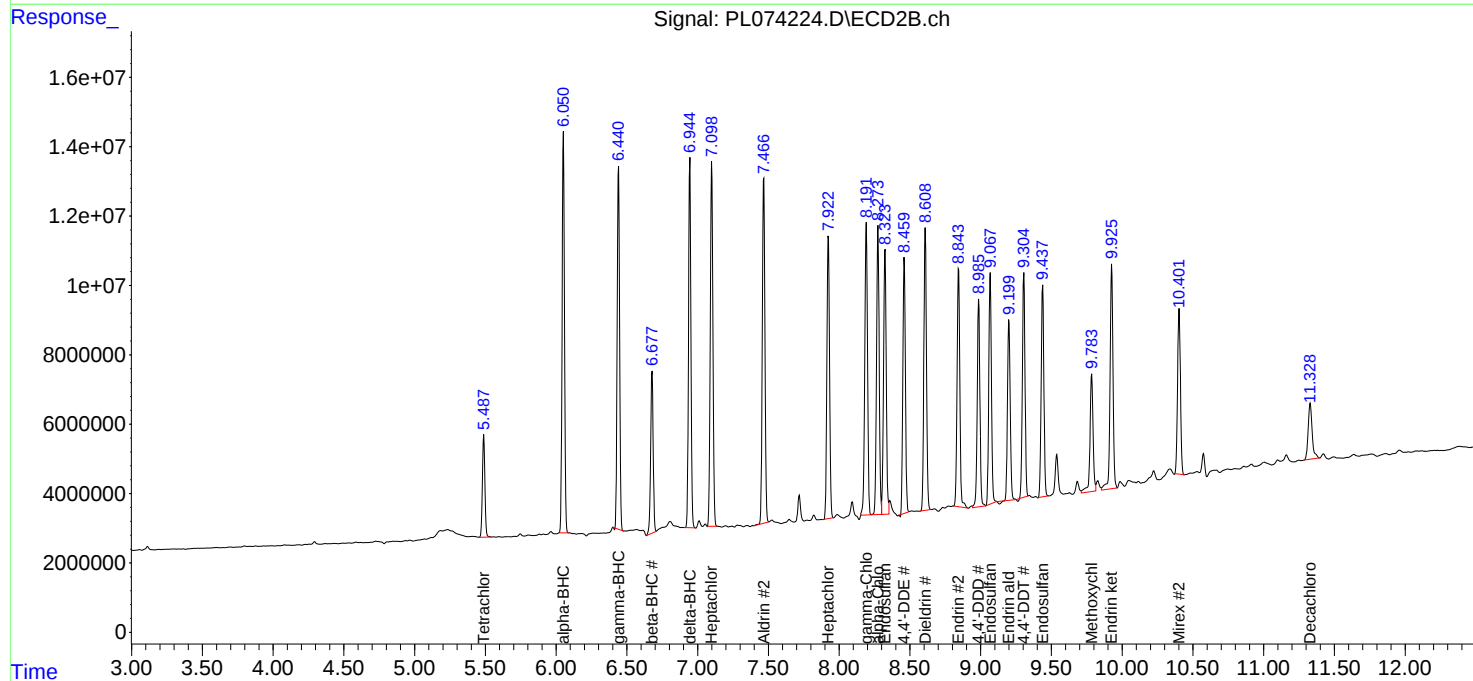
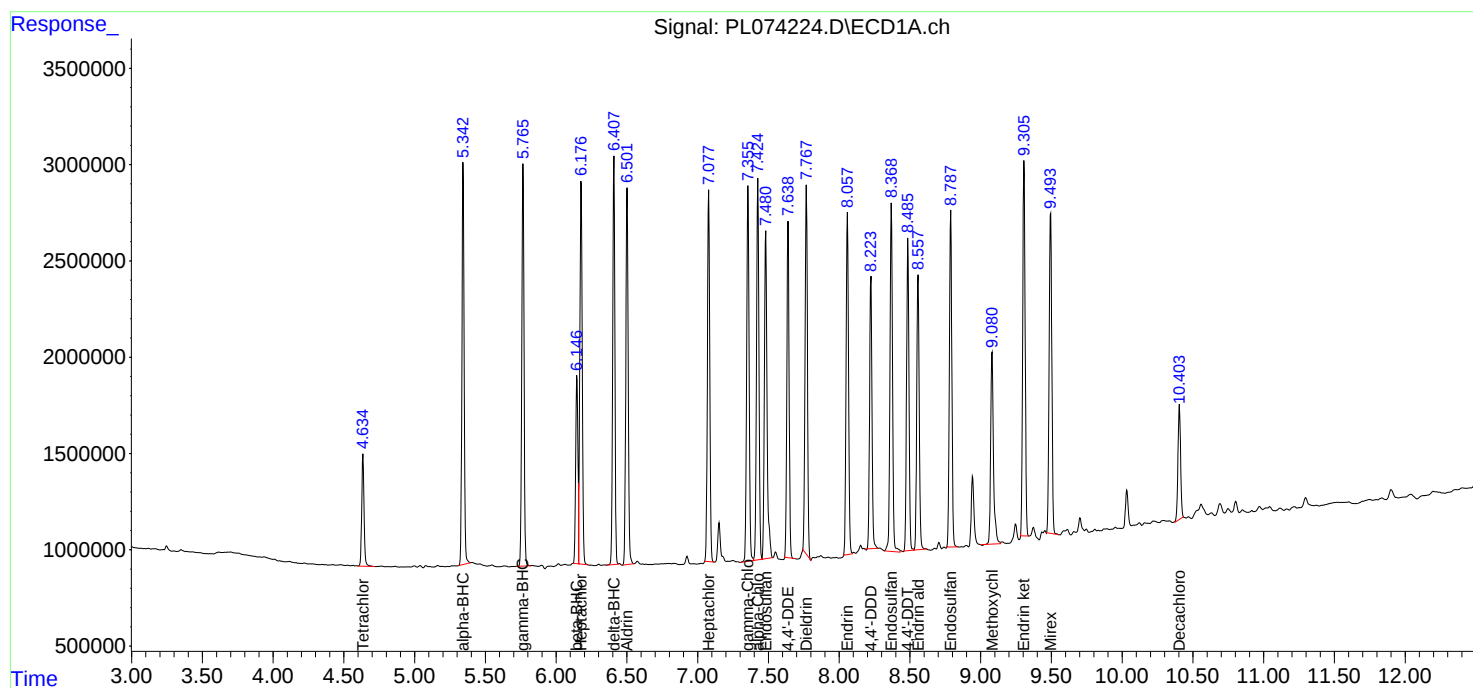
Instrument :
 ECD_L
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 E14ST-EB2-041822-5-10MSD

