

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041922\
 Data File : PL074203.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Apr 2022 23:19
 Operator : AR\AJ
 Sample : PB143979BS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB143979BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/20/2022
 Supervised By : mohammad ahmed 04/20/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 20 00:54:57 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...	4.637	5.490	7191950	40189754	22.258	22.541
28)	SA Decachlor...	10.409	11.335	10784931	39873572	20.739	22.575
Target Compounds							
2)	A alpha-BHC	5.344	6.053	3962789	23142167	9.443	9.190
3)	MA gamma-BHC...	5.768	6.443	4031153	23491395	9.612	9.924
4)	MA Heptachlor	6.179	7.102	4463081	26397159	9.908	10.120
5)	MB Aldrin	6.504	7.470	4267373	24950984	10.282	10.624
6)	B beta-BHC	6.149	6.680	2041875	12598505	9.993	11.179
7)	B delta-BHC	6.410	6.947	2514060	16614281	6.077	6.803
8)	B Heptachlo...	7.081	7.926	4457546	23671075	10.392	10.513
9)	A Endosulfan I	7.484	8.327	4863209	21623618	11.858	10.984
10)	B gamma-Chl...	7.359	8.195	5096351	23879663	11.620	10.707
11)	B alpha-Chl...	7.429	8.277	5106011	23574182	11.558	10.952
12)	B 4,4'-DDE	7.643	8.462	3734546	23871110	10.237	11.985
13)	MA Dieldrin	7.770	8.612	4350502	22428796	10.128	11.185
14)	MA Endrin	8.062	8.846	4027476	18592284	9.914	10.978
15)	B Endosulfa...	8.373	9.071	4475376	18175974	10.858	10.463
16)	A 4,4'-DDD	8.228	8.990	3323948	18308149	10.293	11.899
17)	MA 4,4'-DDT	8.489	9.308	3397349	16539520	9.191	9.330
18)	B Endrin al...	8.561	9.202	3549116	15354589	10.969	11.888m
19)	B Endosulfa...	8.792	9.440	4841509	14828797	11.338	8.910
20)	A Methoxychlor	9.083	9.787	2503991	9223634	10.086m	9.590m
21)	B Endrin ke...	9.311	9.929	5150884	18685969	10.543	10.795
22)	Mirex	9.498	10.406	16315141	51453400	34.981	37.355

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041922\
 Data File : PL074203.D
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 Acq On : 19 Apr 2022 23:19
 Operator : AR\AJ
 Sample : PB143979BS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

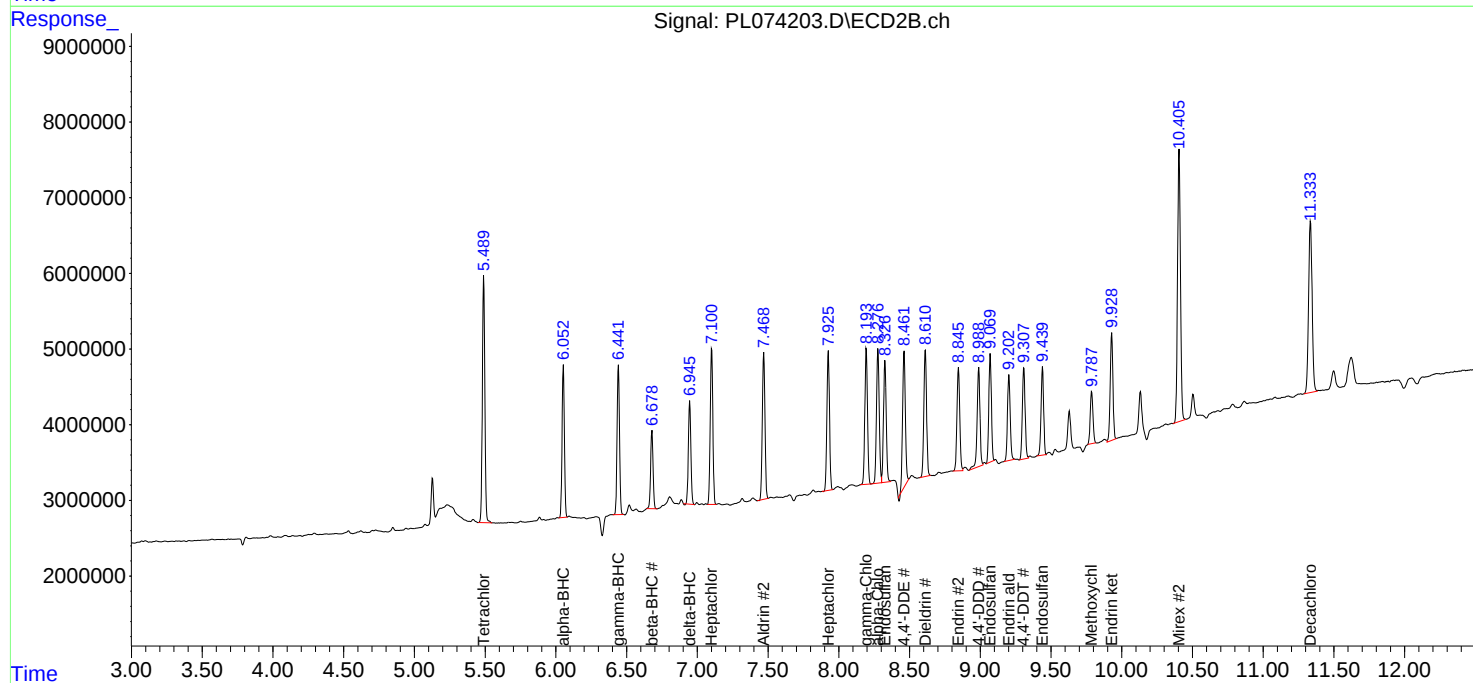
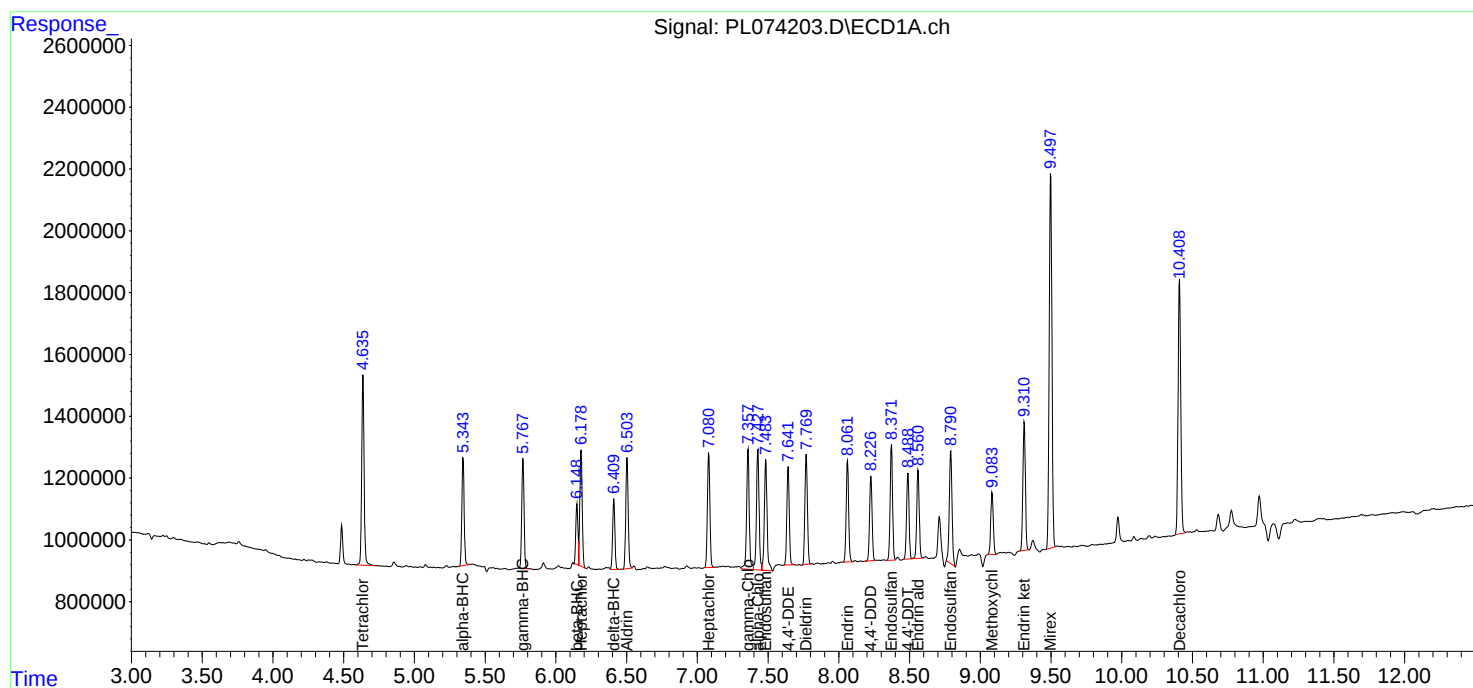
Instrument :
 ECD_L
 ClientSampleId :
 PB143979BS

