

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012522\
 Data File : PL072254.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Jan 2022 21:15
 Operator : AR\AJ
 Sample : PB142250BS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB142250BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 01/26/2022
 Supervised By : Ankita Jodhani 01/26/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 26 00:42:26 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL011722.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 18 10:53:59 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...	4.556	5.492	11597647	35372985	20.890	21.780
28)	SA Decachlor...	10.318	11.385	20253360	35698313	22.797	22.125
Target Compounds							
2)	A alpha-BHC	5.262	6.074	39466029	121.9E6	51.041	50.515
3)	MA gamma-BHC...	5.685	6.468	38906960	118.0E6	51.599	52.447m
4)	MA Heptachlor	6.092	7.116	45323909	119.4E6	52.538	51.492
5)	MB Aldrin	6.415	7.486	39527412	108.8E6	50.058	49.200
6)	B beta-BHC	6.071	6.729	16778323	51084534	50.757	51.595
7)	B delta-BHC	6.328	6.995	40140137	115.8E6	50.673	47.058
8)	B Heptachlo...	6.993	7.954	39379888	101.5E6	51.732	50.697
9)	A Endosulfan I	7.395	8.358	37386848	93155661	52.605	51.465
10)	B gamma-Chl...	7.270	8.224	40163081	101.1E6	51.116	50.010
11)	B alpha-Chl...	7.340	8.304	40253704	99790163	51.312	50.328
12)	B 4,4'-DDE	7.555	8.494	38126657	96885431	52.808	51.228
13)	MA Dieldrin	7.681	8.647	38636363	95919027	50.997	48.824
14)	MA Endrin	7.972	8.887	35485841	81672643	50.646	49.259
15)	B Endosulfa...	8.285	9.123	34650068	80386081	46.602	46.875
16)	A 4,4'-DDD	8.141	9.035	31865921	75068378	54.358	52.503
17)	MA 4,4'-DDT	8.401	9.351	34448531	81168014	51.875	51.354
18)	B Endrin al...	8.474	9.258	28895972	64627871	50.717	52.062
19)	B Endosulfa...	8.705	9.496	36884303	78341720	50.307	50.182
20)	A Methoxychlor	8.997	9.839	21329214	41595818	50.556	50.215
21)	B Endrin ke...	9.223	9.993	43780147	86358750	52.576	52.180
22)	Mirex	9.405	10.455	37516025	63607954	50.801	50.977

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

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PB142250BS

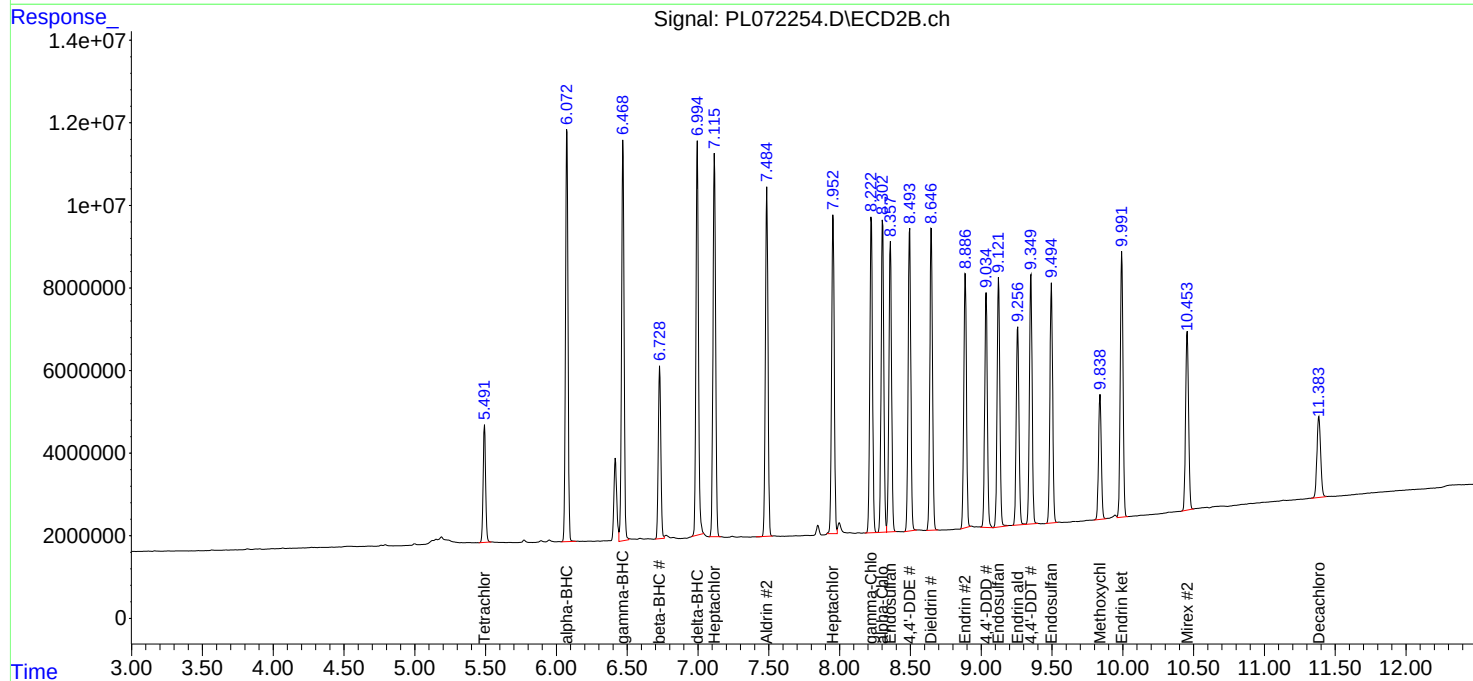
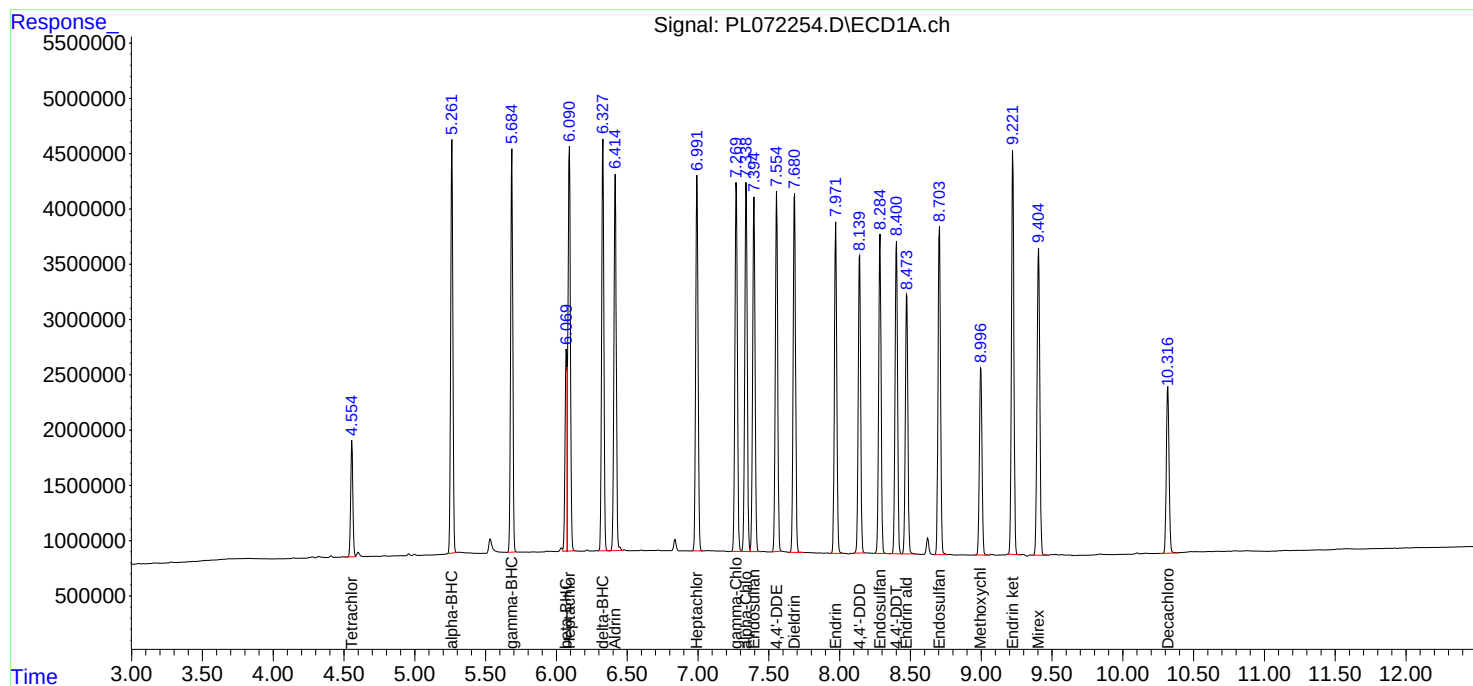
Manual Integrations

