

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042122\
 Data File : PL074250.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Apr 2022 09:26
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/22/2022
 Supervised By : mohammad ahmed 04/22/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 22 03:19:06 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...	4.636	5.488	16484779	88178425	51.019	49.456
28)	SA Decachlor...	10.406	11.330	22794797	87607846	43.834	49.600
Target Compounds							
2)	A alpha-BHC	5.344	6.051	21747872	129.5E6	51.822	51.436
3)	MA gamma-BHC...	5.767	6.441	21343038	120.9E6	50.890	51.092
4)	MA Heptachlor	6.178	7.100	23215833	131.2E6	51.538	50.317
5)	MB Aldrin	6.503	7.467	21100752	121.6E6	50.839	51.760
6)	B beta-BHC	6.148	6.678	10556528	54886132	51.665	48.700
7)	B delta-BHC	6.409	6.945	21240533	121.0E6	51.346	49.564
8)	B Heptachlo...	7.079	7.924	21727745	113.3E6	50.655	50.299
9)	A Endosulfan I	7.482	8.325	20818407	101.0E6	50.762	51.297
10)	B gamma-Chl...	7.357	8.192	22135484	112.6E6	50.470	50.483
11)	B alpha-Chl...	7.426	8.275	22422501	109.8E6	50.756	51.028
12)	B 4,4'-DDE	7.640	8.460	18714429	102.7E6	51.298	51.564
13)	MA Dieldrin	7.769	8.609	21486498	101.8E6	50.018	50.787
14)	MA Endrin	8.059	8.844	19972894	93230747	49.166	55.047
15)	B Endosulfa...	8.371	9.068	19499928	82576659	47.312	47.533
16)	A 4,4'-DDD	8.226	8.986	16372900	77938948	50.702	50.656m
17)	MA 4,4'-DDT	8.487	9.306	18407294	84647802	49.798	47.752
18)	B Endrin al...	8.559	9.201	15655270	62081587	48.385	48.065
19)	B Endosulfa...	8.790	9.438	20670052	79625806	48.405	47.843
20)	A Methoxychlor	9.082	9.786	11226702	42858466	45.220	44.559
21)	B Endrin ke...	9.309	9.926	24094827	85633617	49.319	49.472
22)	Mirex	9.496	10.403	22578056	67273860	48.409	48.841

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042122\
 Data File : PL074250.D
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 Acq On : 21 Apr 2022 09:26
 Operator : AR\AJ
 Sample : PSTDCCC050
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Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

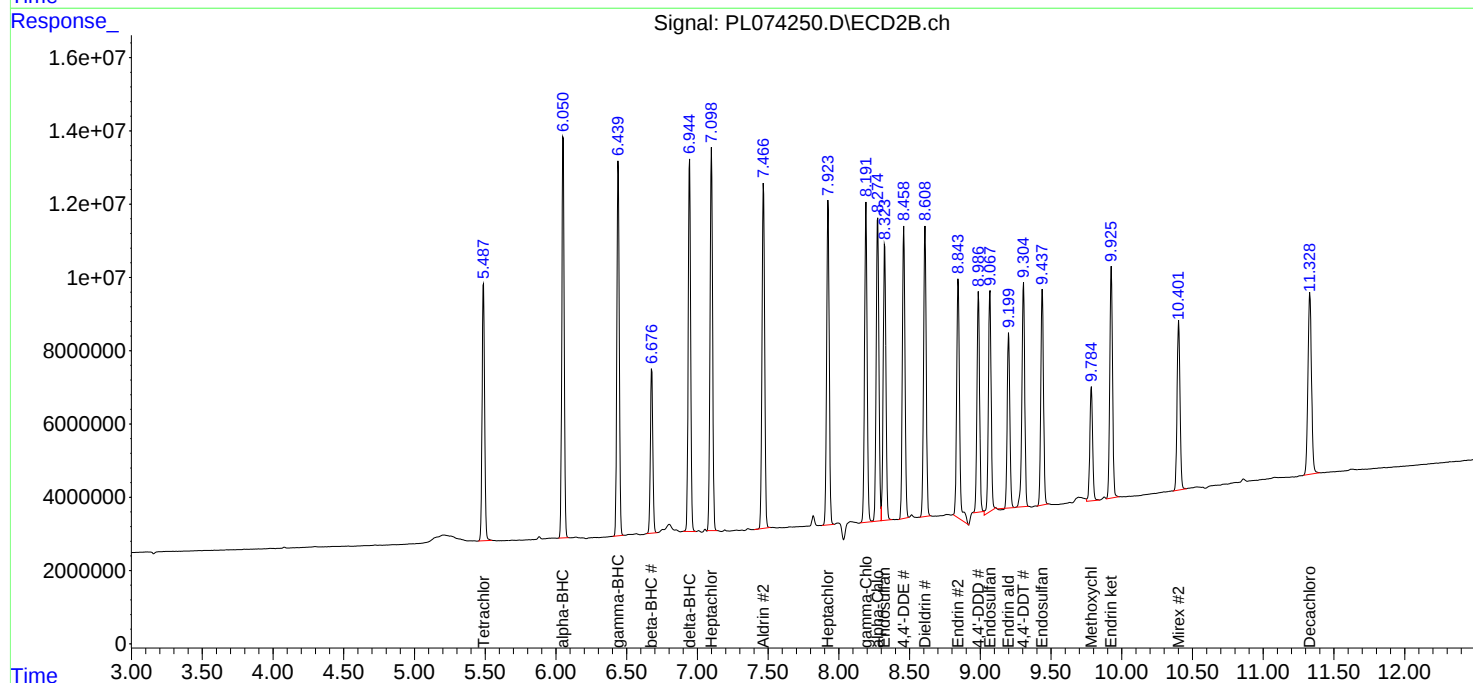
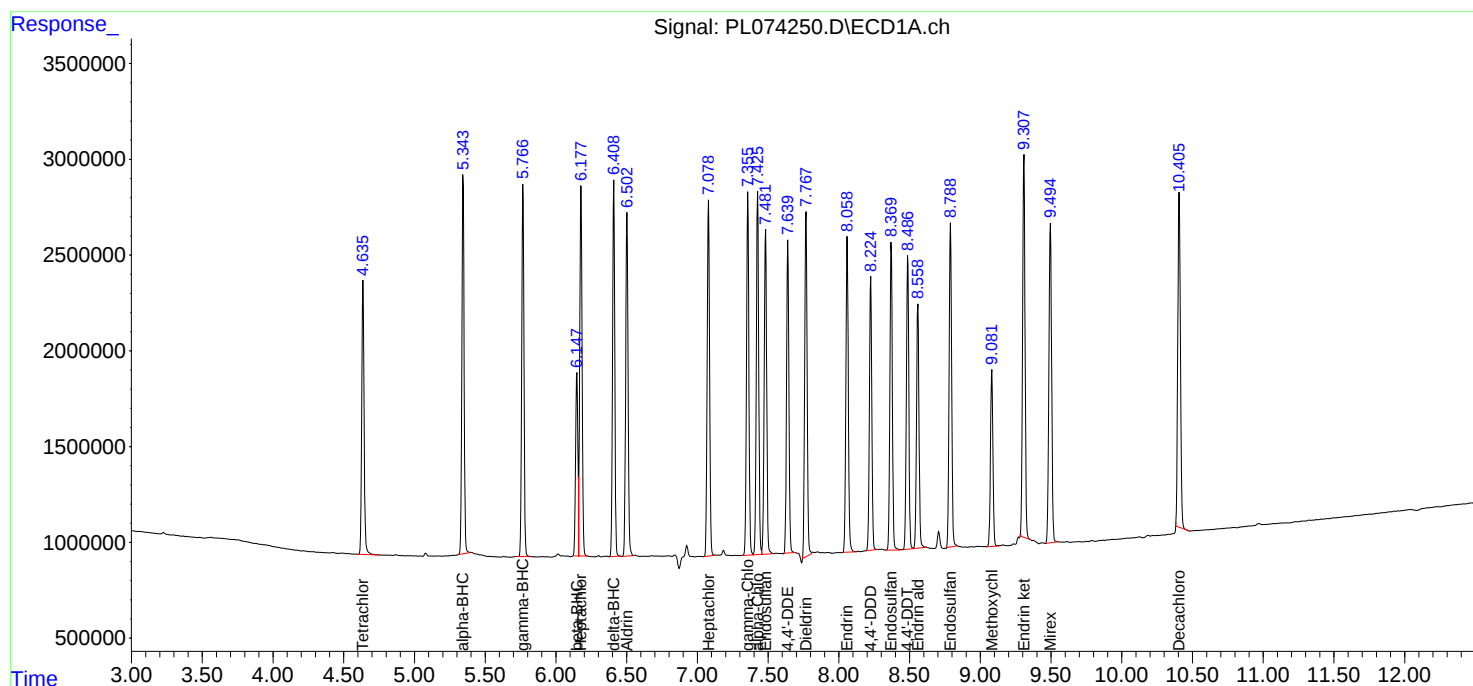
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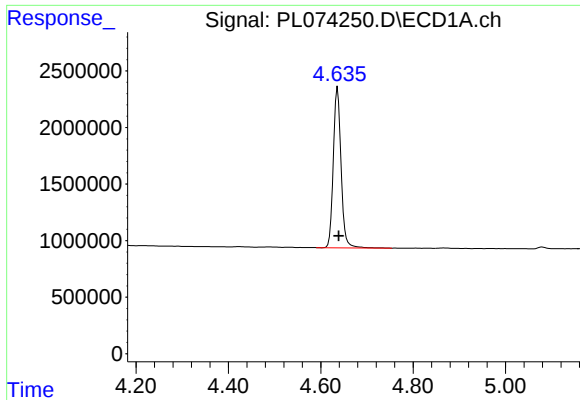
Reviewed By :Abdul Mirza 04/22/2022