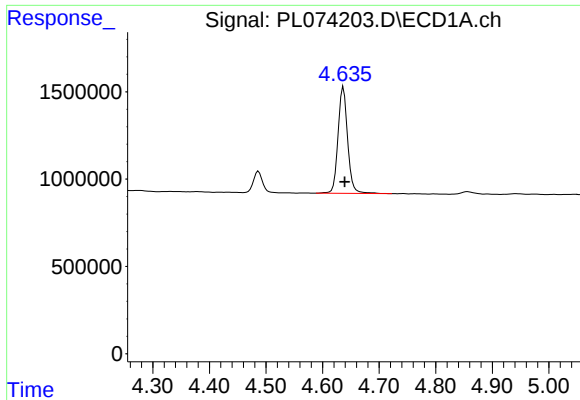
Manual Integrations APPROVED

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 Supervised By : mohammad ahmed 04/20/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 20 00:54:57 2022
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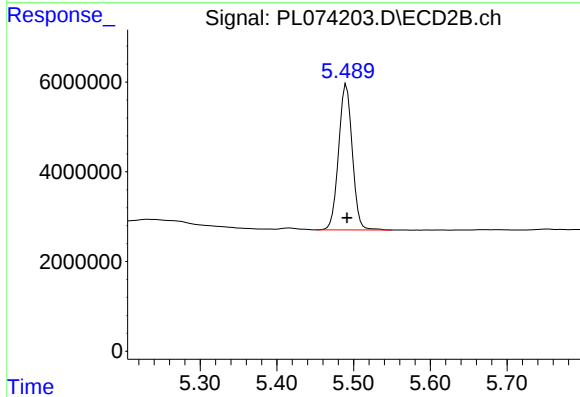
#1 Tetrachloro-m-xylene

R.T.: 4.637 min
Delta R.T.: -0.002 min
Response: 7191950
Conc: 22.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143979BS

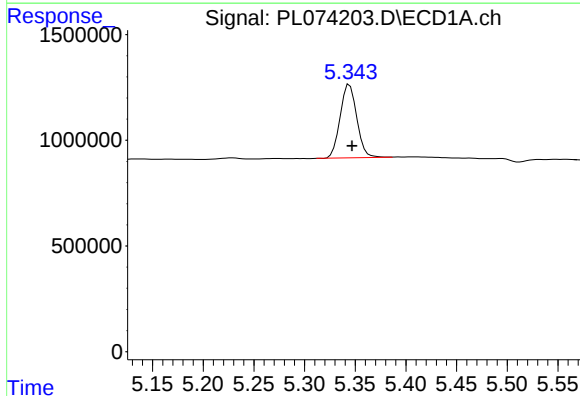
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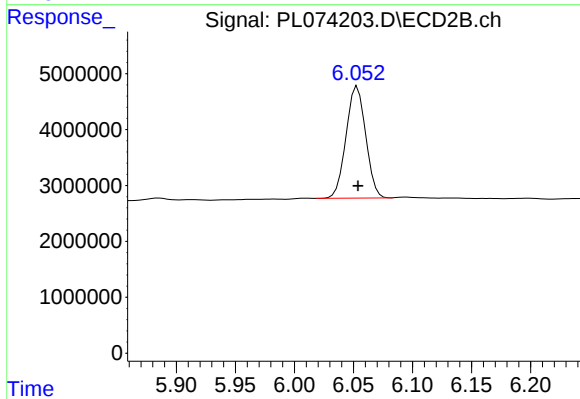
#1 Tetrachloro-m-xylene

