

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041522\
 Data File : PL074111.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Apr 2022 15:43
 Operator : AR\AJ
 Sample : PB144138BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB144138BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/18/2022
 Supervised By : mohammad ahmed 04/18/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 16 03:40:58 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL040822.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 14 09:29:23 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...	4.637	5.490	7375306	40281884	22.826	22.593
28)	SA Decachlor...	10.409	11.334	10722514	35272015	20.619	19.969
Target Compounds							
2)	A alpha-BHC	5.345	6.054	24297119	151.7E6	57.897	60.250
3)	MA gamma-BHC...	5.769	6.443	23592837	142.1E6	56.254	60.029
4)	MA Heptachlor	6.180	7.102	24622264	147.9E6	54.660	56.708
5)	MB Aldrin	6.503	7.470	23101053	140.2E6	55.659m	59.681
6)	B beta-BHC	6.149	6.680	11634081	63155364	56.938	56.038
7)	B delta-BHC	6.410	6.947	22998397	138.9E6	55.596m	56.891
8)	B Heptachlo...	7.081	7.926	24042595	130.9E6	56.052	58.143
9)	A Endosulfan I	7.484	8.327	22995559	115.1E6	56.070	58.451
10)	B gamma-Chl...	7.359	8.195	24237648	127.3E6	55.263	57.083
11)	B alpha-Chl...	7.428	8.277	24550495	124.3E6	55.573	57.753
12)	B 4,4'-DDE	7.643	8.462	20931458	118.1E6	57.375	59.283
13)	MA Dieldrin	7.770	8.612	23243583	116.1E6	54.109m	57.888
14)	MA Endrin	8.062	8.846	23132520	98725302	56.944	58.291
15)	B Endosulfa...	8.373	9.070	22047356	93083837	53.492	53.582
16)	A 4,4'-DDD	8.228	8.989	19637922	96730662	60.812	62.869
17)	MA 4,4'-DDT	8.490	9.308	19017442	87633654	51.449	49.436
18)	B Endrin al...	8.561	9.203	17478305	70039189	54.020	54.226
19)	B Endosulfa...	8.792	9.441	22993854	90633429	53.847	54.457
20)	A Methoxychlor	9.085	9.788	12375039	45842599	49.845	47.661
21)	B Endrin ke...	9.312	9.929	27382358	88516193	56.048	51.138
22)	Mirex	9.499	10.406	27192917	80343152	58.303	58.329

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041522\
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 Acq On : 15 Apr 2022 15:43
 Operator : AR\AJ
 Sample : PB144138BS
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 ALS Vial : 15 Sample Multiplier: 1

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ECD_L

ClientSampleId :

PB144138BS

Manual Integrations

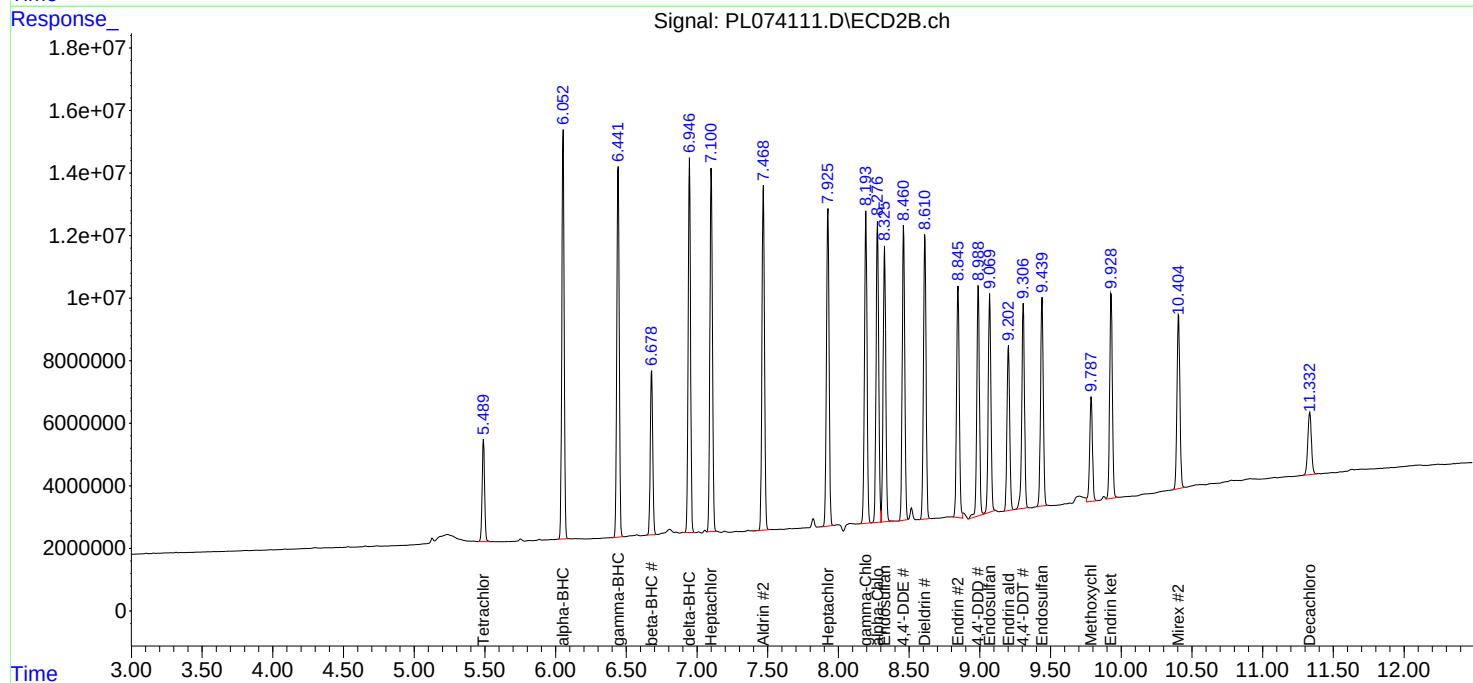
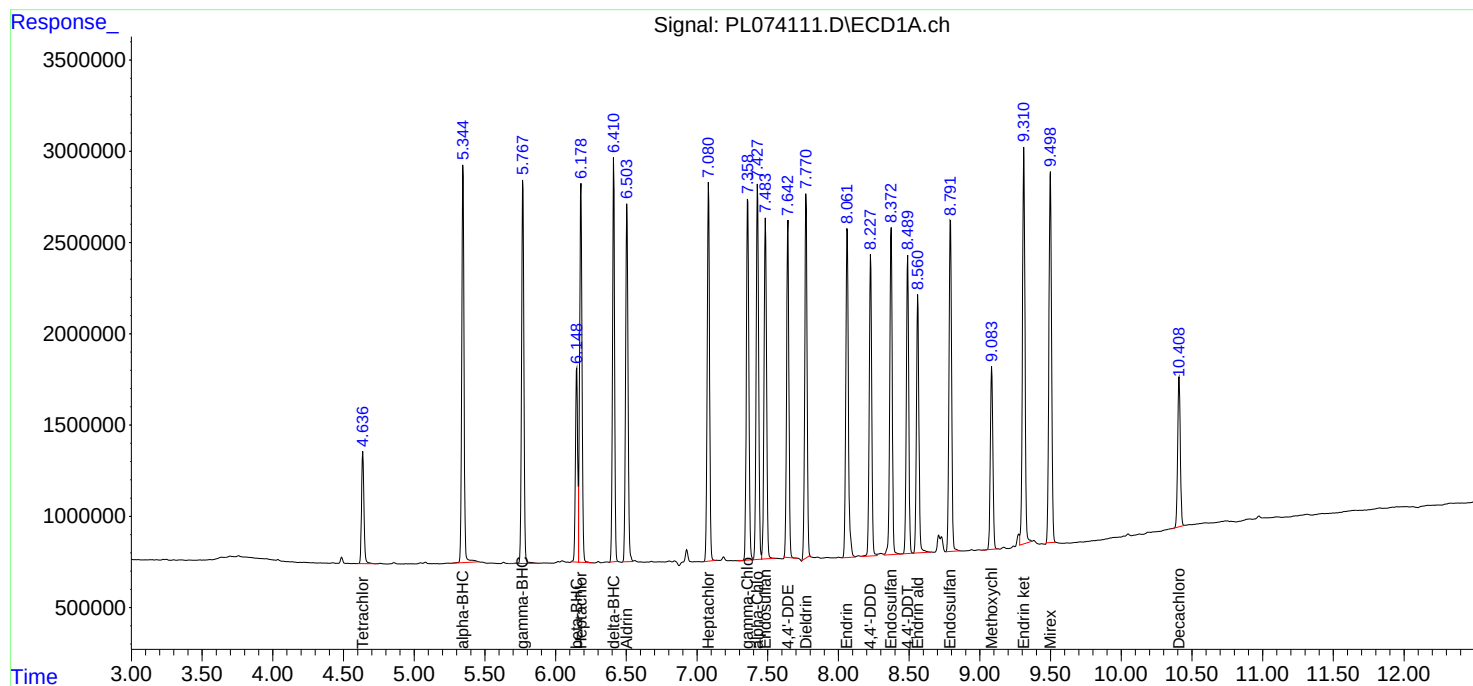
APPROVED

