

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042022\
 Data File : PL074223.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Apr 2022 21:12
 Operator : AR\AJ
 Sample : N2466-05MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

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

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 02:57:52 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	6848313	36173539	21.195	20.288
28)	SA Decachlor...	10.404	11.329	7873903	31602342	15.141m	17.892
Target Compounds							
2)	A alpha-BHC	5.343	6.052	23162687	138.2E6	55.194	54.894
3)	MA gamma-BHC...	5.766	6.441	23420529	126.2E6	55.843	53.332
4)	MA Heptachlor	6.177	7.100	24457836	136.1E6	54.295	52.188
5)	MB Aldrin	6.502	7.468	23074436	130.9E6	55.594	55.719
6)	B beta-BHC	6.147	6.678	10814782	59493074	52.929	52.788
7)	B delta-BHC	6.409	6.945	22952100	128.0E6	55.484	52.427
8)	B Heptachlo...	7.078	7.924	22745322	108.0E6	53.027	47.952
9)	A Endosulfan I	7.482	8.325	22191824	103.3E6	54.110	52.466
10)	B gamma-Chl...	7.356	8.192	23379274	117.1E6	53.306	52.506
11)	B alpha-Chl...	7.426	8.274	23396710	113.5E6	52.961	52.735
12)	B 4,4'-DDE	7.640	8.460	19710987	92832668	54.030	46.610
13)	MA Dieldrin	7.768	8.609	22913934	108.2E6	53.341	53.933
14)	MA Endrin	8.059	8.843	21650399	93622173	53.295	55.278
15)	B Endosulfa...	8.370	9.068	22400441	87998059	54.349	50.654
16)	A 4,4'-DDD	8.225	8.986	16855478	81136461	52.196	52.734
17)	MA 4,4'-DDT	8.486	9.306	20045306	85721892	54.229	48.358
18)	B Endrin al...	8.558	9.200	17811450	71458557	55.049	55.325
19)	B Endosulfa...	8.789	9.439	21529177	83958266	50.417	50.446
20)	A Methoxychlor	9.081	9.785	13839701	52868191	55.745	54.965
21)	B Endrin ke...	9.308	9.926	24293316	94760083	49.725	54.745
22)	Mirex	9.495	10.403	22587106	68173076	48.428	49.494

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042022\
 Data File : PL074223.D
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 Acq On : 20 Apr 2022 21:12
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 ALS Vial : 13 Sample Multiplier: 1

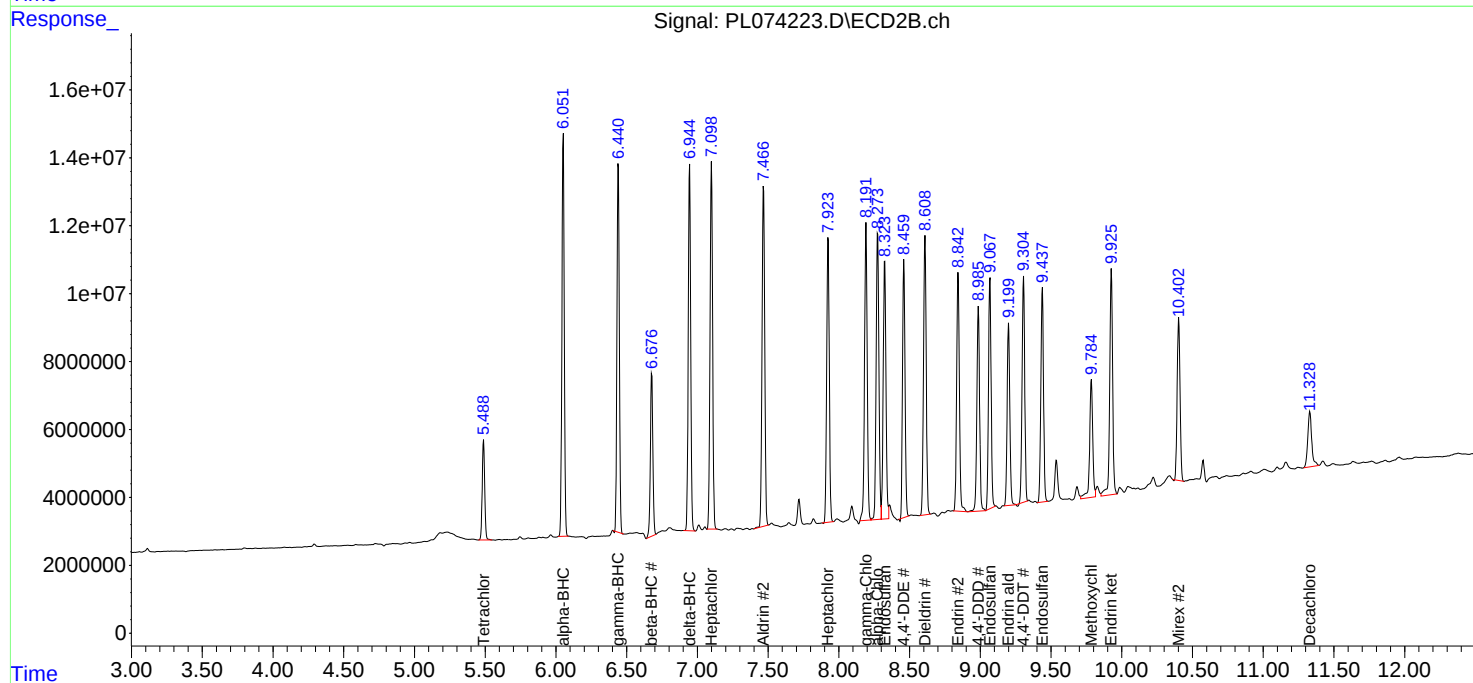
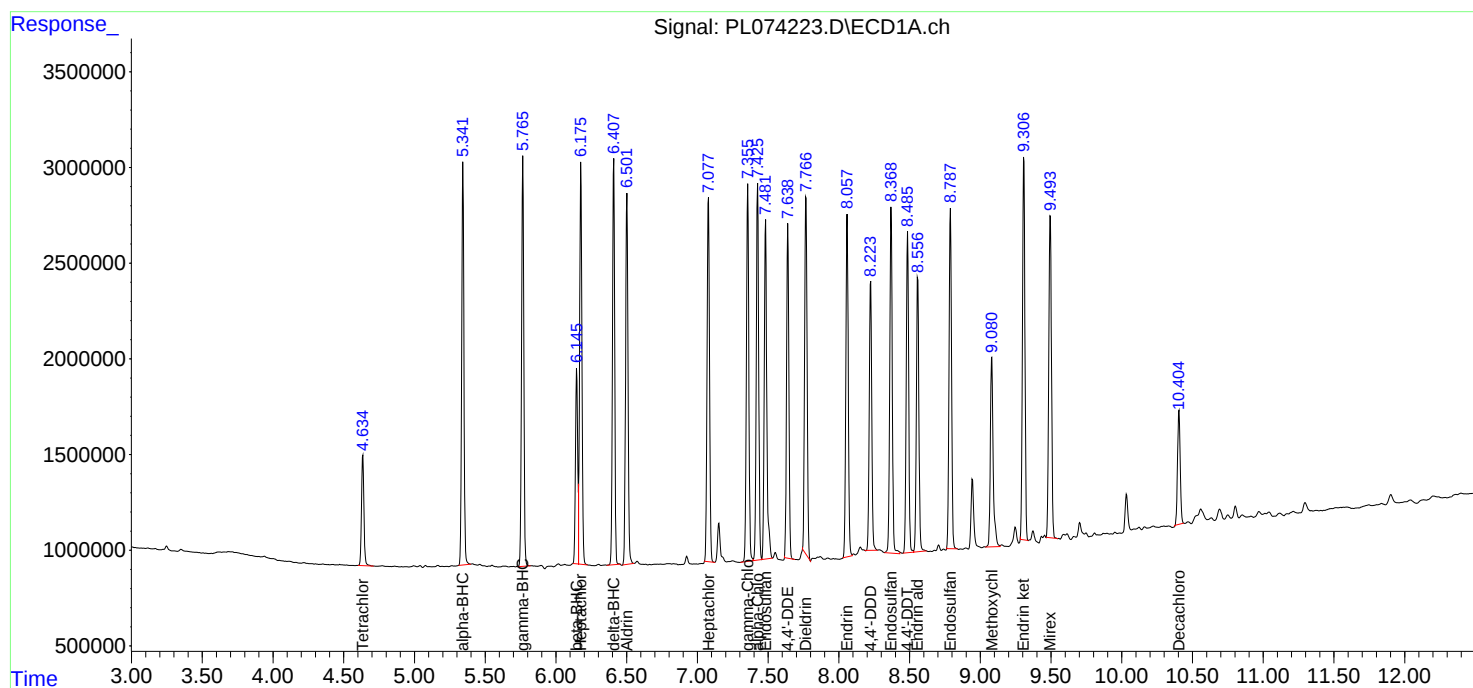
Instrument :
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 E14ST-EB2-041822-5-10MS