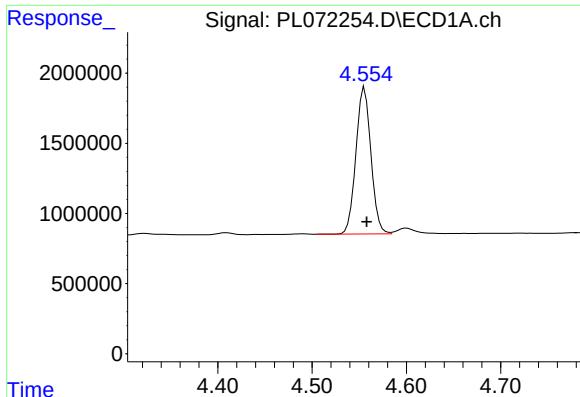
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 Supervised By :Ankita Jodhani 01/26/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 26 00:42:26 2022
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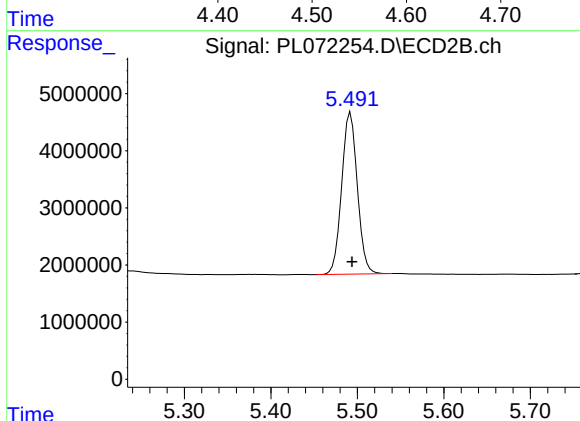
#1 Tetrachloro-m-xylene

R.T.: 4.556 min
Delta R.T.: -0.002 min
Response: 11597647
Conc: 20.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142250BS

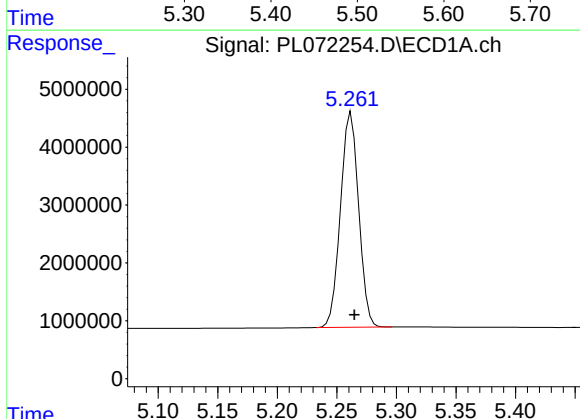
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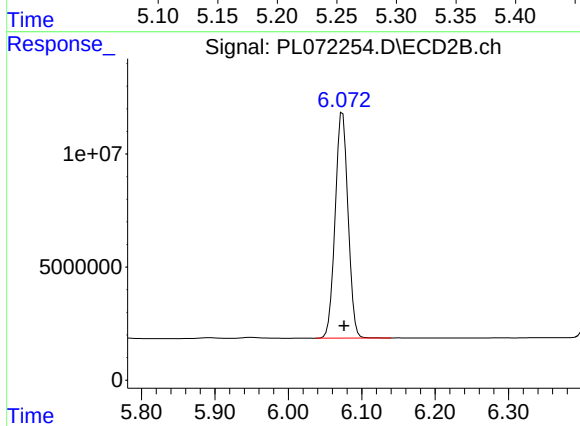
#1 Tetrachloro-m-xylene

