

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051322\
 Data File : PL074708.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 May 2022 19:26
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/16/2022
 Supervised By : mohammad ahmed 05/16/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 15 22:32:53 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051122.M
 Quant Title : GC Extractables
 QLast Update : Sat May 14 02:37:15 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...	5.647	4.653	25119609	62931879	49.474	45.851
28)	SA Decachlor...	11.645	10.403	23726025	53065294	53.128	51.700
Target Compounds							
2)	A alpha-BHC	6.230	5.355	35075711	84648014	51.269	50.299
3)	MA gamma-BHC...	6.628	5.775	33530733	81477131	51.946	49.308
4)	MA Heptachlor	7.284	6.185	32809423	76022709	50.838	50.086
5)	MB Aldrin	7.658	6.510	31356162	73517957	50.617	48.997
6)	B beta-BHC	6.879	6.151	15605800	38749383	52.289	48.805
7)	B delta-BHC	7.150	6.413	32219247	79539404	51.383	50.866
8)	B Heptachlo...	8.125	7.084	29520718	68876468	51.905	49.488
9)	A Endosulfan I	8.534	7.485	29579679	63123508	51.309	50.453
10)	B gamma-Chl...	8.396	7.360	28336866	68930331	54.783	49.739
11)	B alpha-Chl...	8.478	7.429	31542089	68553976	51.666	50.712
12)	B 4,4'-DDE	8.663	7.641	25172684	60298231	54.377	51.243
13)	MA Dieldrin	8.824	7.771	27589984	66690934	52.492	52.351
14)	MA Endrin	9.065	8.061	22350759	53791428	54.162	50.924
15)	B Endosulfa...	9.298	8.370	22414412	58319581	50.987	51.628
16)	A 4,4'-DDD	9.205	8.225	22418331	50445582	49.584	51.207
17)	MA 4,4'-DDT	9.525	8.486	24606876	50823735	53.536	50.798
18)	B Endrin al...	9.432	8.558	18619173	41211149	52.609m	51.599
19)	B Endosulfa...	9.672	8.789	23877854	54846655	52.830	50.385
20)	A Methoxychlor	10.011	9.079	12746369	29967291	52.045	51.279
21)	B Endrin ke...	10.174	9.307	27042165	60146019	52.730	53.948
22)	Mirex	10.648	9.496	21180470	49418134	52.491	51.020

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051322\
 Data File : PL074708.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 May 2022 19:26
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

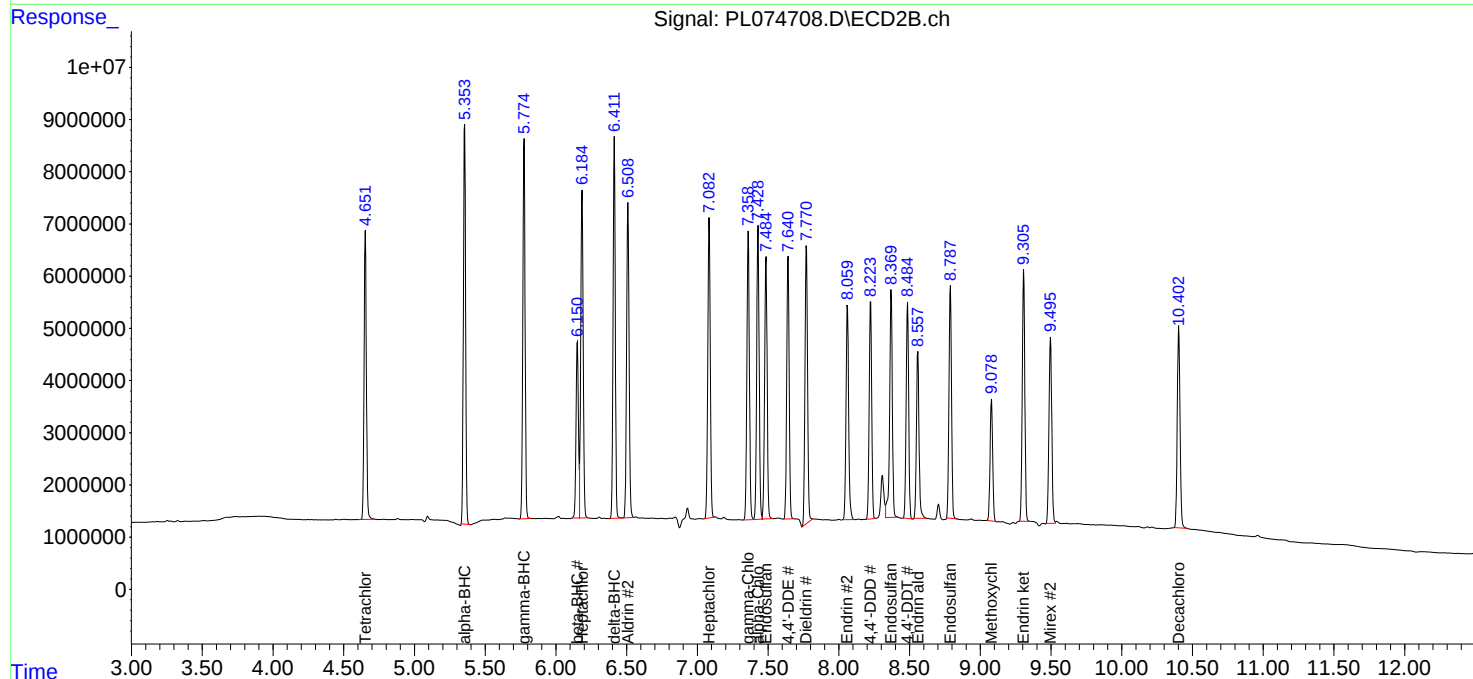
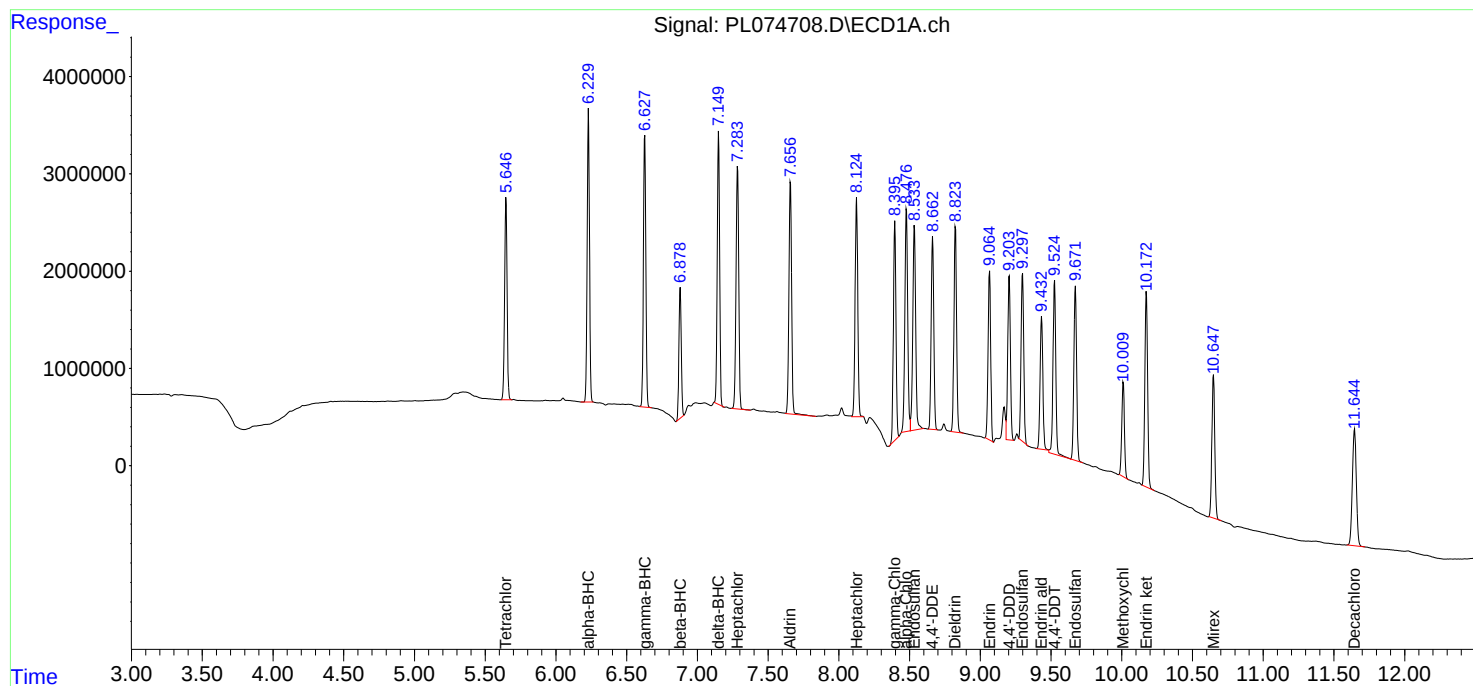
APPROVED