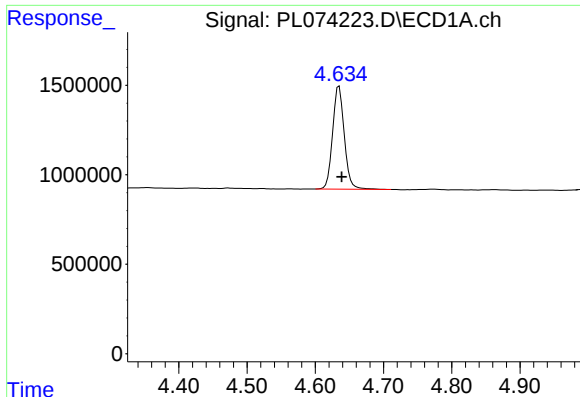
Manual Integrations APPROVED

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 Supervised By :mohammad ahmed 04/22/2022

Integration File signal 1: autoint1.e
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 Quant Time: Apr 21 02:57:52 2022
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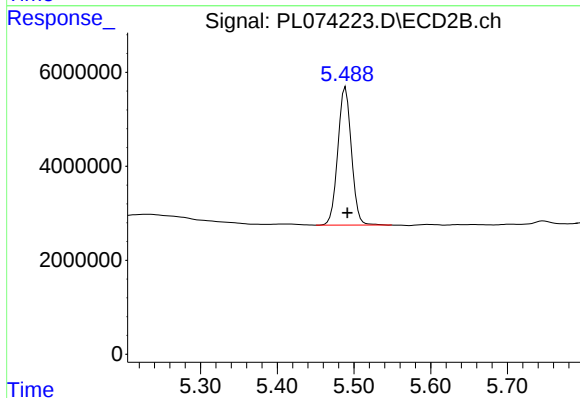
#1 Tetrachloro-m-xylene

R.T.: 4.635 min
Delta R.T.: -0.004 min
Response: 6848313
Conc: 21.19 ng/ml

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

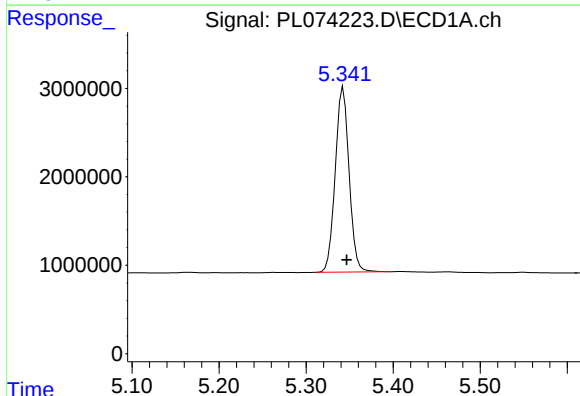
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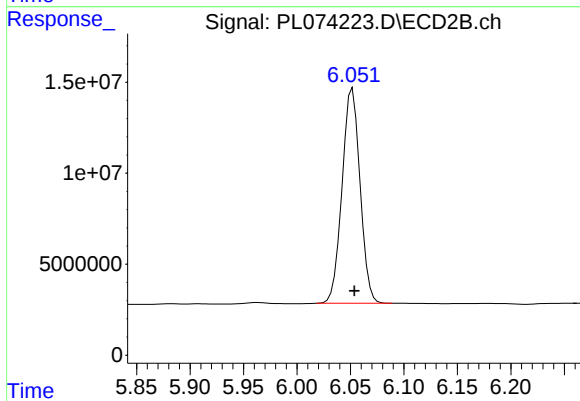
#1 Tetrachloro-m-xylene