Supervised By :mohammad ahmed 04/22/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 22 03:19:06 2022
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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





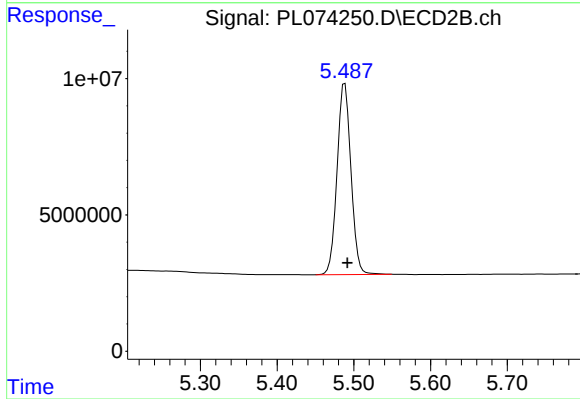
#1 Tetrachloro-m-xylene

R.T.: 4.636 min
Delta R.T.: -0.003 min
Response: 16484779
Conc: 51.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

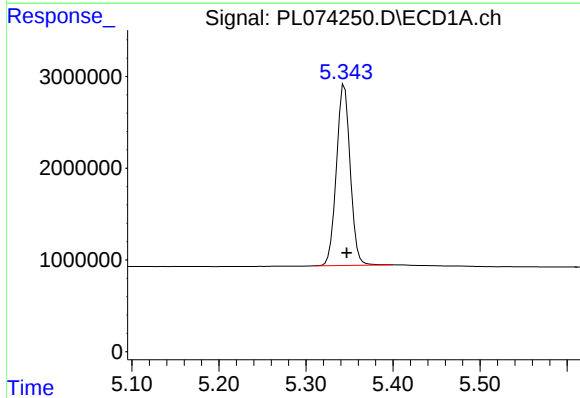
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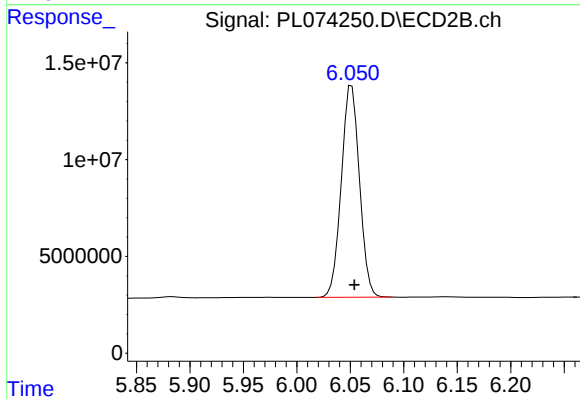
#1 Tetrachloro-m-xylene

