

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041222\
 Data File : PL073969.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Apr 2022 10:20
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/13/2022
 Supervised By :mohammad ahmed 04/13/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 12 16:34:56 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	16507064	91542430	51.088	51.343
28)	SA Decachlor...	10.411	11.332	24326330	85054457	46.779	48.154
Target Compounds							
2)	A alpha-BHC	5.346	6.053	20980765	131.6E6	49.994	52.278
3)	MA gamma-BHC...	5.769	6.442	20818871	122.3E6	49.640	51.681
4)	MA Heptachlor	6.180	7.101	21114484	125.5E6	46.873	48.097
5)	MB Aldrin	6.506	7.469	20452043	121.0E6	49.276	51.519
6)	B beta-BHC	6.150	6.679	10306866	55750704	50.443	49.467
7)	B delta-BHC	6.411	6.946	20590878	123.0E6	49.776	50.346
8)	B Heptachlo...	7.082	7.926	20925538	116.7E6	48.785	51.826
9)	A Endosulfan I	7.485	8.326	20133167	102.8E6	49.091	52.202
10)	B gamma-Chl...	7.360	8.194	21385774	128.7E6	48.760	57.687
11)	B alpha-Chl...	7.430	8.276	21549085	115.6E6	48.779	53.703
12)	B 4,4'-DDE	7.644	8.461	18119522	99573546	49.667	49.994
13)	MA Dieldrin	7.771	8.611	21276246	98971204	49.529	49.355
14)	MA Endrin	8.063	8.844	19626616	79147918	48.314	46.732m
15)	B Endosulfa...	8.374	9.070	18926733	83232683	45.921	47.911
16)	A 4,4'-DDD	8.229	8.987	16879907	80090167	52.272	52.054m
17)	MA 4,4'-DDT	8.491	9.307	16217359	73983124	43.873	41.735
18)	B Endrin al...	8.562	9.202	14785183	59210305	45.696	45.842
19)	B Endosulfa...	8.793	9.440	20639403	78840662	48.333	47.371
20)	A Methoxychlor	9.086	9.787	10685831	42671499	43.041	44.364
21)	B Endrin ke...	9.313	9.928	24404219	83819013	49.952	48.424
22)	Mirex	9.499	10.405	22316702	65340501	47.849	47.437

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041222\
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 Acq On : 12 Apr 2022 10:20
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

