

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032322\
 Data File : PL073609.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Mar 2022 16:10
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/24/2022
 Supervised By : mohammad ahmed 03/25/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 24 04:29:53 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...	4.641	5.492	15427446	82874403	48.168	50.495
28)	SA Decachlor...	10.415	11.331	24356180	84460036	47.898	47.233
Target Compounds							
2)	A alpha-BHC	5.349	6.054	20034702	116.8E6	48.604	51.937
3)	MA gamma-BHC...	5.773	6.444	20035058	109.5E6	48.030	51.265
4)	MA Heptachlor	6.184	7.102	21797253	118.1E6	48.310	50.395
5)	MB Aldrin	6.509	7.471	19806921	105.8E6	47.939	50.487
6)	B beta-BHC	6.153	6.680	10233962	50728987	49.705	48.667
7)	B delta-BHC	6.415	6.947	20157083	109.6E6	50.186	50.874
8)	B Heptachlo...	7.086	7.926	20677594	99373101	47.978	49.753
9)	A Endosulfan I	7.490	8.327	19787542	89330121	48.237	48.937
10)	B gamma-Chl...	7.364	8.195	21071890	99648108	48.186	48.789
11)	B alpha-Chl...	7.434	8.277	21292402	97449299	48.180	48.724
12)	B 4,4'-DDE	7.648	8.462	17517577	88816594	48.817	49.552
13)	MA Dieldrin	7.776	8.612	20233357	90109885	48.565	48.847
14)	MA Endrin	8.067	8.846	19509443	76414340	50.282	49.638
15)	B Endosulfa...	8.377	9.070	19037617	73524473	48.705	47.873
16)	A 4,4'-DDD	8.233	8.989	15657592	69620569	48.216	47.695
17)	MA 4,4'-DDT	8.494	9.307	18273413	78382867	48.319	47.954
18)	B Endrin al...	8.566	9.202	15430588	59402271	48.793	48.440m
19)	B Endosulfa...	8.795	9.440	20654045	75152694	48.894m	47.684
20)	A Methoxychlor	9.089	9.787	12223009	41922846	47.647	46.525
21)	B Endrin ke...	9.316	9.928	24046989	77914217	49.153	47.204
22)	Mirex	9.504	10.405	22262529	63393587	47.210	46.666

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

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 Acq On : 23 Mar 2022 16:10
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ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

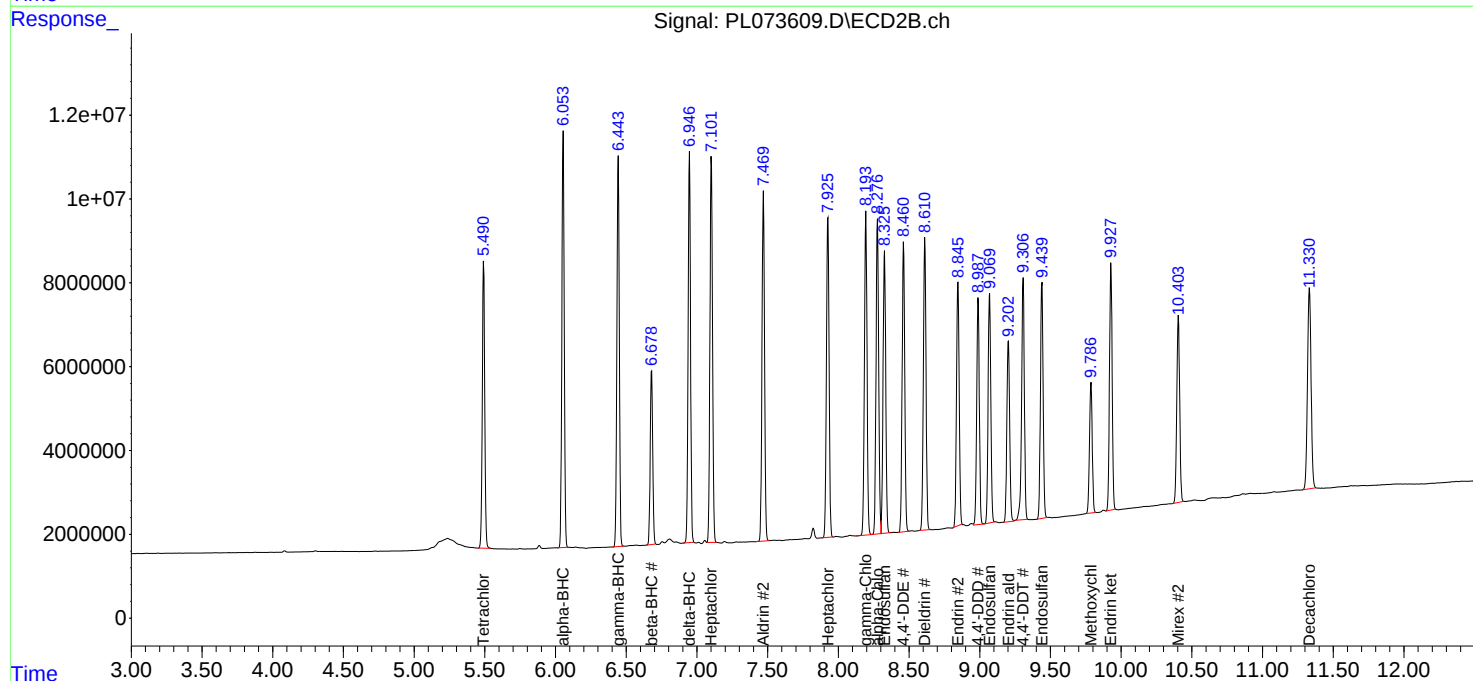
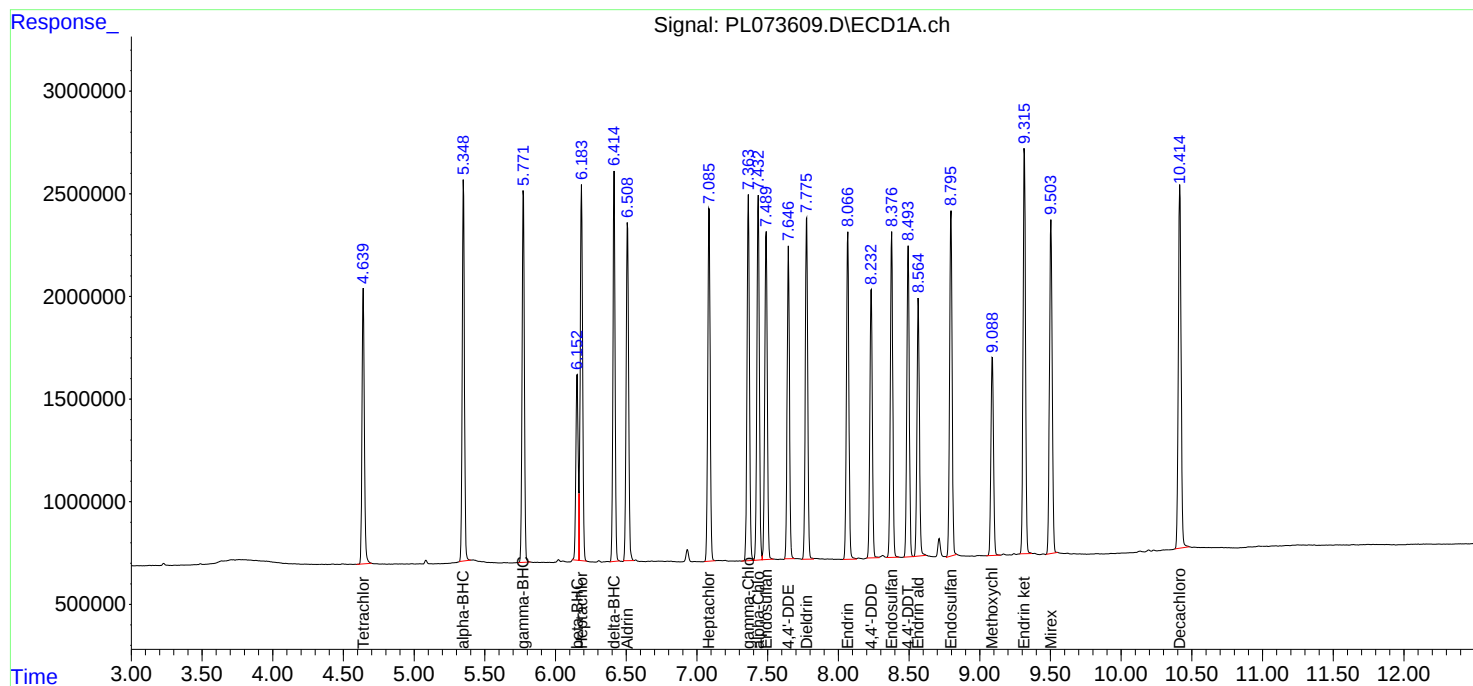
APPROVED

