

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041322\
 Data File : PL074004.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Apr 2022 13:25
 Operator : AR\AJ
 Sample : N2335-03MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 A350-CUMS

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 00:37:17 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...	4.639	5.489	6150244	36573964	19.034	20.513
28)	SA Decachlor...	10.411	11.332	10235765	34673888	19.683	19.631
Target Compounds							
2)	A alpha-BHC	5.347	6.052	24166645	155.3E6	57.586	61.679
3)	MA gamma-BHC...	5.771	6.441	23655041	143.0E6	56.402	60.391
4)	MA Heptachlor	6.182	7.100	23586762	144.2E6	52.362	55.299
5)	MB Aldrin	6.506	7.468	23758374	144.3E6	57.242	61.427
6)	B beta-BHC	6.151	6.678	10898375	62121316	53.338	55.120
7)	B delta-BHC	6.413	6.946	24099015	145.7E6	58.256	59.666
8)	B Heptachlo...	7.083	7.925	23812547	131.1E6	55.515	58.247
9)	A Endosulfan I	7.486	8.324	22471876	111.4E6	54.793	56.607m
10)	B gamma-Chl...	7.361	8.192	24349441	129.8E6	55.518	58.181m
11)	B alpha-Chl...	7.431	8.274	24517058	123.0E6	55.497	57.124m
12)	B 4,4'-DDE	7.645	8.460	21117817	116.8E6	57.886	58.633
13)	MA Dieldrin	7.773	8.610	25158875	119.8E6	58.567	59.739
14)	MA Endrin	8.065	8.844	25085772	95160734	61.752	56.186m
15)	B Endosulfa...	8.375	9.068	23298032	97485186	56.527	56.115m
16)	A 4,4'-DDD	8.230	8.987	19556832	92737845	60.561	60.274m
17)	MA 4,4'-DDT	8.492	9.307	18609503	80827317	50.345	45.596
18)	B Endrin al...	8.563	9.202	19438064	78883663	60.077	61.073
19)	B Endosulfa...	8.794	9.439	23926087	91243205	56.030	54.823
20)	A Methoxychlor	9.087	9.785	12197110	56151068	49.129	58.378m
21)	B Endrin ke...	9.312	9.928	29214337	100.8E6	59.798m	58.226
22)	Mirex	9.501	10.405	24669710	76985128	52.894	55.891

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041322\
 Data File : PL074004.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Apr 2022 13:25
 Operator : AR\AJ
 Sample : N2335-03MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

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Manual Integrations

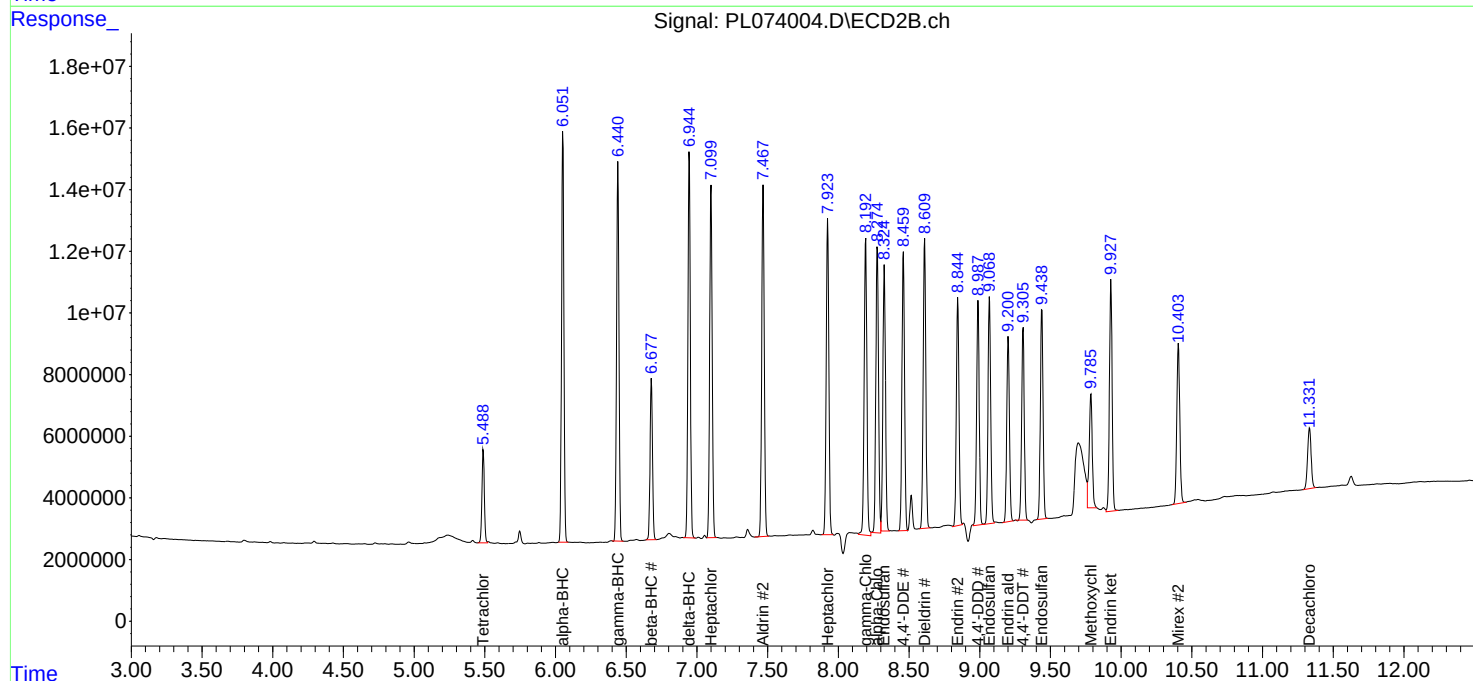
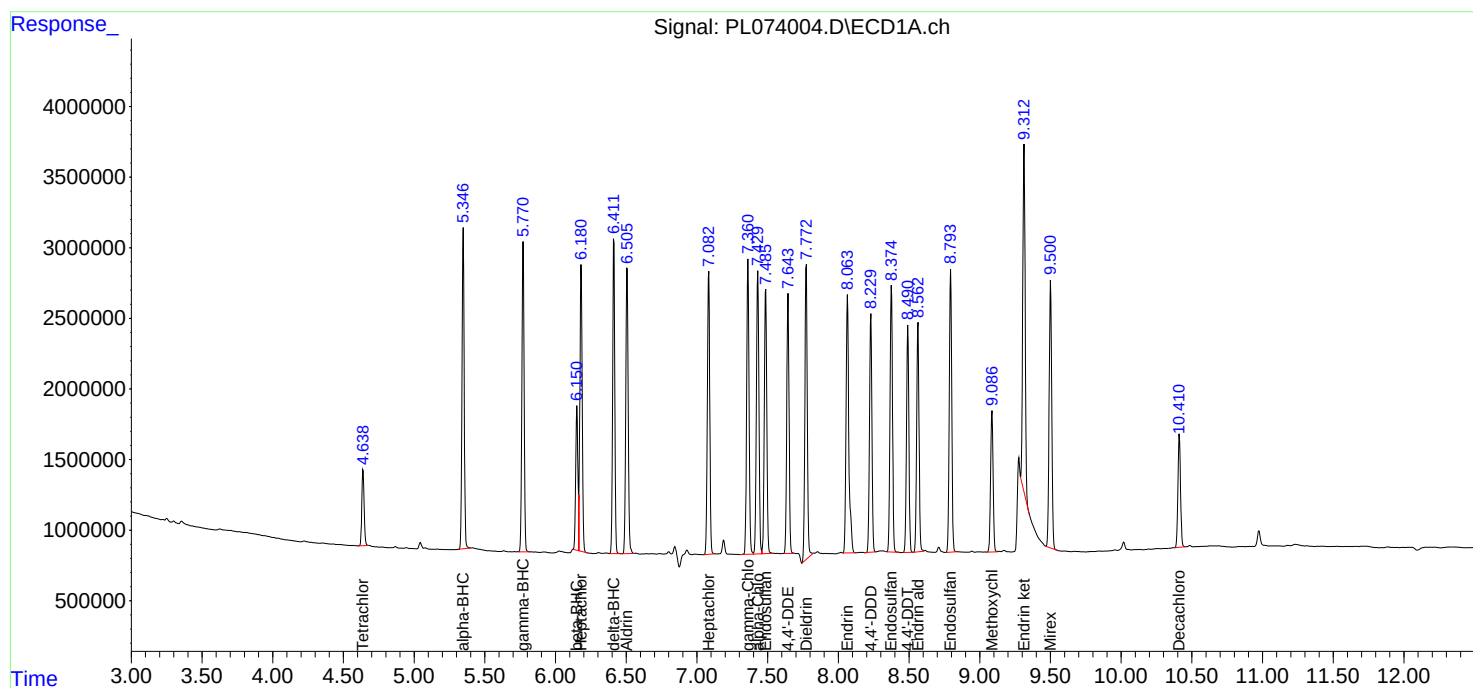
APPROVED