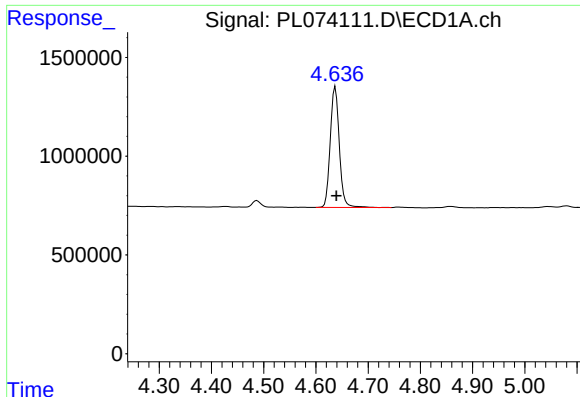
Reviewed By :Abdul Mirza 04/18/2022

Supervised By :mohammad ahmed 04/18/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 16 03:40:58 2022
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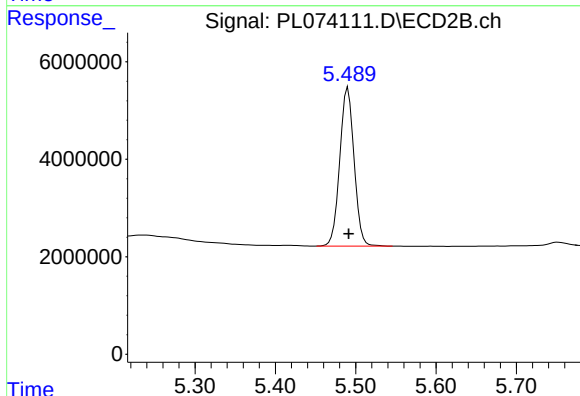
#1 Tetrachloro-m-xylene

R.T.: 4.637 min
Delta R.T.: -0.002 min
Response: 7375306
Conc: 22.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144138BS

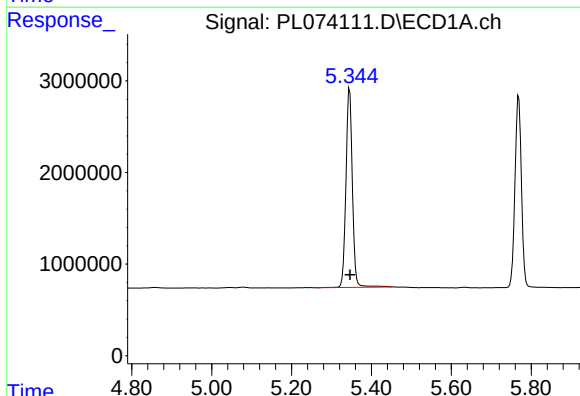
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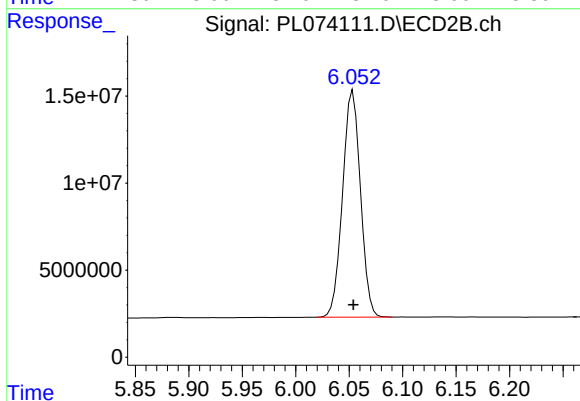
#1 Tetrachloro-m-xylene