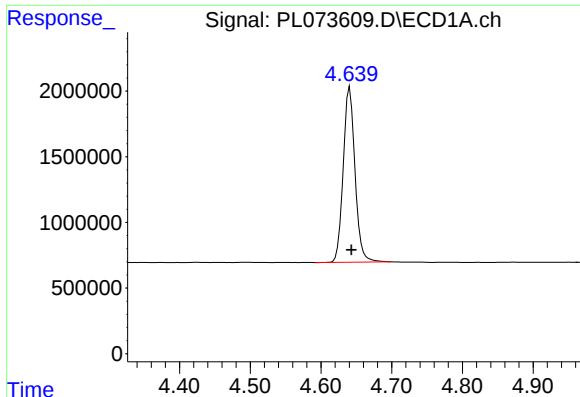
Reviewed By :Abdul Mirza 03/24/2022

Supervised By :mohammad ahmed 03/25/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 24 04:29:53 2022
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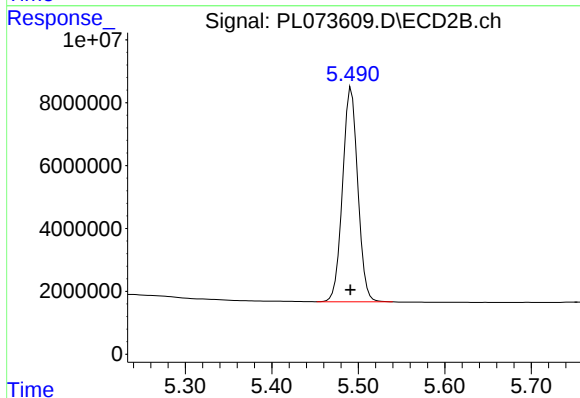
#1 Tetrachloro-m-xylene

R.T.: 4.641 min
Delta R.T.: -0.002 min
Response: 15427446
Conc: 48.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

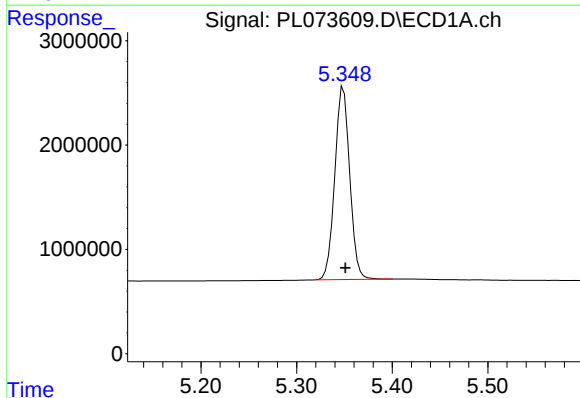
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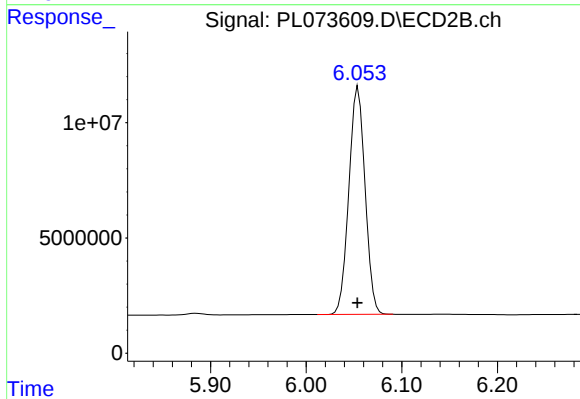
#1 Tetrachloro-m-xylene