R.T.: 5.489 min
Delta R.T.: -0.002 min
Response: 36173539
Conc: 20.29 ng/ml



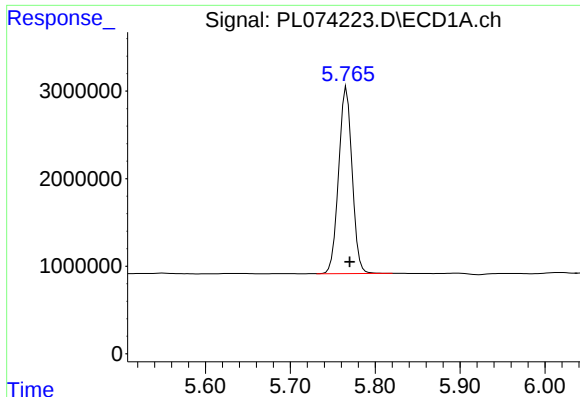
#2 alpha-BHC

R.T.: 5.343 min
Delta R.T.: -0.004 min
Response: 23162687
Conc: 55.19 ng/ml



#2 alpha-BHC

R.T.: 6.052 min
Delta R.T.: -0.002 min
Response: 138228426
Conc: 54.89 ng/ml



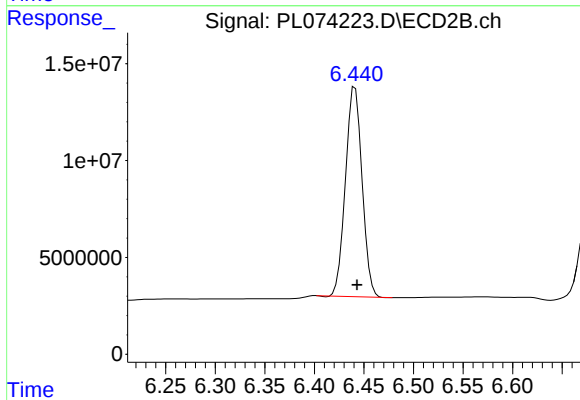
#3 gamma-BHC (Lindane)

R.T.: 5.766 min
Delta R.T.: -0.004 min
Response: 23420529
Conc: 55.84 ng/ml

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

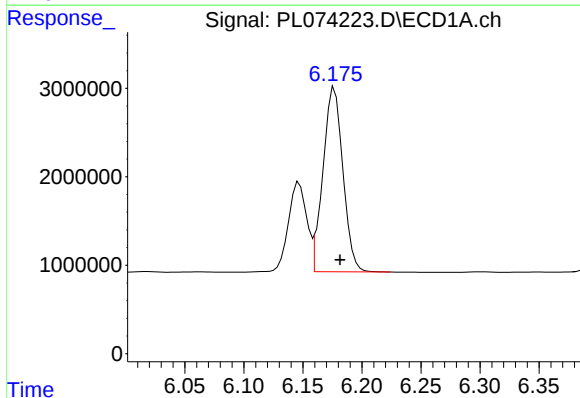
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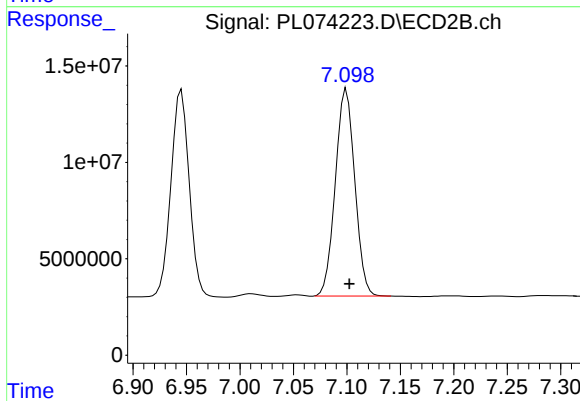
#3 gamma-BHC (Lindane)

R.T.: 6.441 min
Delta R.T.: -0.002 min
Response: 126244298
Conc: 53.33 ng/ml



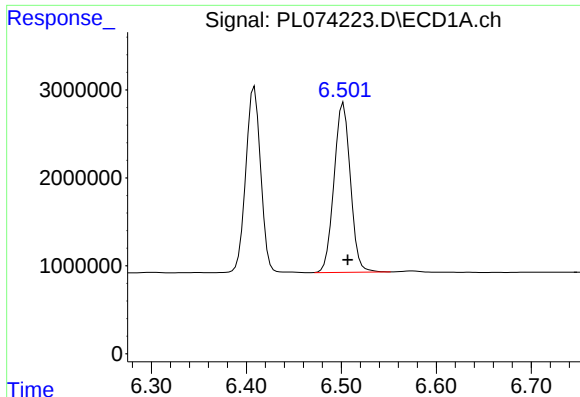
#4 Heptachlor

R.T.: 6.177 min
Delta R.T.: -0.005 min
Response: 24457836
Conc: 54.30 ng/ml



#4 Heptachlor

R.T.: 7.100 min
Delta R.T.: -0.003 min
Response: 136127720
Conc: 52.19 ng/ml



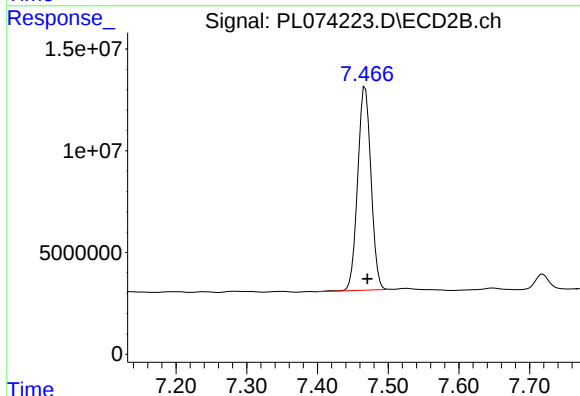
#5 Aldrin

R.T.: 6.502 min
Delta R.T.: -0.004 min
Response: 23074436
Conc: 55.59 ng/ml

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

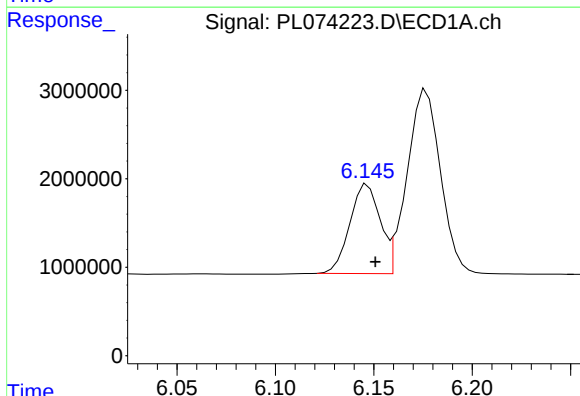
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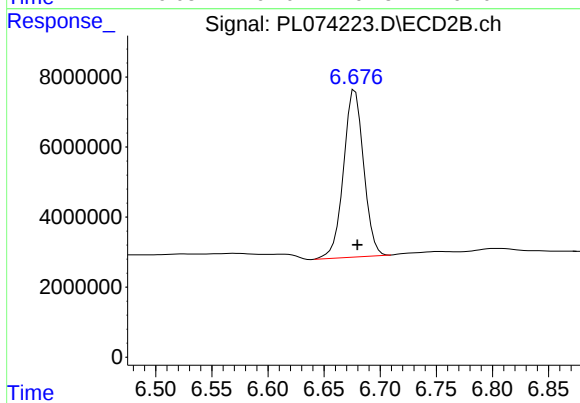
#5 Aldrin