R.T.: 5.490 min
Delta R.T.: -0.001 min
Response: 40281884
Conc: 22.59 ng/ml



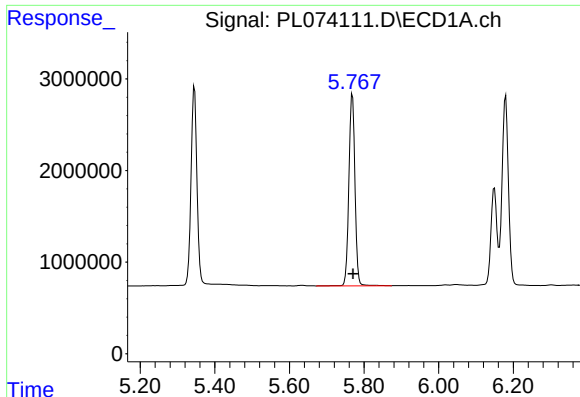
#2 alpha-BHC

R.T.: 5.345 min
Delta R.T.: -0.001 min
Response: 24297119
Conc: 57.90 ng/ml



#2 alpha-BHC

R.T.: 6.054 min
Delta R.T.: 0.000 min
Response: 151714704
Conc: 60.25 ng/ml



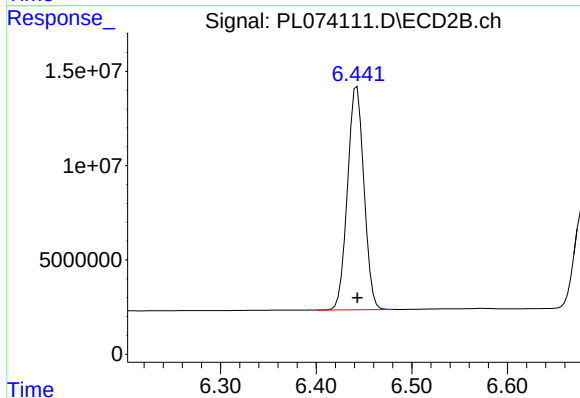
#3 gamma-BHC (Lindane)

R.T.: 5.769 min
Delta R.T.: -0.001 min
Response: 23592837
Conc: 56.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144138BS

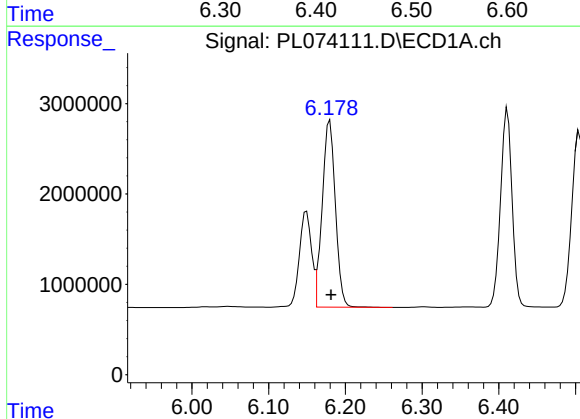
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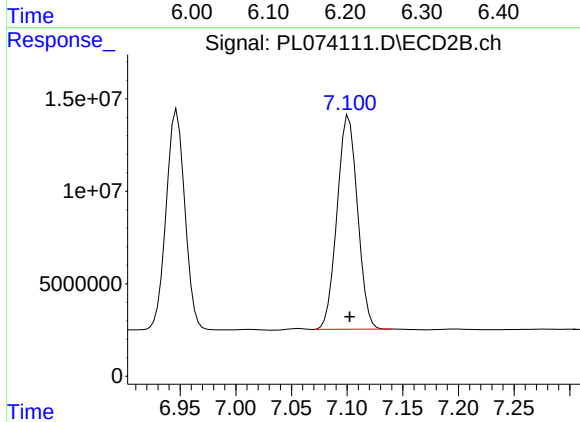
#3 gamma-BHC (Lindane)

R.T.: 6.443 min
Delta R.T.: 0.000 min
Response: 142094787
Conc: 60.03 ng/ml



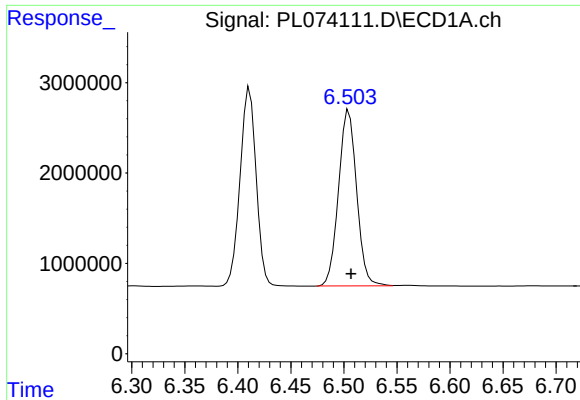
#4 Heptachlor

R.T.: 6.180 min
Delta R.T.: -0.002 min
Response: 24622264
Conc: 54.66 ng/ml



#4 Heptachlor

R.T.: 7.102 min
Delta R.T.: 0.000 min
Response: 147919266
Conc: 56.71 ng/ml



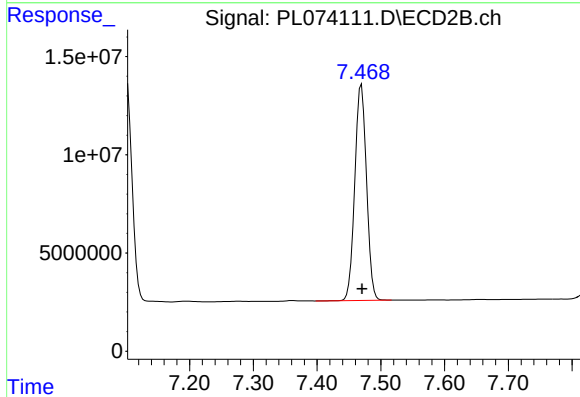
#5 Aldrin

R.T.: 6.503 min
Delta R.T.: -0.003 min
Response: 23101053
Conc: 55.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144138BS

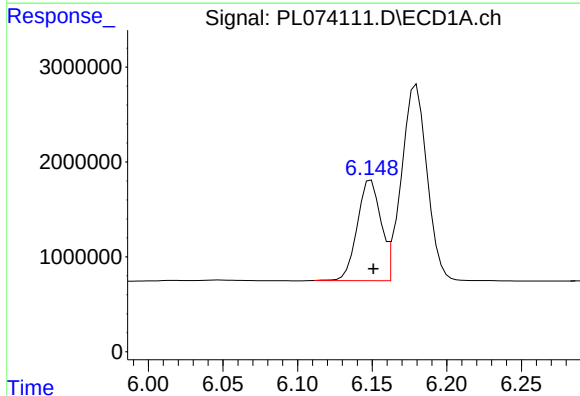
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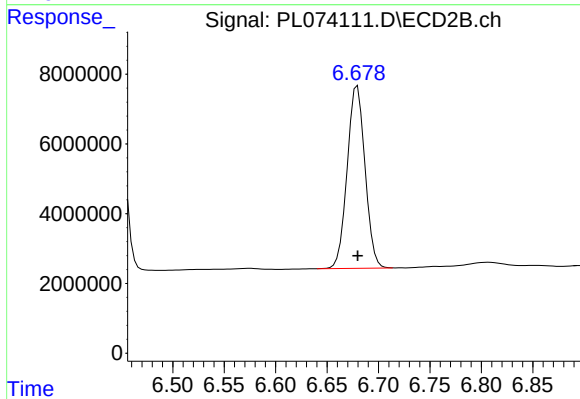
#5 Aldrin

