

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032222\
 Data File : PL073581.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Mar 2022 17:32
 Operator : AR\AJ
 Sample : PB143516BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB143516BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/23/2022
 Supervised By : mohammad ahmed 03/23/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 23 01:49:20 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	6512686	35449119	20.334	21.599
28)	SA Decachlor...	10.415	11.332	11236371	39672503	22.097	22.186
Target Compounds							
2)	A alpha-BHC	5.349	6.055	21131046	128.3E6	51.264	57.022
3)	MA gamma-BHC...	5.773	6.444	20922478	119.3E6	50.157	55.868
4)	MA Heptachlor	6.184	7.103	21741539	123.6E6	48.186	52.759
5)	MB Aldrin	6.510	7.471	21385291	121.8E6	51.759	58.142
6)	B beta-BHC	6.153	6.680	10082064	52275729	48.967	50.151
7)	B delta-BHC	6.415	6.947	20778014	117.9E6	51.732	54.733
8)	B Heptachlo...	7.086	7.927	21687440	111.1E6	50.321	55.602
9)	A Endosulfan I	7.490	8.327	20523378	98774469	50.030	54.111
10)	B gamma-Chl...	7.364	8.195	22165023	113.9E6	50.686	55.762
11)	B alpha-Chl...	7.434	8.277	22306044	109.9E6	50.474	54.937
12)	B 4,4'-DDE	7.647	8.462	18451436	100.5E6	51.420	56.095
13)	MA Dieldrin	7.776	8.612	21840285	104.9E6	52.422	56.839
14)	MA Endrin	8.066	8.847	18893355	78203416	48.694	50.801
15)	B Endosulfa...	8.378	9.070	21246903	88582779	54.357	57.677
16)	A 4,4'-DDD	8.233	8.989	17647417	84666629	54.344	58.002
17)	MA 4,4'-DDT	8.495	9.308	16295169	73868289	43.088	45.192
18)	B Endrin al...	8.566	9.201	17997521	73560747	56.909	59.985m
19)	B Endosulfa...	8.796	9.440	21742601	85272280	51.471m	54.104
20)	A Methoxychlor	9.090	9.787	10975193	39761112	42.783	44.126
21)	B Endrin ke...	9.316	9.928	27408839	94069292	56.025	56.991
22)	Mirex	9.504	10.405	26016454	80717171	55.171	59.418

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032222\
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Manual Integrations

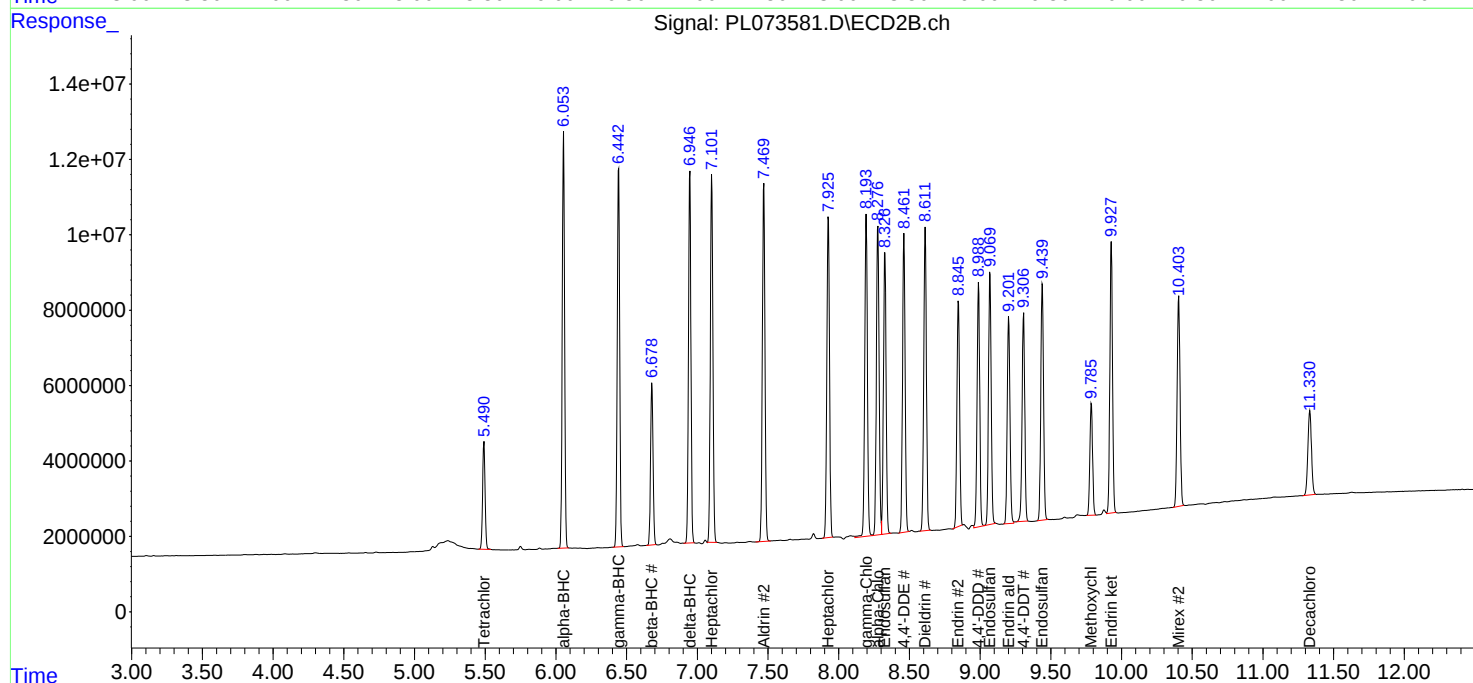
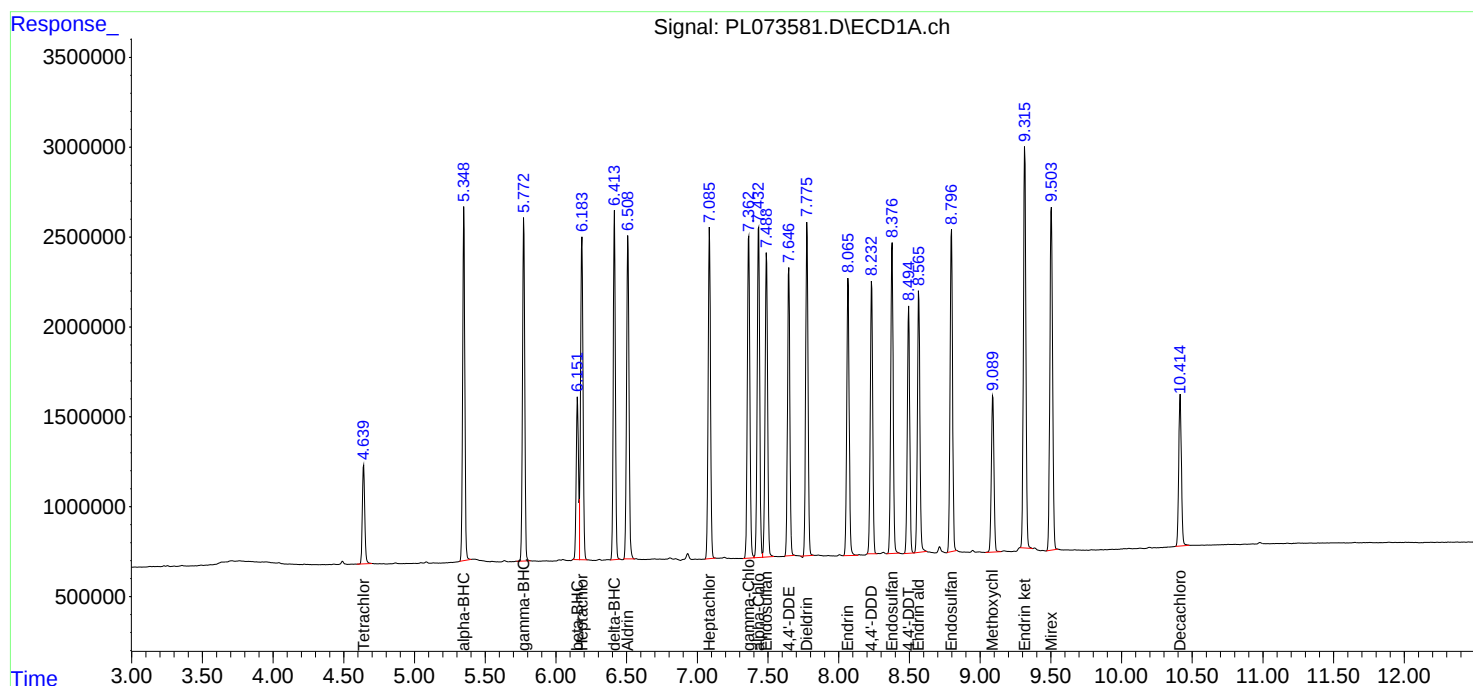
APPROVED