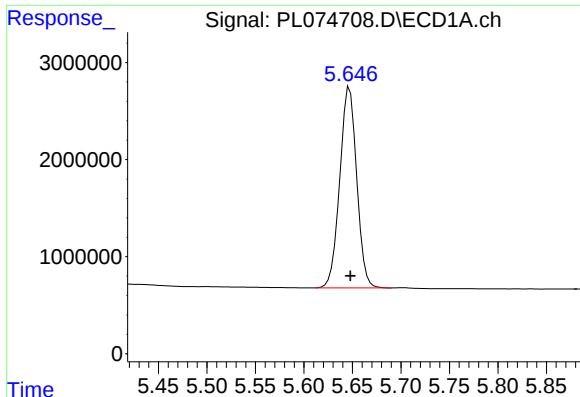
Reviewed By :Abdul Mirza 05/16/2022

Supervised By :mohammad ahmed 05/16/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 15 22:32:53 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051122.M
 Quant Title : GC Extractables
 QLast Update : Sat May 14 02:37:15 2022
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





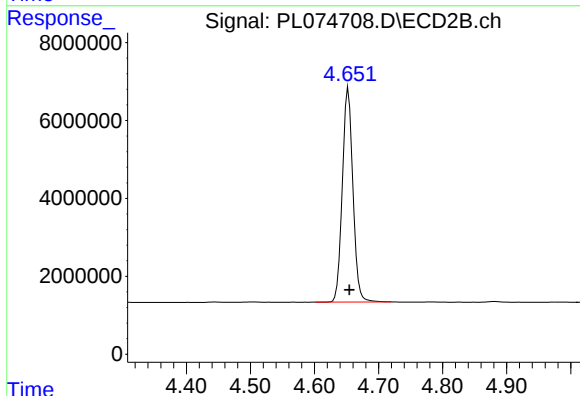
#1 Tetrachloro-m-xylene

R.T.: 5.647 min
Delta R.T.: 0.000 min
Response: 25119609
Conc: 49.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

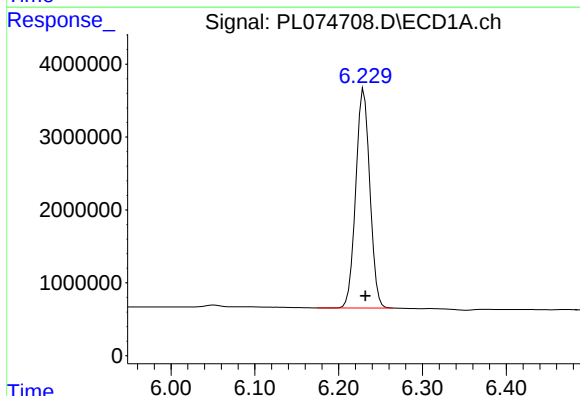
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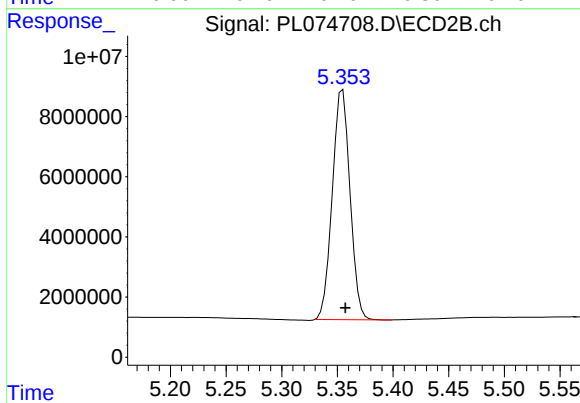
#1 Tetrachloro-m-xylene