R.T.: 5.492 min
Delta R.T.: -0.002 min
Response: 35372985
Conc: 21.78 ng/ml



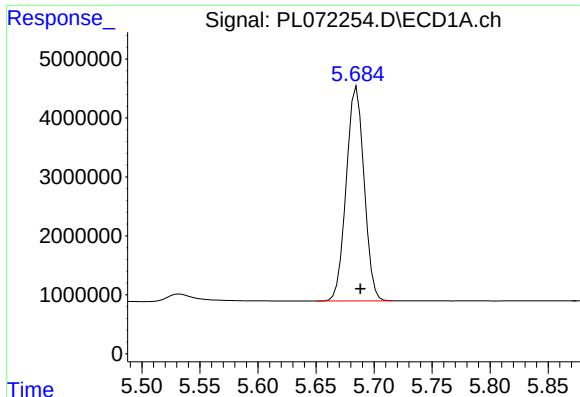
#2 alpha-BHC

R.T.: 5.262 min
Delta R.T.: -0.003 min
Response: 39466029
Conc: 51.04 ng/ml



#2 alpha-BHC

R.T.: 6.074 min
Delta R.T.: -0.002 min
Response: 121885900
Conc: 50.52 ng/ml



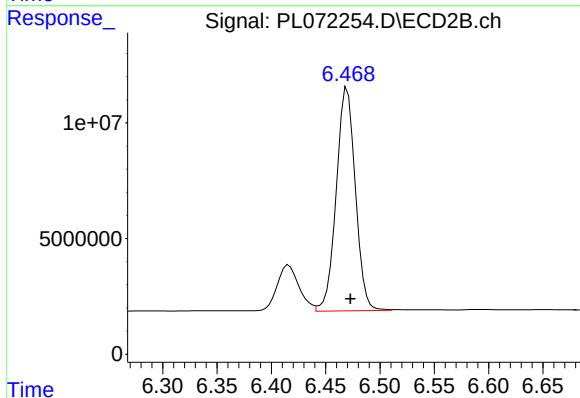
#3 gamma-BHC (Lindane)

R.T.: 5.685 min
Delta R.T.: -0.003 min
Response: 38906960
Conc: 51.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142250BS

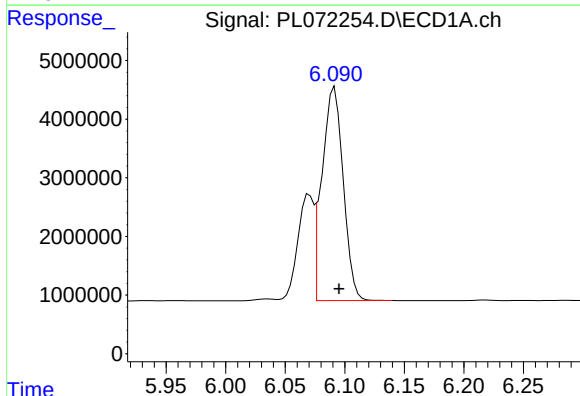
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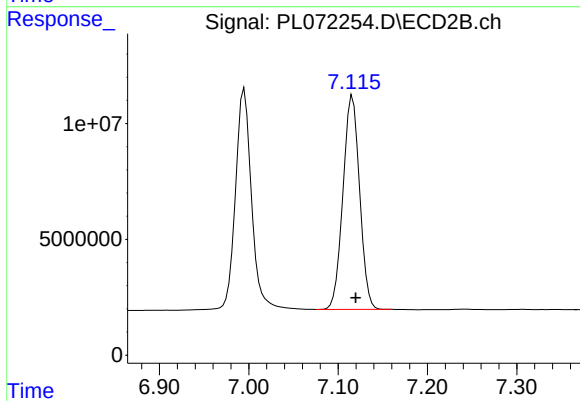
#3 gamma-BHC (Lindane)

R.T.: 6.468 min
Delta R.T.: -0.004 min
Response: 118021876
Conc: 52.45 ng/ml m



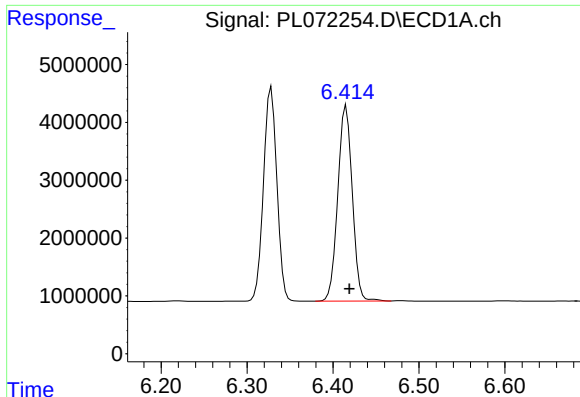
#4 Heptachlor

R.T.: 6.092 min
Delta R.T.: -0.004 min
Response: 45323909
Conc: 52.54 ng/ml



#4 Heptachlor

R.T.: 7.116 min
Delta R.T.: -0.004 min
Response: 119382712
Conc: 51.49 ng/ml



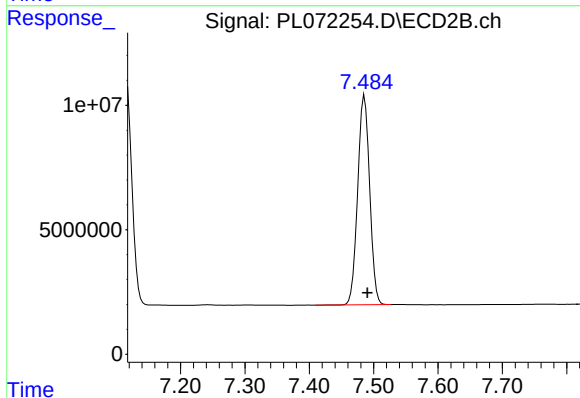
#5 Aldrin

R.T.: 6.415 min
Delta R.T.: -0.004 min
Response: 39527412
Conc: 50.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142250BS

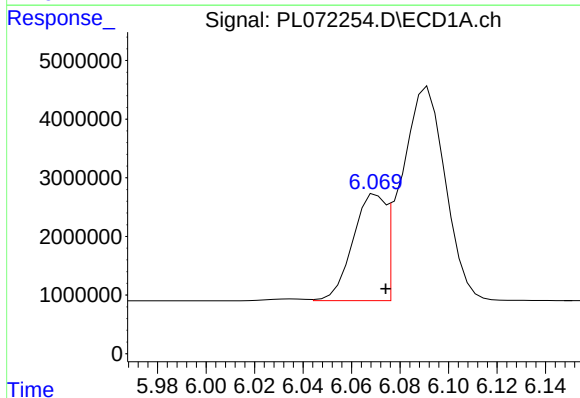
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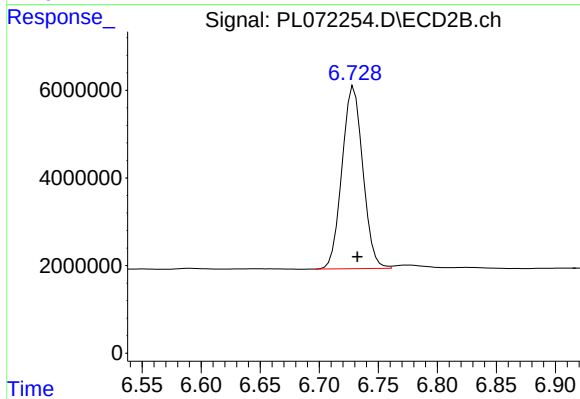
#5 Aldrin