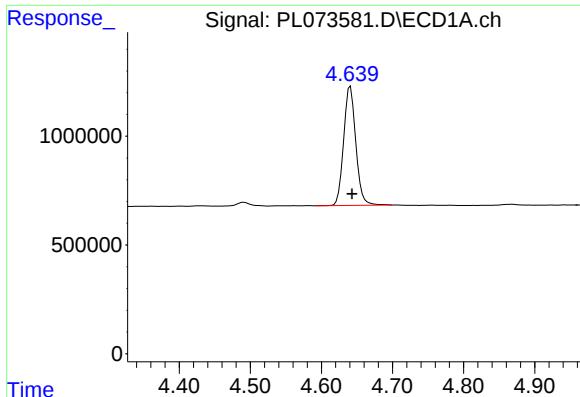
Reviewed By :Abdul Mirza 03/23/2022

Supervised By :mohammad ahmed 03/23/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 23 01:49:20 2022
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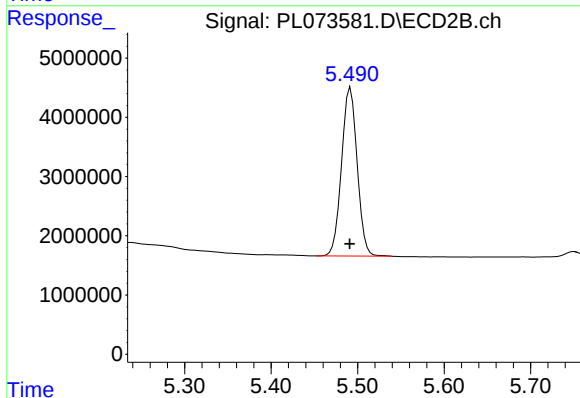
#1 Tetrachloro-m-xylene

R.T.: 4.641 min
Delta R.T.: -0.002 min
Response: 6512686
Conc: 20.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143516BS

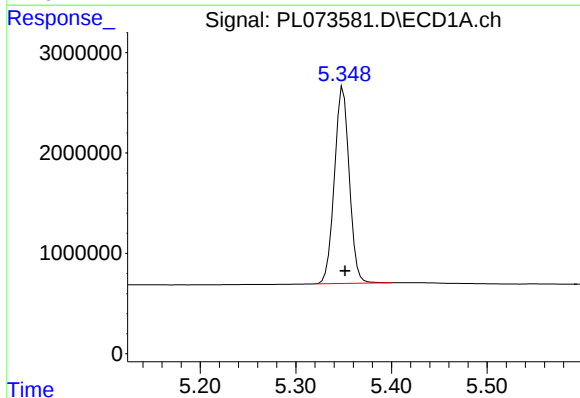
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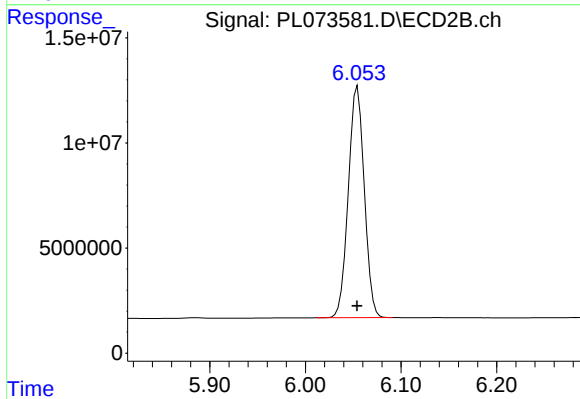
#1 Tetrachloro-m-xylene

