

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022822\
 Data File : PL073019.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Feb 2022 10:19
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/01/2022
 Supervised By : Ankita Jodhani 03/01/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 01 02:19:28 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022622.M
 Quant Title : GC Extractables
 QLast Update : Mon Feb 28 02:28:04 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...	4.656	5.487	15989734	75357478	49.897	51.928
2)	SA Decachlor...	10.430	11.327	23301967	78940936	49.783m	50.041
Target Compounds							
2)	A alpha-BHC	5.364	6.050	21433094	105.2E6	50.861	53.318
3)	MA gamma-BHC...	5.788	6.440	21249443	97527214	48.055	52.162
4)	MA Heptachlor	6.200	7.099	21609826	98839865	47.080	49.445
5)	MB Aldrin	6.526	7.468	22142785	96331844	49.928	52.637
6)	B beta-BHC	6.167	6.676	10545464	43137865	47.352	47.836
7)	B delta-BHC	6.429	6.944	21704845	97692876	49.703	51.620
8)	B Heptachlo...	7.102	7.924	22085316	87582009	47.404	49.756
9)	A Endosulfan I	7.505	8.324	20792614	79912854	46.878	49.332
10)	B gamma-Chl...	7.380	8.191	22770407	89605169	47.949	50.179
11)	B alpha-Chl...	7.449	8.274	22858542	88129530	47.760	50.058
12)	B 4,4'-DDE	7.664	8.459	18882163	79049500	48.579	50.558
13)	MA Dieldrin	7.790	8.609	22437312	83828899	50.071m	51.903
14)	MA Endrin	8.082	8.844	19262523	64746237	48.511	48.911
15)	B Endosulfa...	8.393	9.065	21607242	73222506	49.817	52.911m
16)	A 4,4'-DDD	8.249	8.986	16950629	64420386	48.670	48.442
17)	MA 4,4'-DDT	8.510	9.304	19127305	68902333	50.263	50.232
18)	B Endrin al...	8.581	9.200	14407242	50310249	44.877	46.233
19)	B Endosulfa...	8.813	9.437	21240496	71014005	48.320	50.087
20)	A Methoxychlor	9.106	9.783	12184596	39720034	48.784	50.735
21)	B Endrin ke...	9.331	9.925	25419394	77224768	51.273	52.670
22)	Mirex	9.521	10.401	23021341	62332013	40.802	42.444

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

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ECD_L

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PSTDCCC050

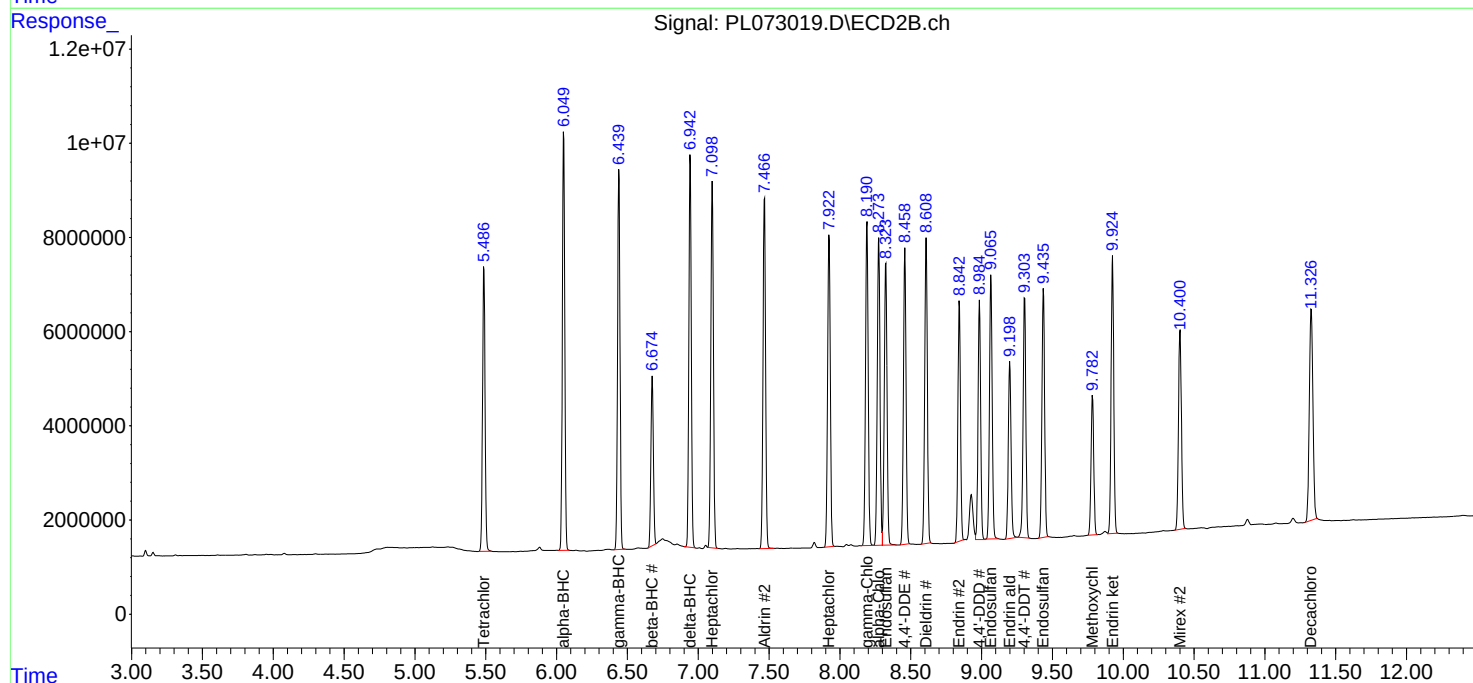
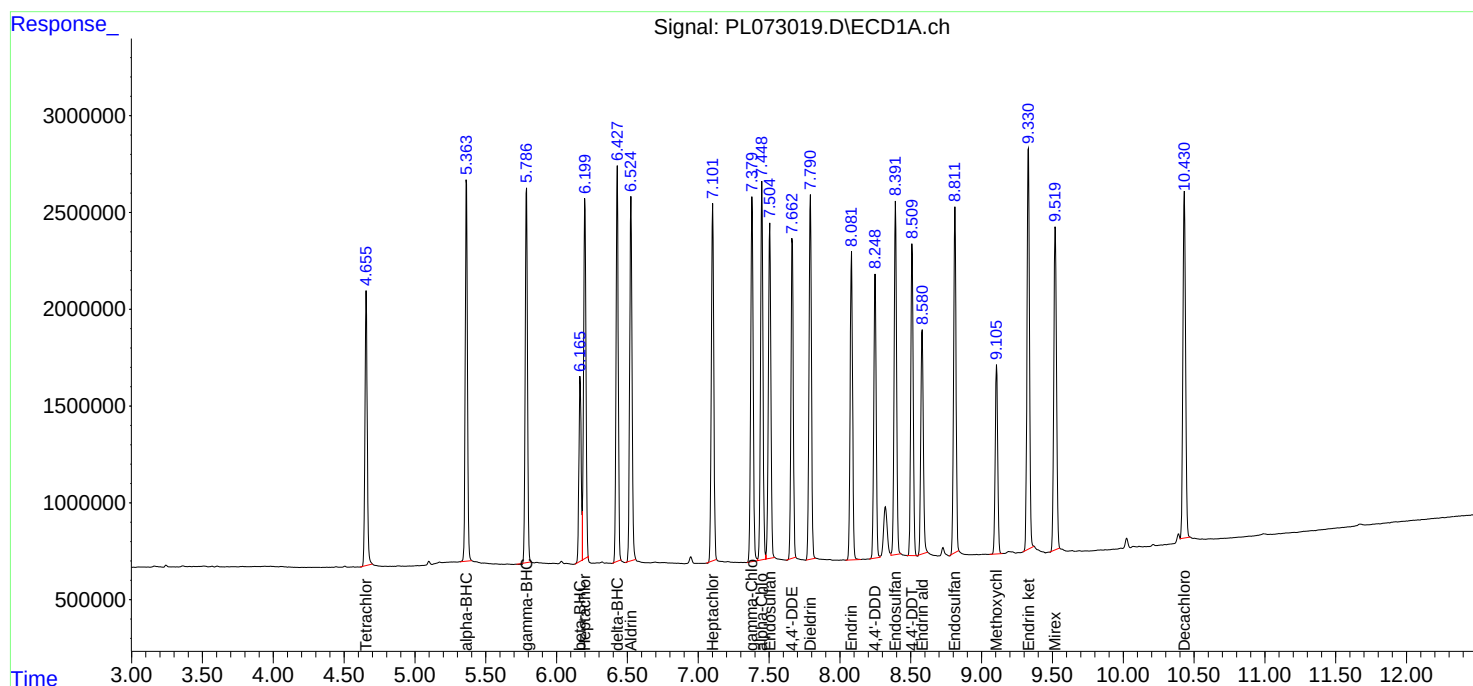
Manual Integrations