R.T.: 7.486 min
Delta R.T.: -0.004 min
Response: 108792170
Conc: 49.20 ng/ml



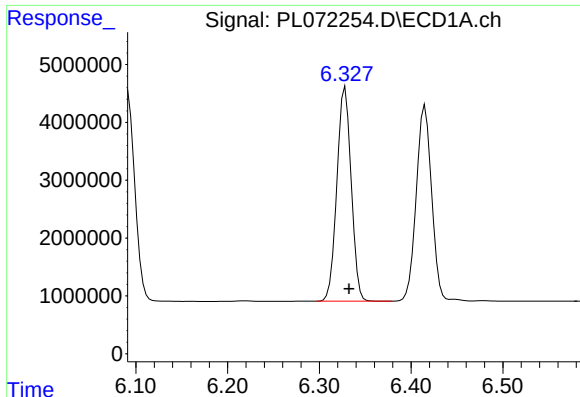
#6 beta-BHC

R.T.: 6.071 min
Delta R.T.: -0.004 min
Response: 16778323
Conc: 50.76 ng/ml



#6 beta-BHC

R.T.: 6.729 min
Delta R.T.: -0.003 min
Response: 51084534
Conc: 51.59 ng/ml



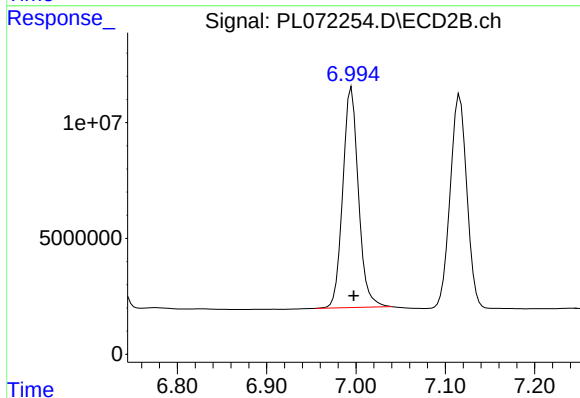
#7 delta-BHC

R.T.: 6.328 min
Delta R.T.: -0.004 min
Response: 40140137
Conc: 50.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142250BS

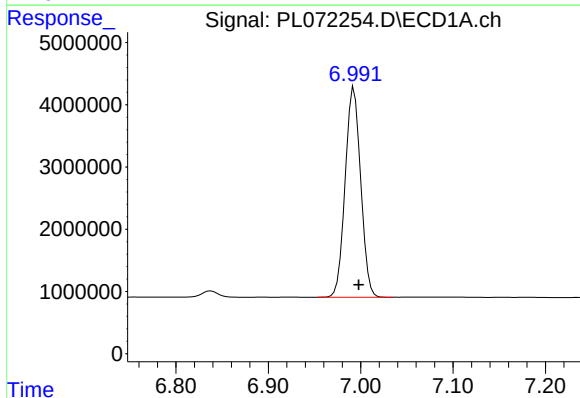
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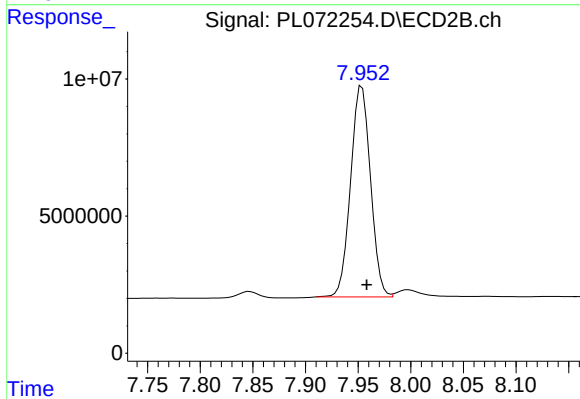
#7 delta-BHC

R.T.: 6.995 min
Delta R.T.: -0.003 min
Response: 115778527
Conc: 47.06 ng/ml



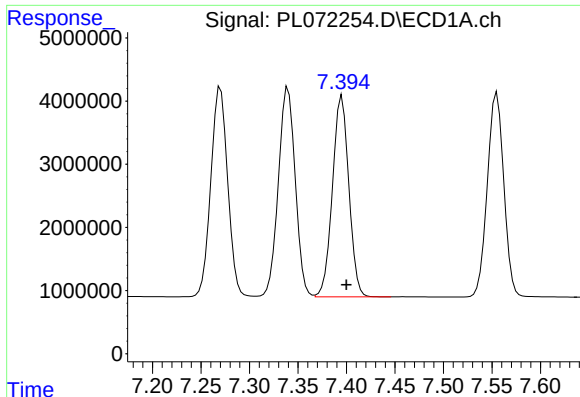
#8 Heptachlor epoxide

R.T.: 6.993 min
Delta R.T.: -0.005 min
Response: 39379888
Conc: 51.73 ng/ml



#8 Heptachlor epoxide

R.T.: 7.954 min
Delta R.T.: -0.004 min
Response: 101510969
Conc: 50.70 ng/ml



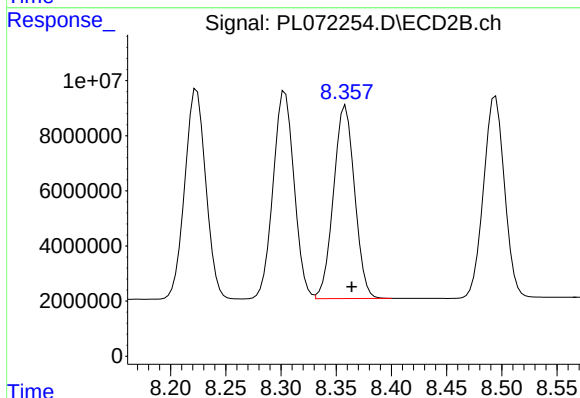
#9 Endosulfan I

R.T.: 7.395 min
Delta R.T.: -0.005 min
Response: 37386848
Conc: 52.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142250BS

