

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042222\
 Data File : PL074308.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Apr 2022 17:04
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/25/2022
 Supervised By :mohammad ahmed 04/25/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 22 23:08:33 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...	4.635	5.489	17464448	95768219	54.051	53.713
28)	SA Decachlor...	10.402	11.330	25678779	93755457	49.379m	53.080
Target Compounds							
2)	A alpha-BHC	5.342	6.052	22464296	139.6E6	53.530	55.437
3)	MA gamma-BHC...	5.766	6.442	22222934	131.0E6	52.988	55.344
4)	MA Heptachlor	6.176	7.100	23192489	137.2E6	51.486	52.583
5)	MB Aldrin	6.501	7.468	21568175	129.3E6	51.965	55.046
6)	B beta-BHC	6.146	6.679	11242405	60148756	55.022	53.370
7)	B delta-BHC	6.407	6.946	22240985	131.8E6	53.765	53.973
8)	B Heptachlo...	7.077	7.925	22235100	120.3E6	51.838	53.445
9)	A Endosulfan I	7.480	8.325	21562254	109.5E6	52.575	55.628
10)	B gamma-Chl...	7.354	8.193	22863324	120.5E6	52.129	54.006
11)	B alpha-Chl...	7.424	8.275	22992286	117.9E6	52.045	54.780
12)	B 4,4'-DDE	7.636	8.460	19475320	112.9E6	53.384m	56.675
13)	MA Dieldrin	7.764	8.610	21779541	110.4E6	50.701m	55.076
14)	MA Endrin	8.056	8.845	20657044	94475766	50.850	55.782
15)	B Endosulfa...	8.367	9.069	20541546	89693899	49.839	51.630
16)	A 4,4'-DDD	8.222	8.988	17198807	89411844	53.259	58.112
17)	MA 4,4'-DDT	8.482	9.306	18431592	89600876	49.864m	50.546
18)	B Endrin al...	8.555	9.201	16160399	70123479	49.947	54.291
19)	B Endosulfa...	8.785	9.439	22355896	86409137	52.353m	51.918
20)	A Methoxychlor	9.079	9.785	11809694	43272349	47.568	44.989m
21)	B Endrin ke...	9.304	9.927	26352457	93069075	53.940m	53.768
22)	Mirex	9.492	10.403	23759031	71163766	50.941	51.665

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042222\
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 Acq On : 22 Apr 2022 17:04
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
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Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

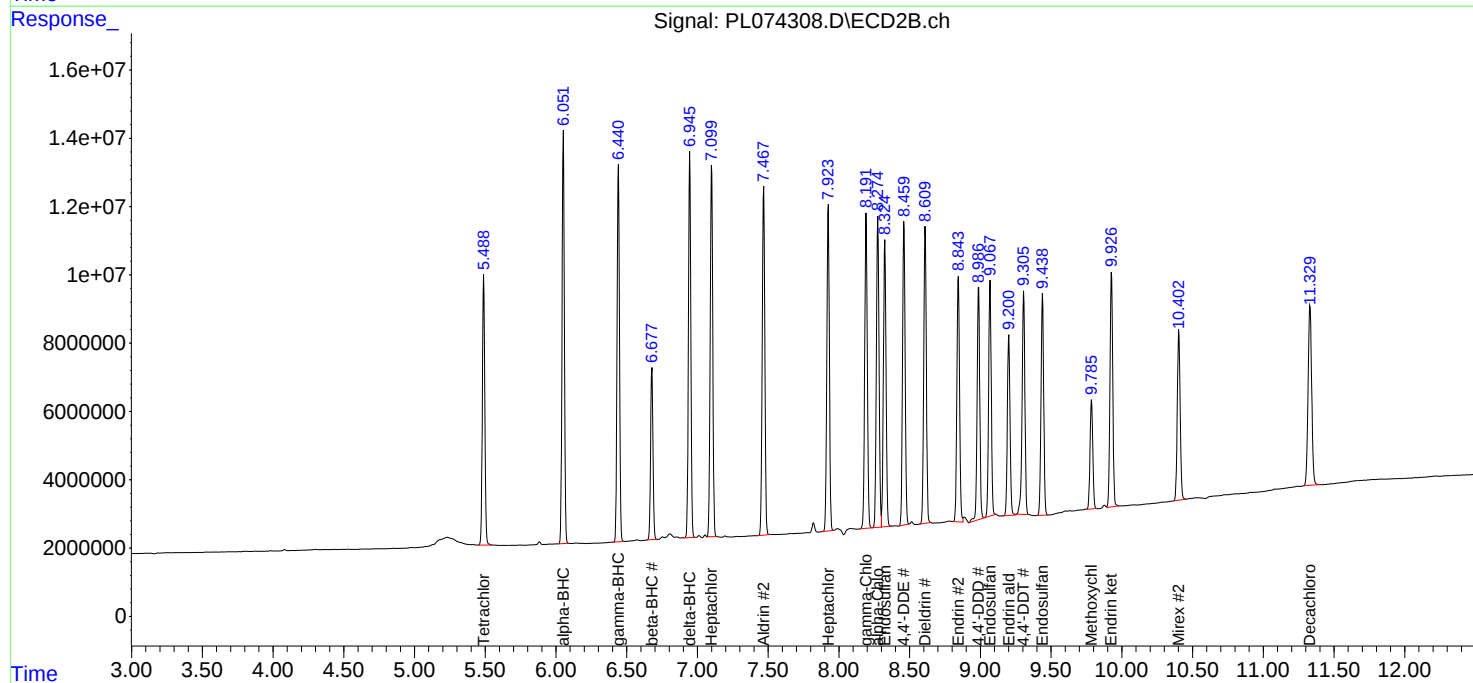
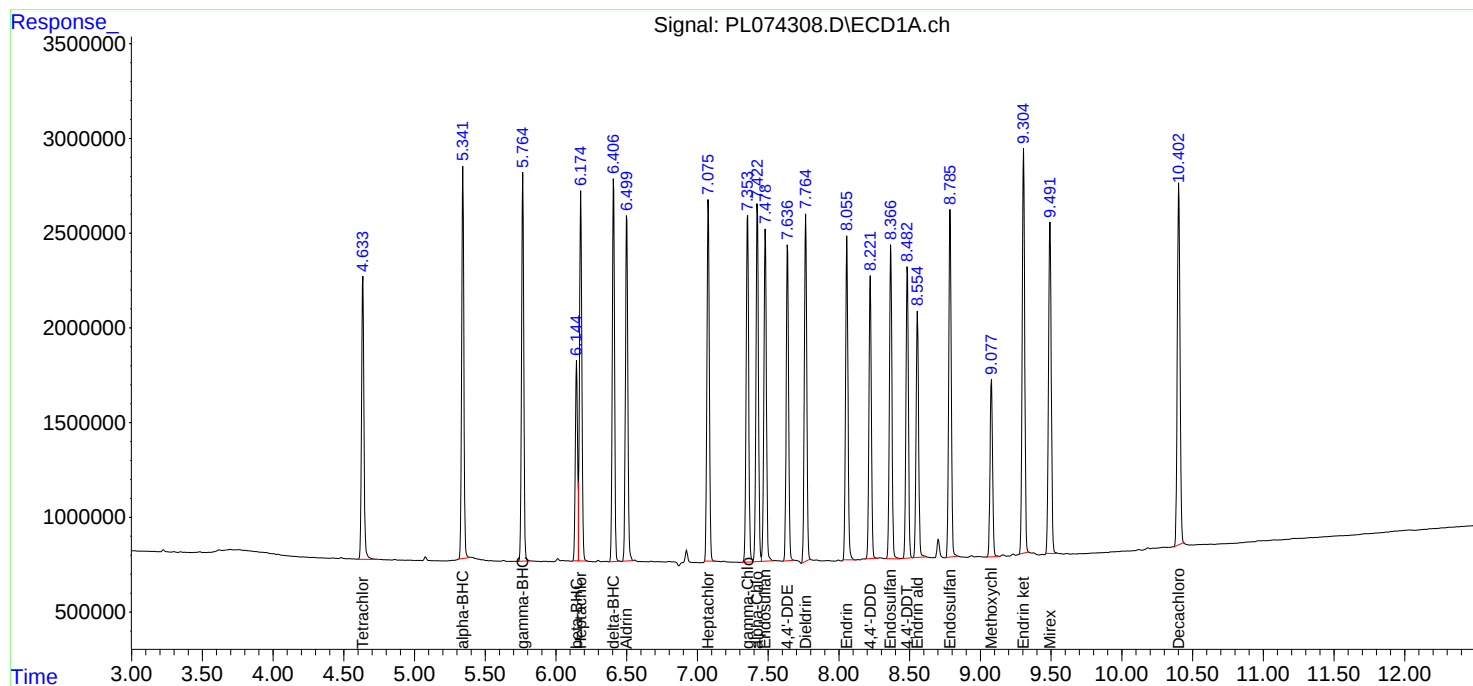
APPROVED