R.T.: 5.490 min
Delta R.T.: 0.000 min
Response: 40189754
Conc: 22.54 ng/ml



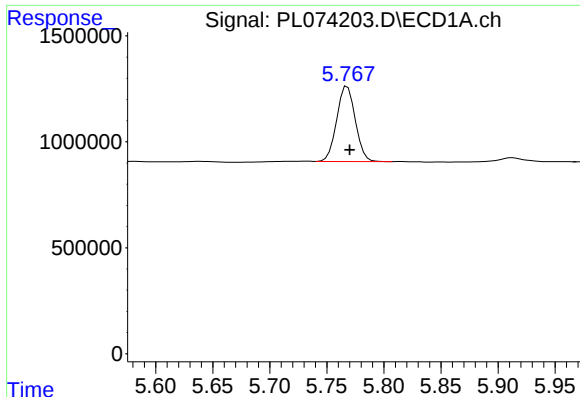
#2 alpha-BHC

R.T.: 5.344 min
Delta R.T.: -0.002 min
Response: 3962789
Conc: 9.44 ng/ml



#2 alpha-BHC

R.T.: 6.053 min
Delta R.T.: 0.000 min
Response: 23142167
Conc: 9.19 ng/ml



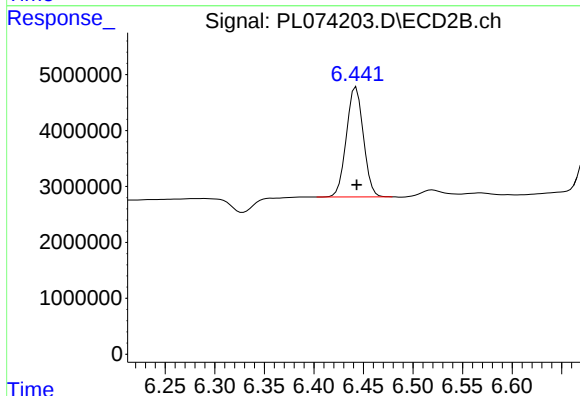
#3 gamma-BHC (Lindane)

R.T.: 5.768 min
Delta R.T.: -0.002 min
Response: 4031153
Conc: 9.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143979BS

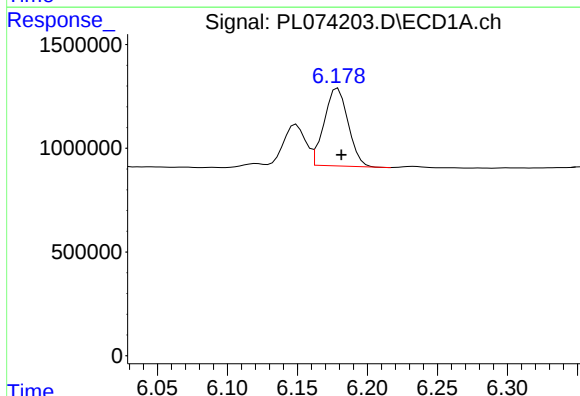
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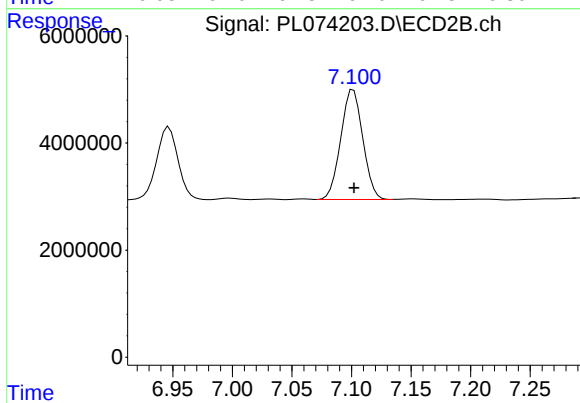
#3 gamma-BHC (Lindane)

R.T.: 6.443 min
Delta R.T.: 0.000 min
Response: 23491395
Conc: 9.92 ng/ml



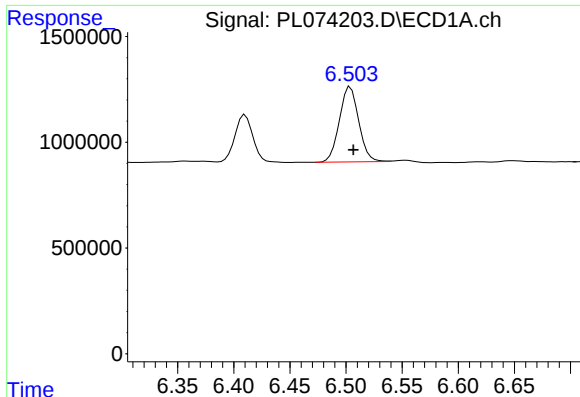
#4 Heptachlor

R.T.: 6.179 min
Delta R.T.: -0.002 min
Response: 4463081
Conc: 9.91 ng/ml



#4 Heptachlor

R.T.: 7.102 min
Delta R.T.: 0.000 min
Response: 26397159
Conc: 10.12 ng/ml



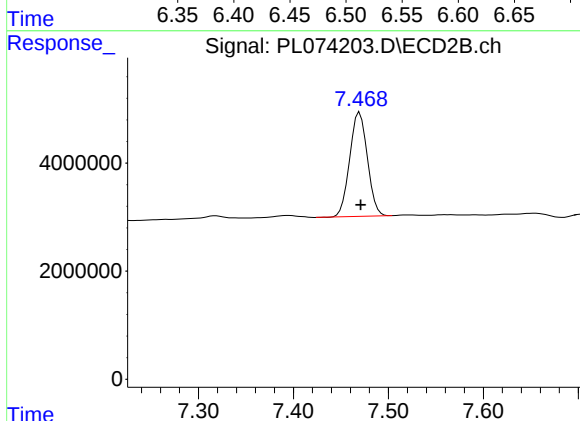
#5 Aldrin

R.T.: 6.504 min
Delta R.T.: -0.003 min
Response: 4267373
Conc: 10.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143979BS

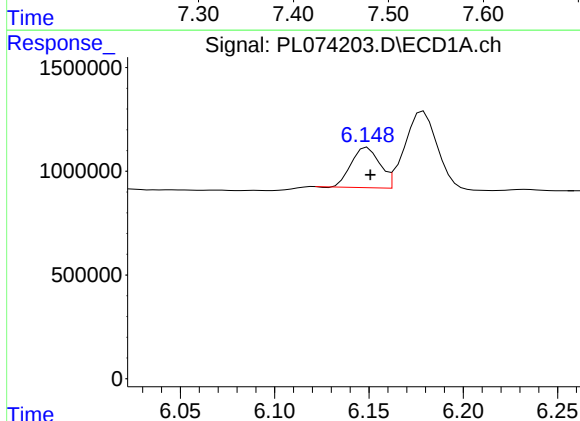
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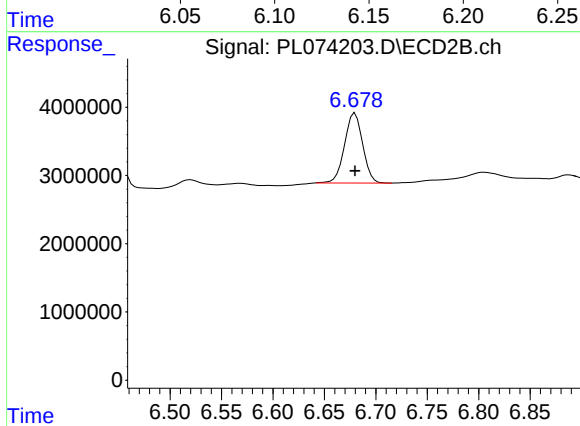
#5 Aldrin