R.T.: 7.470 min
Delta R.T.: -0.001 min
Response: 140167264
Conc: 59.68 ng/ml



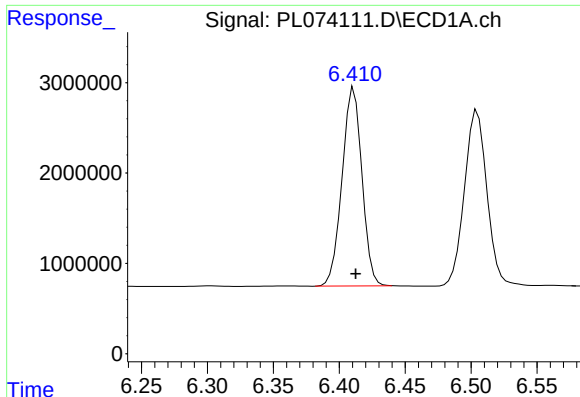
#6 beta-BHC

R.T.: 6.149 min
Delta R.T.: -0.002 min
Response: 11634081
Conc: 56.94 ng/ml



#6 beta-BHC

R.T.: 6.680 min
Delta R.T.: 0.000 min
Response: 63155364
Conc: 56.04 ng/ml



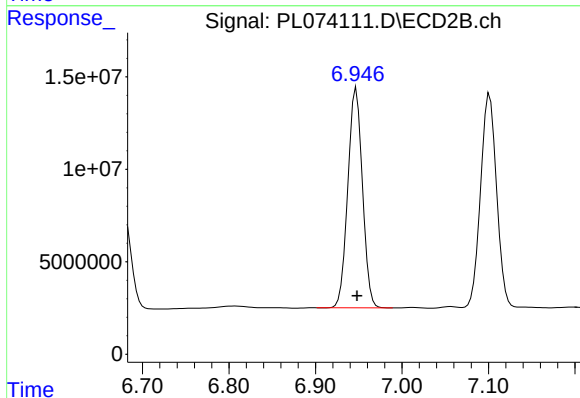
#7 delta-BHC

R.T.: 6.410 min
Delta R.T.: -0.003 min
Response: 22998397
Conc: 55.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144138BS

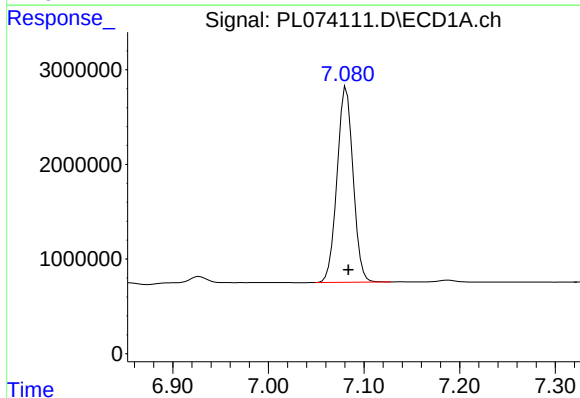
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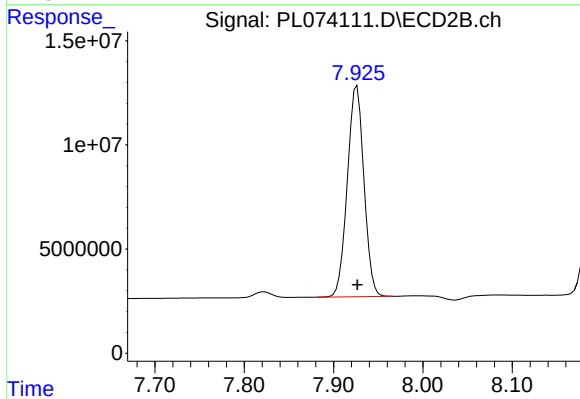
#7 delta-BHC

R.T.: 6.947 min
Delta R.T.: 0.000 min
Response: 138944276
Conc: 56.89 ng/ml



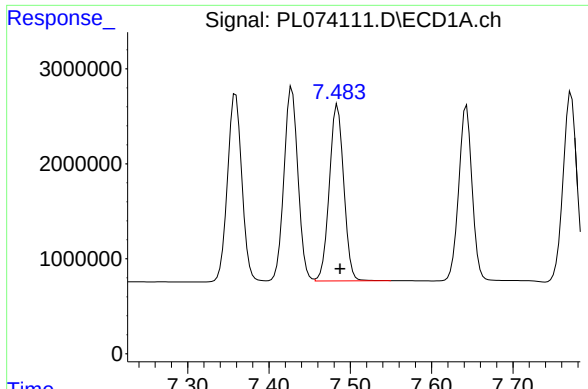
#8 Heptachlor epoxide

R.T.: 7.081 min
Delta R.T.: -0.002 min
Response: 24042595
Conc: 56.05 ng/ml



#8 Heptachlor epoxide

R.T.: 7.926 min
Delta R.T.: 0.000 min
Response: 130912136
Conc: 58.14 ng/ml



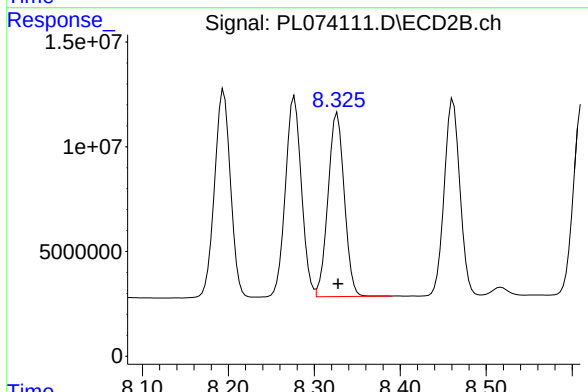
#9 Endosulfan I

R.T.: 7.484 min
Delta R.T.: -0.003 min
Response: 22995559
Conc: 56.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144138BS