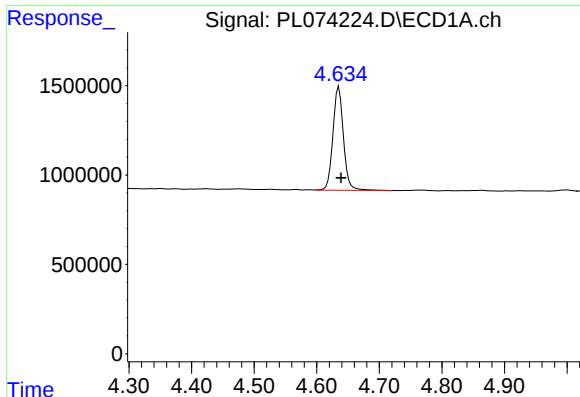
Manual Integrations APPROVED

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 21 02:58:14 2022
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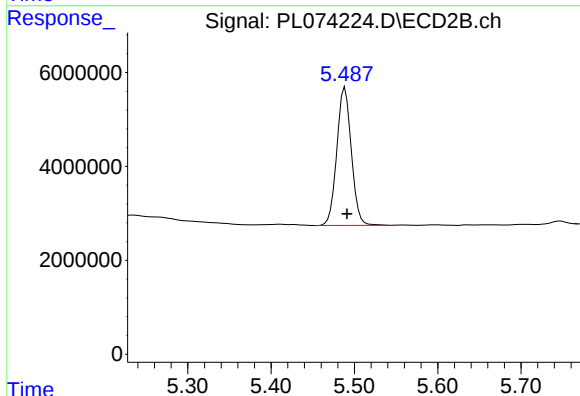
#1 Tetrachloro-m-xylene

R.T.: 4.635 min
Delta R.T.: -0.004 min
Response: 6778367
Conc: 20.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
E14ST-EB2-041822-5-10MSD

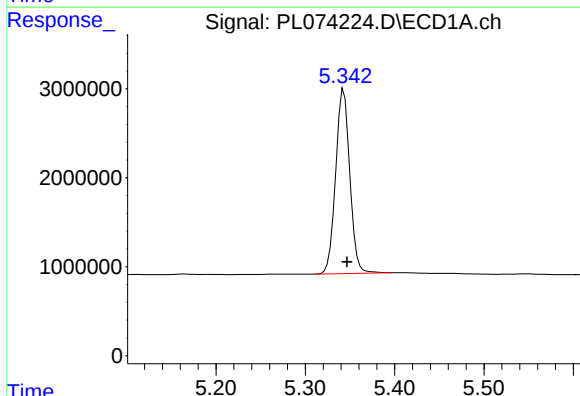
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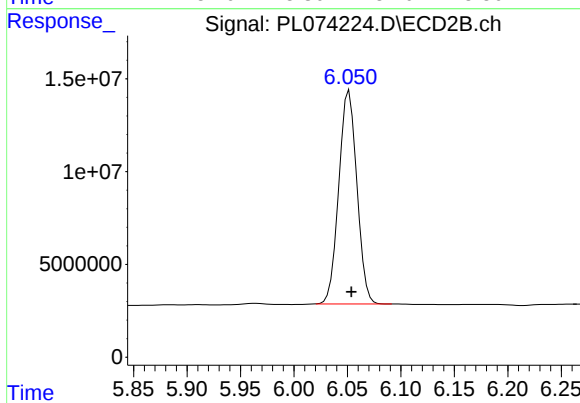
#1 Tetrachloro-m-xylene

R.T.: 5.489 min
Delta R.T.: -0.003 min
Response: 35650544
Conc: 20.00 ng/ml



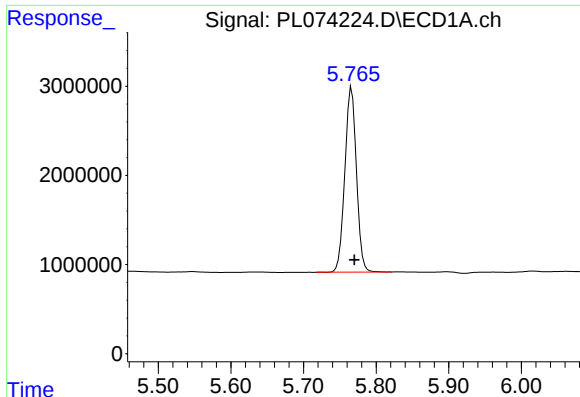
#2 alpha-BHC

R.T.: 5.343 min
Delta R.T.: -0.004 min
Response: 22783613
Conc: 54.29 ng/ml



#2 alpha-BHC

R.T.: 6.052 min
Delta R.T.: -0.002 min
Response: 135671969
Conc: 53.88 ng/ml



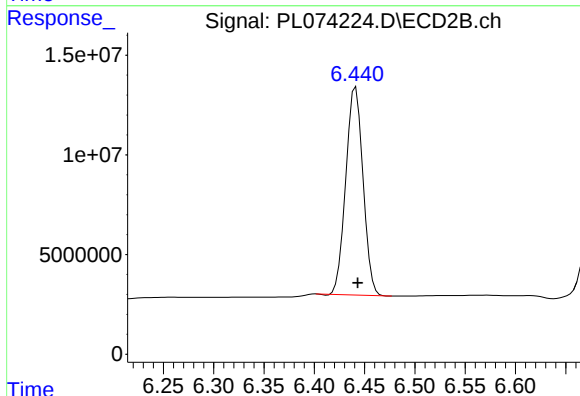
#3 gamma-BHC (Lindane)

R.T.: 5.766 min
Delta R.T.: -0.004 min
Response: 23033603
Conc: 54.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
E14ST-EB2-041822-5-10MSD

