

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041322\
 Data File : PL074005.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Apr 2022 13:41
 Operator : AR\AJ
 Sample : N2335-03MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 A350-CUMSD

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 14 00:37:33 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL040822.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 08 15:48:40 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...	4.638	5.490	6580596	37688233	20.366	21.138
28)	SA Decachlor...	10.411	11.332	10347650	35102880	19.898	19.874
Target Compounds							
2)	A alpha-BHC	5.346	6.053	24665910	158.6E6	58.776	62.970
3)	MA gamma-BHC...	5.770	6.442	24099962	146.7E6	57.463	61.967
4)	MA Heptachlor	6.181	7.101	23552837	147.1E6	52.286	56.405
5)	MB Aldrin	6.506	7.469	24131013	148.2E6	58.140	63.114
6)	B beta-BHC	6.150	6.679	10600172	63618578	51.878	56.449
7)	B delta-BHC	6.412	6.946	24602285	149.8E6	59.473	61.350
8)	B Heptachlo...	7.083	7.925	24199374	136.3E6	56.417	60.556
9)	A Endosulfan I	7.486	8.325	22743625	114.7E6	55.456	58.260m
10)	B gamma-Chl...	7.361	8.192	24723753	131.3E6	56.371	58.878m
11)	B alpha-Chl...	7.430	8.275	24889896	126.9E6	56.341	58.964m
12)	B 4,4'-DDE	7.644	8.461	21405993	119.5E6	58.676	59.978
13)	MA Dieldrin	7.772	8.611	25541697	122.4E6	59.459	61.025
14)	MA Endrin	8.063	8.844	25313370	99242004	62.312	58.596m
15)	B Endosulfa...	8.374	9.068	23505398	99013812	57.030	56.995m
16)	A 4,4'-DDD	8.229	8.987	19759292	95985450	61.188	62.385m
17)	MA 4,4'-DDT	8.491	9.307	18766145	82532328	50.769	46.558
18)	B Endrin al...	8.563	9.202	19839512	80361878	61.318	62.218
19)	B Endosulfa...	8.794	9.440	24202808	93579446	56.678	56.227
20)	A Methoxychlor	9.086	9.785	12343662	64089877	49.719	66.632m#
21)	B Endrin ke...	9.311	9.928	29698495	101.7E6	60.789m	58.736
22)	Mirex	9.501	10.405	25070929	76711969	53.754	55.693

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041322\
 Data File : PL074005.D
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 Acq On : 13 Apr 2022 13:41
 Operator : AR\AJ
 Sample : N2335-03MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

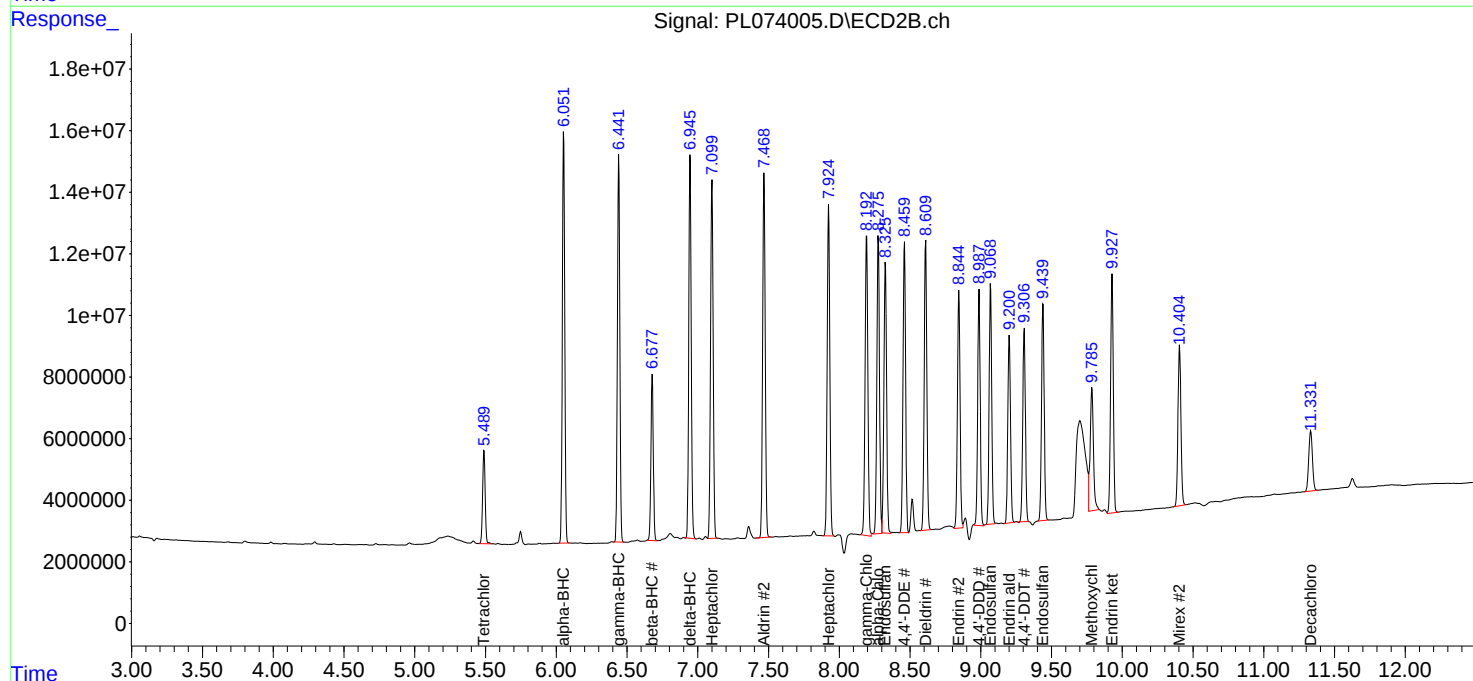
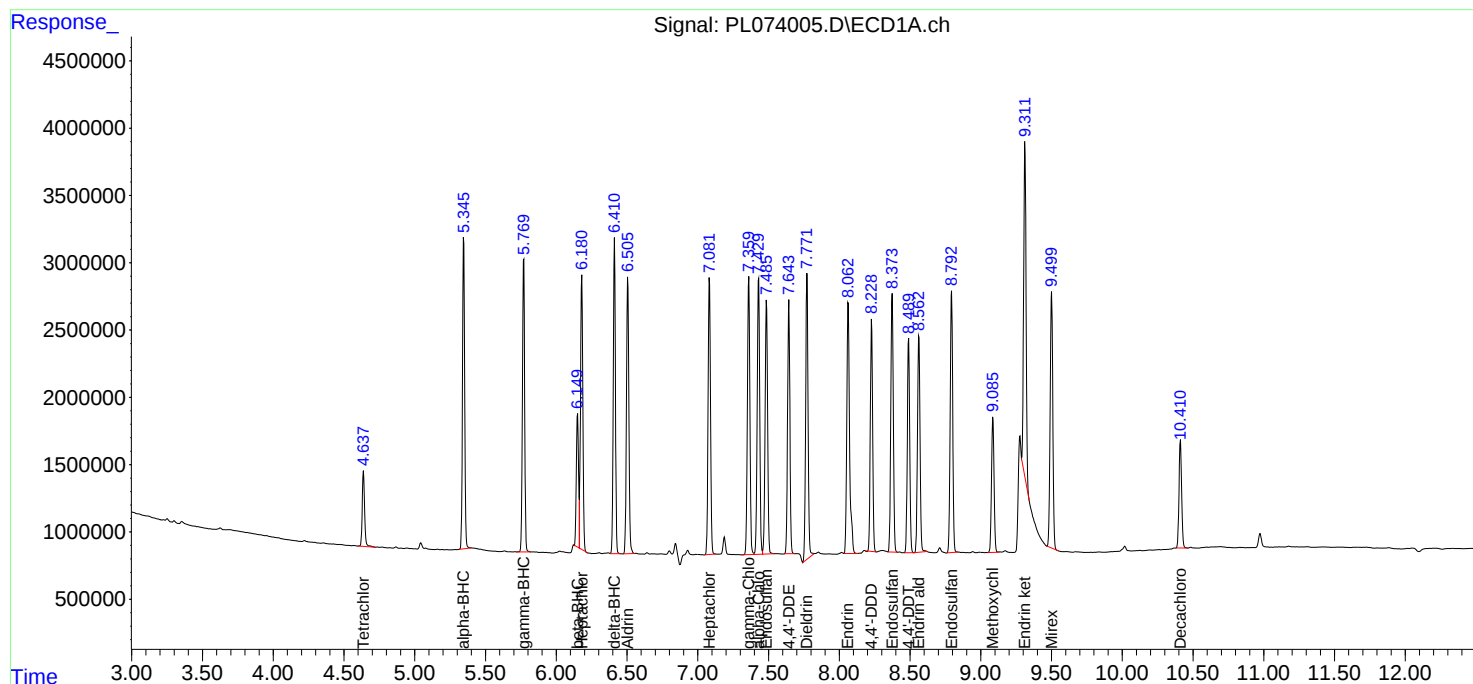
Instrument :
 ECD_L
 ClientSampleId :
 A350-CUMSD