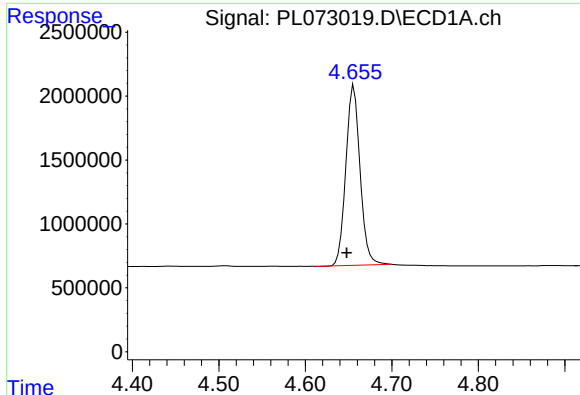
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Reviewed By :Abdul Mirza 03/01/2022
 Supervised By :Ankita Jodhani 03/01/2022

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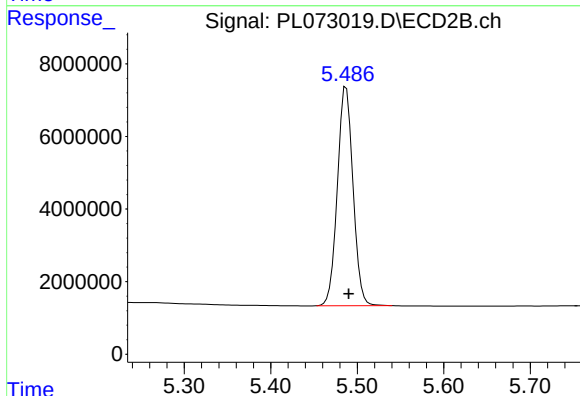
#1 Tetrachloro-m-xylene

R.T.: 4.656 min
Delta R.T.: 0.008 min
Response: 15989734
Conc: 49.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

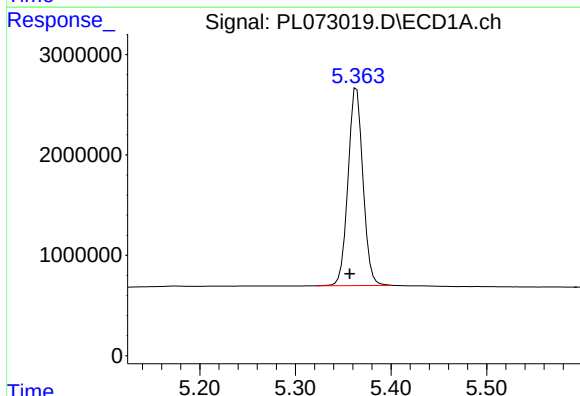
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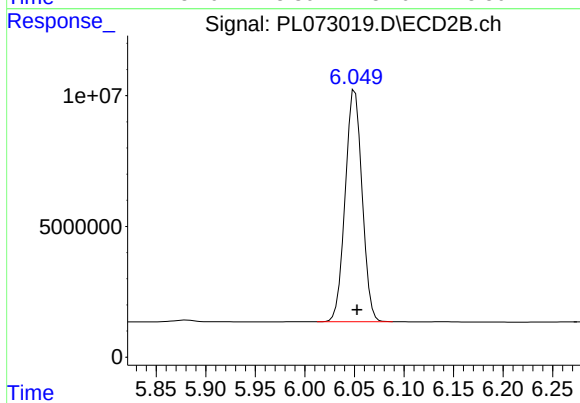
#1 Tetrachloro-m-xylene