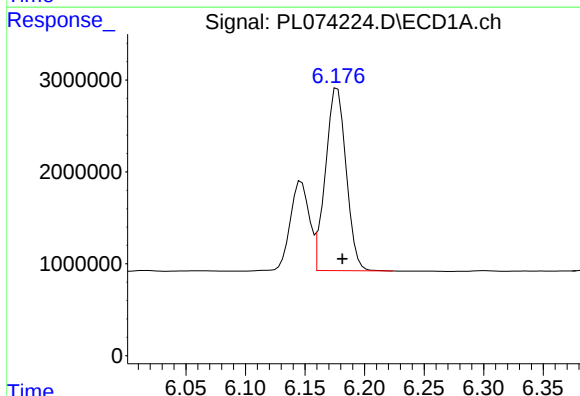
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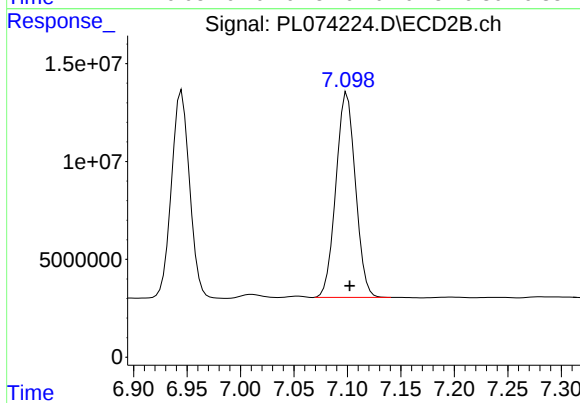
#3 gamma-BHC (Lindane)

R.T.: 6.441 min
Delta R.T.: -0.002 min
Response: 124046589
Conc: 52.40 ng/ml



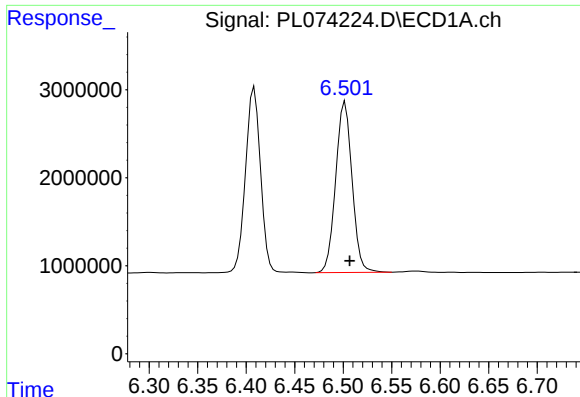
#4 Heptachlor

R.T.: 6.177 min
Delta R.T.: -0.004 min
Response: 23996650
Conc: 53.27 ng/ml



#4 Heptachlor

R.T.: 7.100 min
Delta R.T.: -0.003 min
Response: 133040793
Conc: 51.00 ng/ml



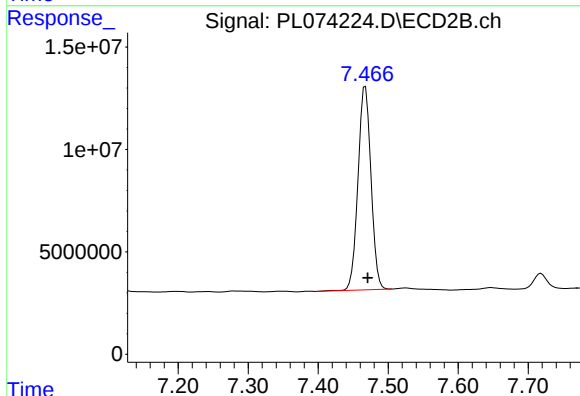
#5 Aldrin

R.T.: 6.502 min
Delta R.T.: -0.005 min
Response: 22800209
Conc: 54.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
E14ST-EB2-041822-5-10MSD

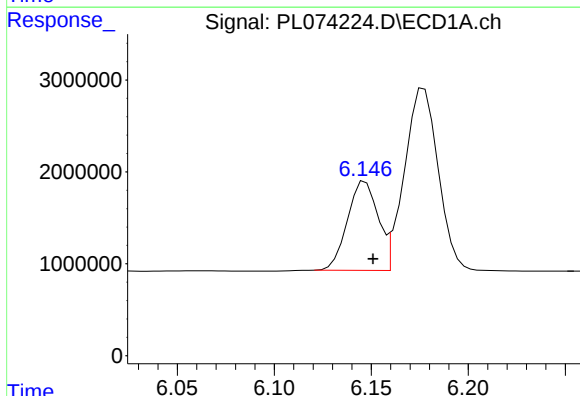
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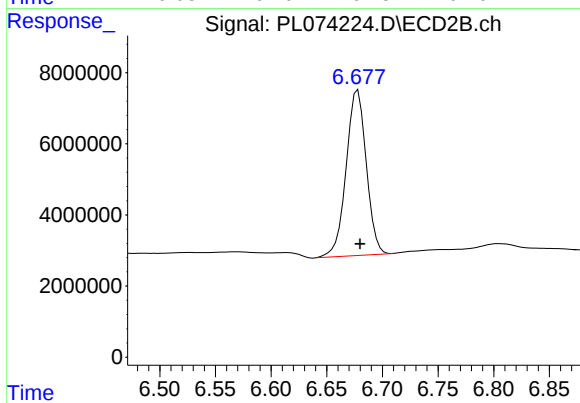
#5 Aldrin

R.T.: 7.467 min
Delta R.T.: -0.003 min
Response: 128084684
Conc: 54.54 ng/ml



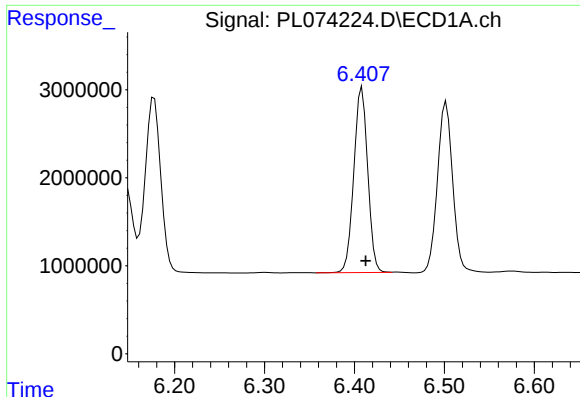
#6 beta-BHC

R.T.: 6.147 min
Delta R.T.: -0.004 min
Response: 10644264
Conc: 52.09 ng/ml



#6 beta-BHC

R.T.: 6.678 min
Delta R.T.: -0.002 min
Response: 58510514
Conc: 51.92 ng/ml



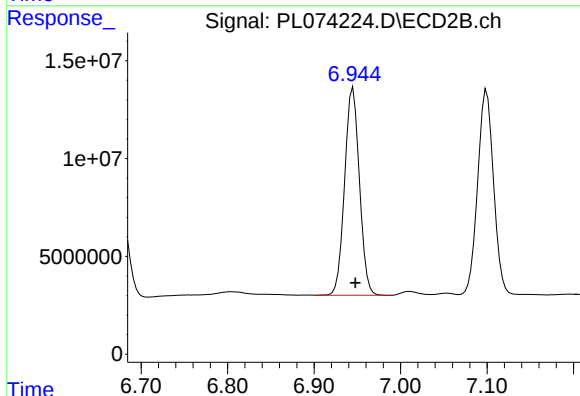
#7 delta-BHC

R.T.: 6.408 min
Delta R.T.: -0.004 min
Response: 22554995
Conc: 54.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
E14ST-EB2-041822-5-10MSD

