

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030222\
 Data File : PL073088.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Mar 2022 16:07
 Operator : AR\AJ
 Sample : PB143031BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB143031BS

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 03 00:40:00 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...	4.646	5.490	6296128	29755794	19.647	20.504
28)	SA Decachlor...	10.426	11.329	10338337	34279270	22.087	21.730
Target Compounds							
2)	A alpha-BHC	5.355	6.054	20433933	103.7E6	48.490	52.594
3)	MA gamma-BHC...	5.779	6.443	20574475	98363490	46.528	52.609
4)	MA Heptachlor	6.192	7.101	21317860	102.7E6	46.443	51.363
5)	MB Aldrin	6.518	7.469	21353206	99658465	48.148	54.455
6)	B beta-BHC	6.159	6.678	9992511	44639180	44.869	49.501
7)	B delta-BHC	6.421	6.946	20633876	98609114	47.251	52.104
8)	B Heptachlo...	7.095	7.925	21523430	92785889	46.198	52.712
9)	A Endosulfan I	7.498	8.326	20272434	83178121	45.705	51.348
10)	B gamma-Chl...	7.373	8.193	21998306	93537749	46.323	52.381
11)	B alpha-Chl...	7.442	8.276	22108910	92137353	46.194	52.334
12)	B 4,4'-DDE	7.656	8.460	18585098	82202300	47.815	52.575
13)	MA Dieldrin	7.784	8.611	21277442	86690493	47.483	53.675
14)	MA Endrin	8.075	8.845	20677019	71395738	52.074	53.934
15)	B Endosulfa...	8.386	9.069	21129238	76828251	48.715	55.517
16)	A 4,4'-DDD	8.242	8.987	17065478	70288695	49.000	52.855
17)	MA 4,4'-DDT	8.504	9.306	17705367	66646267	46.526	48.588
18)	B Endrin al...	8.575	9.201	16858298	59584298	52.512	54.756
19)	B Endosulfa...	8.806	9.439	21310837	71709966	48.480	50.578
20)	A Methoxychlor	9.100	9.784	11984427	38161423	47.982	48.744
21)	B Endrin ke...	9.324	9.926	24454290	76619287	49.327m	52.257
22)	Mirex	9.514	10.403	24920129	70379714	44.167	47.924

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

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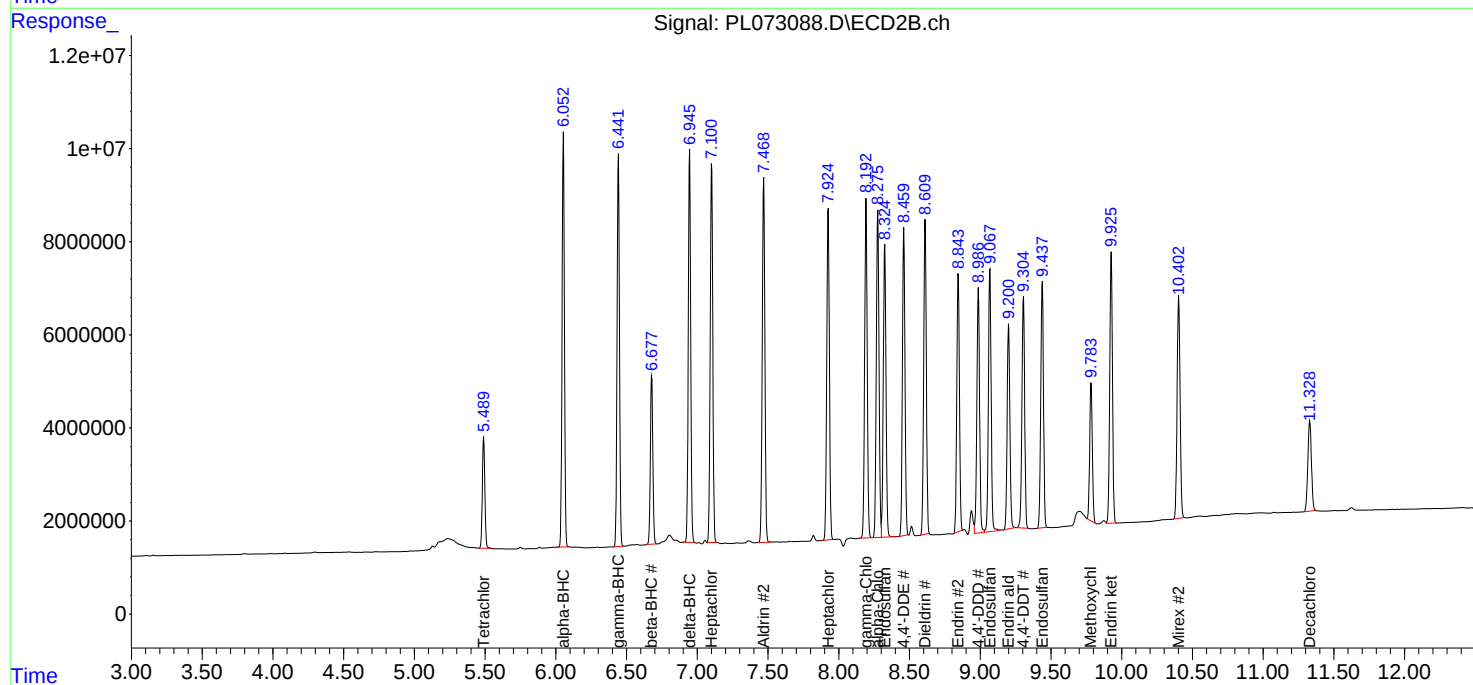
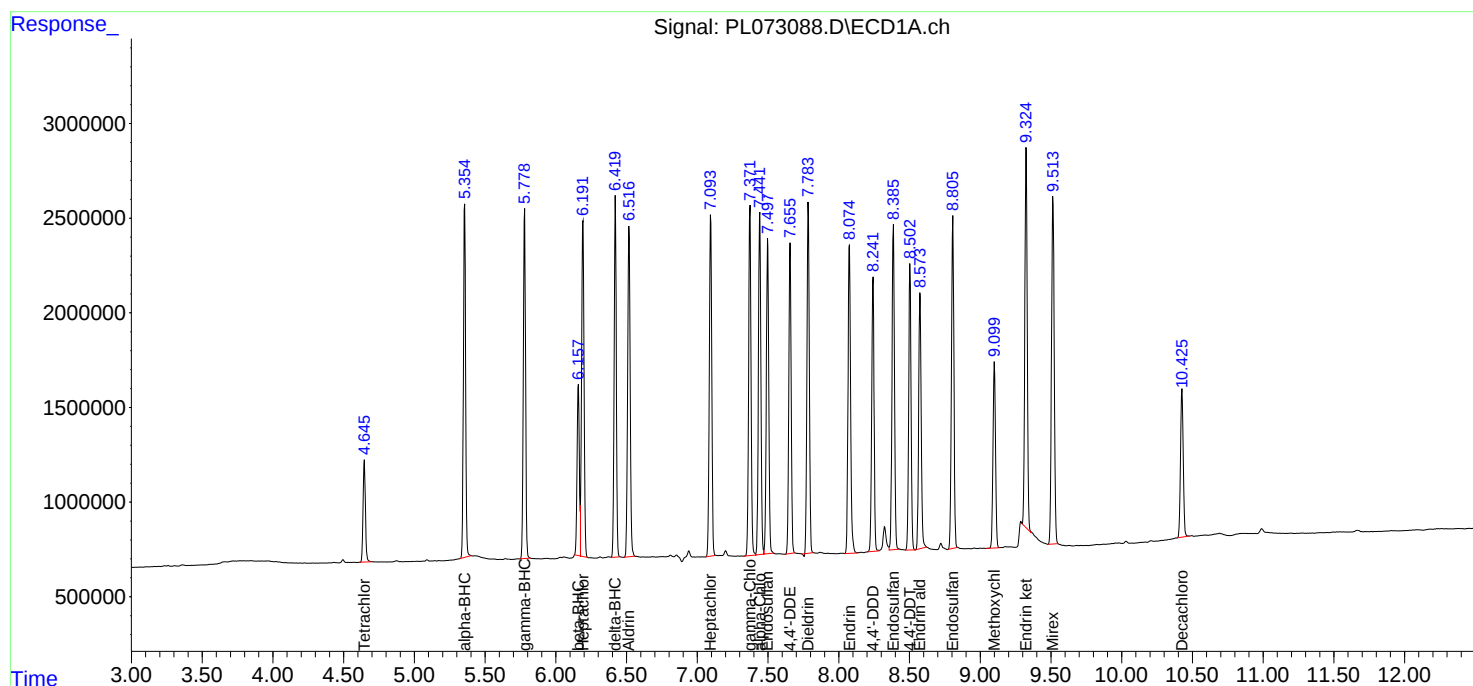
Manual Integrations