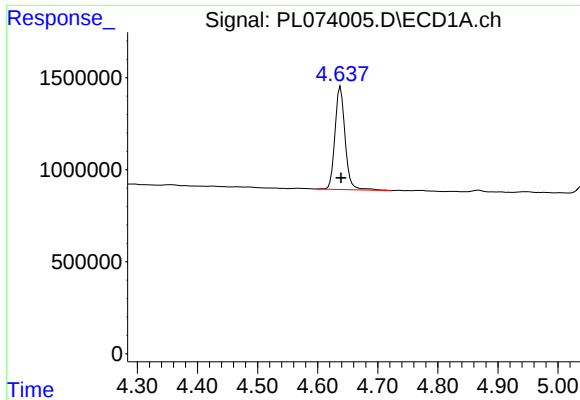
Manual Integrations APPROVED

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 Supervised By : mohammad ahmed 04/18/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 14 00:37:33 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL040822.M
 Quant Title : GC Extractables
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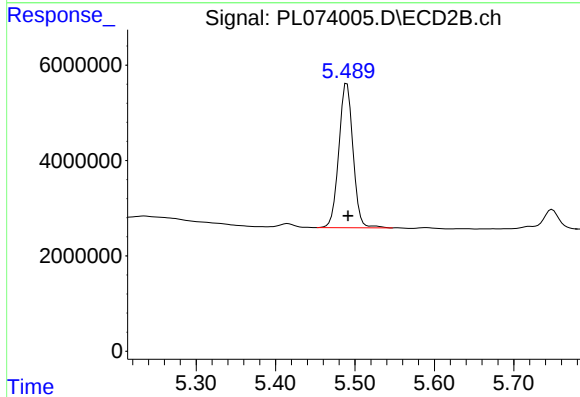
#1 Tetrachloro-m-xylene

R.T.: 4.638 min
Delta R.T.: 0.000 min
Response: 6580596
Conc: 20.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
A350-CUMSD

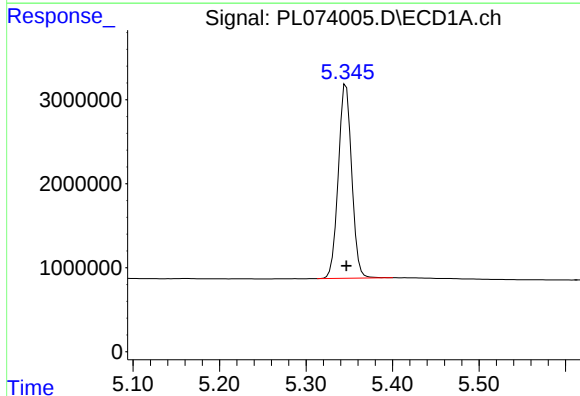
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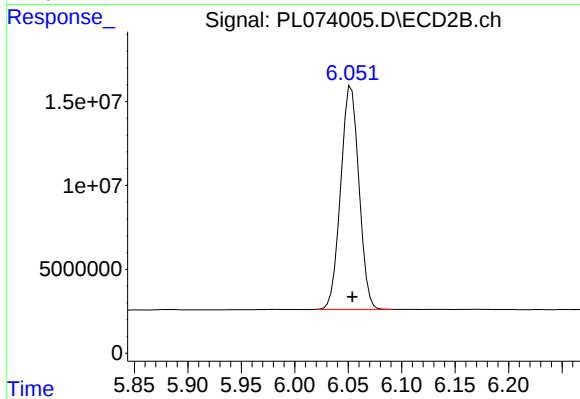
#1 Tetrachloro-m-xylene

