

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050222\
 Data File : PL074466.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 May 2022 10:43
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/03/2022
 Supervised By : mohammad ahmed 05/04/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 03 00:59:07 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...	4.640	5.487	17797770	95066936	55.083	53.319
28) SA Decachlor...	10.404	11.333	28480495	95474304	54.767m	54.053
Target Compounds						
2) A alpha-BHC	5.347	6.051	24083650	139.2E6	57.388	55.279
3) MA gamma-BHC...	5.770	6.440	23846185	130.8E6	56.858	55.257
4) MA Heptachlor	6.179	7.099	25349020	139.4E6	56.274	53.424
5) MB Aldrin	6.505	7.468	23966271	131.9E6	57.743	56.175
6) B beta-BHC	6.150	6.677	10918948	57921649	53.439	51.394
7) B delta-BHC	6.411	6.945	23844911	131.4E6	57.642	53.805
8) B Heptachlo...	7.080	7.924	24315896	121.1E6	56.689	53.765
9) A Endosulfan I	7.483	8.325	23511735	111.0E6	57.329	56.376
10) B gamma-Chl...	7.358	8.193	24905749	122.5E6	56.786	54.903
11) B alpha-Chl...	7.428	8.275	25165323	119.5E6	56.964	55.528
12) B 4,4'-DDE	7.641	8.460	21293497	115.1E6	58.367	57.778
13) MA Dieldrin	7.769	8.610	24081711	113.3E6	56.060	56.525
14) MA Endrin	8.060	8.844	22711450	96331987	55.907	56.878
15) B Endosulfa...	8.371	9.069	22310688	91264782	54.131	52.535
16) A 4,4'-DDD	8.226	8.987	18224356	91041271	56.435	59.172
17) MA 4,4'-DDT	8.487	9.306	20958480	95989819	56.700	54.150
18) B Endrin al...	8.560	9.201	17784300	72213032	54.966	55.909
19) B Endosulfa...	8.790	9.440	23467170	90748644	54.955	54.526
20) A Methoxychlor	9.082	9.786	12386977	47925841	49.893	49.827m
21) B Endrin ke...	9.309	9.928	27163027	98166760	55.599	56.713
22) Mirex	9.495	10.405	25117645	75190636	53.854	54.589

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050222\
 Data File : PL074466.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 May 2022 10:43
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

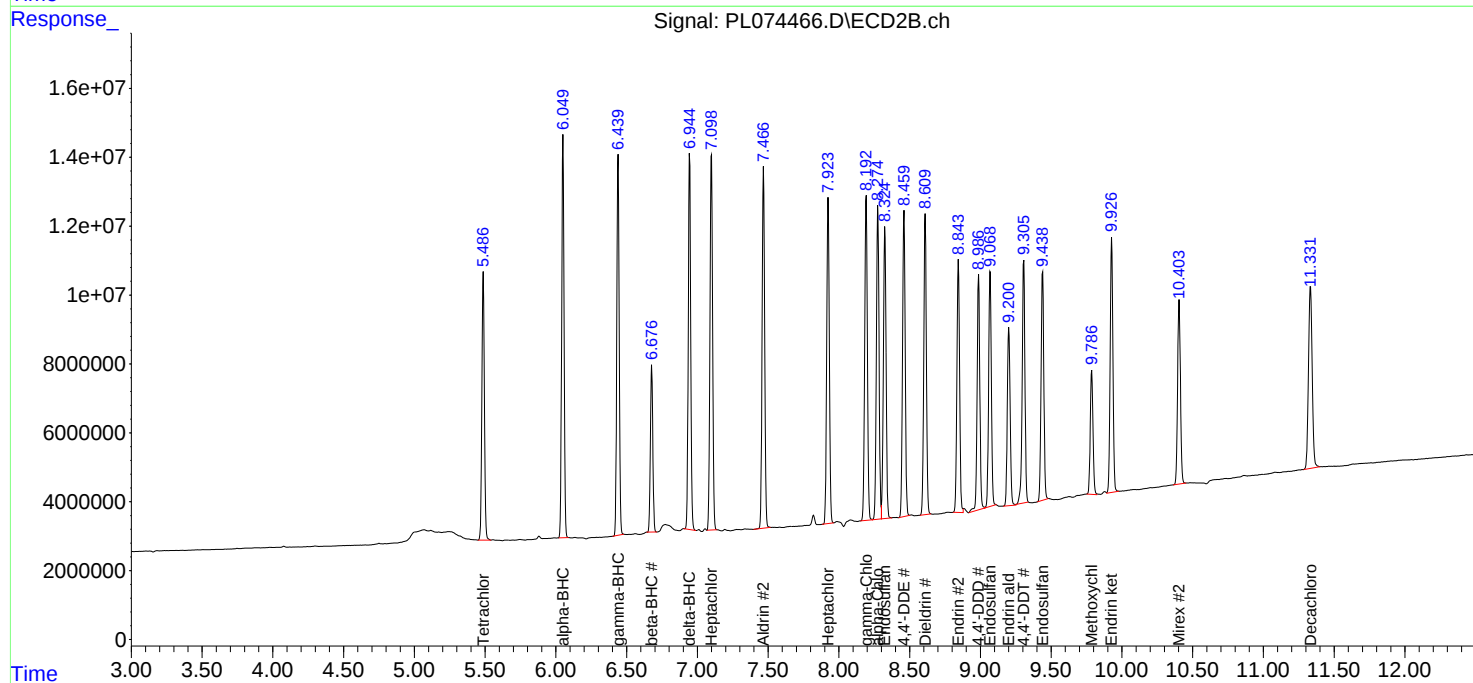
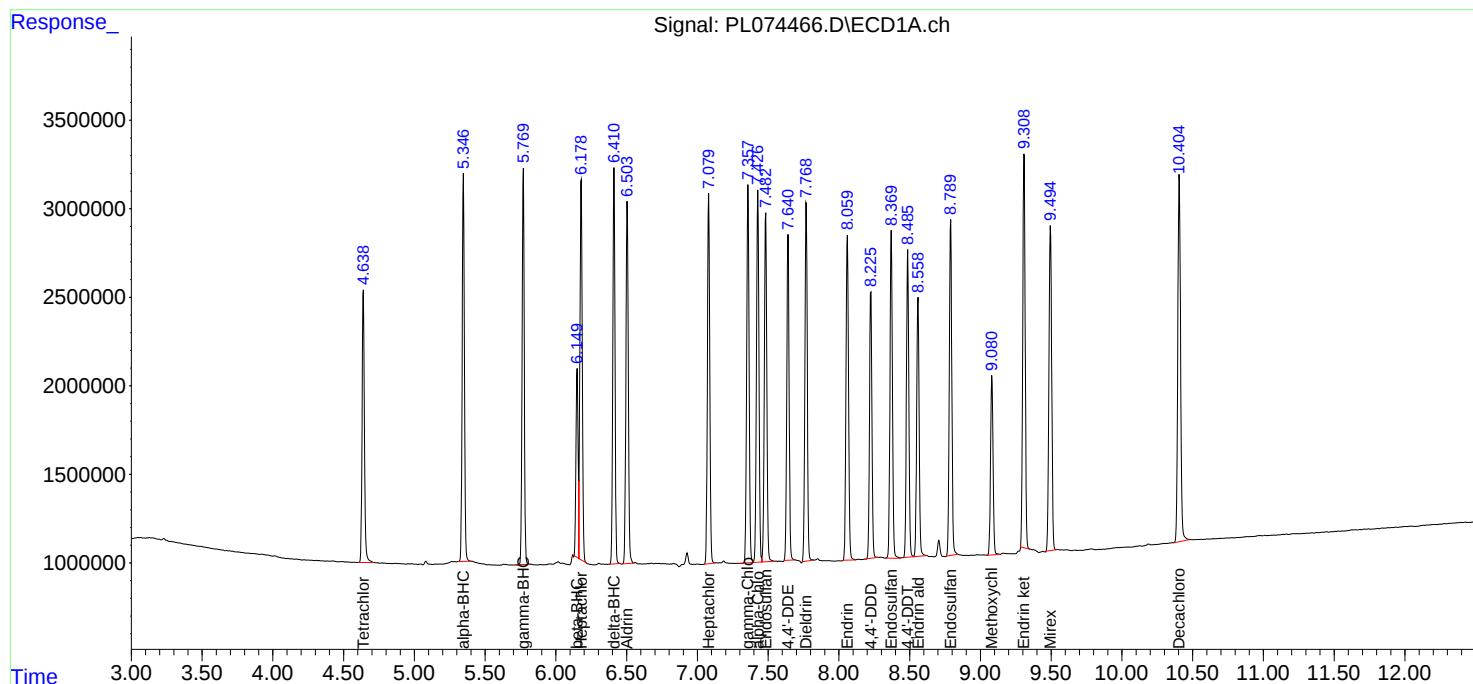
APPROVED