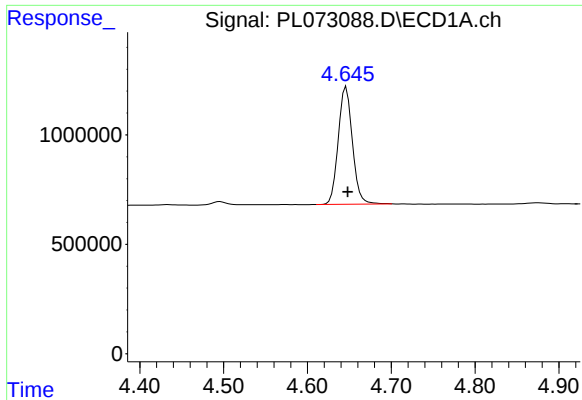
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 Supervised By :Ankita Jodhani 03/03/2022

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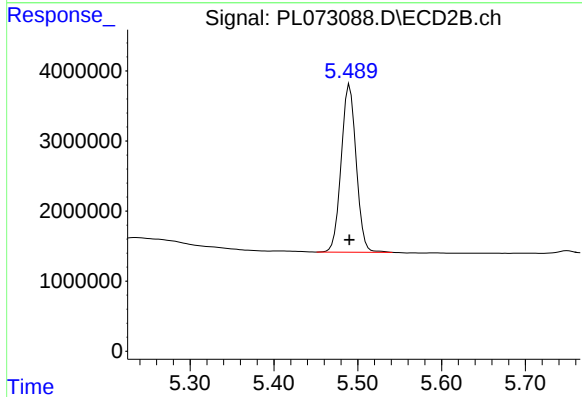
#1 Tetrachloro-m-xylene

R.T.: 4.646 min
Delta R.T.: -0.002 min
Response: 6296128
Conc: 19.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143031BS

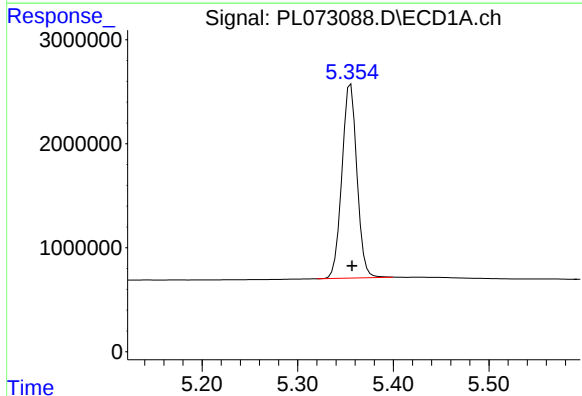
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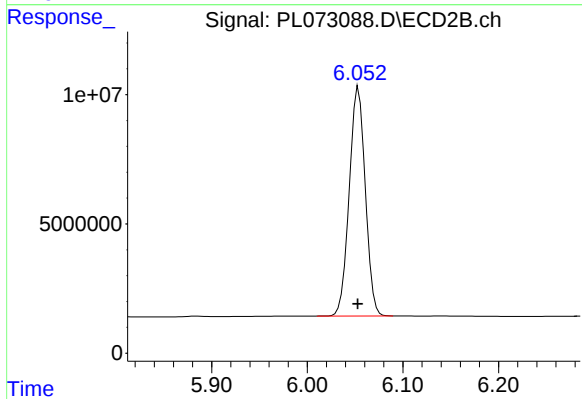
#1 Tetrachloro-m-xylene