R.T.: 5.490 min
Delta R.T.: -0.001 min
Response: 37688233
Conc: 21.14 ng/ml



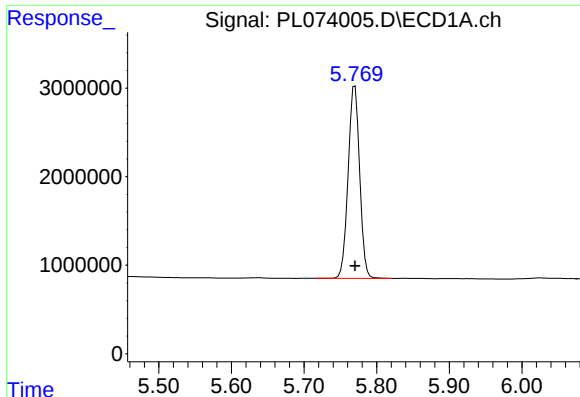
#2 alpha-BHC

R.T.: 5.346 min
Delta R.T.: 0.000 min
Response: 24665910
Conc: 58.78 ng/ml



#2 alpha-BHC

R.T.: 6.053 min
Delta R.T.: 0.000 min
Response: 158564981
Conc: 62.97 ng/ml



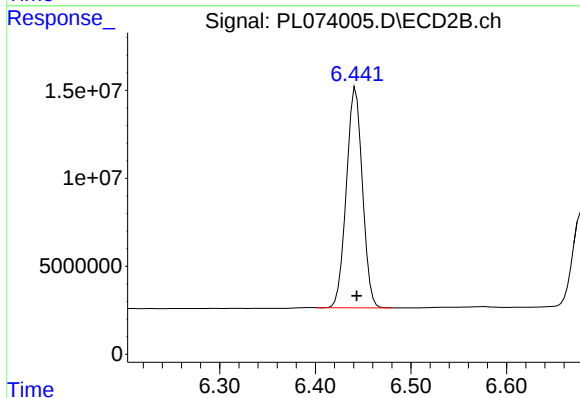
#3 gamma-BHC (Lindane)

R.T.: 5.770 min
Delta R.T.: 0.000 min
Response: 24099962
Conc: 57.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
A350-CUMSD

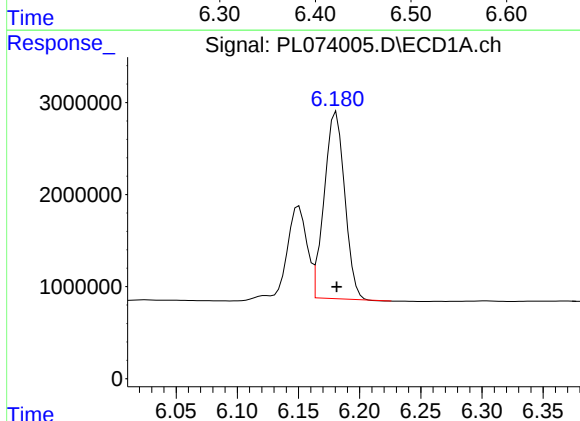
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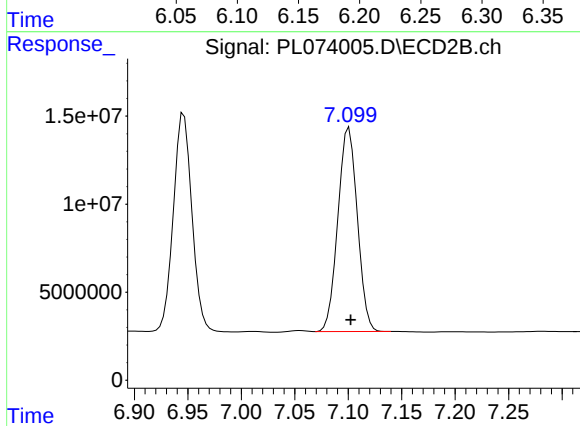
#3 gamma-BHC (Lindane)

R.T.: 6.442 min
Delta R.T.: 0.000 min
Response: 146683454
Conc: 61.97 ng/ml



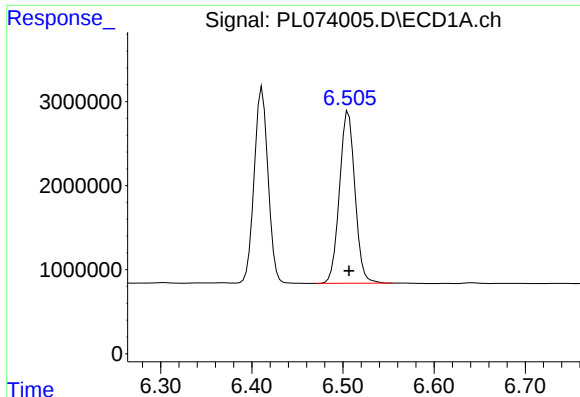
#4 Heptachlor

R.T.: 6.181 min
Delta R.T.: 0.000 min
Response: 23552837
Conc: 52.29 ng/ml



#4 Heptachlor

R.T.: 7.101 min
Delta R.T.: -0.001 min
Response: 147129083
Conc: 56.41 ng/ml



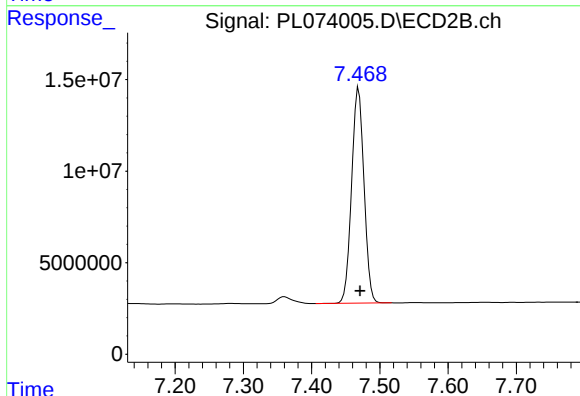
#5 Aldrin

R.T.: 6.506 min
Delta R.T.: 0.000 min
Response: 24131013
Conc: 58.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
A350-CUMSD

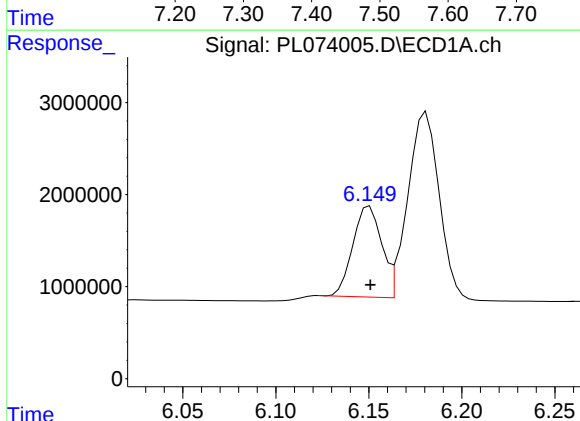
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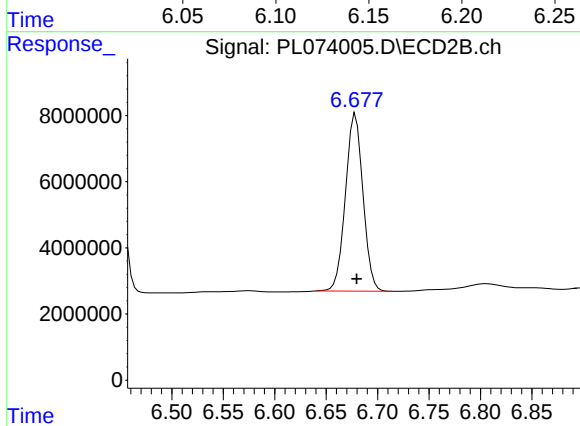
#5 Aldrin

