

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031822\
 Data File : PL073480.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Mar 2022 17:53
 Operator : AR\AJ
 Sample : PB143454BS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB143454BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/21/2022
 Supervised By : mohammad ahmed 03/22/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 19 00:55:44 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031122.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 14 04:12:46 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...	4.642	5.492	6580448	36773907	20.546	22.406
28)	SA Decachlor...	10.417	11.331	11038926	38125419	21.709	21.321
Target Compounds							
2)	A alpha-BHC	5.351	6.054	21403219	135.3E6	51.924	60.161
3)	MA gamma-BHC...	5.774	6.444	21382275	127.1E6	51.260	59.519
4)	MA Heptachlor	6.186	7.103	22872109	136.5E6	50.692	58.263
5)	MB Aldrin	6.511	7.471	21992400	130.5E6	53.229	62.315
6)	B beta-BHC	6.154	6.680	10211712	55401145	49.596	53.149
7)	B delta-BHC	6.416	6.947	21111429	126.0E6	52.562	58.494
8)	B Heptachlo...	7.088	7.927	22021813	118.2E6	51.097	59.156
9)	A Endosulfan I	7.491	8.327	20808468	105.1E6	50.725	57.573
10)	B gamma-Chl...	7.365	8.194	22437248	119.2E6	51.308	58.380
11)	B alpha-Chl...	7.436	8.277	22695451	117.0E6	51.355	58.483
12)	B 4,4'-DDE	7.649	8.461	18517874	107.2E6	51.605	59.824
13)	MA Dieldrin	7.777	8.611	22209413	111.5E6	53.308	60.464
14)	MA Endrin	8.069	8.846	20513941	89601306	52.870	58.205
15)	B Endosulfa...	8.379	9.070	21318168	92367310	54.539	60.141
16)	A 4,4'-DDD	8.235	8.988	16640174	83257460	51.242	57.037
17)	MA 4,4'-DDT	8.496	9.307	18811104	88004793	49.741	53.841
18)	B Endrin al...	8.568	9.201	17798743	75173381	56.281	61.300m
19)	B Endosulfa...	8.799	9.439	21730875	88429192	51.443	56.107
20)	A Methoxychlor	9.092	9.786	12548621	47177404	48.916	52.357
21)	B Endrin ke...	9.318	9.928	26176885	93748003	53.507	56.797
22)	Mirex	9.506	10.404	25844716	82082763	54.807	60.424

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031822\
 Data File : PL073480.D
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 Acq On : 18 Mar 2022 17:53
 Operator : AR\AJ
 Sample : PB143454BS
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 ALS Vial : 23 Sample Multiplier: 1

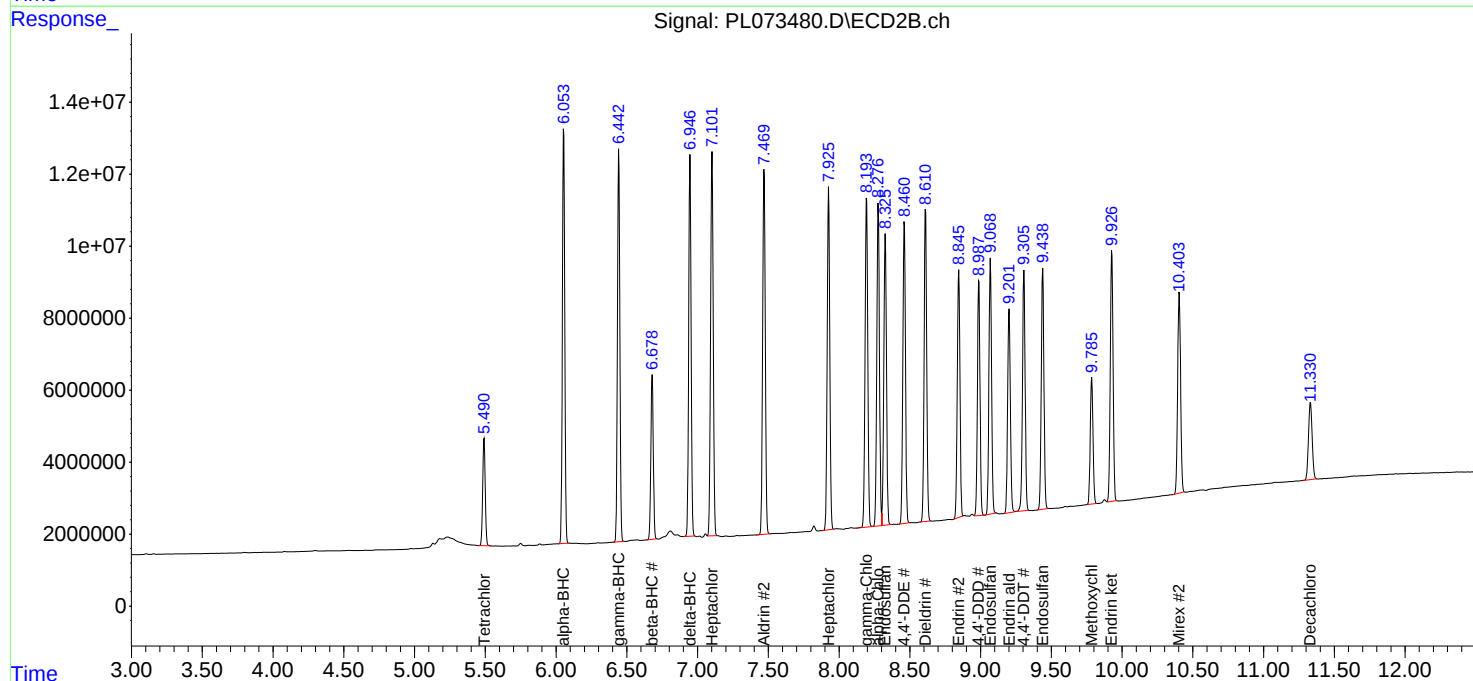
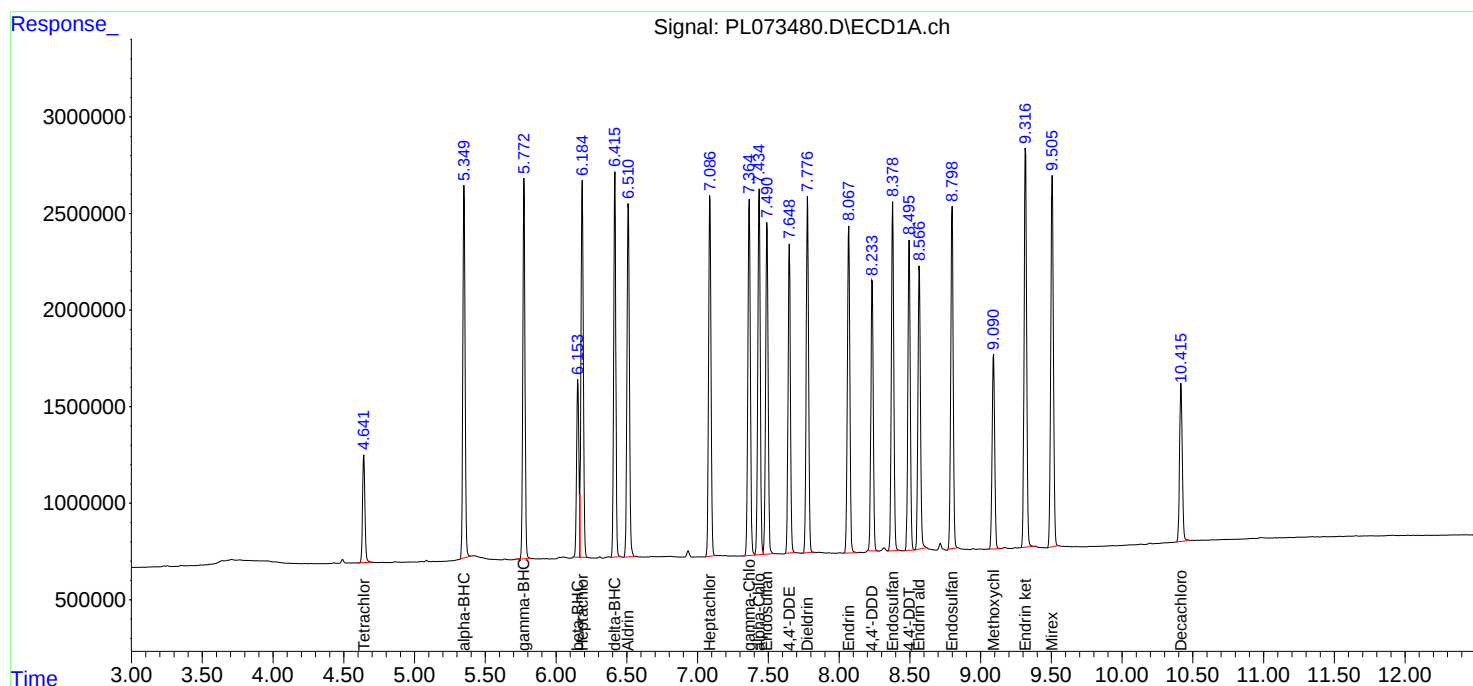
Instrument :
 ECD_L
 ClientSampleId :
 PB143454BS

