

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042222\
 Data File : PL074296.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Apr 2022 12:53
 Operator : AR\AJ
 Sample : PB143979BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB143979BSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/25/2022
 Supervised By : mohammad ahmed 04/25/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 22 23:05:18 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...	4.644	5.485	7078627	37716349	21.908	21.154
28)	SA Decachlor...	10.406	11.329	10952441	38427533	21.061m	21.756
Target Compounds							
2)	A alpha-BHC	5.350	6.049	3791538	20635267	9.035	8.195
3)	MA gamma-BHC...	5.774	6.438	3870306	21359936	9.228	9.024
4)	MA Heptachlor	6.183	7.097	4310176	24203077	9.568	9.279
5)	MB Aldrin	6.508	7.466	4125531	22959334	9.940	9.776
6)	B beta-BHC	6.153	6.675	1926939	12039164	9.431m	10.682
7)	B delta-BHC	6.415	6.943	2385192	15801870	5.766	6.470
8)	B Heptachlo...	7.084	7.923	4372519	26250264	10.194	11.659
9)	A Endosulfan I	7.486	8.323	4490675	20755082	10.950	10.543
10)	B gamma-Chl...	7.361	8.190	4766163	22608511	10.867	10.137
11)	B alpha-Chl...	7.431	8.274	4797945	22409559	10.861	10.411
12)	B 4,4'-DDE	7.644	8.458	3661176	22822046	10.036	11.459
13)	MA Dieldrin	7.772	8.608	5317236	20950117	12.378	10.447
14)	MA Endrin	8.063	8.841	4342524	18147828	10.690	10.715m
15)	B Endosulfa...	8.373	9.065	4294712	17277954	10.420	9.946m
16)	A 4,4'-DDD	8.227	8.985	3071115	15709778	9.510m	10.210m
17)	MA 4,4'-DDT	8.489	9.303	3542395	16861702	9.583	9.512m
18)	B Endrin al...	8.562	9.198	3262274	13860747	10.083	10.731m
19)	B Endosulfa...	8.791	9.437	4792461	15801265	11.223m	9.494
20)	A Methoxychlor	9.083	9.785	2617995	10213246	10.545m	10.618
21)	B Endrin ke...	9.311	9.926	4889349	18036854	10.008	10.420
22)	Mirex	9.499	10.402	16107417	48254608	34.535	35.033

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

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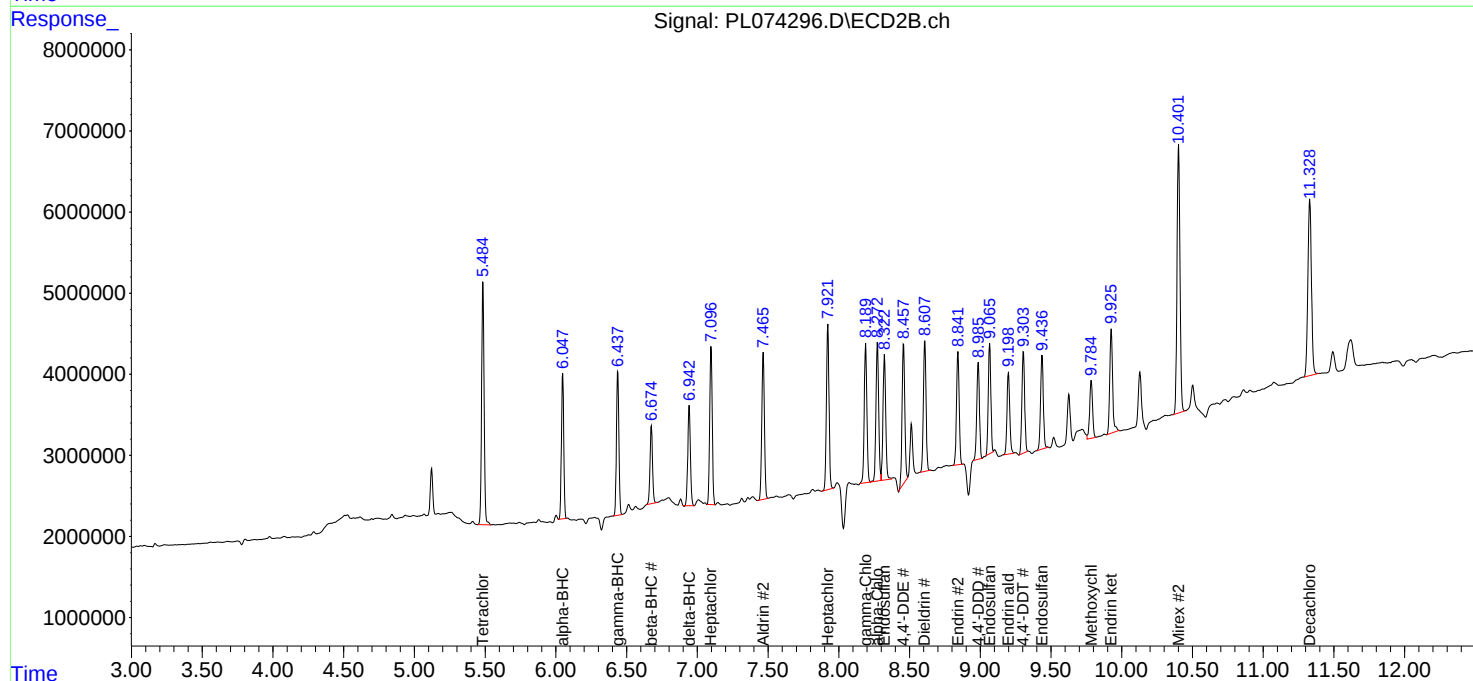
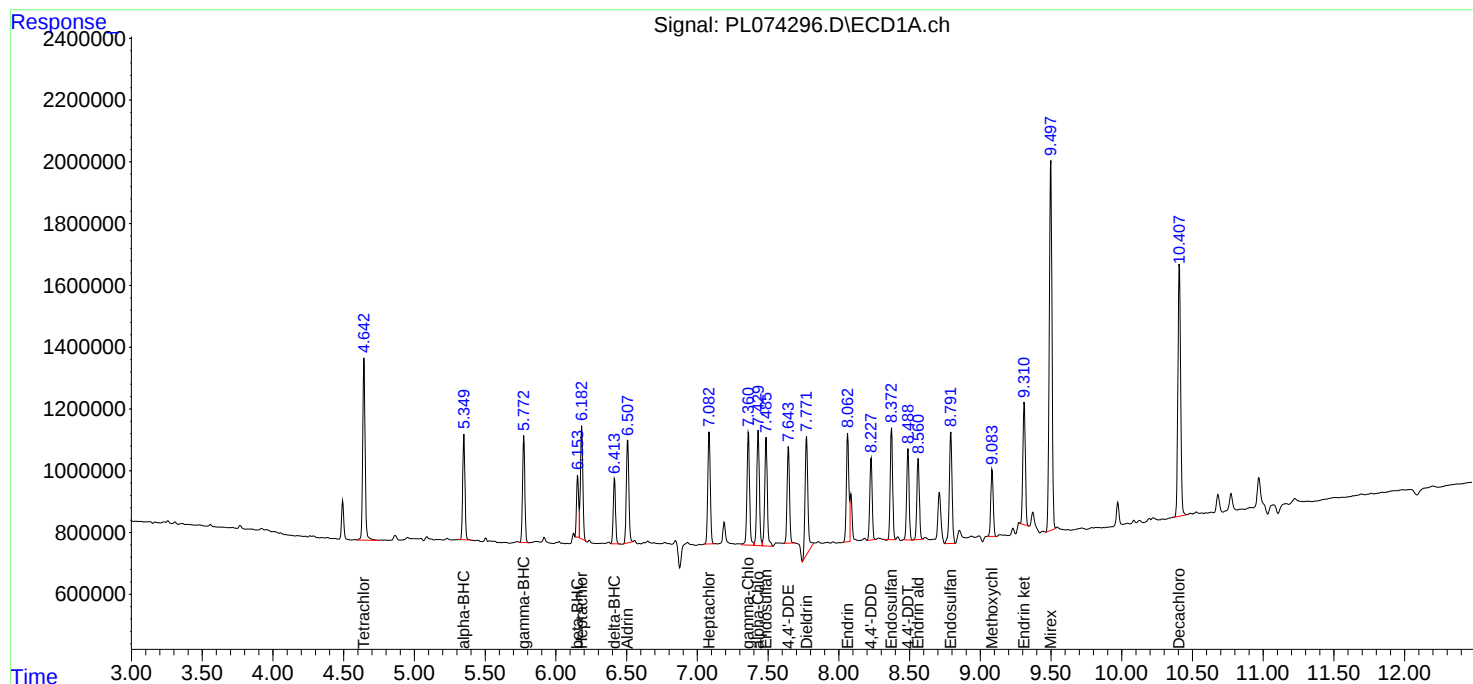
Instrument :
 ECD_L
 ClientSampleId :
 PB143979BSD