R.T.: 5.487 min
Delta R.T.: -0.003 min
Response: 75357478
Conc: 51.93 ng/ml



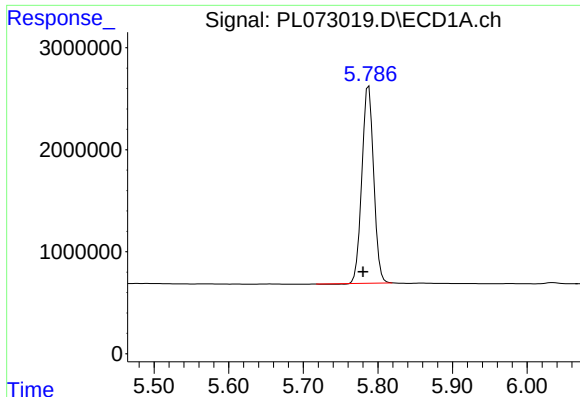
#2 alpha-BHC

R.T.: 5.364 min
Delta R.T.: 0.007 min
Response: 21433094
Conc: 50.86 ng/ml



#2 alpha-BHC

R.T.: 6.050 min
Delta R.T.: -0.002 min
Response: 105159304
Conc: 53.32 ng/ml



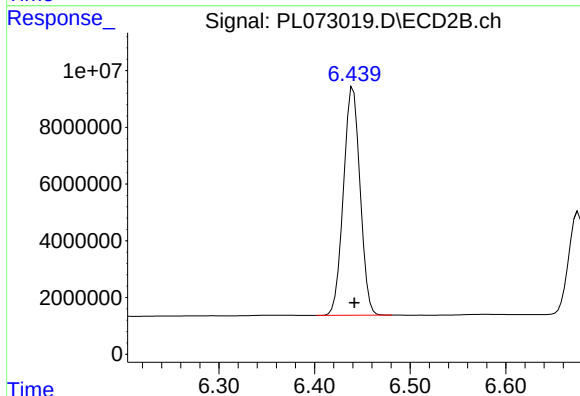
#3 gamma-BHC (Lindane)

R.T.: 5.788 min
Delta R.T.: 0.008 min
Response: 21249443
Conc: 48.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

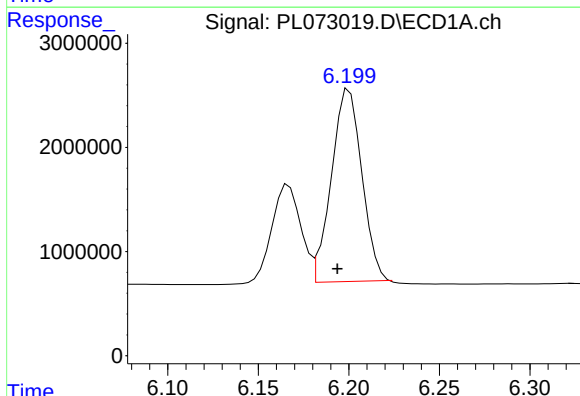
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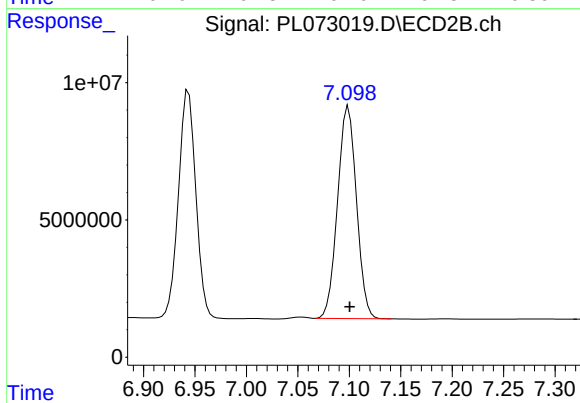
#3 gamma-BHC (Lindane)

R.T.: 6.440 min
Delta R.T.: -0.001 min
Response: 97527214
Conc: 52.16 ng/ml



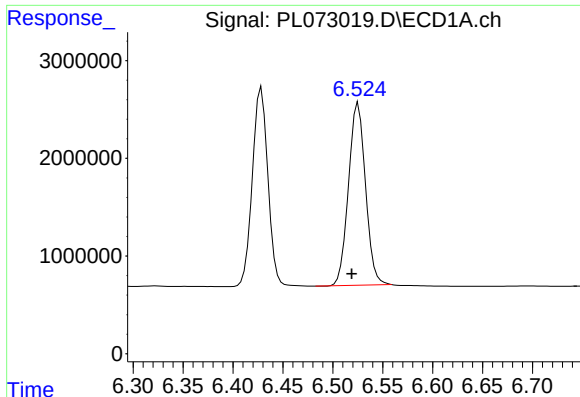
#4 Heptachlor

R.T.: 6.200 min
Delta R.T.: 0.007 min
Response: 21609826
Conc: 47.08 ng/ml



#4 Heptachlor

R.T.: 7.099 min
Delta R.T.: -0.001 min
Response: 98839865
Conc: 49.45 ng/ml



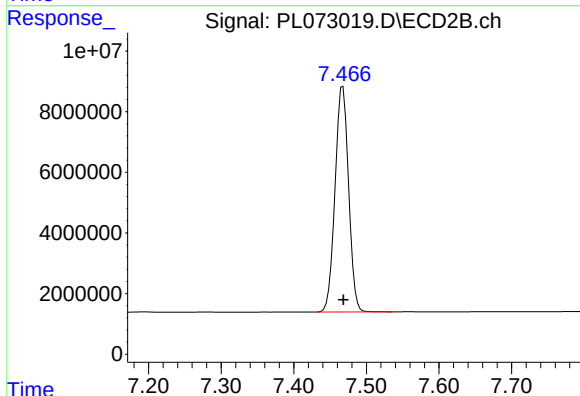
#5 Aldrin

R.T.: 6.526 min
Delta R.T.: 0.007 min
Response: 22142785
Conc: 49.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

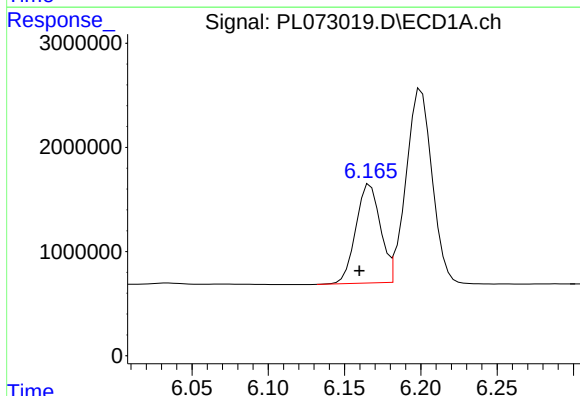
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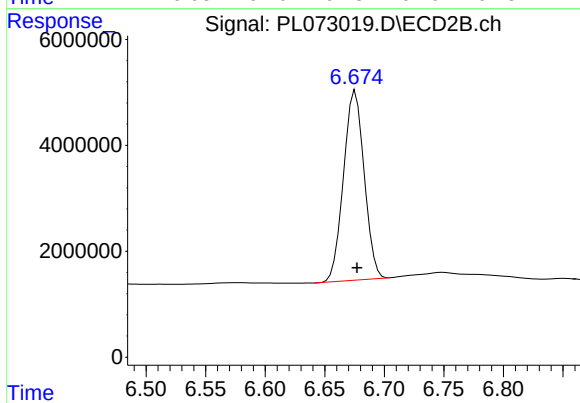
#5 Aldrin