R.T.: 4.653 min
Delta R.T.: -0.001 min
Response: 62931879
Conc: 45.85 ng/ml



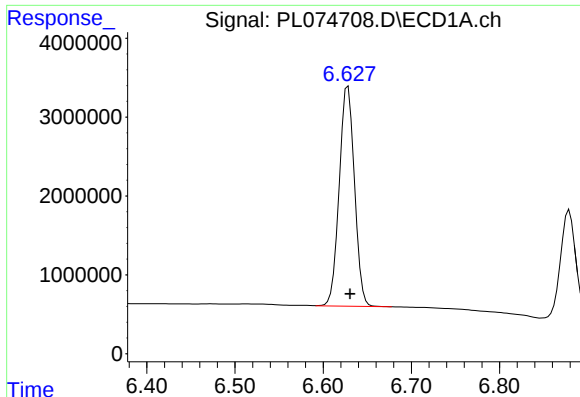
#2 alpha-BHC

R.T.: 6.230 min
Delta R.T.: -0.002 min
Response: 35075711
Conc: 51.27 ng/ml



#2 alpha-BHC

R.T.: 5.355 min
Delta R.T.: -0.002 min
Response: 84648014
Conc: 50.30 ng/ml



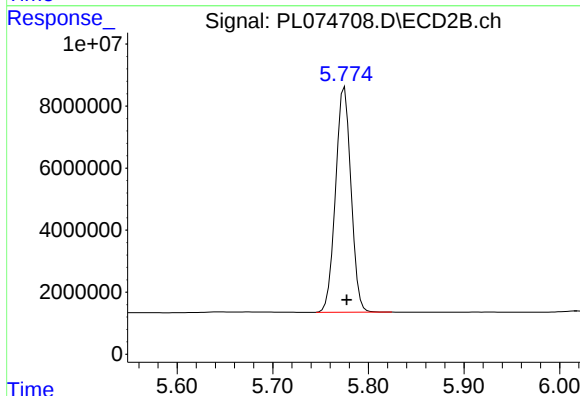
#3 gamma-BHC (Lindane)

R.T.: 6.628 min
Delta R.T.: -0.002 min
Response: 33530733
Conc: 51.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

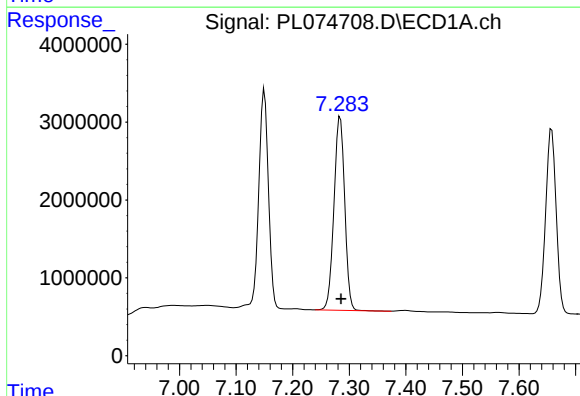
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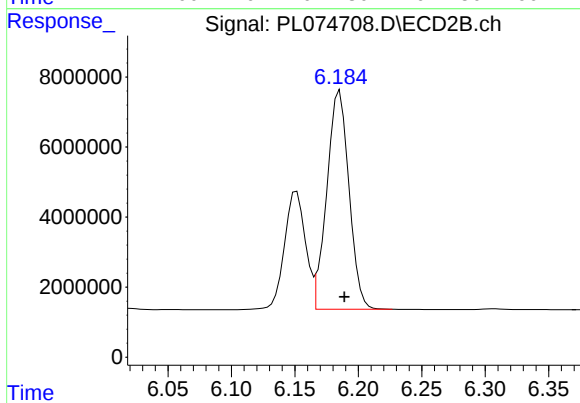
#3 gamma-BHC (Lindane)

R.T.: 5.775 min
Delta R.T.: -0.002 min
Response: 81477131
Conc: 49.31 ng/ml



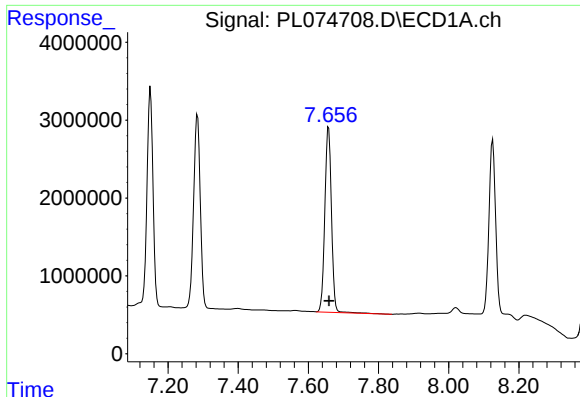
#4 Heptachlor

R.T.: 7.284 min
Delta R.T.: -0.002 min
Response: 32809423
Conc: 50.84 ng/ml



#4 Heptachlor

R.T.: 6.185 min
Delta R.T.: -0.004 min
Response: 76022709
Conc: 50.09 ng/ml



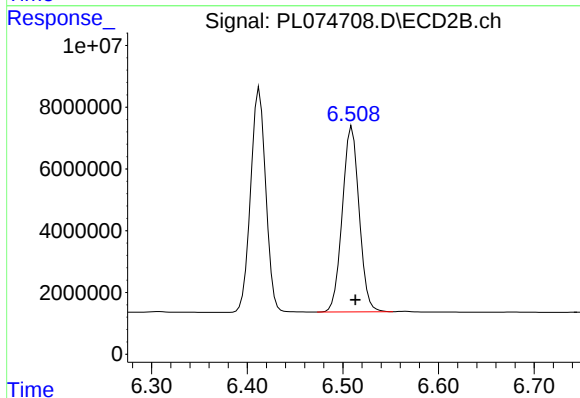
#5 Aldrin

R.T.: 7.658 min
Delta R.T.: -0.002 min
Response: 31356162
Conc: 50.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

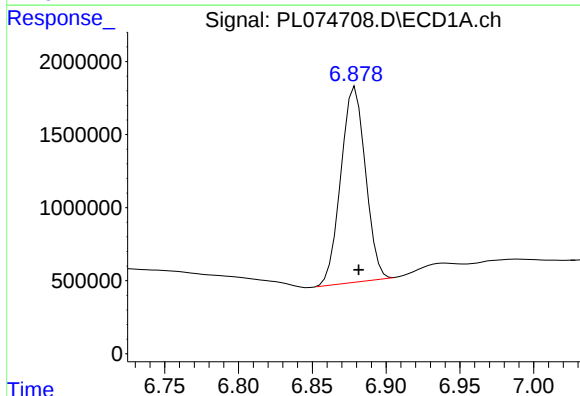
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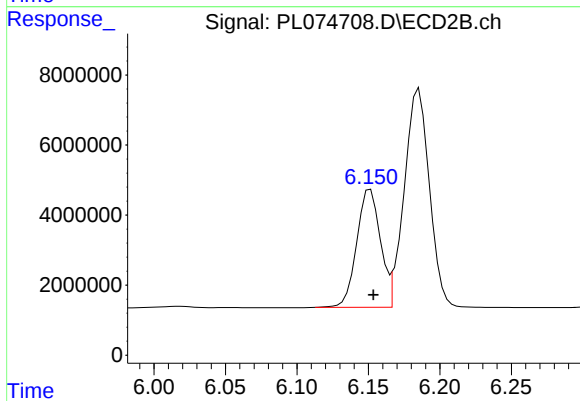
#5 Aldrin