R.T.: 5.492 min
Delta R.T.: 0.000 min
Response: 82874403
Conc: 50.49 ng/ml



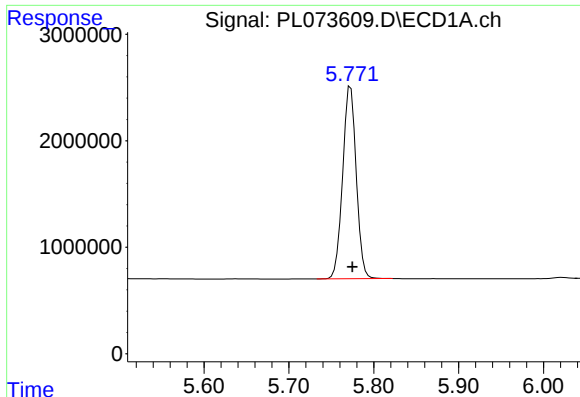
#2 alpha-BHC

R.T.: 5.349 min
Delta R.T.: -0.002 min
Response: 20034702
Conc: 48.60 ng/ml



#2 alpha-BHC

R.T.: 6.054 min
Delta R.T.: 0.000 min
Response: 116839710
Conc: 51.94 ng/ml



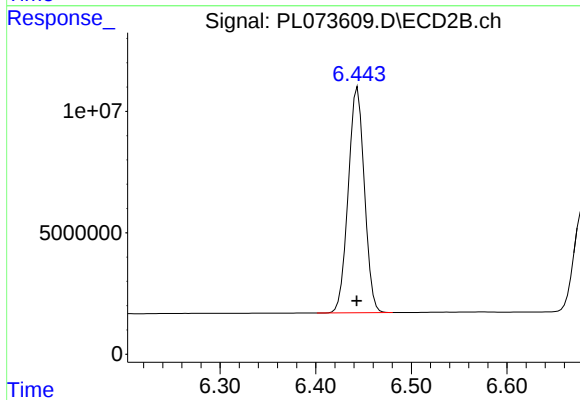
#3 gamma-BHC (Lindane)

R.T.: 5.773 min
Delta R.T.: -0.002 min
Response: 20035058
Conc: 48.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

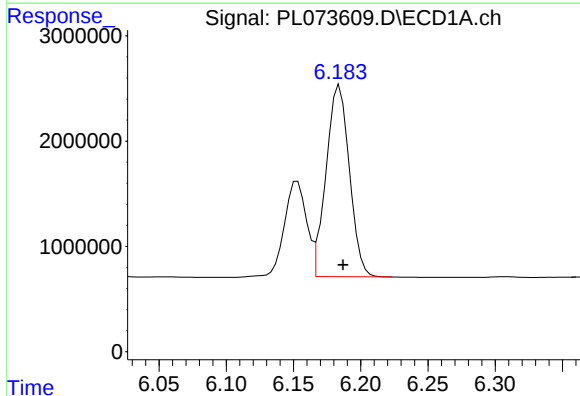
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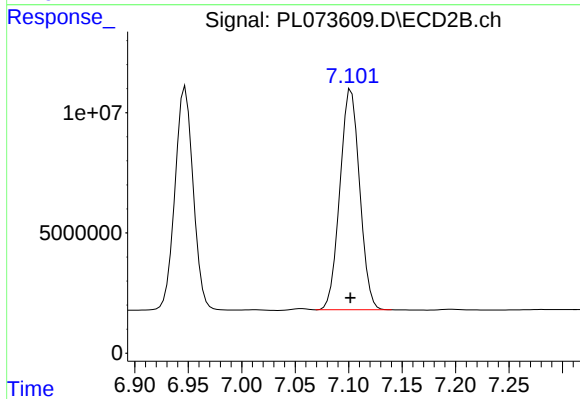
#3 gamma-BHC (Lindane)

R.T.: 6.444 min
Delta R.T.: 0.001 min
Response: 109454694
Conc: 51.26 ng/ml



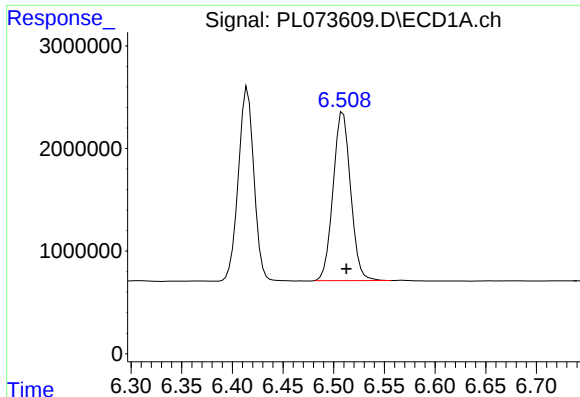
#4 Heptachlor

R.T.: 6.184 min
Delta R.T.: -0.003 min
Response: 21797253
Conc: 48.31 ng/ml



#4 Heptachlor

R.T.: 7.102 min
Delta R.T.: 0.000 min
Response: 118079354
Conc: 50.39 ng/ml



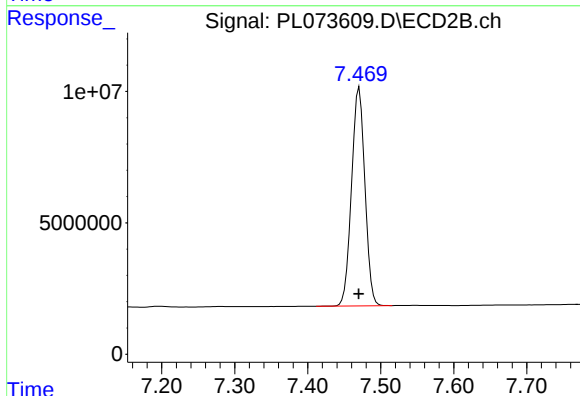
#5 Aldrin

R.T.: 6.509 min
Delta R.T.: -0.003 min
Response: 19806921
Conc: 47.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

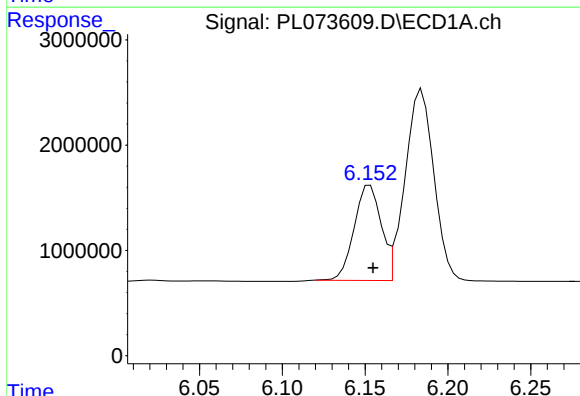
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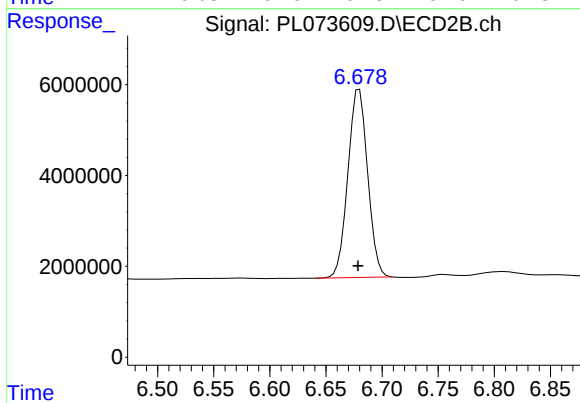
#5 Aldrin