R.T.: 5.490 min
Delta R.T.: 0.000 min
Response: 29755794
Conc: 20.50 ng/ml



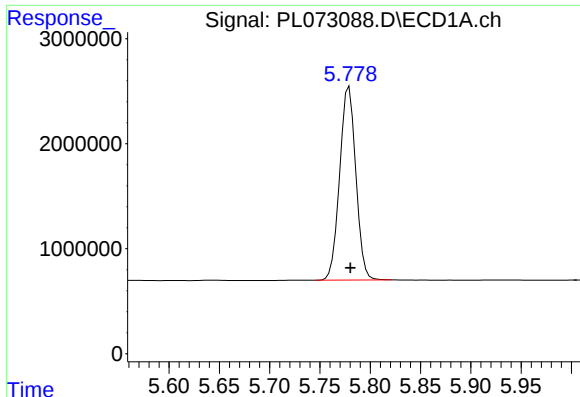
#2 alpha-BHC

R.T.: 5.355 min
Delta R.T.: -0.001 min
Response: 20433933
Conc: 48.49 ng/ml



#2 alpha-BHC

R.T.: 6.054 min
Delta R.T.: 0.001 min
Response: 103731232
Conc: 52.59 ng/ml



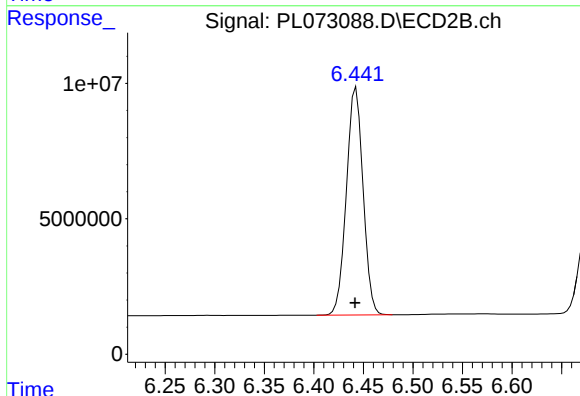
#3 gamma-BHC (Lindane)

R.T.: 5.779 min
Delta R.T.: -0.001 min
Response: 20574475
Conc: 46.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143031BS

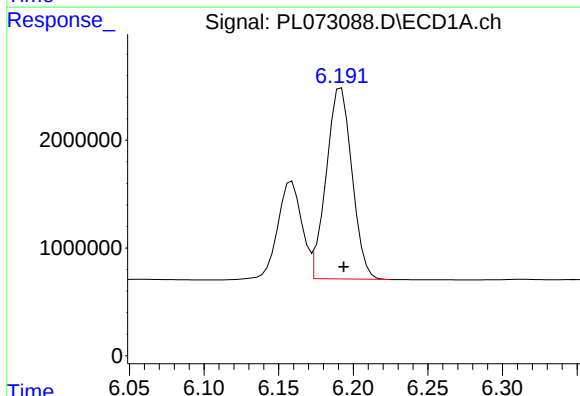
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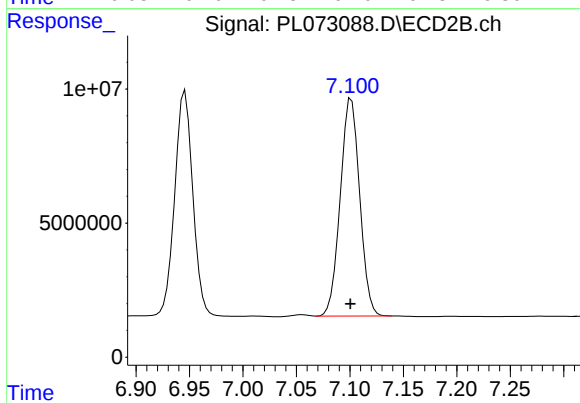
#3 gamma-BHC (Lindane)

R.T.: 6.443 min
Delta R.T.: 0.001 min
Response: 98363490
Conc: 52.61 ng/ml



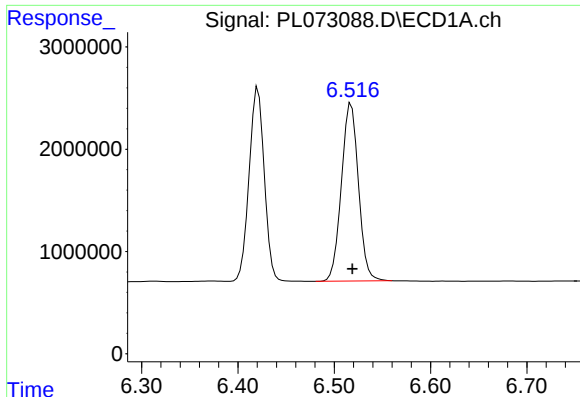
#4 Heptachlor

R.T.: 6.192 min
Delta R.T.: -0.002 min
Response: 21317860
Conc: 46.44 ng/ml



#4 Heptachlor

R.T.: 7.101 min
Delta R.T.: 0.001 min
Response: 102673335
Conc: 51.36 ng/ml



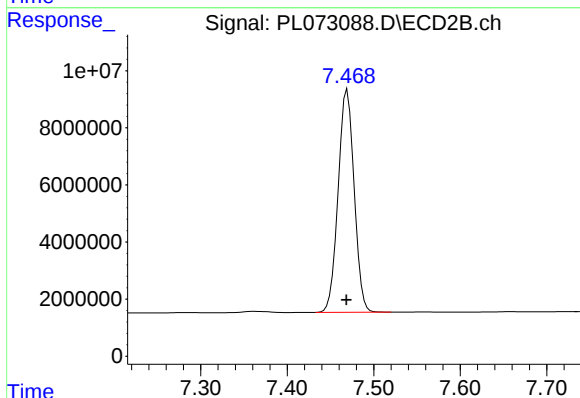
#5 Aldrin

R.T.: 6.518 min
Delta R.T.: -0.001 min
Response: 21353206
Conc: 48.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143031BS

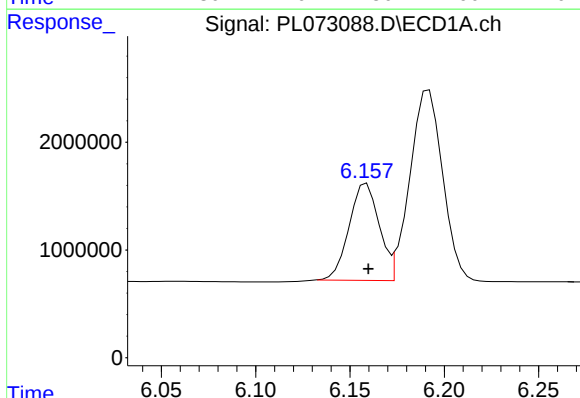
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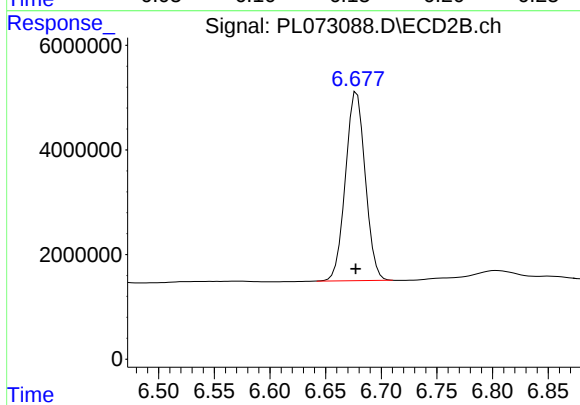
#5 Aldrin