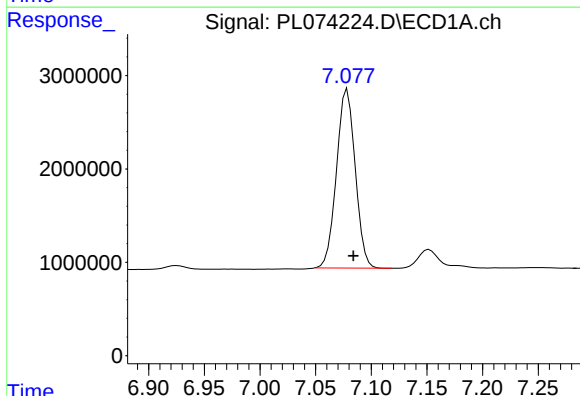
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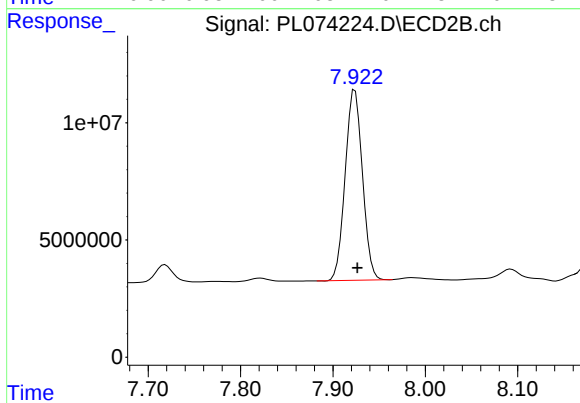
#7 delta-BHC

R.T.: 6.945 min
Delta R.T.: -0.003 min
Response: 125139941
Conc: 51.24 ng/ml



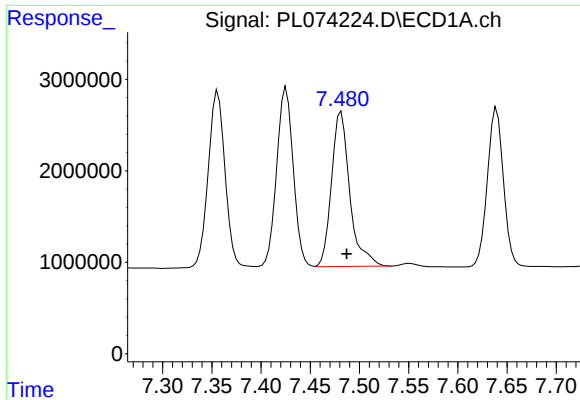
#8 Heptachlor epoxide

R.T.: 7.078 min
Delta R.T.: -0.005 min
Response: 22433123
Conc: 52.30 ng/ml



#8 Heptachlor epoxide

R.T.: 7.924 min
Delta R.T.: -0.003 min
Response: 105526043
Conc: 46.87 ng/ml



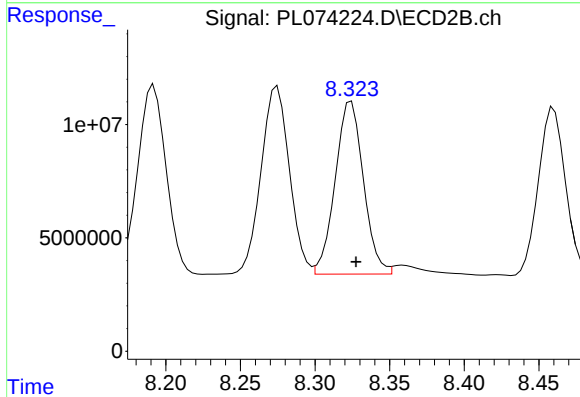
#9 Endosulfan I

R.T.: 7.481 min
Delta R.T.: -0.006 min
Response: 21931493
Conc: 53.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
E14ST-EB2-041822-5-10MSD

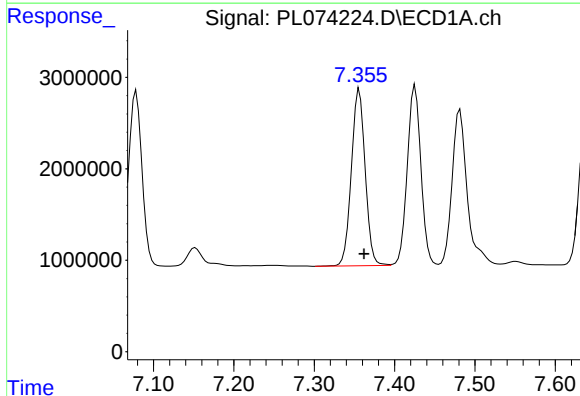
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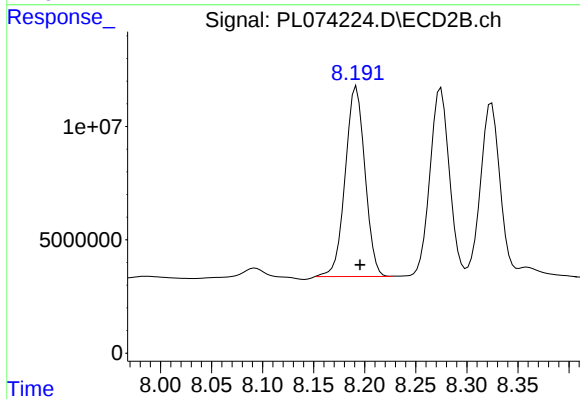
#9 Endosulfan I