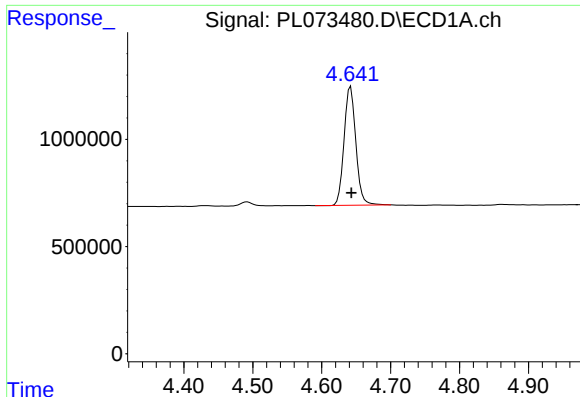
Manual Integrations APPROVED

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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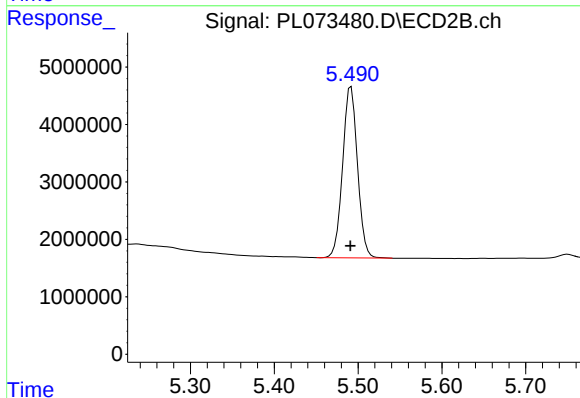
#1 Tetrachloro-m-xylene

R.T.: 4.642 min
Delta R.T.: 0.000 min
Response: 6580448
Conc: 20.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143454BS

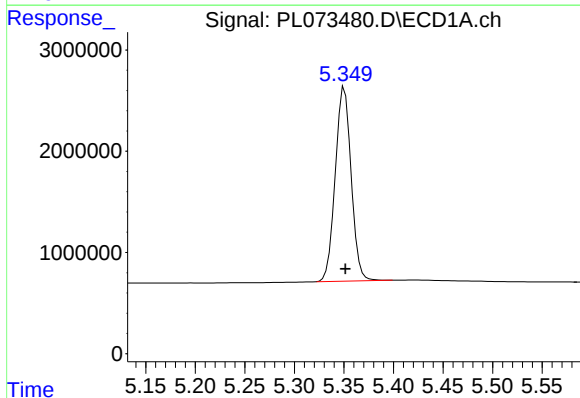
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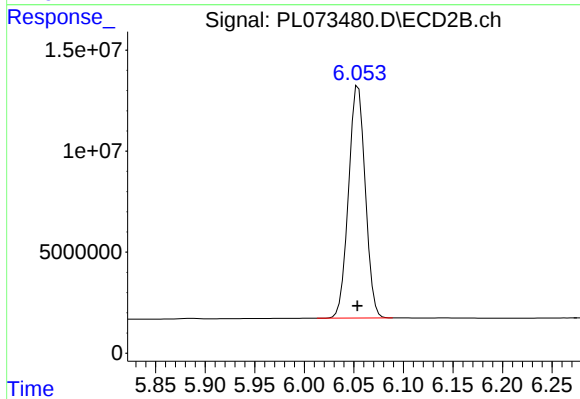
#1 Tetrachloro-m-xylene