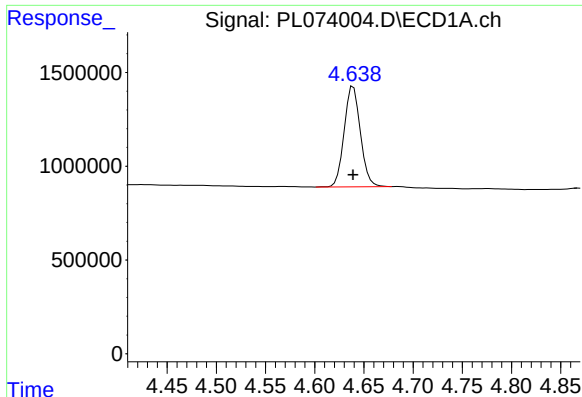
Reviewed By :Abdul Mirza 04/18/2022

Supervised By :mohammad ahmed 04/18/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 14 00:37:17 2022
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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





#1 Tetrachloro-m-xylene

R.T.: 4.639 min
Delta R.T.: 0.000 min
Response: 6150244
Conc: 19.03 ng/ml

Instrument :

ECD_L

ClientSampleId :

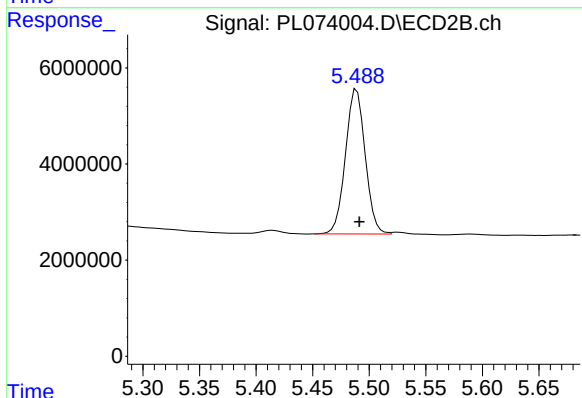
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Manual Integrations

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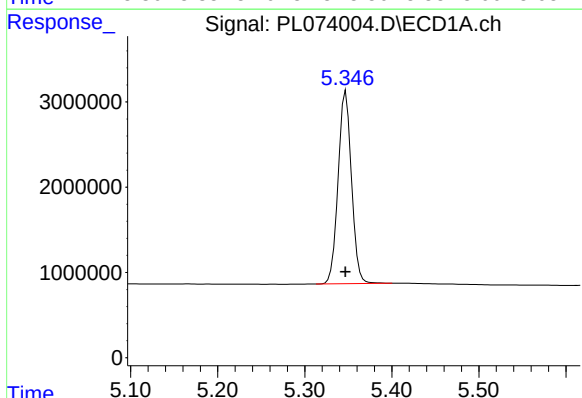
Reviewed By :Abdul Mirza 04/18/2022