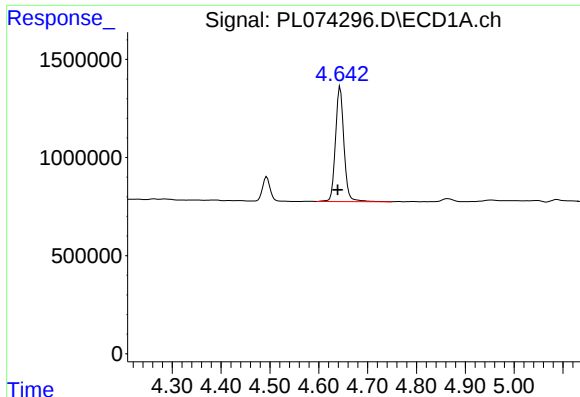
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 04/25/2022
 Supervised By :mohammad ahmed 04/25/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 22 23:05:18 2022
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





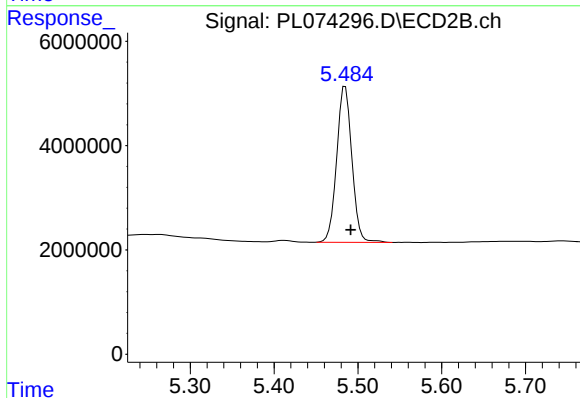
#1 Tetrachloro-m-xylene

R.T.: 4.644 min
Delta R.T.: 0.005 min
Response: 7078627
Conc: 21.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143979BSD

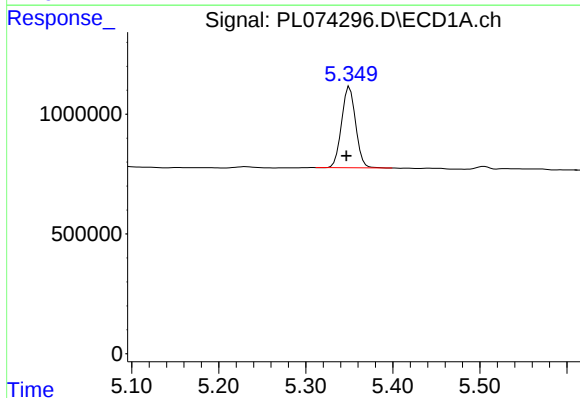
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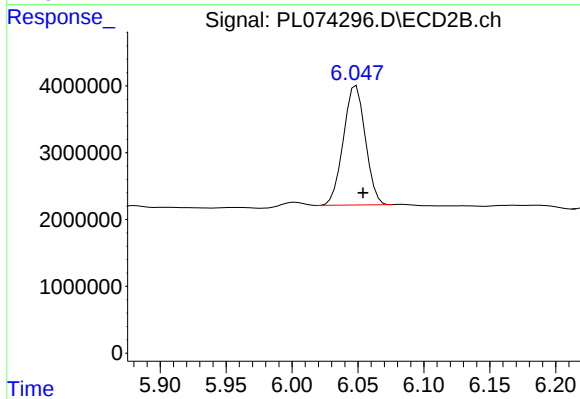
#1 Tetrachloro-m-xylene