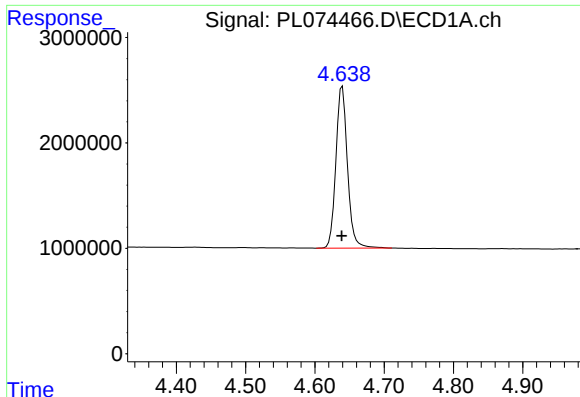
Reviewed By :Abdul Mirza 05/03/2022

Supervised By :mohammad ahmed 05/04/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 03 00:59:07 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL040822.M
 Quant Title : GC Extractables
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Volume Inj. : 1 µl
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





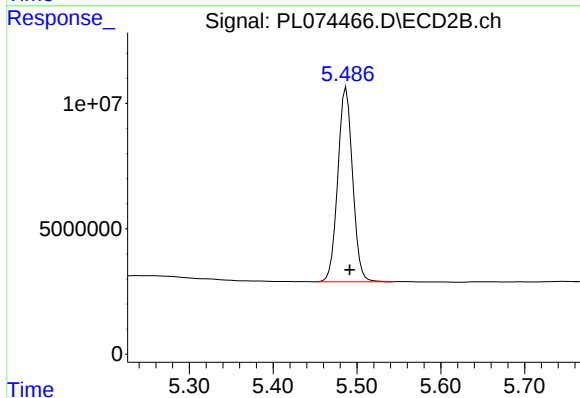
#1 Tetrachloro-m-xylene

R.T.: 4.640 min
Delta R.T.: 0.000 min
Response: 17797770
Conc: 55.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

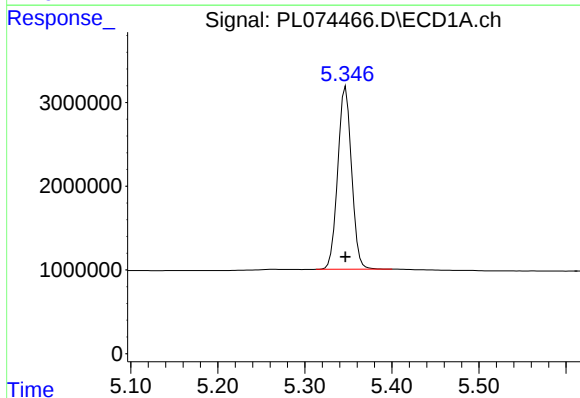
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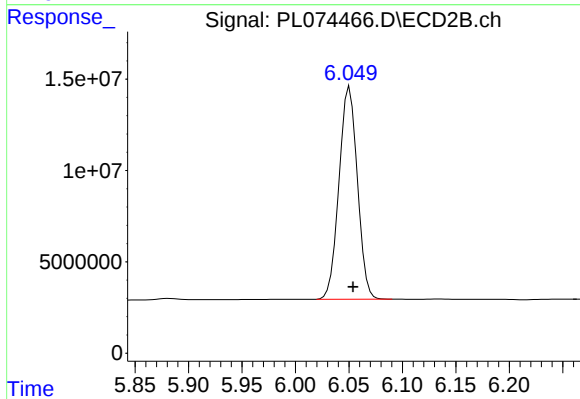
#1 Tetrachloro-m-xylene