R.T.: 7.469 min
Delta R.T.: -0.002 min
Response: 148228312
Conc: 63.11 ng/ml



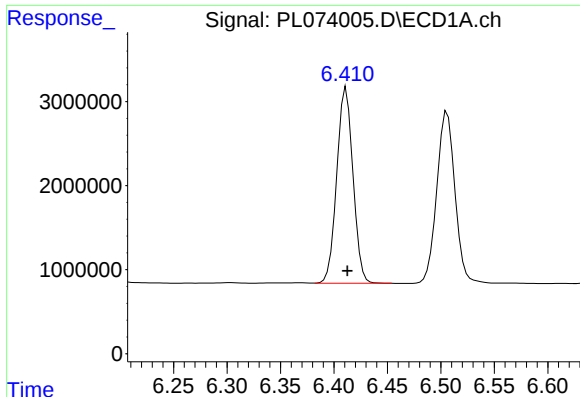
#6 beta-BHC

R.T.: 6.150 min
Delta R.T.: 0.000 min
Response: 10600172
Conc: 51.88 ng/ml



#6 beta-BHC

R.T.: 6.679 min
Delta R.T.: -0.001 min
Response: 63618578
Conc: 56.45 ng/ml



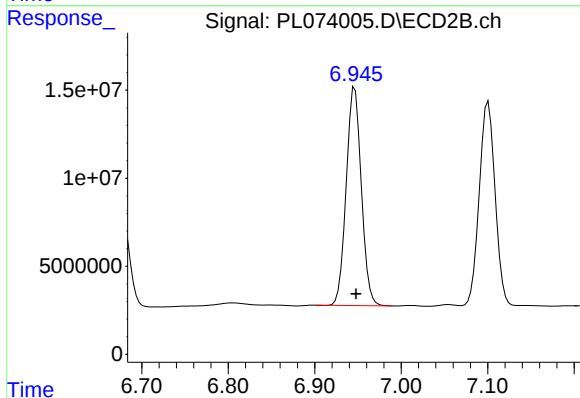
#7 delta-BHC

R.T.: 6.412 min
Delta R.T.: 0.000 min
Response: 24602285
Conc: 59.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
A350-CUMSD

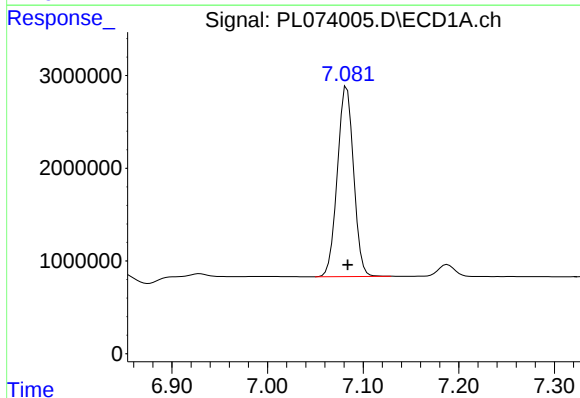
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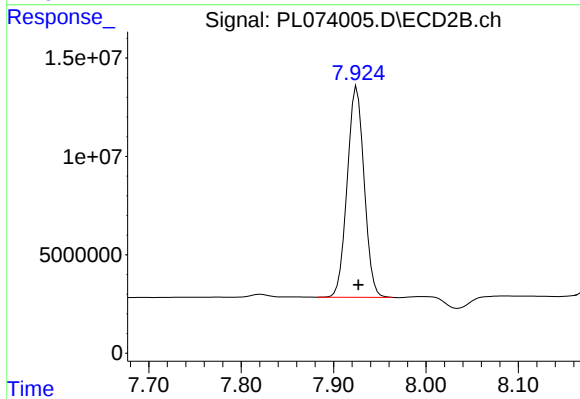
#7 delta-BHC

R.T.: 6.946 min
Delta R.T.: -0.002 min
Response: 149833512
Conc: 61.35 ng/ml



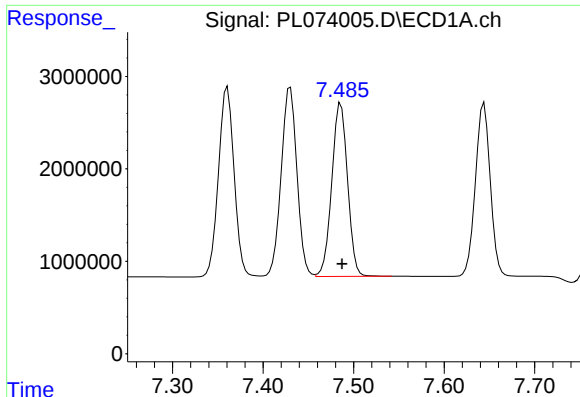
#8 Heptachlor epoxide

R.T.: 7.083 min
Delta R.T.: 0.000 min
Response: 24199374
Conc: 56.42 ng/ml



#8 Heptachlor epoxide

R.T.: 7.925 min
Delta R.T.: -0.001 min
Response: 136346720
Conc: 60.56 ng/ml



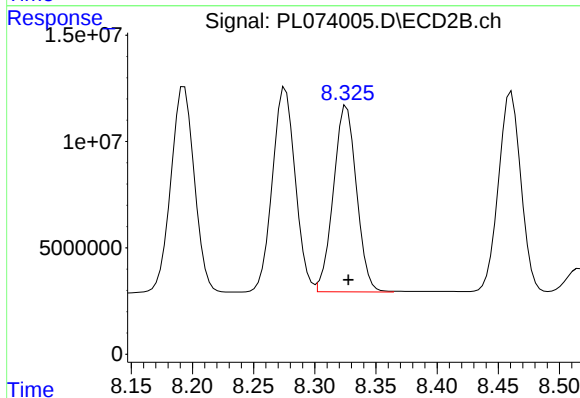
#9 Endosulfan I

R.T.: 7.486 min
Delta R.T.: -0.001 min
Response: 22743625
Conc: 55.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
A350-CUMSD