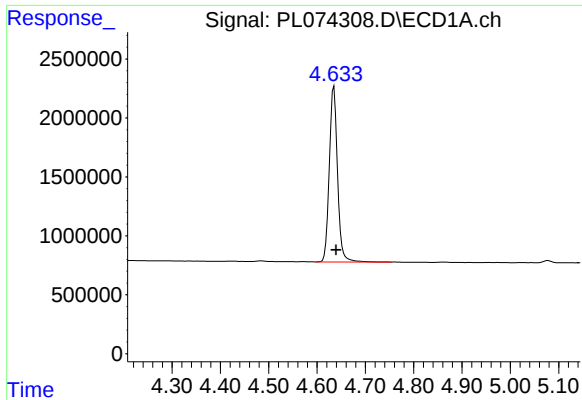
Reviewed By :Abdul Mirza 04/25/2022

Supervised By :mohammad ahmed 04/25/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 22 23:08:33 2022
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 Quant Title : GC Extractables
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





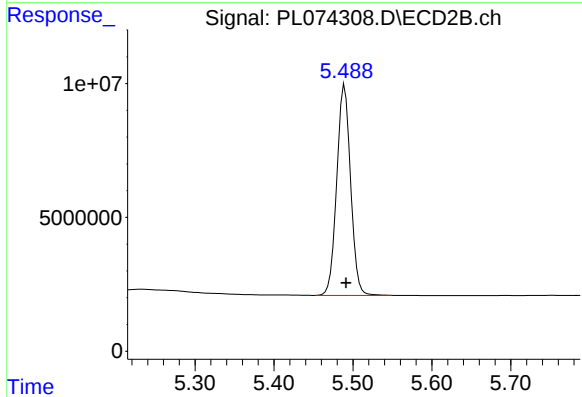
#1 Tetrachloro-m-xylene

R.T.: 4.635 min
Delta R.T.: -0.004 min
Response: 17464448
Conc: 54.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

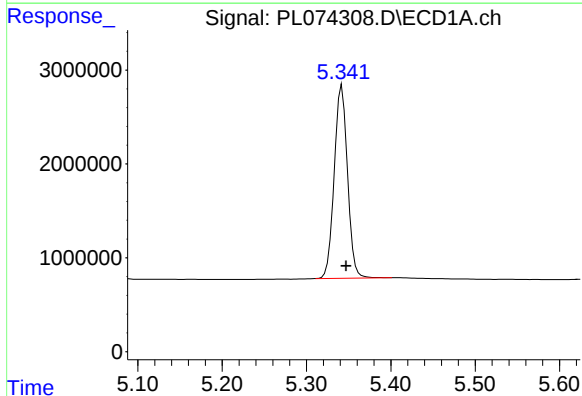
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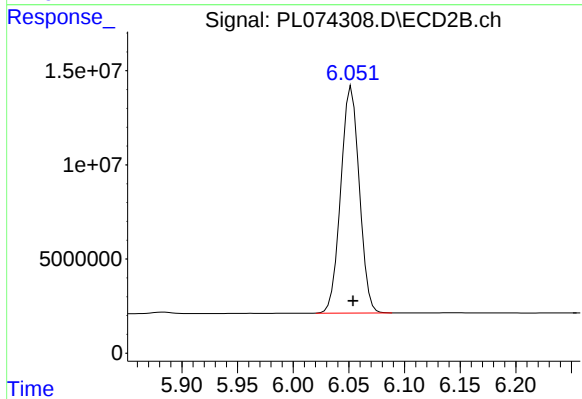
#1 Tetrachloro-m-xylene