R.T.: 5.492 min
Delta R.T.: 0.000 min
Response: 35449119
Conc: 21.60 ng/ml



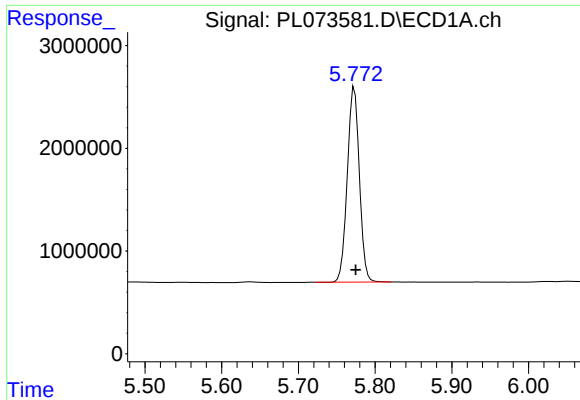
#2 alpha-BHC

R.T.: 5.349 min
Delta R.T.: -0.002 min
Response: 21131046
Conc: 51.26 ng/ml



#2 alpha-BHC

R.T.: 6.055 min
Delta R.T.: 0.000 min
Response: 128278987
Conc: 57.02 ng/ml



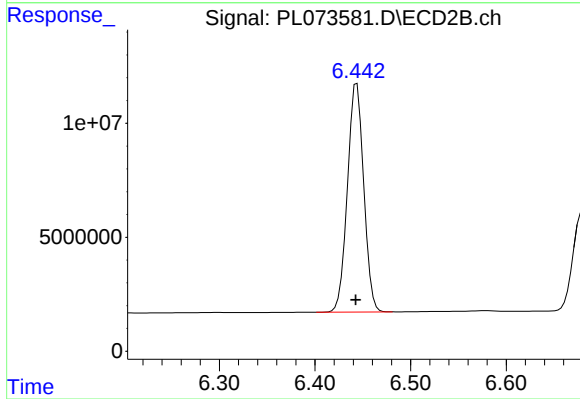
#3 gamma-BHC (Lindane)

R.T.: 5.773 min
Delta R.T.: -0.002 min
Response: 20922478
Conc: 50.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143516BS

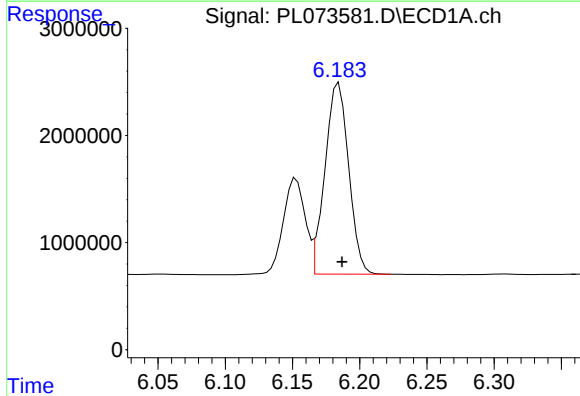
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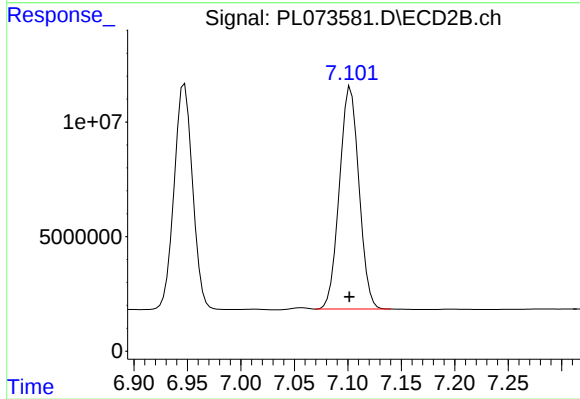
#3 gamma-BHC (Lindane)

R.T.: 6.444 min
Delta R.T.: 0.001 min
Response: 119282482
Conc: 55.87 ng/ml



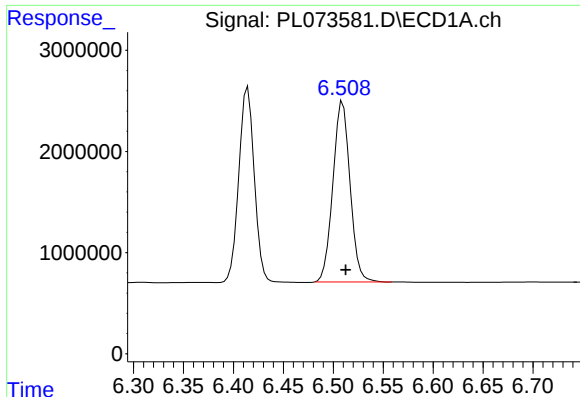
#4 Heptachlor

R.T.: 6.184 min
Delta R.T.: -0.003 min
Response: 21741539
Conc: 48.19 ng/ml



#4 Heptachlor

R.T.: 7.103 min
Delta R.T.: 0.001 min
Response: 123619316
Conc: 52.76 ng/ml



#5 Aldrin

R.T.: 6.510 min
Delta R.T.: -0.003 min
Response: 21385291
Conc: 51.76 ng/ml

Instrument :

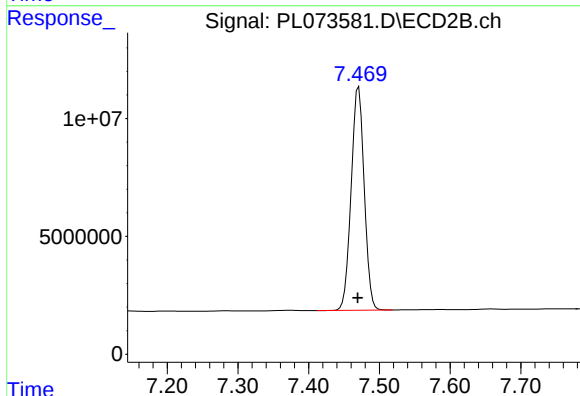
ECD_L

ClientSampleId :

PB143516BS

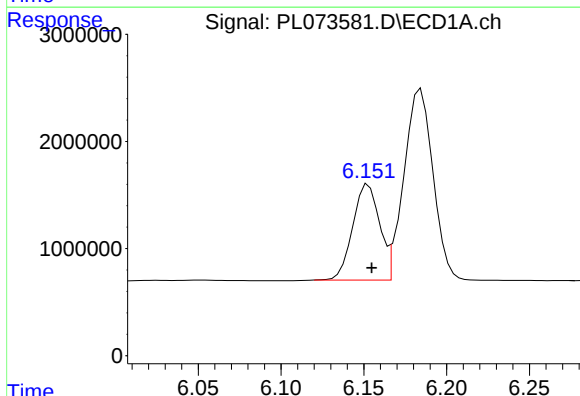
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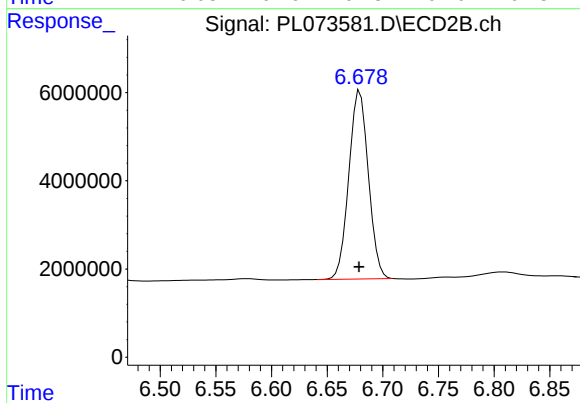
#5 Aldrin