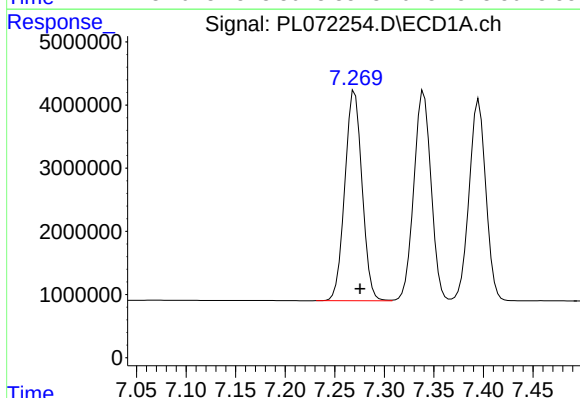
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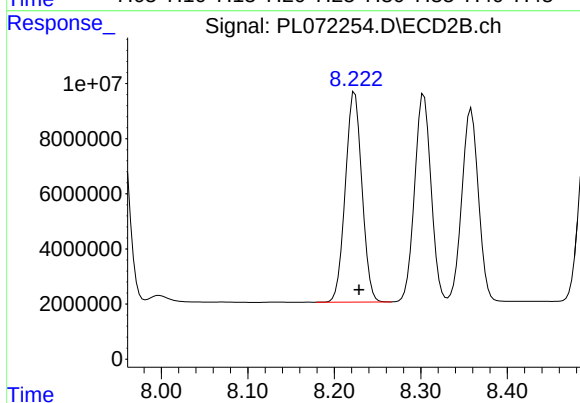
#9 Endosulfan I

R.T.: 8.358 min
Delta R.T.: -0.006 min
Response: 93155661
Conc: 51.47 ng/ml



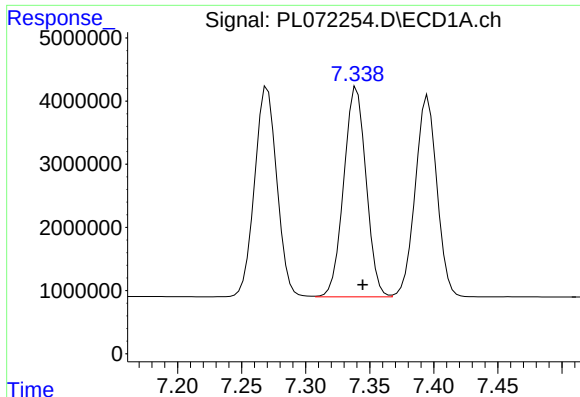
#10 gamma-Chlordane

R.T.: 7.270 min
Delta R.T.: -0.005 min
Response: 40163081
Conc: 51.12 ng/ml



#10 gamma-Chlordane

R.T.: 8.224 min
Delta R.T.: -0.005 min
Response: 101061562
Conc: 50.01 ng/ml



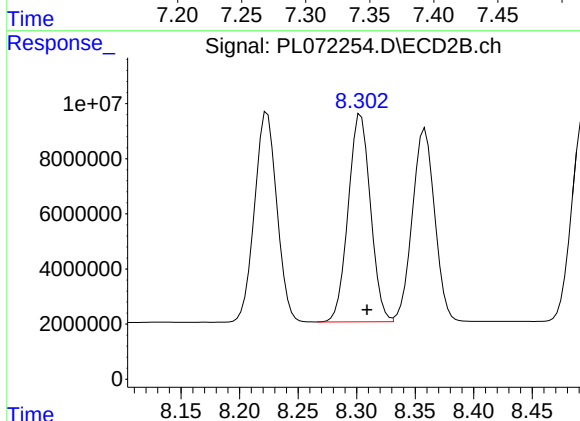
#11 alpha-Chlordane

R.T.: 7.340 min
Delta R.T.: -0.005 min
Response: 40253704
Conc: 51.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142250BS

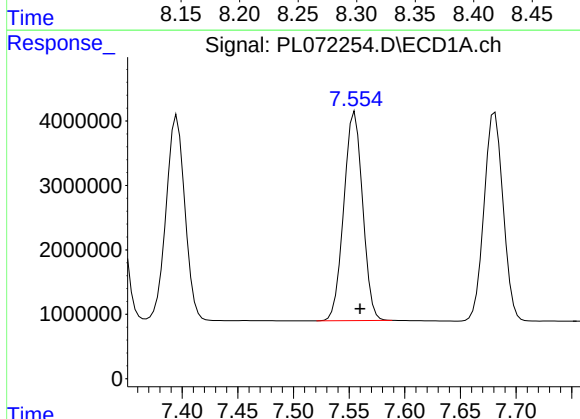
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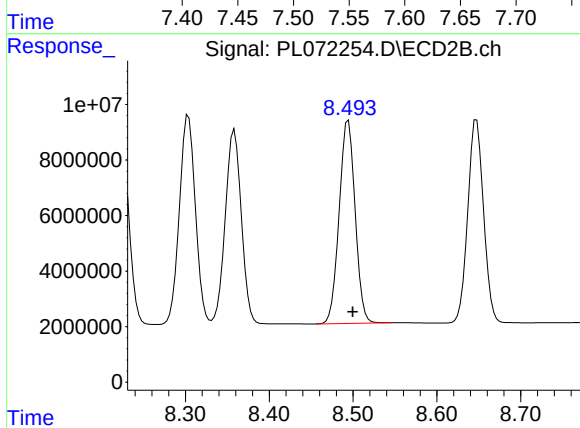
#11 alpha-Chlordane

R.T.: 8.304 min
Delta R.T.: -0.005 min
Response: 99790163
Conc: 50.33 ng/ml



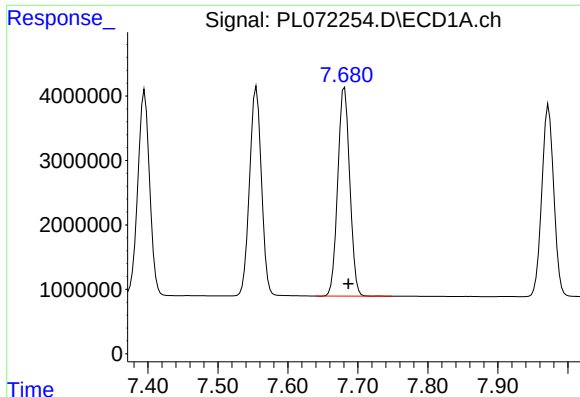
#12 4,4'-DDE

R.T.: 7.555 min
Delta R.T.: -0.005 min
Response: 38126657
Conc: 52.81 ng/ml



#12 4,4'-DDE

R.T.: 8.494 min
Delta R.T.: -0.005 min
Response: 96885431
Conc: 51.23 ng/ml



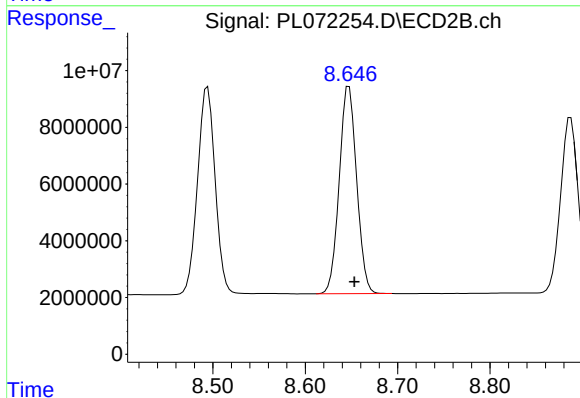
#13 Dieldrin

R.T.: 7.681 min
Delta R.T.: -0.005 min
Response: 38636363
Conc: 51.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142250BS