R.T.: 7.470 min
Delta R.T.: -0.001 min
Response: 24950984
Conc: 10.62 ng/ml



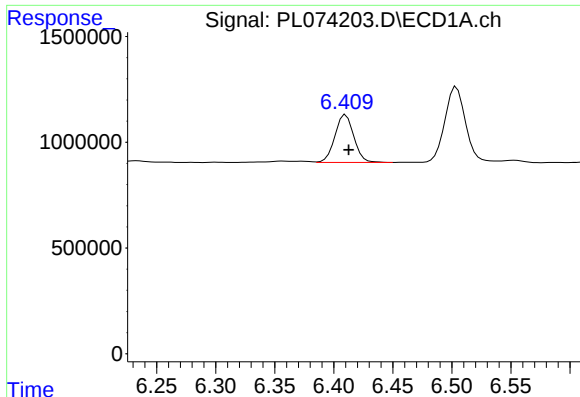
#6 beta-BHC

R.T.: 6.149 min
Delta R.T.: -0.002 min
Response: 2041875
Conc: 9.99 ng/ml



#6 beta-BHC

R.T.: 6.680 min
Delta R.T.: 0.000 min
Response: 12598505
Conc: 11.18 ng/ml



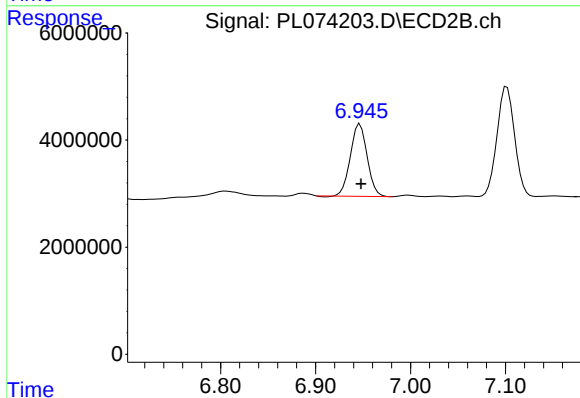
#7 delta-BHC

R.T.: 6.410 min
Delta R.T.: -0.002 min
Response: 2514060
Conc: 6.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143979BS

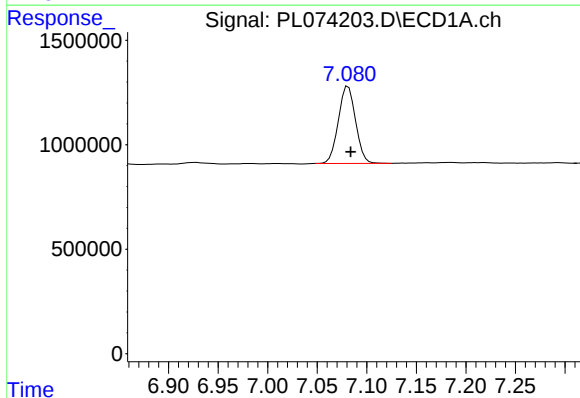
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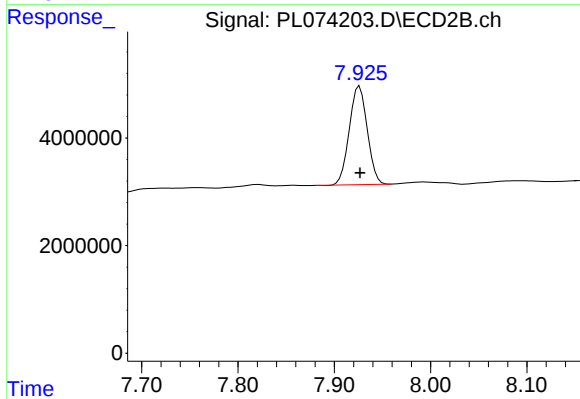
#7 delta-BHC

R.T.: 6.947 min
Delta R.T.: -0.001 min
Response: 16614281
Conc: 6.80 ng/ml



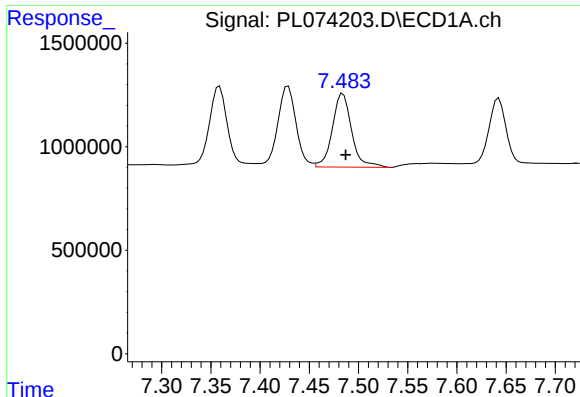
#8 Heptachlor epoxide

R.T.: 7.081 min
Delta R.T.: -0.003 min
Response: 4457546
Conc: 10.39 ng/ml



#8 Heptachlor epoxide

R.T.: 7.926 min
Delta R.T.: 0.000 min
Response: 23671075
Conc: 10.51 ng/ml



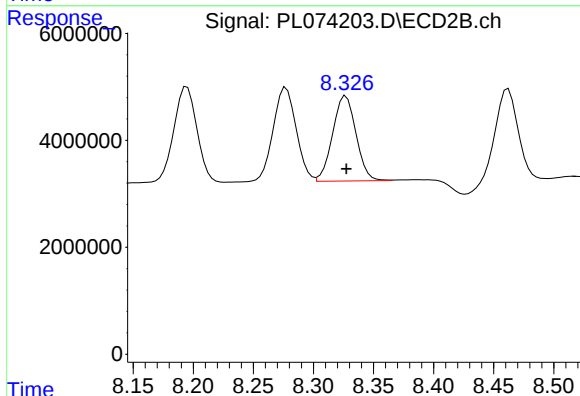
#9 Endosulfan I

R.T.: 7.484 min
Delta R.T.: -0.003 min
Response: 4863209
Conc: 11.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143979BS