Supervised By :mohammad ahmed 04/18/2022



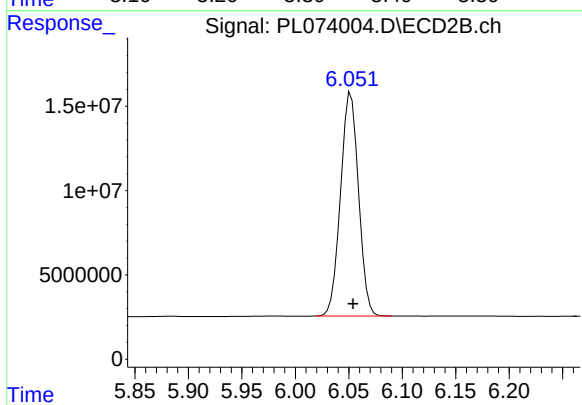
#1 Tetrachloro-m-xylene

R.T.: 5.489 min
Delta R.T.: -0.002 min
Response: 36573964
Conc: 20.51 ng/ml



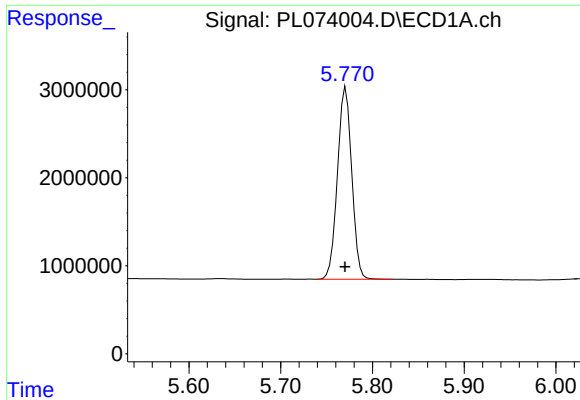
#2 alpha-BHC

R.T.: 5.347 min
Delta R.T.: 0.000 min
Response: 24166645
Conc: 57.59 ng/ml



#2 alpha-BHC

R.T.: 6.052 min
Delta R.T.: -0.002 min
Response: 155314540
Conc: 61.68 ng/ml



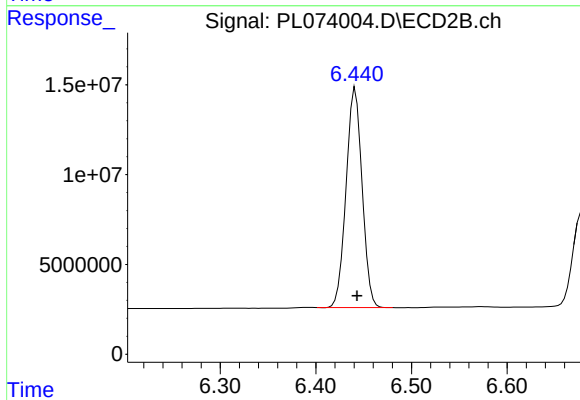
#3 gamma-BHC (Lindane)

R.T.: 5.771 min
Delta R.T.: 0.000 min
Response: 23655041
Conc: 56.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
A350-CUMS

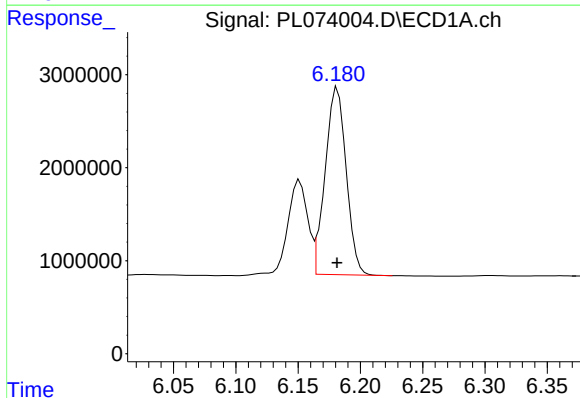
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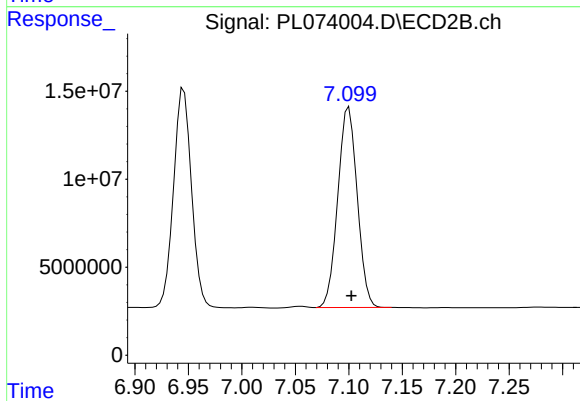
#3 gamma-BHC (Lindane)

R.T.: 6.441 min
Delta R.T.: -0.002 min
Response: 142953048
Conc: 60.39 ng/ml



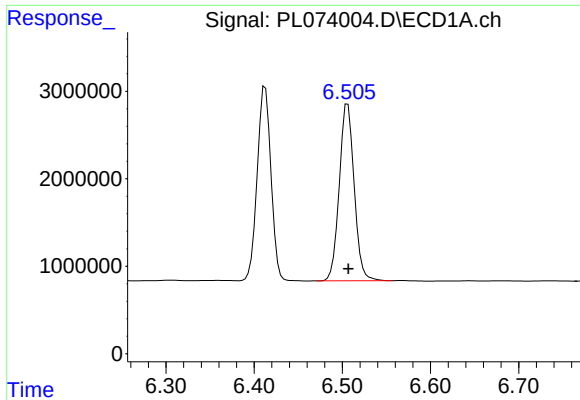
#4 Heptachlor

R.T.: 6.182 min
Delta R.T.: 0.000 min
Response: 23586762
Conc: 52.36 ng/ml



#4 Heptachlor

R.T.: 7.100 min
Delta R.T.: -0.002 min
Response: 144242142
Conc: 55.30 ng/ml



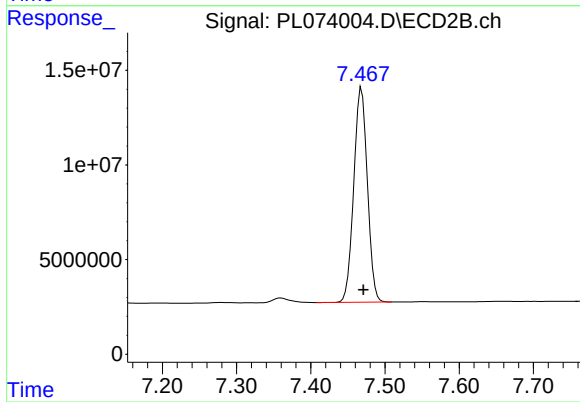
#5 Aldrin

R.T.: 6.506 min
Delta R.T.: 0.000 min
Response: 23758374
Conc: 57.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
A350-CUMS

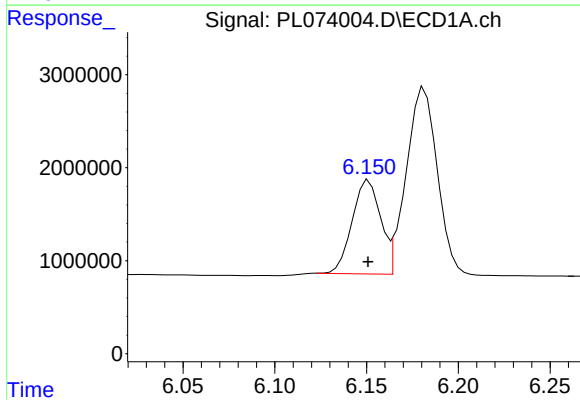
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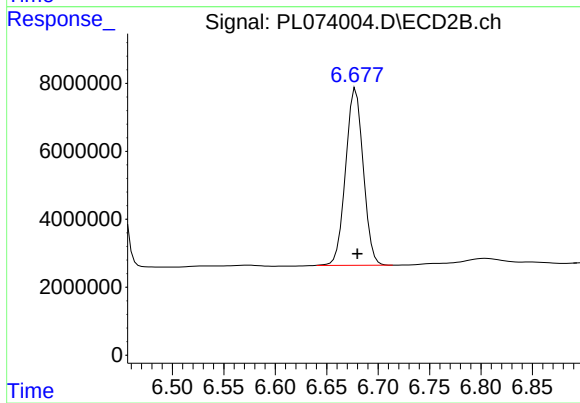
#5 Aldrin