R.T.: 5.485 min
Delta R.T.: -0.006 min
Response: 37716349
Conc: 21.15 ng/ml



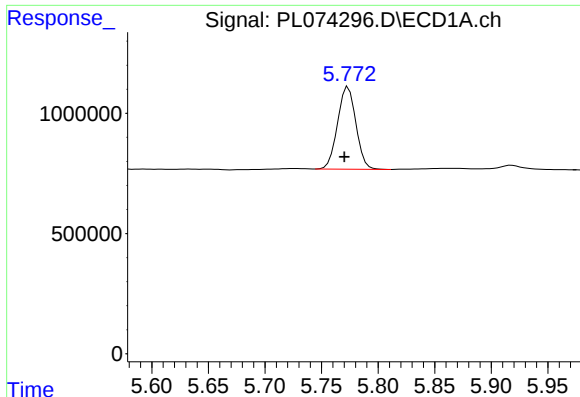
#2 alpha-BHC

R.T.: 5.350 min
Delta R.T.: 0.004 min
Response: 3791538
Conc: 9.03 ng/ml



#2 alpha-BHC

R.T.: 6.049 min
Delta R.T.: -0.005 min
Response: 20635267
Conc: 8.19 ng/ml



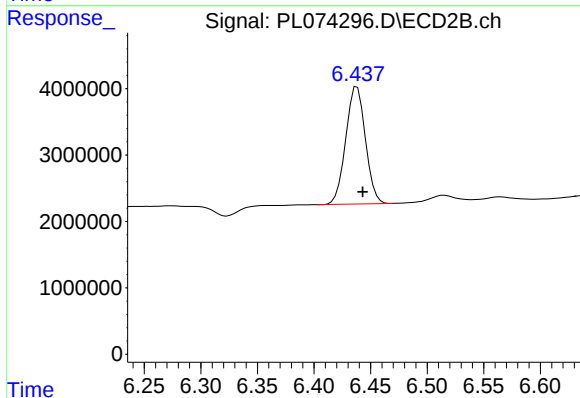
#3 gamma-BHC (Lindane)

R.T.: 5.774 min
Delta R.T.: 0.003 min
Response: 3870306
Conc: 9.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143979BSD

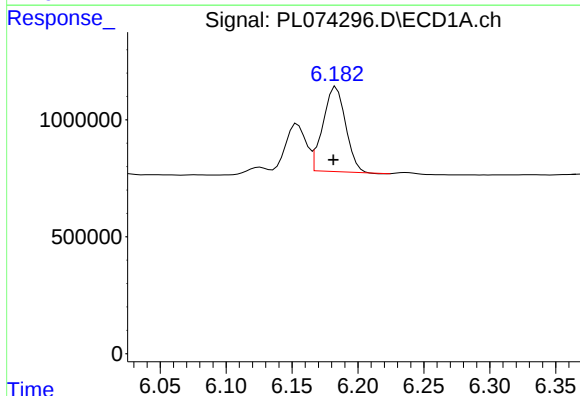
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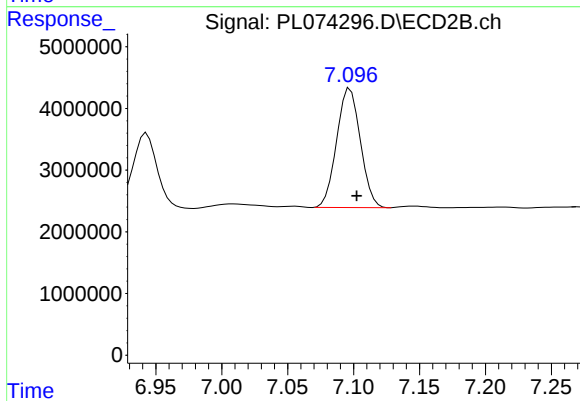
#3 gamma-BHC (Lindane)

R.T.: 6.438 min
Delta R.T.: -0.005 min
Response: 21359936
Conc: 9.02 ng/ml



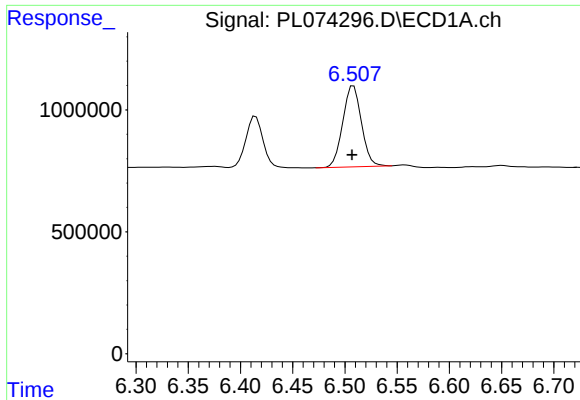
#4 Heptachlor

R.T.: 6.183 min
Delta R.T.: 0.002 min
Response: 4310176
Conc: 9.57 ng/ml



#4 Heptachlor

R.T.: 7.097 min
Delta R.T.: -0.005 min
Response: 24203077
Conc: 9.28 ng/ml



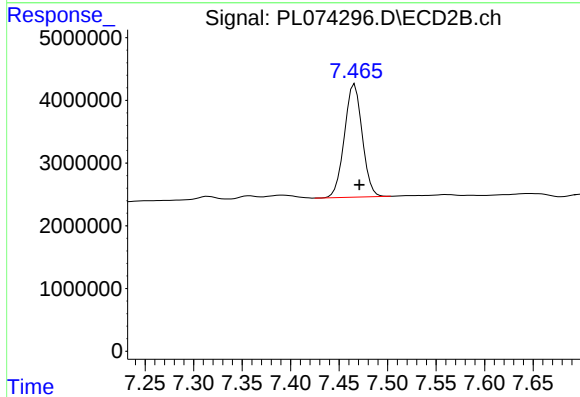
#5 Aldrin

R.T.: 6.508 min
Delta R.T.: 0.002 min
Response: 4125531
Conc: 9.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143979BSD

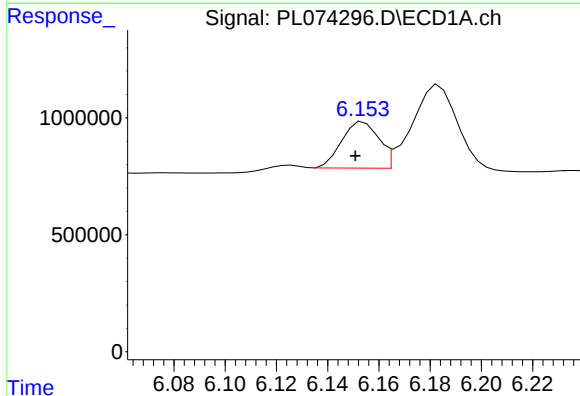
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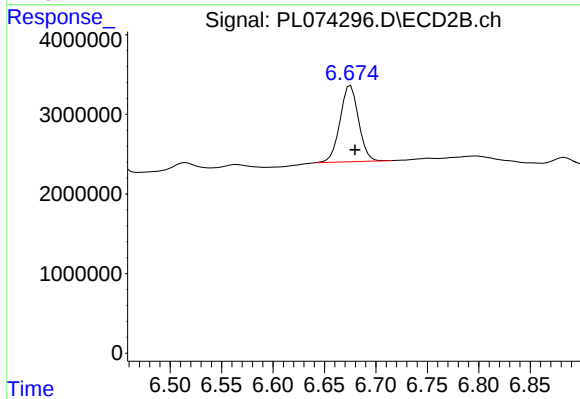
#5 Aldrin