R.T.: 5.489 min
Delta R.T.: -0.002 min
Response: 95768219
Conc: 53.71 ng/ml



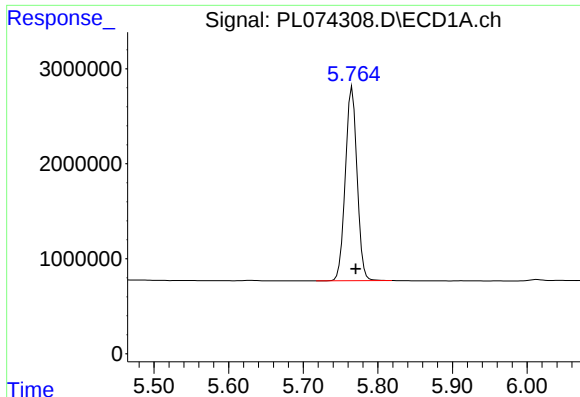
#2 alpha-BHC

R.T.: 5.342 min
Delta R.T.: -0.005 min
Response: 22464296
Conc: 53.53 ng/ml



#2 alpha-BHC

R.T.: 6.052 min
Delta R.T.: -0.001 min
Response: 139595813
Conc: 55.44 ng/ml



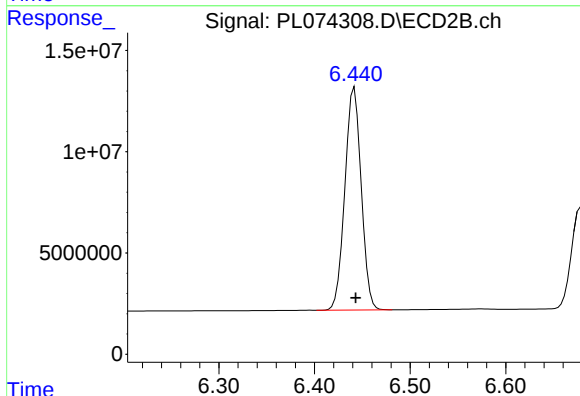
#3 gamma-BHC (Lindane)

R.T.: 5.766 min
Delta R.T.: -0.005 min
Response: 22222934
Conc: 52.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

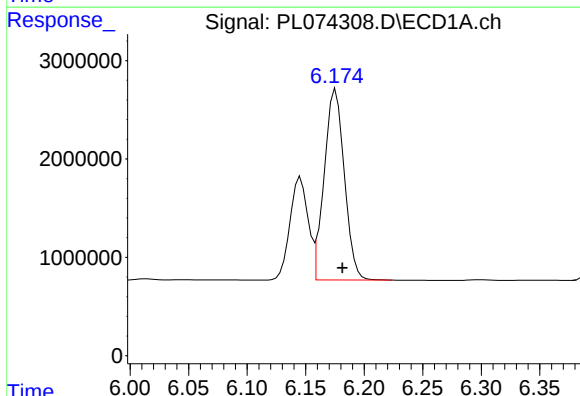
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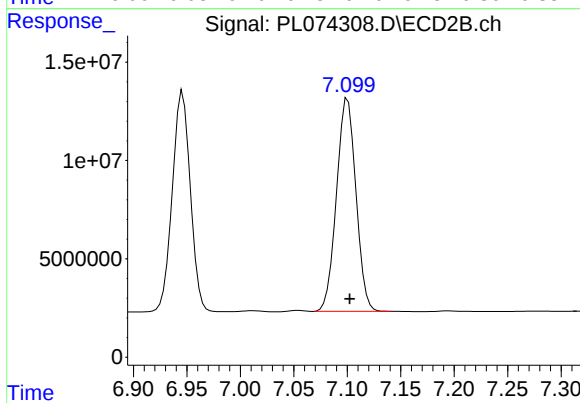
#3 gamma-BHC (Lindane)

R.T.: 6.442 min
Delta R.T.: -0.001 min
Response: 131005639
Conc: 55.34 ng/ml



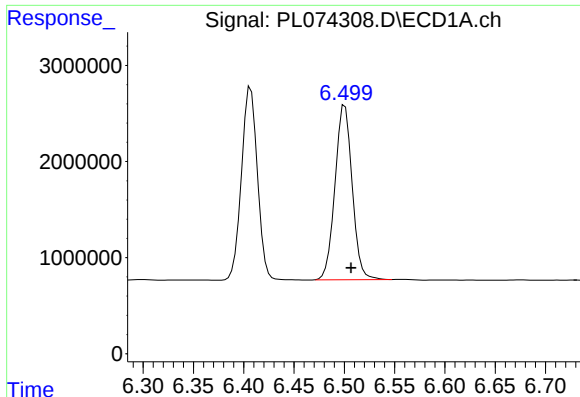
#4 Heptachlor

R.T.: 6.176 min
Delta R.T.: -0.006 min
Response: 23192489
Conc: 51.49 ng/ml



#4 Heptachlor

R.T.: 7.100 min
Delta R.T.: -0.002 min
Response: 137157420
Conc: 52.58 ng/ml



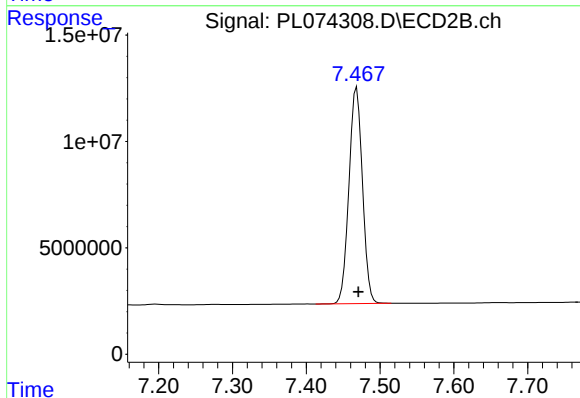
#5 Aldrin

R.T.: 6.501 min
Delta R.T.: -0.006 min
Response: 21568175
Conc: 51.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

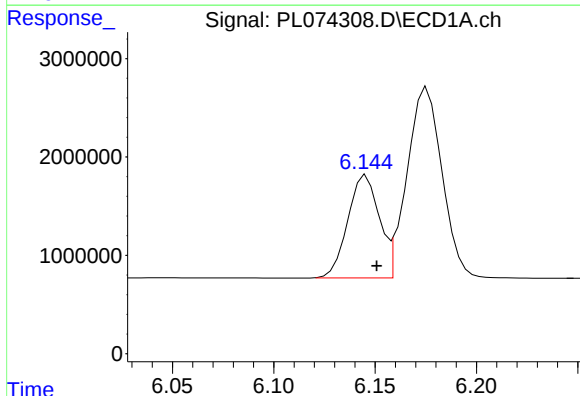
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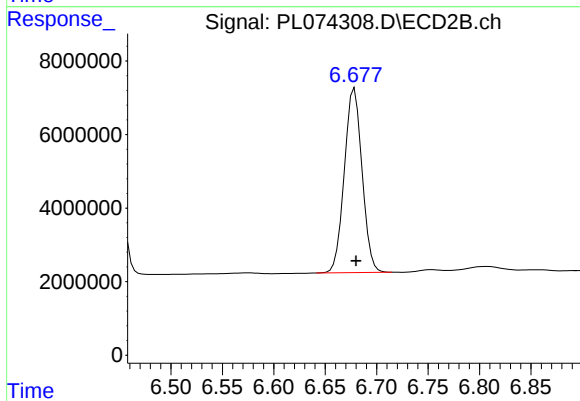
#5 Aldrin