R.T.: 7.471 min
Delta R.T.: 0.001 min
Response: 121805717
Conc: 58.14 ng/ml



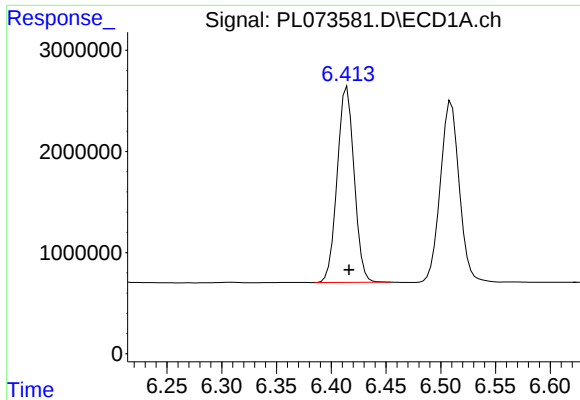
#6 beta-BHC

R.T.: 6.153 min
Delta R.T.: -0.002 min
Response: 10082064
Conc: 48.97 ng/ml



#6 beta-BHC

R.T.: 6.680 min
Delta R.T.: 0.000 min
Response: 52275729
Conc: 50.15 ng/ml



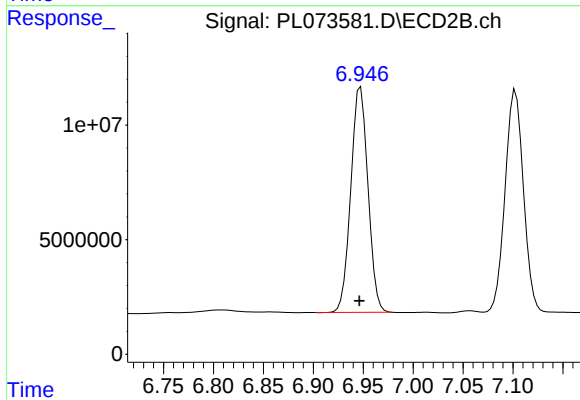
#7 delta-BHC

R.T.: 6.415 min
Delta R.T.: -0.002 min
Response: 20778014
Conc: 51.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143516BS

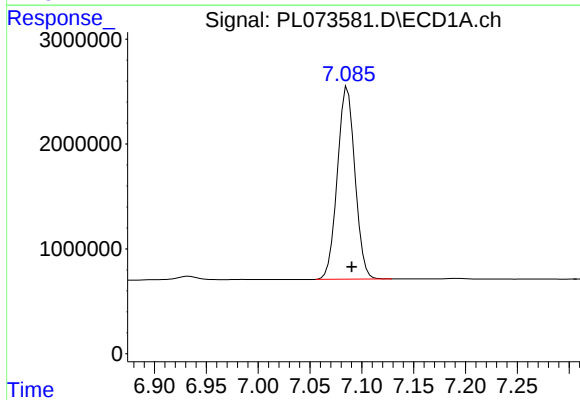
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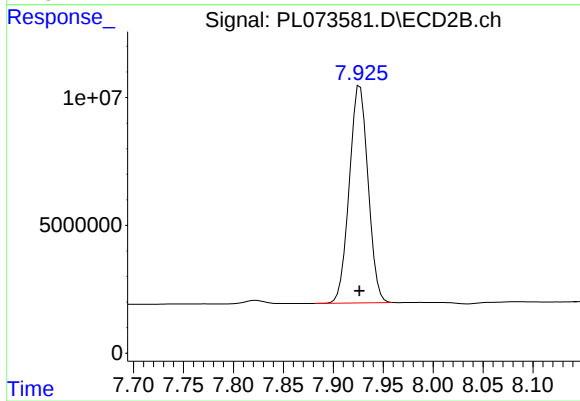
#7 delta-BHC

R.T.: 6.947 min
Delta R.T.: 0.001 min
Response: 117870915
Conc: 54.73 ng/ml



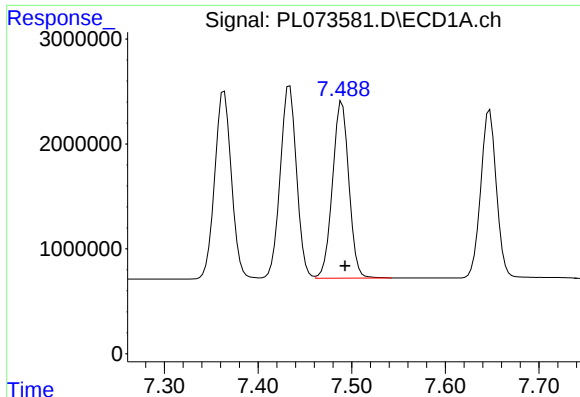
#8 Heptachlor epoxide

R.T.: 7.086 min
Delta R.T.: -0.004 min
Response: 21687440
Conc: 50.32 ng/ml



#8 Heptachlor epoxide

R.T.: 7.927 min
Delta R.T.: 0.000 min
Response: 111054307
Conc: 55.60 ng/ml



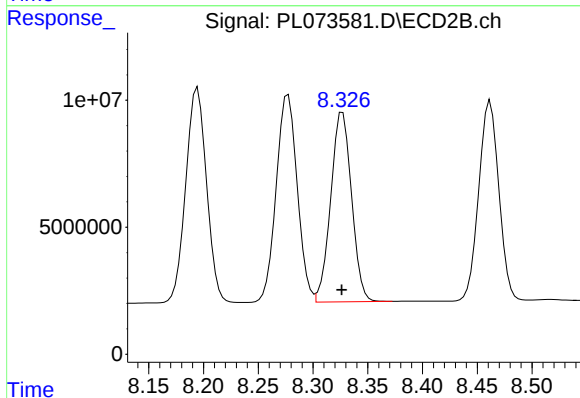
#9 Endosulfan I

R.T.: 7.490 min
Delta R.T.: -0.003 min
Response: 20523378
Conc: 50.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143516BS