R.T.: 5.492 min
Delta R.T.: 0.000 min
Response: 36773907
Conc: 22.41 ng/ml



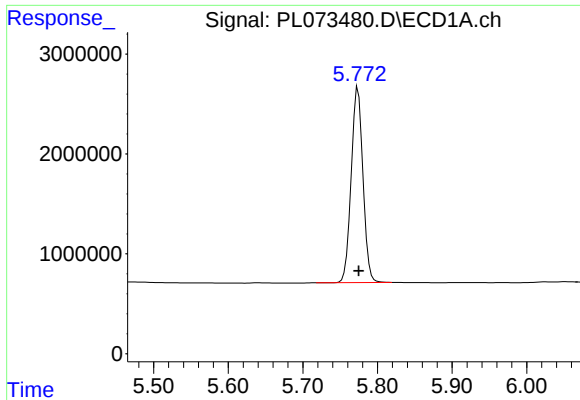
#2 alpha-BHC

R.T.: 5.351 min
Delta R.T.: 0.000 min
Response: 21403219
Conc: 51.92 ng/ml



#2 alpha-BHC

R.T.: 6.054 min
Delta R.T.: 0.000 min
Response: 135340617
Conc: 60.16 ng/ml



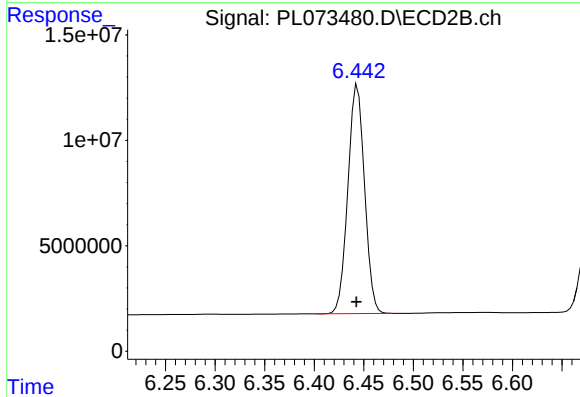
#3 gamma-BHC (Lindane)

R.T.: 5.774 min
Delta R.T.: -0.001 min
Response: 21382275
Conc: 51.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143454BS

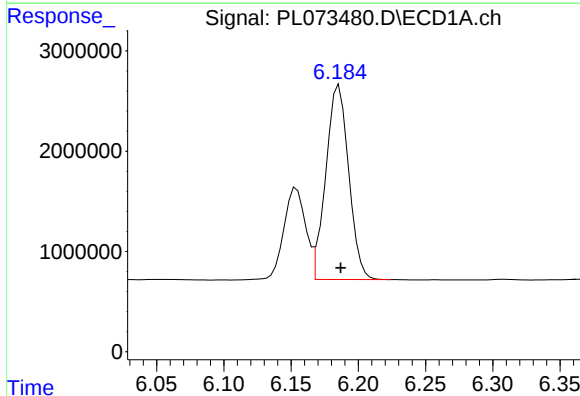
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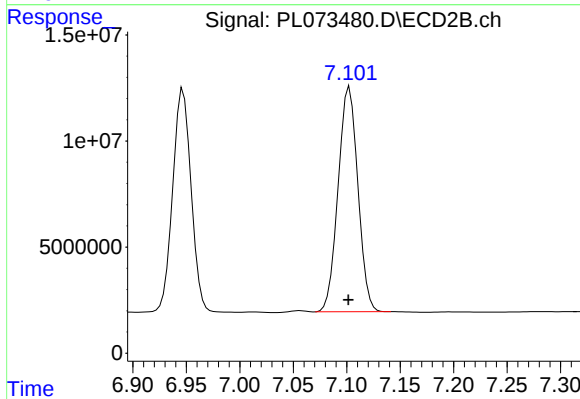
#3 gamma-BHC (Lindane)

R.T.: 6.444 min
Delta R.T.: 0.001 min
Response: 127078380
Conc: 59.52 ng/ml



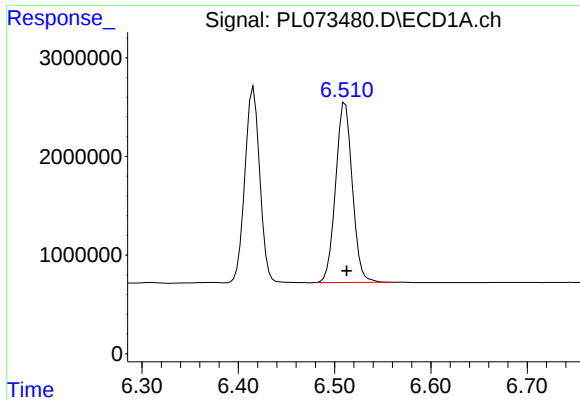
#4 Heptachlor

R.T.: 6.186 min
Delta R.T.: -0.001 min
Response: 22872109
Conc: 50.69 ng/ml



#4 Heptachlor

R.T.: 7.103 min
Delta R.T.: 0.001 min
Response: 136514686
Conc: 58.26 ng/ml



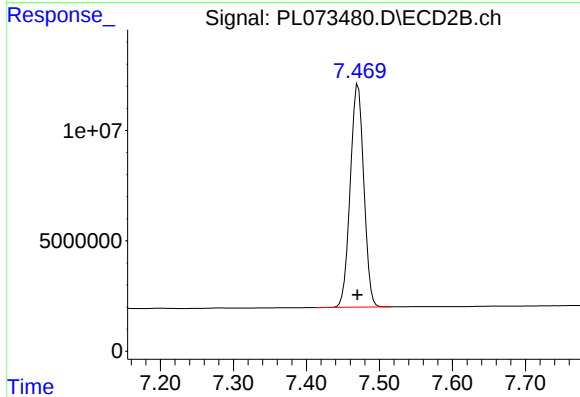
#5 Aldrin

R.T.: 6.511 min
Delta R.T.: -0.001 min
Response: 21992400
Conc: 53.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143454BS

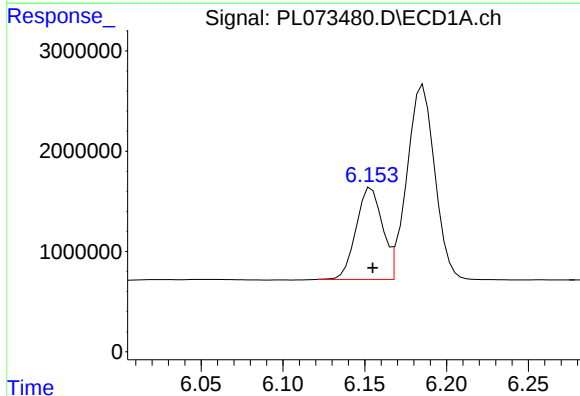
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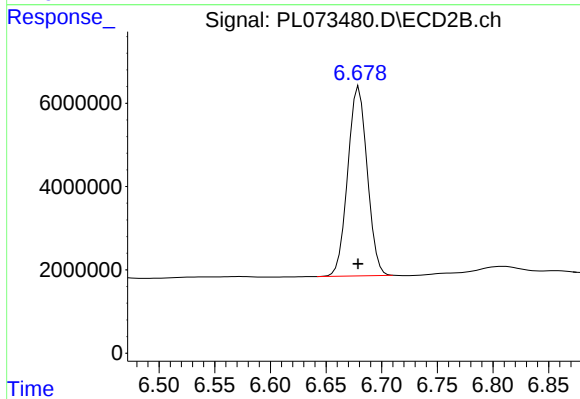
#5 Aldrin