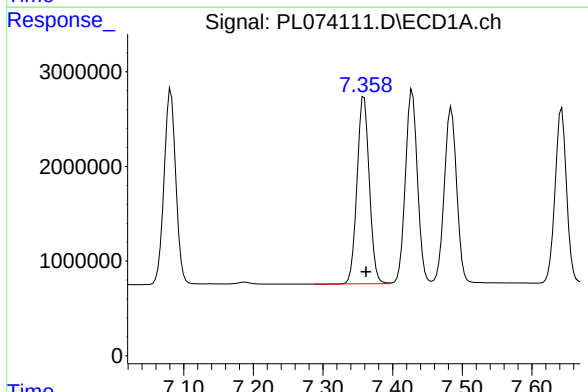
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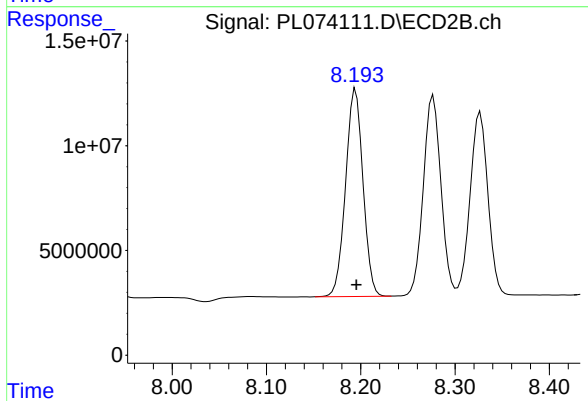
#9 Endosulfan I

R.T.: 8.327 min
Delta R.T.: 0.000 min
Response: 115070878
Conc: 58.45 ng/ml



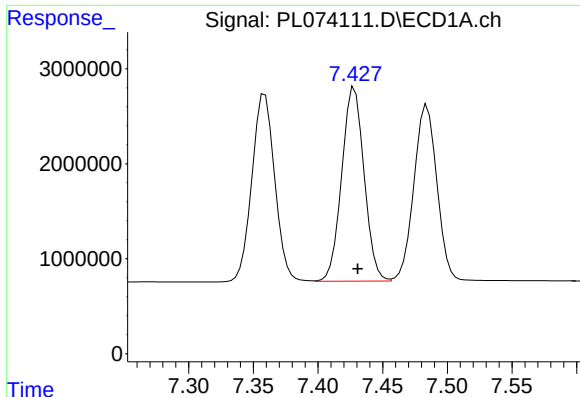
#10 gamma-Chlordane

R.T.: 7.359 min
Delta R.T.: -0.003 min
Response: 24237648
Conc: 55.26 ng/ml



#10 gamma-Chlordane

R.T.: 8.195 min
Delta R.T.: 0.000 min
Response: 127315046
Conc: 57.08 ng/ml



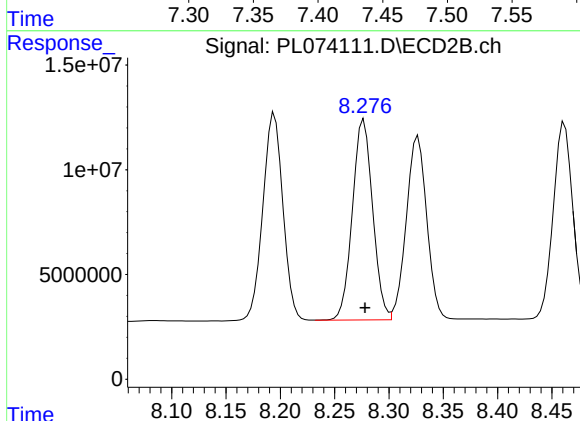
#11 alpha-Chlordane

R.T.: 7.428 min
Delta R.T.: -0.002 min
Response: 24550495
Conc: 55.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144138BS

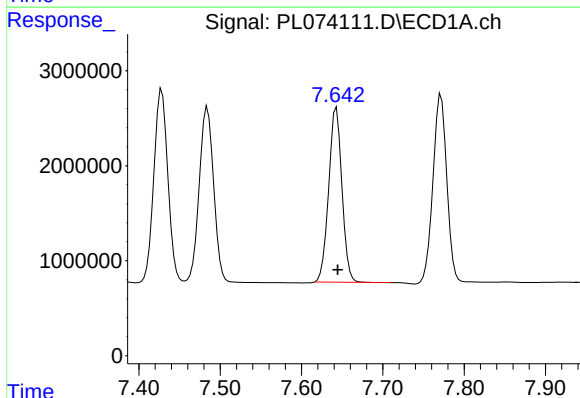
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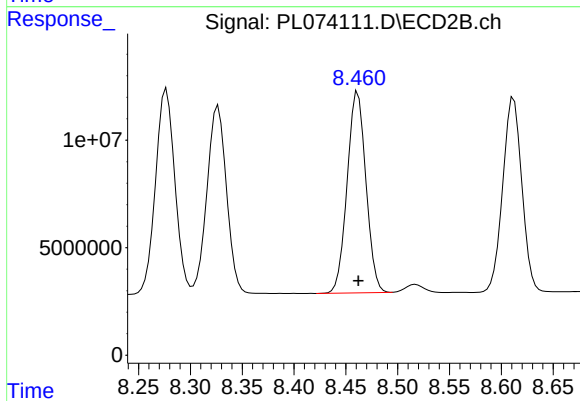
#11 alpha-Chlordane

R.T.: 8.277 min
Delta R.T.: -0.001 min
Response: 124318925
Conc: 57.75 ng/ml



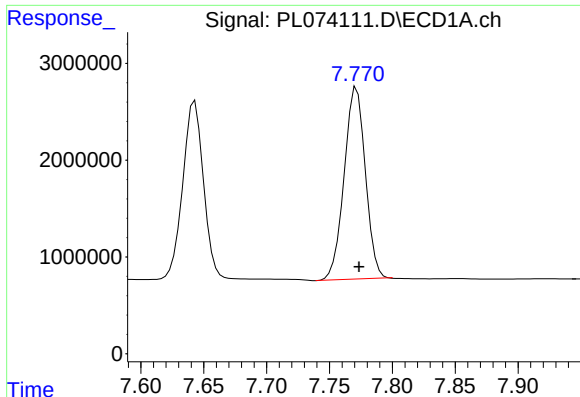
#12 4,4'-DDE

R.T.: 7.643 min
Delta R.T.: -0.002 min
Response: 20931458
Conc: 57.38 ng/ml



#12 4,4'-DDE

R.T.: 8.462 min
Delta R.T.: 0.000 min
Response: 118073324
Conc: 59.28 ng/ml



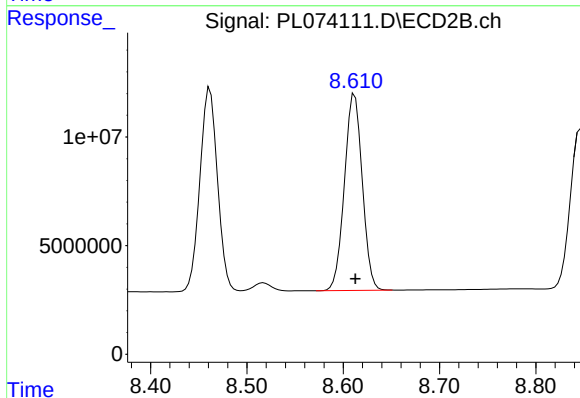
#13 Dieldrin

R.T.: 7.770 min
Delta R.T.: -0.003 min
Response: 23243583
Conc: 54.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144138BS