R.T.: 5.488 min
Delta R.T.: -0.003 min
Response: 88178425
Conc: 49.46 ng/ml



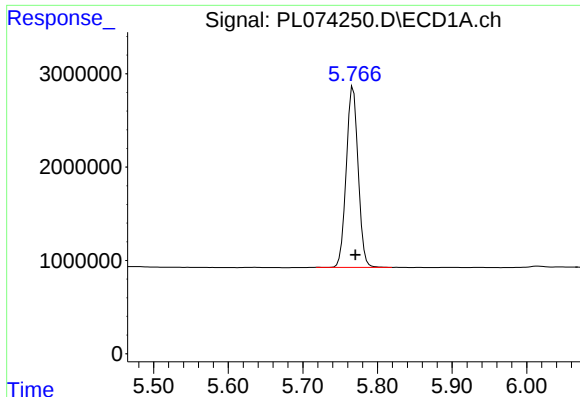
#2 alpha-BHC

R.T.: 5.344 min
Delta R.T.: -0.003 min
Response: 21747872
Conc: 51.82 ng/ml



#2 alpha-BHC

R.T.: 6.051 min
Delta R.T.: -0.003 min
Response: 129520346
Conc: 51.44 ng/ml



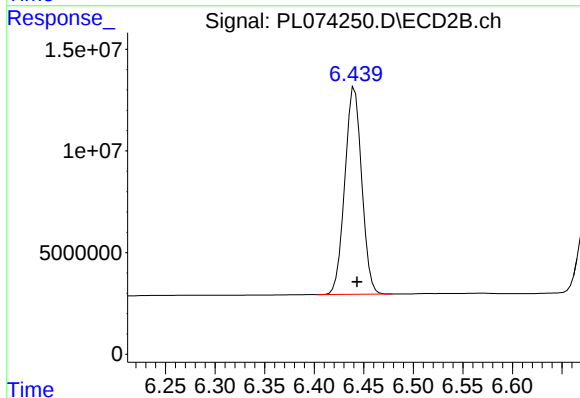
#3 gamma-BHC (Lindane)

R.T.: 5.767 min
Delta R.T.: -0.003 min
Response: 21343038
Conc: 50.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

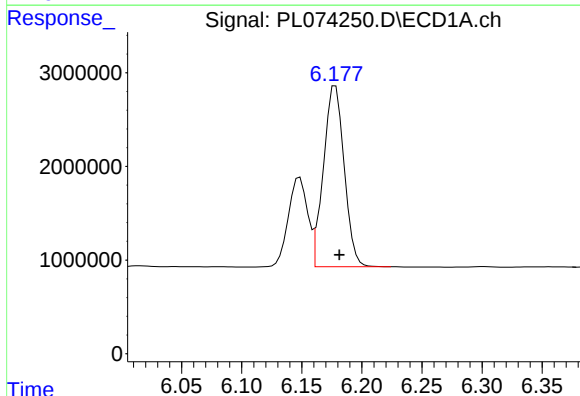
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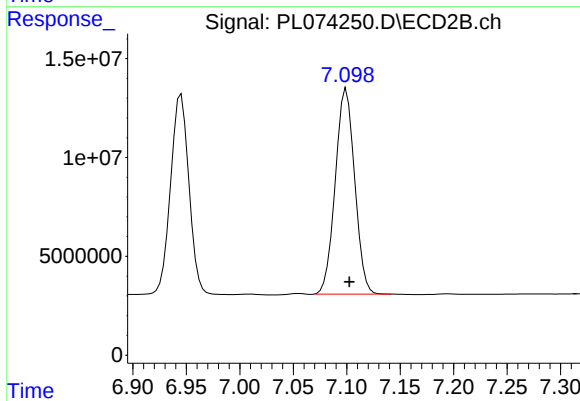
#3 gamma-BHC (Lindane)

R.T.: 6.441 min
Delta R.T.: -0.002 min
Response: 120941359
Conc: 51.09 ng/ml



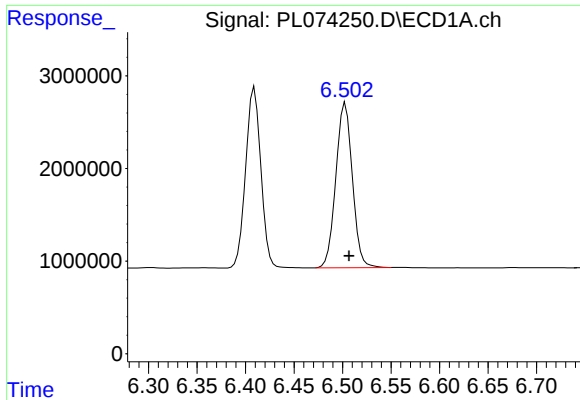
#4 Heptachlor

R.T.: 6.178 min
Delta R.T.: -0.003 min
Response: 23215833
Conc: 51.54 ng/ml



#4 Heptachlor

R.T.: 7.100 min
Delta R.T.: -0.003 min
Response: 131246975
Conc: 50.32 ng/ml



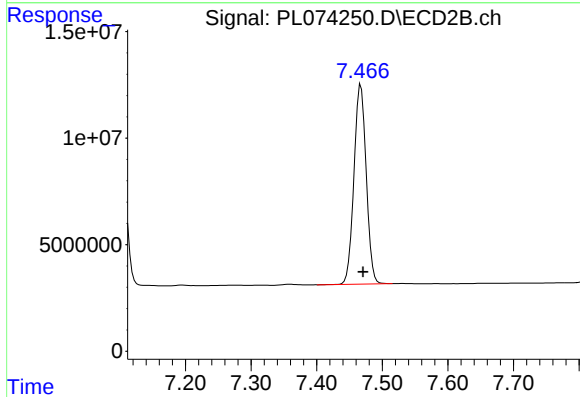
#5 Aldrin

R.T.: 6.503 min
Delta R.T.: -0.004 min
Response: 21100752
Conc: 50.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

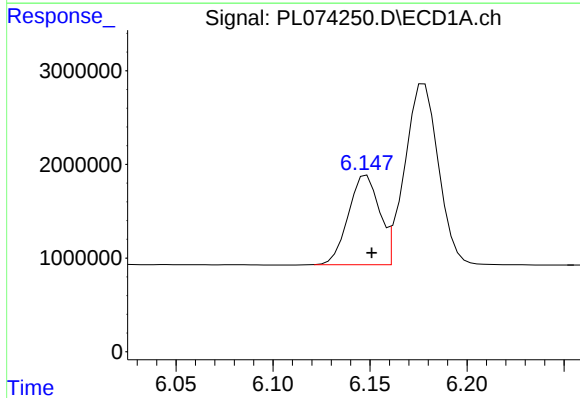
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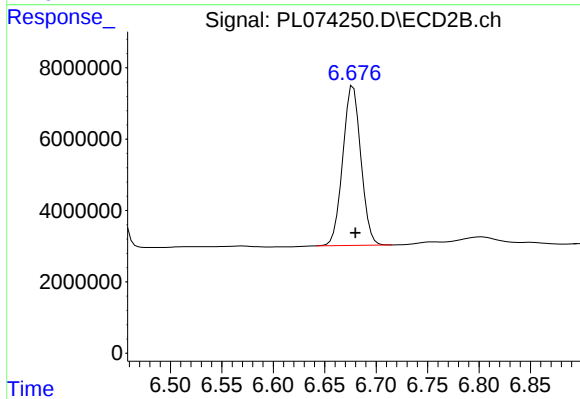
#5 Aldrin