R.T.: 7.468 min
Delta R.T.: -0.003 min
Response: 129282084
Conc: 55.05 ng/ml



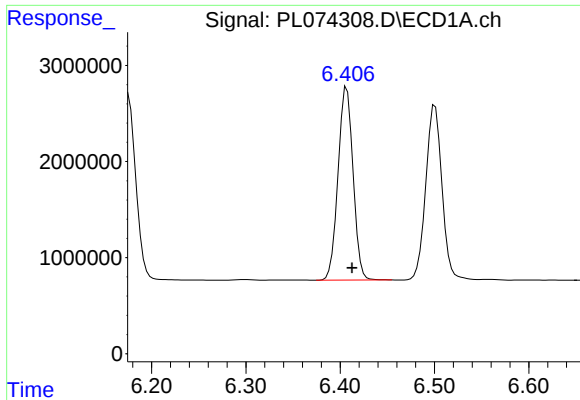
#6 beta-BHC

R.T.: 6.146 min
Delta R.T.: -0.005 min
Response: 11242405
Conc: 55.02 ng/ml



#6 beta-BHC

R.T.: 6.679 min
Delta R.T.: -0.001 min
Response: 60148756
Conc: 53.37 ng/ml



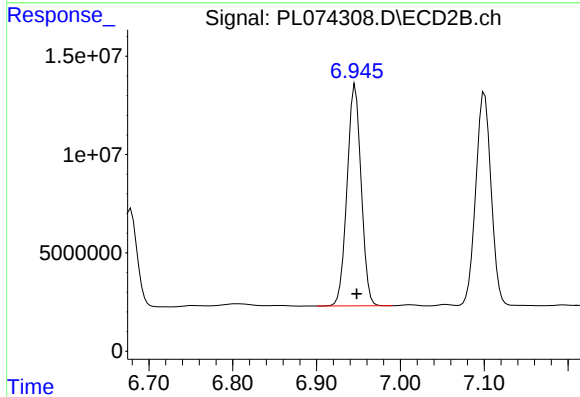
#7 delta-BHC

R.T.: 6.407 min
Delta R.T.: -0.005 min
Response: 22240985
Conc: 53.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

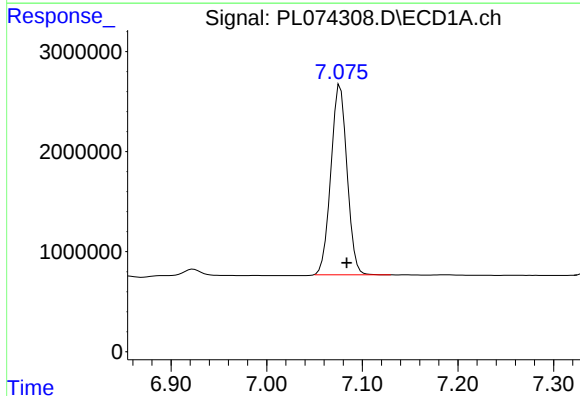
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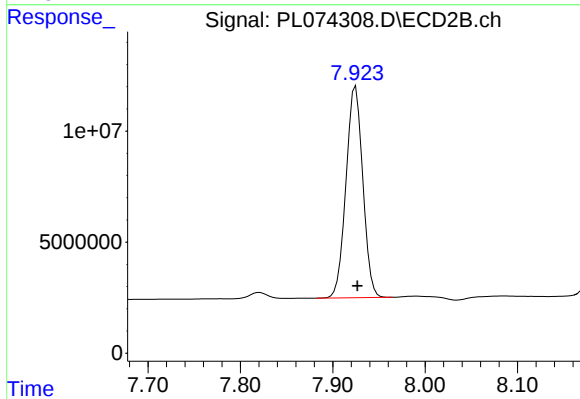
#7 delta-BHC

R.T.: 6.946 min
Delta R.T.: -0.002 min
Response: 131817171
Conc: 53.97 ng/ml



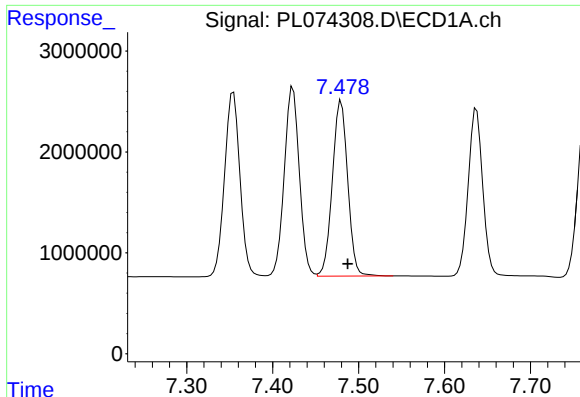
#8 Heptachlor epoxide

R.T.: 7.077 min
Delta R.T.: -0.007 min
Response: 22235100
Conc: 51.84 ng/ml



#8 Heptachlor epoxide

R.T.: 7.925 min
Delta R.T.: -0.002 min
Response: 120334228
Conc: 53.44 ng/ml



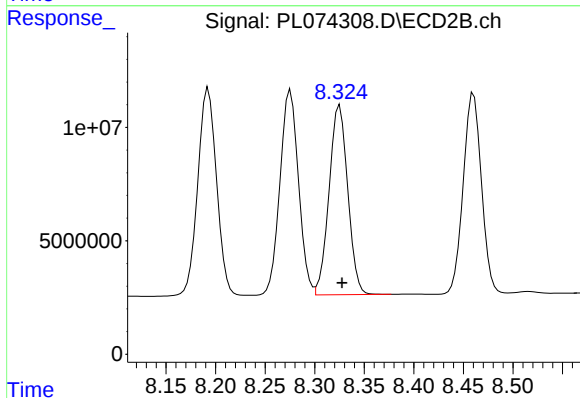
#9 Endosulfan I

R.T.: 7.480 min
Delta R.T.: -0.007 min
Response: 21562254
Conc: 52.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