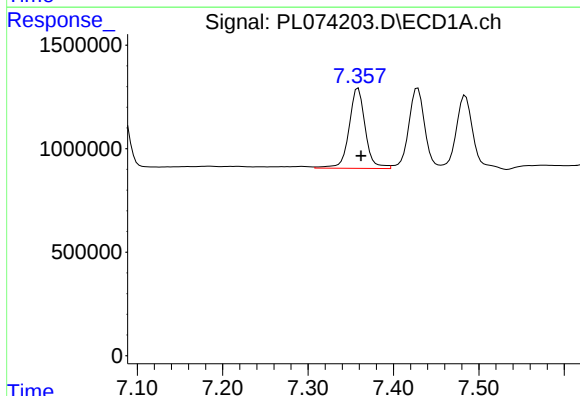
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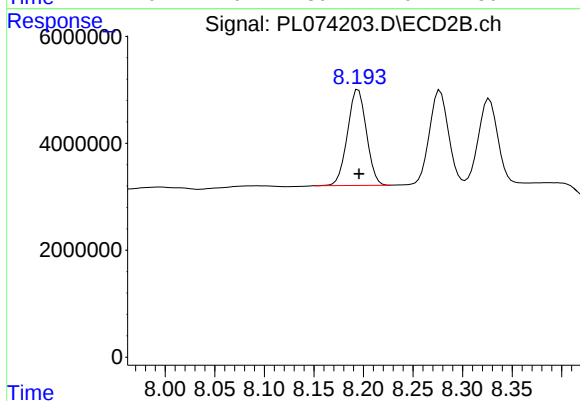
#9 Endosulfan I

R.T.: 8.327 min
Delta R.T.: 0.000 min
Response: 21623618
Conc: 10.98 ng/ml



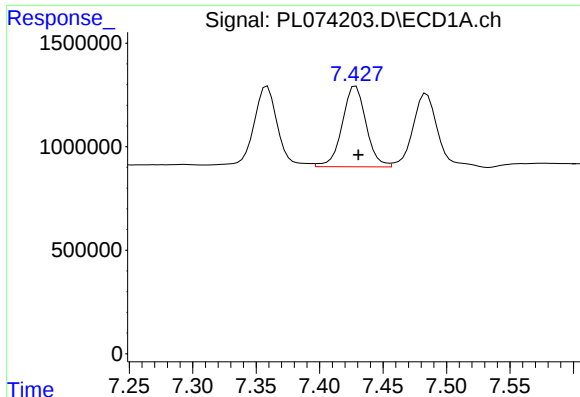
#10 gamma-Chlordane

R.T.: 7.359 min
Delta R.T.: -0.003 min
Response: 5096351
Conc: 11.62 ng/ml



#10 gamma-Chlordane

R.T.: 8.195 min
Delta R.T.: 0.000 min
Response: 23879663
Conc: 10.71 ng/ml



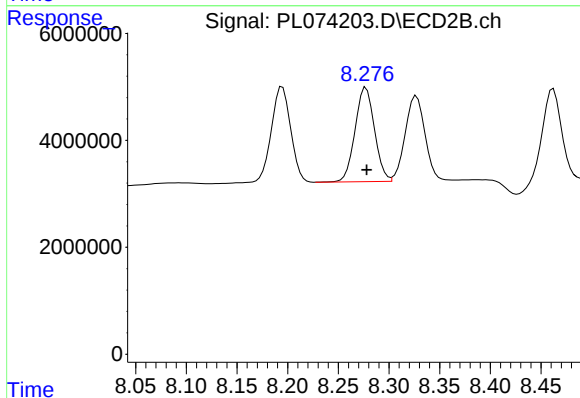
#11 alpha-Chlordane

R.T.: 7.429 min
Delta R.T.: -0.002 min
Response: 5106011
Conc: 11.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143979BS

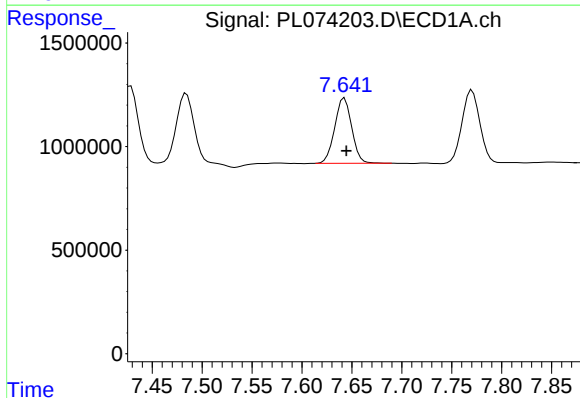
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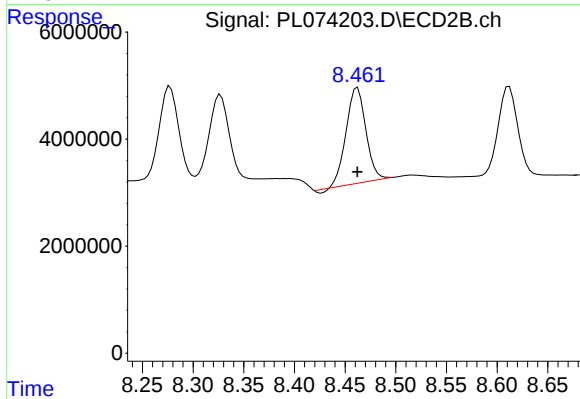
#11 alpha-Chlordane

R.T.: 8.277 min
Delta R.T.: 0.000 min
Response: 23574182
Conc: 10.95 ng/ml



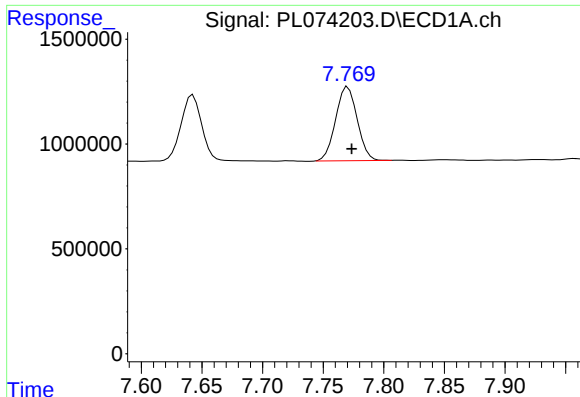
#12 4,4'-DDE

R.T.: 7.643 min
Delta R.T.: -0.002 min
Response: 3734546
Conc: 10.24 ng/ml



#12 4,4'-DDE

R.T.: 8.462 min
Delta R.T.: 0.000 min
Response: 23871110
Conc: 11.99 ng/ml



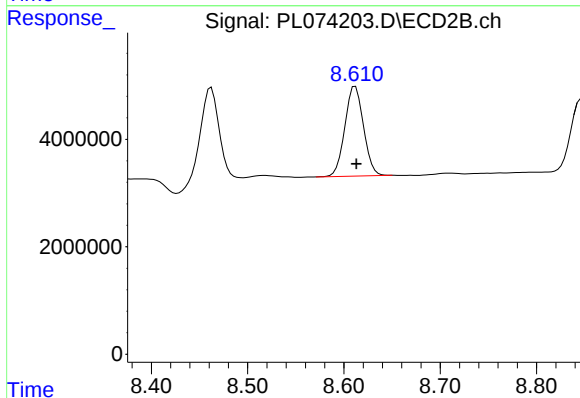
#13 Dieldrin

R.T.: 7.770 min
Delta R.T.: -0.003 min
Response: 4350502
Conc: 10.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143979BS