R.T.: 7.466 min
Delta R.T.: -0.005 min
Response: 22959334
Conc: 9.78 ng/ml



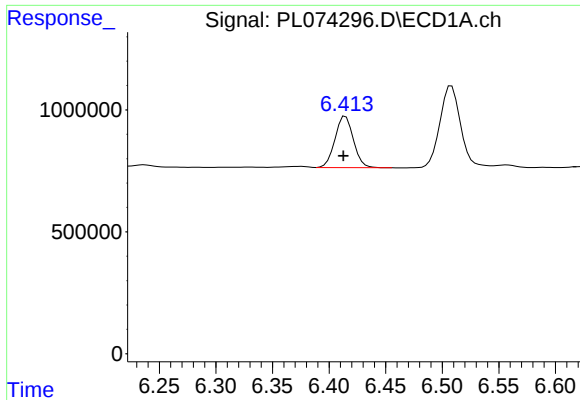
#6 beta-BHC

R.T.: 6.153 min
Delta R.T.: 0.002 min
Response: 1926939
Conc: 9.43 ng/ml m



#6 beta-BHC

R.T.: 6.675 min
Delta R.T.: -0.004 min
Response: 12039164
Conc: 10.68 ng/ml



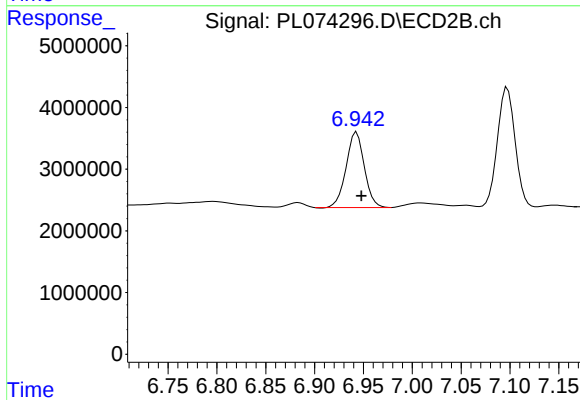
#7 delta-BHC

R.T.: 6.415 min
Delta R.T.: 0.002 min
Response: 2385192
Conc: 5.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143979BSD

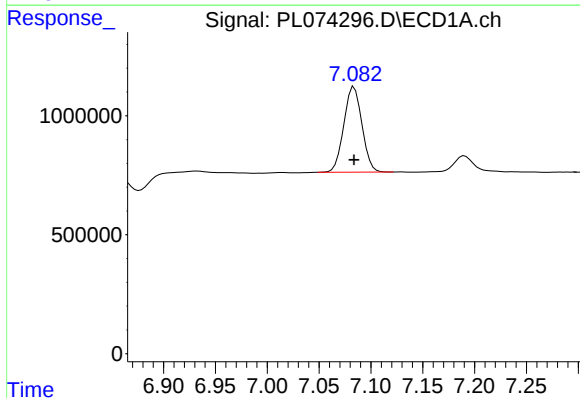
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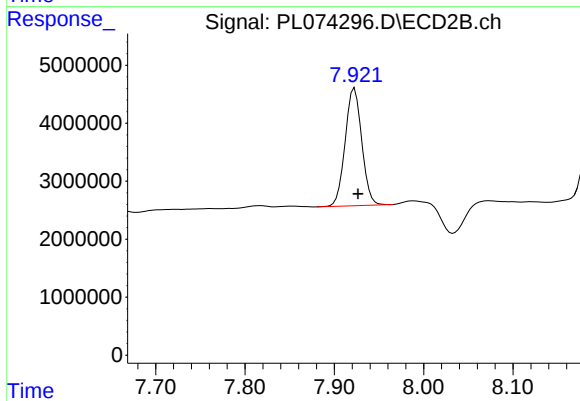
#7 delta-BHC

R.T.: 6.943 min
Delta R.T.: -0.005 min
Response: 15801870
Conc: 6.47 ng/ml



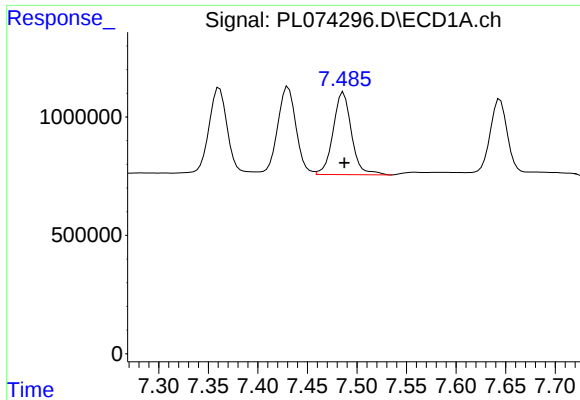
#8 Heptachlor epoxide

R.T.: 7.084 min
Delta R.T.: 0.000 min
Response: 4372519
Conc: 10.19 ng/ml



#8 Heptachlor epoxide

R.T.: 7.923 min
Delta R.T.: -0.004 min
Response: 26250264
Conc: 11.66 ng/ml



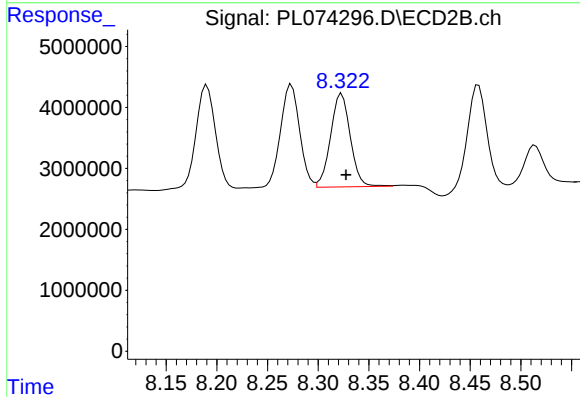
#9 Endosulfan I

R.T.: 7.486 min
Delta R.T.: 0.000 min
Response: 4490675
Conc: 10.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143979BSD