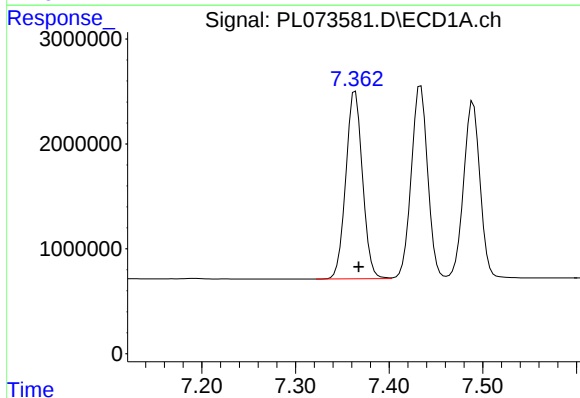
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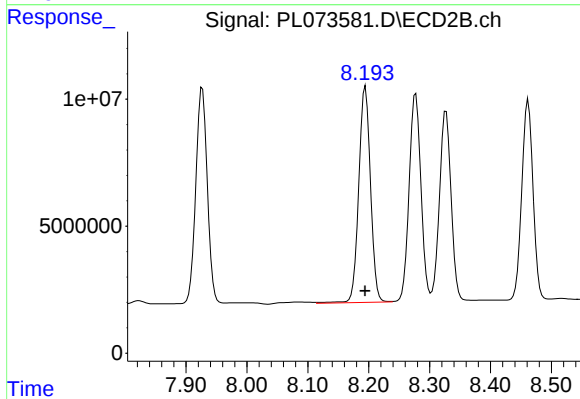
#9 Endosulfan I

R.T.: 8.327 min
Delta R.T.: 0.000 min
Response: 98774469
Conc: 54.11 ng/ml



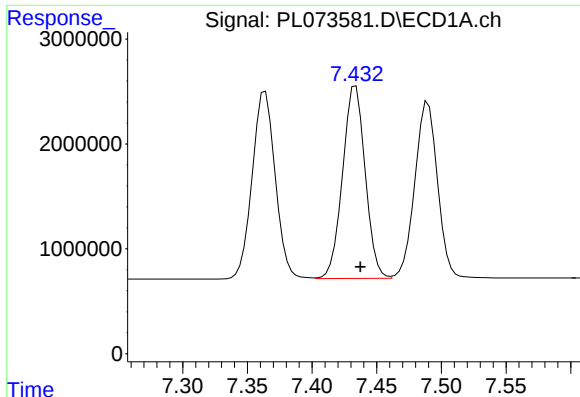
#10 gamma-Chlordane

R.T.: 7.364 min
Delta R.T.: -0.004 min
Response: 22165023
Conc: 50.69 ng/ml



#10 gamma-Chlordane

R.T.: 8.195 min
Delta R.T.: 0.000 min
Response: 113888257
Conc: 55.76 ng/ml



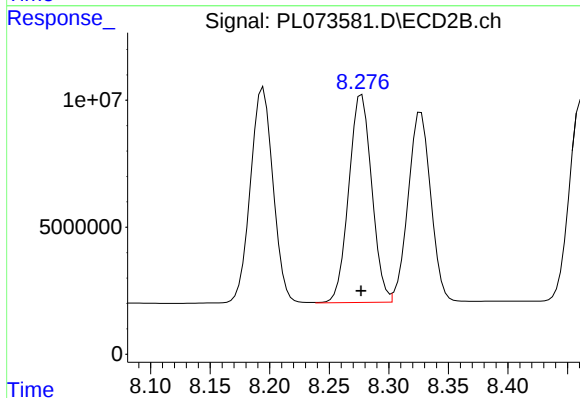
#11 alpha-Chlordane

R.T.: 7.434 min
Delta R.T.: -0.004 min
Response: 22306044
Conc: 50.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143516BS

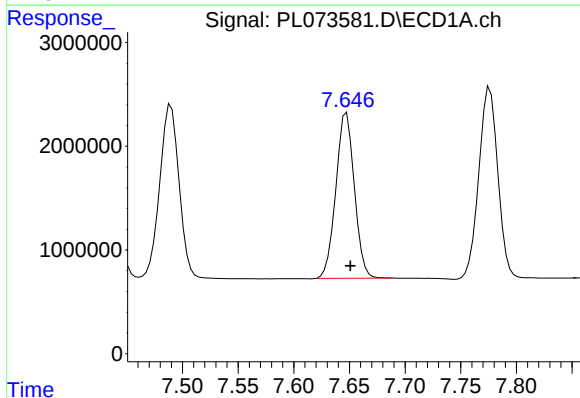
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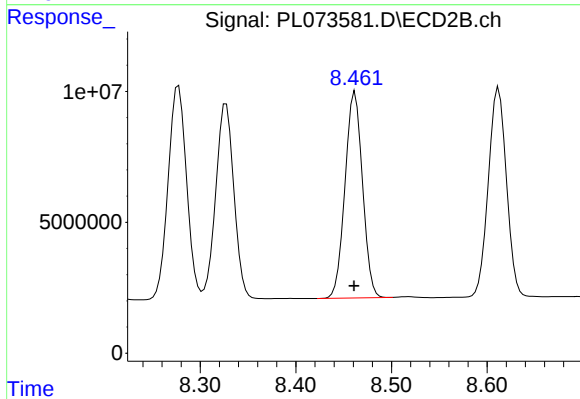
#11 alpha-Chlordane

R.T.: 8.277 min
Delta R.T.: 0.000 min
Response: 109874826
Conc: 54.94 ng/ml



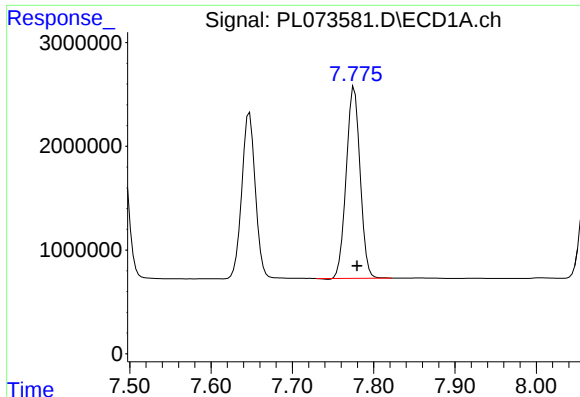
#12 4,4'-DDE

R.T.: 7.647 min
Delta R.T.: -0.003 min
Response: 18451436
Conc: 51.42 ng/ml



#12 4,4'-DDE

R.T.: 8.462 min
Delta R.T.: 0.001 min
Response: 100543837
Conc: 56.10 ng/ml



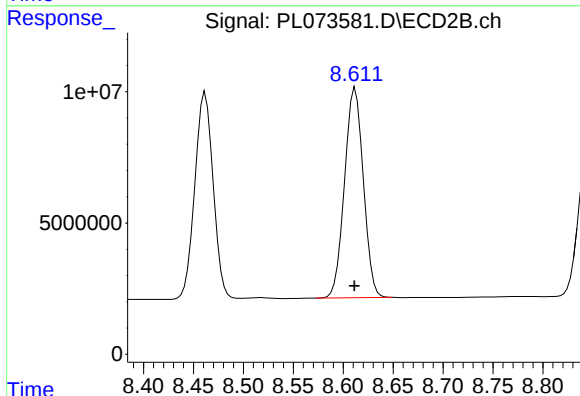
#13 Dieldrin

R.T.: 7.776 min
Delta R.T.: -0.003 min
Response: 21840285
Conc: 52.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143516BS