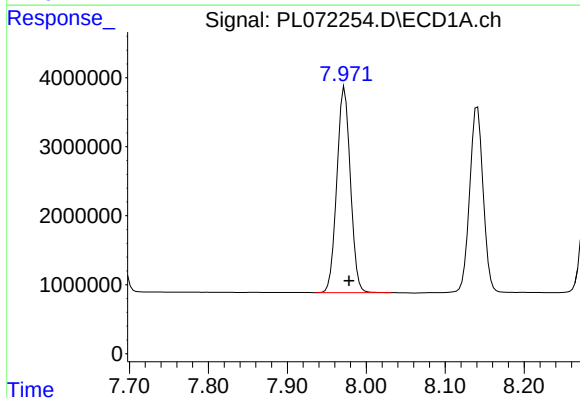
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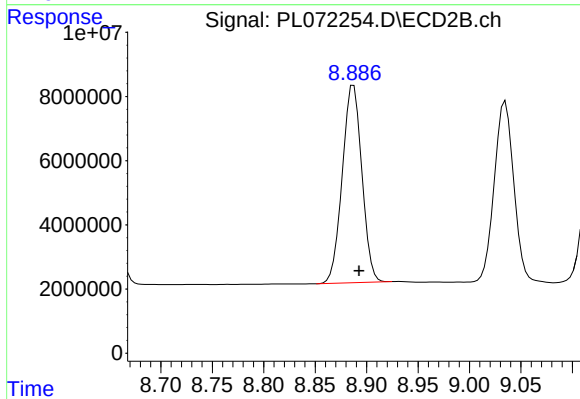
#13 Dieldrin

R.T.: 8.647 min
Delta R.T.: -0.006 min
Response: 95919027
Conc: 48.82 ng/ml



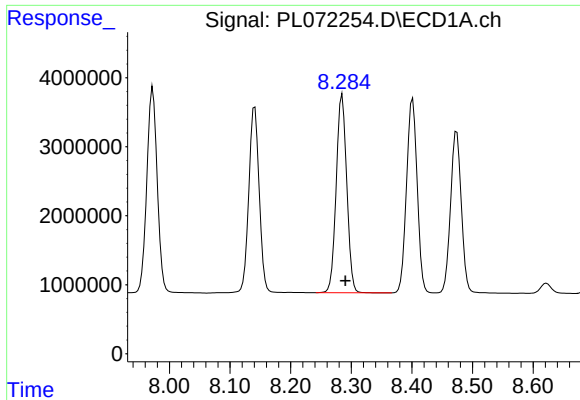
#14 Endrin

R.T.: 7.972 min
Delta R.T.: -0.006 min
Response: 35485841
Conc: 50.65 ng/ml



#14 Endrin

R.T.: 8.887 min
Delta R.T.: -0.005 min
Response: 81672643
Conc: 49.26 ng/ml



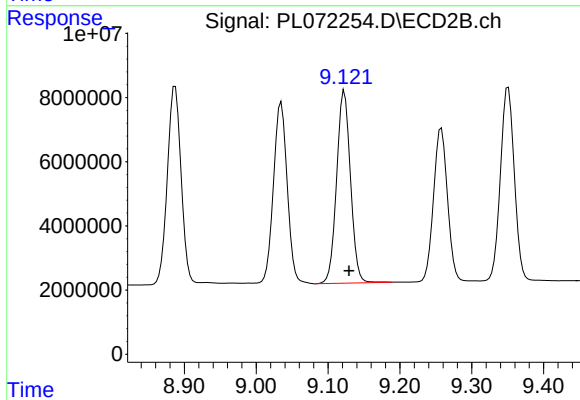
#15 Endosulfan II

R.T.: 8.285 min
Delta R.T.: -0.006 min
Response: 34650068
Conc: 46.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142250BS

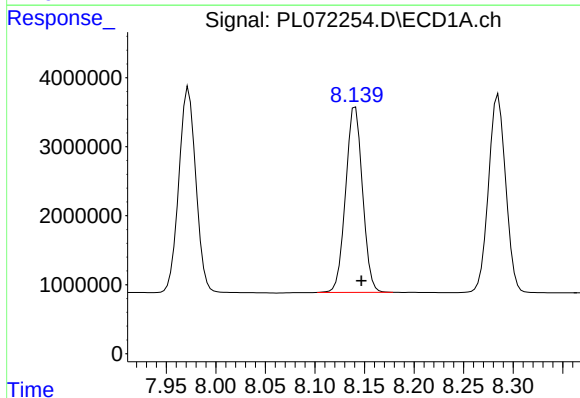
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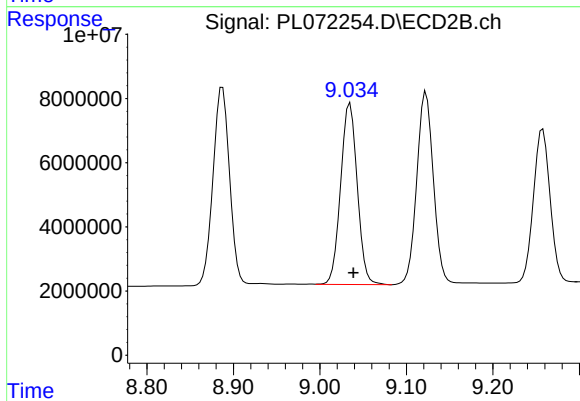
#15 Endosulfan II