R.T.: 7.469 min
Delta R.T.: 0.001 min
Response: 99658465
Conc: 54.46 ng/ml



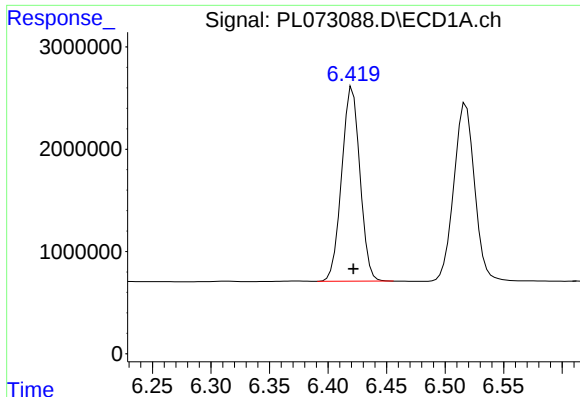
#6 beta-BHC

R.T.: 6.159 min
Delta R.T.: 0.000 min
Response: 9992511
Conc: 44.87 ng/ml



#6 beta-BHC

R.T.: 6.678 min
Delta R.T.: 0.000 min
Response: 44639180
Conc: 49.50 ng/ml



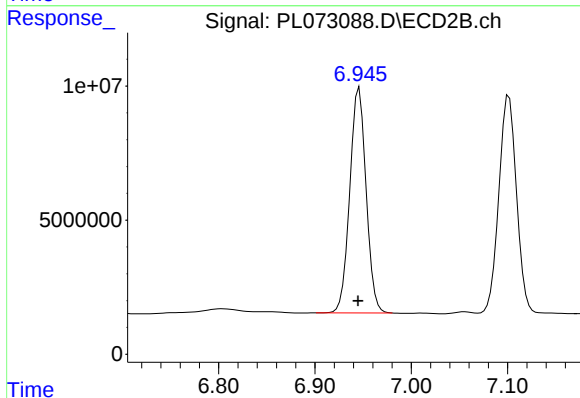
#7 delta-BHC

R.T.: 6.421 min
Delta R.T.: -0.001 min
Response: 20633876
Conc: 47.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143031BS

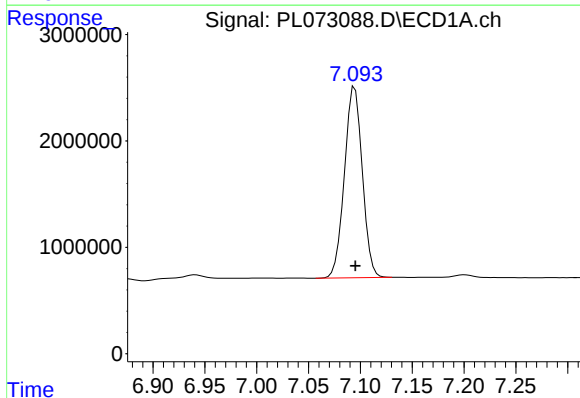
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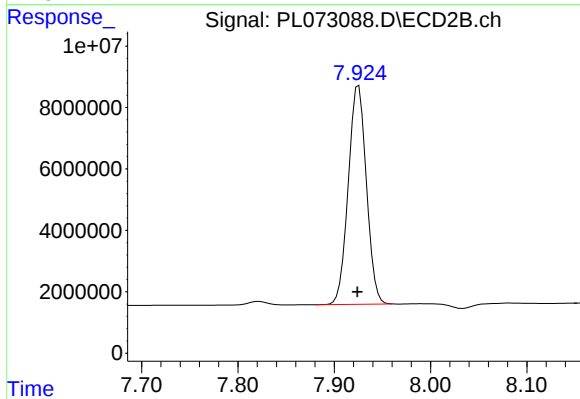
#7 delta-BHC

R.T.: 6.946 min
Delta R.T.: 0.000 min
Response: 98609114
Conc: 52.10 ng/ml



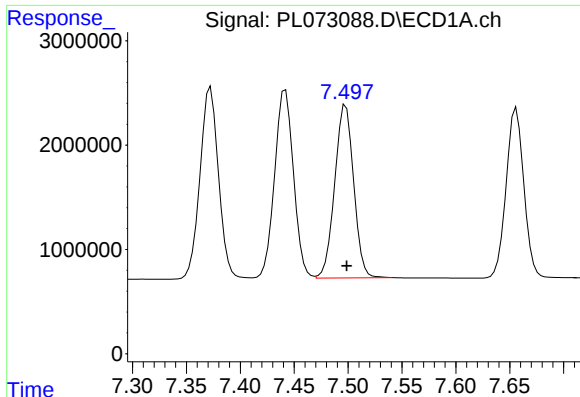
#8 Heptachlor epoxide

R.T.: 7.095 min
Delta R.T.: 0.000 min
Response: 21523430
Conc: 46.20 ng/ml



#8 Heptachlor epoxide

R.T.: 7.925 min
Delta R.T.: 0.001 min
Response: 92785889
Conc: 52.71 ng/ml



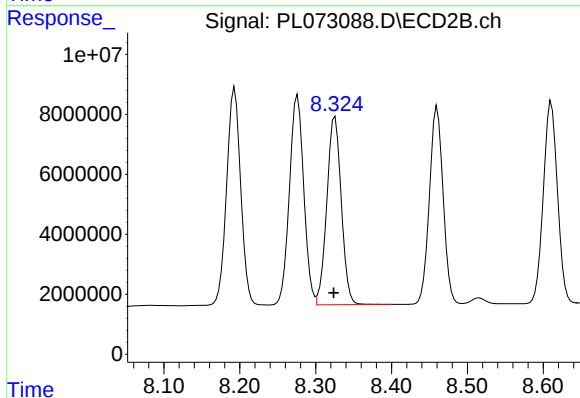
#9 Endosulfan I

R.T.: 7.498 min
Delta R.T.: 0.000 min
Response: 20272434
Conc: 45.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143031BS