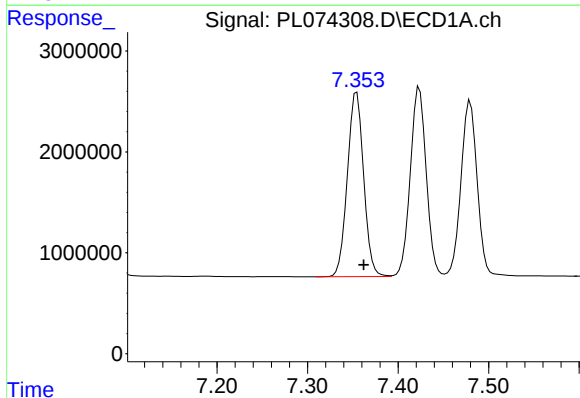
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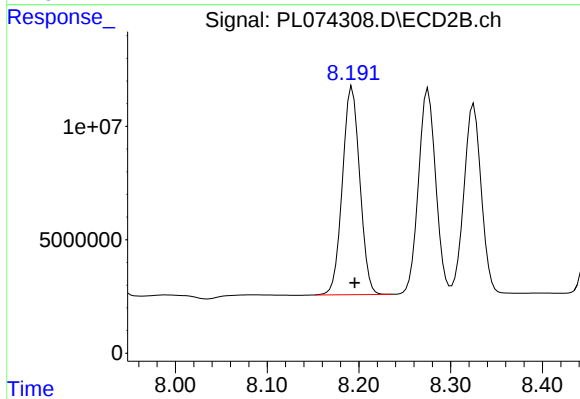
#9 Endosulfan I

R.T.: 8.325 min
Delta R.T.: -0.002 min
Response: 109512369
Conc: 55.63 ng/ml



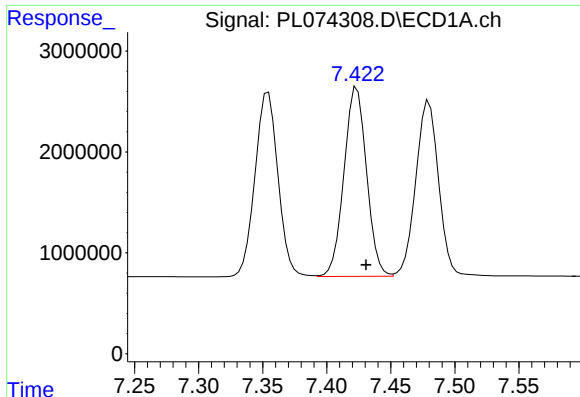
#10 gamma-Chlordane

R.T.: 7.354 min
Delta R.T.: -0.008 min
Response: 22863324
Conc: 52.13 ng/ml



#10 gamma-Chlordane

R.T.: 8.193 min
Delta R.T.: -0.003 min
Response: 120453165
Conc: 54.01 ng/ml



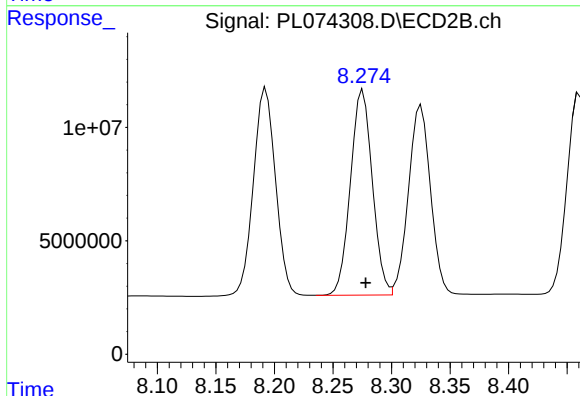
#11 alpha-Chlordane

R.T.: 7.424 min
Delta R.T.: -0.007 min
Response: 22992286
Conc: 52.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

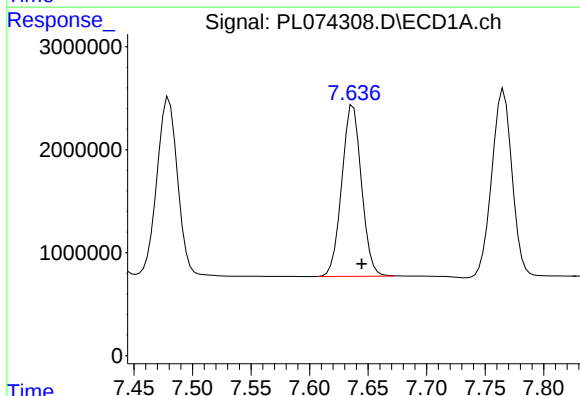
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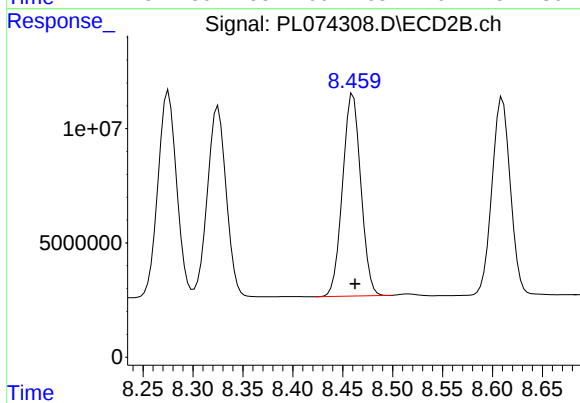
#11 alpha-Chlordane

R.T.: 8.275 min
Delta R.T.: -0.002 min
Response: 117919379
Conc: 54.78 ng/ml



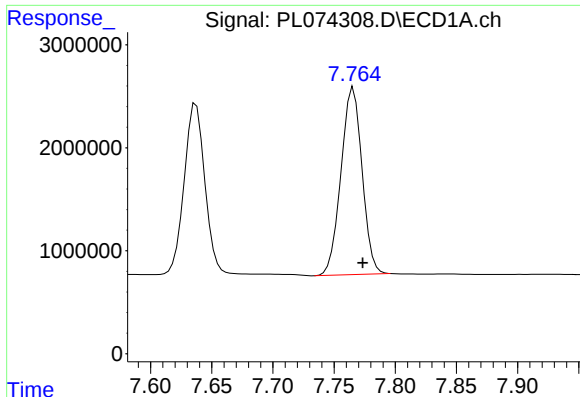
#12 4,4'-DDE

R.T.: 7.636 min
Delta R.T.: -0.009 min
Response: 19475320
Conc: 53.38 ng/ml m



#12 4,4'-DDE

R.T.: 8.460 min
Delta R.T.: -0.002 min
Response: 112879058
Conc: 56.67 ng/ml



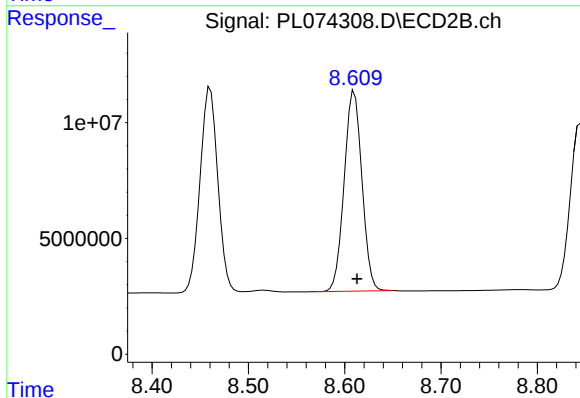
#13 Dieldrin

R.T.: 7.764 min
Delta R.T.: -0.009 min
Response: 21779541
Conc: 50.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