R.T.: 5.487 min
Delta R.T.: -0.004 min
Response: 95066936
Conc: 53.32 ng/ml



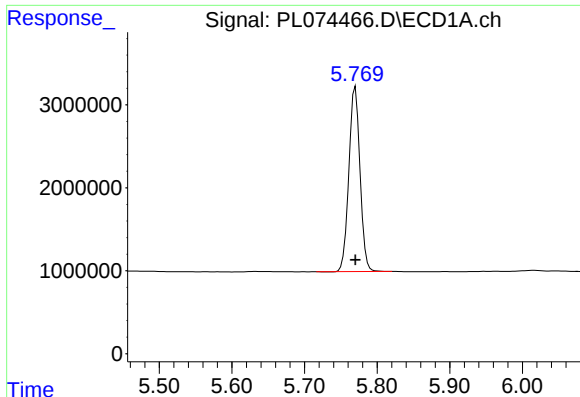
#2 alpha-BHC

R.T.: 5.347 min
Delta R.T.: 0.000 min
Response: 24083650
Conc: 57.39 ng/ml



#2 alpha-BHC

R.T.: 6.051 min
Delta R.T.: -0.003 min
Response: 139197883
Conc: 55.28 ng/ml



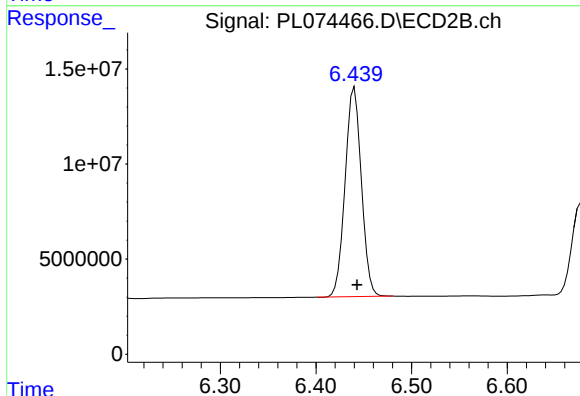
#3 gamma-BHC (Lindane)

R.T.: 5.770 min
Delta R.T.: 0.000 min
Response: 23846185
Conc: 56.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

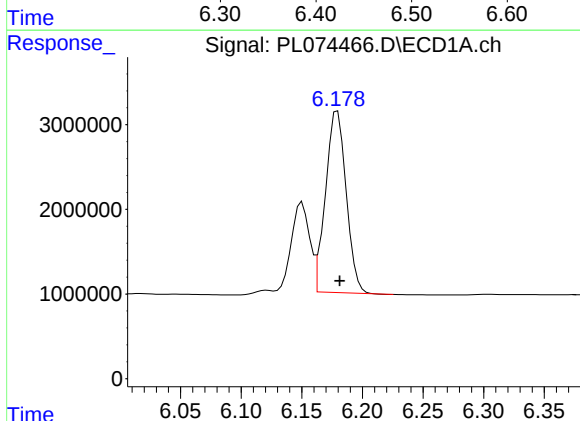
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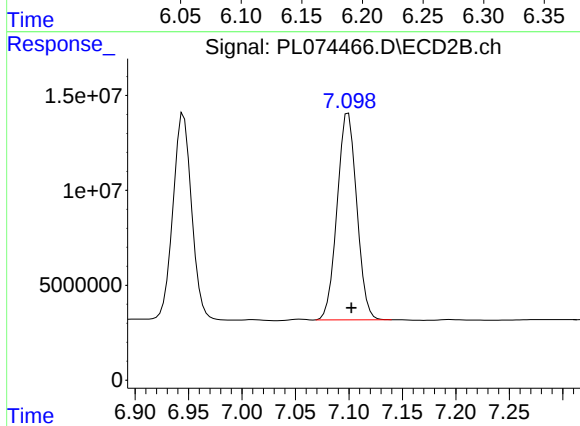
#3 gamma-BHC (Lindane)

R.T.: 6.440 min
Delta R.T.: -0.003 min
Response: 130800104
Conc: 55.26 ng/ml



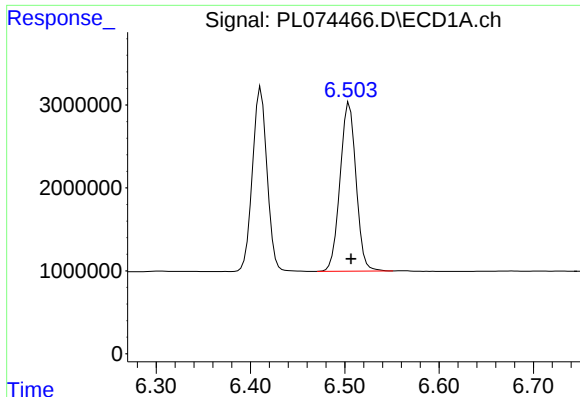
#4 Heptachlor

R.T.: 6.179 min
Delta R.T.: -0.002 min
Response: 25349020
Conc: 56.27 ng/ml



#4 Heptachlor

R.T.: 7.099 min
Delta R.T.: -0.003 min
Response: 139351432
Conc: 53.42 ng/ml



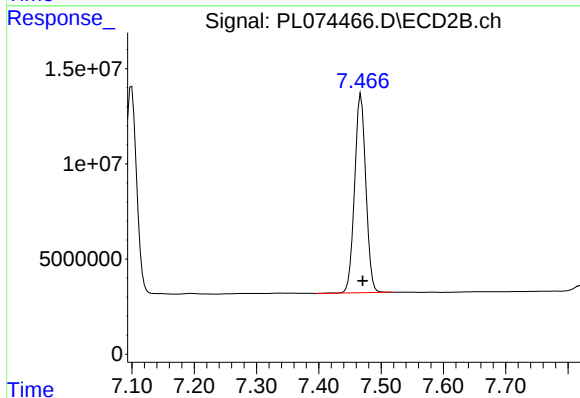
#5 Aldrin

R.T.: 6.505 min
Delta R.T.: -0.002 min
Response: 23966271
Conc: 57.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

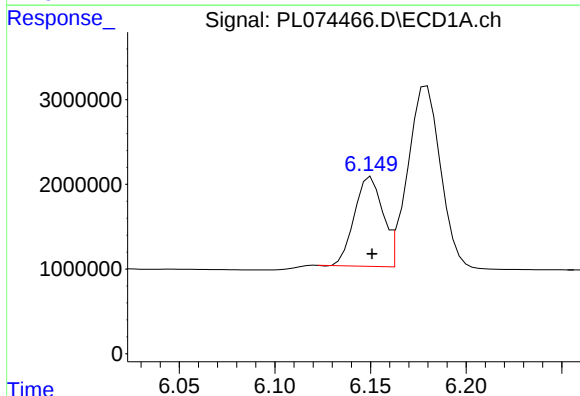
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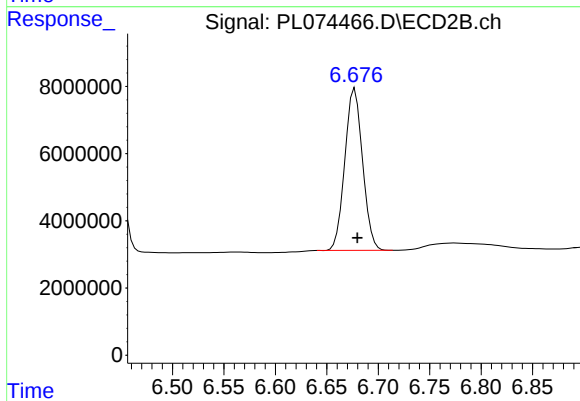
#5 Aldrin