R.T.: 7.468 min
Delta R.T.: -0.003 min
Response: 130862626
Conc: 55.72 ng/ml



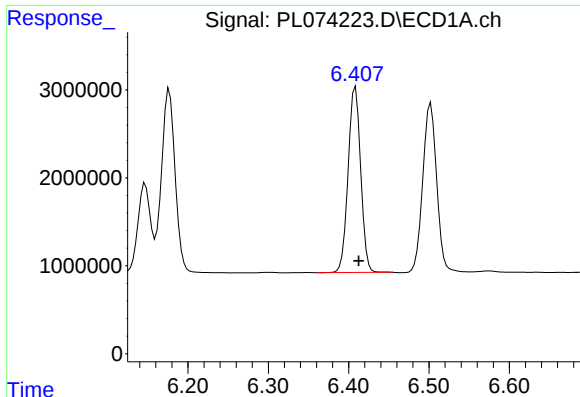
#6 beta-BHC

R.T.: 6.147 min
Delta R.T.: -0.004 min
Response: 10814782
Conc: 52.93 ng/ml



#6 beta-BHC

R.T.: 6.678 min
Delta R.T.: -0.002 min
Response: 59493074
Conc: 52.79 ng/ml



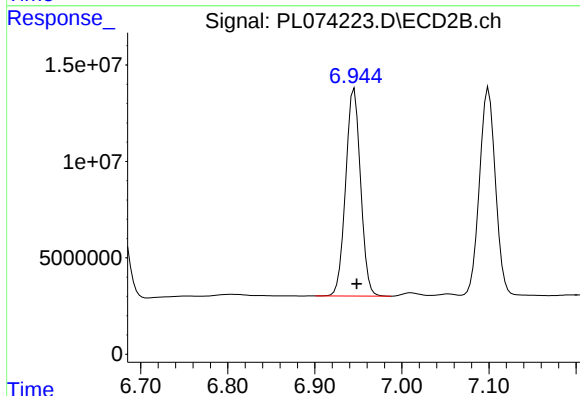
#7 delta-BHC

R.T.: 6.409 min
Delta R.T.: -0.004 min
Response: 22952100
Conc: 55.48 ng/ml

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

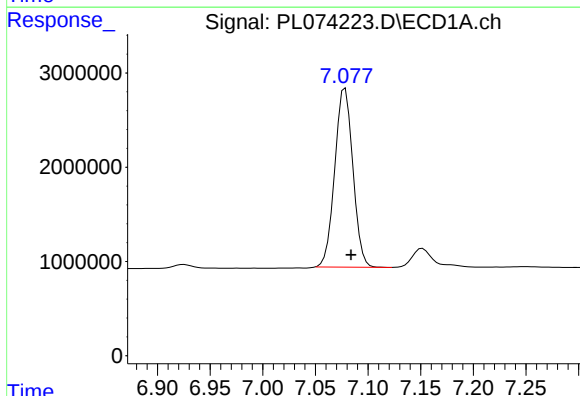
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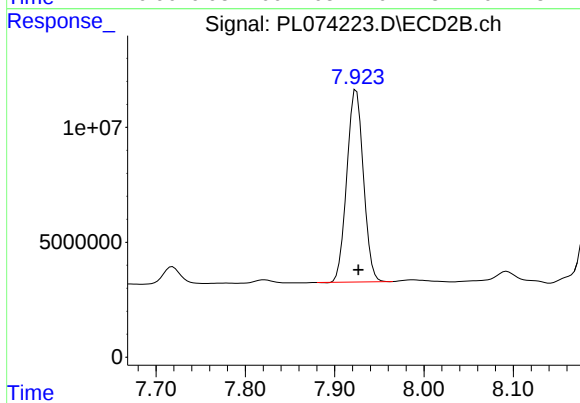
#7 delta-BHC