R.T.: 9.123 min
Delta R.T.: -0.006 min
Response: 80386081
Conc: 46.87 ng/ml



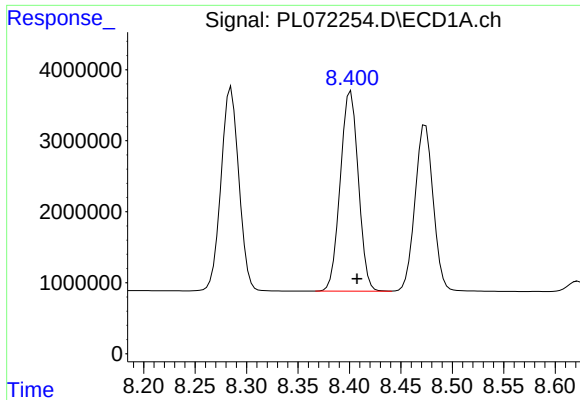
#16 4,4'-DDD

R.T.: 8.141 min
Delta R.T.: -0.006 min
Response: 31865921
Conc: 54.36 ng/ml



#16 4,4'-DDD

R.T.: 9.035 min
Delta R.T.: -0.004 min
Response: 75068378
Conc: 52.50 ng/ml



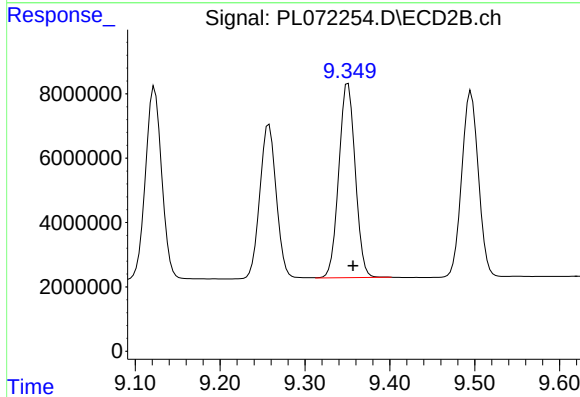
#17 4,4'-DDT

R.T.: 8.401 min
Delta R.T.: -0.006 min
Response: 34448531
Conc: 51.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142250BS

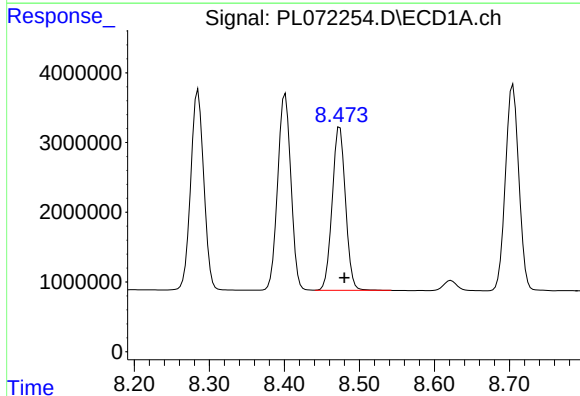
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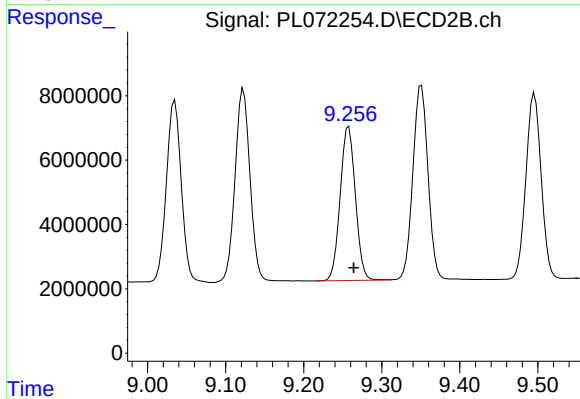
#17 4,4'-DDT

R.T.: 9.351 min
Delta R.T.: -0.006 min
Response: 81168014
Conc: 51.35 ng/ml



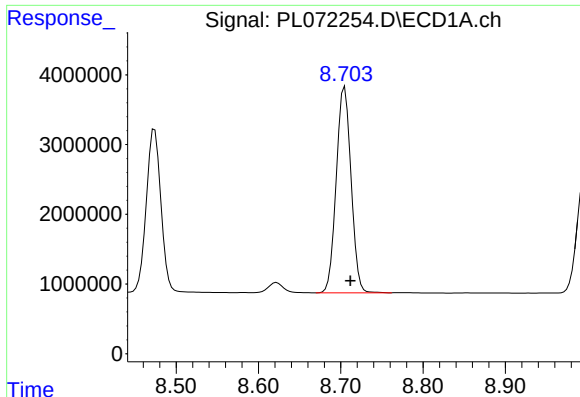
#18 Endrin aldehyde

R.T.: 8.474 min
Delta R.T.: -0.006 min
Response: 28895972
Conc: 50.72 ng/ml



#18 Endrin aldehyde

R.T.: 9.258 min
Delta R.T.: -0.007 min
Response: 64627871
Conc: 52.06 ng/ml



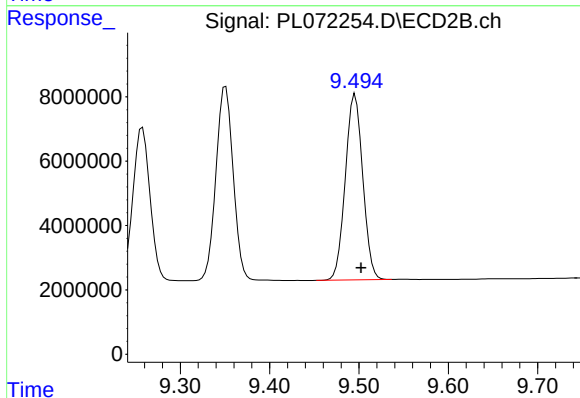
#19 Endosulfan Sulfate

R.T.: 8.705 min
Delta R.T.: -0.007 min
Response: 36884303
Conc: 50.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142250BS

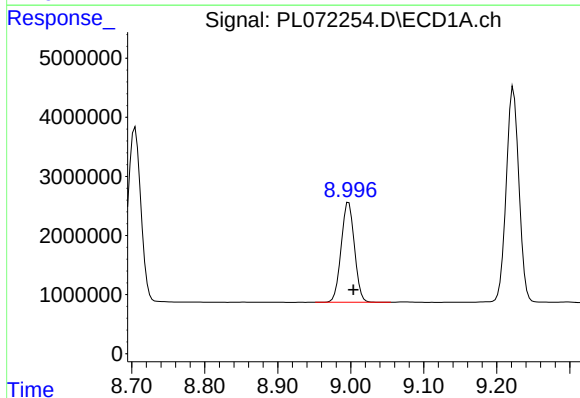
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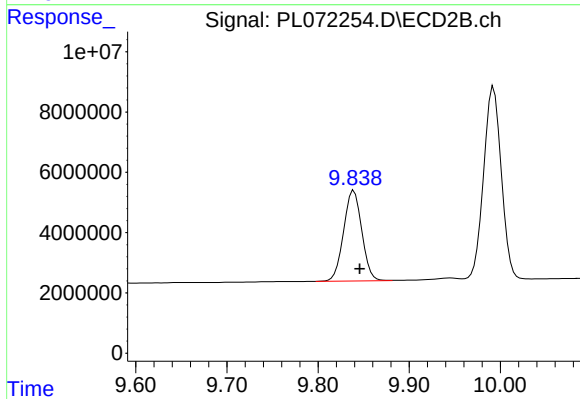
#19 Endosulfan Sulfate