R.T.: 7.468 min
Delta R.T.: 0.000 min
Response: 96331844
Conc: 52.64 ng/ml



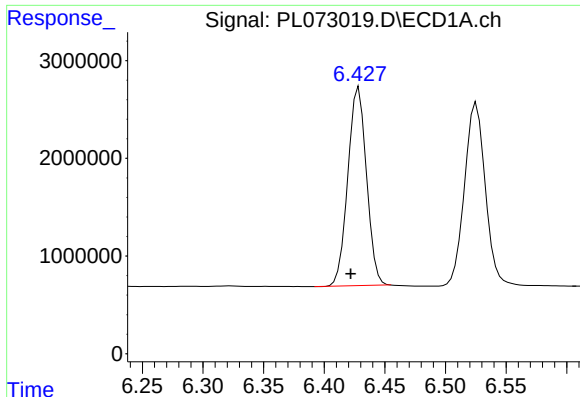
#6 beta-BHC

R.T.: 6.167 min
Delta R.T.: 0.007 min
Response: 10545464
Conc: 47.35 ng/ml



#6 beta-BHC

R.T.: 6.676 min
Delta R.T.: -0.001 min
Response: 43137865
Conc: 47.84 ng/ml



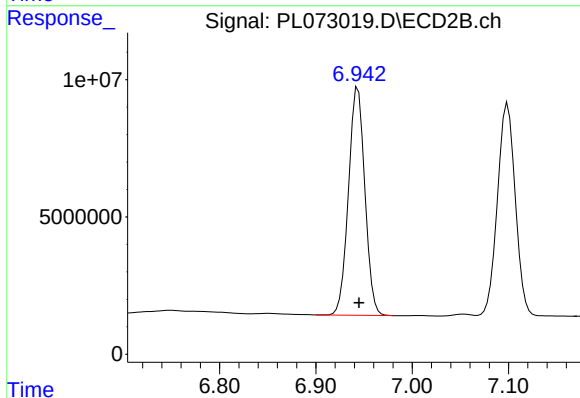
#7 delta-BHC

R.T.: 6.429 min
Delta R.T.: 0.007 min
Response: 21704845
Conc: 49.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

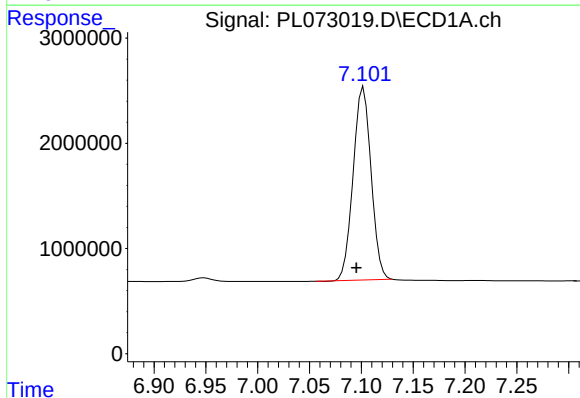
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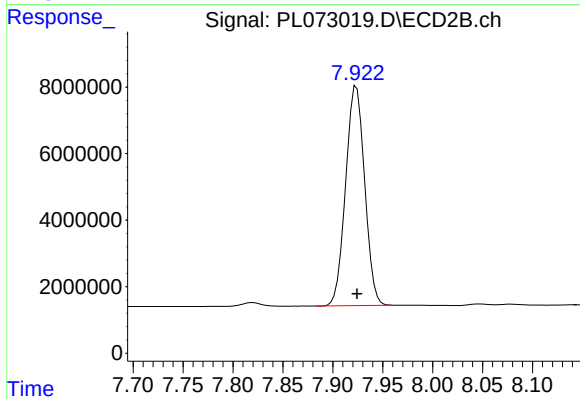
#7 delta-BHC

R.T.: 6.944 min
Delta R.T.: -0.001 min
Response: 97692876
Conc: 51.62 ng/ml



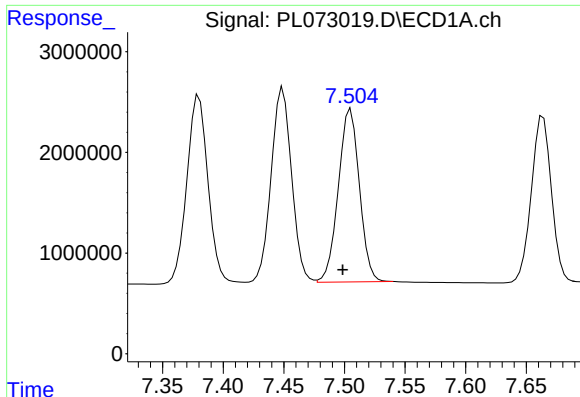
#8 Heptachlor epoxide

R.T.: 7.102 min
Delta R.T.: 0.007 min
Response: 22085316
Conc: 47.40 ng/ml



#8 Heptachlor epoxide

R.T.: 7.924 min
Delta R.T.: 0.000 min
Response: 87582009
Conc: 49.76 ng/ml



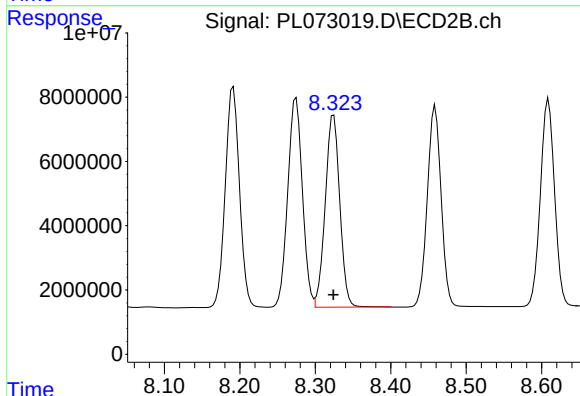
#9 Endosulfan I

R.T.: 7.505 min
Delta R.T.: 0.006 min
Response: 20792614
Conc: 46.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