R.T.: 7.471 min
Delta R.T.: 0.001 min
Response: 130548022
Conc: 62.31 ng/ml



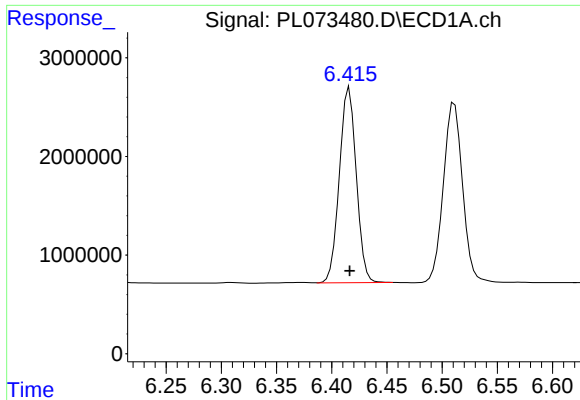
#6 beta-BHC

R.T.: 6.154 min
Delta R.T.: 0.000 min
Response: 10211712
Conc: 49.60 ng/ml



#6 beta-BHC

R.T.: 6.680 min
Delta R.T.: 0.000 min
Response: 55401145
Conc: 53.15 ng/ml



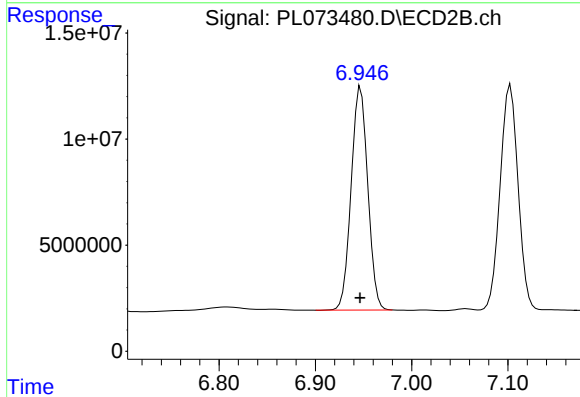
#7 delta-BHC

R.T.: 6.416 min
Delta R.T.: 0.000 min
Response: 21111429
Conc: 52.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143454BS

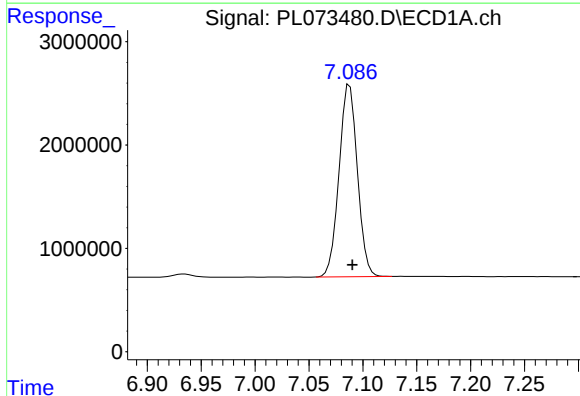
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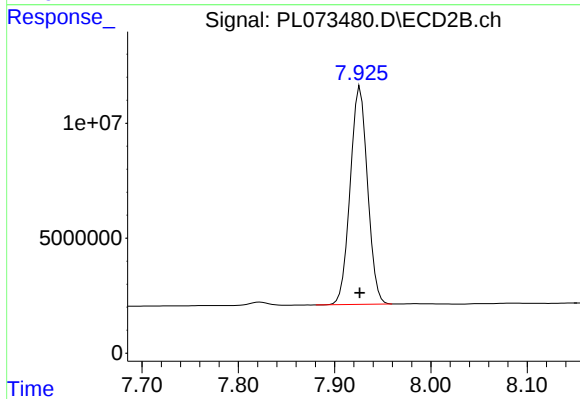
#7 delta-BHC

R.T.: 6.947 min
Delta R.T.: 0.000 min
Response: 125969755
Conc: 58.49 ng/ml



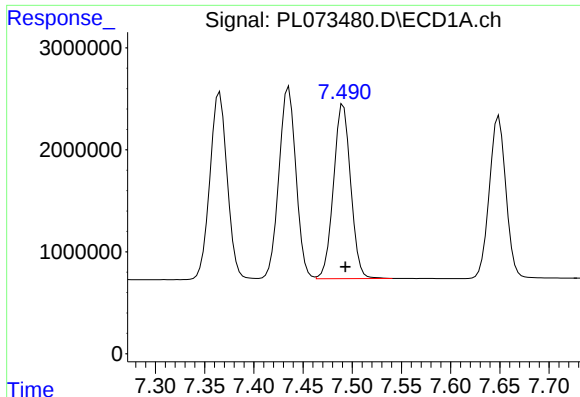
#8 Heptachlor epoxide

R.T.: 7.088 min
Delta R.T.: -0.002 min
Response: 22021813
Conc: 51.10 ng/ml



#8 Heptachlor epoxide

R.T.: 7.927 min
Delta R.T.: 0.000 min
Response: 118153432
Conc: 59.16 ng/ml



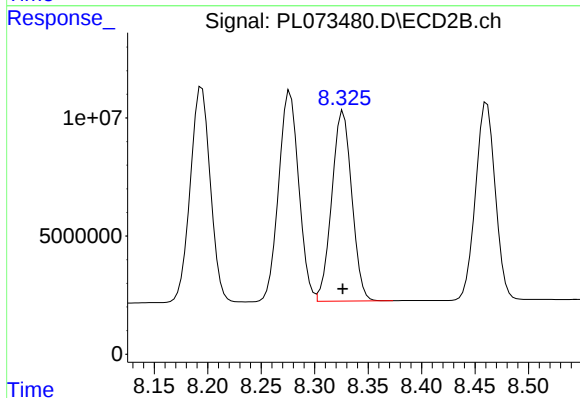
#9 Endosulfan I

R.T.: 7.491 min
Delta R.T.: -0.002 min
Response: 20808468
Conc: 50.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143454BS