R.T.: 6.510 min
Delta R.T.: -0.004 min
Response: 73517957
Conc: 49.00 ng/ml



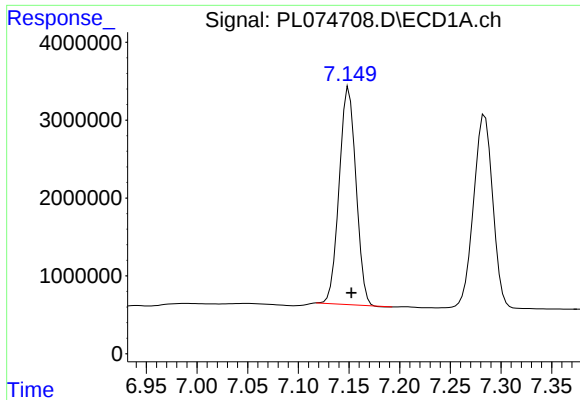
#6 beta-BHC

R.T.: 6.879 min
Delta R.T.: -0.002 min
Response: 15605800
Conc: 52.29 ng/ml



#6 beta-BHC

R.T.: 6.151 min
Delta R.T.: -0.002 min
Response: 38749383
Conc: 48.80 ng/ml



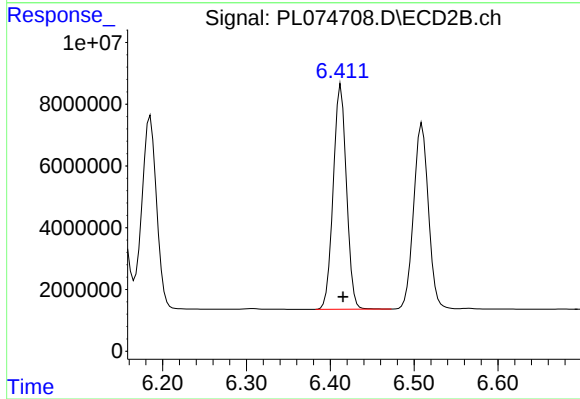
#7 delta-BHC

R.T.: 7.150 min
Delta R.T.: -0.002 min
Response: 32219247
Conc: 51.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

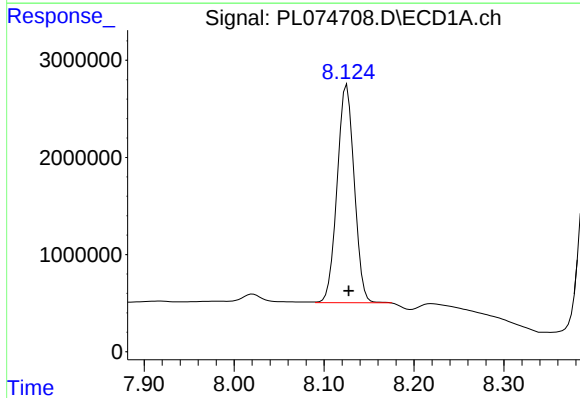
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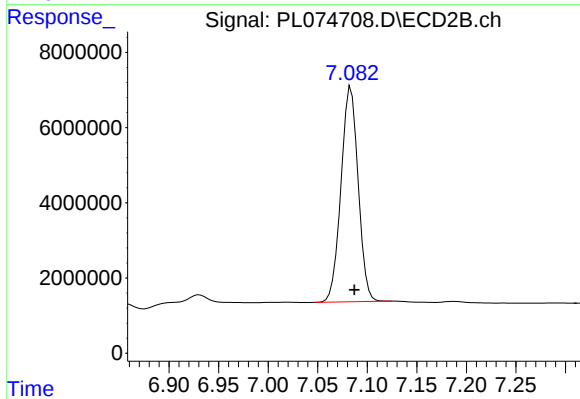
#7 delta-BHC

R.T.: 6.413 min
Delta R.T.: -0.003 min
Response: 79539404
Conc: 50.87 ng/ml



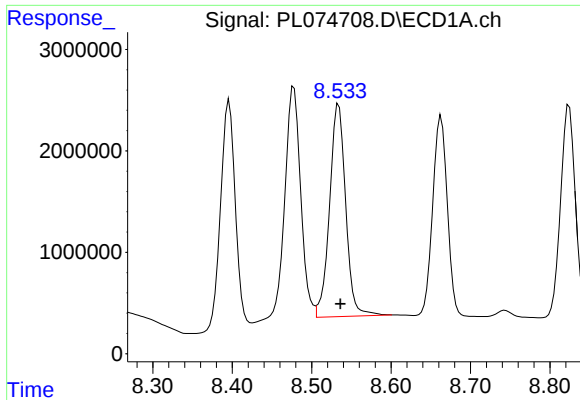
#8 Heptachlor epoxide

R.T.: 8.125 min
Delta R.T.: -0.002 min
Response: 29520718
Conc: 51.90 ng/ml



#8 Heptachlor epoxide

R.T.: 7.084 min
Delta R.T.: -0.003 min
Response: 68876468
Conc: 49.49 ng/ml



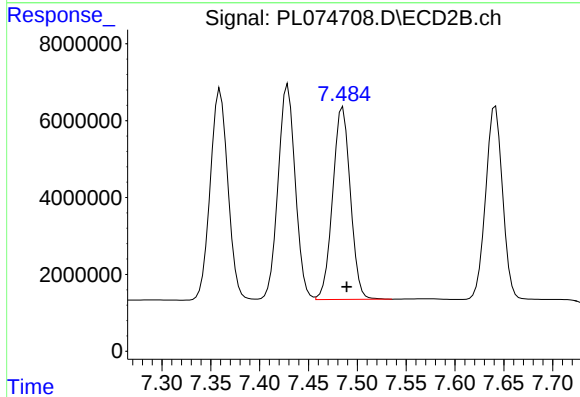
#9 Endosulfan I

R.T.: 8.534 min
Delta R.T.: -0.002 min
Response: 29579679
Conc: 51.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