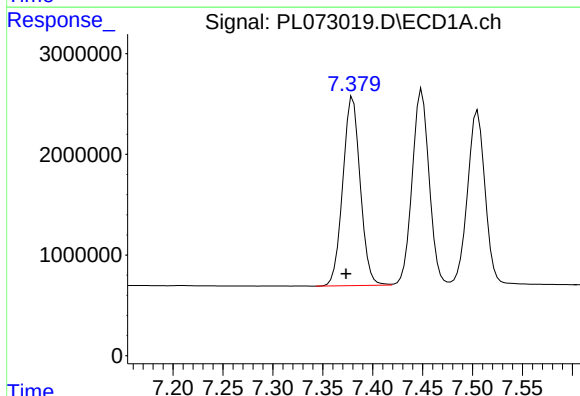
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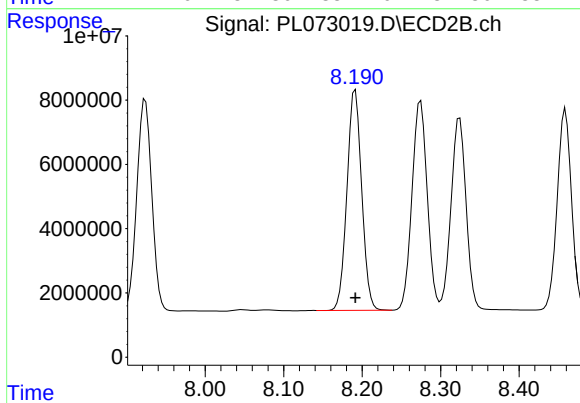
#9 Endosulfan I

R.T.: 8.324 min
Delta R.T.: 0.000 min
Response: 79912854
Conc: 49.33 ng/ml



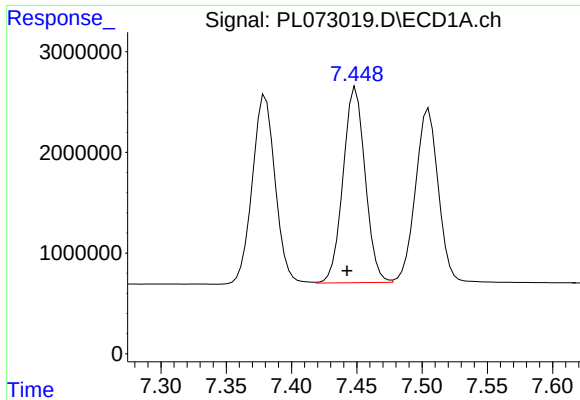
#10 gamma-Chlordane

R.T.: 7.380 min
Delta R.T.: 0.007 min
Response: 22770407
Conc: 47.95 ng/ml



#10 gamma-Chlordane

R.T.: 8.191 min
Delta R.T.: 0.000 min
Response: 89605169
Conc: 50.18 ng/ml



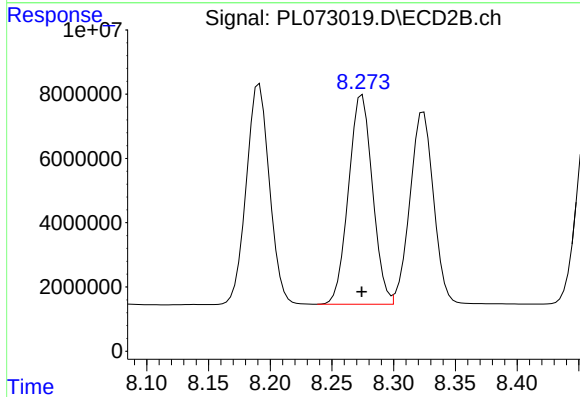
#11 alpha-Chlordane

R.T.: 7.449 min
Delta R.T.: 0.006 min
Response: 22858542
Conc: 47.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

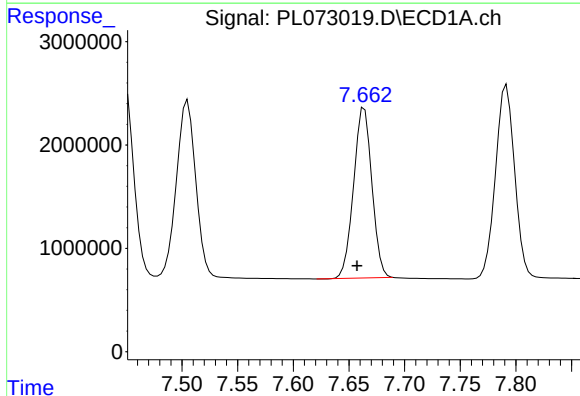
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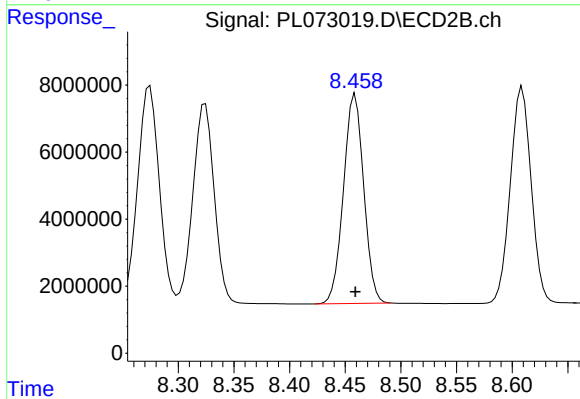
#11 alpha-Chlordane

R.T.: 8.274 min
Delta R.T.: 0.000 min
Response: 88129530
Conc: 50.06 ng/ml



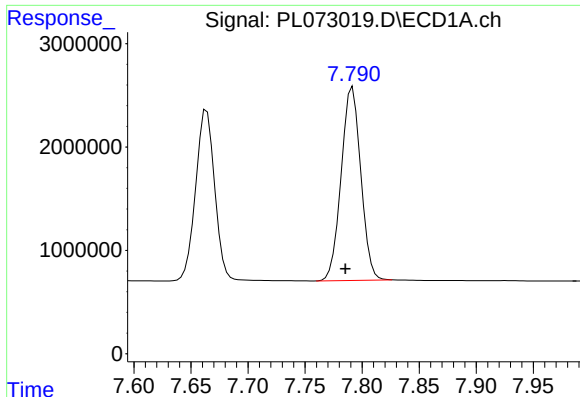
#12 4,4'-DDE

R.T.: 7.664 min
Delta R.T.: 0.007 min
Response: 18882163
Conc: 48.58 ng/ml



#12 4,4'-DDE

R.T.: 8.459 min
Delta R.T.: 0.000 min
Response: 79049500
Conc: 50.56 ng/ml



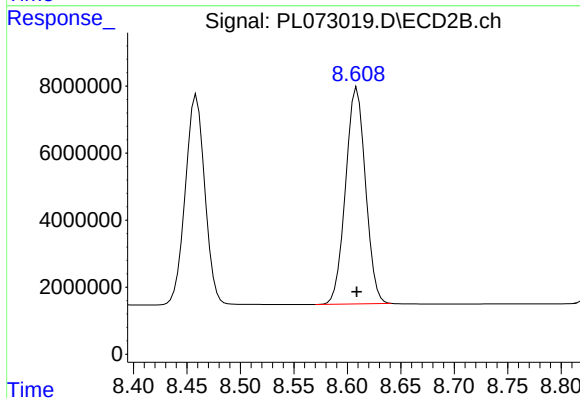
#13 Dieldrin

R.T.: 7.790 min
Delta R.T.: 0.005 min
Response: 22437312
Conc: 50.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