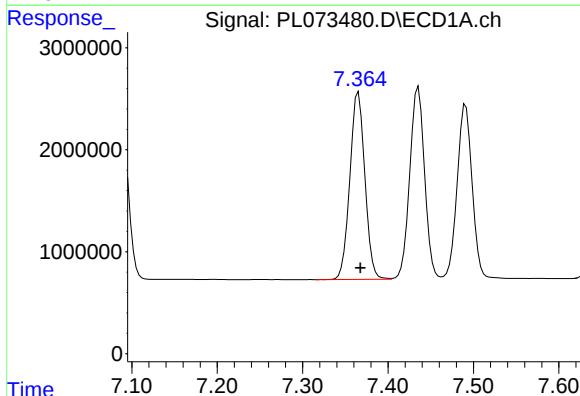
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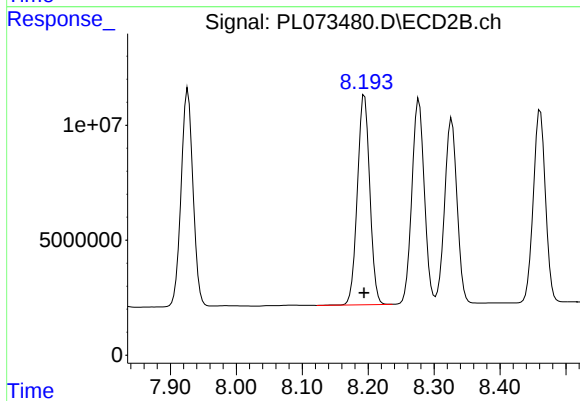
#9 Endosulfan I

R.T.: 8.327 min
Delta R.T.: 0.000 min
Response: 105092560
Conc: 57.57 ng/ml



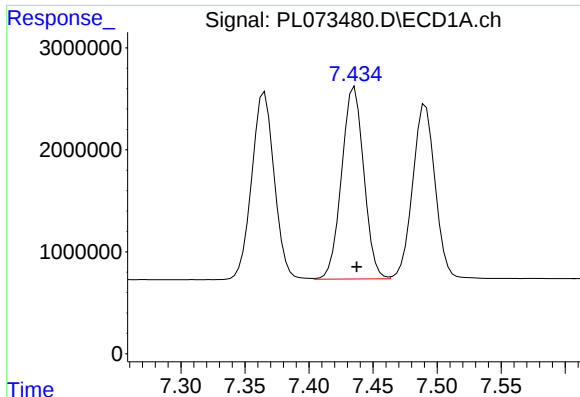
#10 gamma-Chlordane

R.T.: 7.365 min
Delta R.T.: -0.002 min
Response: 22437248
Conc: 51.31 ng/ml



#10 gamma-Chlordane

R.T.: 8.194 min
Delta R.T.: 0.000 min
Response: 119235600
Conc: 58.38 ng/ml



#11 alpha-Chlordane

R.T.: 7.436 min
Delta R.T.: -0.002 min
Response: 22695451
Conc: 51.36 ng/ml

Instrument :

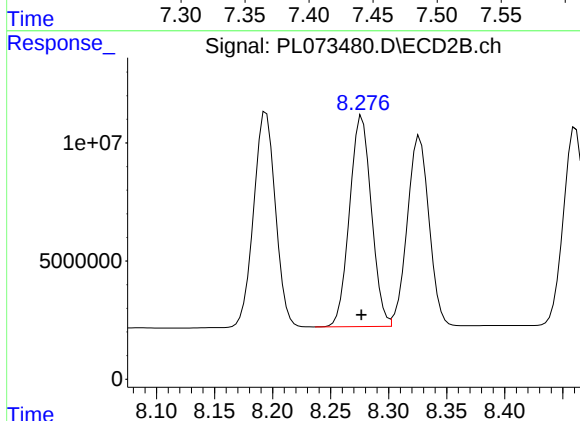
ECD_L

ClientSampleId :

PB143454BS

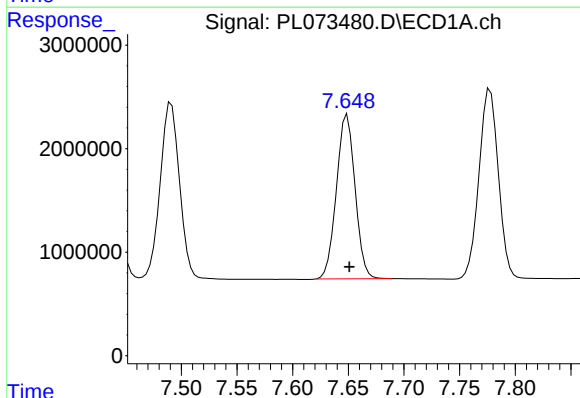
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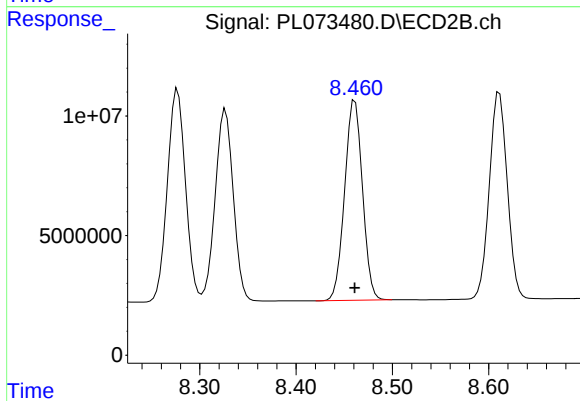
#11 alpha-Chlordane

R.T.: 8.277 min
Delta R.T.: 0.000 min
Response: 116966517
Conc: 58.48 ng/ml



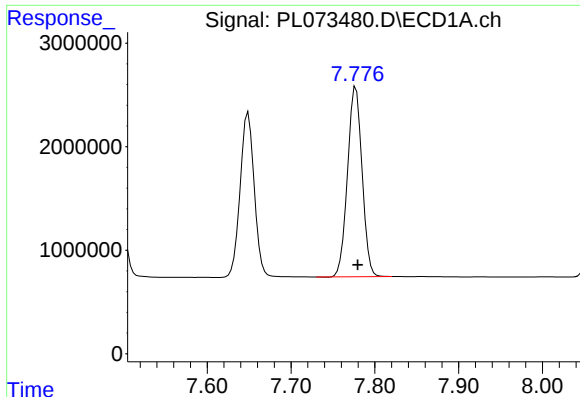
#12 4,4'-DDE

R.T.: 7.649 min
Delta R.T.: -0.002 min
Response: 18517874
Conc: 51.61 ng/ml



#12 4,4'-DDE

R.T.: 8.461 min
Delta R.T.: 0.000 min
Response: 107227100
Conc: 59.82 ng/ml



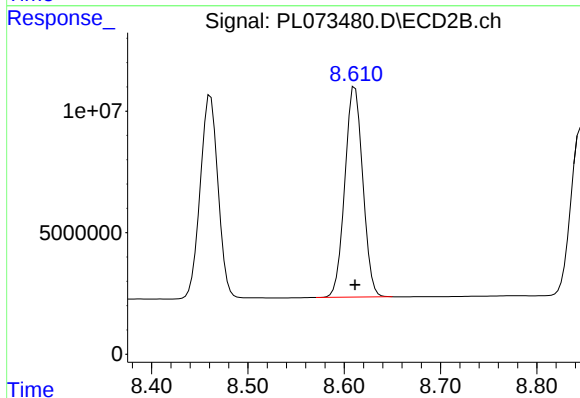
#13 Dieldrin

R.T.: 7.777 min
Delta R.T.: -0.002 min
Response: 22209413
Conc: 53.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143454BS