R.T.: 7.467 min
Delta R.T.: -0.003 min
Response: 121563028
Conc: 51.76 ng/ml



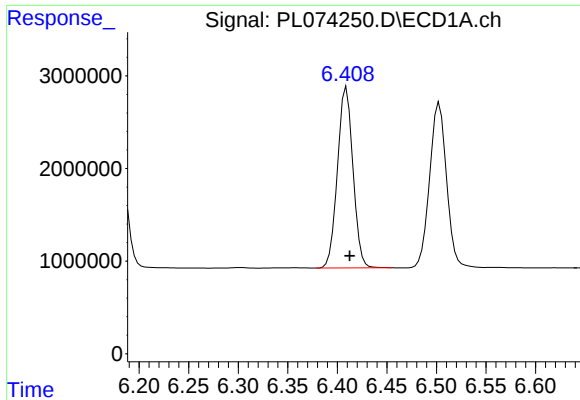
#6 beta-BHC

R.T.: 6.148 min
Delta R.T.: -0.003 min
Response: 10556528
Conc: 51.66 ng/ml



#6 beta-BHC

R.T.: 6.678 min
Delta R.T.: -0.002 min
Response: 54886132
Conc: 48.70 ng/ml



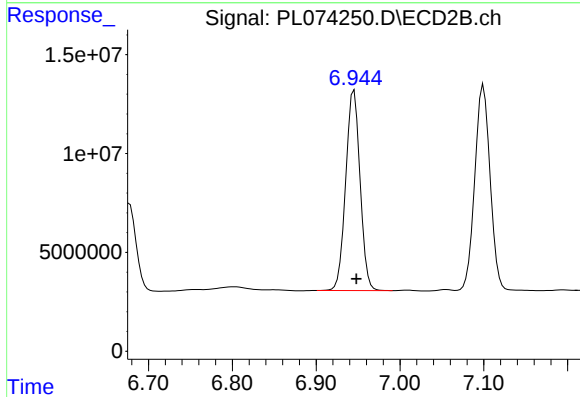
#7 delta-BHC

R.T.: 6.409 min
Delta R.T.: -0.003 min
Response: 21240533
Conc: 51.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

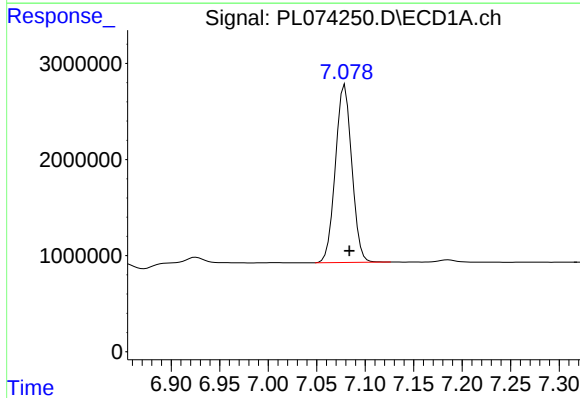
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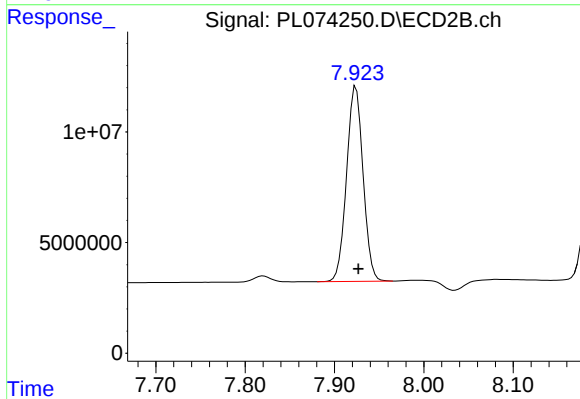
#7 delta-BHC

R.T.: 6.945 min
Delta R.T.: -0.003 min
Response: 121049357
Conc: 49.56 ng/ml



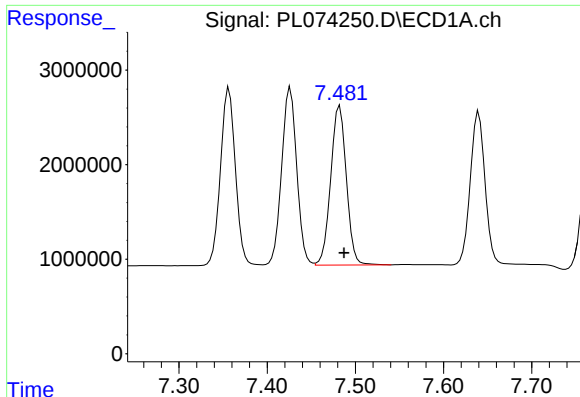
#8 Heptachlor epoxide

R.T.: 7.079 min
Delta R.T.: -0.005 min
Response: 21727745
Conc: 50.65 ng/ml



#8 Heptachlor epoxide

R.T.: 7.924 min
Delta R.T.: -0.003 min
Response: 113251968
Conc: 50.30 ng/ml



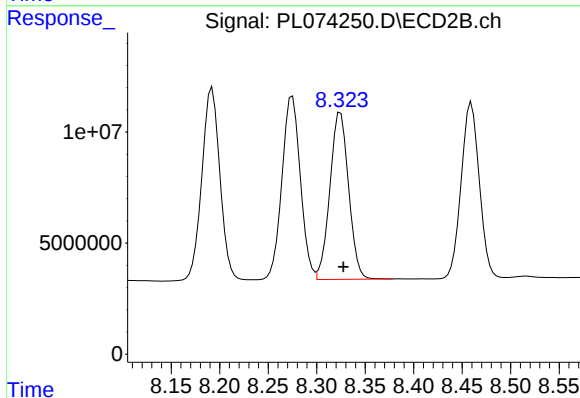
#9 Endosulfan I

R.T.: 7.482 min
Delta R.T.: -0.005 min
Response: 20818407
Conc: 50.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