R.T.: 7.468 min
Delta R.T.: -0.002 min
Response: 144267136
Conc: 61.43 ng/ml



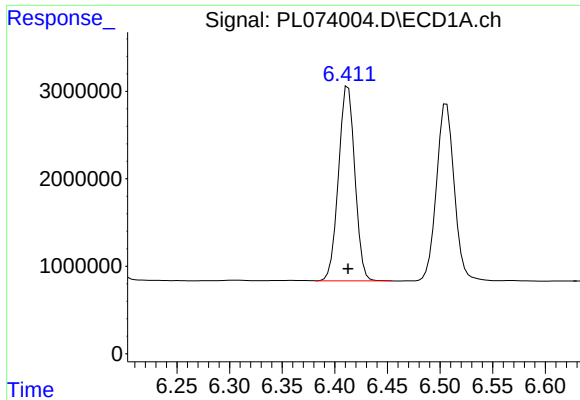
#6 beta-BHC

R.T.: 6.151 min
Delta R.T.: 0.000 min
Response: 10898375
Conc: 53.34 ng/ml



#6 beta-BHC

R.T.: 6.678 min
Delta R.T.: -0.002 min
Response: 62121316
Conc: 55.12 ng/ml



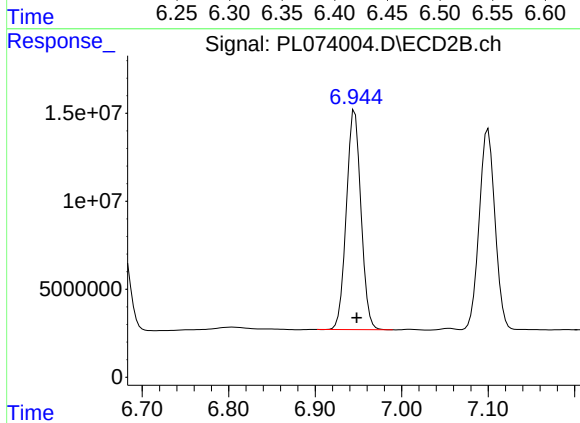
#7 delta-BHC

R.T.: 6.413 min
Delta R.T.: 0.000 min
Response: 24099015
Conc: 58.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
A350-CUMS

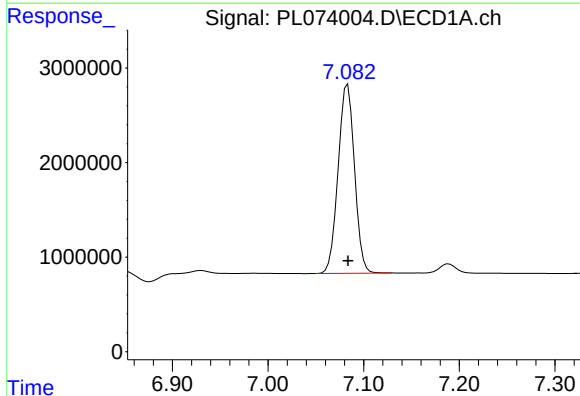
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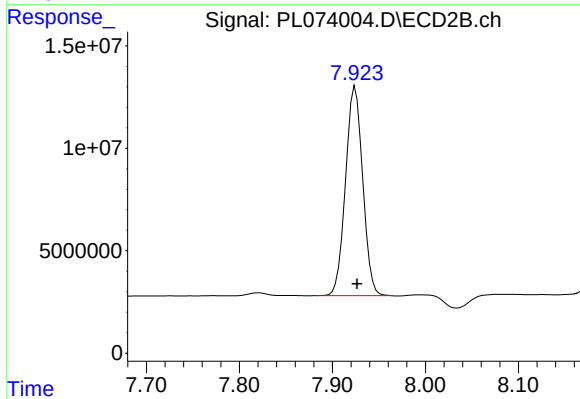
#7 delta-BHC

R.T.: 6.946 min
Delta R.T.: -0.002 min
Response: 145721176
Conc: 59.67 ng/ml



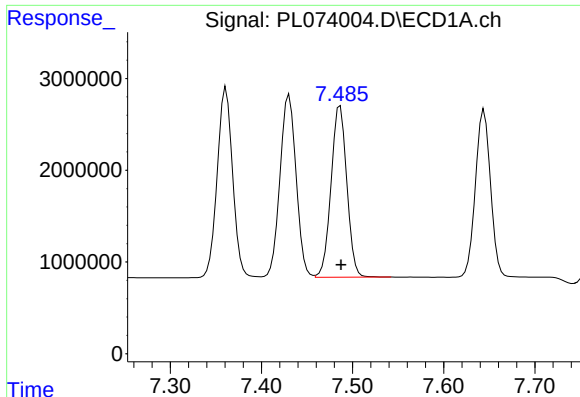
#8 Heptachlor epoxide

R.T.: 7.083 min
Delta R.T.: 0.000 min
Response: 23812547
Conc: 55.52 ng/ml



#8 Heptachlor epoxide

R.T.: 7.925 min
Delta R.T.: -0.002 min
Response: 131146231
Conc: 58.25 ng/ml



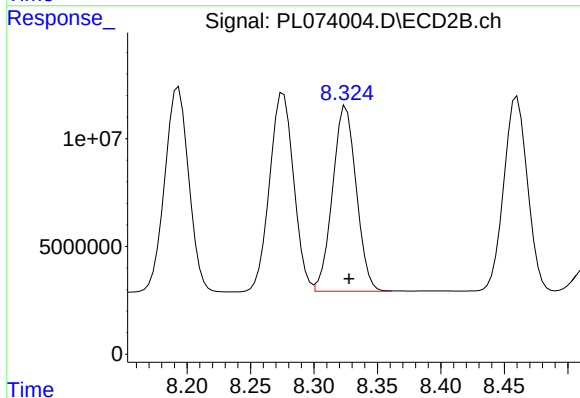
#9 Endosulfan I

R.T.: 7.486 min
Delta R.T.: 0.000 min
Response: 22471876
Conc: 54.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
A350-CUMS