R.T.: 8.324 min
Delta R.T.: -0.003 min
Response: 100678477
Conc: 51.14 ng/ml



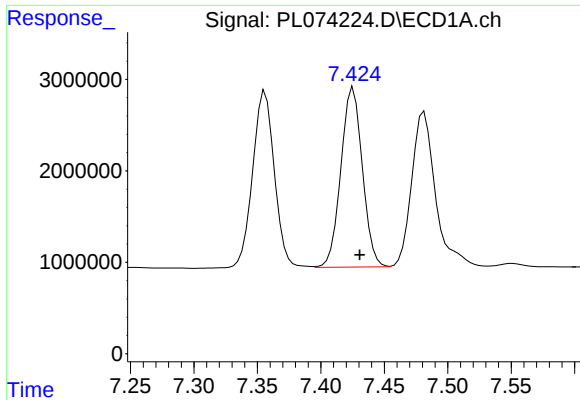
#10 gamma-Chlordane

R.T.: 7.356 min
Delta R.T.: -0.006 min
Response: 23061467
Conc: 52.58 ng/ml



#10 gamma-Chlordane

R.T.: 8.192 min
Delta R.T.: -0.004 min
Response: 112607537
Conc: 50.49 ng/ml



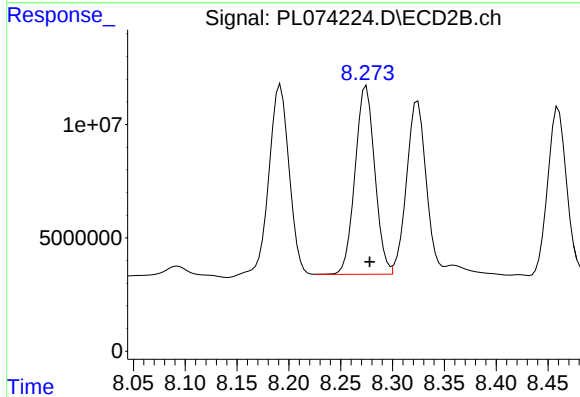
#11 alpha-Chlordane

R.T.: 7.426 min
Delta R.T.: -0.005 min
Response: 23107508
Conc: 52.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
E14ST-EB2-041822-5-10MSD

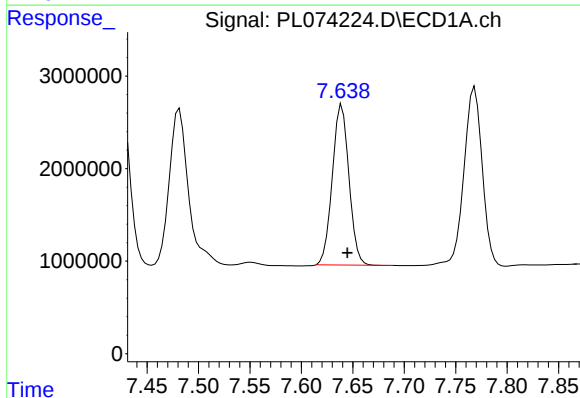
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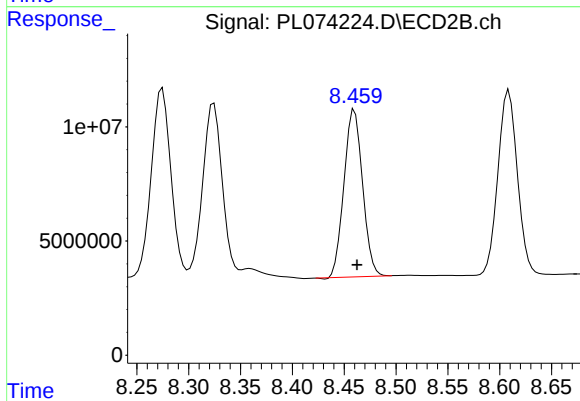
#11 alpha-Chlordane

R.T.: 8.275 min
Delta R.T.: -0.003 min
Response: 110012099
Conc: 51.11 ng/ml



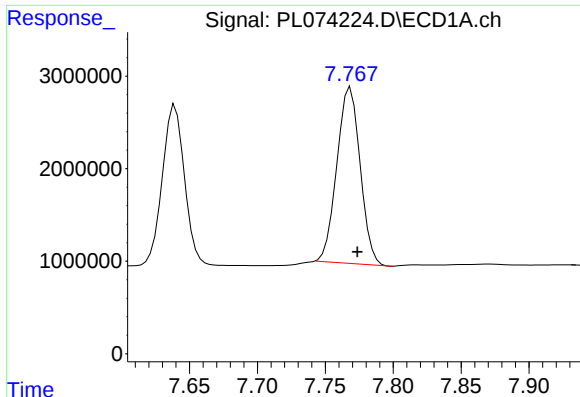
#12 4,4'-DDE

R.T.: 7.640 min
Delta R.T.: -0.005 min
Response: 19465054
Conc: 53.36 ng/ml



#12 4,4'-DDE

R.T.: 8.460 min
Delta R.T.: -0.002 min
Response: 91348008
Conc: 45.86 ng/ml



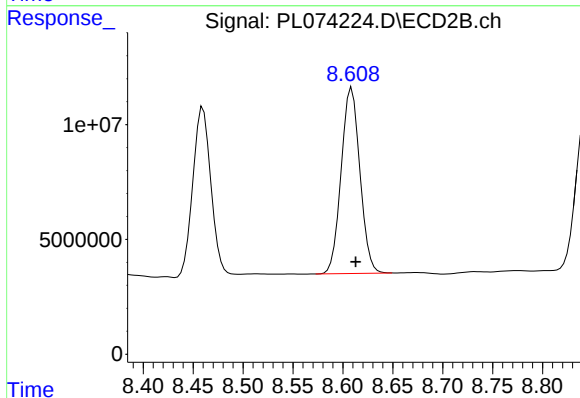
#13 Dieldrin

R.T.: 7.768 min
Delta R.T.: -0.005 min
Response: 22707888
Conc: 52.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
E14ST-EB2-041822-5-10MSD