R.T.: 6.945 min
Delta R.T.: -0.003 min
Response: 128041620
Conc: 52.43 ng/ml



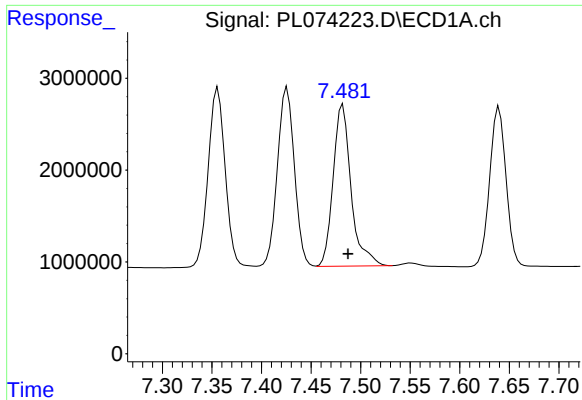
#8 Heptachlor epoxide

R.T.: 7.078 min
Delta R.T.: -0.006 min
Response: 22745322
Conc: 53.03 ng/ml



#8 Heptachlor epoxide

R.T.: 7.924 min
Delta R.T.: -0.002 min
Response: 107965826
Conc: 47.95 ng/ml



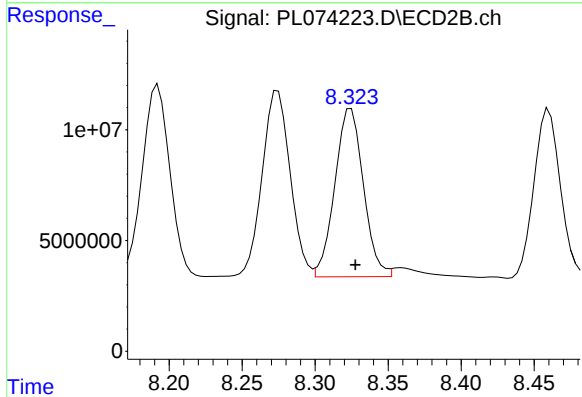
#9 Endosulfan I

R.T.: 7.482 min
Delta R.T.: -0.005 min
Response: 22191824
Conc: 54.11 ng/ml

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

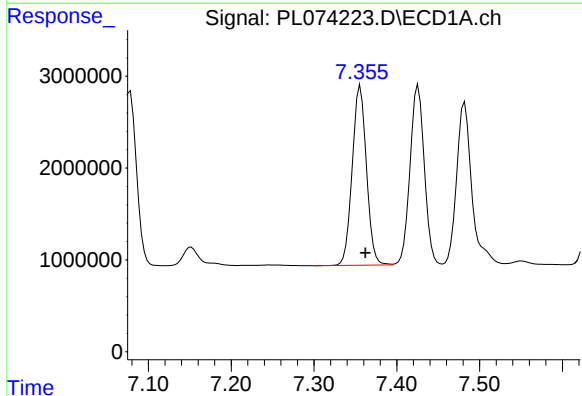
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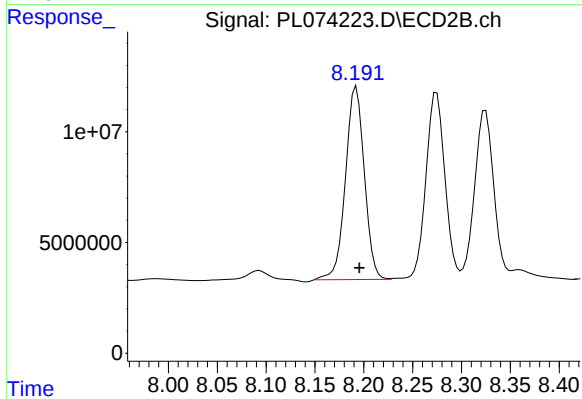
#9 Endosulfan I

R.T.: 8.325 min
Delta R.T.: -0.003 min
Response: 103288465
Conc: 52.47 ng/ml



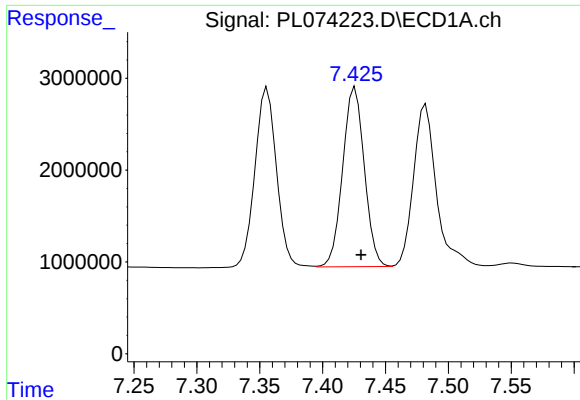
#10 gamma-Chlordane

R.T.: 7.356 min
Delta R.T.: -0.006 min
Response: 23379274
Conc: 53.31 ng/ml



#10 gamma-Chlordane

R.T.: 8.192 min
Delta R.T.: -0.003 min
Response: 117107445
Conc: 52.51 ng/ml



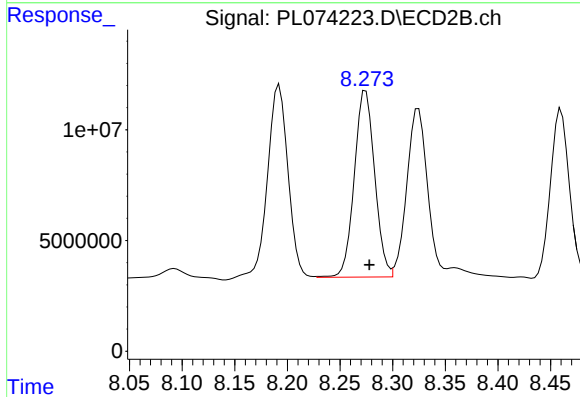
#11 alpha-Chlordane

R.T.: 7.426 min
Delta R.T.: -0.005 min
Response: 23396710
Conc: 52.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
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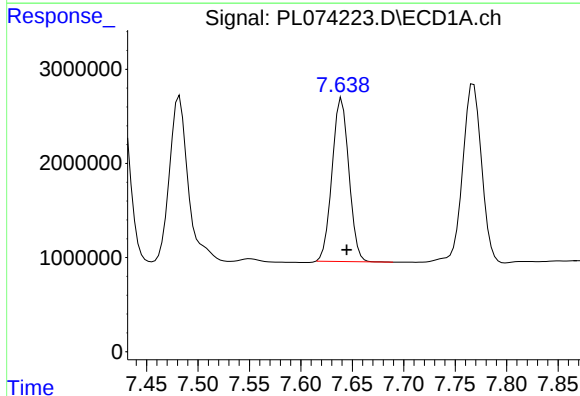
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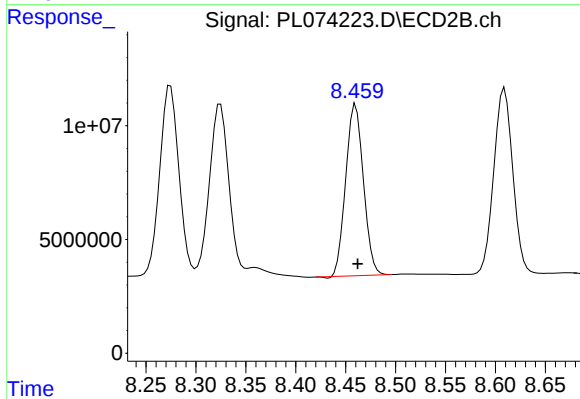
#11 alpha-Chlordane