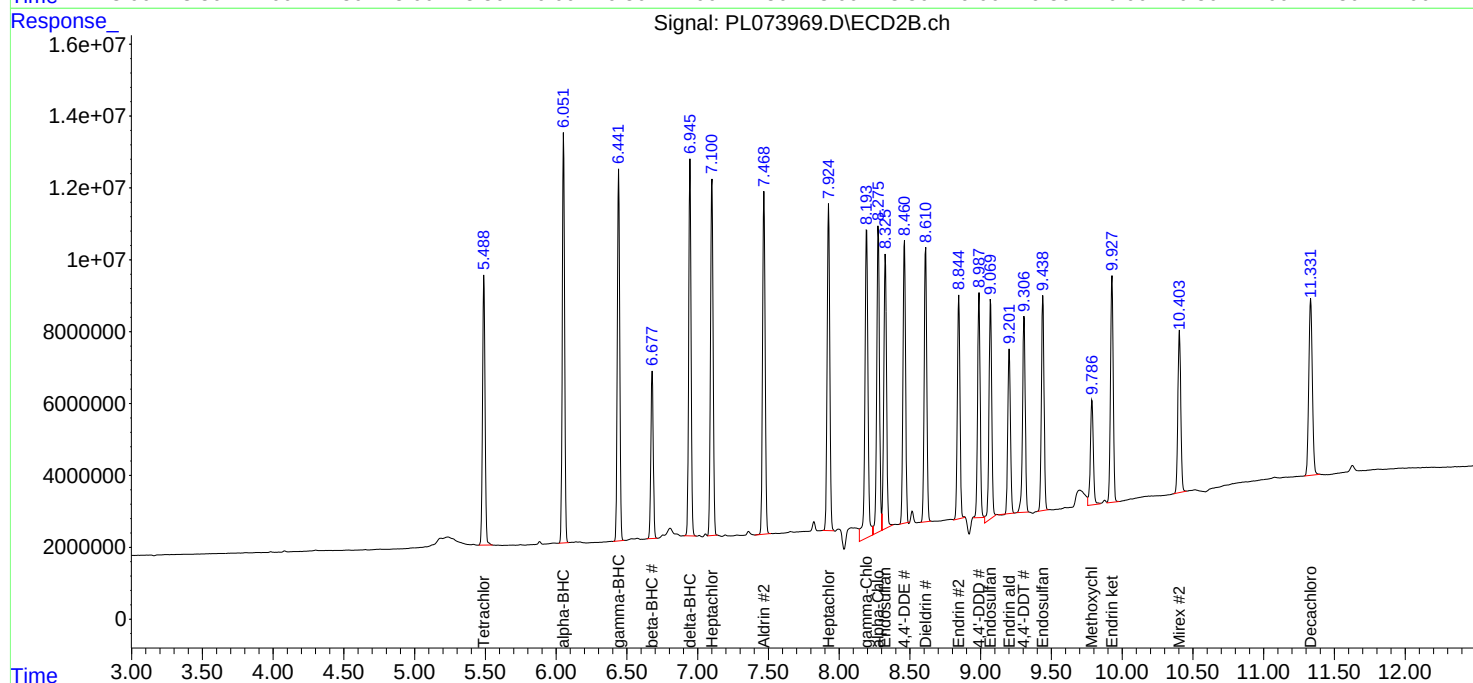
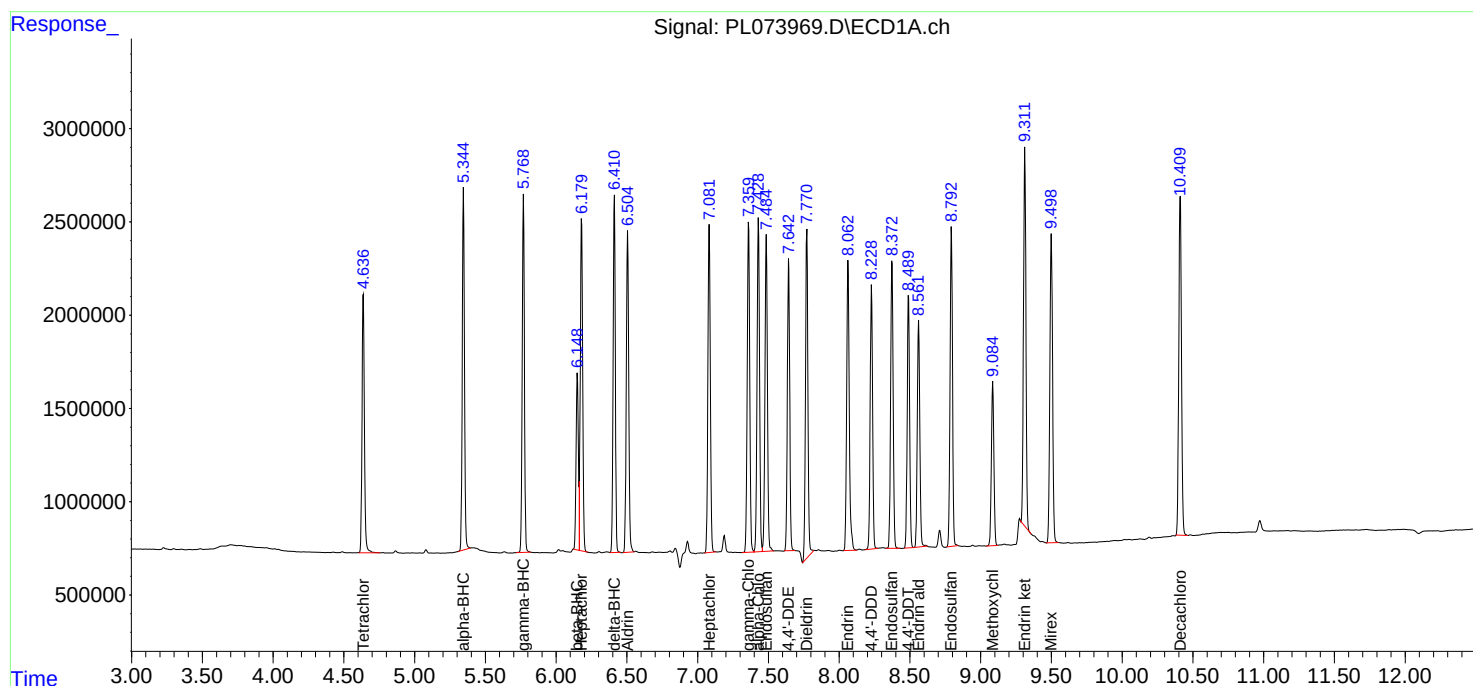
APPROVED