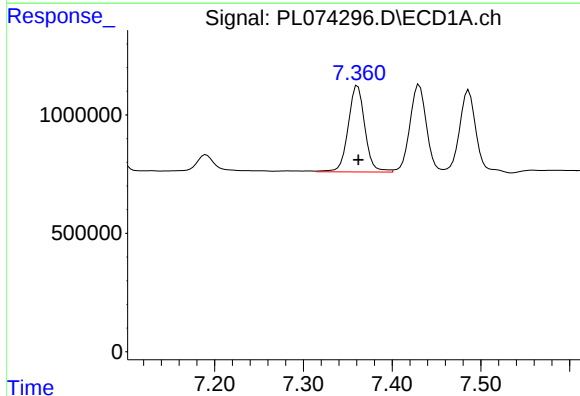
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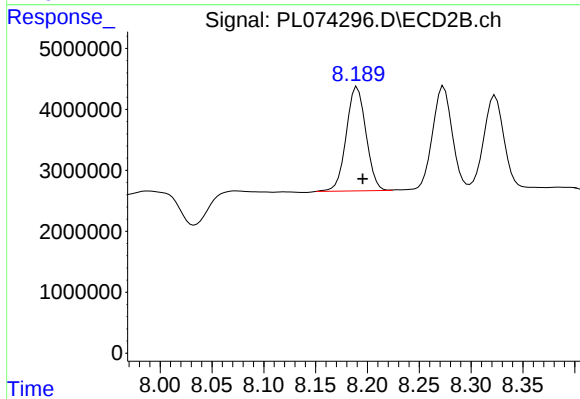
#9 Endosulfan I

R.T.: 8.323 min
Delta R.T.: -0.004 min
Response: 20755082
Conc: 10.54 ng/ml



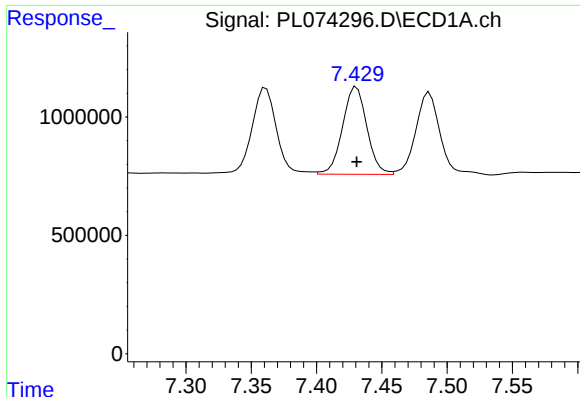
#10 gamma-Chlordane

R.T.: 7.361 min
Delta R.T.: 0.000 min
Response: 4766163
Conc: 10.87 ng/ml



#10 gamma-Chlordane

R.T.: 8.190 min
Delta R.T.: -0.005 min
Response: 22608511
Conc: 10.14 ng/ml



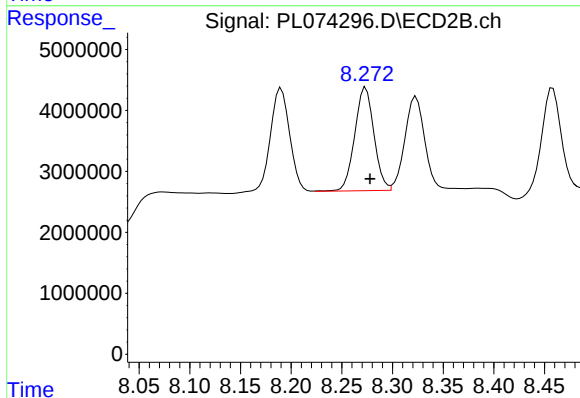
#11 alpha-Chlordane

R.T.: 7.431 min
Delta R.T.: 0.000 min
Response: 4797945
Conc: 10.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143979BSD

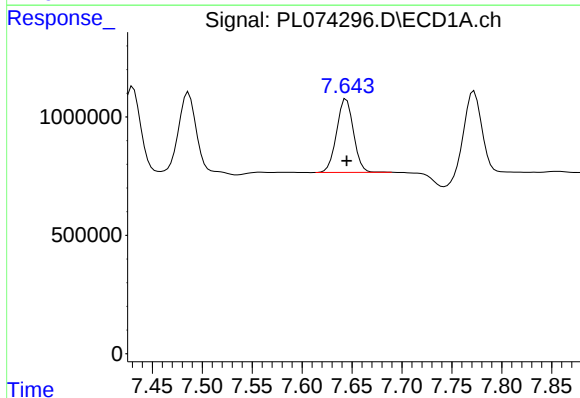
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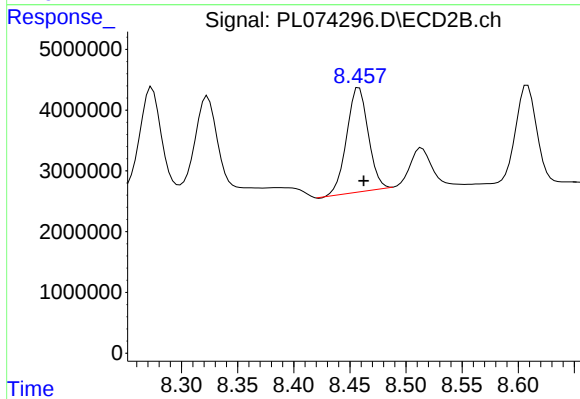
#11 alpha-Chlordane

R.T.: 8.274 min
Delta R.T.: -0.004 min
Response: 22409559
Conc: 10.41 ng/ml



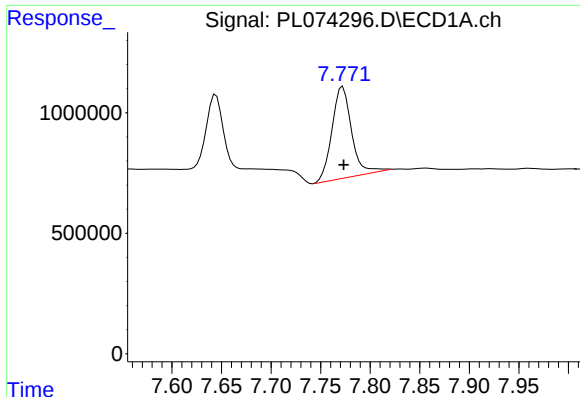
#12 4,4'-DDE

R.T.: 7.644 min
Delta R.T.: 0.000 min
Response: 3661176
Conc: 10.04 ng/ml



#12 4,4'-DDE

R.T.: 8.458 min
Delta R.T.: -0.004 min
Response: 22822046
Conc: 11.46 ng/ml



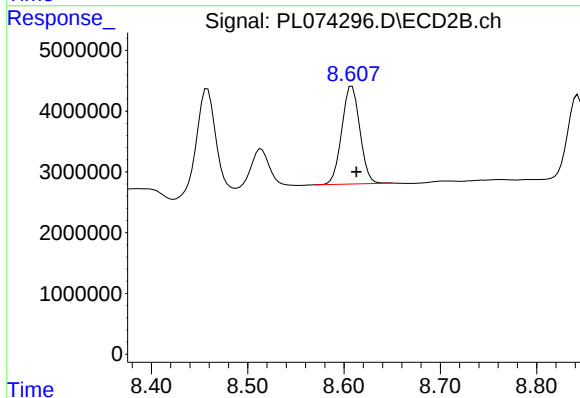
#13 Dieldrin

R.T.: 7.772 min
Delta R.T.: -0.001 min
Response: 5317236
Conc: 12.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143979BSD