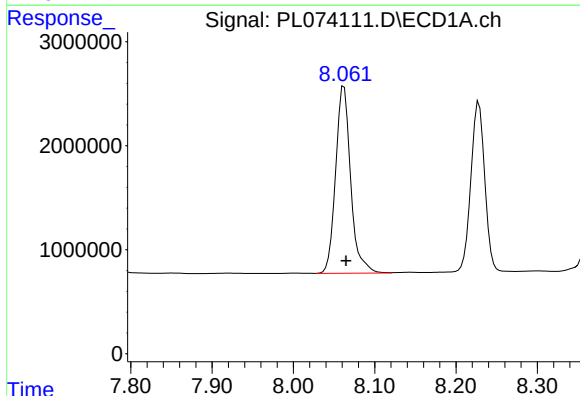
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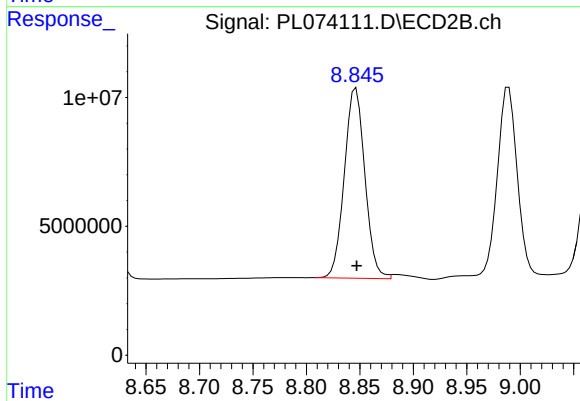
#13 Dieldrin

R.T.: 8.612 min
Delta R.T.: 0.000 min
Response: 116082671
Conc: 57.89 ng/ml



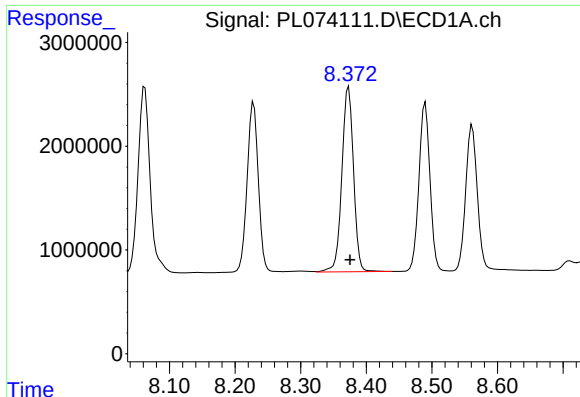
#14 Endrin

R.T.: 8.062 min
Delta R.T.: -0.003 min
Response: 23132520
Conc: 56.94 ng/ml



#14 Endrin

R.T.: 8.846 min
Delta R.T.: 0.000 min
Response: 98725302
Conc: 58.29 ng/ml



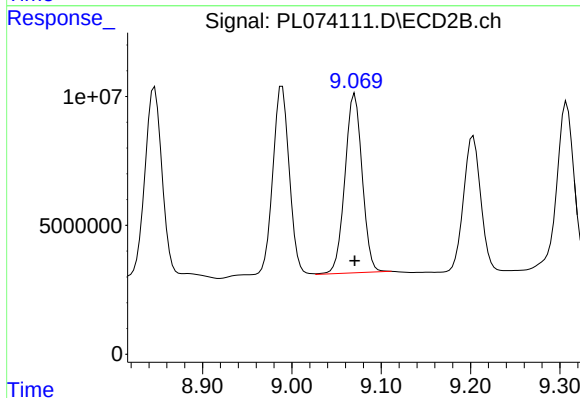
#15 Endosulfan II

R.T.: 8.373 min
Delta R.T.: -0.002 min
Response: 22047356
Conc: 53.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144138BS

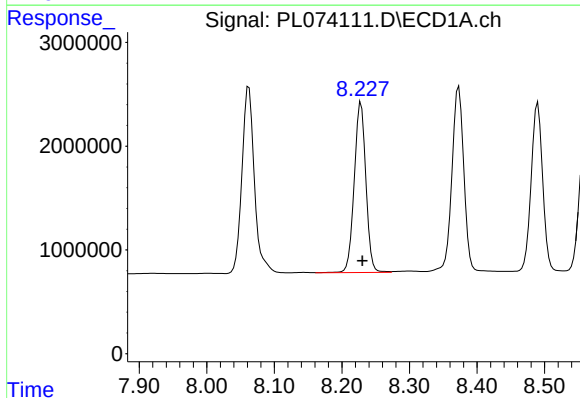
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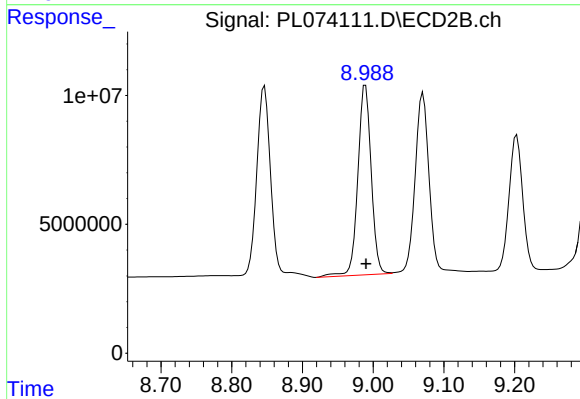
#15 Endosulfan II