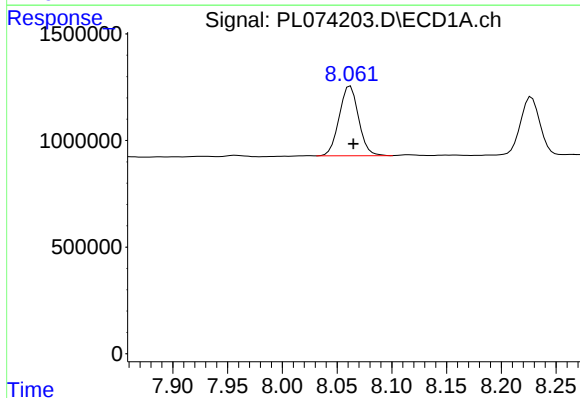
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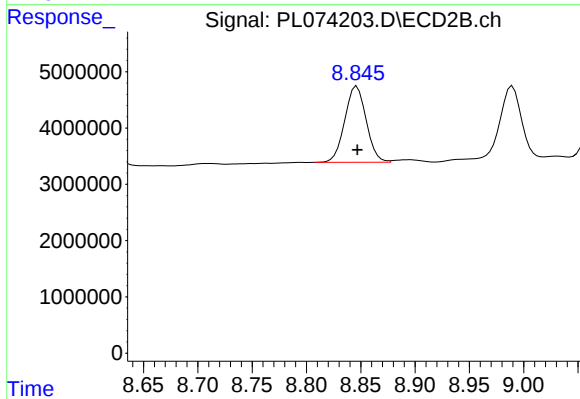
#13 Dieldrin

R.T.: 8.612 min
Delta R.T.: 0.000 min
Response: 22428796
Conc: 11.18 ng/ml



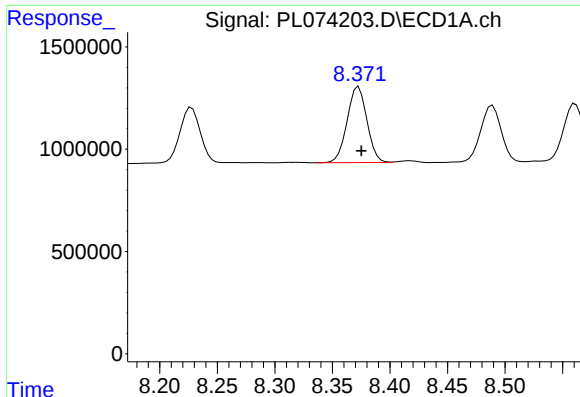
#14 Endrin

R.T.: 8.062 min
Delta R.T.: -0.003 min
Response: 4027476
Conc: 9.91 ng/ml



#14 Endrin

R.T.: 8.846 min
Delta R.T.: 0.000 min
Response: 18592284
Conc: 10.98 ng/ml



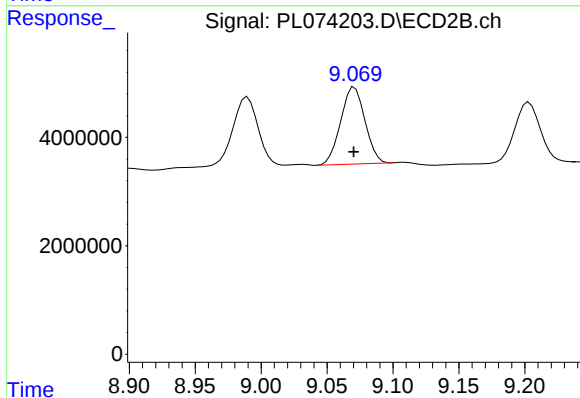
#15 Endosulfan II

R.T.: 8.373 min
Delta R.T.: -0.003 min
Response: 4475376
Conc: 10.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143979BS

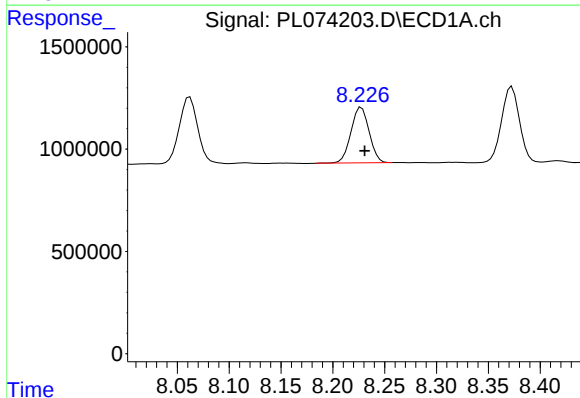
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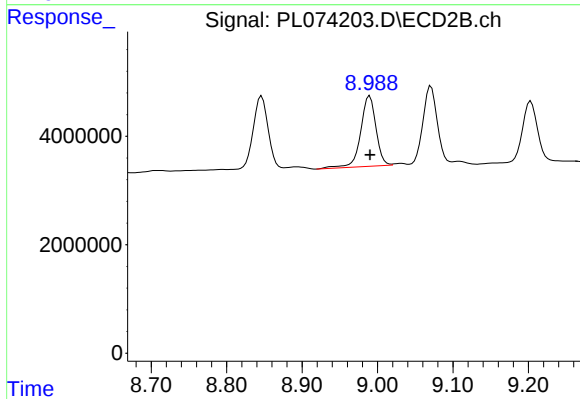
#15 Endosulfan II