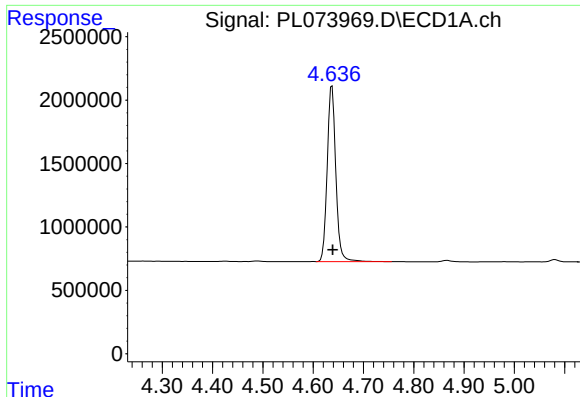
Reviewed By :Abdul Mirza 04/13/2022

Supervised By :mohammad ahmed 04/13/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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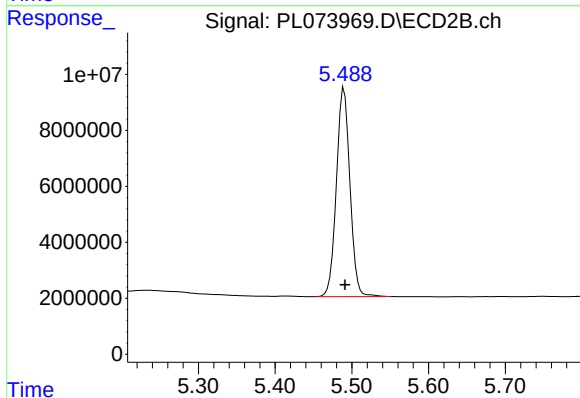
#1 Tetrachloro-m-xylene

R.T.: 4.638 min
Delta R.T.: -0.002 min
Response: 16507064
Conc: 51.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

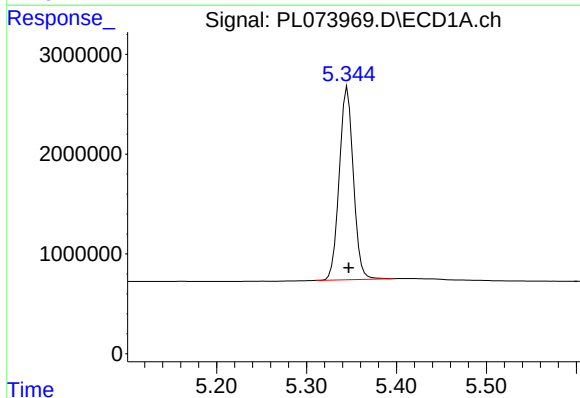
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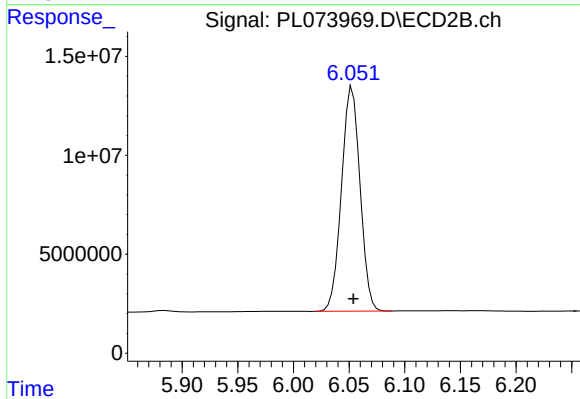
#1 Tetrachloro-m-xylene