R.T.: 7.468 min
Delta R.T.: -0.003 min
Response: 131931857
Conc: 56.17 ng/ml



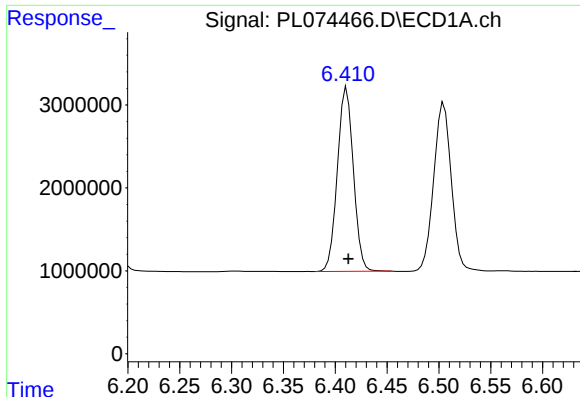
#6 beta-BHC

R.T.: 6.150 min
Delta R.T.: 0.000 min
Response: 10918948
Conc: 53.44 ng/ml



#6 beta-BHC

R.T.: 6.677 min
Delta R.T.: -0.003 min
Response: 57921649
Conc: 51.39 ng/ml



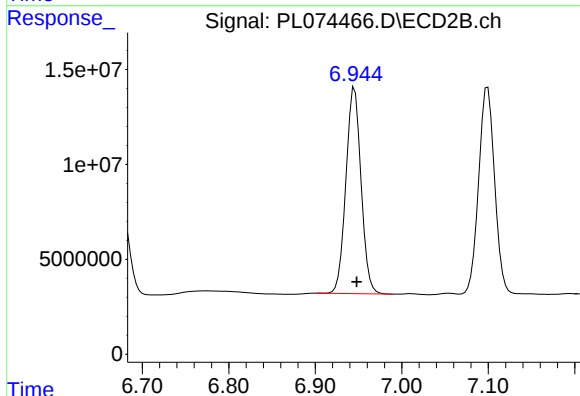
#7 delta-BHC

R.T.: 6.411 min
Delta R.T.: -0.001 min
Response: 23844911
Conc: 57.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

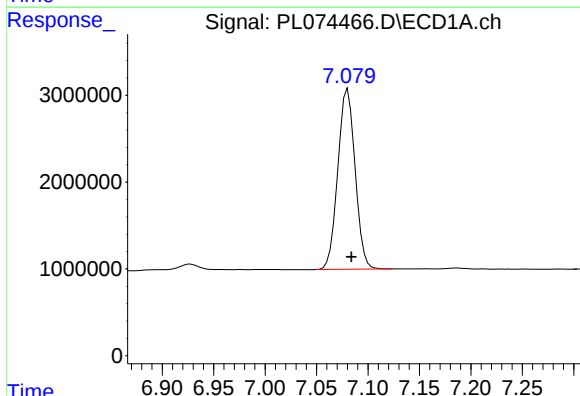
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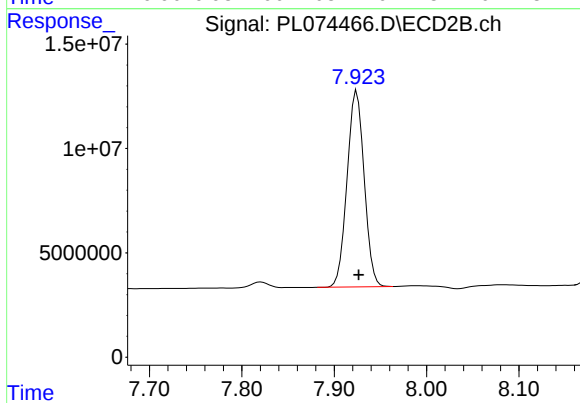
#7 delta-BHC

R.T.: 6.945 min
Delta R.T.: -0.003 min
Response: 131407776
Conc: 53.81 ng/ml



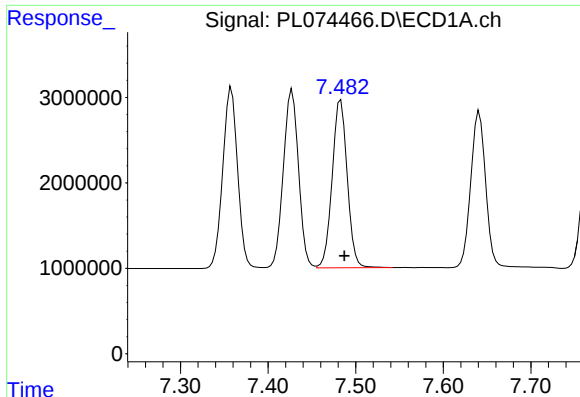
#8 Heptachlor epoxide

R.T.: 7.080 min
Delta R.T.: -0.003 min
Response: 24315896
Conc: 56.69 ng/ml



#8 Heptachlor epoxide

R.T.: 7.924 min
Delta R.T.: -0.002 min
Response: 121055627
Conc: 53.77 ng/ml



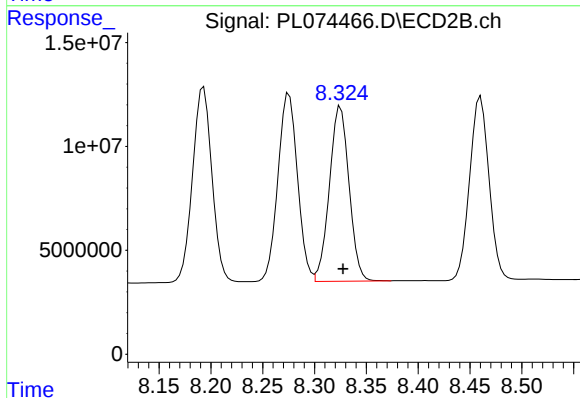
#9 Endosulfan I

R.T.: 7.483 min
Delta R.T.: -0.004 min
Response: 23511735
Conc: 57.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