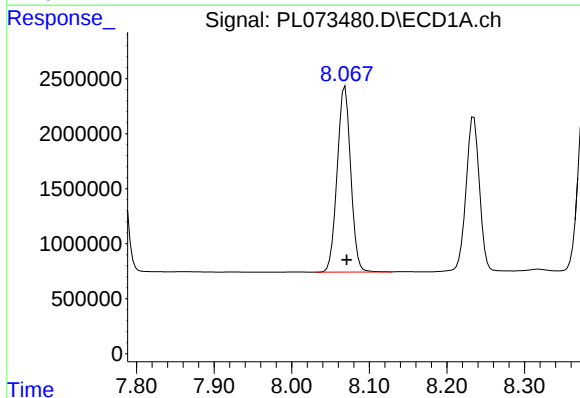
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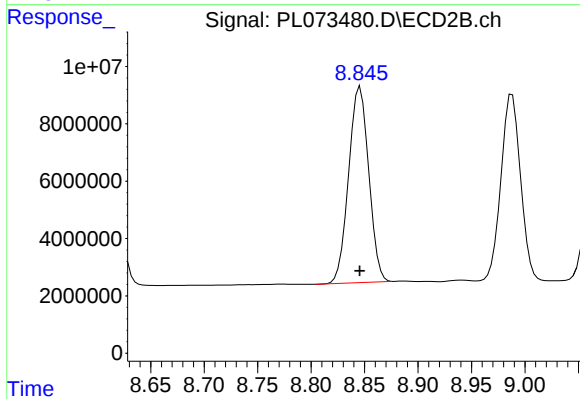
#13 Dieldrin

R.T.: 8.611 min
Delta R.T.: 0.000 min
Response: 111540509
Conc: 60.46 ng/ml



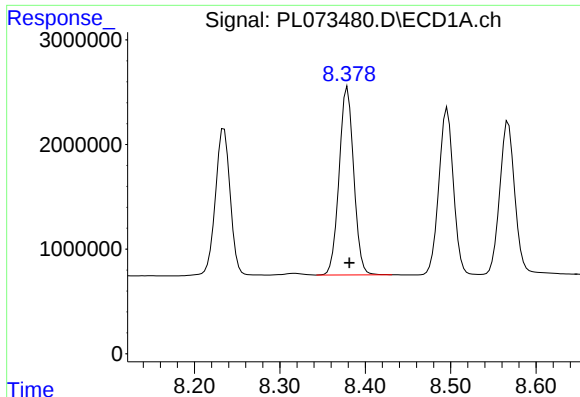
#14 Endrin

R.T.: 8.069 min
Delta R.T.: -0.002 min
Response: 20513941
Conc: 52.87 ng/ml



#14 Endrin

R.T.: 8.846 min
Delta R.T.: 0.000 min
Response: 89601306
Conc: 58.20 ng/ml



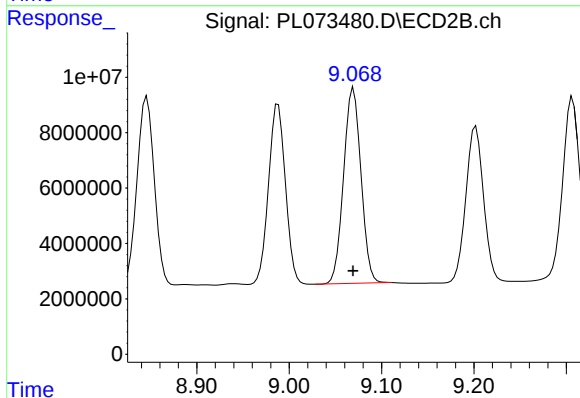
#15 Endosulfan II

R.T.: 8.379 min
Delta R.T.: -0.002 min
Response: 21318168
Conc: 54.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143454BS

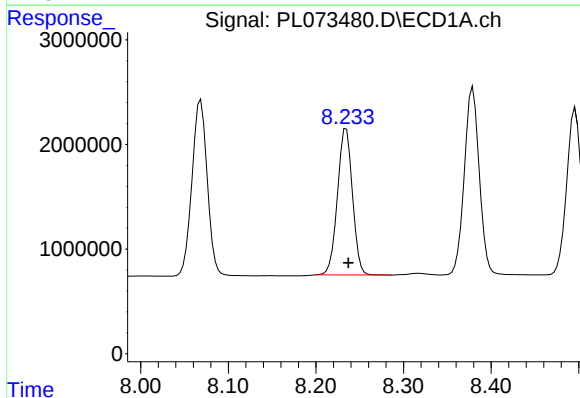
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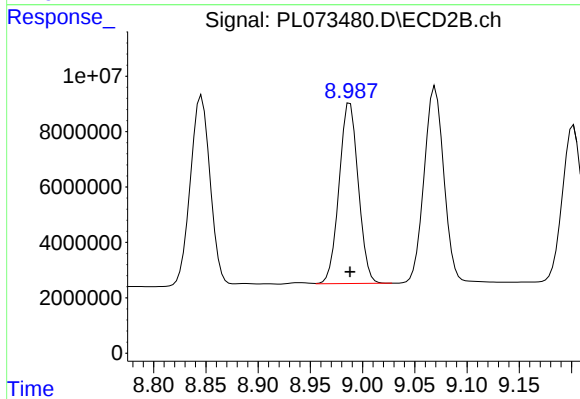
#15 Endosulfan II