R.T.: 9.071 min
Delta R.T.: 0.000 min
Response: 18175974
Conc: 10.46 ng/ml



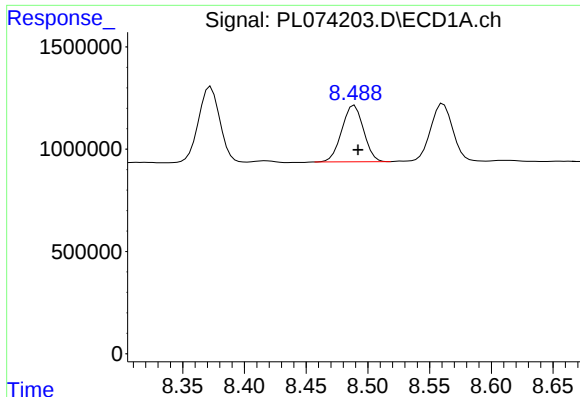
#16 4,4'-DDD

R.T.: 8.228 min
Delta R.T.: -0.003 min
Response: 3323948
Conc: 10.29 ng/ml



#16 4,4'-DDD

R.T.: 8.990 min
Delta R.T.: 0.000 min
Response: 18308149
Conc: 11.90 ng/ml



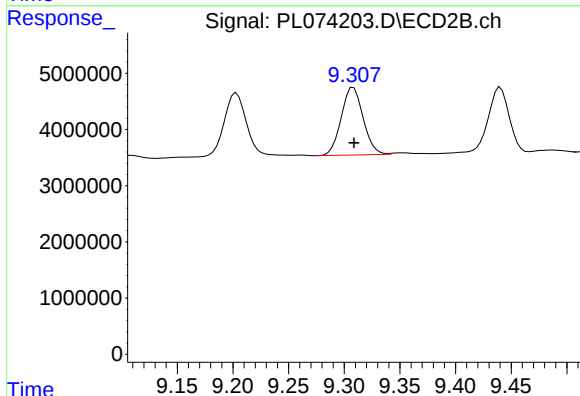
#17 4,4'-DDT

R.T.: 8.489 min
Delta R.T.: -0.003 min
Response: 3397349
Conc: 9.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
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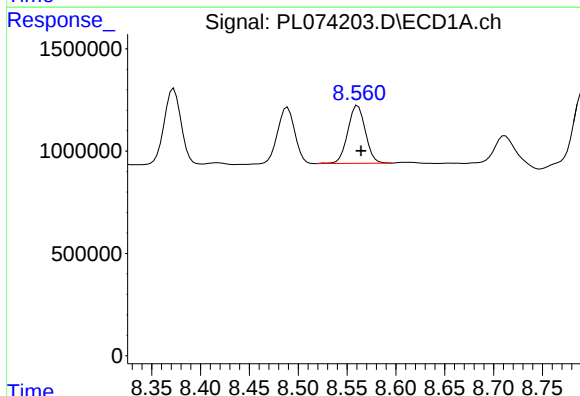
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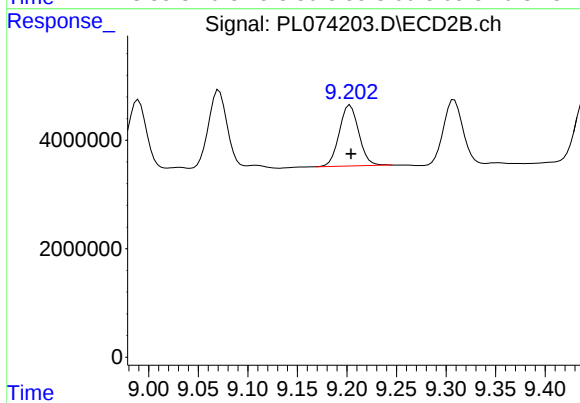
#17 4,4'-DDT

R.T.: 9.308 min
Delta R.T.: 0.000 min
Response: 16539520
Conc: 9.33 ng/ml



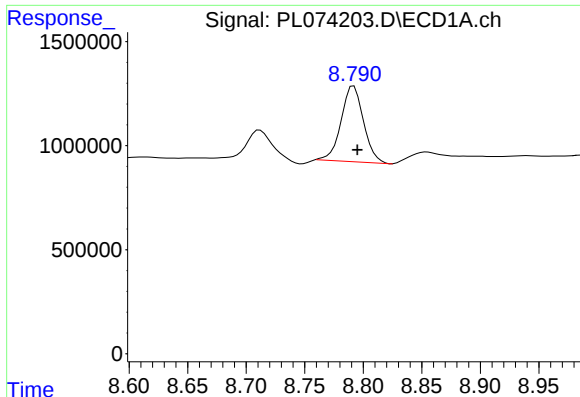
#18 Endrin aldehyde

R.T.: 8.561 min
Delta R.T.: -0.003 min
Response: 3549116
Conc: 10.97 ng/ml



#18 Endrin aldehyde

R.T.: 9.202 min
Delta R.T.: -0.002 min
Response: 15354589
Conc: 11.89 ng/ml m



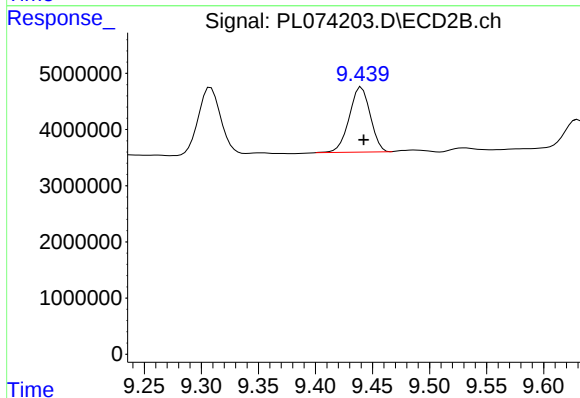
#19 Endosulfan Sulfate

R.T.: 8.792 min
Delta R.T.: -0.003 min
Response: 4841509
Conc: 11.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143979BS

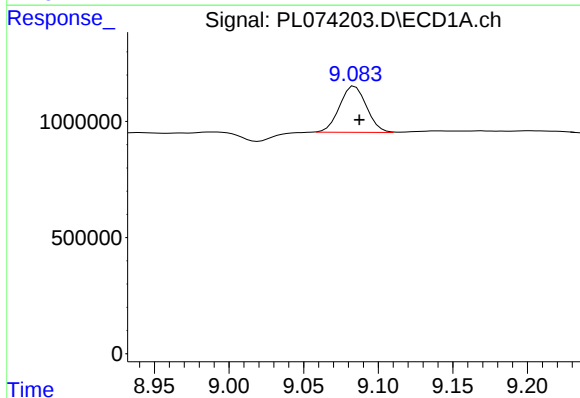
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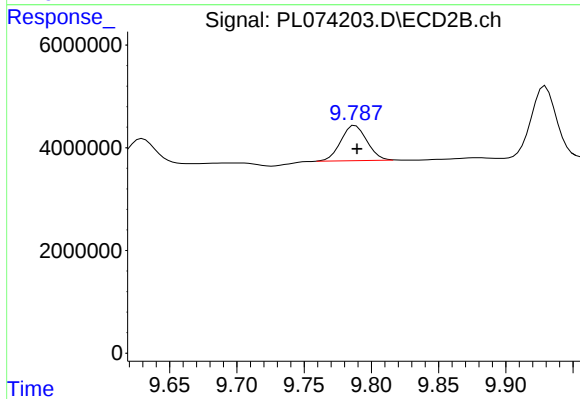
#19 Endosulfan Sulfate