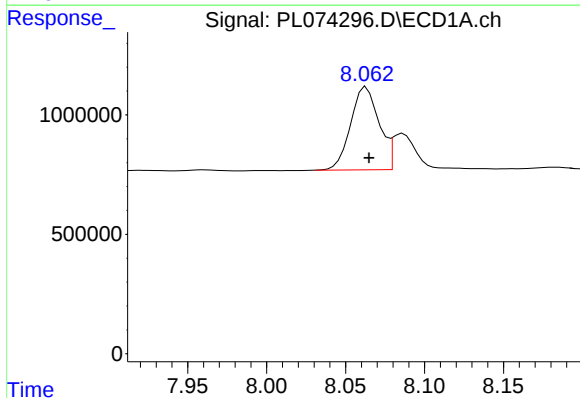
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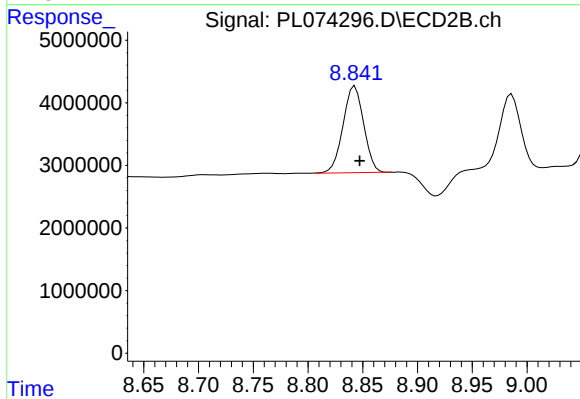
#13 Dieldrin

R.T.: 8.608 min
Delta R.T.: -0.004 min
Response: 20950117
Conc: 10.45 ng/ml



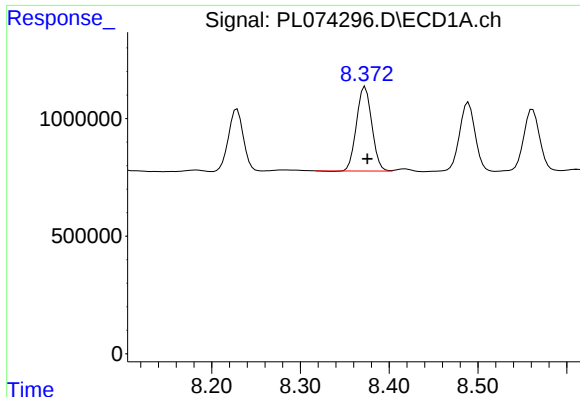
#14 Endrin

R.T.: 8.063 min
Delta R.T.: -0.002 min
Response: 4342524
Conc: 10.69 ng/ml



#14 Endrin

R.T.: 8.841 min
Delta R.T.: -0.006 min
Response: 18147828
Conc: 10.72 ng/ml m



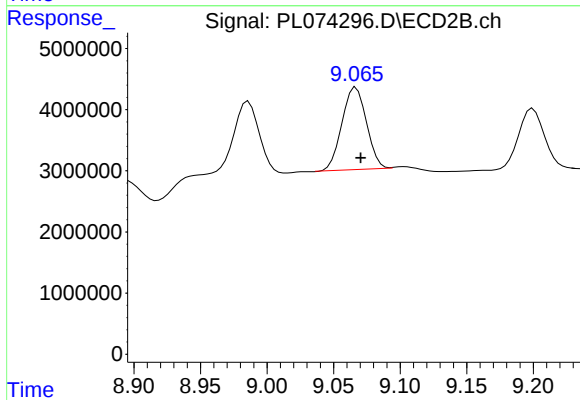
#15 Endosulfan II

R.T.: 8.373 min
Delta R.T.: -0.002 min
Response: 4294712
Conc: 10.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143979BSD

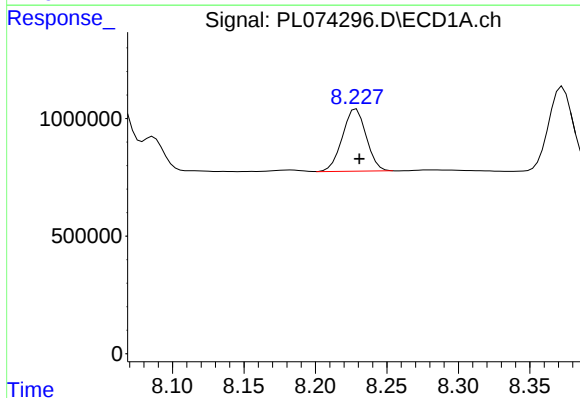
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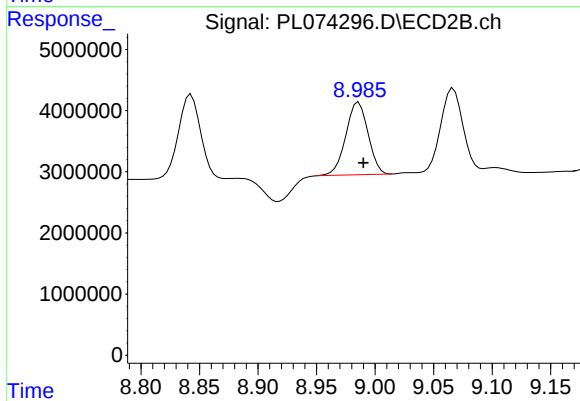
#15 Endosulfan II