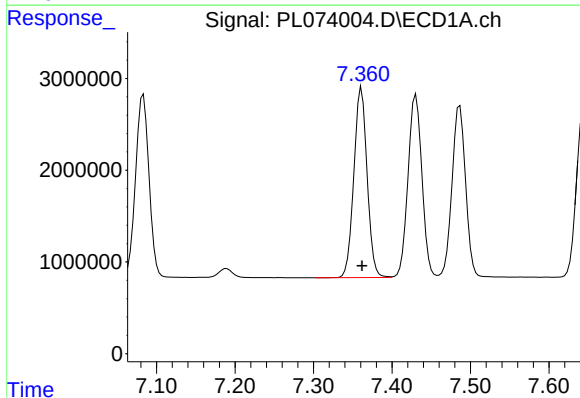
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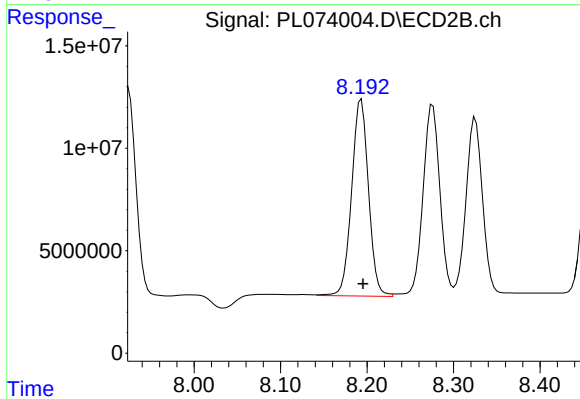
#9 Endosulfan I

R.T.: 8.324 min
Delta R.T.: -0.004 min
Response: 111440514
Conc: 56.61 ng/ml m



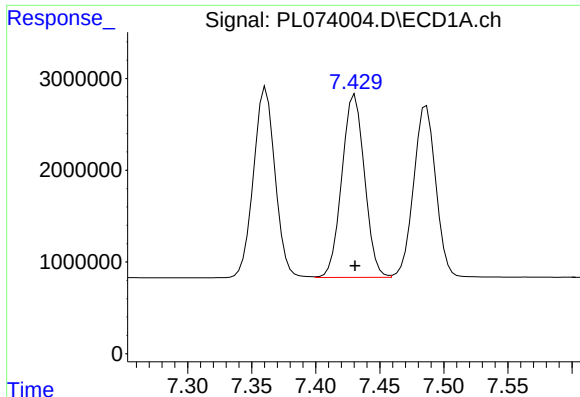
#10 gamma-Chlordane

R.T.: 7.361 min
Delta R.T.: 0.000 min
Response: 24349441
Conc: 55.52 ng/ml



#10 gamma-Chlordane

R.T.: 8.192 min
Delta R.T.: -0.004 min
Response: 129764261
Conc: 58.18 ng/ml m



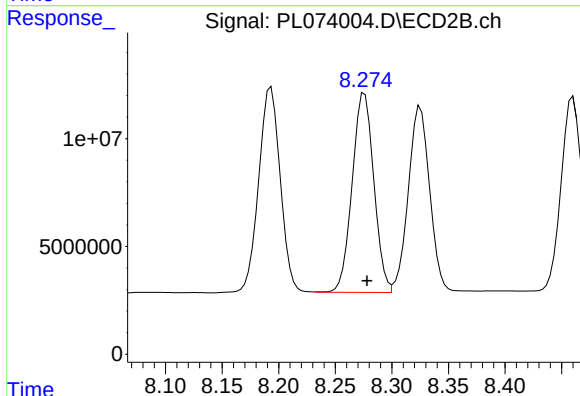
#11 alpha-Chlordane

R.T.: 7.431 min
Delta R.T.: 0.000 min
Response: 24517058
Conc: 55.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
A350-CUMS

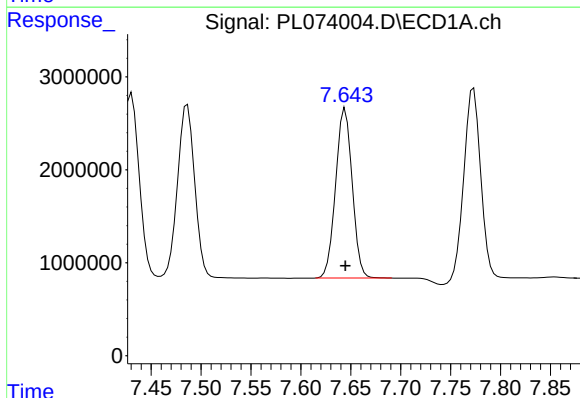
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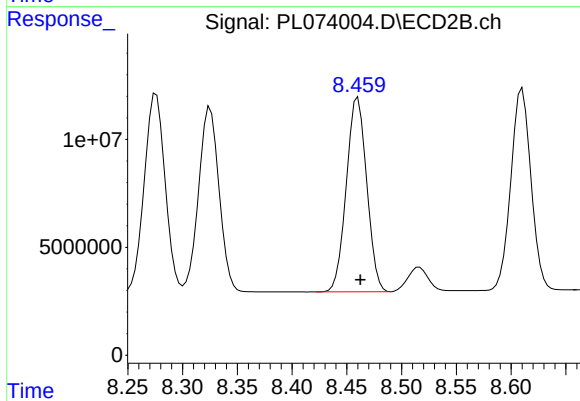
#11 alpha-Chlordane

R.T.: 8.274 min
Delta R.T.: -0.003 min
Response: 122964955
Conc: 57.12 ng/ml m



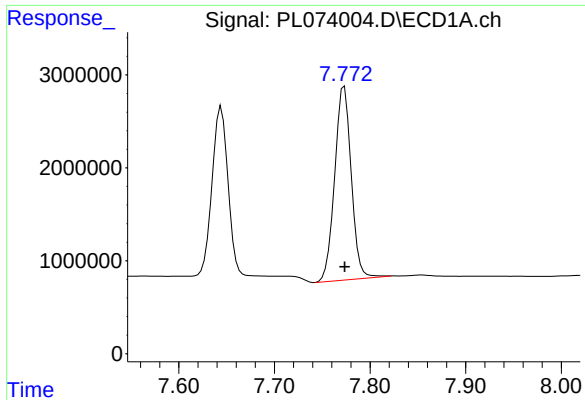
#12 4,4'-DDE

R.T.: 7.645 min
Delta R.T.: 0.000 min
Response: 21117817
Conc: 57.89 ng/ml



#12 4,4'-DDE

R.T.: 8.460 min
Delta R.T.: -0.002 min
Response: 116780190
Conc: 58.63 ng/ml



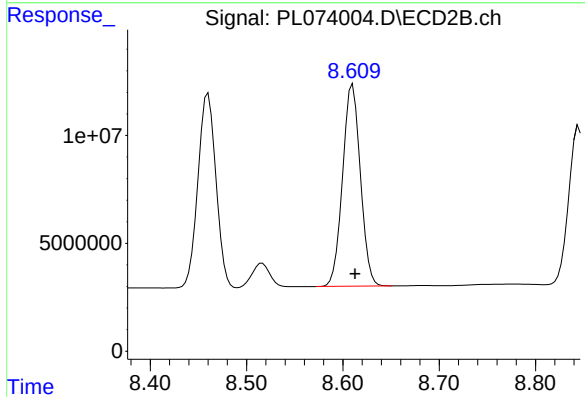
#13 Dieldrin

R.T.: 7.773 min
Delta R.T.: 0.000 min
Response: 25158875
Conc: 58.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
A350-CUMS