R.T.: 9.440 min
Delta R.T.: -0.002 min
Response: 14828797
Conc: 8.91 ng/ml



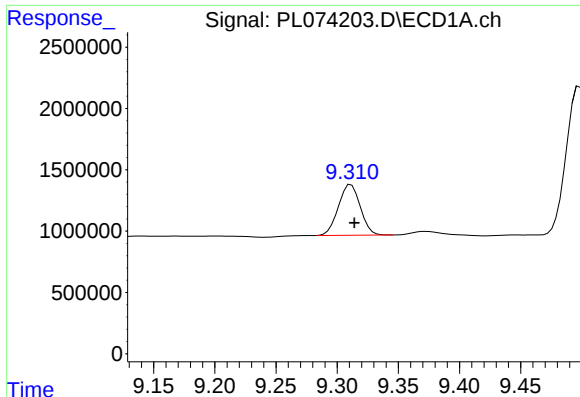
#20 Methoxychlor

R.T.: 9.083 min
Delta R.T.: -0.004 min
Response: 2503991
Conc: 10.09 ng/ml m



#20 Methoxychlor

R.T.: 9.787 min
Delta R.T.: -0.003 min
Response: 9223634
Conc: 9.59 ng/ml m



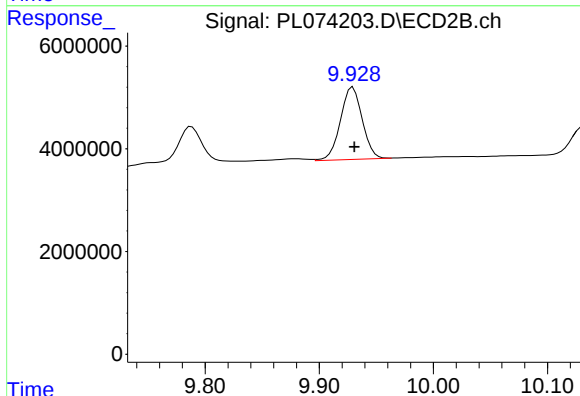
#21 Endrin ketone

R.T.: 9.311 min
Delta R.T.: -0.003 min
Response: 5150884
Conc: 10.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143979BS

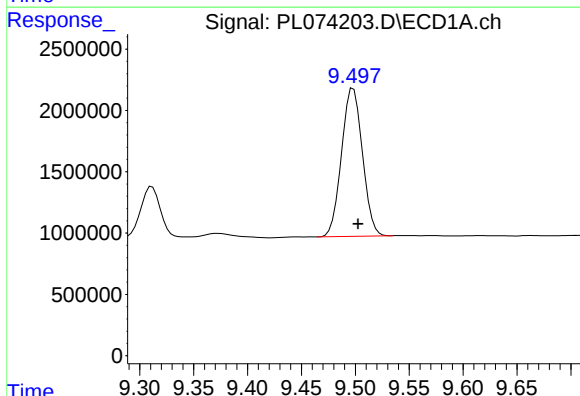
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Reviewed By :Abdul Mirza 04/20/2022
Supervised By :mohammad ahmed 04/20/2022



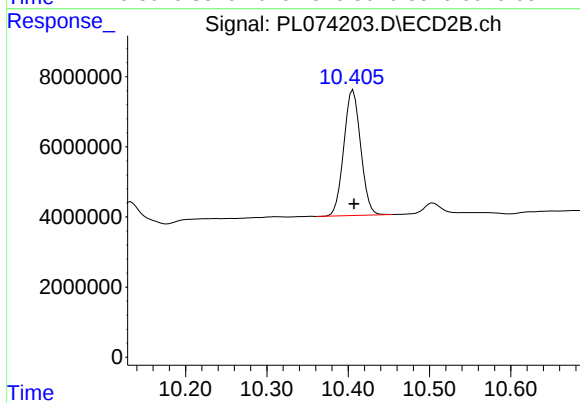
#21 Endrin ketone

R.T.: 9.929 min
Delta R.T.: -0.001 min
Response: 18685969
Conc: 10.80 ng/ml



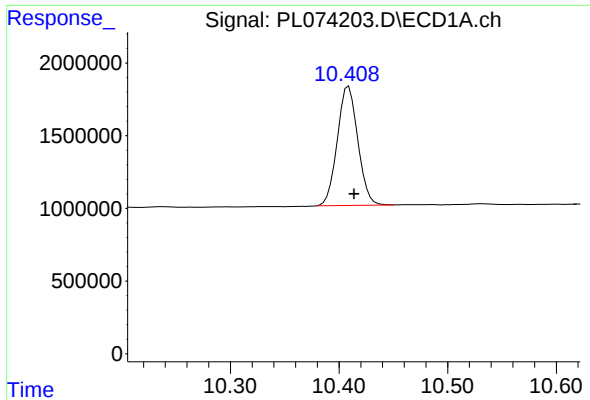
#22 Mirex

R.T.: 9.498 min
Delta R.T.: -0.004 min
Response: 16315141
Conc: 34.98 ng/ml



#22 Mirex

R.T.: 10.406 min
Delta R.T.: -0.001 min
Response: 51453400
Conc: 37.36 ng/ml



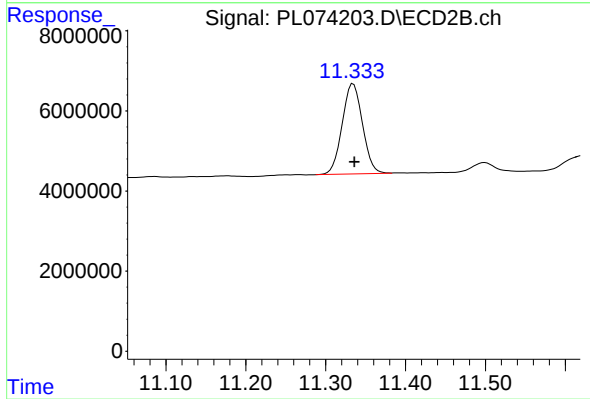
#28 Decachlorobiphenyl

R.T.: 10.409 min
Delta R.T.: -0.005 min
Response: 10784931
Conc: 20.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143979BS

Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 04/20/2022



#28 Decachlorobiphenyl

R.T.: 11.335 min
Delta R.T.: -0.001 min
Response: 39873572
Conc: 22.57 ng/ml