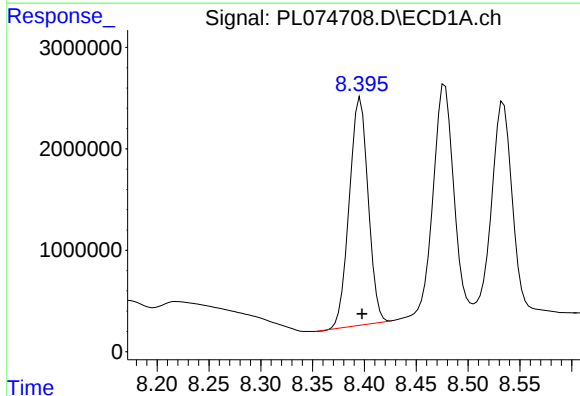
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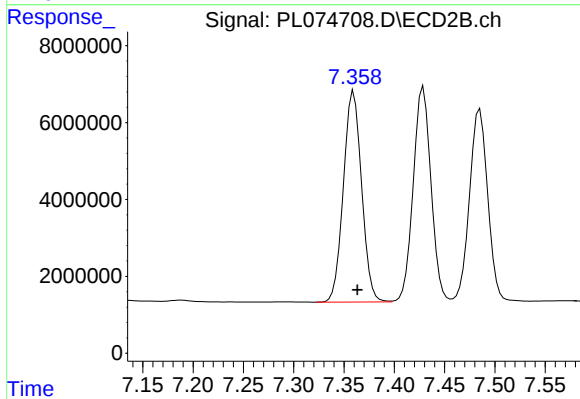
#9 Endosulfan I

R.T.: 7.485 min
Delta R.T.: -0.004 min
Response: 63123508
Conc: 50.45 ng/ml



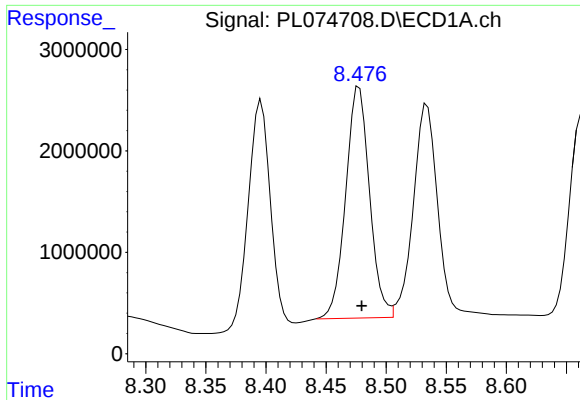
#10 gamma-Chlordane

R.T.: 8.396 min
Delta R.T.: -0.002 min
Response: 28336866
Conc: 54.78 ng/ml



#10 gamma-Chlordane

R.T.: 7.360 min
Delta R.T.: -0.004 min
Response: 68930331
Conc: 49.74 ng/ml



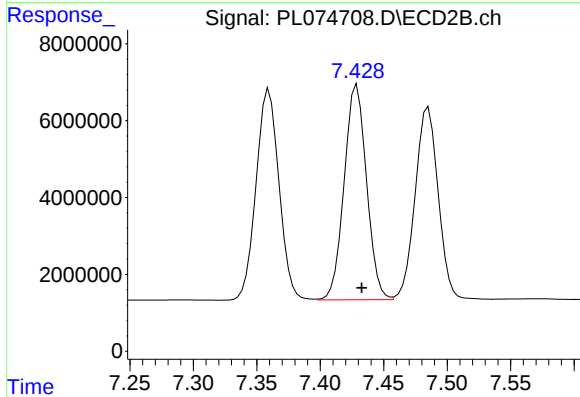
#11 alpha-Chlordane

R.T.: 8.478 min
Delta R.T.: -0.002 min
Response: 31542089
Conc: 51.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

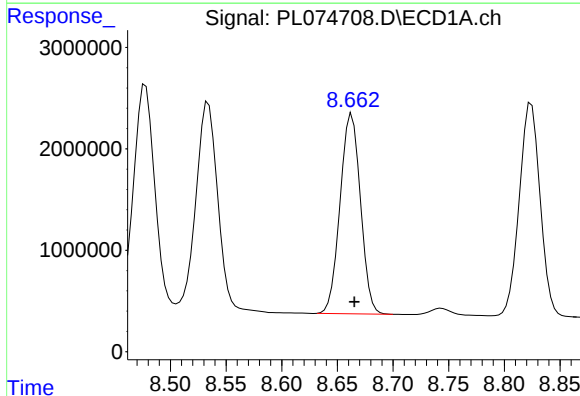
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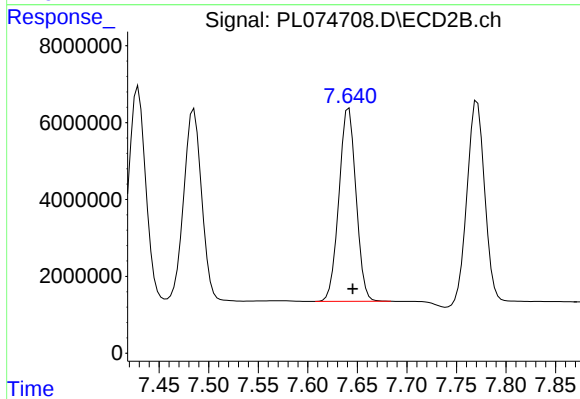
#11 alpha-Chlordane

R.T.: 7.429 min
Delta R.T.: -0.004 min
Response: 68553976
Conc: 50.71 ng/ml



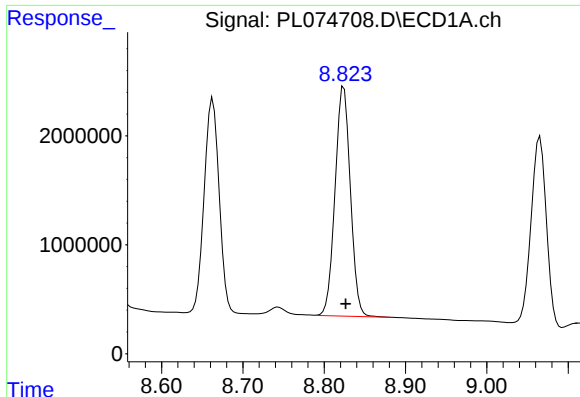
#12 4,4'-DDE

R.T.: 8.663 min
Delta R.T.: -0.003 min
Response: 25172684
Conc: 54.38 ng/ml



#12 4,4'-DDE

R.T.: 7.641 min
Delta R.T.: -0.004 min
Response: 60298231
Conc: 51.24 ng/ml



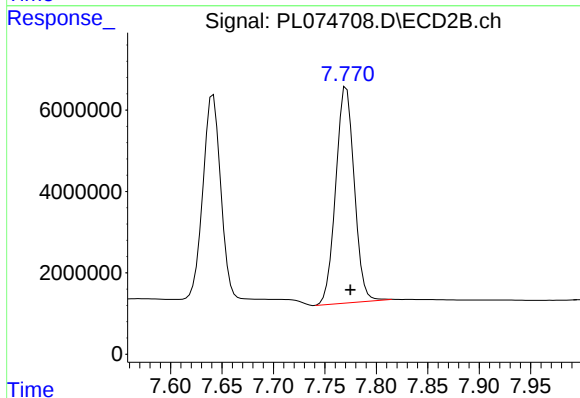
#13 Dieldrin

R.T.: 8.824 min
Delta R.T.: -0.002 min
Response: 27589984
Conc: 52.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