R.T.: 7.471 min
Delta R.T.: 0.000 min
Response: 105769314
Conc: 50.49 ng/ml



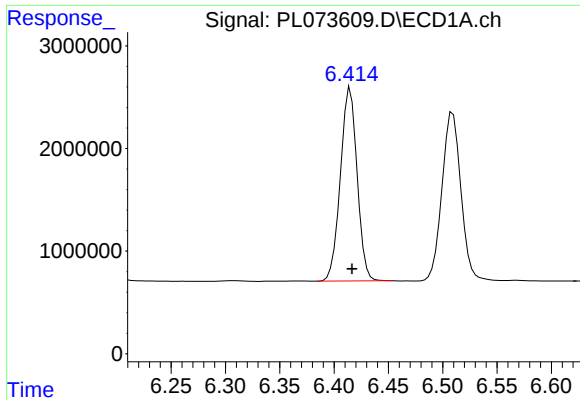
#6 beta-BHC

R.T.: 6.153 min
Delta R.T.: -0.002 min
Response: 10233962
Conc: 49.70 ng/ml



#6 beta-BHC

R.T.: 6.680 min
Delta R.T.: 0.001 min
Response: 50728987
Conc: 48.67 ng/ml



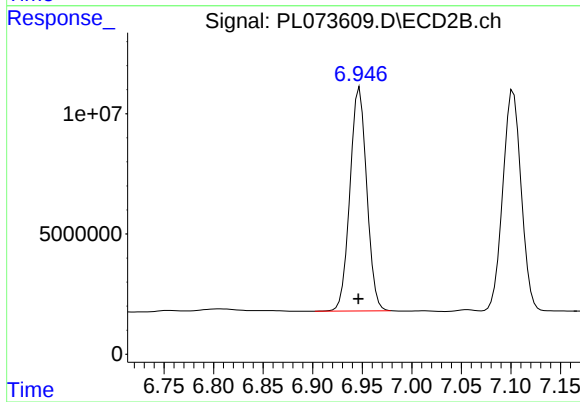
#7 delta-BHC

R.T.: 6.415 min
Delta R.T.: -0.001 min
Response: 20157083
Conc: 50.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

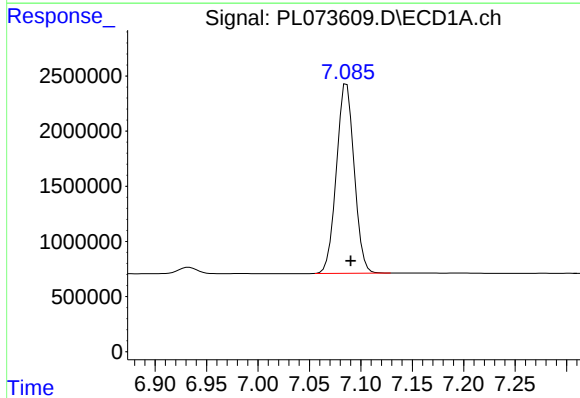
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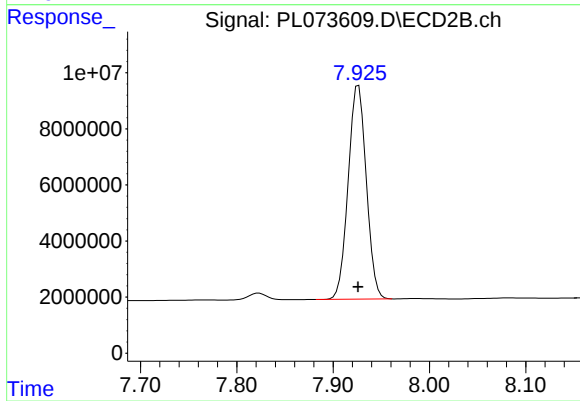
#7 delta-BHC

R.T.: 6.947 min
Delta R.T.: 0.001 min
Response: 109560055
Conc: 50.87 ng/ml



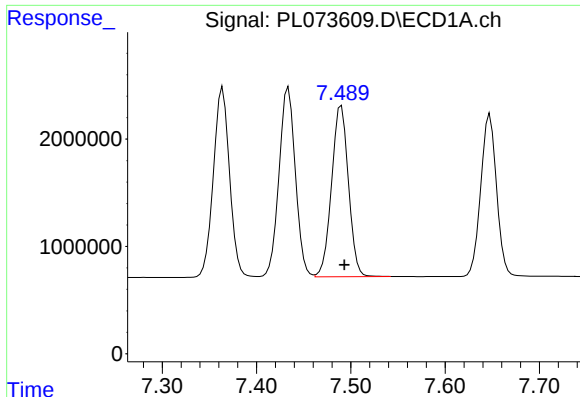
#8 Heptachlor epoxide

R.T.: 7.086 min
Delta R.T.: -0.004 min
Response: 20677594
Conc: 47.98 ng/ml



#8 Heptachlor epoxide

R.T.: 7.926 min
Delta R.T.: 0.000 min
Response: 99373101
Conc: 49.75 ng/ml



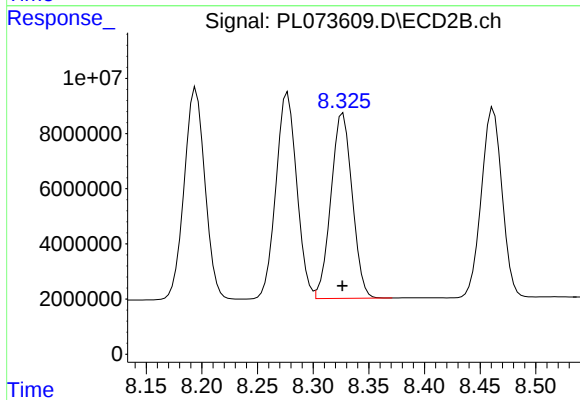
#9 Endosulfan I

R.T.: 7.490 min
Delta R.T.: -0.003 min
Response: 19787542
Conc: 48.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