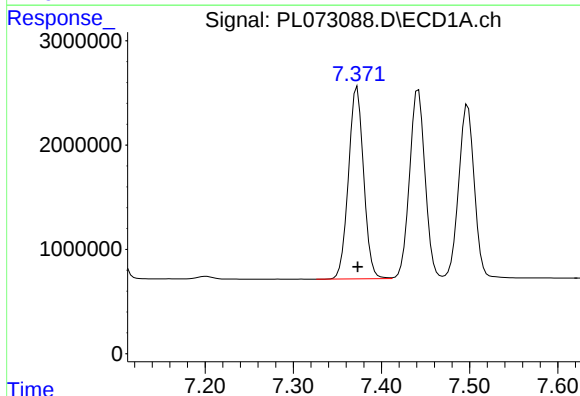
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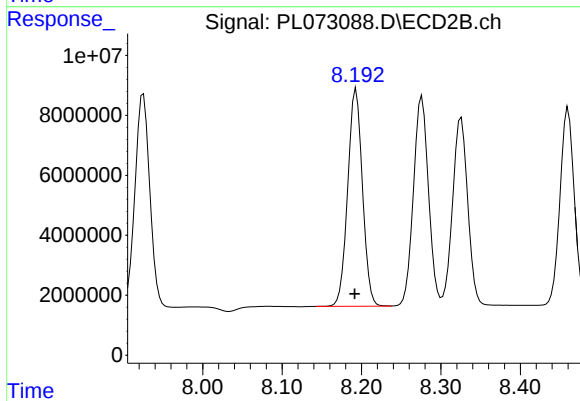
#9 Endosulfan I

R.T.: 8.326 min
Delta R.T.: 0.002 min
Response: 83178121
Conc: 51.35 ng/ml



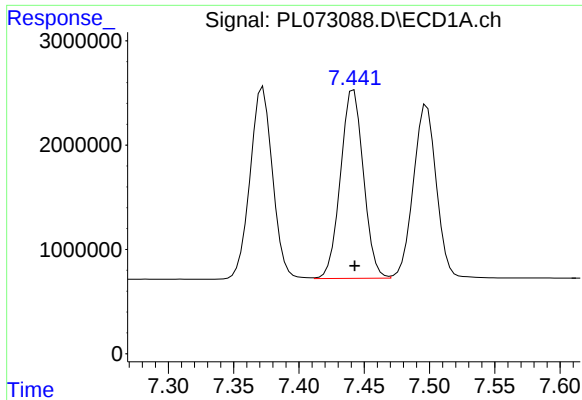
#10 gamma-Chlordane

R.T.: 7.373 min
Delta R.T.: 0.000 min
Response: 21998306
Conc: 46.32 ng/ml



#10 gamma-Chlordane

R.T.: 8.193 min
Delta R.T.: 0.002 min
Response: 93537749
Conc: 52.38 ng/ml



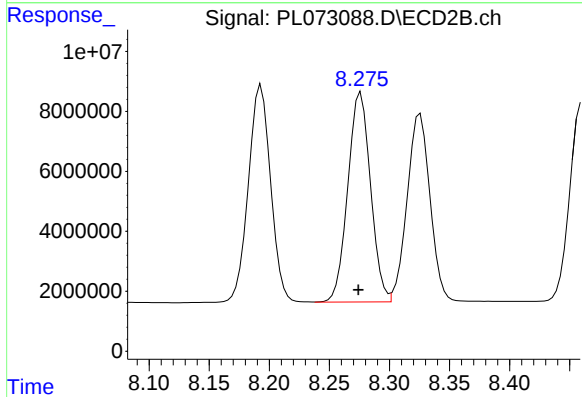
#11 alpha-Chlordane

R.T.: 7.442 min
Delta R.T.: 0.000 min
Response: 22108910
Conc: 46.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143031BS

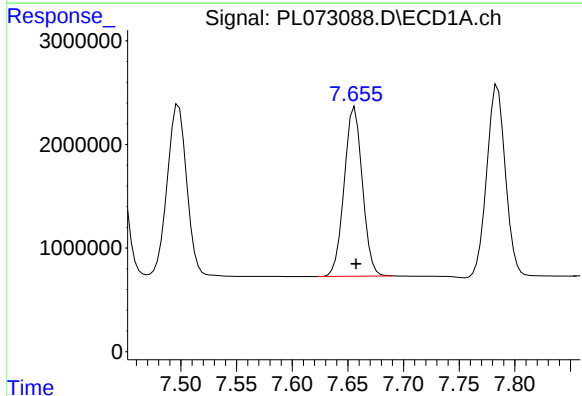
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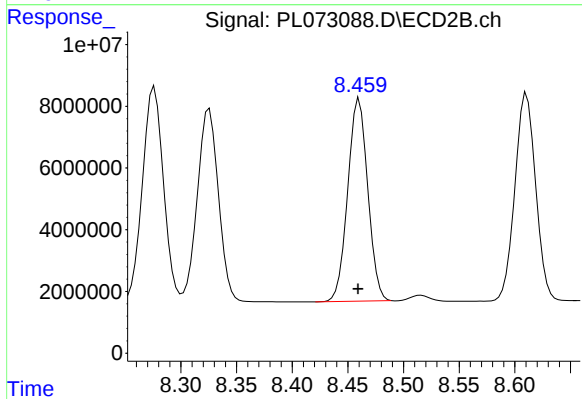
#11 alpha-Chlordane

R.T.: 8.276 min
Delta R.T.: 0.002 min
Response: 92137353
Conc: 52.33 ng/ml



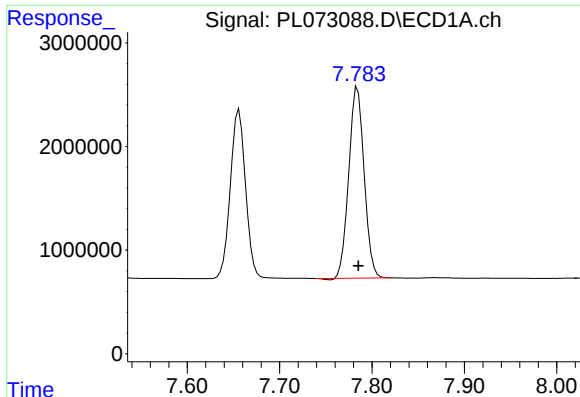
#12 4,4'-DDE

R.T.: 7.656 min
Delta R.T.: -0.001 min
Response: 18585098
Conc: 47.81 ng/ml



#12 4,4'-DDE

R.T.: 8.460 min
Delta R.T.: 0.001 min
Response: 82202300
Conc: 52.57 ng/ml



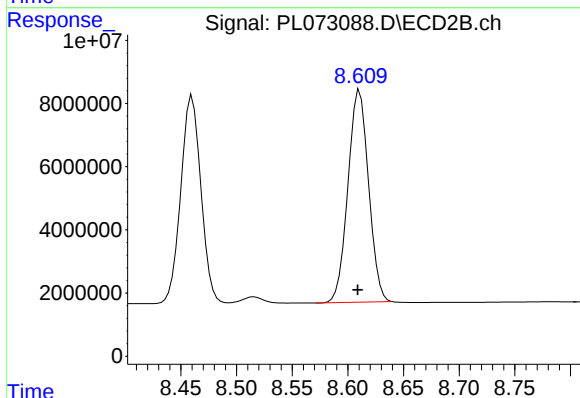
#13 Dieldrin

R.T.: 7.784 min
Delta R.T.: -0.001 min
Response: 21277442
Conc: 47.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143031BS