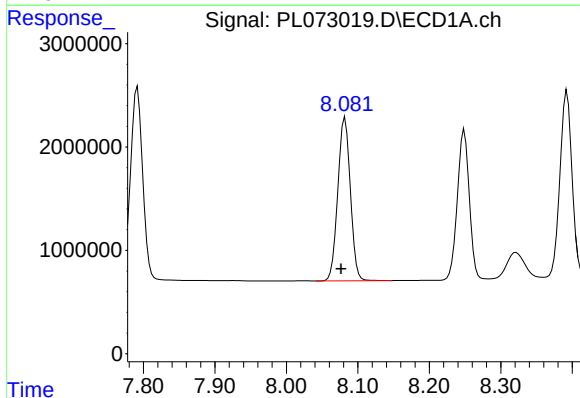
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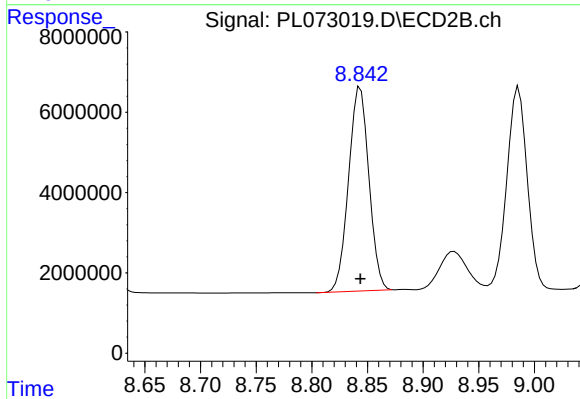
#13 Dieldrin

R.T.: 8.609 min
Delta R.T.: 0.000 min
Response: 83828899
Conc: 51.90 ng/ml



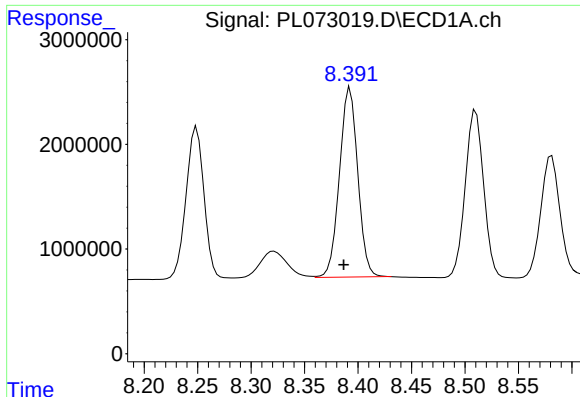
#14 Endrin

R.T.: 8.082 min
Delta R.T.: 0.006 min
Response: 19262523
Conc: 48.51 ng/ml



#14 Endrin

R.T.: 8.844 min
Delta R.T.: 0.000 min
Response: 64746237
Conc: 48.91 ng/ml



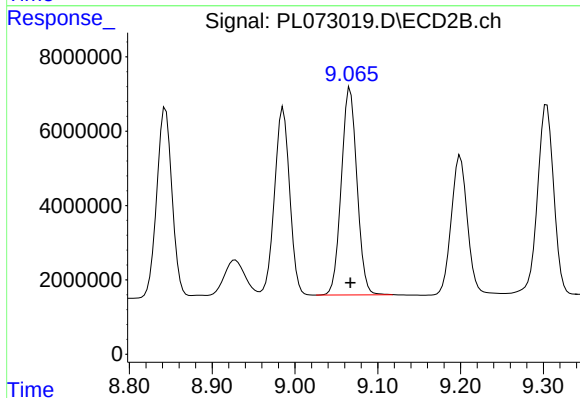
#15 Endosulfan II

R.T.: 8.393 min
Delta R.T.: 0.006 min
Response: 21607242
Conc: 49.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

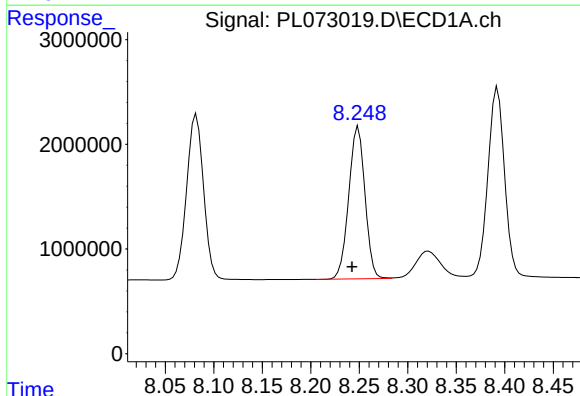
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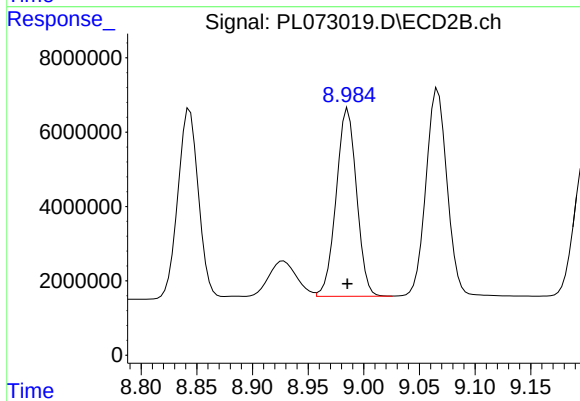
#15 Endosulfan II