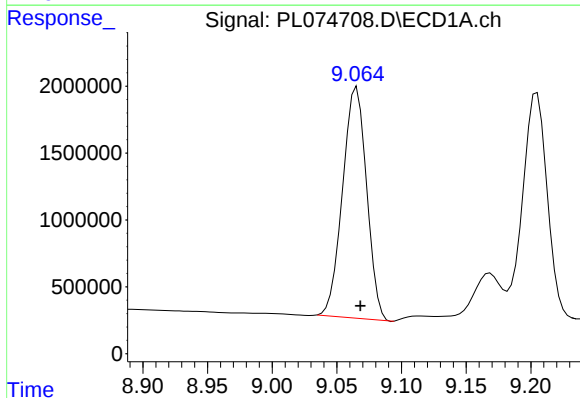
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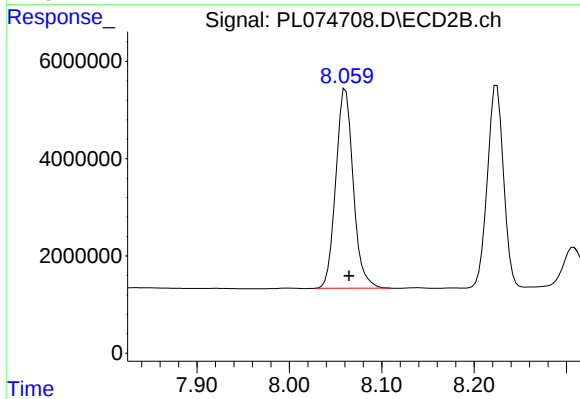
#13 Dieldrin

R.T.: 7.771 min
Delta R.T.: -0.004 min
Response: 66690934
Conc: 52.35 ng/ml



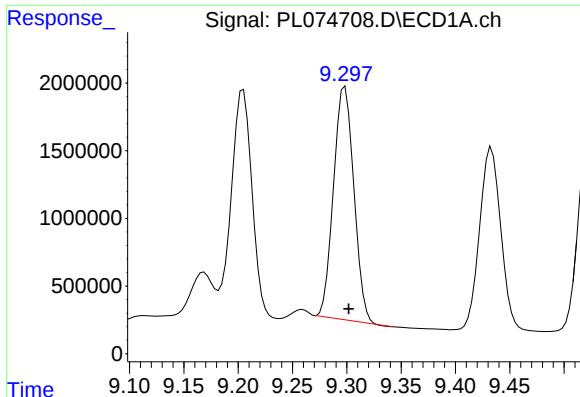
#14 Endrin

R.T.: 9.065 min
Delta R.T.: -0.003 min
Response: 22350759
Conc: 54.16 ng/ml



#14 Endrin

R.T.: 8.061 min
Delta R.T.: -0.004 min
Response: 53791428
Conc: 50.92 ng/ml



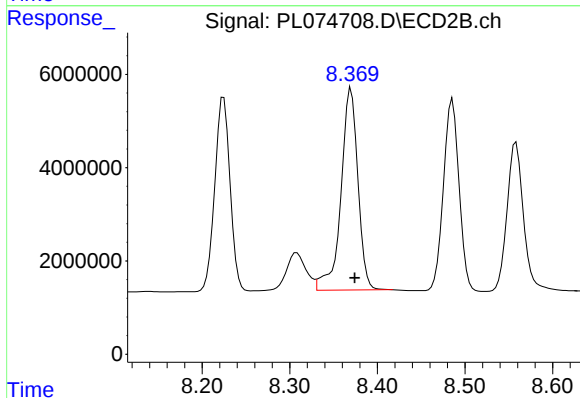
#15 Endosulfan II

R.T.: 9.298 min
Delta R.T.: -0.003 min
Response: 22414412
Conc: 50.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

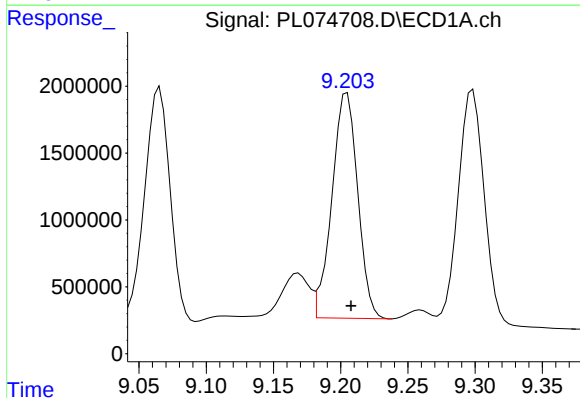
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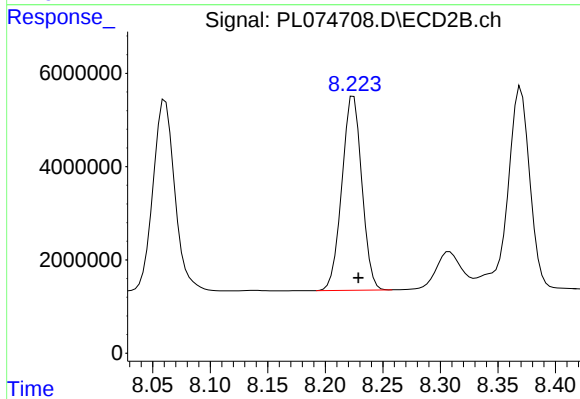
#15 Endosulfan II