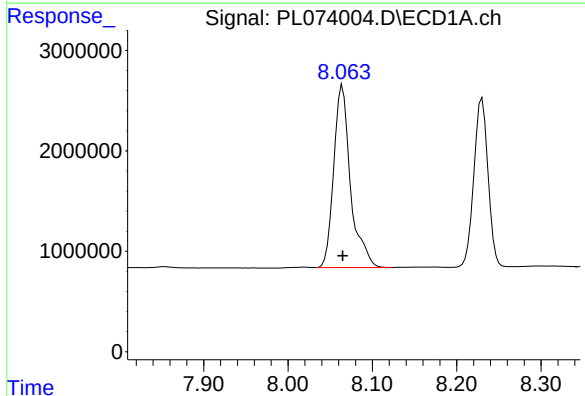
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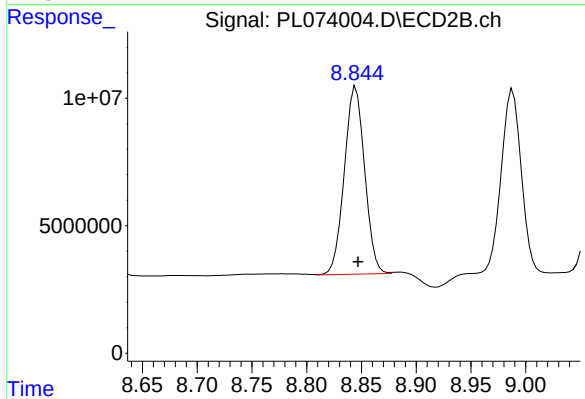
#13 Dieldrin

R.T.: 8.610 min
Delta R.T.: -0.002 min
Response: 119793434
Conc: 59.74 ng/ml



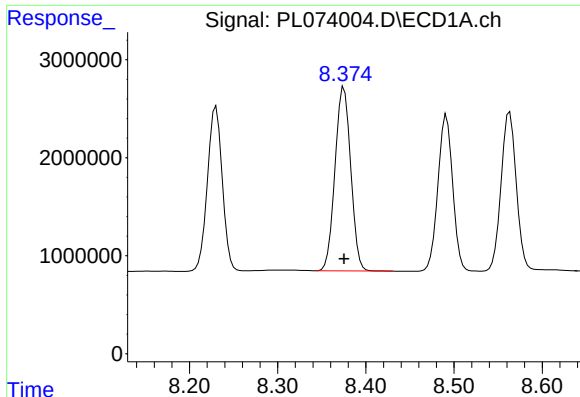
#14 Endrin

R.T.: 8.065 min
Delta R.T.: 0.000 min
Response: 25085772
Conc: 61.75 ng/ml



#14 Endrin

R.T.: 8.844 min
Delta R.T.: -0.004 min
Response: 95160734
Conc: 56.19 ng/ml m



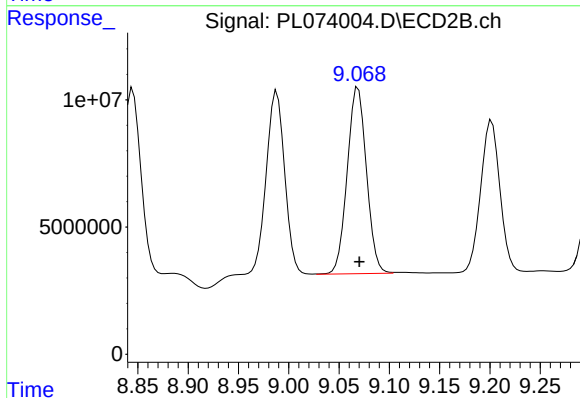
#15 Endosulfan II

R.T.: 8.375 min
Delta R.T.: 0.000 min
Response: 23298032
Conc: 56.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
A350-CUMS

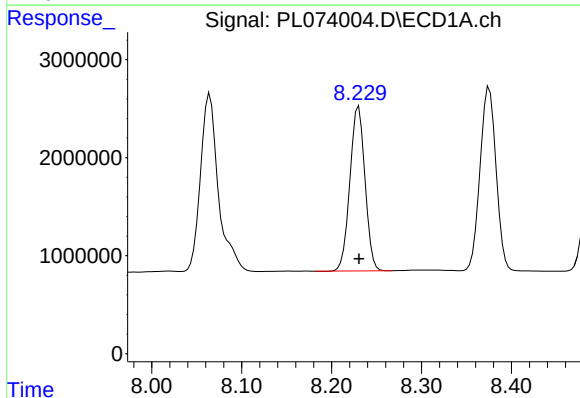
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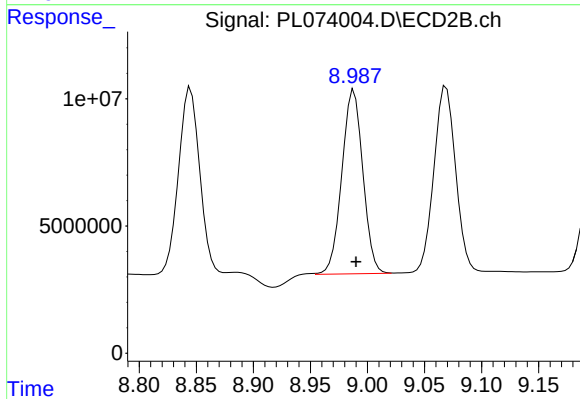
#15 Endosulfan II