R.T.: 9.065 min
Delta R.T.: -0.002 min
Response: 73222506
Conc: 52.91 ng/ml m



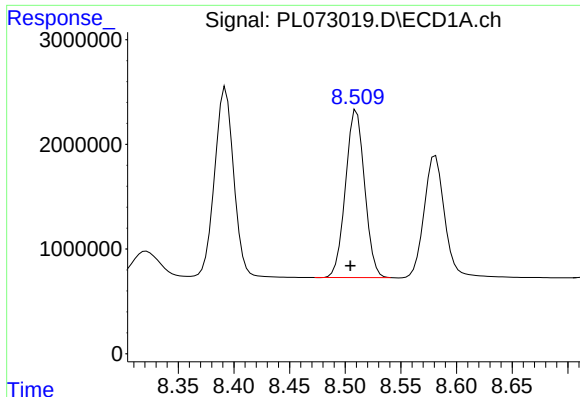
#16 4,4'-DDD

R.T.: 8.249 min
Delta R.T.: 0.006 min
Response: 16950629
Conc: 48.67 ng/ml



#16 4,4'-DDD

R.T.: 8.986 min
Delta R.T.: 0.000 min
Response: 64420386
Conc: 48.44 ng/ml



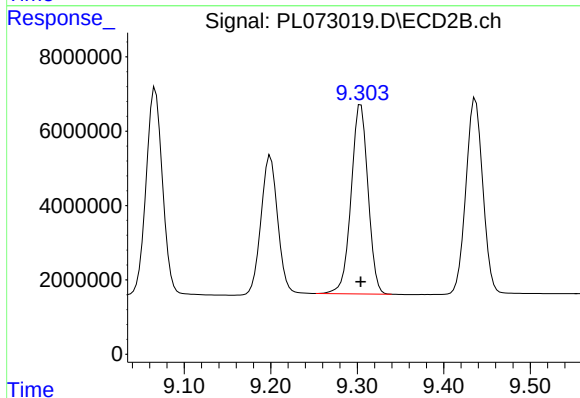
#17 4,4'-DDT

R.T.: 8.510 min
Delta R.T.: 0.005 min
Response: 19127305
Conc: 50.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

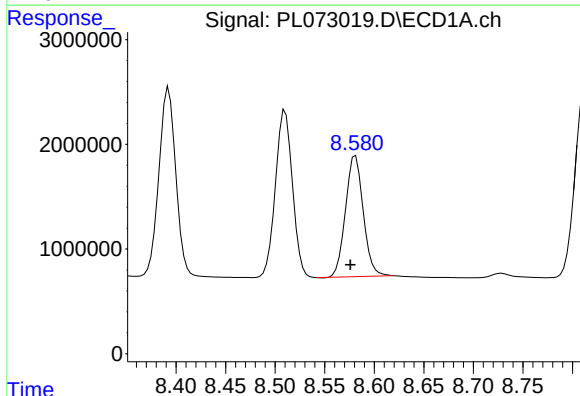
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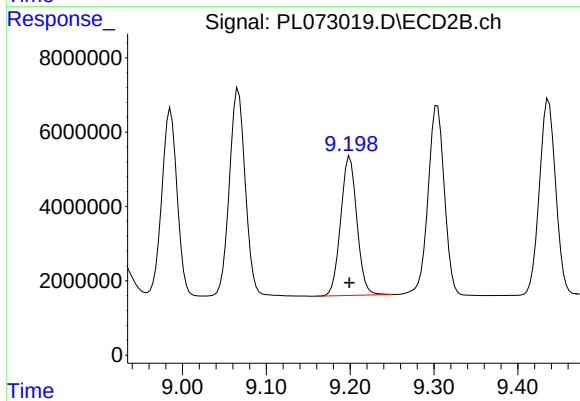
#17 4,4'-DDT

R.T.: 9.304 min
Delta R.T.: 0.000 min
Response: 68902333
Conc: 50.23 ng/ml



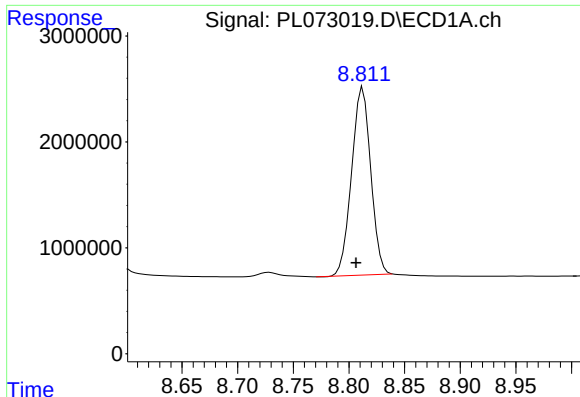
#18 Endrin aldehyde

R.T.: 8.581 min
Delta R.T.: 0.005 min
Response: 14407242
Conc: 44.88 ng/ml



#18 Endrin aldehyde

R.T.: 9.200 min
Delta R.T.: 0.000 min
Response: 50310249
Conc: 46.23 ng/ml



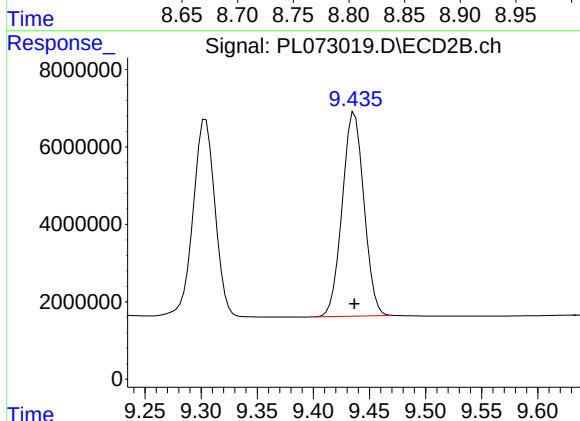
#19 Endosulfan Sulfate

R.T.: 8.813 min
Delta R.T.: 0.006 min
Response: 21240496
Conc: 48.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

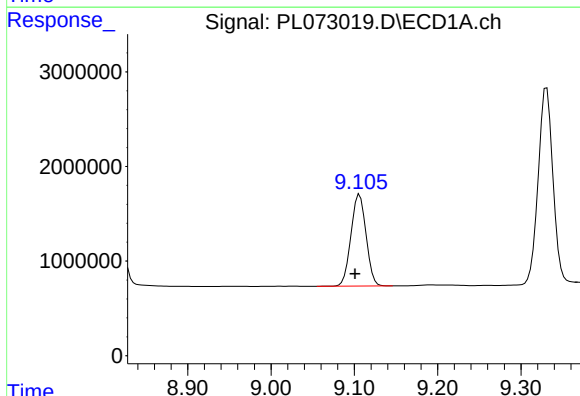
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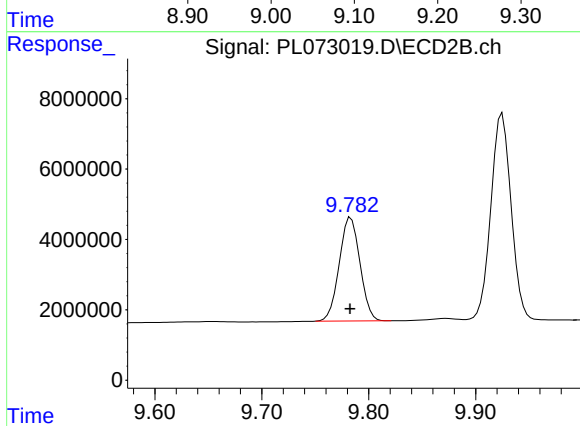
#19 Endosulfan Sulfate