R.T.: 8.370 min
Delta R.T.: -0.004 min
Response: 58319581
Conc: 51.63 ng/ml



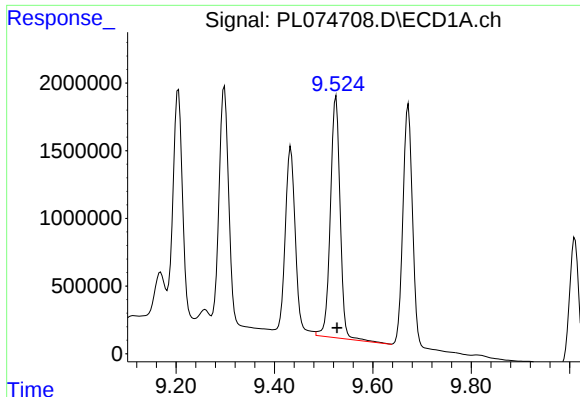
#16 4,4'-DDD

R.T.: 9.205 min
Delta R.T.: -0.003 min
Response: 22418331
Conc: 49.58 ng/ml



#16 4,4'-DDD

R.T.: 8.225 min
Delta R.T.: -0.004 min
Response: 50445582
Conc: 51.21 ng/ml



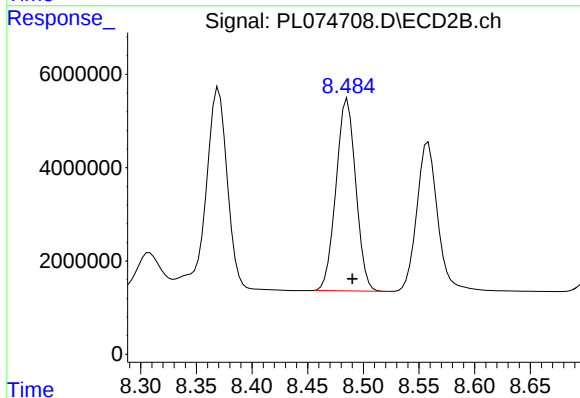
#17 4,4'-DDT

R.T.: 9.525 min
Delta R.T.: -0.002 min
Response: 24606876
Conc: 53.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

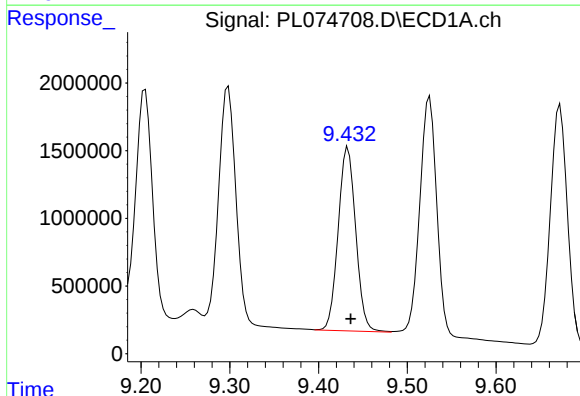
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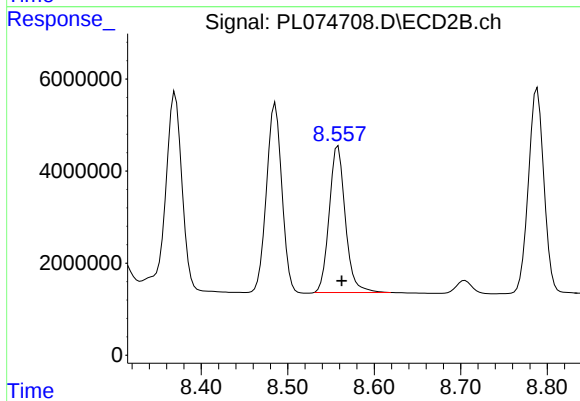
#17 4,4'-DDT

R.T.: 8.486 min
Delta R.T.: -0.004 min
Response: 50823735
Conc: 50.80 ng/ml



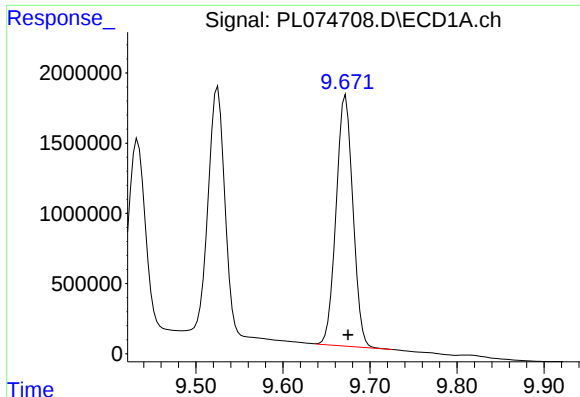
#18 Endrin aldehyde

R.T.: 9.432 min
Delta R.T.: -0.004 min
Response: 18619173
Conc: 52.61 ng/ml m



#18 Endrin aldehyde

R.T.: 8.558 min
Delta R.T.: -0.004 min
Response: 41211149
Conc: 51.60 ng/ml



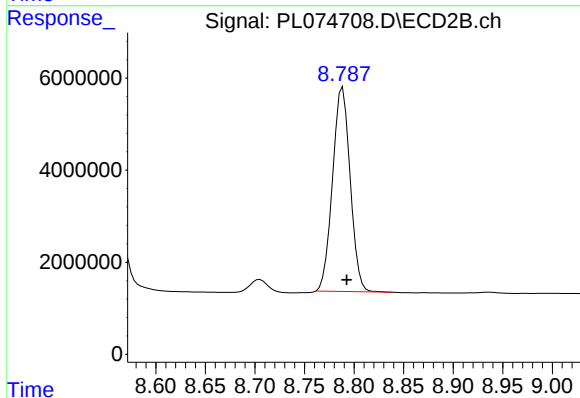
#19 Endosulfan Sulfate

R.T.: 9.672 min
Delta R.T.: -0.003 min
Response: 23877854
Conc: 52.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

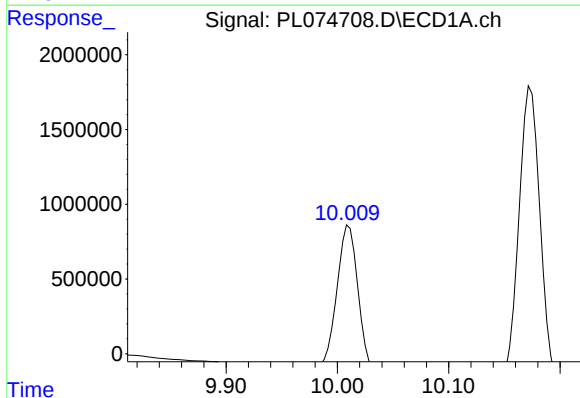
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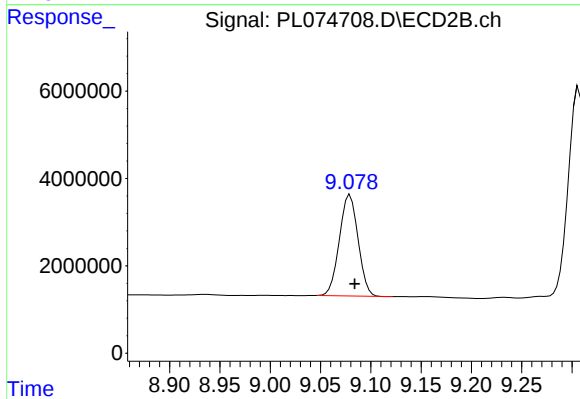
#19 Endosulfan Sulfate