R.T.: 9.068 min
Delta R.T.: -0.003 min
Response: 97485186
Conc: 56.12 ng/ml m



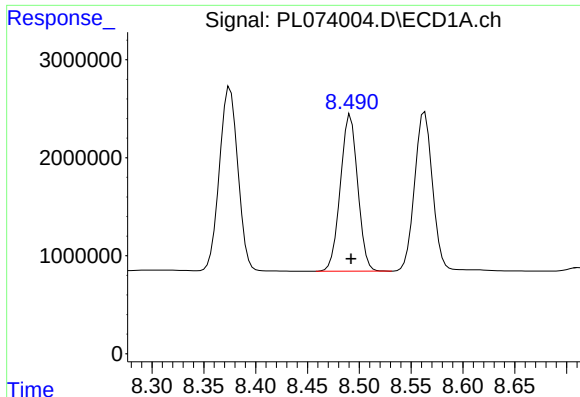
#16 4,4'-DDD

R.T.: 8.230 min
Delta R.T.: 0.000 min
Response: 19556832
Conc: 60.56 ng/ml



#16 4,4'-DDD

R.T.: 8.987 min
Delta R.T.: -0.003 min
Response: 92737845
Conc: 60.27 ng/ml m



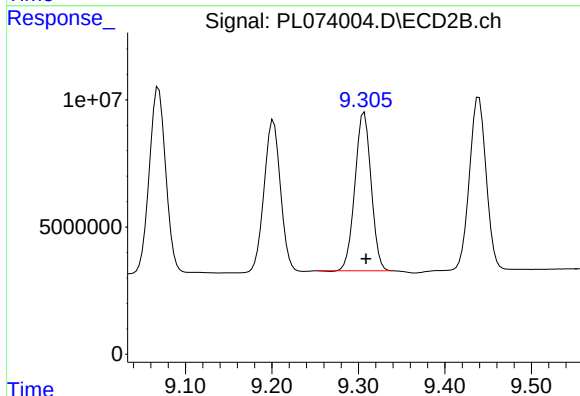
#17 4,4'-DDT

R.T.: 8.492 min
Delta R.T.: 0.000 min
Response: 18609503
Conc: 50.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
A350-CUMS

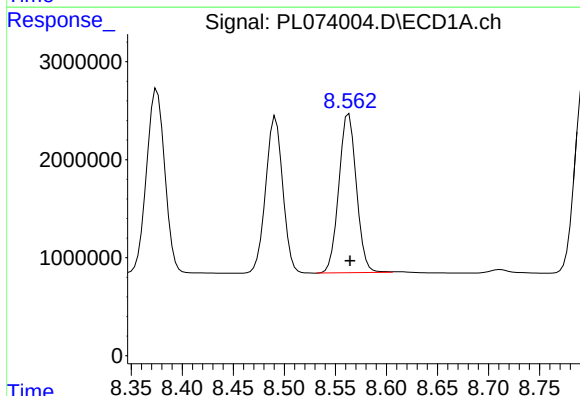
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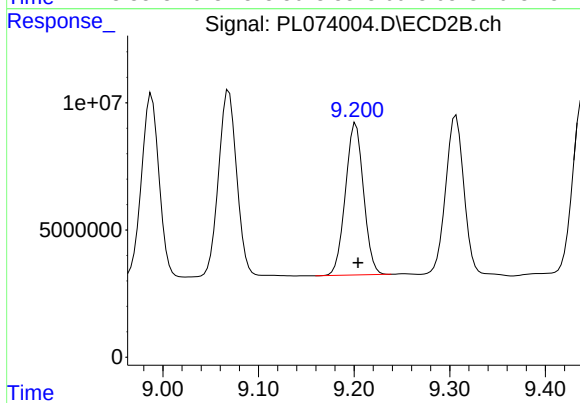
#17 4,4'-DDT

R.T.: 9.307 min
Delta R.T.: -0.002 min
Response: 80827317
Conc: 45.60 ng/ml



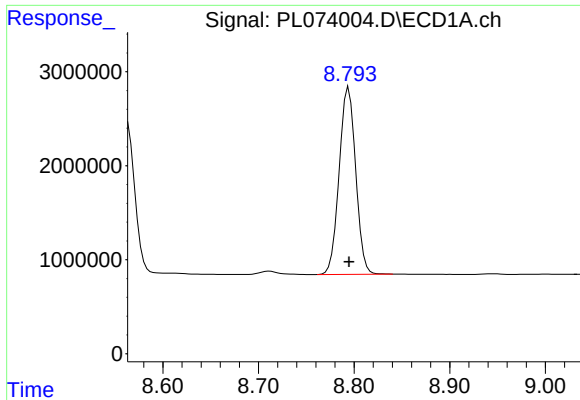
#18 Endrin aldehyde

R.T.: 8.563 min
Delta R.T.: -0.001 min
Response: 19438064
Conc: 60.08 ng/ml



#18 Endrin aldehyde

R.T.: 9.202 min
Delta R.T.: -0.003 min
Response: 78883663
Conc: 61.07 ng/ml



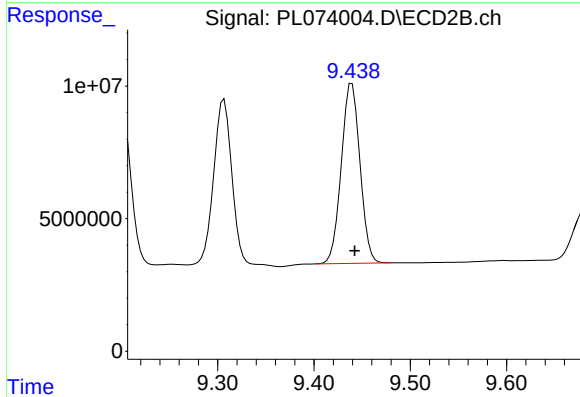
#19 Endosulfan Sulfate

R.T.: 8.794 min
Delta R.T.: 0.000 min
Response: 23926087
Conc: 56.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
A350-CUMS

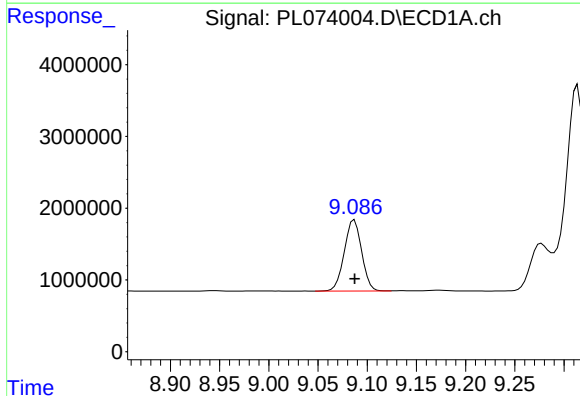
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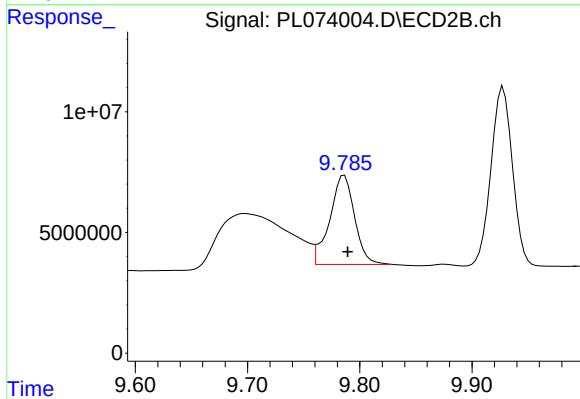
#19 Endosulfan Sulfate