R.T.: 8.274 min
Delta R.T.: -0.003 min
Response: 113516197
Conc: 52.73 ng/ml



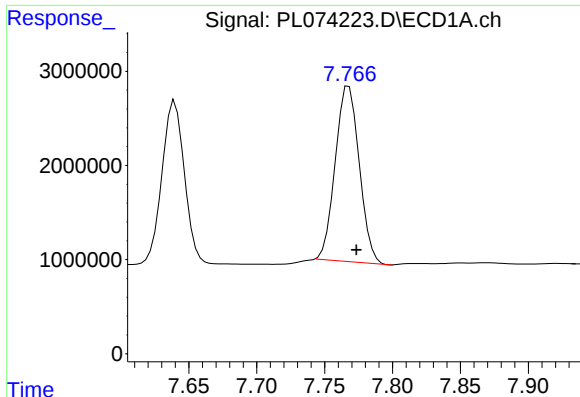
#12 4,4'-DDE

R.T.: 7.640 min
Delta R.T.: -0.005 min
Response: 19710987
Conc: 54.03 ng/ml



#12 4,4'-DDE

R.T.: 8.460 min
Delta R.T.: -0.002 min
Response: 92832668
Conc: 46.61 ng/ml



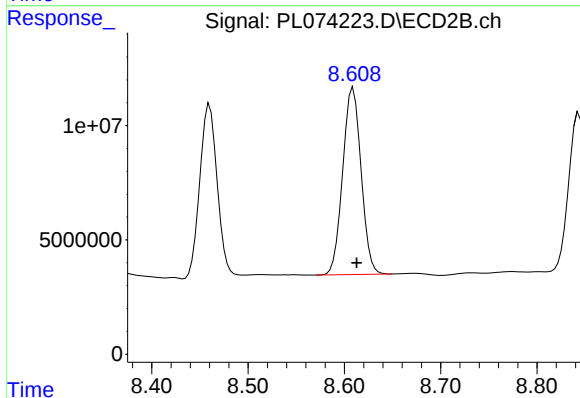
#13 Dieldrin

R.T.: 7.768 min
Delta R.T.: -0.006 min
Response: 22913934
Conc: 53.34 ng/ml

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

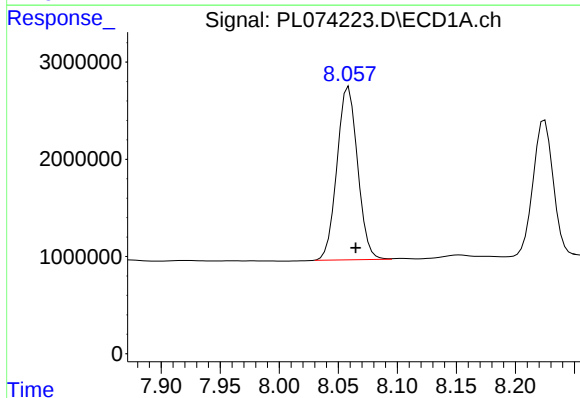
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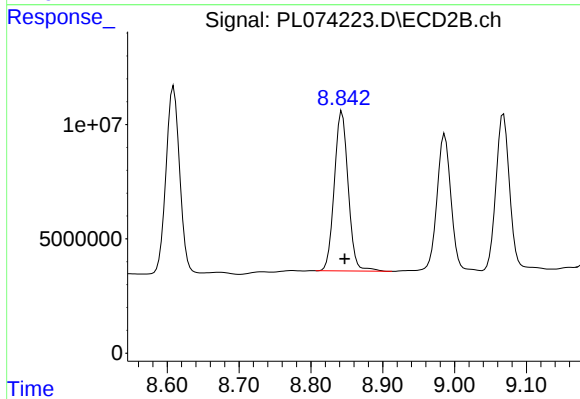
#13 Dieldrin

R.T.: 8.609 min
Delta R.T.: -0.004 min
Response: 108150303
Conc: 53.93 ng/ml



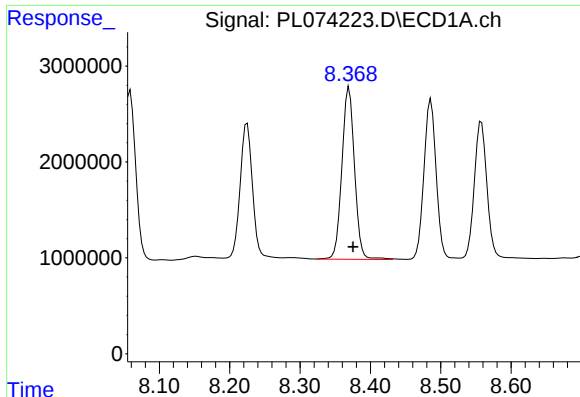
#14 Endrin

R.T.: 8.059 min
Delta R.T.: -0.006 min
Response: 21650399
Conc: 53.30 ng/ml



#14 Endrin

R.T.: 8.843 min
Delta R.T.: -0.004 min
Response: 93622173
Conc: 55.28 ng/ml



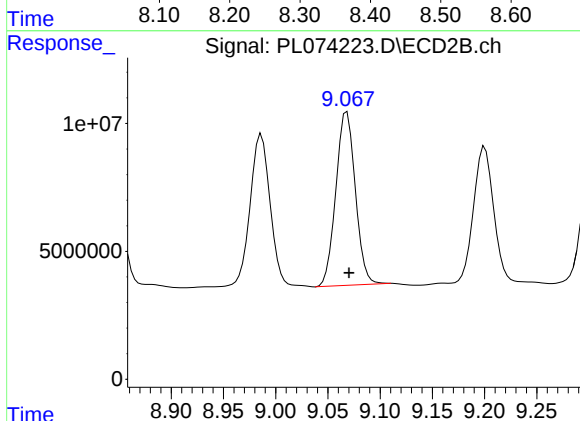
#15 Endosulfan II

R.T.: 8.370 min
Delta R.T.: -0.006 min
Response: 22400441
Conc: 54.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
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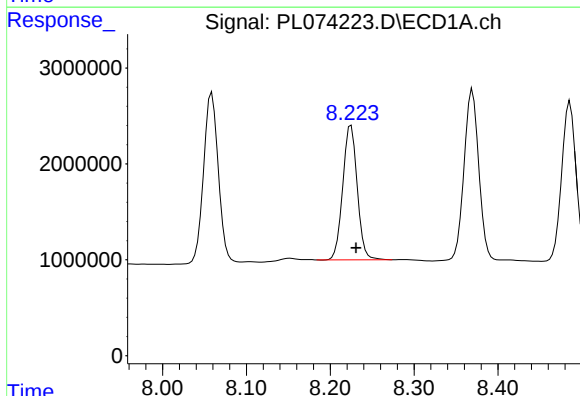
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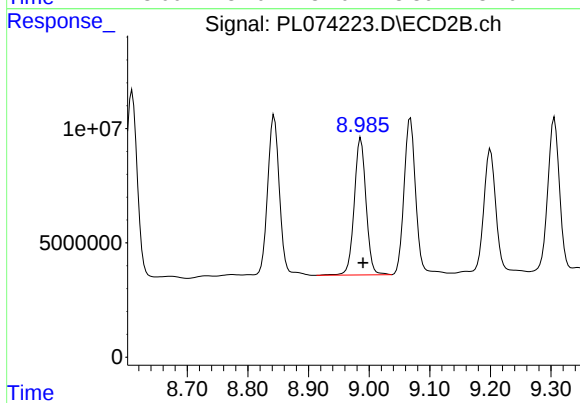
#15 Endosulfan II