R.T.: 9.065 min
Delta R.T.: -0.005 min
Response: 17277954
Conc: 9.95 ng/ml m



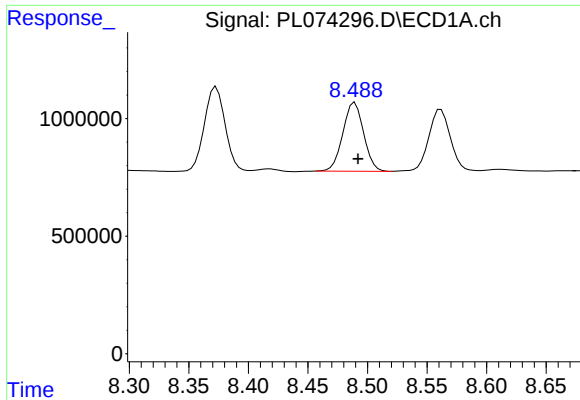
#16 4,4'-DDD

R.T.: 8.227 min
Delta R.T.: -0.003 min
Response: 3071115
Conc: 9.51 ng/ml m



#16 4,4'-DDD

R.T.: 8.985 min
Delta R.T.: -0.005 min
Response: 15709778
Conc: 10.21 ng/ml m



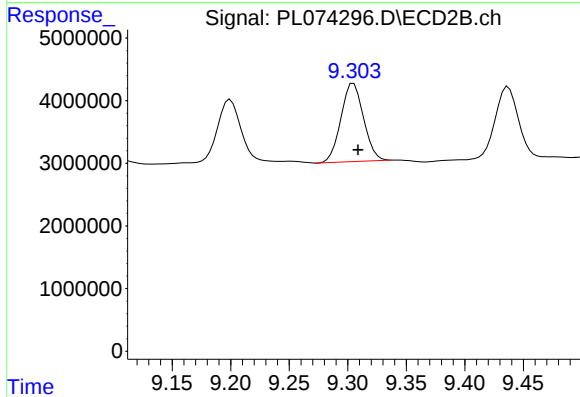
#17 4,4'-DDT

R.T.: 8.489 min
Delta R.T.: -0.003 min
Response: 3542395
Conc: 9.58 ng/ml

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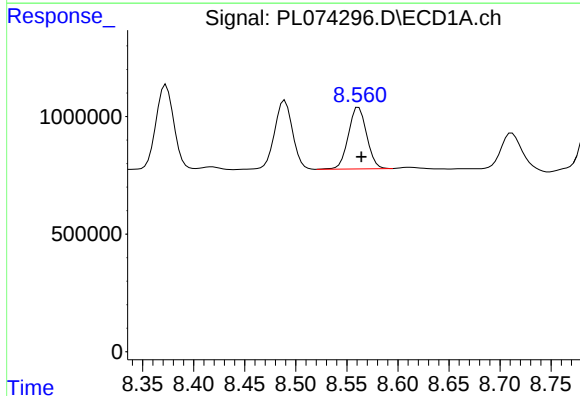
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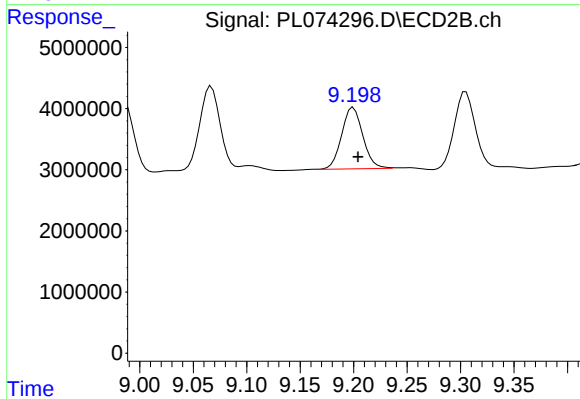
#17 4,4'-DDT

R.T.: 9.303 min
Delta R.T.: -0.005 min
Response: 16861702
Conc: 9.51 ng/ml m



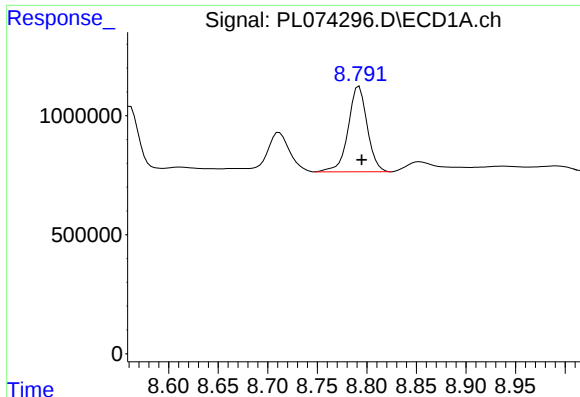
#18 Endrin aldehyde

R.T.: 8.562 min
Delta R.T.: -0.003 min
Response: 3262274
Conc: 10.08 ng/ml



#18 Endrin aldehyde

R.T.: 9.198 min
Delta R.T.: -0.006 min
Response: 13860747
Conc: 10.73 ng/ml m



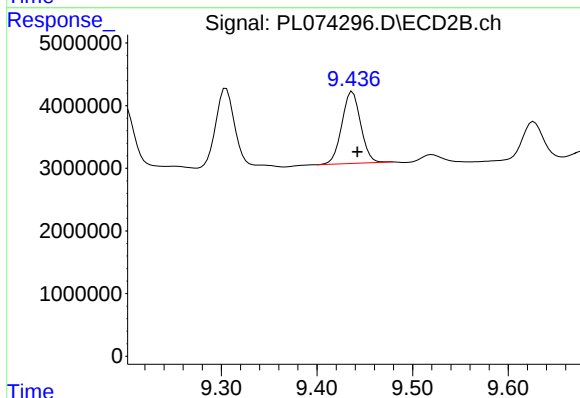
#19 Endosulfan Sulfate

R.T.: 8.791 min
Delta R.T.: -0.004 min
Response: 4792461
Conc: 11.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143979BSD

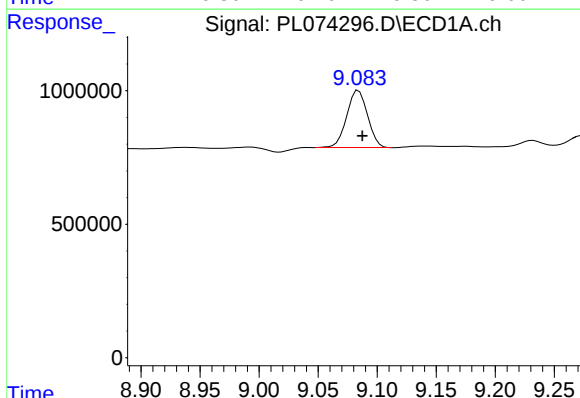
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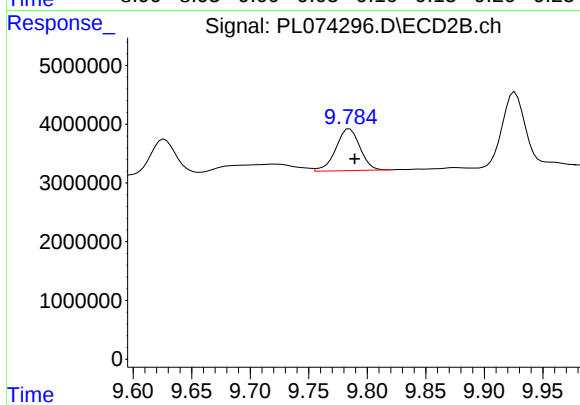
#19 Endosulfan Sulfate