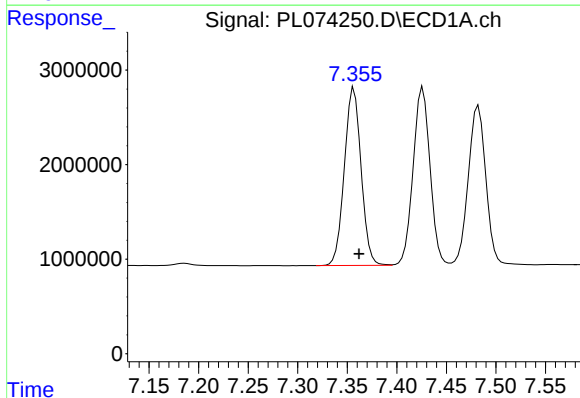
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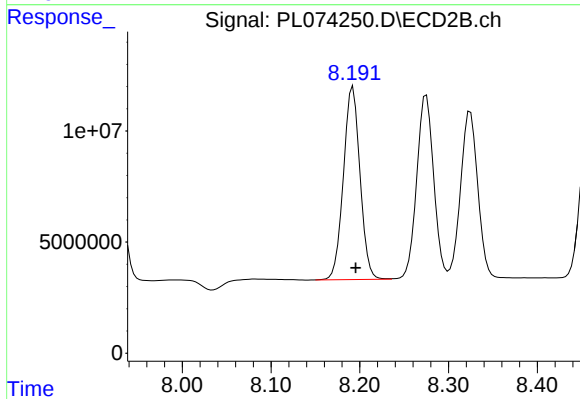
#9 Endosulfan I

R.T.: 8.325 min
Delta R.T.: -0.003 min
Response: 100985606
Conc: 51.30 ng/ml



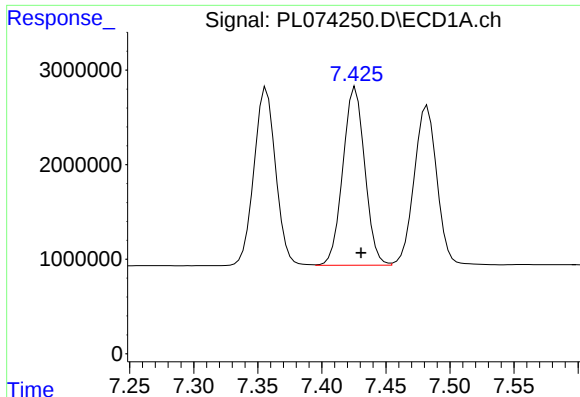
#10 gamma-Chlordane

R.T.: 7.357 min
Delta R.T.: -0.005 min
Response: 22135484
Conc: 50.47 ng/ml



#10 gamma-Chlordane

R.T.: 8.192 min
Delta R.T.: -0.003 min
Response: 112594304
Conc: 50.48 ng/ml



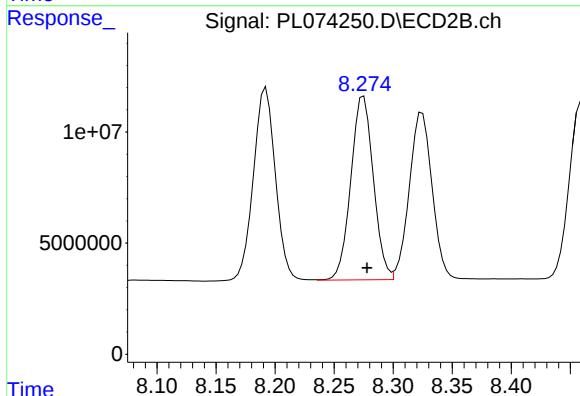
#11 alpha-Chlordane

R.T.: 7.426 min
Delta R.T.: -0.004 min
Response: 22422501
Conc: 50.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

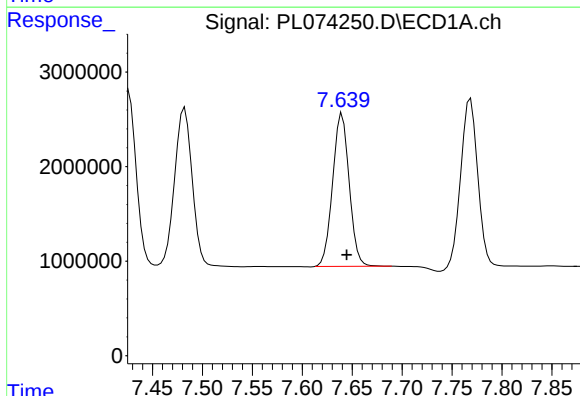
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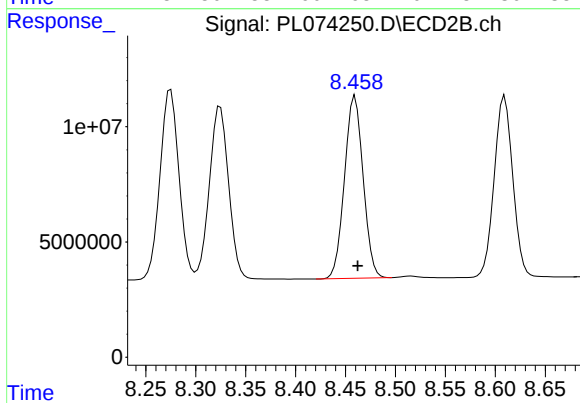
#11 alpha-Chlordane

R.T.: 8.275 min
Delta R.T.: -0.003 min
Response: 109841512
Conc: 51.03 ng/ml



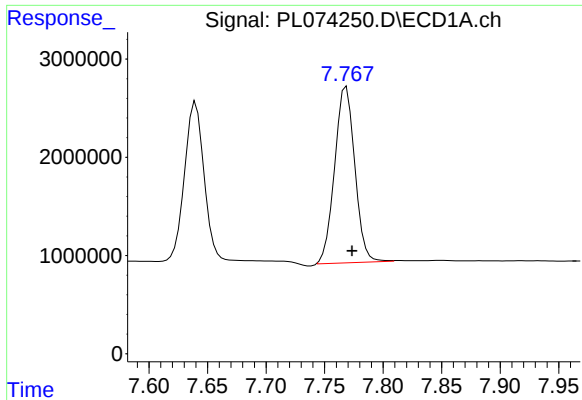
#12 4,4'-DDE

R.T.: 7.640 min
Delta R.T.: -0.005 min
Response: 18714429
Conc: 51.30 ng/ml



#12 4,4'-DDE

R.T.: 8.460 min
Delta R.T.: -0.003 min
Response: 102699126
Conc: 51.56 ng/ml



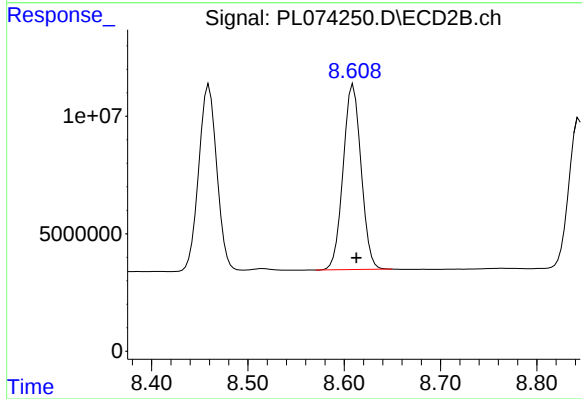
#13 Dieldrin

R.T.: 7.769 min
Delta R.T.: -0.005 min
Response: 21486498
Conc: 50.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