R.T.: 9.070 min
Delta R.T.: 0.000 min
Response: 93083837
Conc: 53.58 ng/ml



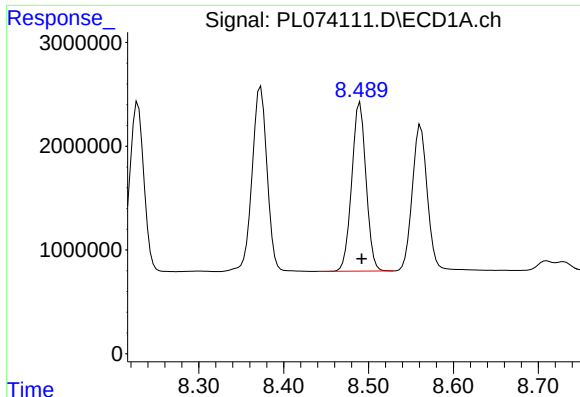
#16 4,4'-DDD

R.T.: 8.228 min
Delta R.T.: -0.002 min
Response: 19637922
Conc: 60.81 ng/ml



#16 4,4'-DDD

R.T.: 8.989 min
Delta R.T.: 0.000 min
Response: 96730662
Conc: 62.87 ng/ml



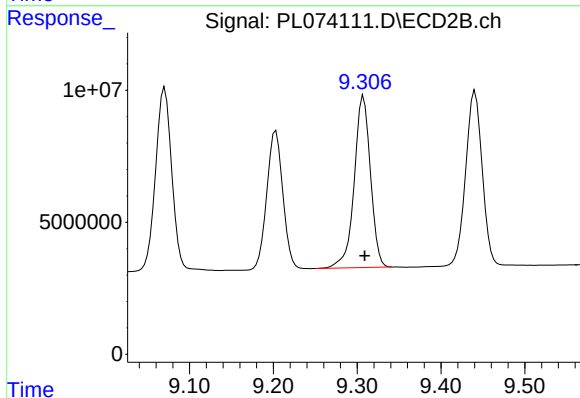
#17 4,4'-DDT

R.T.: 8.490 min
Delta R.T.: -0.002 min
Response: 19017442
Conc: 51.45 ng/ml

Instrument :
ECD_L
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PB144138BS

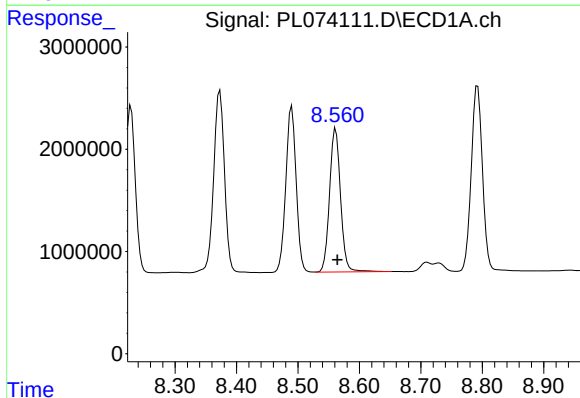
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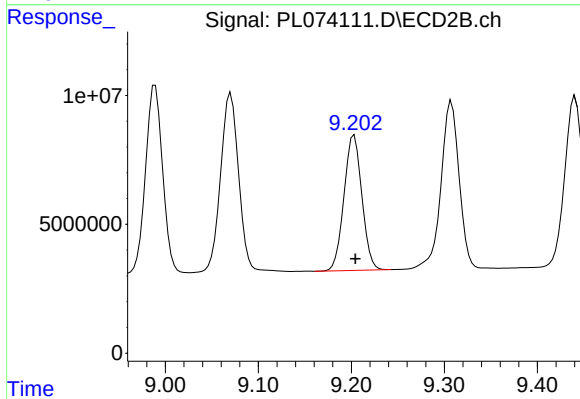
#17 4,4'-DDT

R.T.: 9.308 min
Delta R.T.: -0.001 min
Response: 87633654
Conc: 49.44 ng/ml



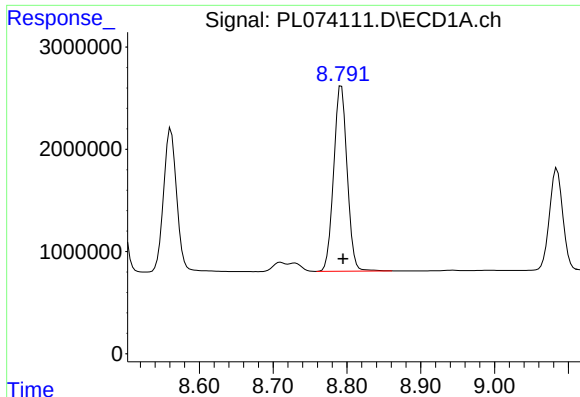
#18 Endrin aldehyde

R.T.: 8.561 min
Delta R.T.: -0.003 min
Response: 17478305
Conc: 54.02 ng/ml



#18 Endrin aldehyde

R.T.: 9.203 min
Delta R.T.: -0.001 min
Response: 70039189
Conc: 54.23 ng/ml



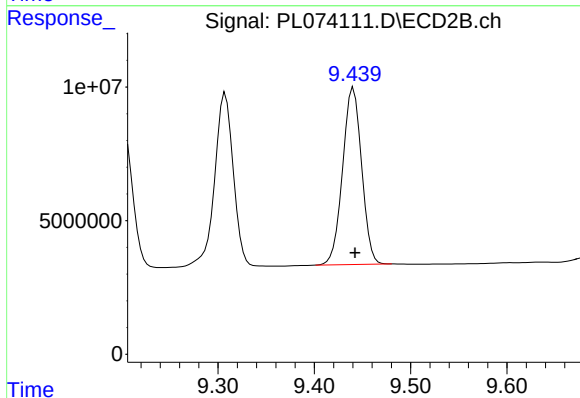
#19 Endosulfan Sulfate

R.T.: 8.792 min
Delta R.T.: -0.003 min
Response: 22993854
Conc: 53.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144138BS

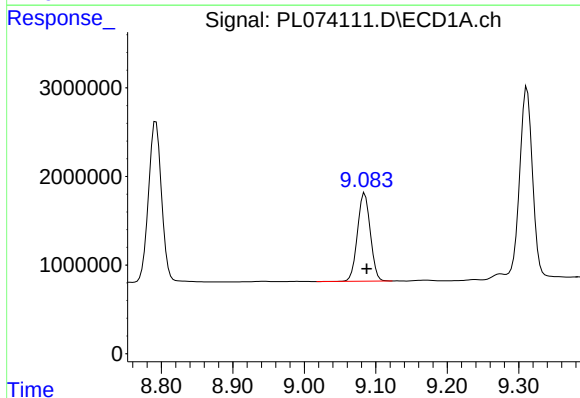
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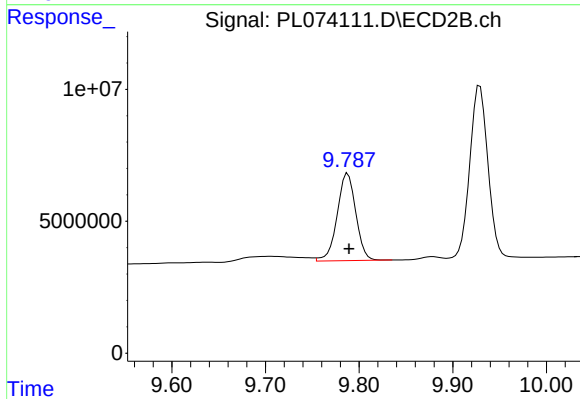
#19 Endosulfan Sulfate