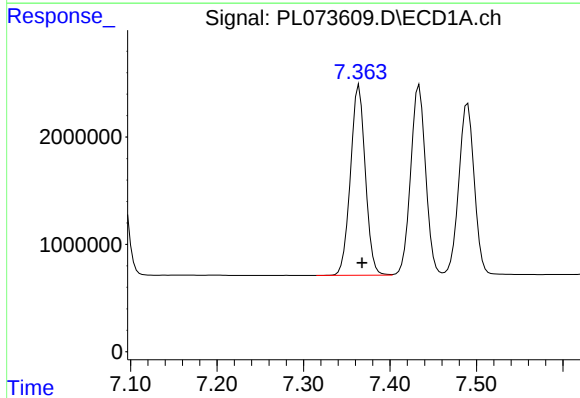
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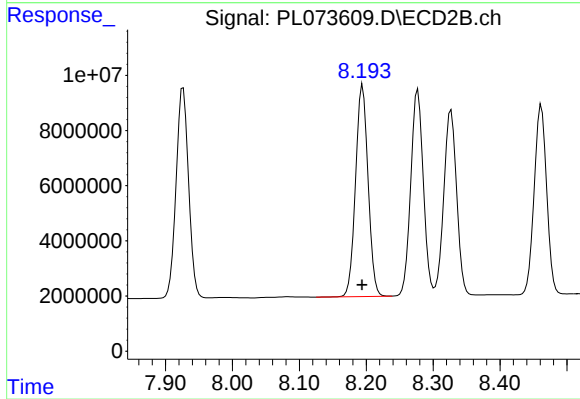
#9 Endosulfan I

R.T.: 8.327 min
Delta R.T.: 0.000 min
Response: 89330121
Conc: 48.94 ng/ml



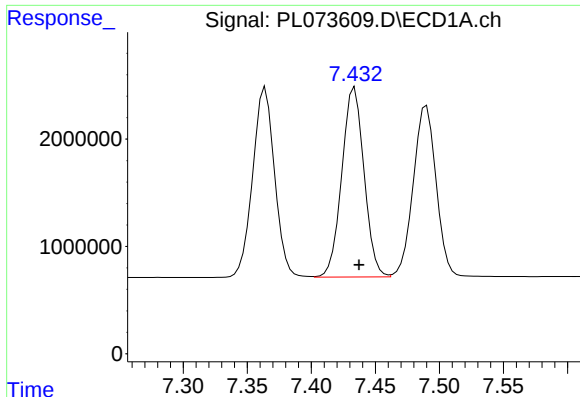
#10 gamma-Chlordane

R.T.: 7.364 min
Delta R.T.: -0.004 min
Response: 21071890
Conc: 48.19 ng/ml



#10 gamma-Chlordane

R.T.: 8.195 min
Delta R.T.: 0.000 min
Response: 99648108
Conc: 48.79 ng/ml



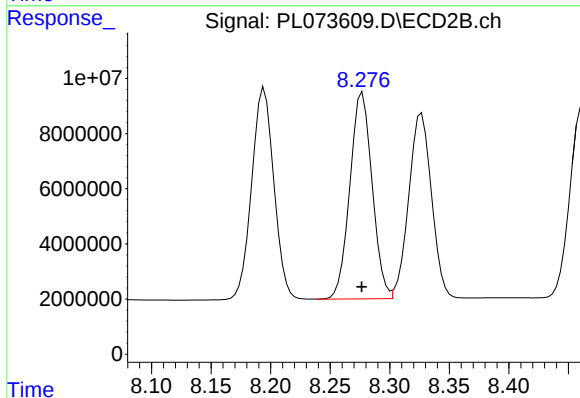
#11 alpha-Chlordane

R.T.: 7.434 min
Delta R.T.: -0.003 min
Response: 21292402
Conc: 48.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

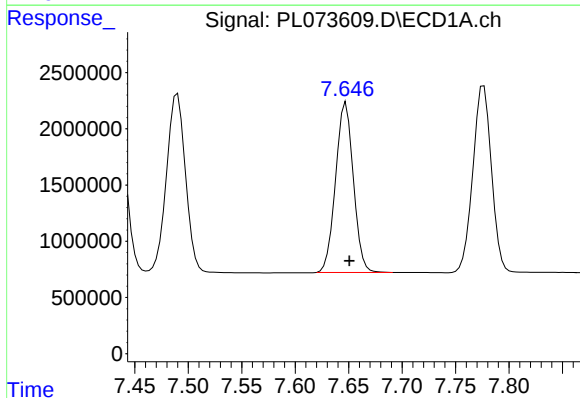
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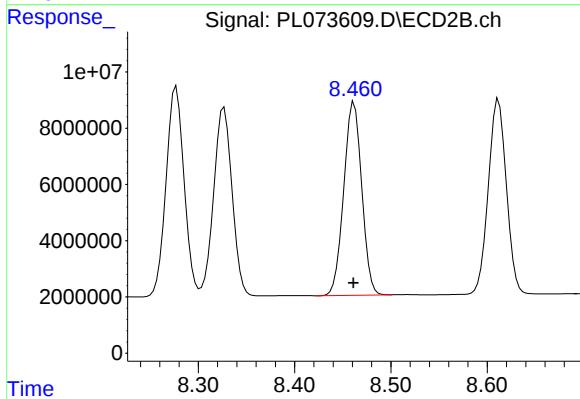
#11 alpha-Chlordane

R.T.: 8.277 min
Delta R.T.: 0.000 min
Response: 97449299
Conc: 48.72 ng/ml



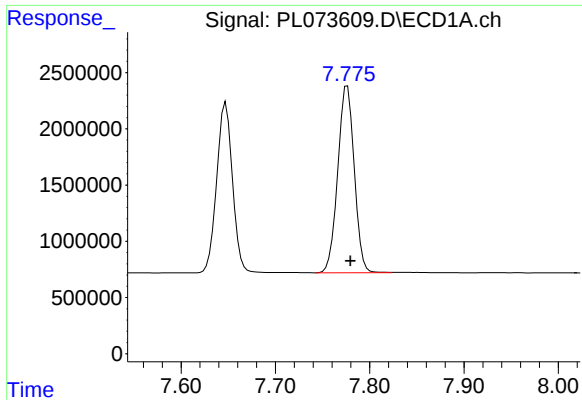
#12 4,4'-DDE

R.T.: 7.648 min
Delta R.T.: -0.003 min
Response: 17517577
Conc: 48.82 ng/ml



#12 4,4'-DDE

R.T.: 8.462 min
Delta R.T.: 0.000 min
Response: 88816594
Conc: 49.55 ng/ml



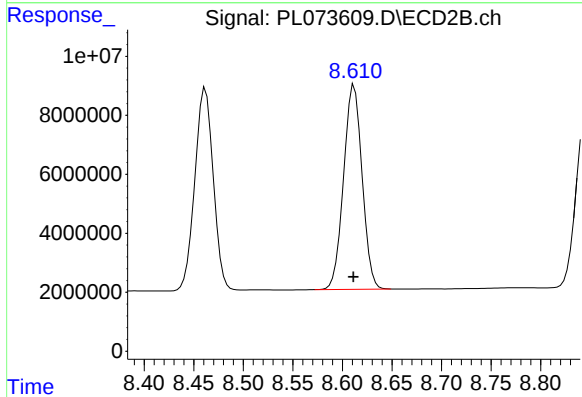
#13 Dieldrin

R.T.: 7.776 min
Delta R.T.: -0.003 min
Response: 20233357
Conc: 48.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