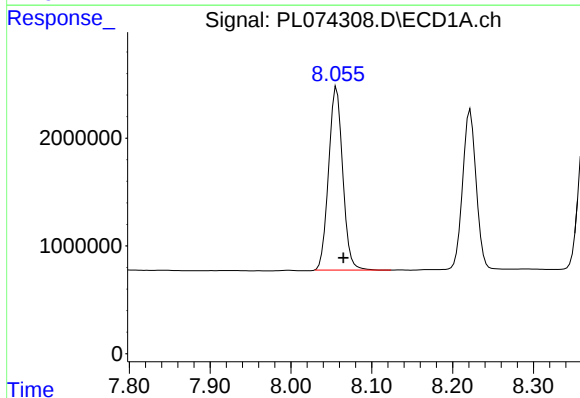
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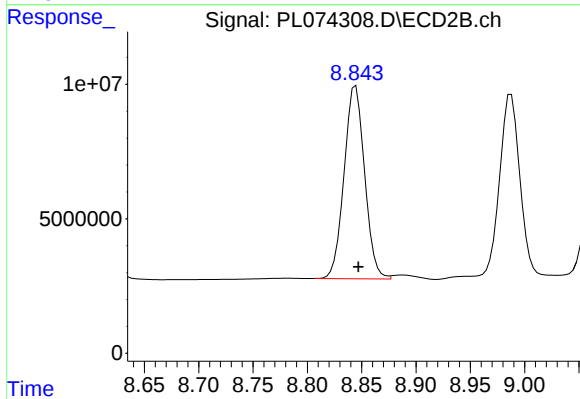
#13 Dieldrin

R.T.: 8.610 min
Delta R.T.: -0.003 min
Response: 110443608
Conc: 55.08 ng/ml



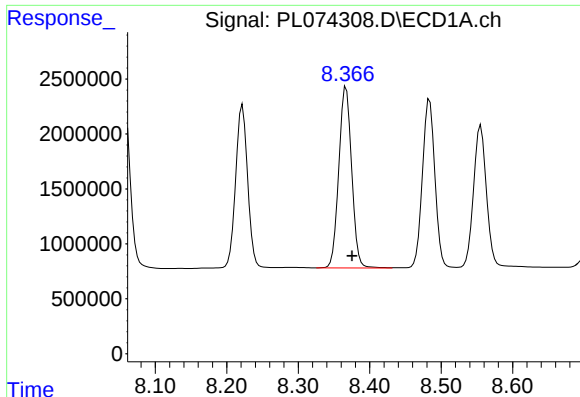
#14 Endrin

R.T.: 8.056 min
Delta R.T.: -0.008 min
Response: 20657044
Conc: 50.85 ng/ml



#14 Endrin

R.T.: 8.845 min
Delta R.T.: -0.003 min
Response: 94475766
Conc: 55.78 ng/ml



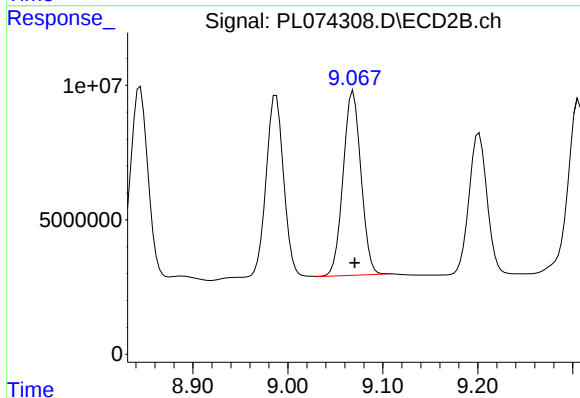
#15 Endosulfan II

R.T.: 8.367 min
Delta R.T.: -0.008 min
Response: 20541546
Conc: 49.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

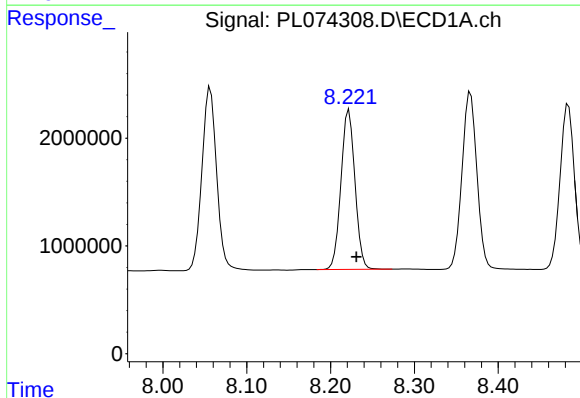
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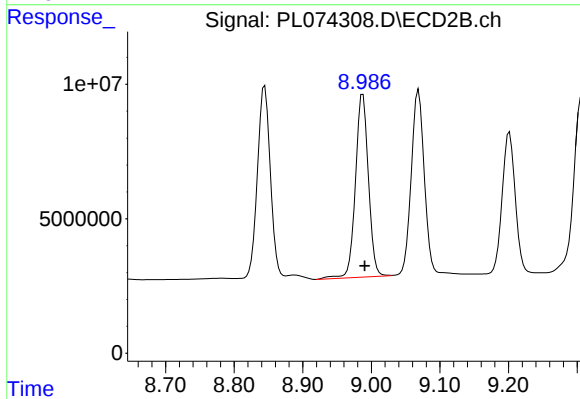
#15 Endosulfan II