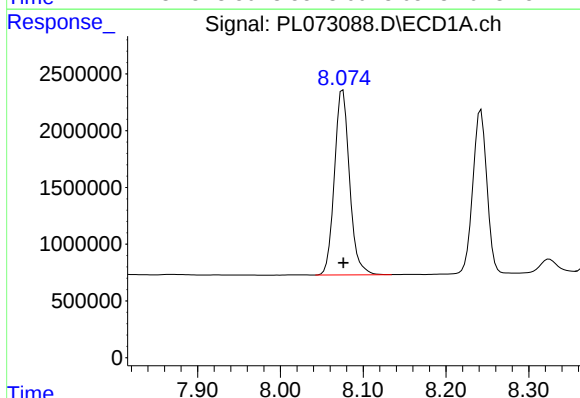
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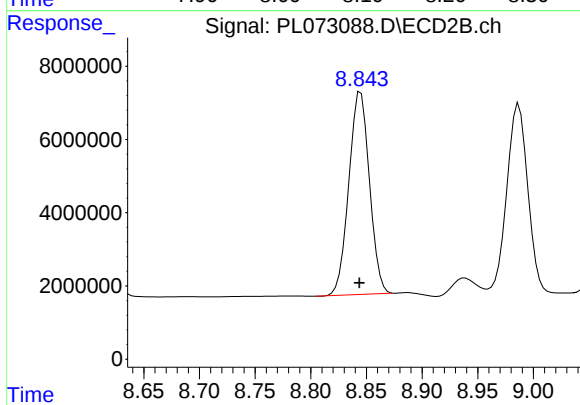
#13 Dieldrin

R.T.: 8.611 min
Delta R.T.: 0.002 min
Response: 86690493
Conc: 53.68 ng/ml



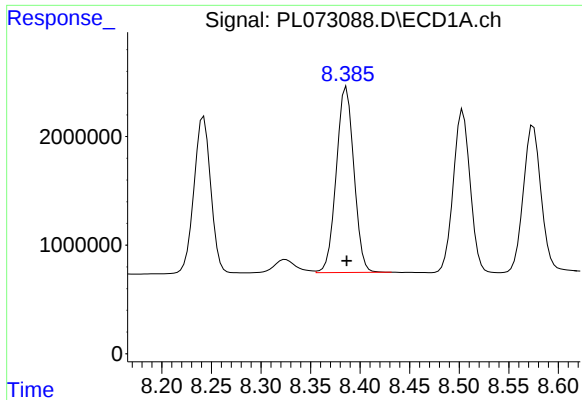
#14 Endrin

R.T.: 8.075 min
Delta R.T.: 0.000 min
Response: 20677019
Conc: 52.07 ng/ml



#14 Endrin

R.T.: 8.845 min
Delta R.T.: 0.001 min
Response: 71395738
Conc: 53.93 ng/ml



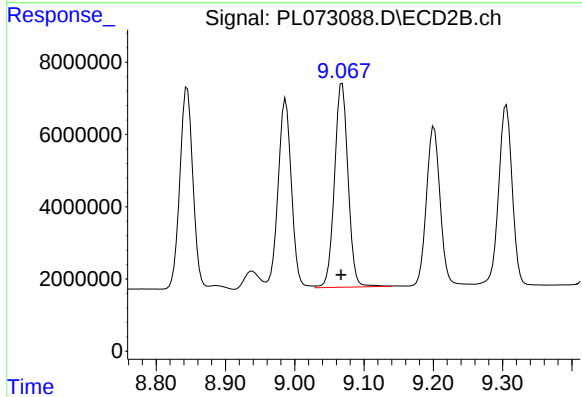
#15 Endosulfan II

R.T.: 8.386 min
Delta R.T.: 0.000 min
Response: 21129238
Conc: 48.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143031BS

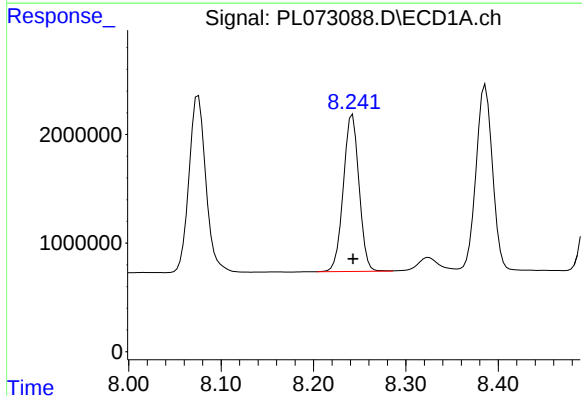
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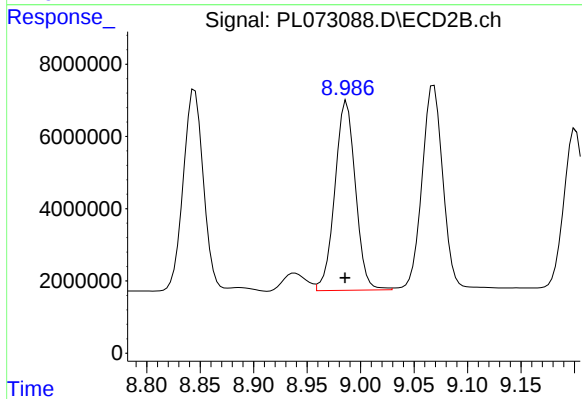
#15 Endosulfan II