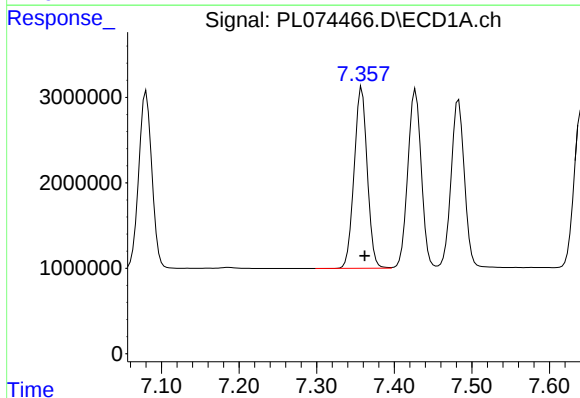
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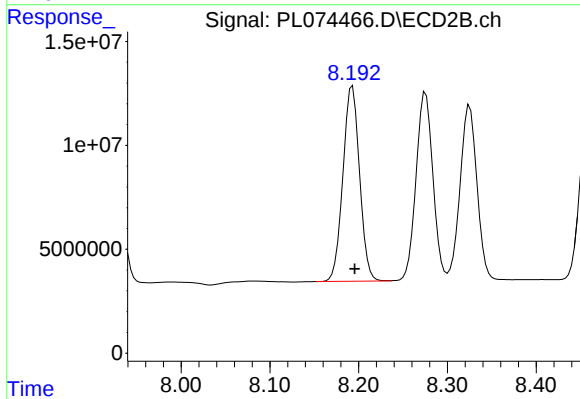
#9 Endosulfan I

R.T.: 8.325 min
Delta R.T.: -0.002 min
Response: 110985950
Conc: 56.38 ng/ml



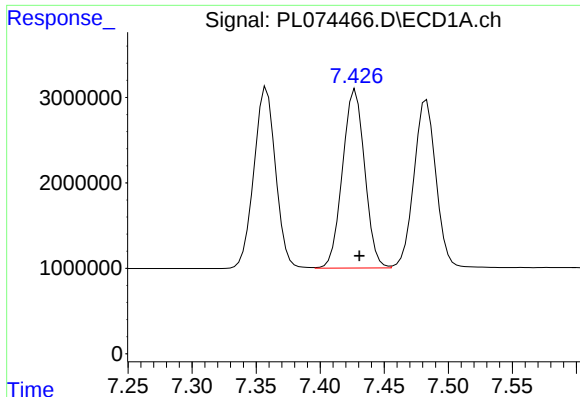
#10 gamma-Chlordane

R.T.: 7.358 min
Delta R.T.: -0.004 min
Response: 24905749
Conc: 56.79 ng/ml



#10 gamma-Chlordane

R.T.: 8.193 min
Delta R.T.: -0.002 min
Response: 122453754
Conc: 54.90 ng/ml



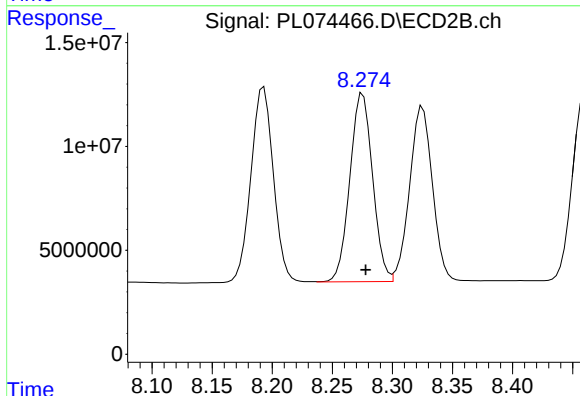
#11 alpha-Chlordane

R.T.: 7.428 min
Delta R.T.: -0.003 min
Response: 25165323
Conc: 56.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

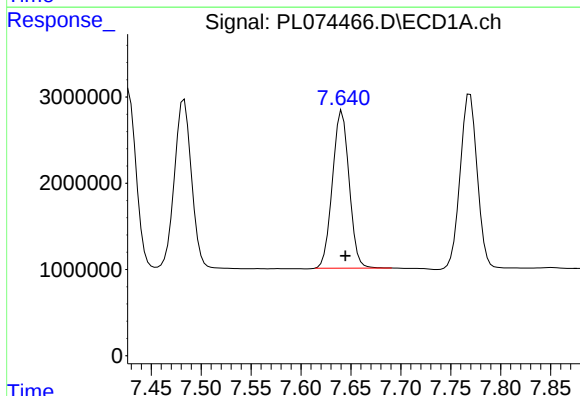
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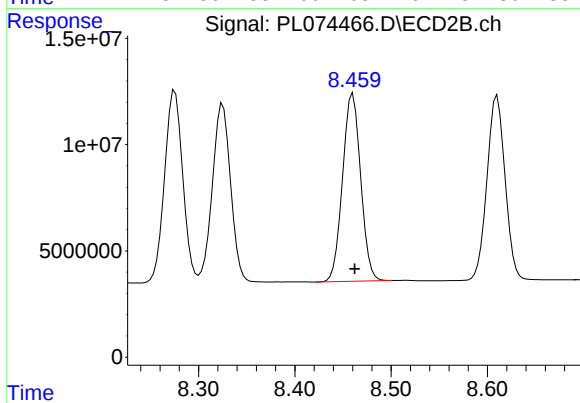
#11 alpha-Chlordane

R.T.: 8.275 min
Delta R.T.: -0.003 min
Response: 119528340
Conc: 55.53 ng/ml



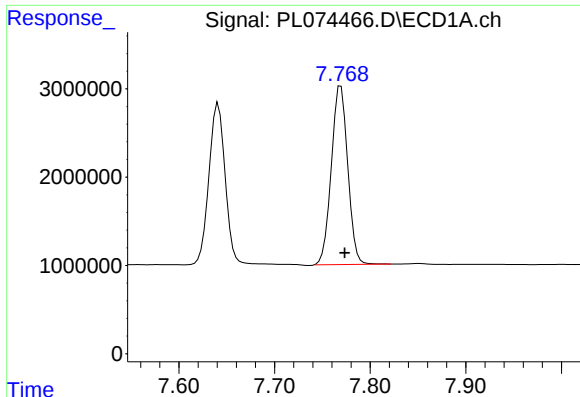
#12 4,4'-DDE

R.T.: 7.641 min
Delta R.T.: -0.003 min
Response: 21293497
Conc: 58.37 ng/ml



#12 4,4'-DDE

R.T.: 8.460 min
Delta R.T.: -0.002 min
Response: 115076346
Conc: 57.78 ng/ml



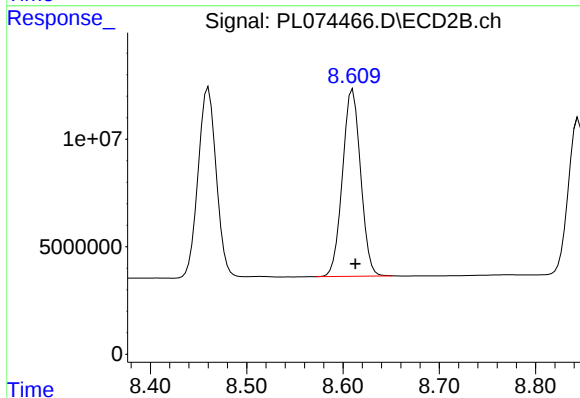
#13 Dieldrin

R.T.: 7.769 min
Delta R.T.: -0.004 min
Response: 24081711
Conc: 56.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