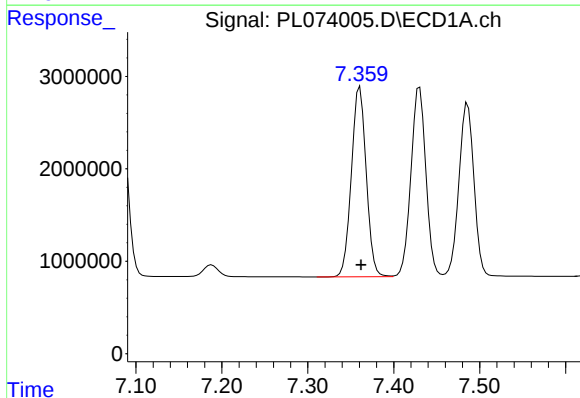
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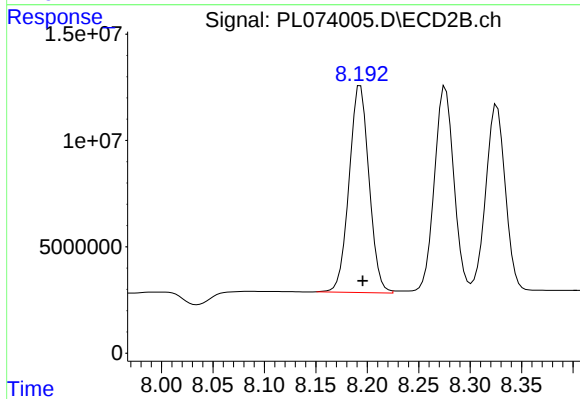
#9 Endosulfan I

R.T.: 8.325 min
Delta R.T.: -0.003 min
Response: 114694295
Conc: 58.26 ng/ml m



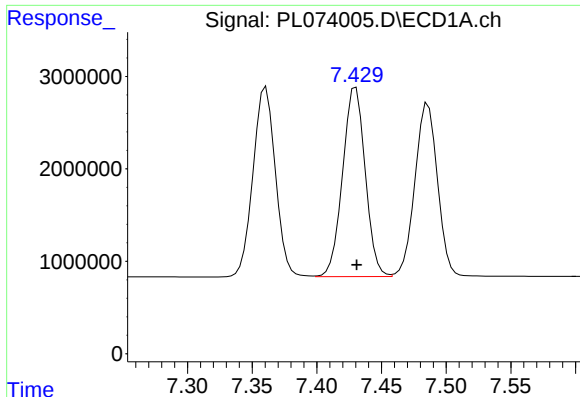
#10 gamma-Chlordane

R.T.: 7.361 min
Delta R.T.: -0.001 min
Response: 24723753
Conc: 56.37 ng/ml



#10 gamma-Chlordane

R.T.: 8.192 min
Delta R.T.: -0.004 min
Response: 131319292
Conc: 58.88 ng/ml m



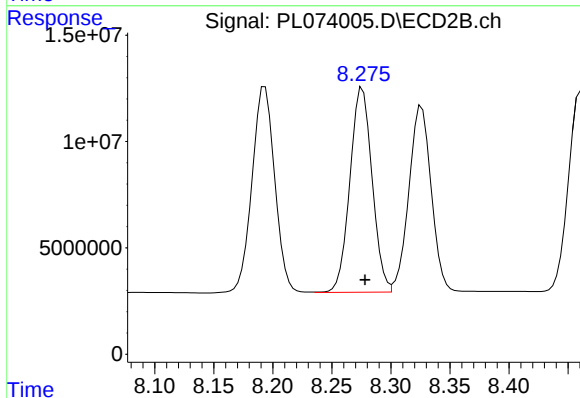
#11 alpha-Chlordane

R.T.: 7.430 min
Delta R.T.: 0.000 min
Response: 24889896
Conc: 56.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
A350-CUMSD

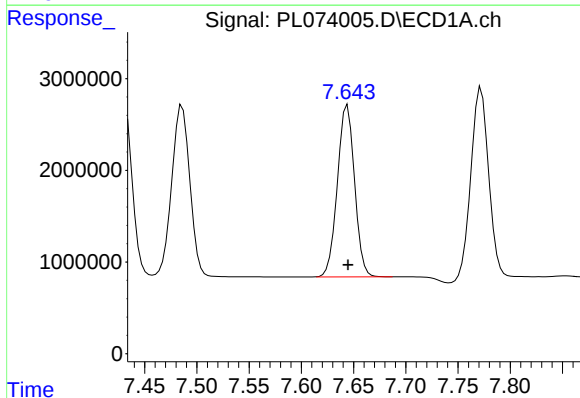
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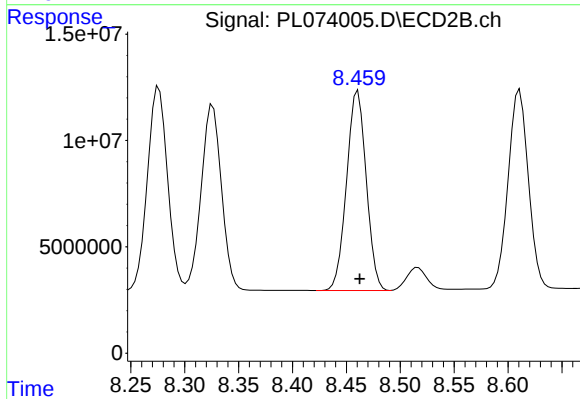
#11 alpha-Chlordane

R.T.: 8.275 min
Delta R.T.: -0.003 min
Response: 126924826
Conc: 58.96 ng/ml m



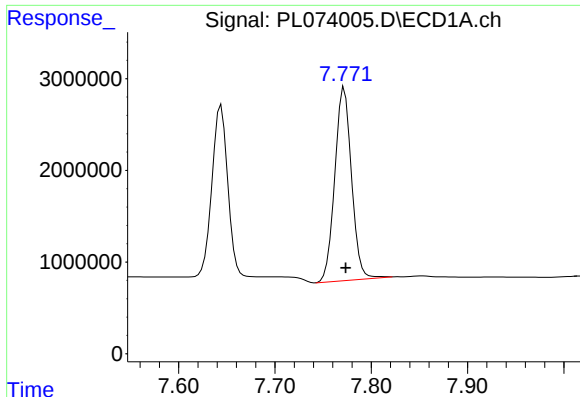
#12 4,4'-DDE

R.T.: 7.644 min
Delta R.T.: 0.000 min
Response: 21405993
Conc: 58.68 ng/ml



#12 4,4'-DDE

R.T.: 8.461 min
Delta R.T.: -0.002 min
Response: 119458740
Conc: 59.98 ng/ml



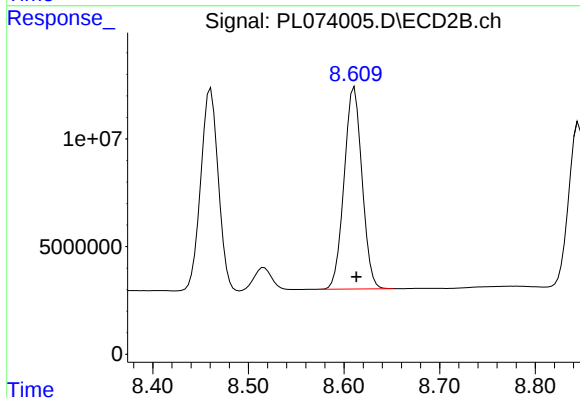
#13 Dieldrin

R.T.: 7.772 min
Delta R.T.: -0.001 min
Response: 25541697
Conc: 59.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
A350-CUMSD