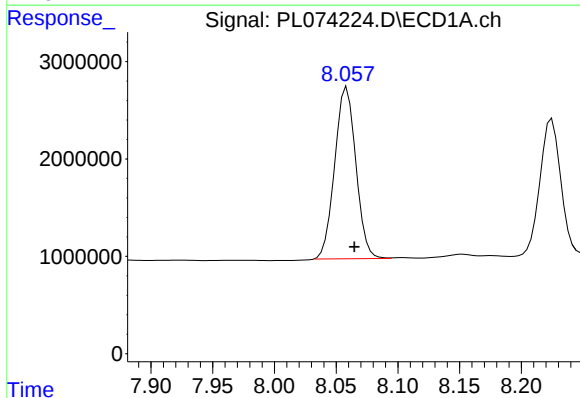
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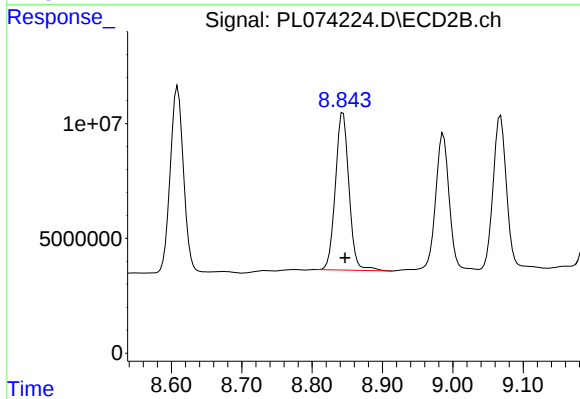
#13 Dieldrin

R.T.: 8.609 min
Delta R.T.: -0.004 min
Response: 105699803
Conc: 52.71 ng/ml



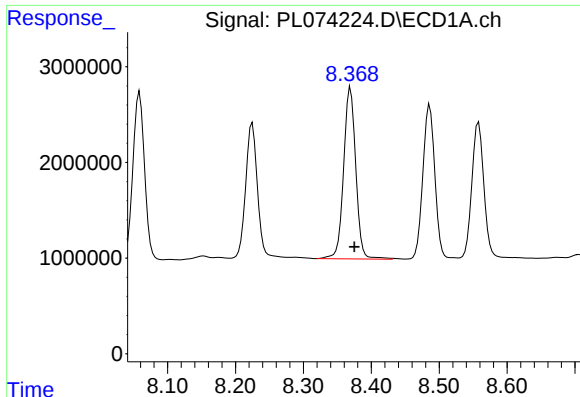
#14 Endrin

R.T.: 8.059 min
Delta R.T.: -0.006 min
Response: 21031040
Conc: 51.77 ng/ml



#14 Endrin

R.T.: 8.844 min
Delta R.T.: -0.003 min
Response: 92122578
Conc: 54.39 ng/ml



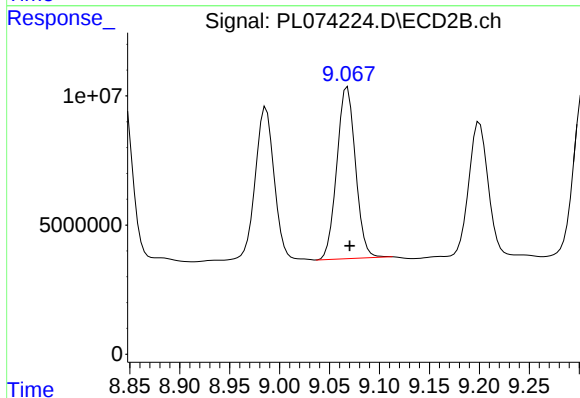
#15 Endosulfan II

R.T.: 8.369 min
Delta R.T.: -0.006 min
Response: 22342368
Conc: 54.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
E14ST-EB2-041822-5-10MSD

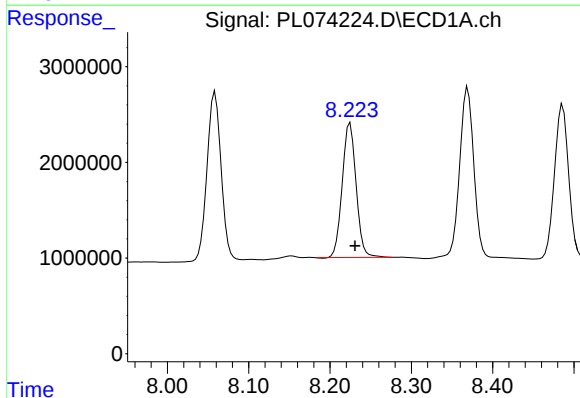
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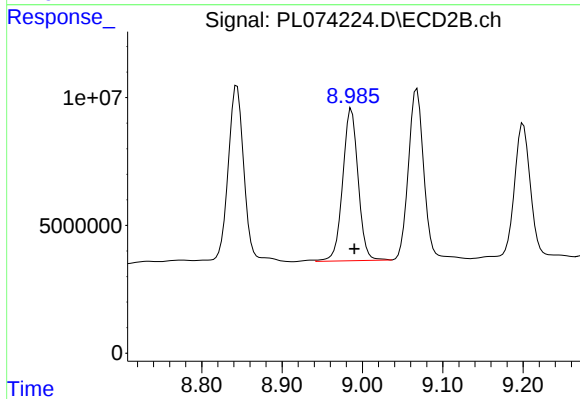
#15 Endosulfan II

R.T.: 9.068 min
Delta R.T.: -0.002 min
Response: 86474006
Conc: 49.78 ng/ml



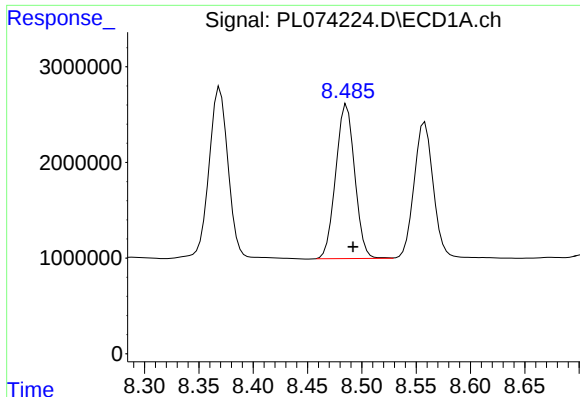
#16 4,4'-DDD

R.T.: 8.225 min
Delta R.T.: -0.006 min
Response: 16682380
Conc: 51.66 ng/ml



#16 4,4'-DDD

R.T.: 8.986 min
Delta R.T.: -0.004 min
Response: 79365348
Conc: 51.58 ng/ml



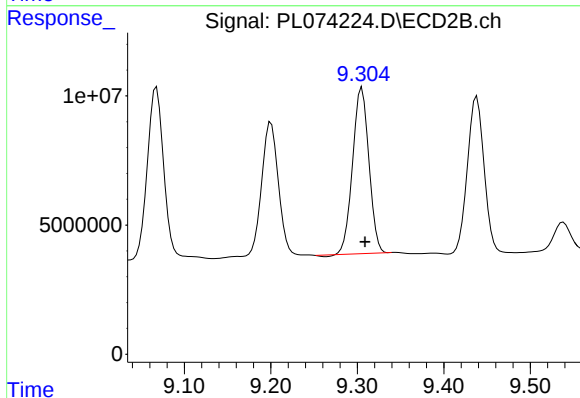
#17 4,4'-DDT

R.T.: 8.486 min
Delta R.T.: -0.006 min
Response: 19585937
Conc: 52.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
E14ST-EB2-041822-5-10MSD