R.T.: 9.437 min
Delta R.T.: -0.005 min
Response: 15801265
Conc: 9.49 ng/ml



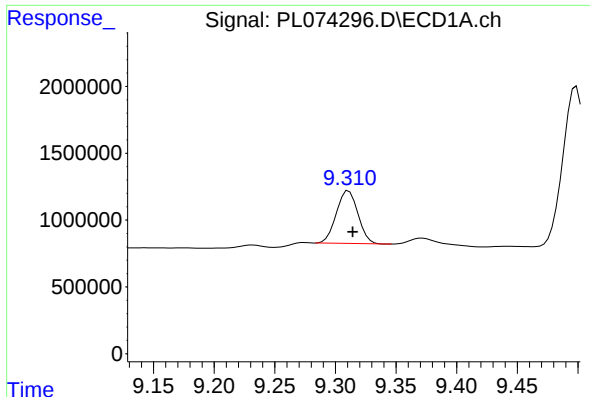
#20 Methoxychlor

R.T.: 9.083 min
Delta R.T.: -0.005 min
Response: 2617995
Conc: 10.55 ng/ml m



#20 Methoxychlor

R.T.: 9.785 min
Delta R.T.: -0.004 min
Response: 10213246
Conc: 10.62 ng/ml



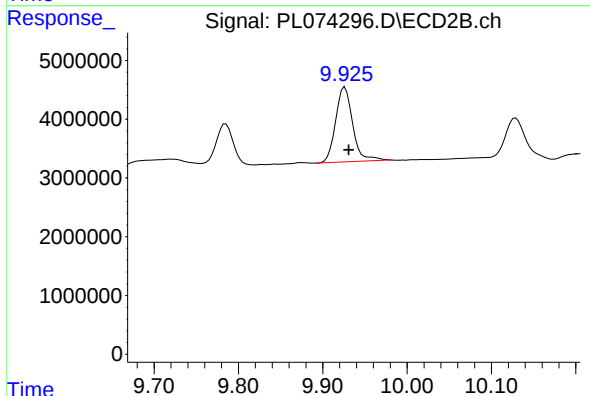
#21 Endrin ketone

R.T.: 9.311 min
Delta R.T.: -0.003 min
Response: 4889349
Conc: 10.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143979BSD

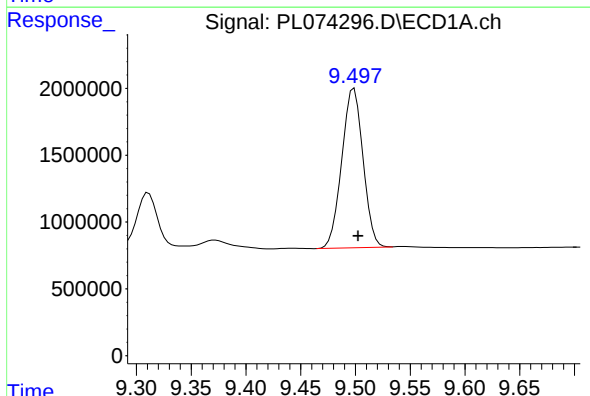
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Reviewed By :Abdul Mirza 04/25/2022
Supervised By :mohammad ahmed 04/25/2022



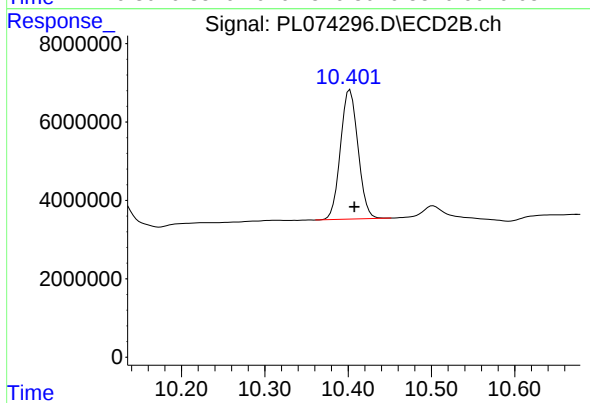
#21 Endrin ketone

R.T.: 9.926 min
Delta R.T.: -0.005 min
Response: 18036854
Conc: 10.42 ng/ml



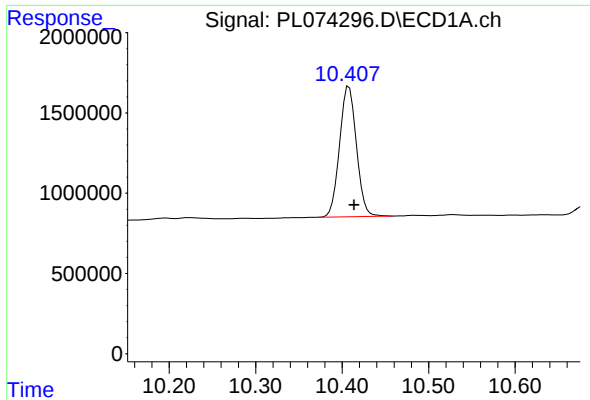
#22 Mirex

R.T.: 9.499 min
Delta R.T.: -0.004 min
Response: 16107417
Conc: 34.54 ng/ml



#22 Mirex

R.T.: 10.402 min
Delta R.T.: -0.005 min
Response: 48254608
Conc: 35.03 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.406 min
Delta R.T.: -0.007 min
Response: 10952441
Conc: 21.06 ng/ml

Instrument :

ECD_L

ClientSampleId :

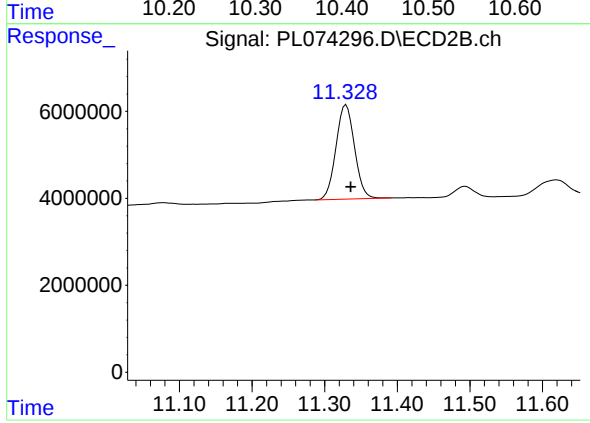
PB143979BSD

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 04/25/2022

Supervised By :mohammad ahmed 04/25/2022



#28 Decachlorobiphenyl

R.T.: 11.329 min
Delta R.T.: -0.007 min
Response: 38427533
Conc: 21.76 ng/ml