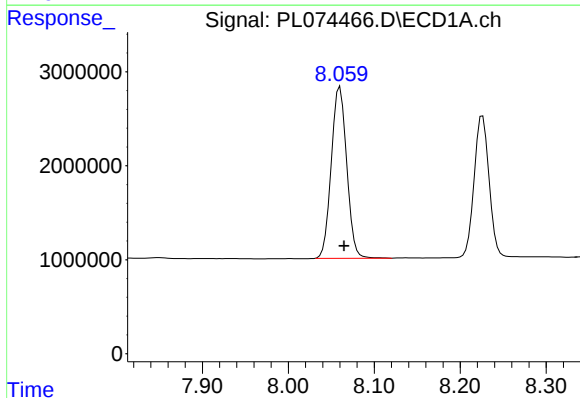
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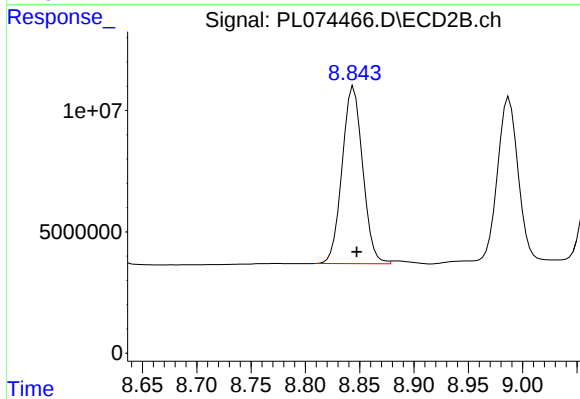
#13 Dieldrin

R.T.: 8.610 min
Delta R.T.: -0.003 min
Response: 113348102
Conc: 56.52 ng/ml



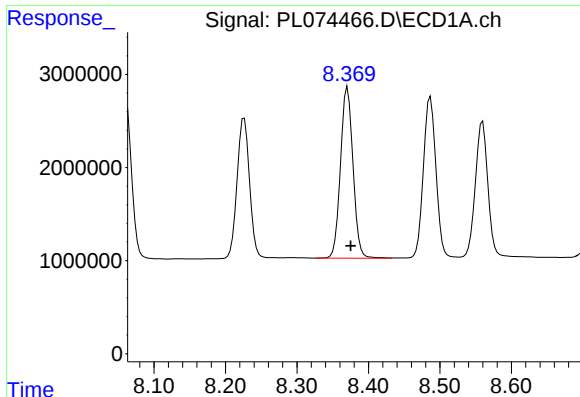
#14 Endrin

R.T.: 8.060 min
Delta R.T.: -0.005 min
Response: 22711450
Conc: 55.91 ng/ml



#14 Endrin

R.T.: 8.844 min
Delta R.T.: -0.003 min
Response: 96331987
Conc: 56.88 ng/ml



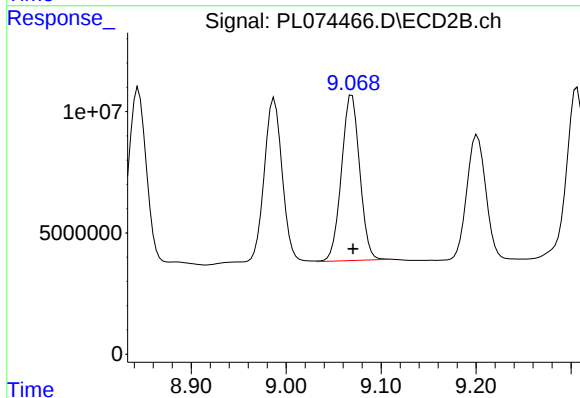
#15 Endosulfan II

R.T.: 8.371 min
Delta R.T.: -0.005 min
Response: 22310688
Conc: 54.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

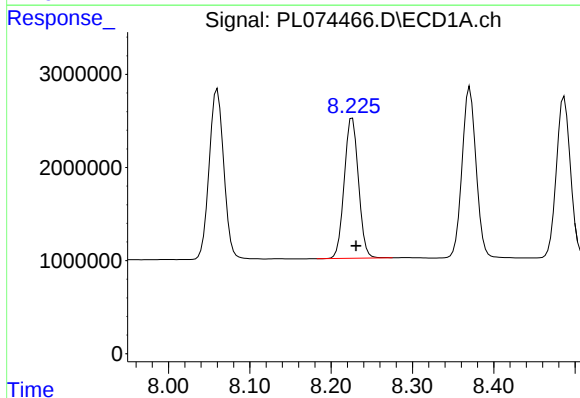
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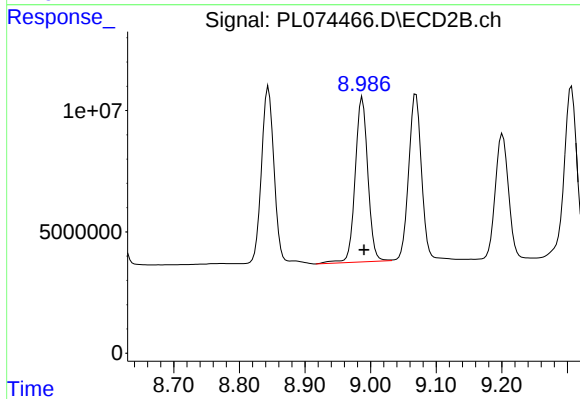
#15 Endosulfan II