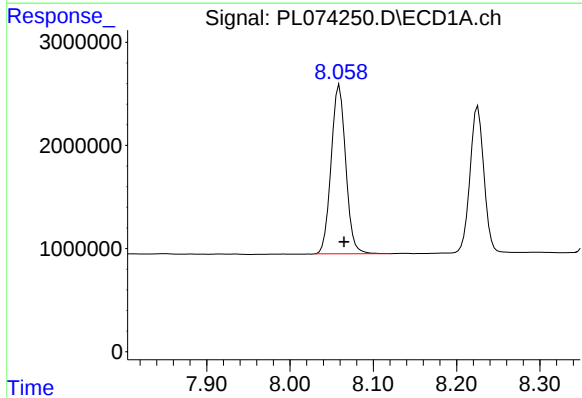
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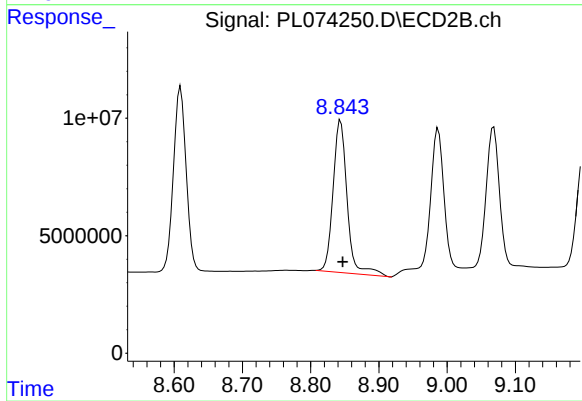
#13 Dieldrin

R.T.: 8.609 min
Delta R.T.: -0.003 min
Response: 101842536
Conc: 50.79 ng/ml



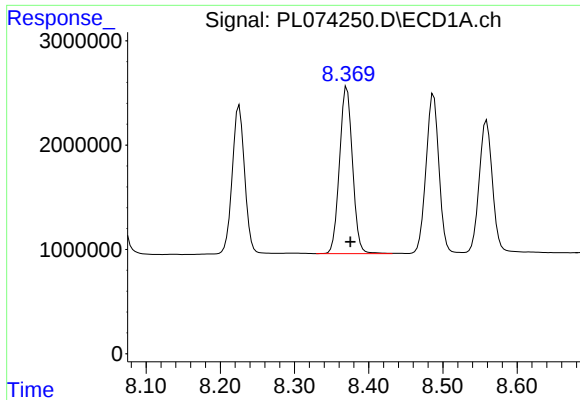
#14 Endrin

R.T.: 8.059 min
Delta R.T.: -0.006 min
Response: 19972894
Conc: 49.17 ng/ml



#14 Endrin

R.T.: 8.844 min
Delta R.T.: -0.003 min
Response: 93230747
Conc: 55.05 ng/ml



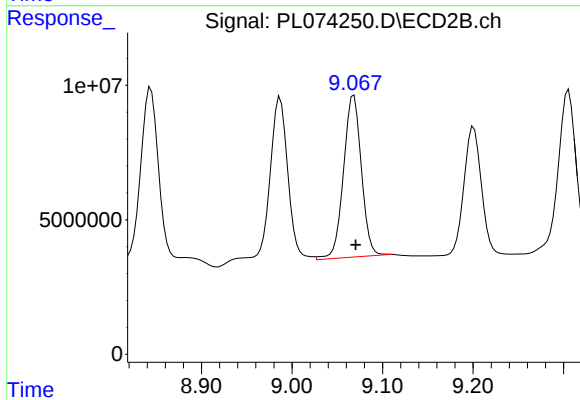
#15 Endosulfan II

R.T.: 8.371 min
Delta R.T.: -0.005 min
Response: 19499928
Conc: 47.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

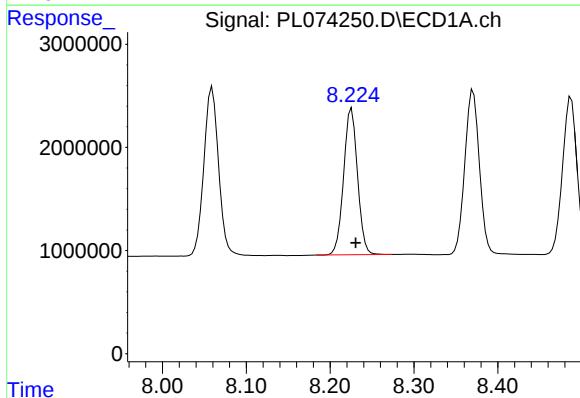
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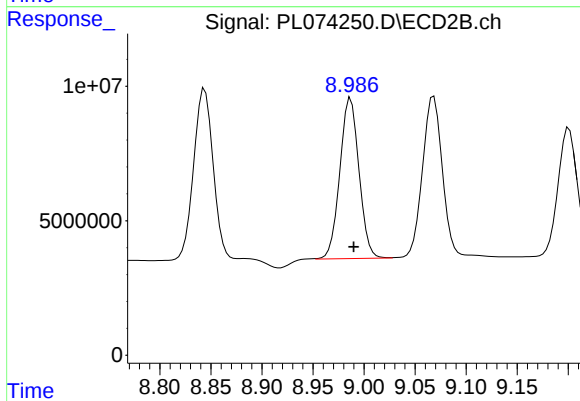
#15 Endosulfan II