R.T.: 9.069 min
Delta R.T.: -0.002 min
Response: 89693899
Conc: 51.63 ng/ml



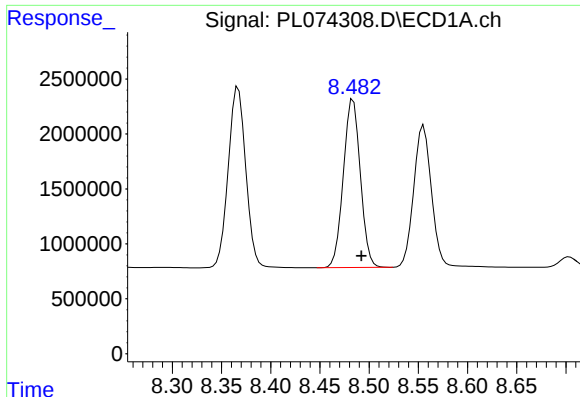
#16 4,4'-DDD

R.T.: 8.222 min
Delta R.T.: -0.009 min
Response: 17198807
Conc: 53.26 ng/ml



#16 4,4'-DDD

R.T.: 8.988 min
Delta R.T.: -0.002 min
Response: 89411844
Conc: 58.11 ng/ml



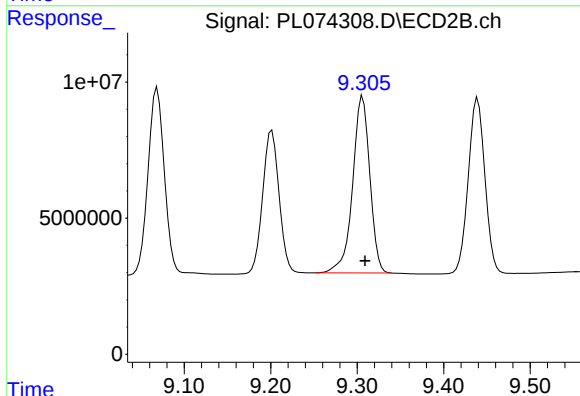
#17 4,4'-DDT

R.T.: 8.482 min
Delta R.T.: -0.010 min
Response: 18431592
Conc: 49.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

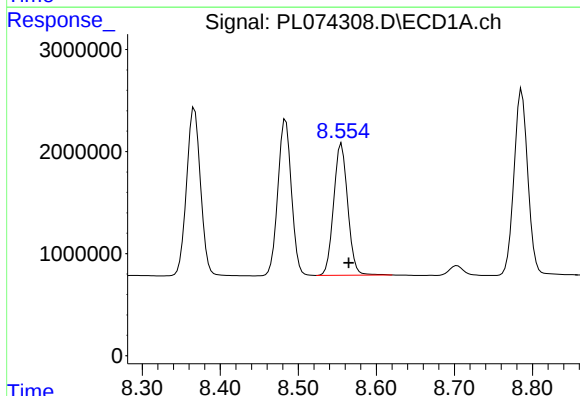
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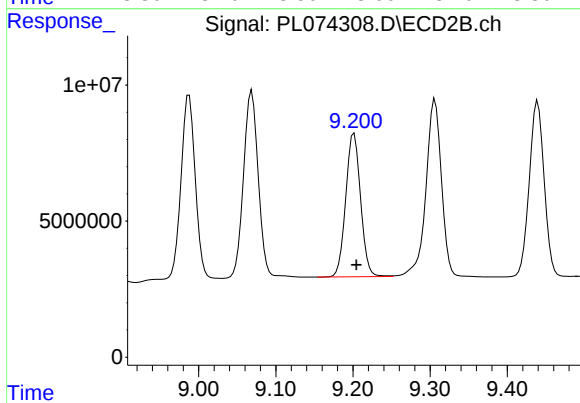
#17 4,4'-DDT

R.T.: 9.306 min
Delta R.T.: -0.003 min
Response: 89600876
Conc: 50.55 ng/ml



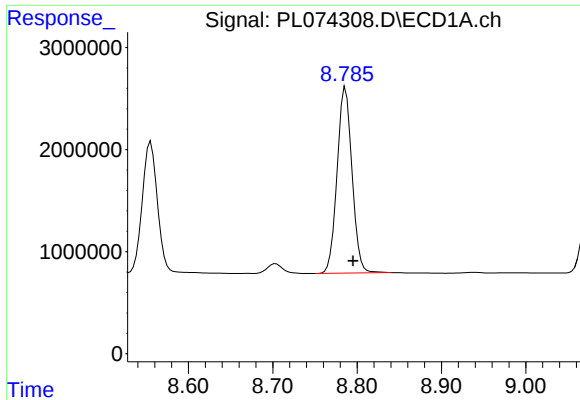
#18 Endrin aldehyde

R.T.: 8.555 min
Delta R.T.: -0.009 min
Response: 16160399
Conc: 49.95 ng/ml



#18 Endrin aldehyde

R.T.: 9.201 min
Delta R.T.: -0.003 min
Response: 70123479
Conc: 54.29 ng/ml



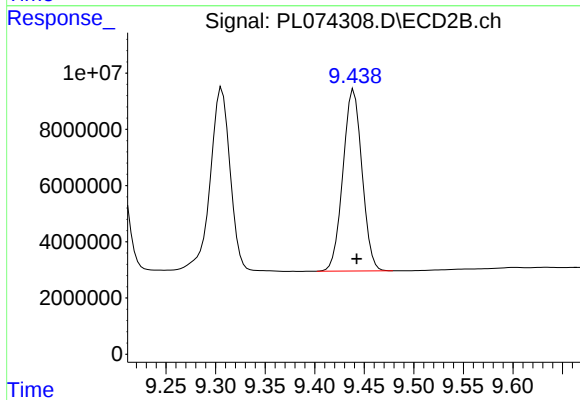
#19 Endosulfan Sulfate

R.T.: 8.785 min
Delta R.T.: -0.010 min
Response: 22355896
Conc: 52.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

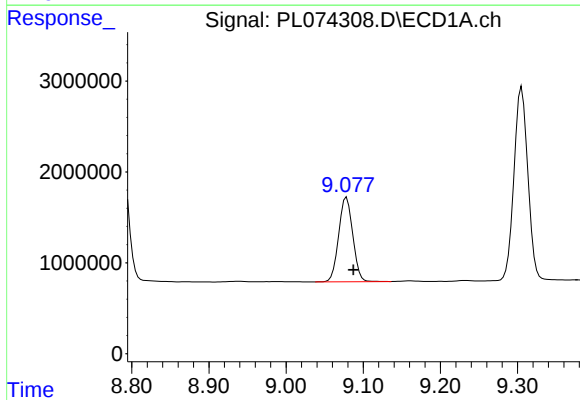
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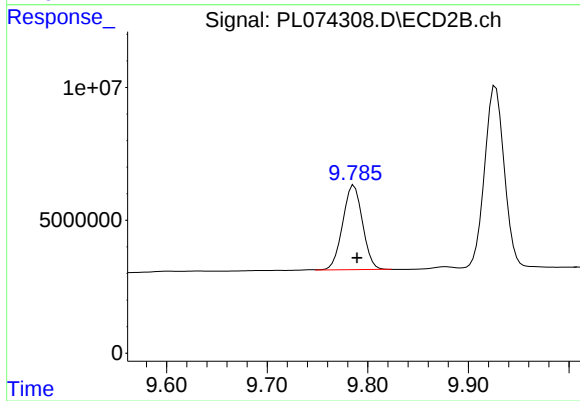
#19 Endosulfan Sulfate