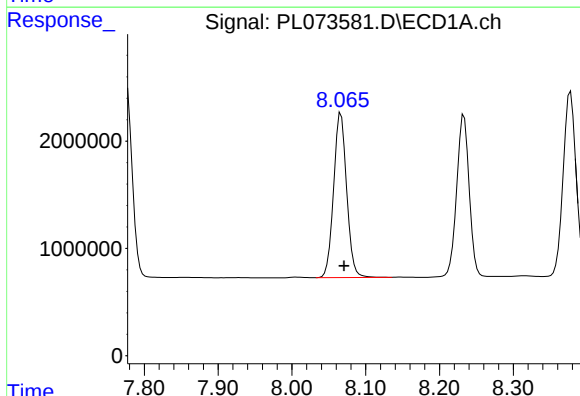
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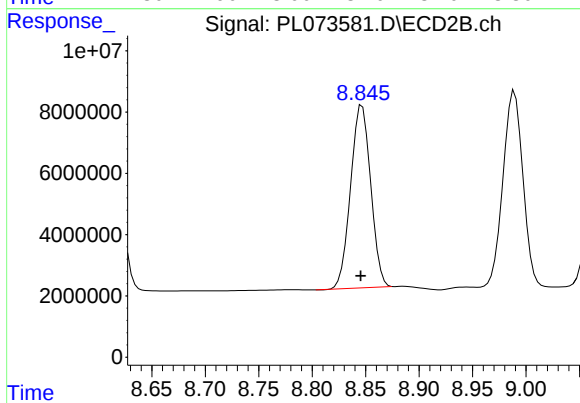
#13 Dieldrin

R.T.: 8.612 min
Delta R.T.: 0.000 min
Response: 104853619
Conc: 56.84 ng/ml



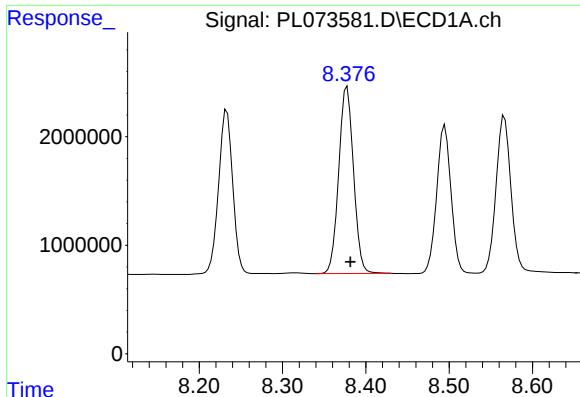
#14 Endrin

R.T.: 8.066 min
Delta R.T.: -0.004 min
Response: 18893355
Conc: 48.69 ng/ml



#14 Endrin

R.T.: 8.847 min
Delta R.T.: 0.001 min
Response: 78203416
Conc: 50.80 ng/ml



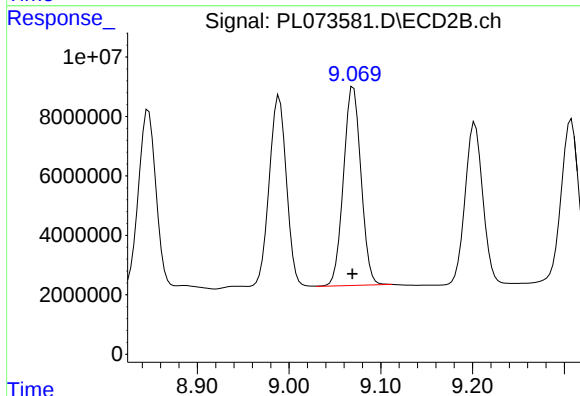
#15 Endosulfan II

R.T.: 8.378 min
Delta R.T.: -0.004 min
Response: 21246903
Conc: 54.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143516BS

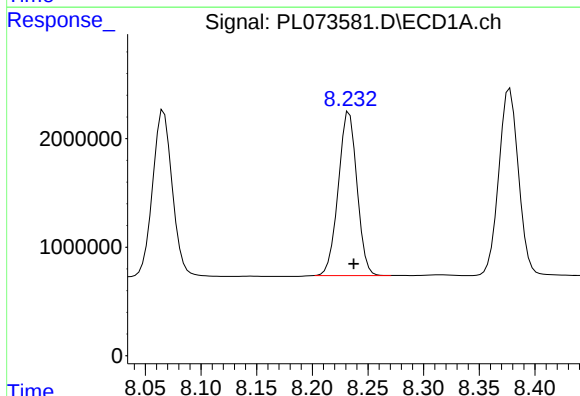
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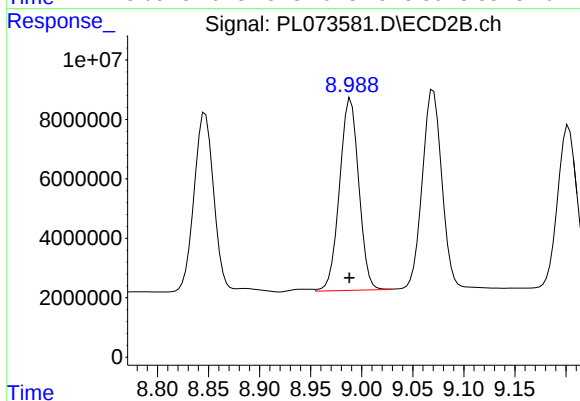
#15 Endosulfan II