R.T.: 9.068 min
Delta R.T.: -0.002 min
Response: 82576659
Conc: 47.53 ng/ml



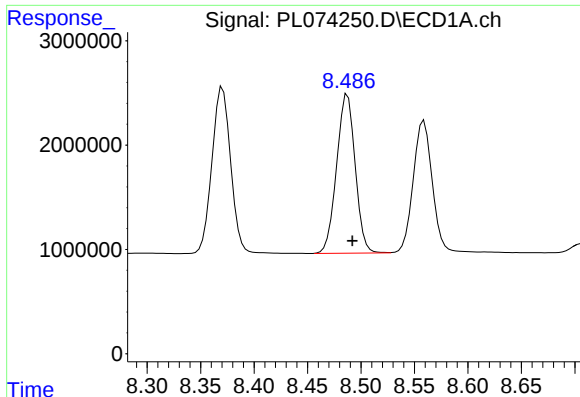
#16 4,4'-DDD

R.T.: 8.226 min
Delta R.T.: -0.005 min
Response: 16372900
Conc: 50.70 ng/ml



#16 4,4'-DDD

R.T.: 8.986 min
Delta R.T.: -0.005 min
Response: 77938948
Conc: 50.66 ng/ml m



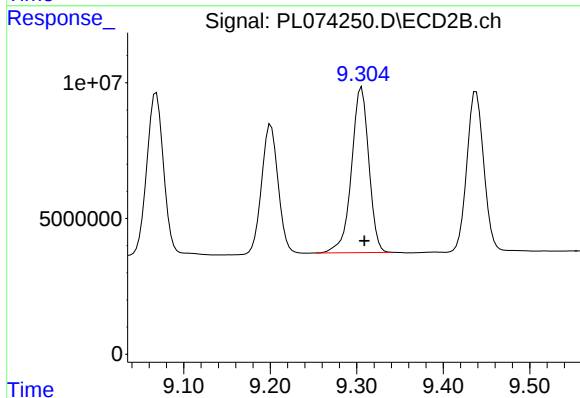
#17 4,4'-DDT

R.T.: 8.487 min
Delta R.T.: -0.005 min
Response: 18407294
Conc: 49.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

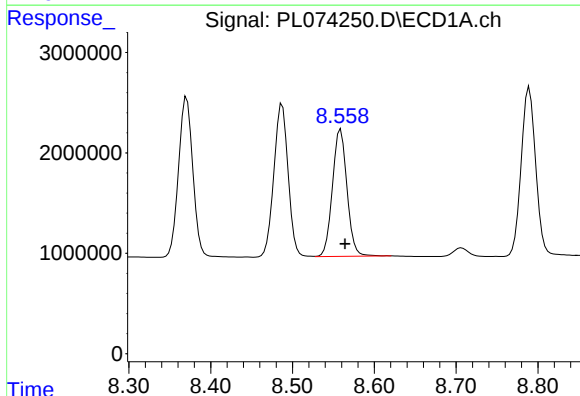
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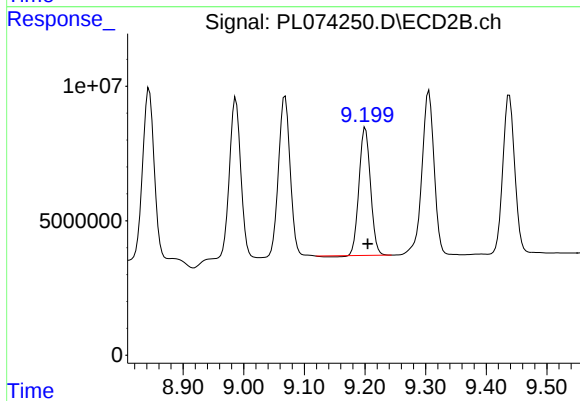
#17 4,4'-DDT

R.T.: 9.306 min
Delta R.T.: -0.003 min
Response: 84647802
Conc: 47.75 ng/ml



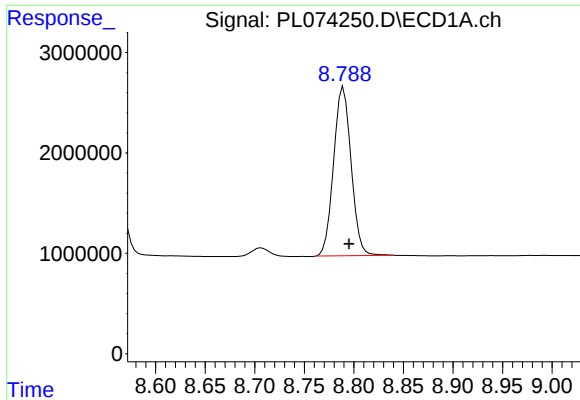
#18 Endrin aldehyde

R.T.: 8.559 min
Delta R.T.: -0.005 min
Response: 15655270
Conc: 48.39 ng/ml



#18 Endrin aldehyde

R.T.: 9.201 min
Delta R.T.: -0.004 min
Response: 62081587
Conc: 48.06 ng/ml



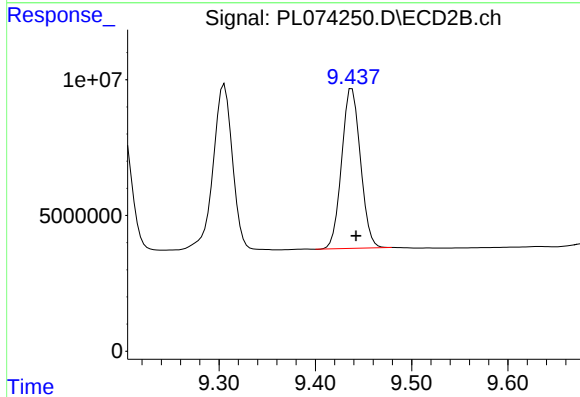
#19 Endosulfan Sulfate

R.T.: 8.790 min
Delta R.T.: -0.005 min
Response: 20670052
Conc: 48.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

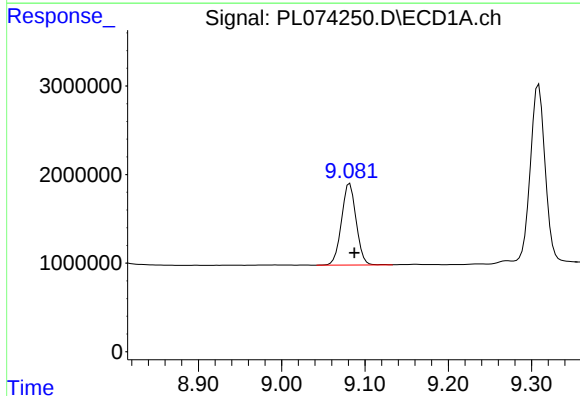
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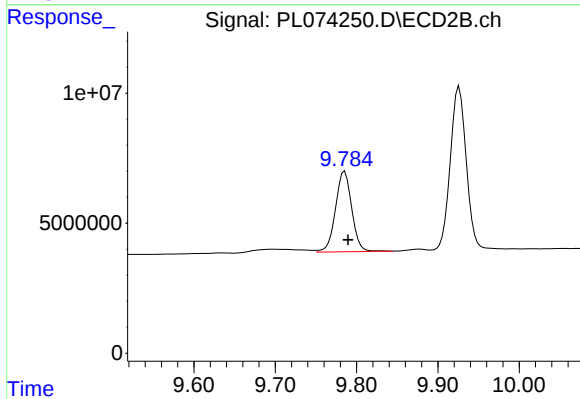
#19 Endosulfan Sulfate