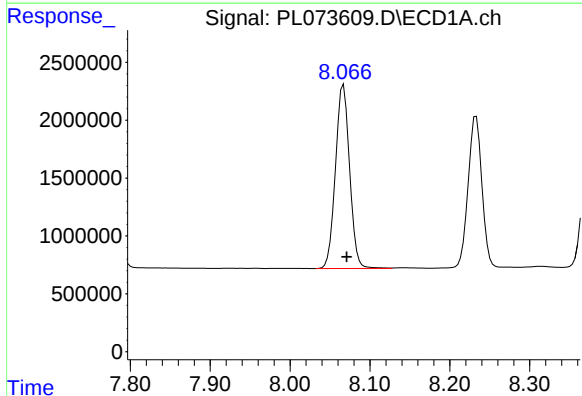
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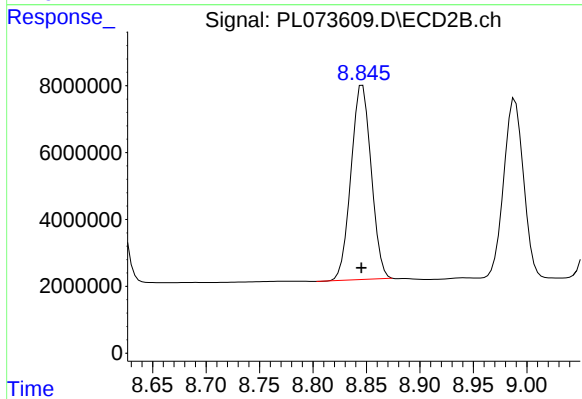
#13 Dieldrin

R.T.: 8.612 min
Delta R.T.: 0.000 min
Response: 90109885
Conc: 48.85 ng/ml



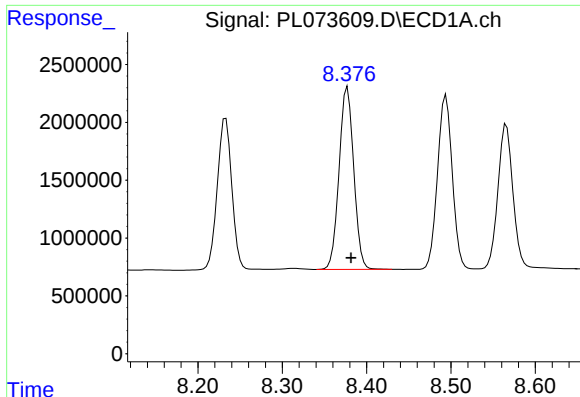
#14 Endrin

R.T.: 8.067 min
Delta R.T.: -0.004 min
Response: 19509443
Conc: 50.28 ng/ml



#14 Endrin

R.T.: 8.846 min
Delta R.T.: 0.000 min
Response: 76414340
Conc: 49.64 ng/ml



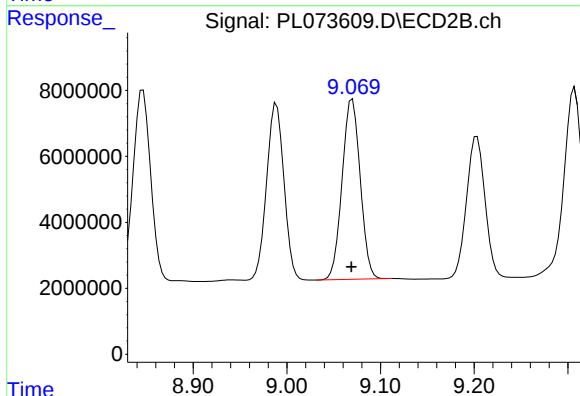
#15 Endosulfan II

R.T.: 8.377 min
Delta R.T.: -0.004 min
Response: 19037617
Conc: 48.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

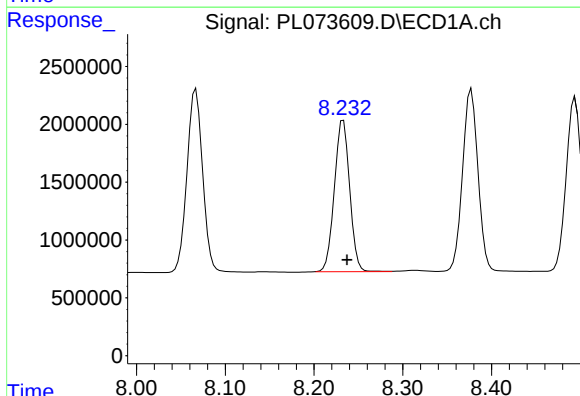
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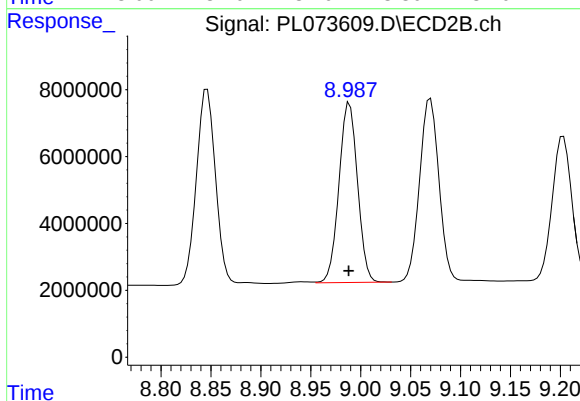
#15 Endosulfan II