R.T.: 9.439 min
Delta R.T.: -0.003 min
Response: 86409137
Conc: 51.92 ng/ml



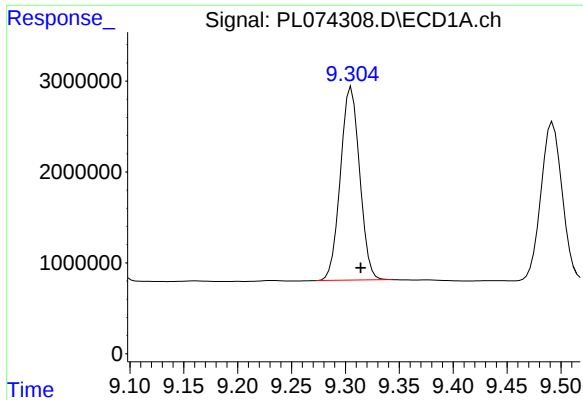
#20 Methoxychlor

R.T.: 9.079 min
Delta R.T.: -0.009 min
Response: 11809694
Conc: 47.57 ng/ml



#20 Methoxychlor

R.T.: 9.785 min
Delta R.T.: -0.004 min
Response: 43272349
Conc: 44.99 ng/ml m



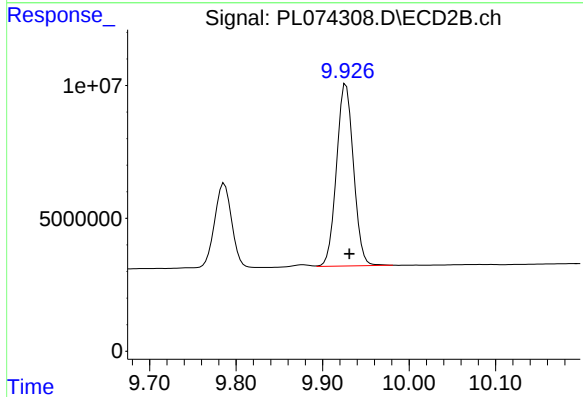
#21 Endrin ketone

R.T.: 9.304 min
Delta R.T.: -0.010 min
Response: 26352457
Conc: 53.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

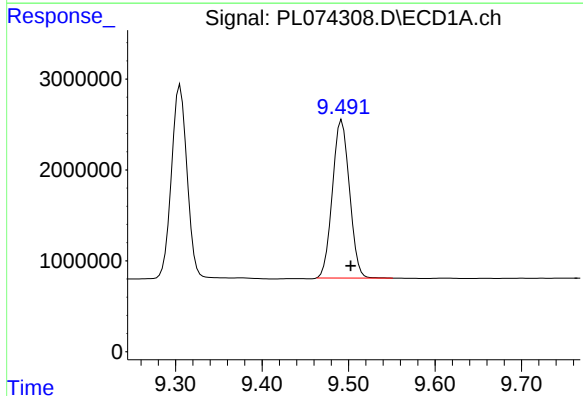
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/25/2022
Supervised By :mohammad ahmed 04/25/2022



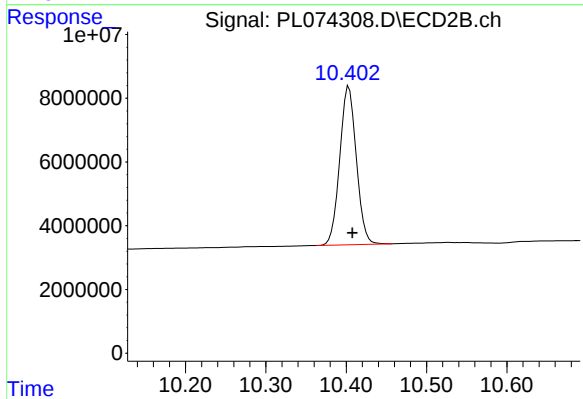
#21 Endrin ketone

R.T.: 9.927 min
Delta R.T.: -0.004 min
Response: 93069075
Conc: 53.77 ng/ml



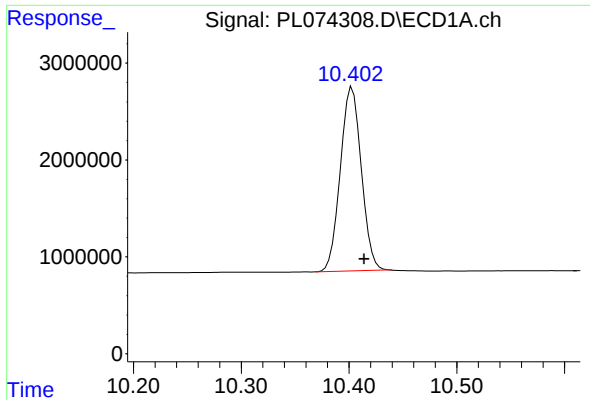
#22 Mirex

R.T.: 9.492 min
Delta R.T.: -0.010 min
Response: 23759031
Conc: 50.94 ng/ml



#22 Mirex

R.T.: 10.403 min
Delta R.T.: -0.004 min
Response: 71163766
Conc: 51.67 ng/ml



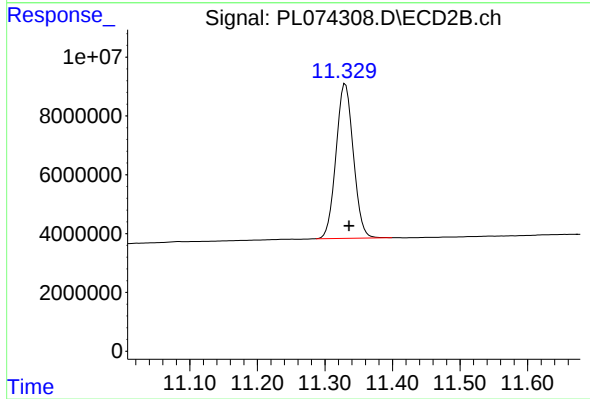
#28 Decachlorobiphenyl

R.T.: 10.402 min
Delta R.T.: -0.012 min
Response: 25678779
Conc: 49.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 11.330 min
Delta R.T.: -0.006 min
Response: 93755457
Conc: 53.08 ng/ml