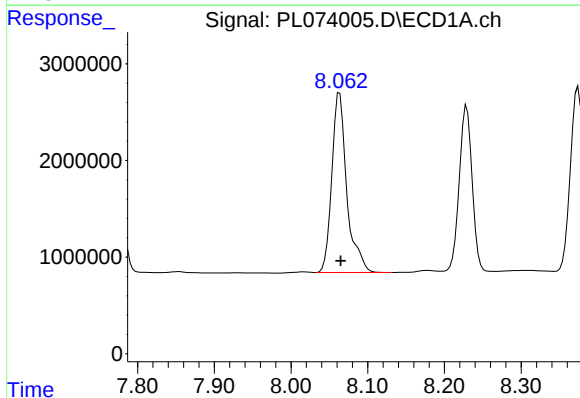
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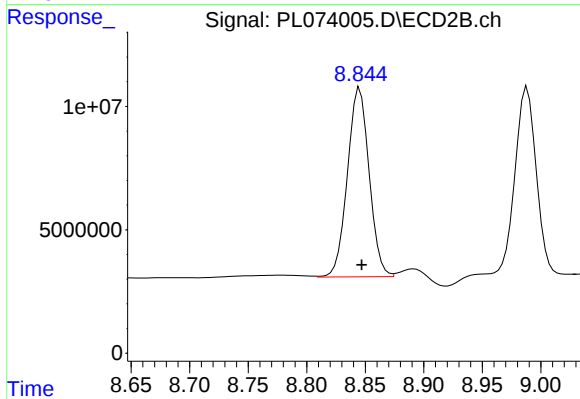
#13 Dieldrin

R.T.: 8.611 min
Delta R.T.: -0.002 min
Response: 122372383
Conc: 61.03 ng/ml



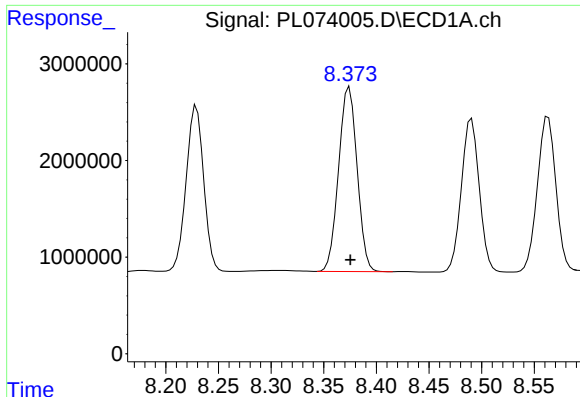
#14 Endrin

R.T.: 8.063 min
Delta R.T.: -0.002 min
Response: 25313370
Conc: 62.31 ng/ml



#14 Endrin

R.T.: 8.844 min
Delta R.T.: -0.003 min
Response: 99242004
Conc: 58.60 ng/ml m



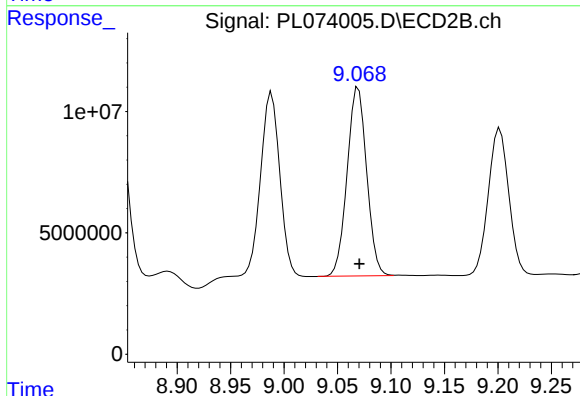
#15 Endosulfan II

R.T.: 8.374 min
Delta R.T.: -0.001 min
Response: 23505398
Conc: 57.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
A350-CUMSD

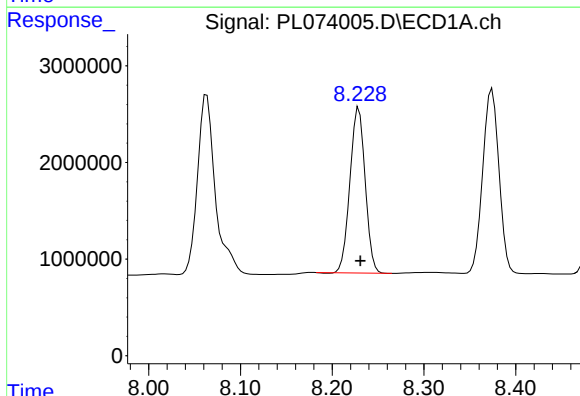
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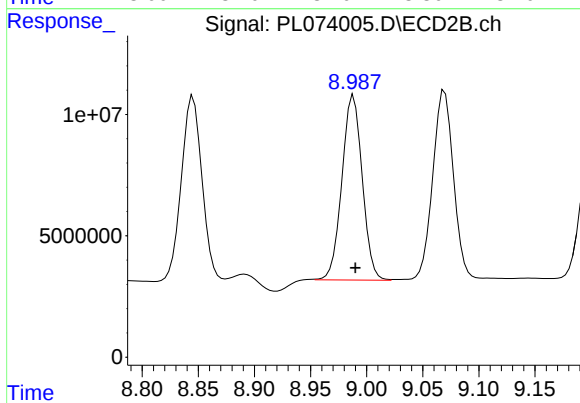
#15 Endosulfan II