R.T.: 9.496 min
Delta R.T.: -0.006 min
Response: 78341720
Conc: 50.18 ng/ml



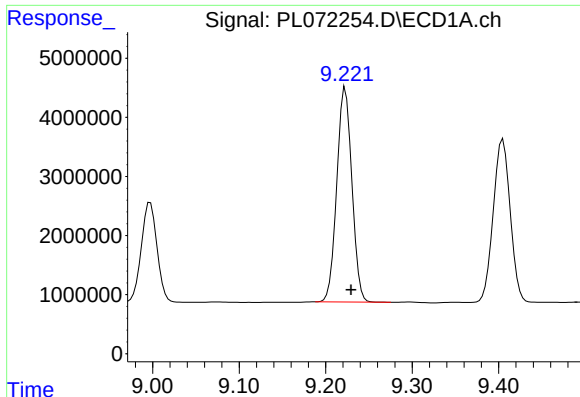
#20 Methoxychlor

R.T.: 8.997 min
Delta R.T.: -0.007 min
Response: 21329214
Conc: 50.56 ng/ml



#20 Methoxychlor

R.T.: 9.839 min
Delta R.T.: -0.006 min
Response: 41595818
Conc: 50.22 ng/ml



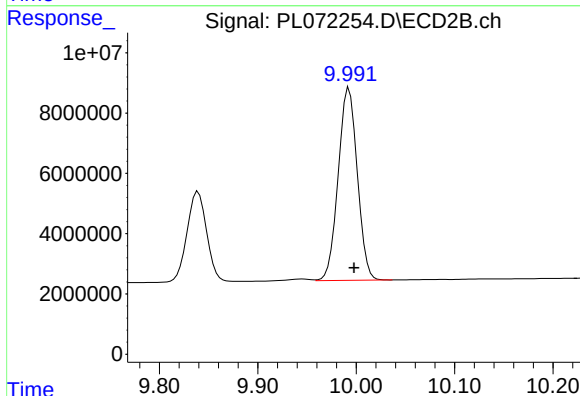
#21 Endrin ketone

R.T.: 9.223 min
Delta R.T.: -0.007 min
Response: 43780147
Conc: 52.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142250BS

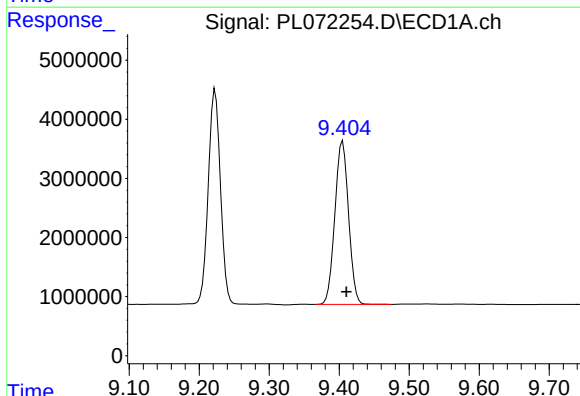
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Supervised By :Ankita Jodhani 01/26/2022



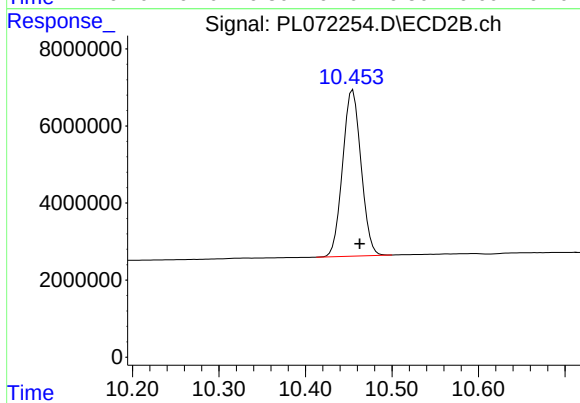
#21 Endrin ketone

R.T.: 9.993 min
Delta R.T.: -0.005 min
Response: 86358750
Conc: 52.18 ng/ml



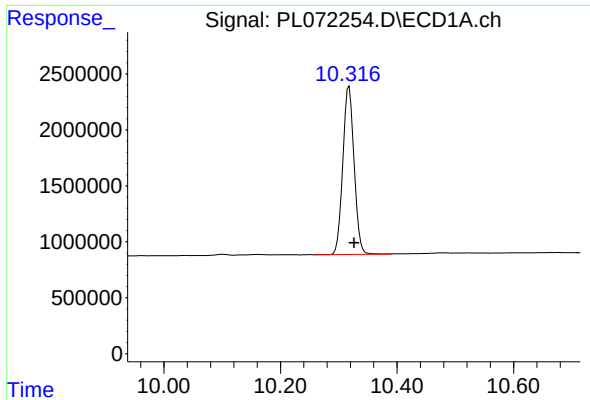
#22 Mirex

R.T.: 9.405 min
Delta R.T.: -0.005 min
Response: 37516025
Conc: 50.80 ng/ml



#22 Mirex

R.T.: 10.455 min
Delta R.T.: -0.008 min
Response: 63607954
Conc: 50.98 ng/ml



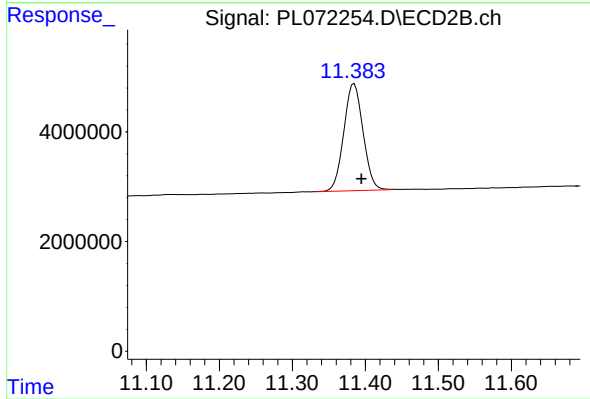
#28 Decachlorobiphenyl

R.T.: 10.318 min
Delta R.T.: -0.009 min
Response: 20253360
Conc: 22.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142250BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/26/2022
Supervised By :Ankita Jodhani 01/26/2022



#28 Decachlorobiphenyl

R.T.: 11.385 min
Delta R.T.: -0.010 min
Response: 35698313
Conc: 22.12 ng/ml