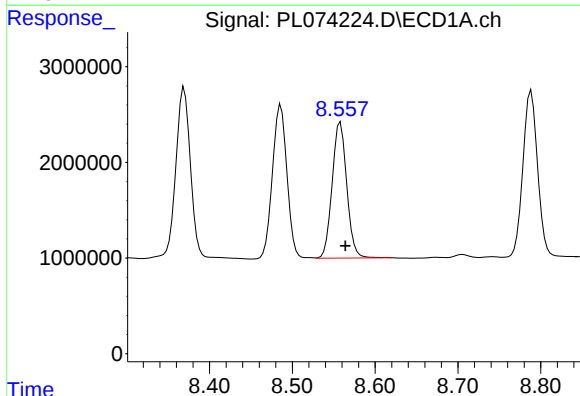
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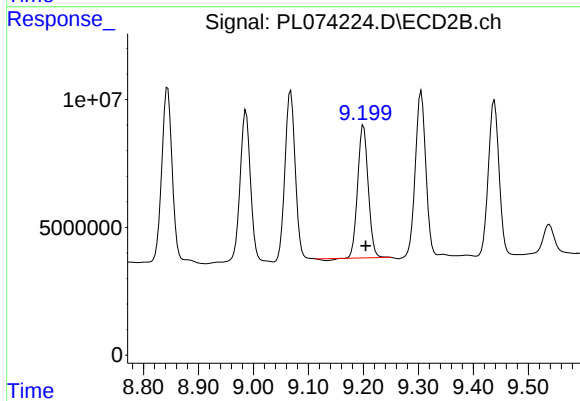
#17 4,4'-DDT

R.T.: 9.305 min
Delta R.T.: -0.004 min
Response: 83831484
Conc: 47.29 ng/ml



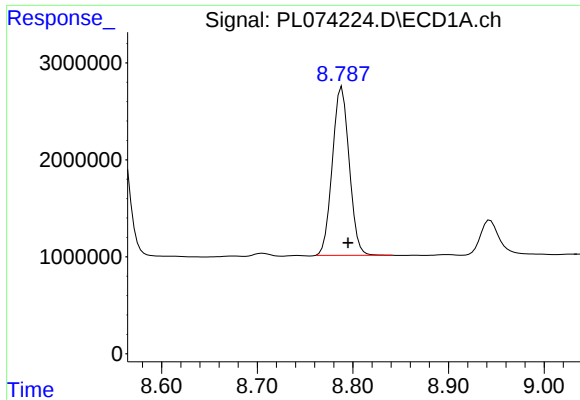
#18 Endrin aldehyde

R.T.: 8.558 min
Delta R.T.: -0.006 min
Response: 17421426
Conc: 53.84 ng/ml



#18 Endrin aldehyde

R.T.: 9.200 min
Delta R.T.: -0.004 min
Response: 68702928
Conc: 53.19 ng/ml



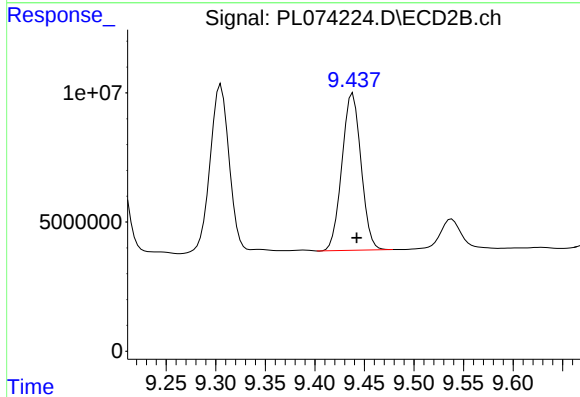
#19 Endosulfan Sulfate

R.T.: 8.789 min
Delta R.T.: -0.006 min
Response: 21258120
Conc: 49.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
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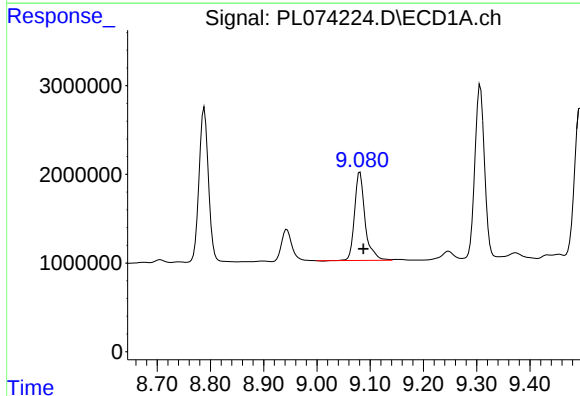
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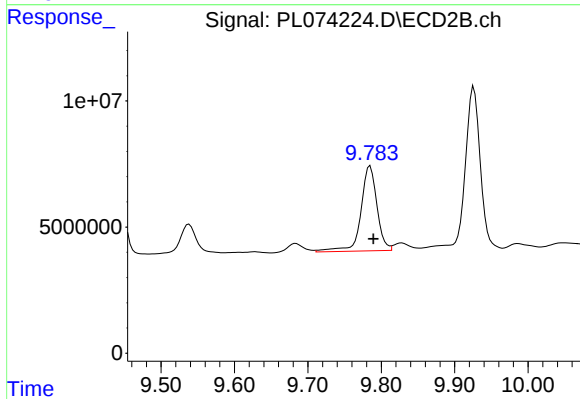
#19 Endosulfan Sulfate