R.T.: 9.068 min
Delta R.T.: -0.002 min
Response: 99013812
Conc: 57.00 ng/ml m



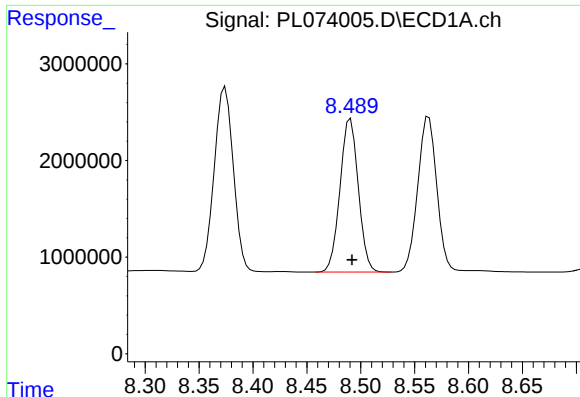
#16 4,4'-DDD

R.T.: 8.229 min
Delta R.T.: -0.002 min
Response: 19759292
Conc: 61.19 ng/ml



#16 4,4'-DDD

R.T.: 8.987 min
Delta R.T.: -0.003 min
Response: 95985450
Conc: 62.38 ng/ml m



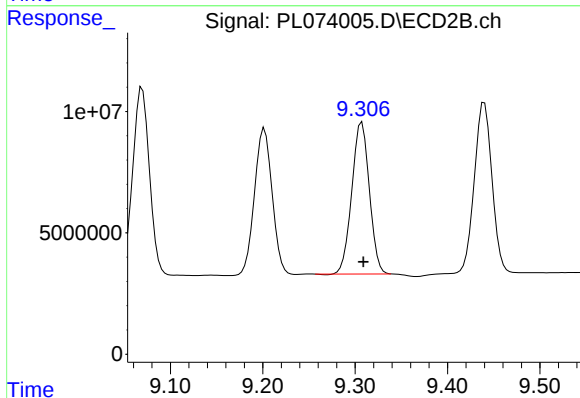
#17 4,4'-DDT

R.T.: 8.491 min
Delta R.T.: -0.002 min
Response: 18766145
Conc: 50.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
A350-CUMSD

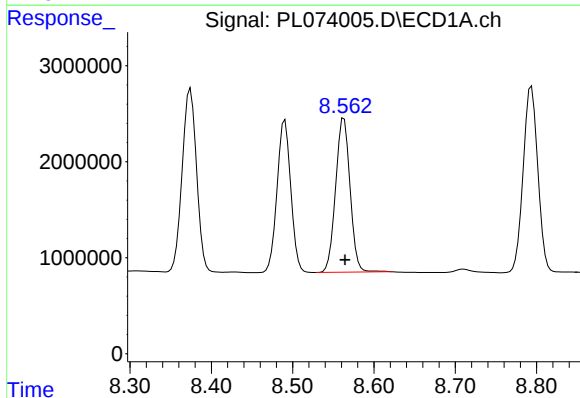
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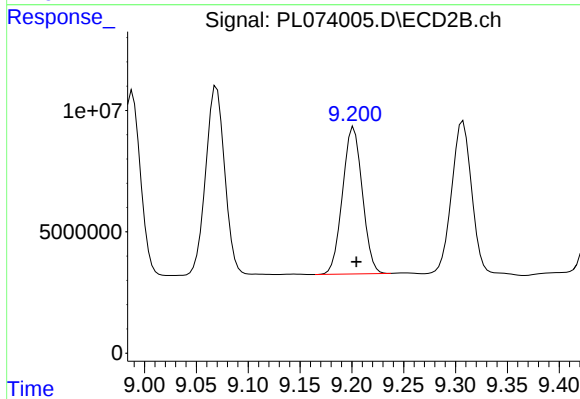
#17 4,4'-DDT

R.T.: 9.307 min
Delta R.T.: -0.002 min
Response: 82532328
Conc: 46.56 ng/ml



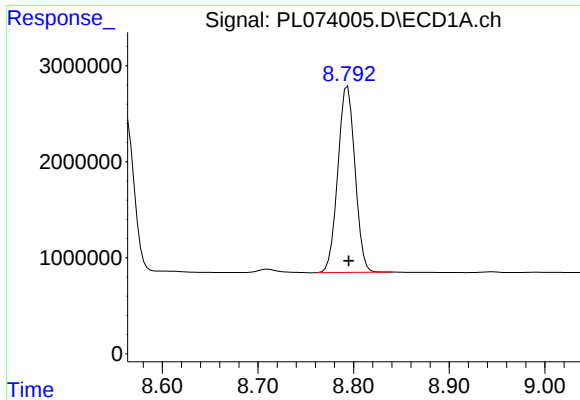
#18 Endrin aldehyde

R.T.: 8.563 min
Delta R.T.: -0.001 min
Response: 19839512
Conc: 61.32 ng/ml



#18 Endrin aldehyde

R.T.: 9.202 min
Delta R.T.: -0.002 min
Response: 80361878
Conc: 62.22 ng/ml



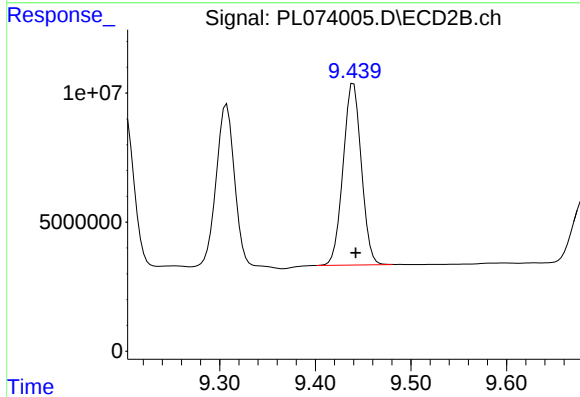
#19 Endosulfan Sulfate

R.T.: 8.794 min
Delta R.T.: -0.001 min
Response: 24202808
Conc: 56.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
A350-CUMSD

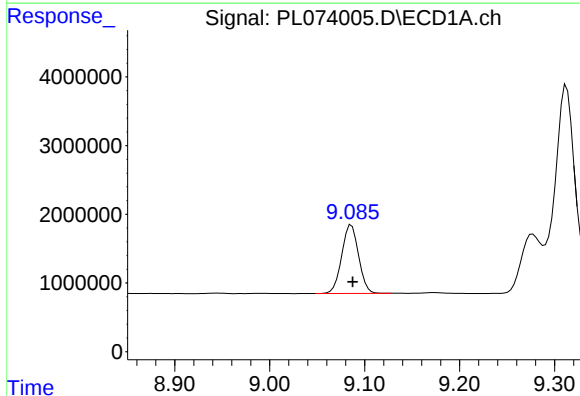
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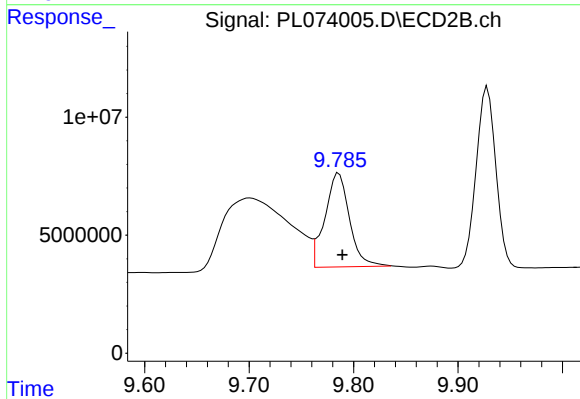
#19 Endosulfan Sulfate