R.T.: 9.070 min
Delta R.T.: 0.001 min
Response: 88582779
Conc: 57.68 ng/ml



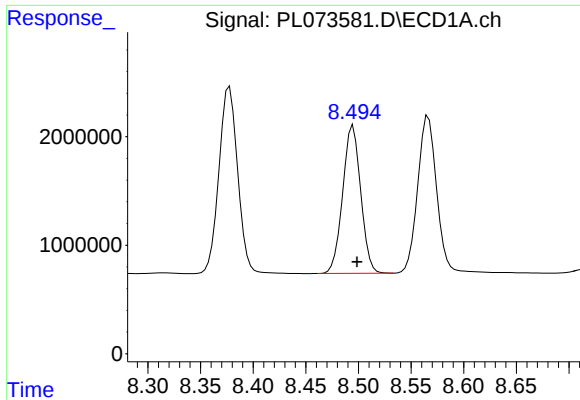
#16 4,4'-DDD

R.T.: 8.233 min
Delta R.T.: -0.004 min
Response: 17647417
Conc: 54.34 ng/ml



#16 4,4'-DDD

R.T.: 8.989 min
Delta R.T.: 0.001 min
Response: 84666629
Conc: 58.00 ng/ml



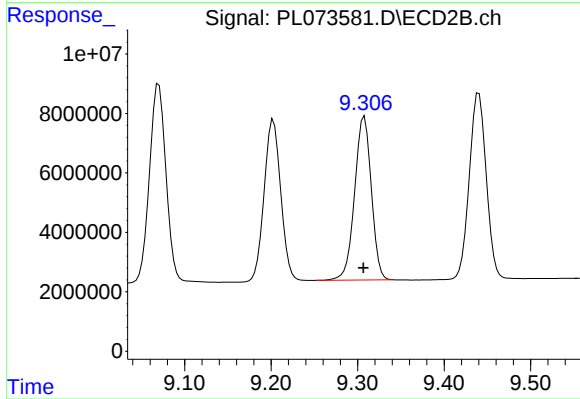
#17 4,4'-DDT

R.T.: 8.495 min
Delta R.T.: -0.004 min
Response: 16295169
Conc: 43.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143516BS

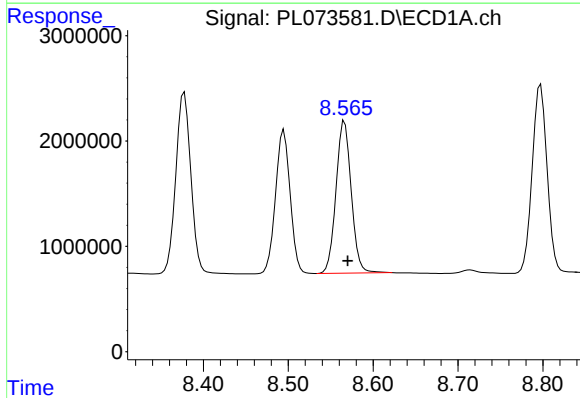
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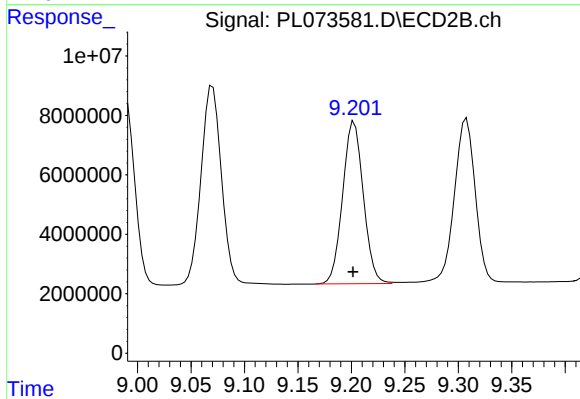
#17 4,4'-DDT

R.T.: 9.308 min
Delta R.T.: 0.001 min
Response: 73868289
Conc: 45.19 ng/ml



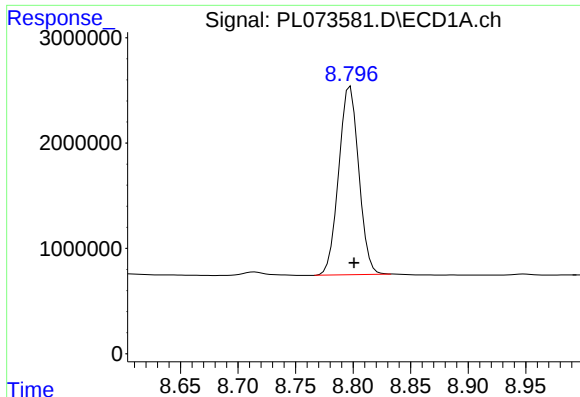
#18 Endrin aldehyde

R.T.: 8.566 min
Delta R.T.: -0.003 min
Response: 17997521
Conc: 56.91 ng/ml



#18 Endrin aldehyde

R.T.: 9.201 min
Delta R.T.: 0.000 min
Response: 73560747
Conc: 59.99 ng/ml m



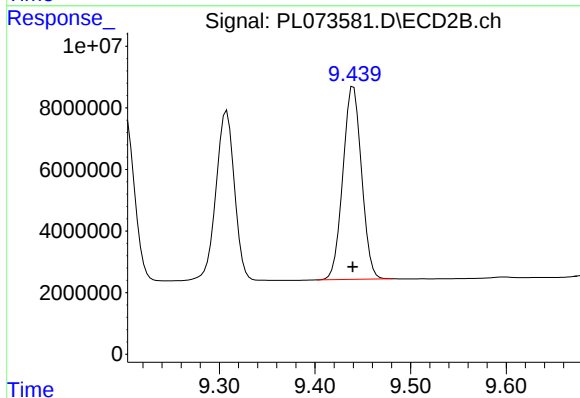
#19 Endosulfan Sulfate

R.T.: 8.796 min
Delta R.T.: -0.005 min
Response: 21742601
Conc: 51.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143516BS

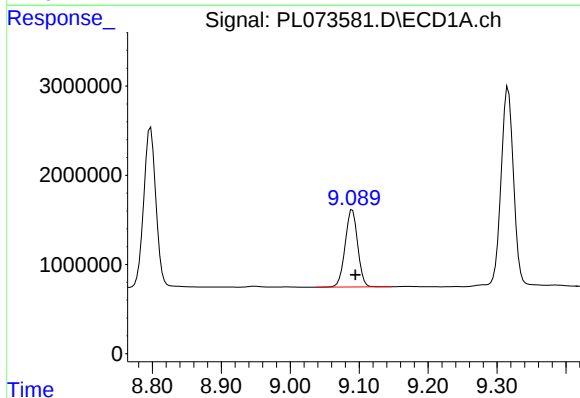
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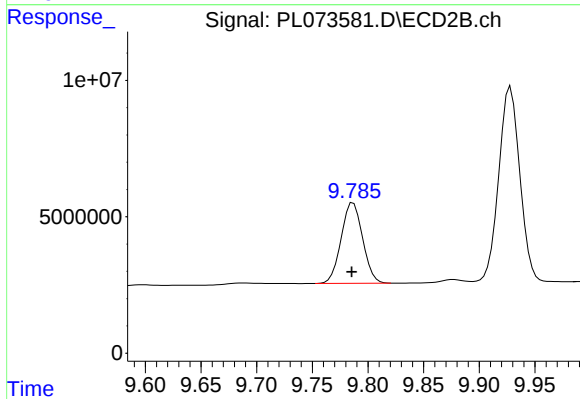
#19 Endosulfan Sulfate