R.T.: 9.068 min
Delta R.T.: -0.002 min
Response: 87998059
Conc: 50.65 ng/ml



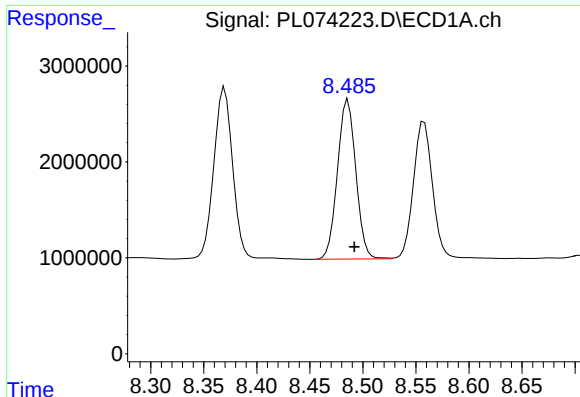
#16 4,4'-DDD

R.T.: 8.225 min
Delta R.T.: -0.006 min
Response: 16855478
Conc: 52.20 ng/ml



#16 4,4'-DDD

R.T.: 8.986 min
Delta R.T.: -0.004 min
Response: 81136461
Conc: 52.73 ng/ml



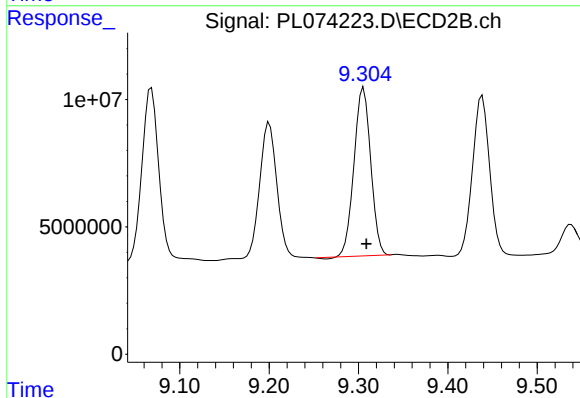
#17 4,4'-DDT

R.T.: 8.486 min
Delta R.T.: -0.006 min
Response: 20045306
Conc: 54.23 ng/ml

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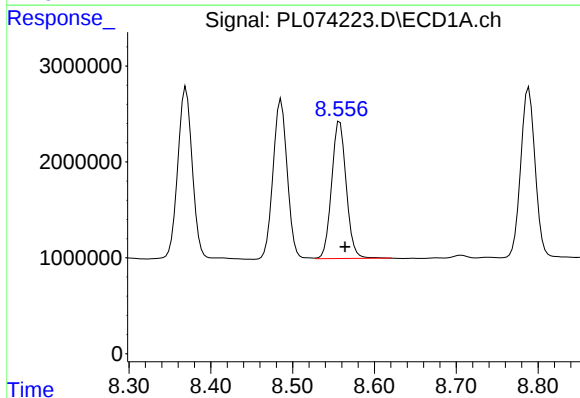
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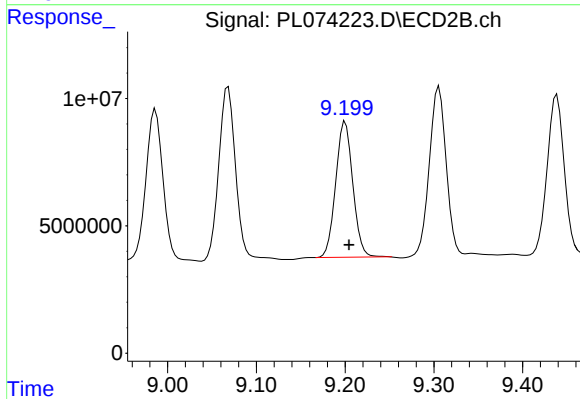
#17 4,4'-DDT

R.T.: 9.306 min
Delta R.T.: -0.003 min
Response: 85721892
Conc: 48.36 ng/ml



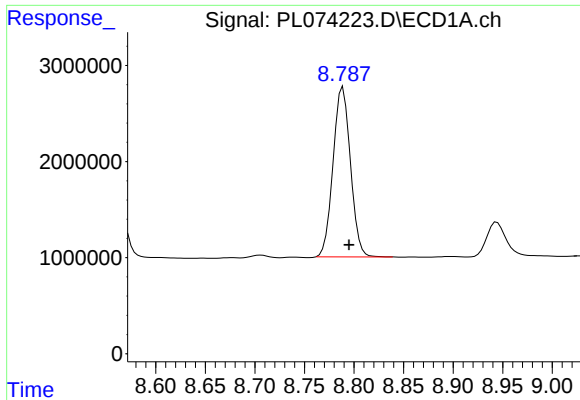
#18 Endrin aldehyde

R.T.: 8.558 min
Delta R.T.: -0.007 min
Response: 17811450
Conc: 55.05 ng/ml



#18 Endrin aldehyde

R.T.: 9.200 min
Delta R.T.: -0.004 min
Response: 71458557
Conc: 55.32 ng/ml



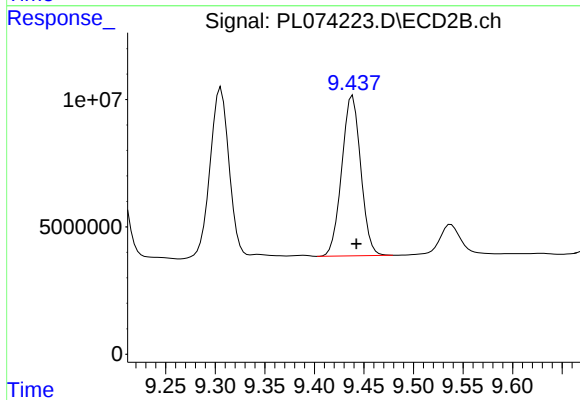
#19 Endosulfan Sulfate

R.T.: 8.789 min
Delta R.T.: -0.006 min
Response: 21529177
Conc: 50.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
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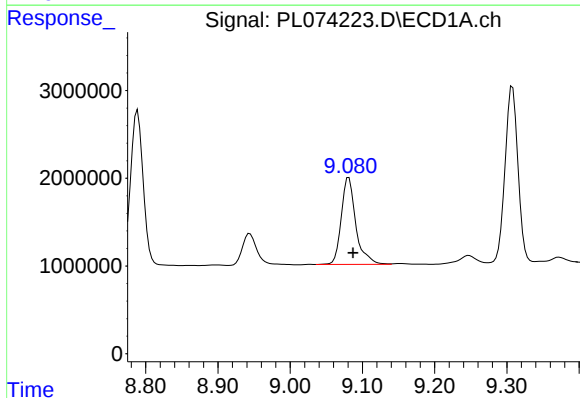
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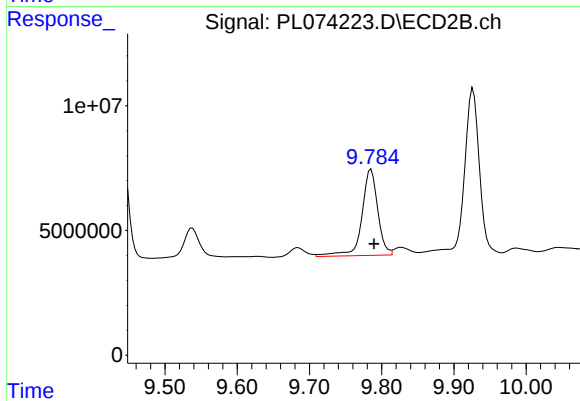
#19 Endosulfan Sulfate