R.T.: 9.438 min
Delta R.T.: -0.004 min
Response: 79625806
Conc: 47.84 ng/ml



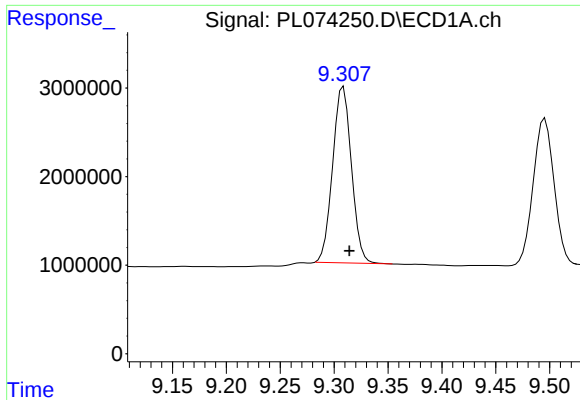
#20 Methoxychlor

R.T.: 9.082 min
Delta R.T.: -0.005 min
Response: 11226702
Conc: 45.22 ng/ml



#20 Methoxychlor

R.T.: 9.786 min
Delta R.T.: -0.004 min
Response: 42858466
Conc: 44.56 ng/ml



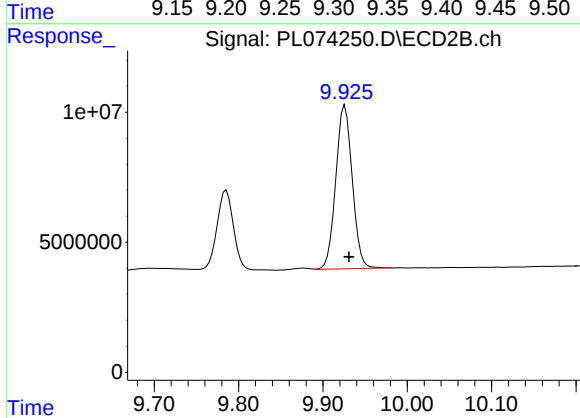
#21 Endrin ketone

R.T.: 9.309 min
Delta R.T.: -0.006 min
Response: 24094827
Conc: 49.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

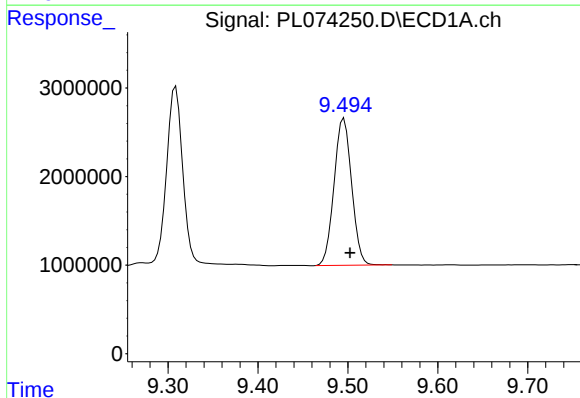
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/22/2022
Supervised By :mohammad ahmed 04/22/2022



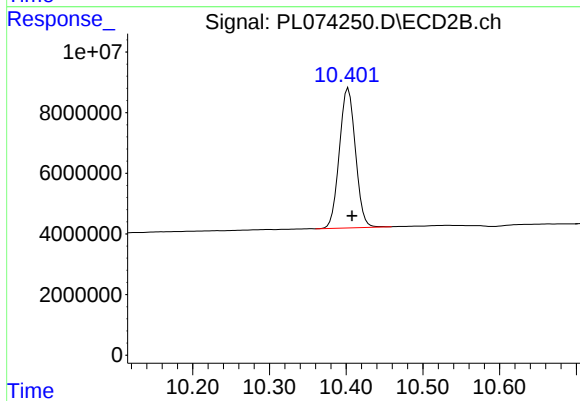
#21 Endrin ketone

R.T.: 9.926 min
Delta R.T.: -0.005 min
Response: 85633617
Conc: 49.47 ng/ml



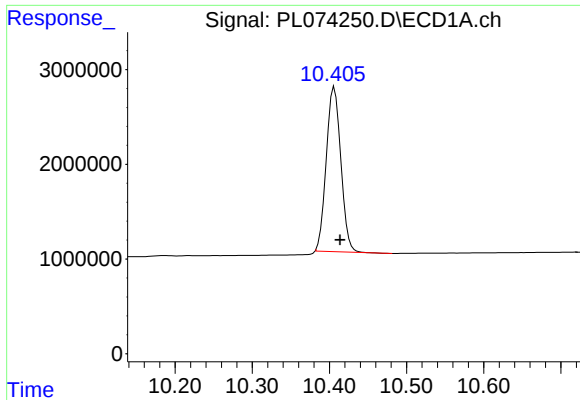
#22 Mirex

R.T.: 9.496 min
Delta R.T.: -0.007 min
Response: 22578056
Conc: 48.41 ng/ml



#22 Mirex

R.T.: 10.403 min
Delta R.T.: -0.005 min
Response: 67273860
Conc: 48.84 ng/ml



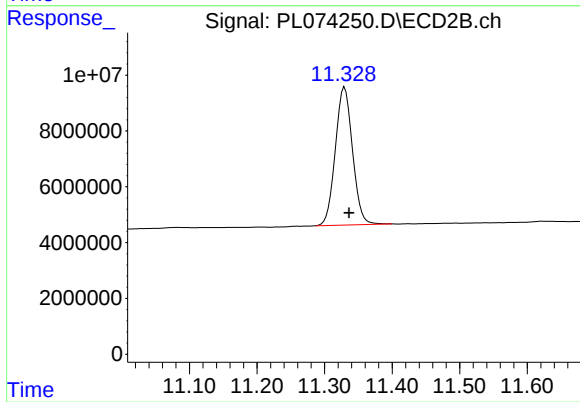
#28 Decachlorobiphenyl

R.T.: 10.406 min
Delta R.T.: -0.007 min
Response: 22794797
Conc: 43.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

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#28 Decachlorobiphenyl

R.T.: 11.330 min
Delta R.T.: -0.006 min
Response: 87607846
Conc: 49.60 ng/ml