R.T.: 9.440 min
Delta R.T.: 0.000 min
Response: 85272280
Conc: 54.10 ng/ml



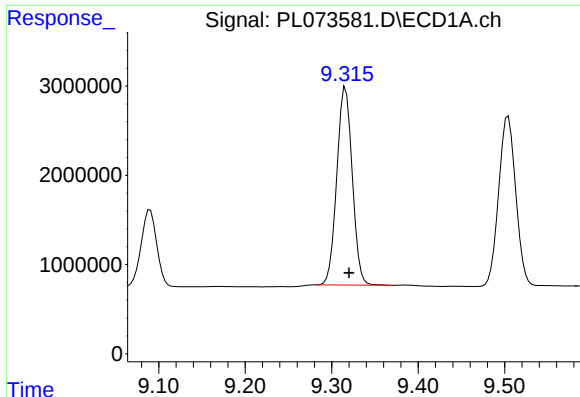
#20 Methoxychlor

R.T.: 9.090 min
Delta R.T.: -0.004 min
Response: 10975193
Conc: 42.78 ng/ml



#20 Methoxychlor

R.T.: 9.787 min
Delta R.T.: 0.001 min
Response: 39761112
Conc: 44.13 ng/ml



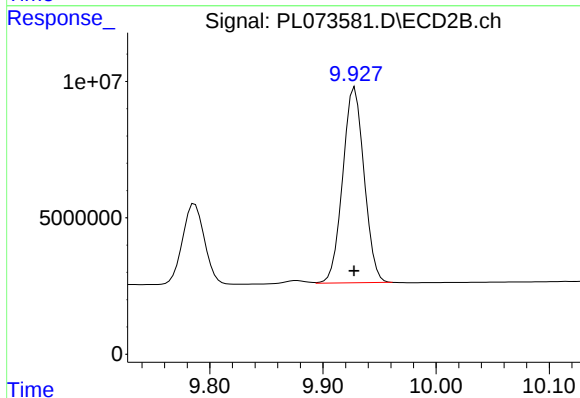
#21 Endrin ketone

R.T.: 9.316 min
Delta R.T.: -0.004 min
Response: 27408839
Conc: 56.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143516BS

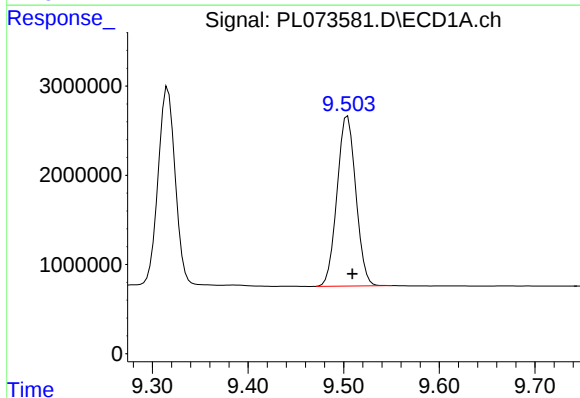
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/23/2022
Supervised By :mohammad ahmed 03/23/2022



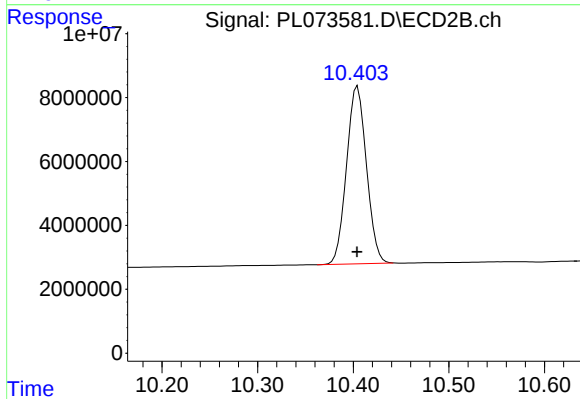
#21 Endrin ketone

R.T.: 9.928 min
Delta R.T.: 0.000 min
Response: 94069292
Conc: 56.99 ng/ml



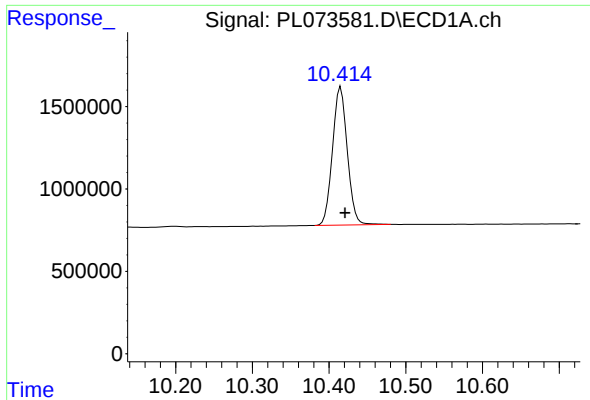
#22 Mirex

R.T.: 9.504 min
Delta R.T.: -0.005 min
Response: 26016454
Conc: 55.17 ng/ml



#22 Mirex

R.T.: 10.405 min
Delta R.T.: 0.000 min
Response: 80717171
Conc: 59.42 ng/ml



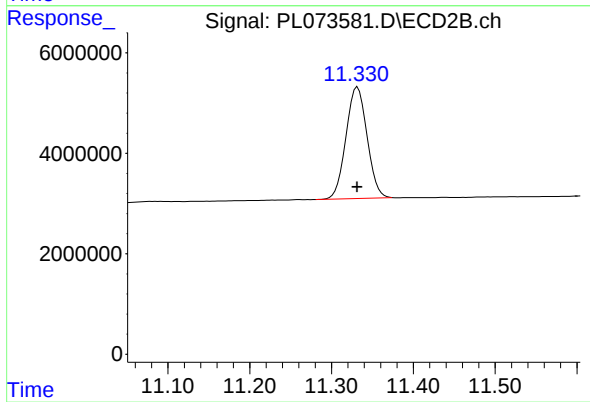
#28 Decachlorobiphenyl

R.T.: 10.415 min
Delta R.T.: -0.006 min
Response: 11236371
Conc: 22.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143516BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/23/2022
Supervised By :mohammad ahmed 03/23/2022



#28 Decachlorobiphenyl

R.T.: 11.332 min
Delta R.T.: 0.000 min
Response: 39672503
Conc: 22.19 ng/ml