R.T.: 9.438 min
Delta R.T.: -0.004 min
Response: 81600433
Conc: 49.03 ng/ml



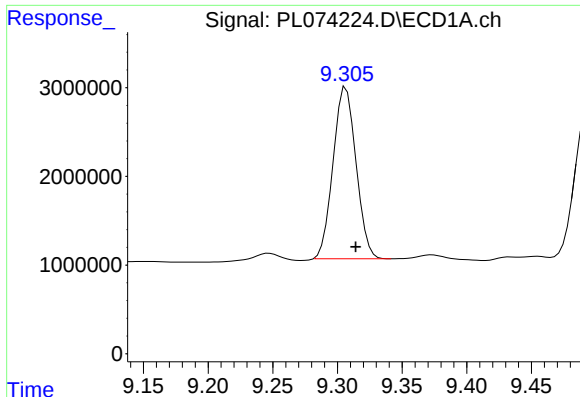
#20 Methoxychlor

R.T.: 9.081 min
Delta R.T.: -0.006 min
Response: 13708276
Conc: 55.22 ng/ml



#20 Methoxychlor

R.T.: 9.785 min
Delta R.T.: -0.004 min
Response: 51201769
Conc: 53.23 ng/ml



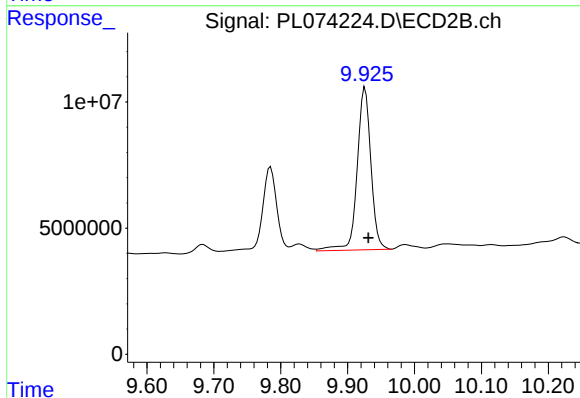
#21 Endrin ketone

R.T.: 9.307 min
Delta R.T.: -0.008 min
Response: 23844273
Conc: 48.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
E14ST-EB2-041822-5-10MSD

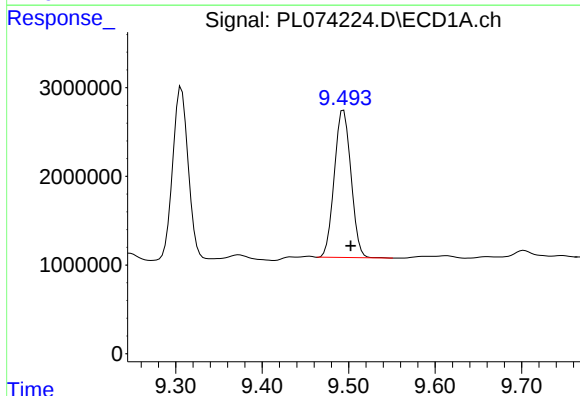
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/22/2022
Supervised By :mohammad ahmed 04/22/2022



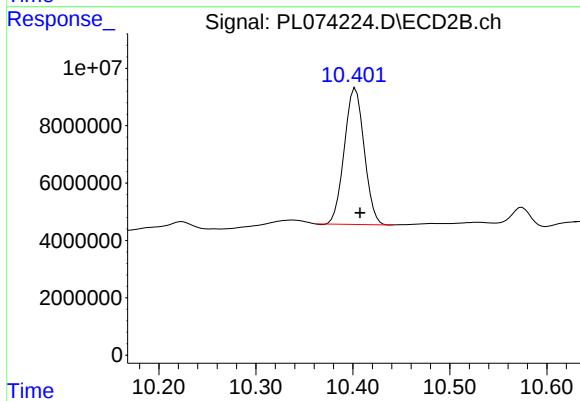
#21 Endrin ketone

R.T.: 9.926 min
Delta R.T.: -0.005 min
Response: 91645806
Conc: 52.95 ng/ml



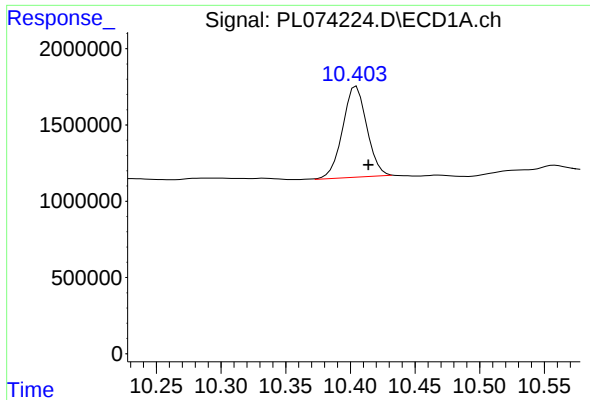
#22 Mirex

R.T.: 9.494 min
Delta R.T.: -0.008 min
Response: 22120944
Conc: 47.43 ng/ml



#22 Mirex

R.T.: 10.403 min
Delta R.T.: -0.005 min
Response: 67458919
Conc: 48.98 ng/ml



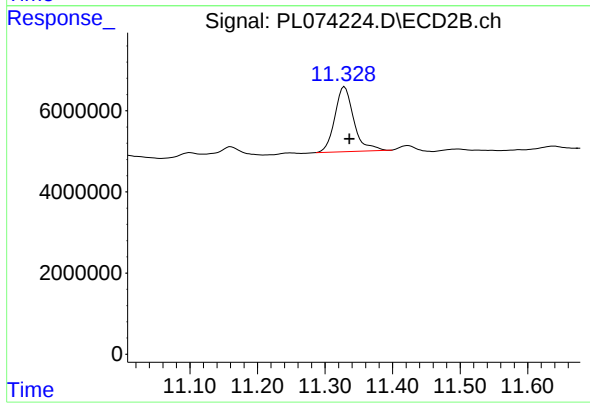
#28 Decachlorobiphenyl

R.T.: 10.403 min
Delta R.T.: -0.011 min
Response: 7742822
Conc: 14.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
E14ST-EB2-041822-5-10MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/22/2022
Supervised By :mohammad ahmed 04/22/2022



#28 Decachlorobiphenyl

R.T.: 11.329 min
Delta R.T.: -0.007 min
Response: 31312911
Conc: 17.73 ng/ml