R.T.: 8.789 min
Delta R.T.: -0.004 min
Response: 54846655
Conc: 50.39 ng/ml



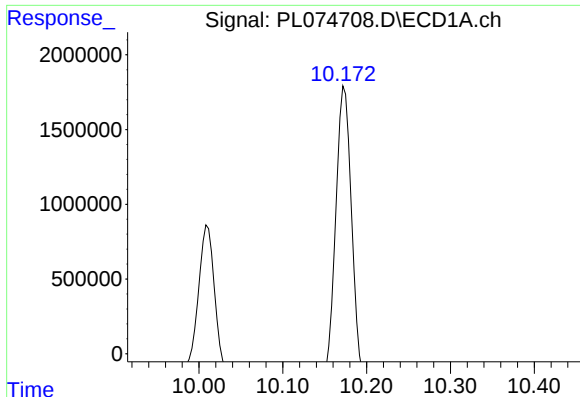
#20 Methoxychlor

R.T.: 10.011 min
Delta R.T.: -0.003 min
Response: 12746369
Conc: 52.04 ng/ml



#20 Methoxychlor

R.T.: 9.079 min
Delta R.T.: -0.005 min
Response: 29967291
Conc: 51.28 ng/ml



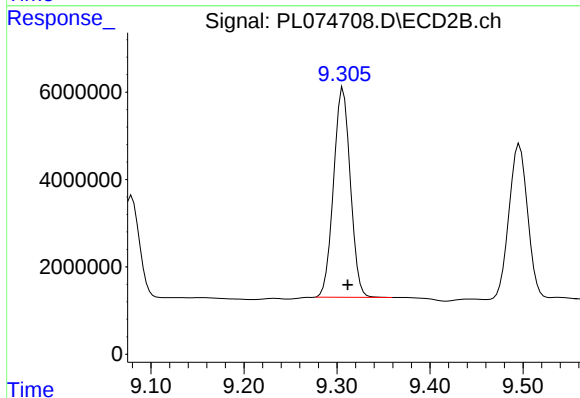
#21 Endrin ketone

R.T.: 10.174 min
Delta R.T.: -0.003 min
Response: 27042165
Conc: 52.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

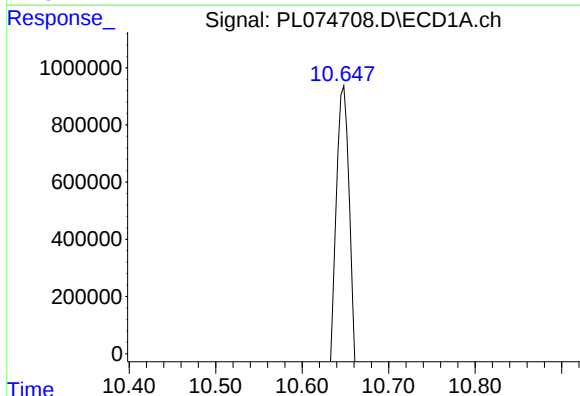
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/16/2022
Supervised By :mohammad ahmed 05/16/2022



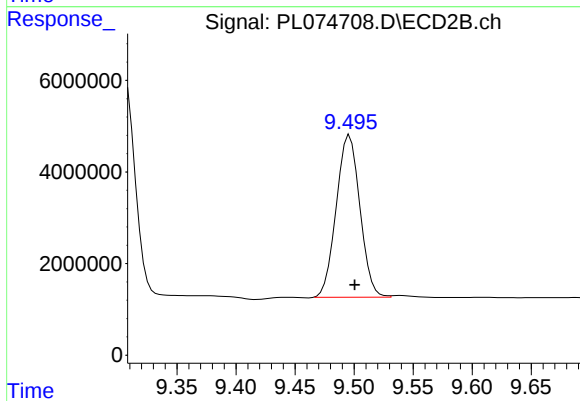
#21 Endrin ketone

R.T.: 9.307 min
Delta R.T.: -0.005 min
Response: 60146019
Conc: 53.95 ng/ml



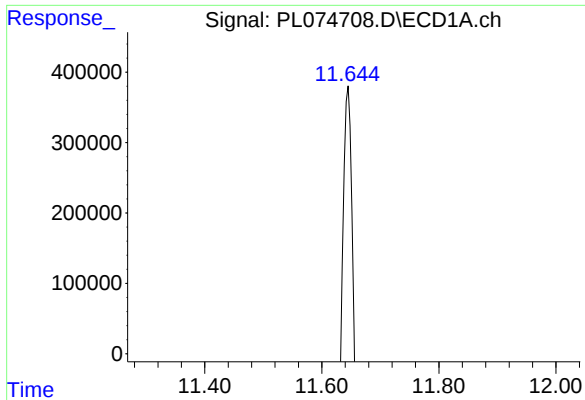
#22 Mirex

R.T.: 10.648 min
Delta R.T.: -0.003 min
Response: 21180470
Conc: 52.49 ng/ml



#22 Mirex

R.T.: 9.496 min
Delta R.T.: -0.004 min
Response: 49418134
Conc: 51.02 ng/ml



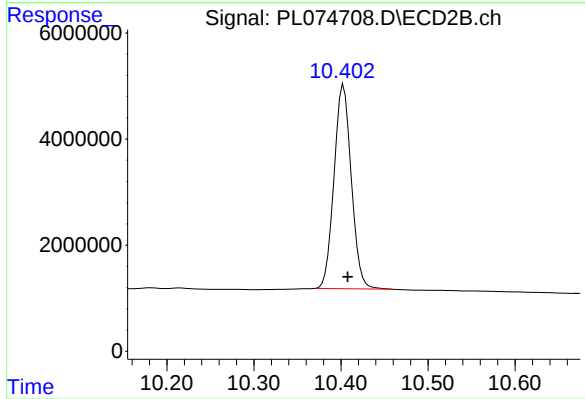
#28 Decachlorobiphenyl

R.T.: 11.645 min
Delta R.T.: -0.006 min
Response: 23726025
Conc: 53.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 10.403 min
Delta R.T.: -0.005 min
Response: 53065294
Conc: 51.70 ng/ml