R.T.: 9.069 min
Delta R.T.: -0.001 min
Response: 91264782
Conc: 52.53 ng/ml



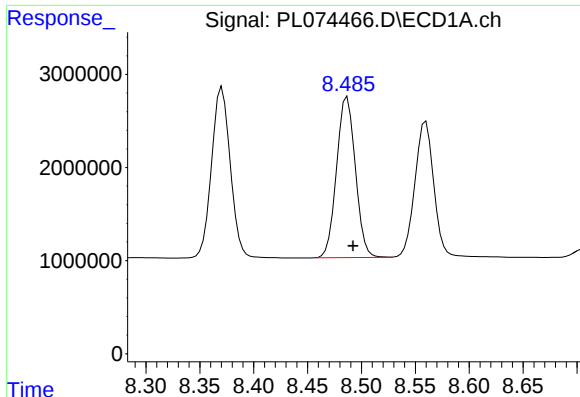
#16 4,4'-DDD

R.T.: 8.226 min
Delta R.T.: -0.005 min
Response: 18224356
Conc: 56.44 ng/ml



#16 4,4'-DDD

R.T.: 8.987 min
Delta R.T.: -0.003 min
Response: 91041271
Conc: 59.17 ng/ml



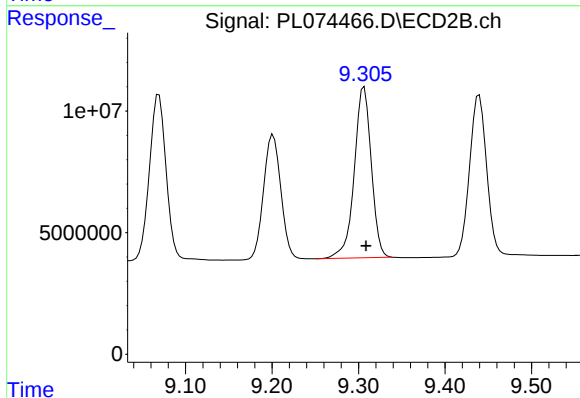
#17 4,4'-DDT

R.T.: 8.487 min
Delta R.T.: -0.005 min
Response: 20958480
Conc: 56.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

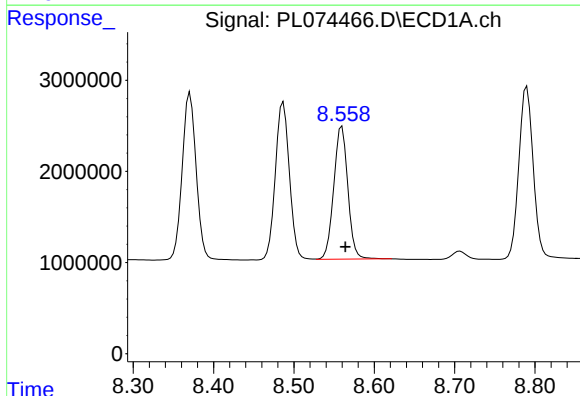
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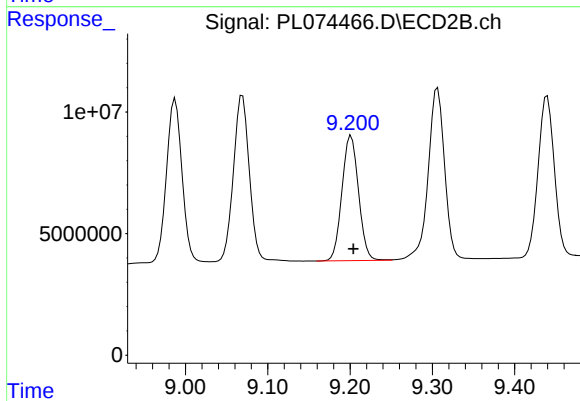
#17 4,4'-DDT

R.T.: 9.306 min
Delta R.T.: -0.002 min
Response: 95989819
Conc: 54.15 ng/ml



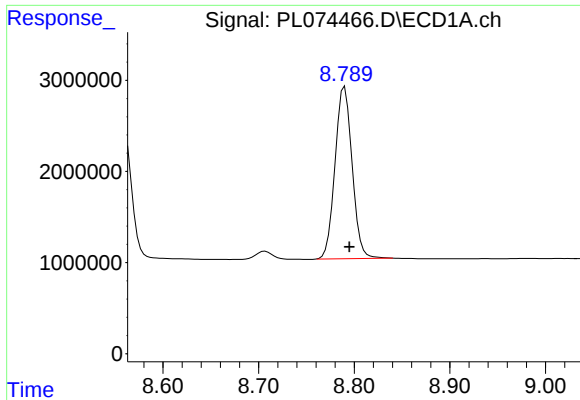
#18 Endrin aldehyde

R.T.: 8.560 min
Delta R.T.: -0.005 min
Response: 17784300
Conc: 54.97 ng/ml



#18 Endrin aldehyde

R.T.: 9.201 min
Delta R.T.: -0.003 min
Response: 72213032
Conc: 55.91 ng/ml



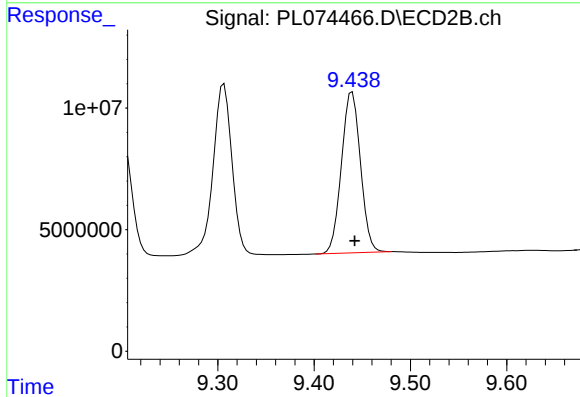
#19 Endosulfan Sulfate

R.T.: 8.790 min
Delta R.T.: -0.005 min
Response: 23467170
Conc: 54.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

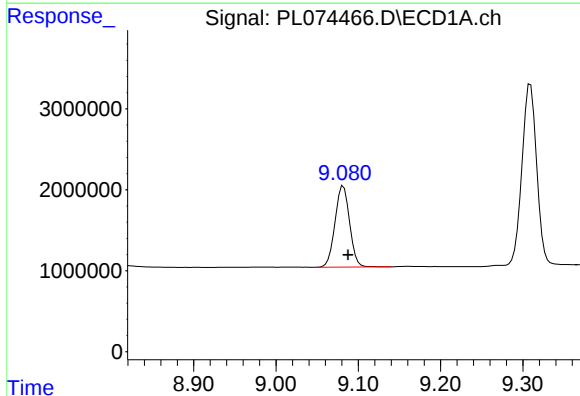
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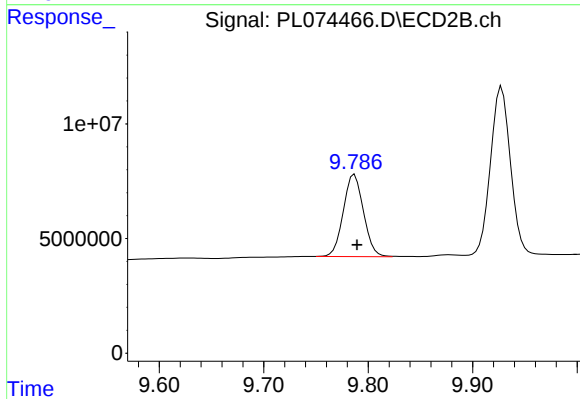
#19 Endosulfan Sulfate