R.T.: 9.070 min
Delta R.T.: 0.000 min
Response: 73524473
Conc: 47.87 ng/ml



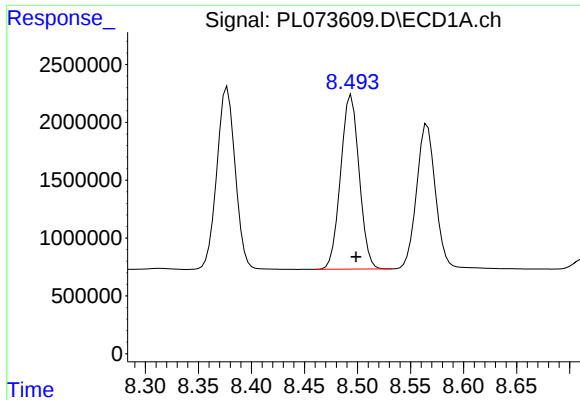
#16 4,4'-DDD

R.T.: 8.233 min
Delta R.T.: -0.004 min
Response: 15657592
Conc: 48.22 ng/ml



#16 4,4'-DDD

R.T.: 8.989 min
Delta R.T.: 0.000 min
Response: 69620569
Conc: 47.69 ng/ml



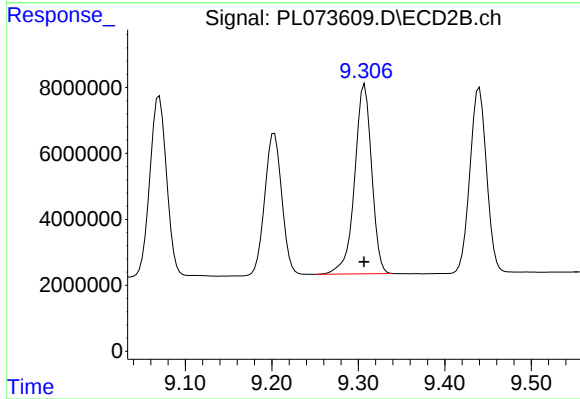
#17 4,4'-DDT

R.T.: 8.494 min
Delta R.T.: -0.005 min
Response: 18273413
Conc: 48.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

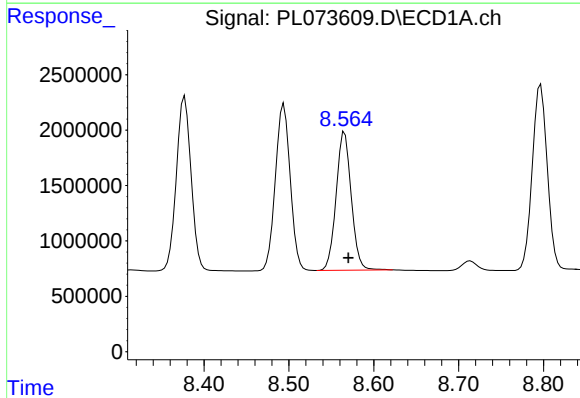
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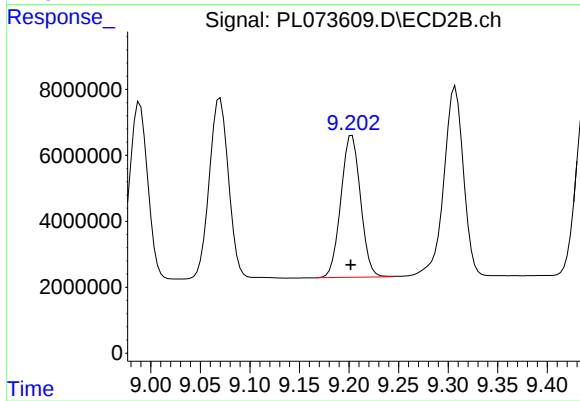
#17 4,4'-DDT

R.T.: 9.307 min
Delta R.T.: 0.000 min
Response: 78382867
Conc: 47.95 ng/ml



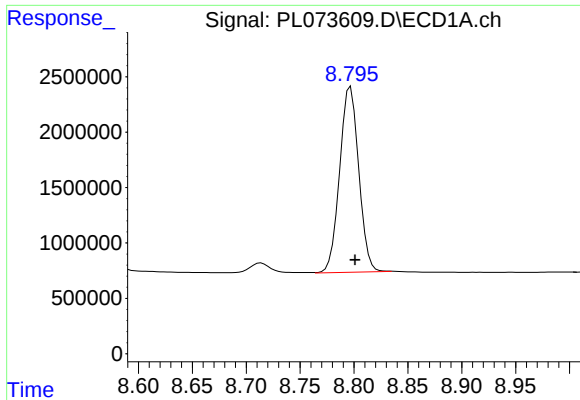
#18 Endrin aldehyde

R.T.: 8.566 min
Delta R.T.: -0.004 min
Response: 15430588
Conc: 48.79 ng/ml



#18 Endrin aldehyde

R.T.: 9.202 min
Delta R.T.: 0.000 min
Response: 59402271
Conc: 48.44 ng/ml m



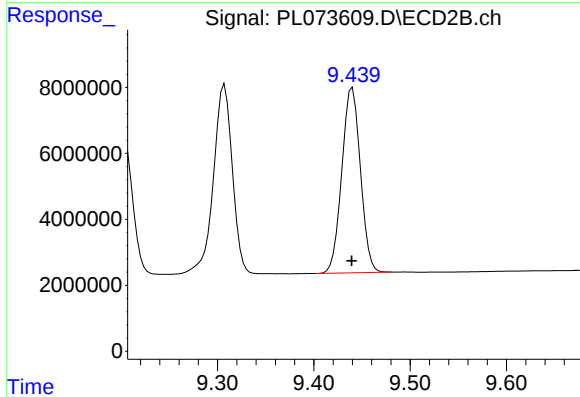
#19 Endosulfan Sulfate

R.T.: 8.795 min
Delta R.T.: -0.006 min
Response: 20654045
Conc: 48.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

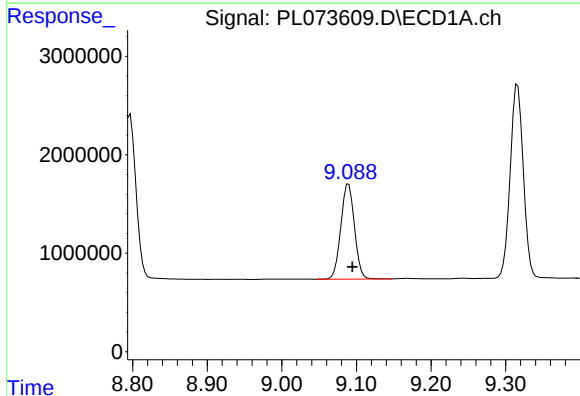
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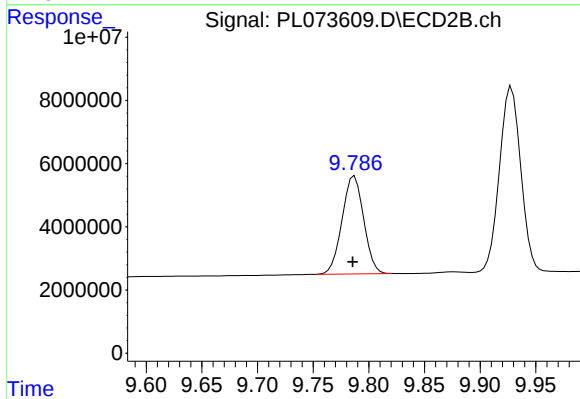
#19 Endosulfan Sulfate