R.T.: 9.070 min
Delta R.T.: 0.000 min
Response: 92367310
Conc: 60.14 ng/ml



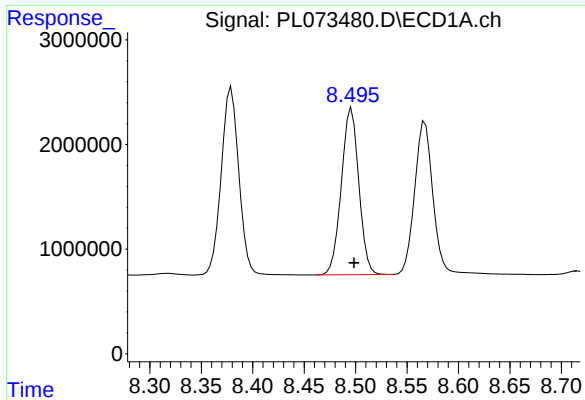
#16 4,4'-DDD

R.T.: 8.235 min
Delta R.T.: -0.002 min
Response: 16640174
Conc: 51.24 ng/ml



#16 4,4'-DDD

R.T.: 8.988 min
Delta R.T.: 0.000 min
Response: 83257460
Conc: 57.04 ng/ml



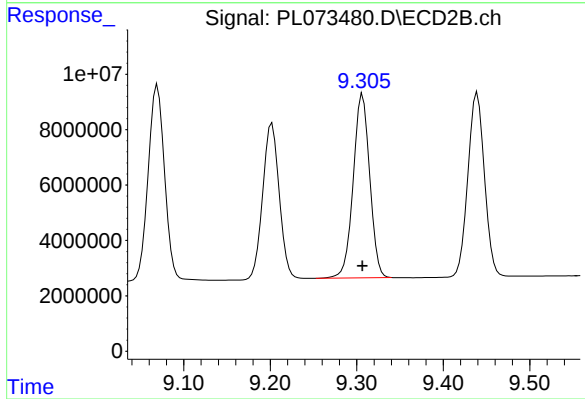
#17 4,4'-DDT

R.T.: 8.496 min
Delta R.T.: -0.003 min
Response: 18811104
Conc: 49.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143454BS

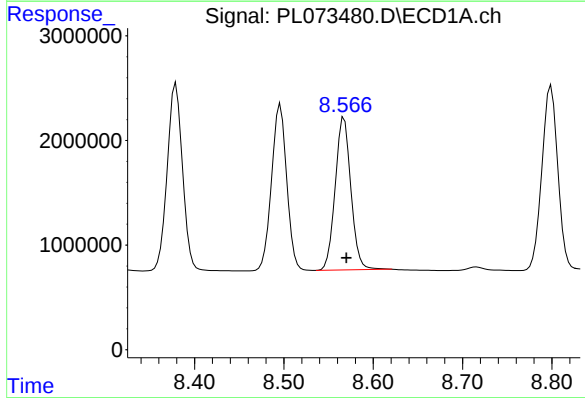
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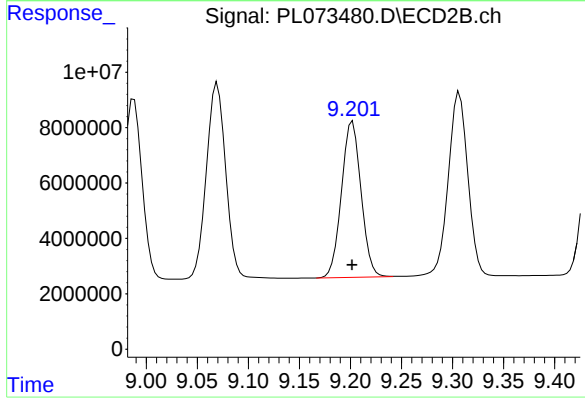
#17 4,4'-DDT

R.T.: 9.307 min
Delta R.T.: 0.000 min
Response: 88004793
Conc: 53.84 ng/ml



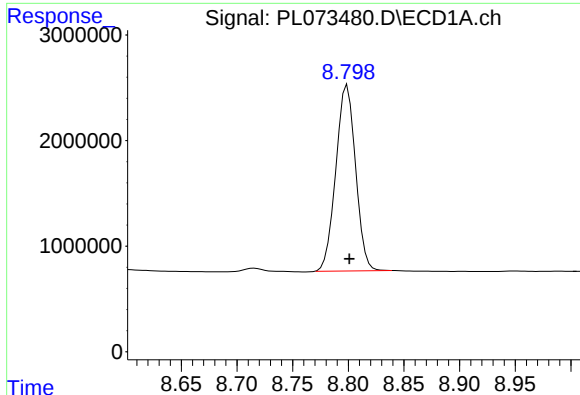
#18 Endrin aldehyde

R.T.: 8.568 min
Delta R.T.: -0.002 min
Response: 17798743
Conc: 56.28 ng/ml



#18 Endrin aldehyde

R.T.: 9.201 min
Delta R.T.: 0.000 min
Response: 75173381
Conc: 61.30 ng/ml m



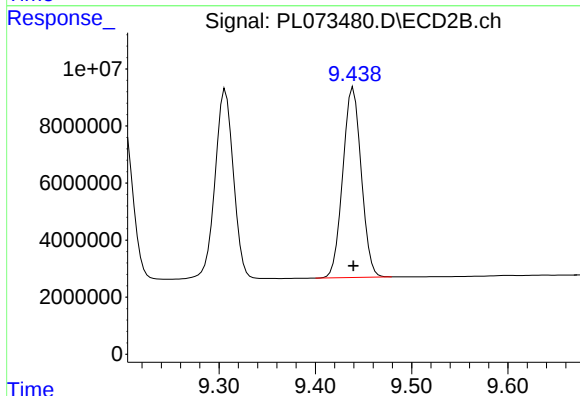
#19 Endosulfan Sulfate

R.T.: 8.799 min
Delta R.T.: -0.002 min
Response: 21730875
Conc: 51.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143454BS

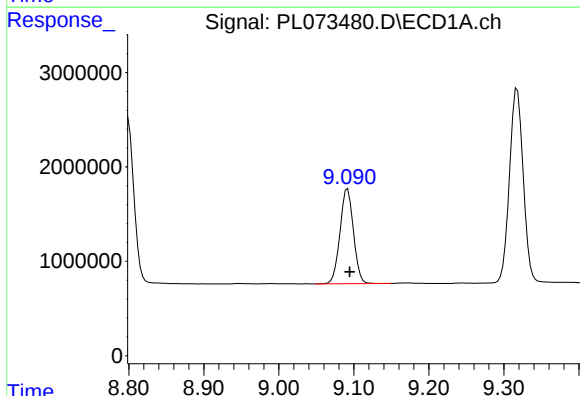
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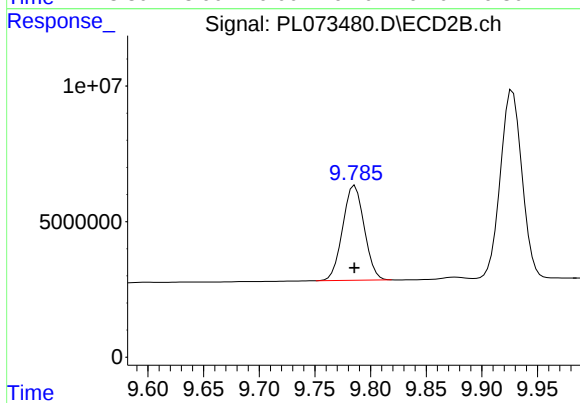
#19 Endosulfan Sulfate