R.T.: 9.440 min
Delta R.T.: -0.003 min
Response: 90748644
Conc: 54.53 ng/ml



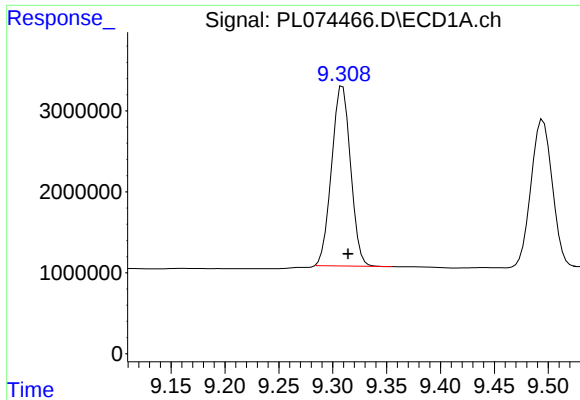
#20 Methoxychlor

R.T.: 9.082 min
Delta R.T.: -0.005 min
Response: 12386977
Conc: 49.89 ng/ml



#20 Methoxychlor

R.T.: 9.786 min
Delta R.T.: -0.004 min
Response: 47925841
Conc: 49.83 ng/ml m



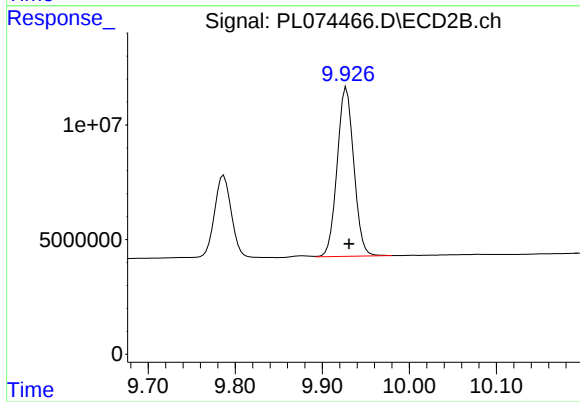
#21 Endrin ketone

R.T.: 9.309 min
Delta R.T.: -0.005 min
Response: 27163027
Conc: 55.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

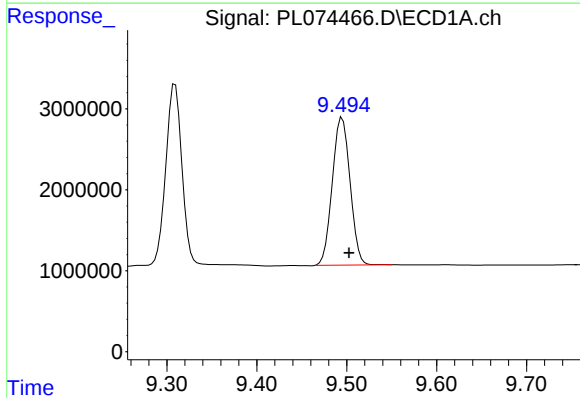
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/03/2022
Supervised By :mohammad ahmed 05/04/2022



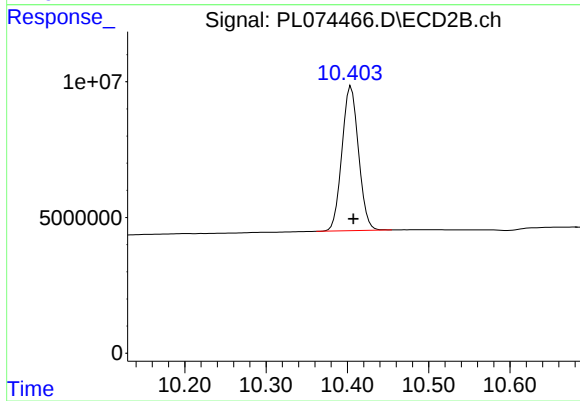
#21 Endrin ketone

R.T.: 9.928 min
Delta R.T.: -0.003 min
Response: 98166760
Conc: 56.71 ng/ml



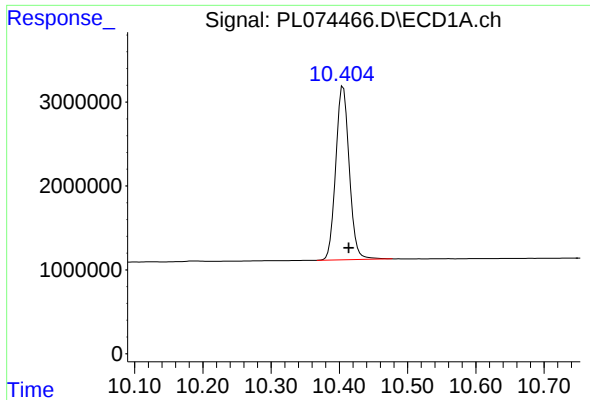
#22 Mirex

R.T.: 9.495 min
Delta R.T.: -0.007 min
Response: 25117645
Conc: 53.85 ng/ml



#22 Mirex

R.T.: 10.405 min
Delta R.T.: -0.003 min
Response: 75190636
Conc: 54.59 ng/ml



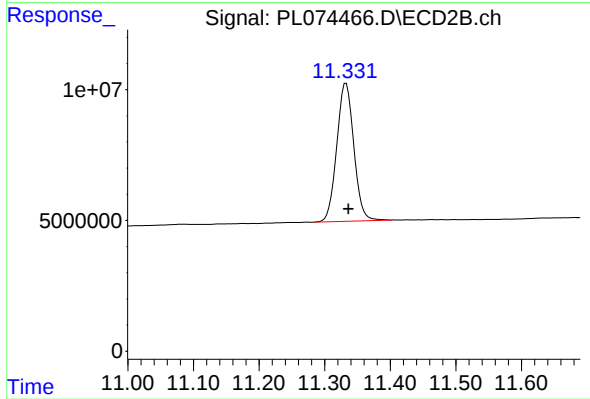
#28 Decachlorobiphenyl

R.T.: 10.404 min
Delta R.T.: -0.010 min
Response: 28480495
Conc: 54.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

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#28 Decachlorobiphenyl

R.T.: 11.333 min
Delta R.T.: -0.003 min
Response: 95474304
Conc: 54.05 ng/ml