R.T.: 9.440 min
Delta R.T.: 0.000 min
Response: 75152694
Conc: 47.68 ng/ml



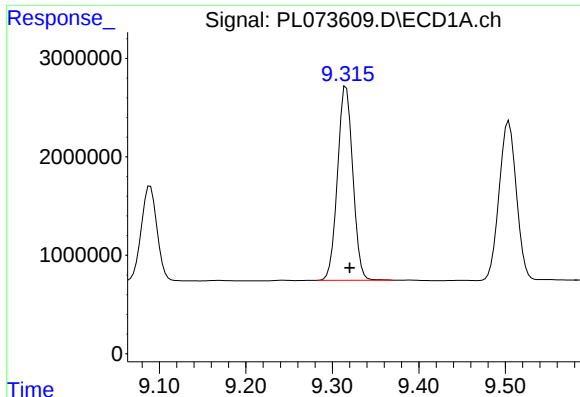
#20 Methoxychlor

R.T.: 9.089 min
Delta R.T.: -0.005 min
Response: 12223009
Conc: 47.65 ng/ml



#20 Methoxychlor

R.T.: 9.787 min
Delta R.T.: 0.002 min
Response: 41922846
Conc: 46.53 ng/ml



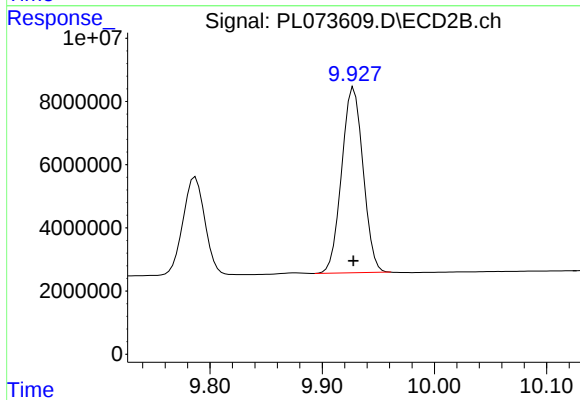
#21 Endrin ketone

R.T.: 9.316 min
Delta R.T.: -0.004 min
Response: 24046989
Conc: 49.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

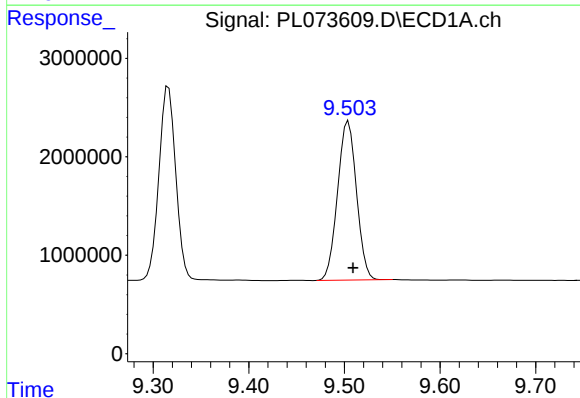
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/24/2022
Supervised By :mohammad ahmed 03/25/2022



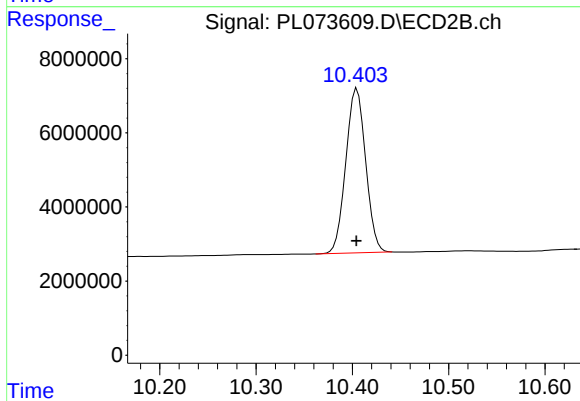
#21 Endrin ketone

R.T.: 9.928 min
Delta R.T.: 0.000 min
Response: 77914217
Conc: 47.20 ng/ml



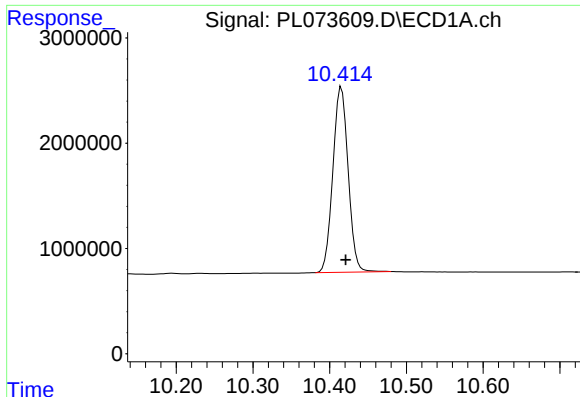
#22 Mirex

R.T.: 9.504 min
Delta R.T.: -0.005 min
Response: 22262529
Conc: 47.21 ng/ml



#22 Mirex

R.T.: 10.405 min
Delta R.T.: 0.000 min
Response: 63393587
Conc: 46.67 ng/ml



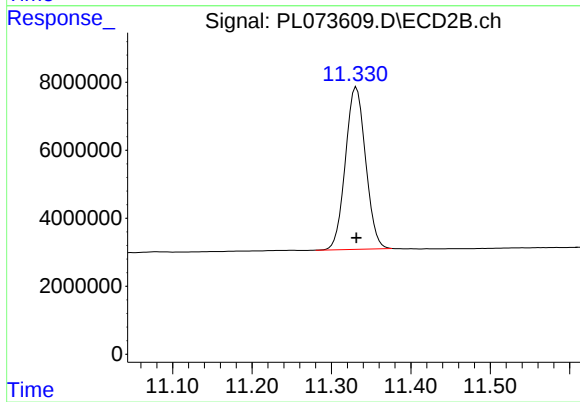
#28 Decachlorobiphenyl

R.T.: 10.415 min
Delta R.T.: -0.006 min
Response: 24356180
Conc: 47.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

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#28 Decachlorobiphenyl

R.T.: 11.331 min
Delta R.T.: 0.000 min
Response: 84460036
Conc: 47.23 ng/ml