R.T.: 9.439 min
Delta R.T.: 0.000 min
Response: 88429192
Conc: 56.11 ng/ml



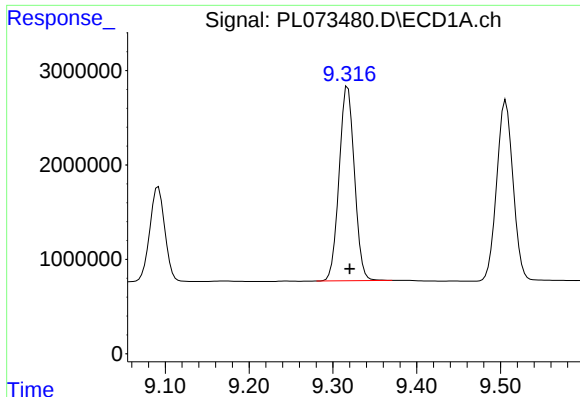
#20 Methoxychlor

R.T.: 9.092 min
Delta R.T.: -0.003 min
Response: 12548621
Conc: 48.92 ng/ml



#20 Methoxychlor

R.T.: 9.786 min
Delta R.T.: 0.000 min
Response: 47177404
Conc: 52.36 ng/ml



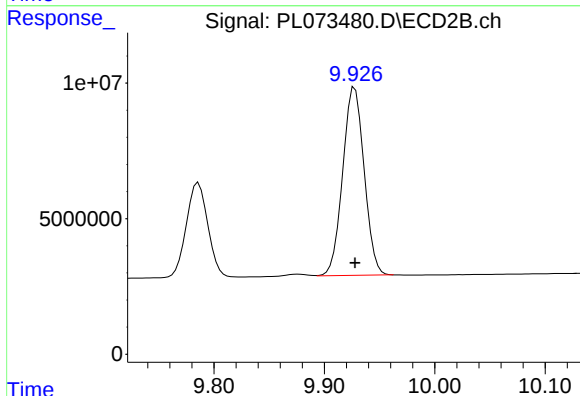
#21 Endrin ketone

R.T.: 9.318 min
Delta R.T.: -0.002 min
Response: 26176885
Conc: 53.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143454BS

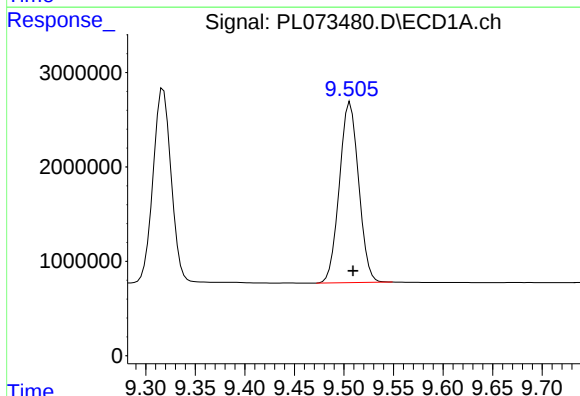
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/21/2022
Supervised By :mohammad ahmed 03/22/2022



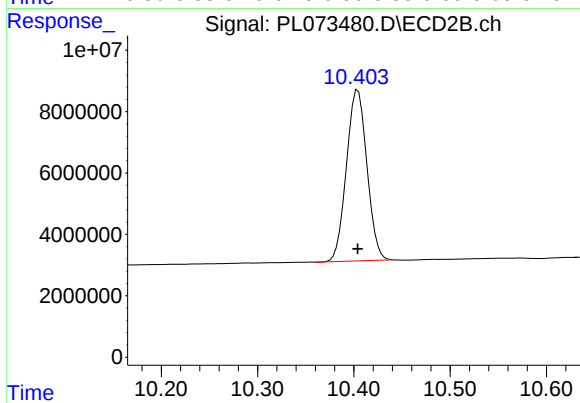
#21 Endrin ketone

R.T.: 9.928 min
Delta R.T.: 0.000 min
Response: 93748003
Conc: 56.80 ng/ml



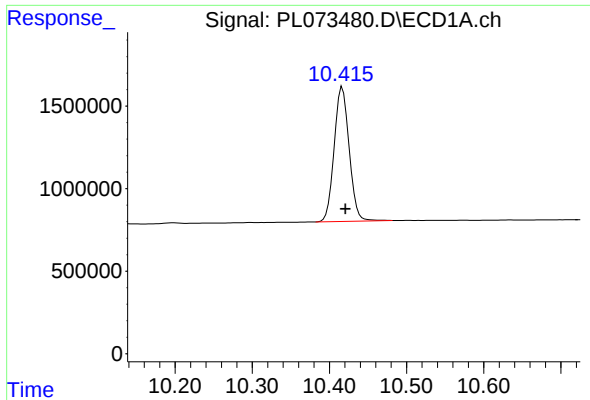
#22 Mirex

R.T.: 9.506 min
Delta R.T.: -0.003 min
Response: 25844716
Conc: 54.81 ng/ml



#22 Mirex

R.T.: 10.404 min
Delta R.T.: 0.000 min
Response: 82082763
Conc: 60.42 ng/ml



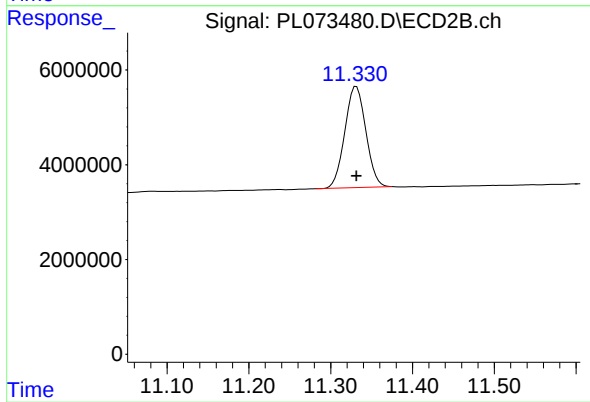
#28 Decachlorobiphenyl

R.T.: 10.417 min
Delta R.T.: -0.004 min
Response: 11038926
Conc: 21.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143454BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/21/2022
Supervised By :mohammad ahmed 03/22/2022



#28 Decachlorobiphenyl

R.T.: 11.331 min
Delta R.T.: 0.000 min
Response: 38125419
Conc: 21.32 ng/ml