R.T.: 9.069 min
Delta R.T.: 0.002 min
Response: 76828251
Conc: 55.52 ng/ml



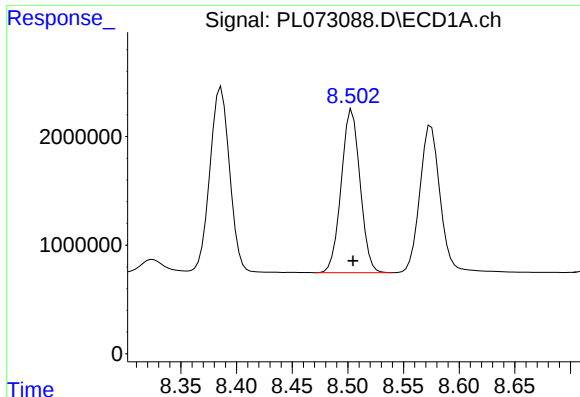
#16 4,4'-DDD

R.T.: 8.242 min
Delta R.T.: 0.000 min
Response: 17065478
Conc: 49.00 ng/ml



#16 4,4'-DDD

R.T.: 8.987 min
Delta R.T.: 0.002 min
Response: 70288695
Conc: 52.85 ng/ml



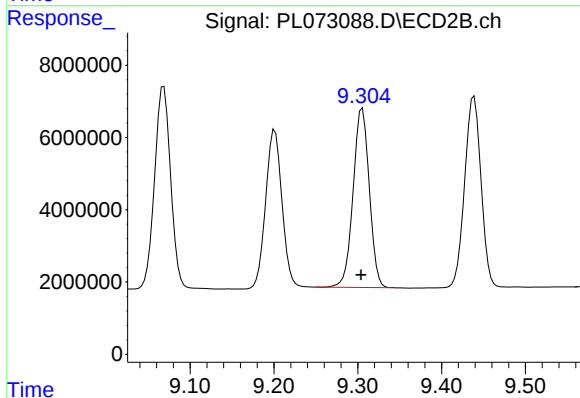
#17 4,4'-DDT

R.T.: 8.504 min
Delta R.T.: 0.000 min
Response: 17705367
Conc: 46.53 ng/ml

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ECD_L
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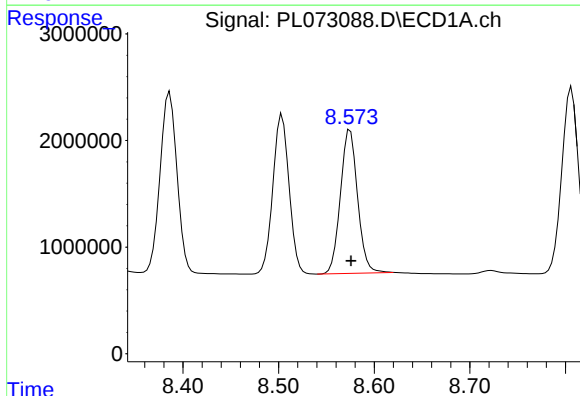
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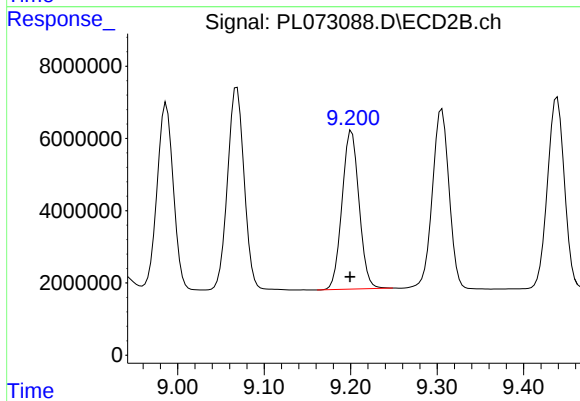
#17 4,4'-DDT

R.T.: 9.306 min
Delta R.T.: 0.001 min
Response: 66646267
Conc: 48.59 ng/ml



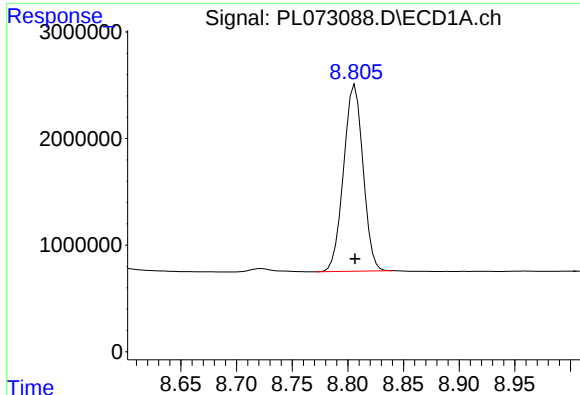
#18 Endrin aldehyde

R.T.: 8.575 min
Delta R.T.: -0.001 min
Response: 16858298
Conc: 52.51 ng/ml



#18 Endrin aldehyde

R.T.: 9.201 min
Delta R.T.: 0.002 min
Response: 59584298
Conc: 54.76 ng/ml



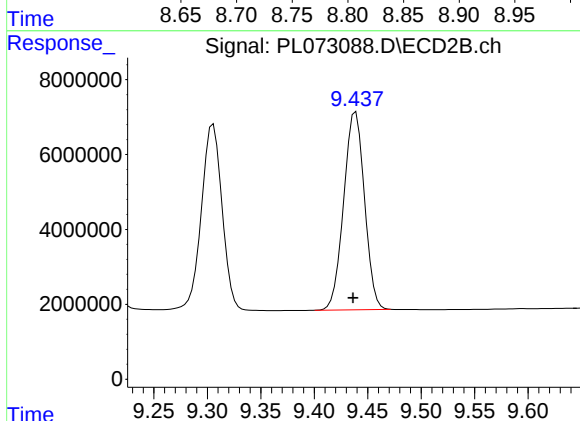
#19 Endosulfan Sulfate

R.T.: 8.806 min
Delta R.T.: 0.000 min
Response: 21310837
Conc: 48.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143031BS

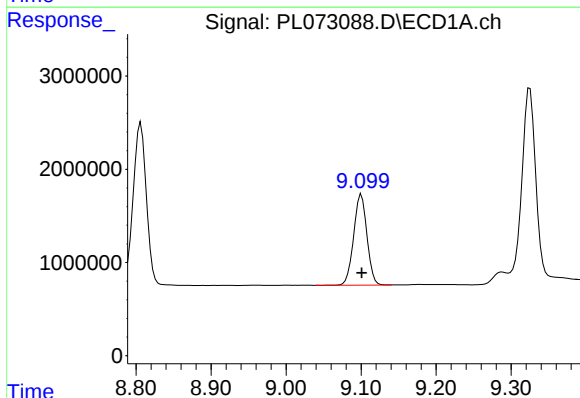
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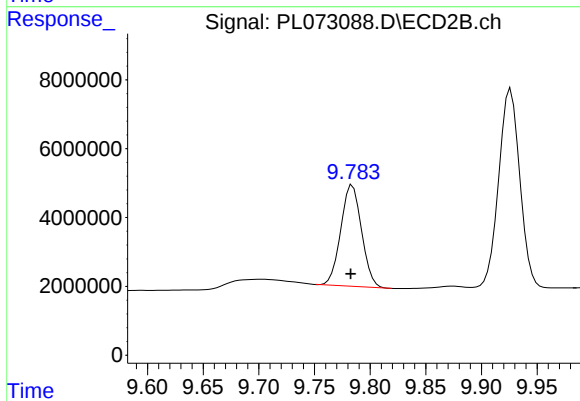
#19 Endosulfan Sulfate