R.T.: 9.439 min
Delta R.T.: -0.004 min
Response: 83958266
Conc: 50.45 ng/ml



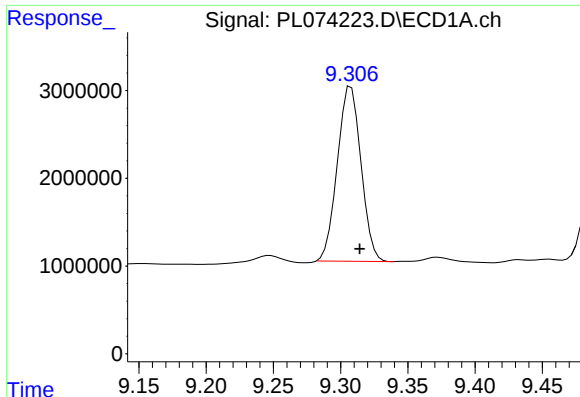
#20 Methoxychlor

R.T.: 9.081 min
Delta R.T.: -0.006 min
Response: 13839701
Conc: 55.74 ng/ml



#20 Methoxychlor

R.T.: 9.785 min
Delta R.T.: -0.004 min
Response: 52868191
Conc: 54.97 ng/ml



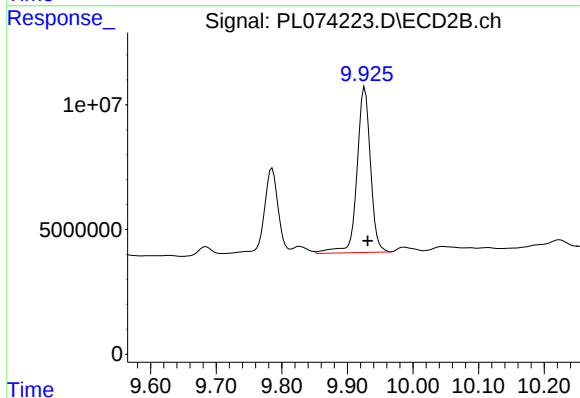
#21 Endrin ketone

R.T.: 9.308 min
Delta R.T.: -0.007 min
Response: 24293316
Conc: 49.73 ng/ml

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

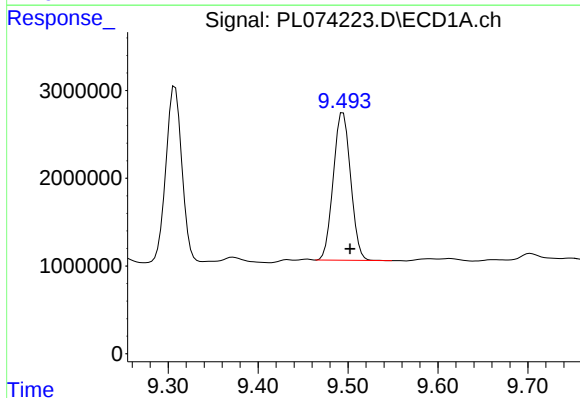
Manual Integrations
APPROVED

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



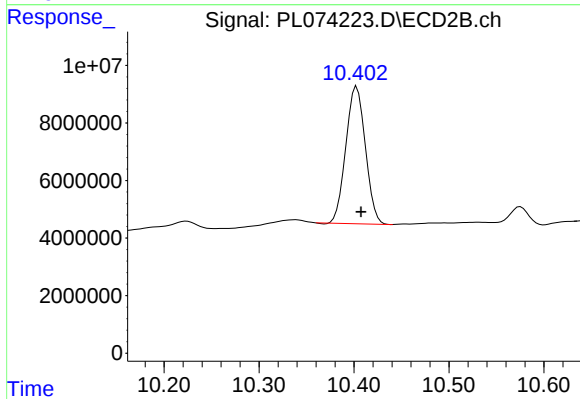
#21 Endrin ketone

R.T.: 9.926 min
Delta R.T.: -0.004 min
Response: 94760083
Conc: 54.74 ng/ml



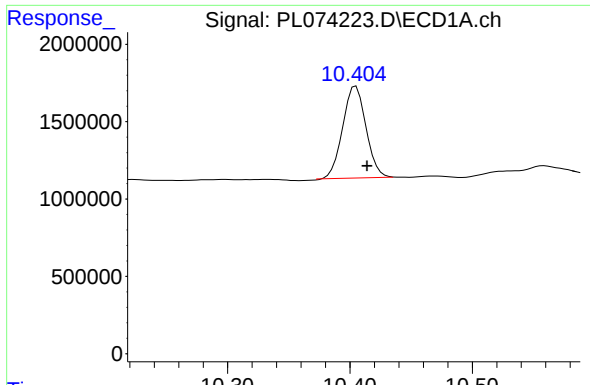
#22 Mirex

R.T.: 9.495 min
Delta R.T.: -0.008 min
Response: 22587106
Conc: 48.43 ng/ml



#22 Mirex

R.T.: 10.403 min
Delta R.T.: -0.005 min
Response: 68173076
Conc: 49.49 ng/ml



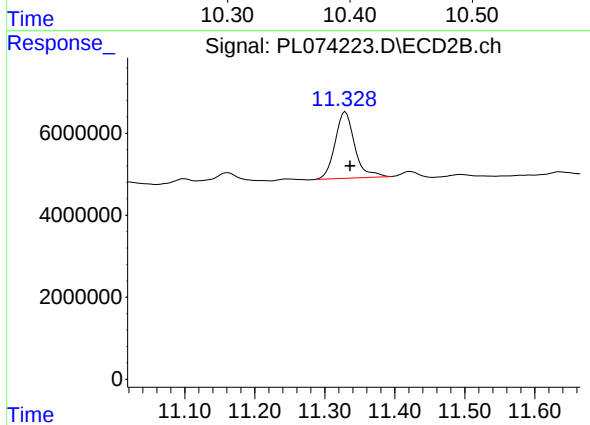
#28 Decachlorobiphenyl

R.T.: 10.404 min
Delta R.T.: -0.010 min
Response: 7873903
Conc: 15.14 ng/ml

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

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: 31602342
Conc: 17.89 ng/ml