R.T.: 9.439 min
Delta R.T.: -0.003 min
Response: 91243205
Conc: 54.82 ng/ml



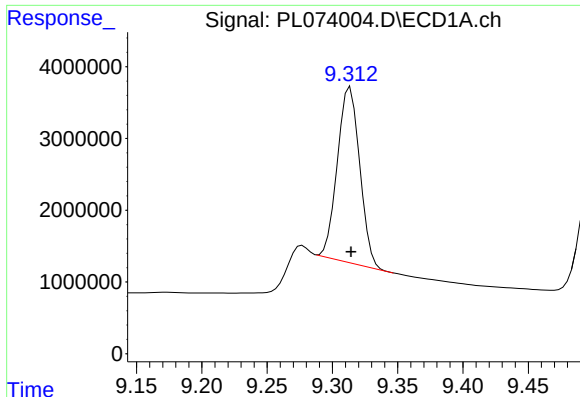
#20 Methoxychlor

R.T.: 9.087 min
Delta R.T.: 0.000 min
Response: 12197110
Conc: 49.13 ng/ml



#20 Methoxychlor

R.T.: 9.785 min
Delta R.T.: -0.004 min
Response: 56151068
Conc: 58.38 ng/ml m



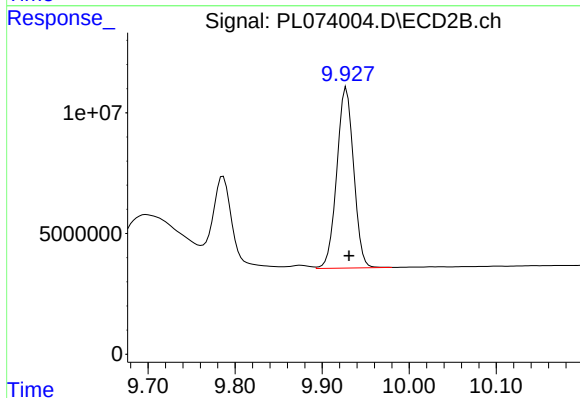
#21 Endrin ketone

R.T.: 9.312 min
Delta R.T.: -0.002 min
Response: 29214337
Conc: 59.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
A350-CUMS

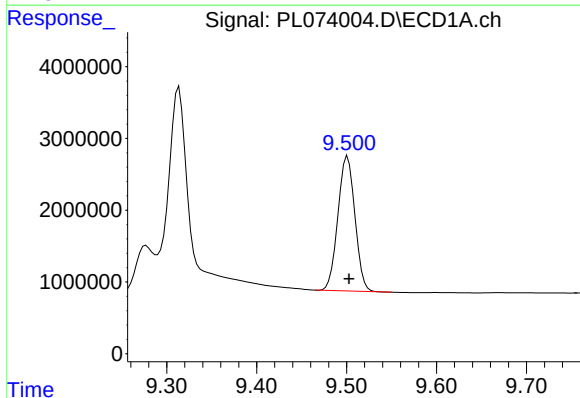
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Reviewed By :Abdul Mirza 04/18/2022
Supervised By :mohammad ahmed 04/18/2022



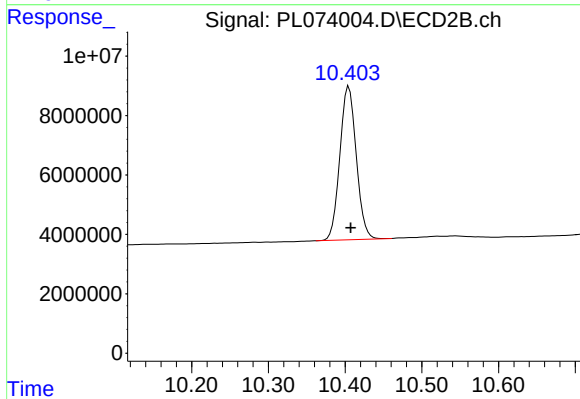
#21 Endrin ketone

R.T.: 9.928 min
Delta R.T.: -0.003 min
Response: 100785141
Conc: 58.23 ng/ml



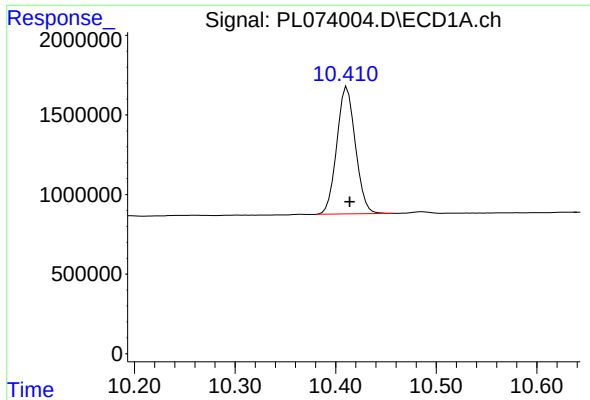
#22 Mirex

R.T.: 9.501 min
Delta R.T.: -0.001 min
Response: 24669710
Conc: 52.89 ng/ml



#22 Mirex

R.T.: 10.405 min
Delta R.T.: -0.003 min
Response: 76985128
Conc: 55.89 ng/ml



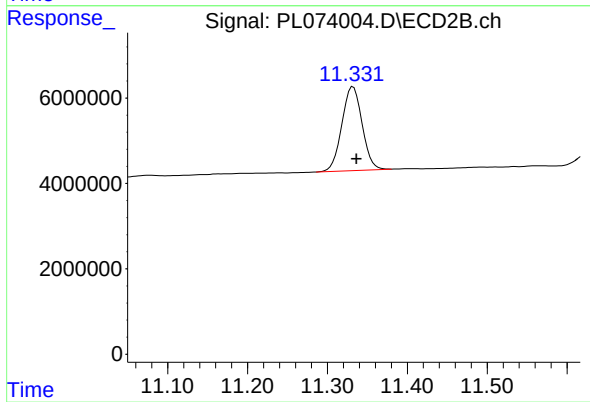
#28 Decachlorobiphenyl

R.T.: 10.411 min
Delta R.T.: -0.002 min
Response: 10235765
Conc: 19.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
A350-CUMS

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 11.332 min
Delta R.T.: -0.004 min
Response: 34673888
Conc: 19.63 ng/ml