R.T.: 9.441 min
Delta R.T.: -0.002 min
Response: 90633429
Conc: 54.46 ng/ml



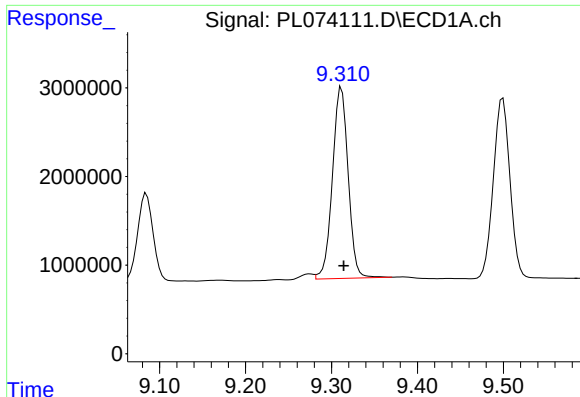
#20 Methoxychlor

R.T.: 9.085 min
Delta R.T.: -0.003 min
Response: 12375039
Conc: 49.85 ng/ml



#20 Methoxychlor

R.T.: 9.788 min
Delta R.T.: -0.001 min
Response: 45842599
Conc: 47.66 ng/ml



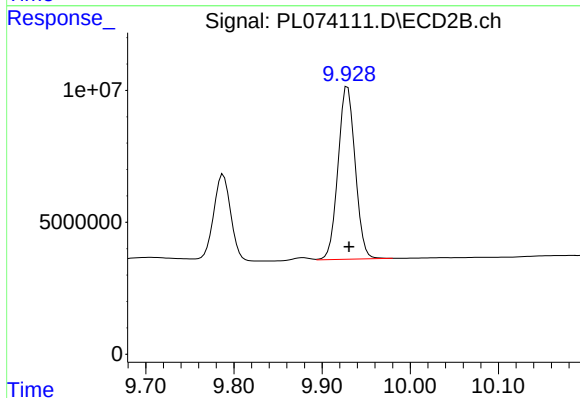
#21 Endrin ketone

R.T.: 9.312 min
Delta R.T.: -0.003 min
Response: 27382358
Conc: 56.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144138BS

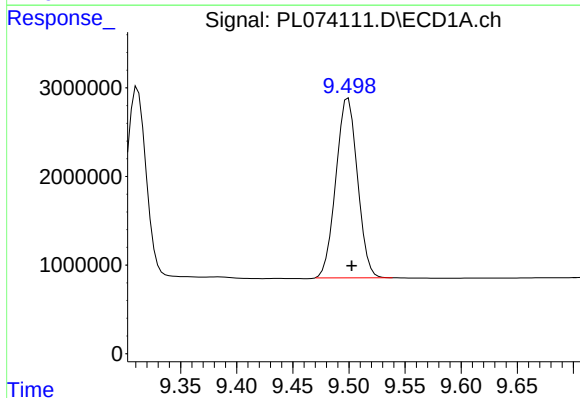
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Reviewed By :Abdul Mirza 04/18/2022
Supervised By :mohammad ahmed 04/18/2022



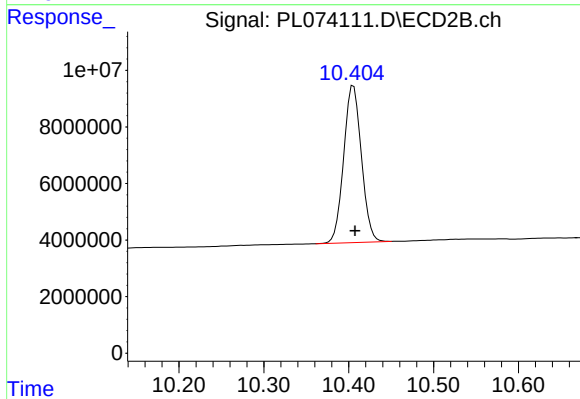
#21 Endrin ketone

R.T.: 9.929 min
Delta R.T.: -0.002 min
Response: 88516193
Conc: 51.14 ng/ml



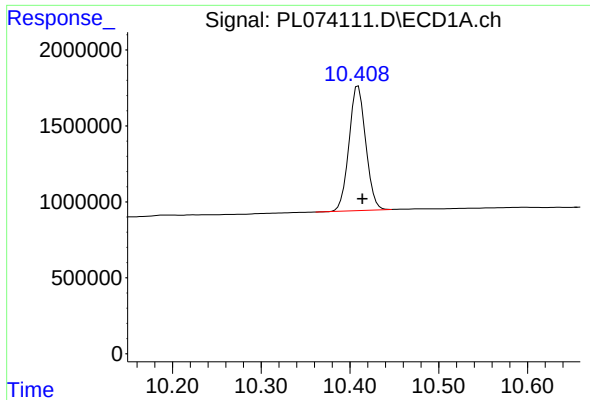
#22 Mirex

R.T.: 9.499 min
Delta R.T.: -0.003 min
Response: 27192917
Conc: 58.30 ng/ml



#22 Mirex

R.T.: 10.406 min
Delta R.T.: -0.002 min
Response: 80343152
Conc: 58.33 ng/ml



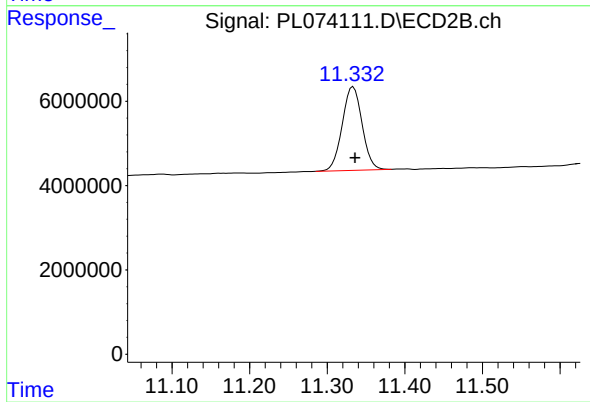
#28 Decachlorobiphenyl

R.T.: 10.409 min
Delta R.T.: -0.005 min
Response: 10722514
Conc: 20.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144138BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/18/2022
Supervised By :mohammad ahmed 04/18/2022



#28 Decachlorobiphenyl

R.T.: 11.334 min
Delta R.T.: -0.002 min
Response: 35272015
Conc: 19.97 ng/ml