R.T.: 9.437 min
Delta R.T.: 0.000 min
Response: 71014005
Conc: 50.09 ng/ml



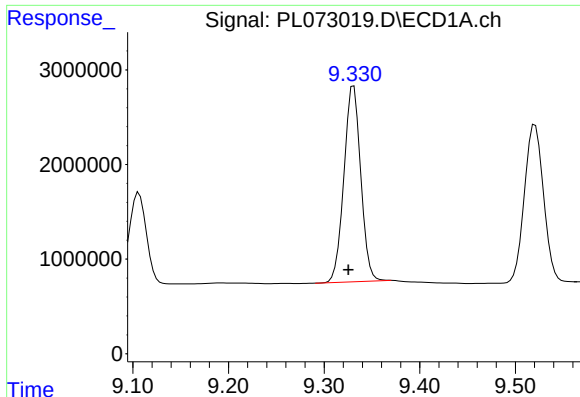
#20 Methoxychlor

R.T.: 9.106 min
Delta R.T.: 0.005 min
Response: 12184596
Conc: 48.78 ng/ml



#20 Methoxychlor

R.T.: 9.783 min
Delta R.T.: 0.000 min
Response: 39720034
Conc: 50.73 ng/ml



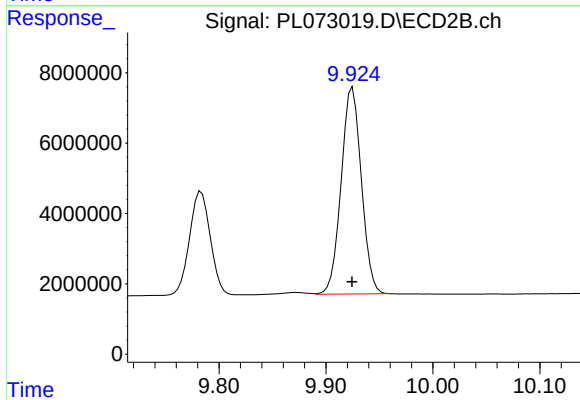
#21 Endrin ketone

R.T.: 9.331 min
Delta R.T.: 0.006 min
Response: 25419394
Conc: 51.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

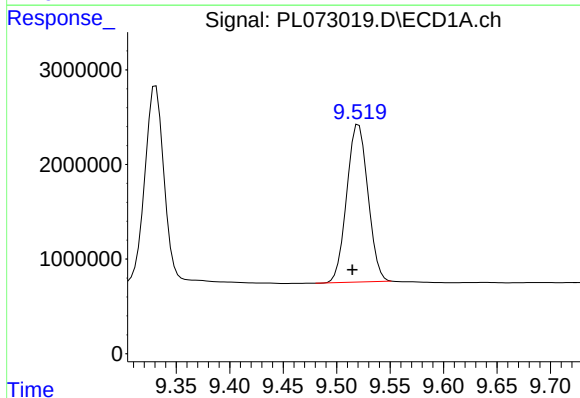
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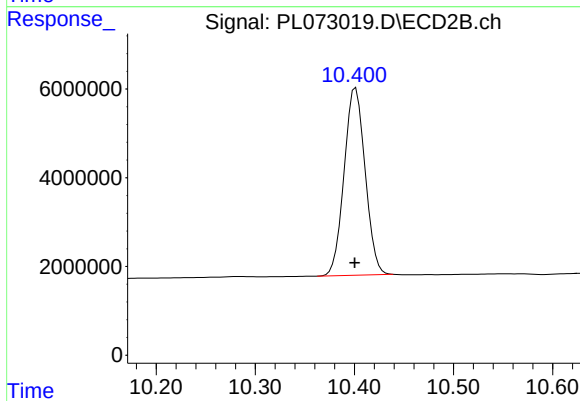
#21 Endrin ketone

R.T.: 9.925 min
Delta R.T.: 0.000 min
Response: 77224768
Conc: 52.67 ng/ml



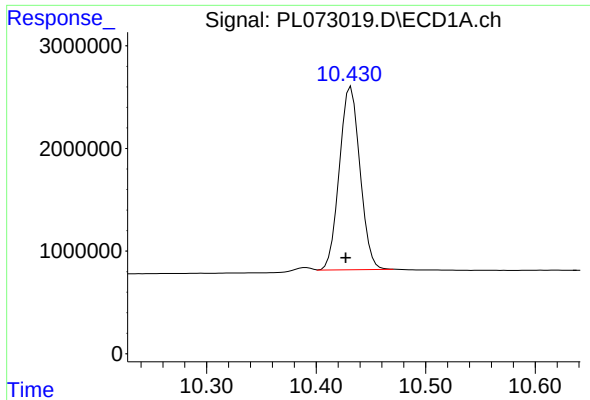
#22 Mirex

R.T.: 9.521 min
Delta R.T.: 0.006 min
Response: 23021341
Conc: 40.80 ng/ml



#22 Mirex

R.T.: 10.401 min
Delta R.T.: 0.000 min
Response: 62332013
Conc: 42.44 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.430 min
Delta R.T.: 0.003 min
Response: 23301967
Conc: 49.78 ng/ml

Instrument :

ECD_L

ClientSampleId :

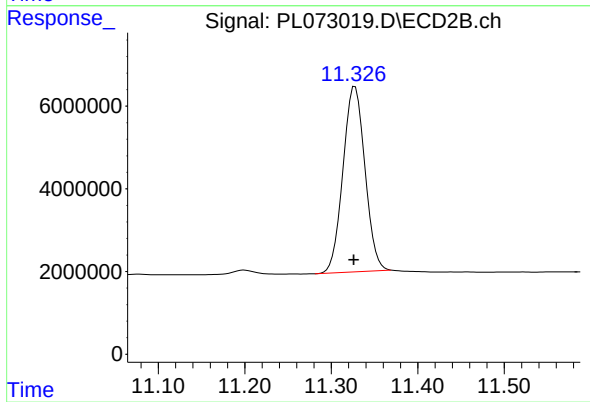
PSTDCCC050

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 03/01/2022

Supervised By :Ankita Jodhani 03/01/2022



#28 Decachlorobiphenyl

R.T.: 11.327 min
Delta R.T.: 0.001 min
Response: 78940936
Conc: 50.04 ng/ml