R.T.: 9.439 min
Delta R.T.: 0.002 min
Response: 71709966
Conc: 50.58 ng/ml



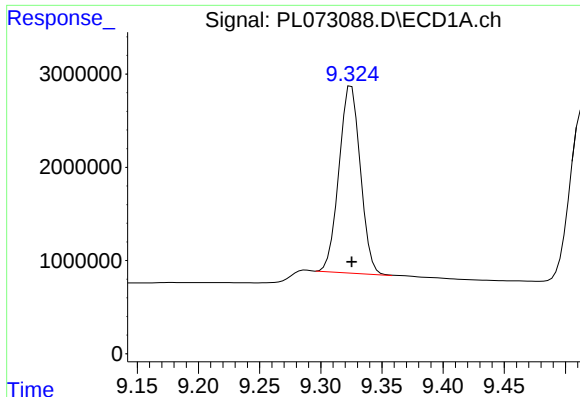
#20 Methoxychlor

R.T.: 9.100 min
Delta R.T.: 0.000 min
Response: 11984427
Conc: 47.98 ng/ml



#20 Methoxychlor

R.T.: 9.784 min
Delta R.T.: 0.001 min
Response: 38161423
Conc: 48.74 ng/ml



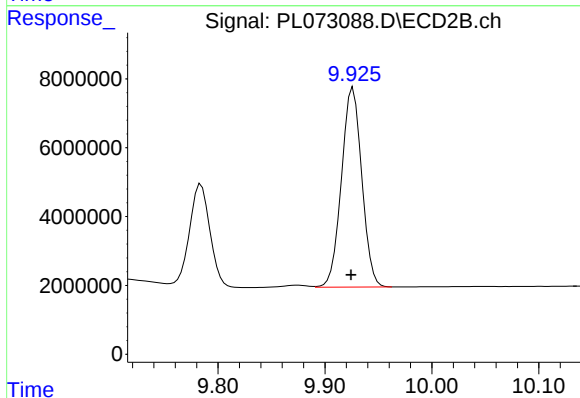
#21 Endrin ketone

R.T.: 9.324 min
Delta R.T.: -0.002 min
Response: 24454290
Conc: 49.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143031BS

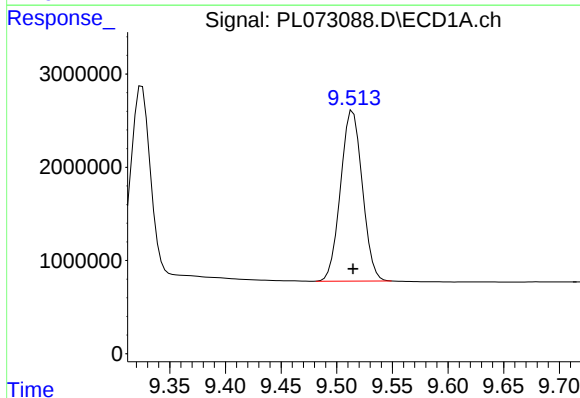
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APPROVED

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



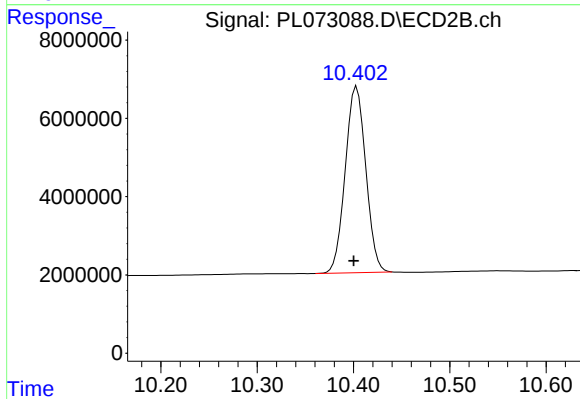
#21 Endrin ketone

R.T.: 9.926 min
Delta R.T.: 0.002 min
Response: 76619287
Conc: 52.26 ng/ml



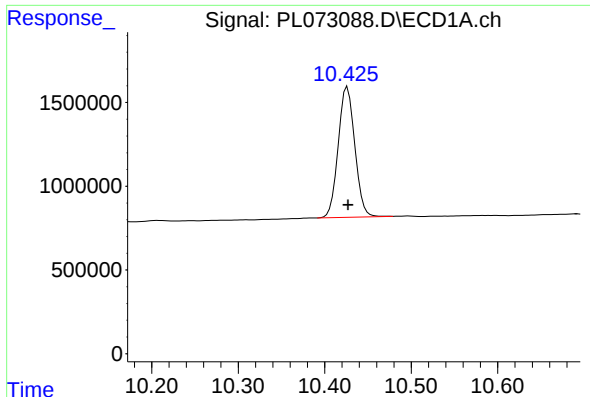
#22 Mirex

R.T.: 9.514 min
Delta R.T.: 0.000 min
Response: 24920129
Conc: 44.17 ng/ml



#22 Mirex

R.T.: 10.403 min
Delta R.T.: 0.003 min
Response: 70379714
Conc: 47.92 ng/ml



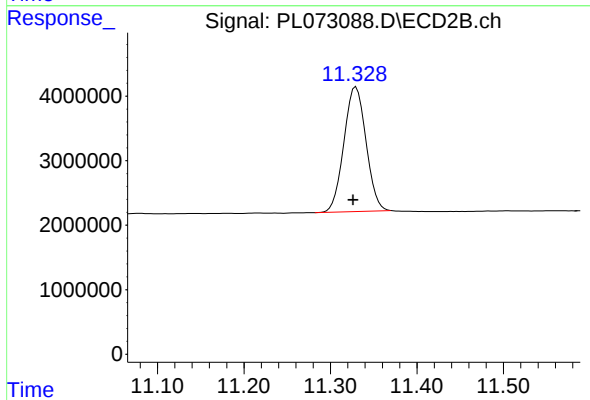
#28 Decachlorobiphenyl

R.T.: 10.426 min
Delta R.T.: 0.000 min
Response: 10338337
Conc: 22.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143031BS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 11.329 min
Delta R.T.: 0.003 min
Response: 34279270
Conc: 21.73 ng/ml