R.T.: 9.440 min
Delta R.T.: -0.002 min
Response: 93579446
Conc: 56.23 ng/ml



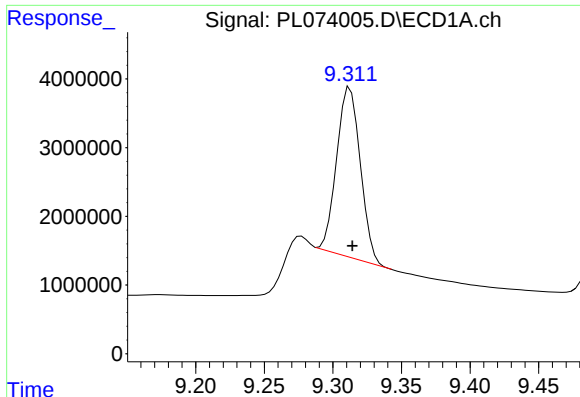
#20 Methoxychlor

R.T.: 9.086 min
Delta R.T.: -0.001 min
Response: 12343662
Conc: 49.72 ng/ml



#20 Methoxychlor

R.T.: 9.785 min
Delta R.T.: -0.005 min
Response: 64089877
Conc: 66.63 ng/ml m



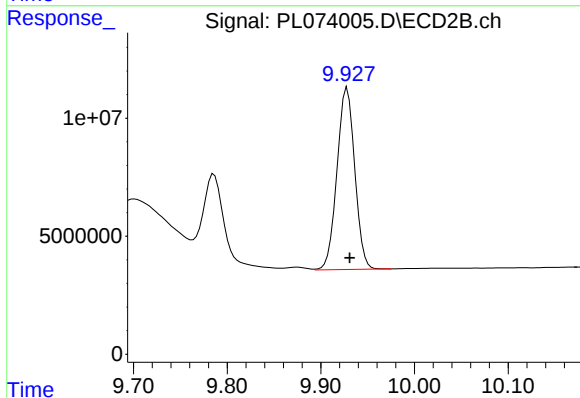
#21 Endrin ketone

R.T.: 9.311 min
Delta R.T.: -0.003 min
Response: 29698495
Conc: 60.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
A350-CUMSD

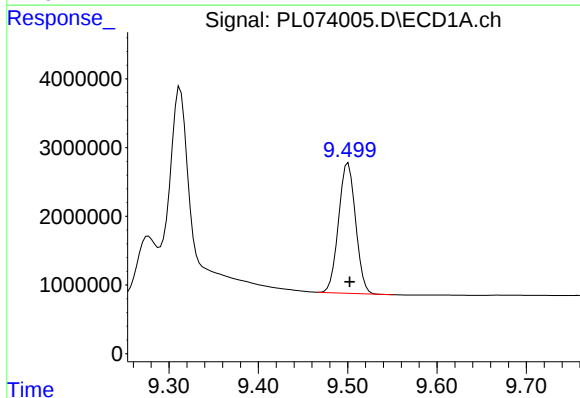
Manual Integrations
APPROVED

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



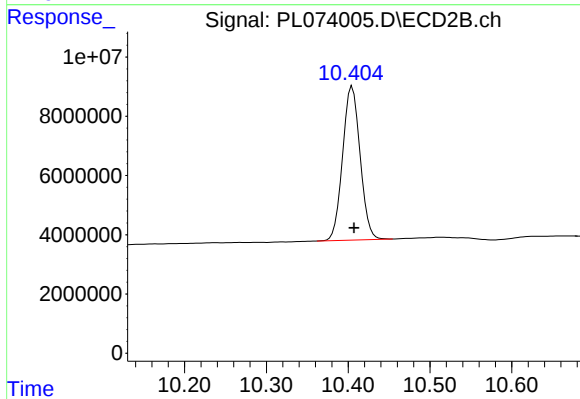
#21 Endrin ketone

R.T.: 9.928 min
Delta R.T.: -0.003 min
Response: 101669412
Conc: 58.74 ng/ml



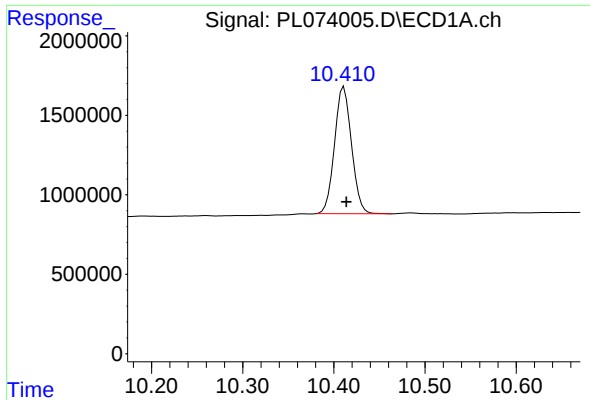
#22 Mirex

R.T.: 9.501 min
Delta R.T.: -0.002 min
Response: 25070929
Conc: 53.75 ng/ml



#22 Mirex

R.T.: 10.405 min
Delta R.T.: -0.002 min
Response: 76711969
Conc: 55.69 ng/ml



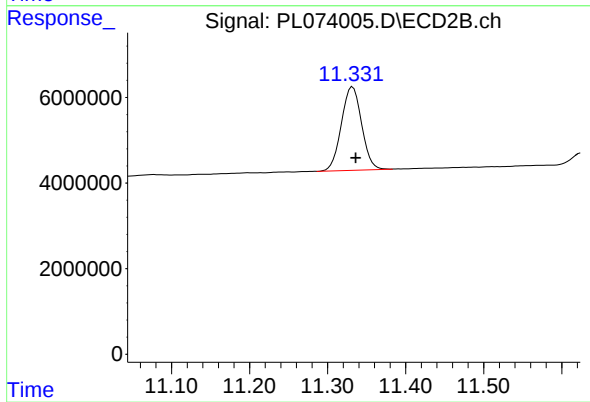
#28 Decachlorobiphenyl

R.T.: 10.411 min
Delta R.T.: -0.003 min
Response: 10347650
Conc: 19.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
A350-CUMSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 11.332 min
Delta R.T.: -0.004 min
Response: 35102880
Conc: 19.87 ng/ml