R.T.: 5.490 min
Delta R.T.: -0.002 min
Response: 91542430
Conc: 51.34 ng/ml



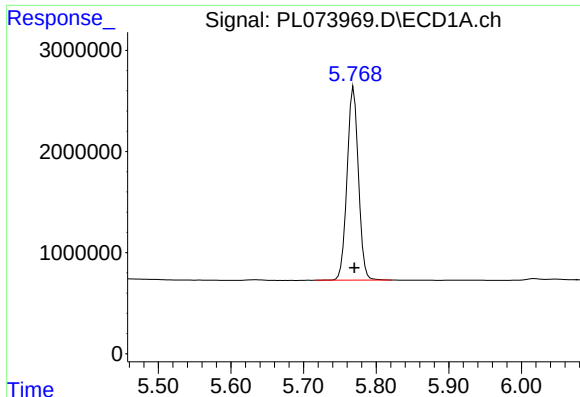
#2 alpha-BHC

R.T.: 5.346 min
Delta R.T.: -0.001 min
Response: 20980765
Conc: 49.99 ng/ml



#2 alpha-BHC

R.T.: 6.053 min
Delta R.T.: 0.000 min
Response: 131641741
Conc: 52.28 ng/ml



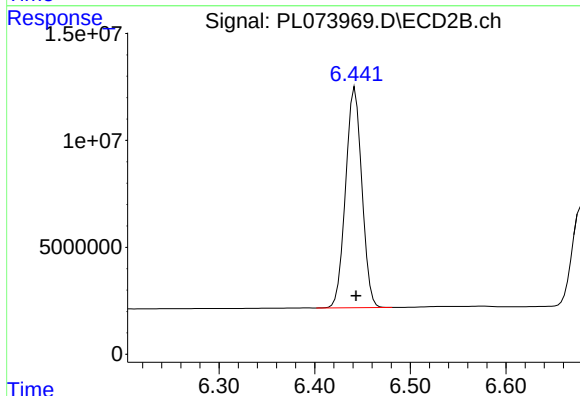
#3 gamma-BHC (Lindane)

R.T.: 5.769 min
Delta R.T.: -0.001 min
Response: 20818871
Conc: 49.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

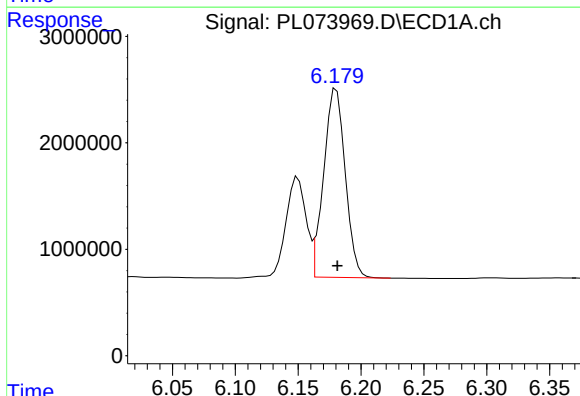
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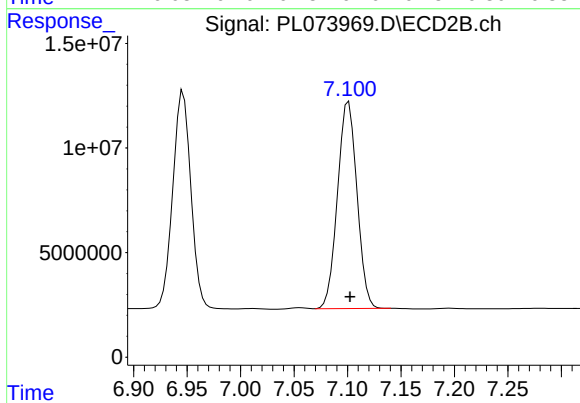
#3 gamma-BHC (Lindane)

R.T.: 6.442 min
Delta R.T.: 0.000 min
Response: 122335695
Conc: 51.68 ng/ml



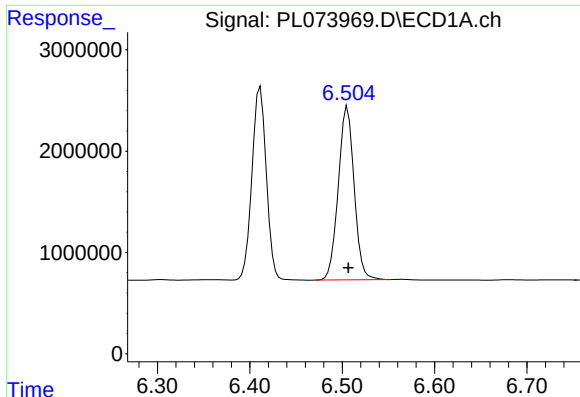
#4 Heptachlor

R.T.: 6.180 min
Delta R.T.: -0.001 min
Response: 21114484
Conc: 46.87 ng/ml



#4 Heptachlor

R.T.: 7.101 min
Delta R.T.: -0.001 min
Response: 125457726
Conc: 48.10 ng/ml



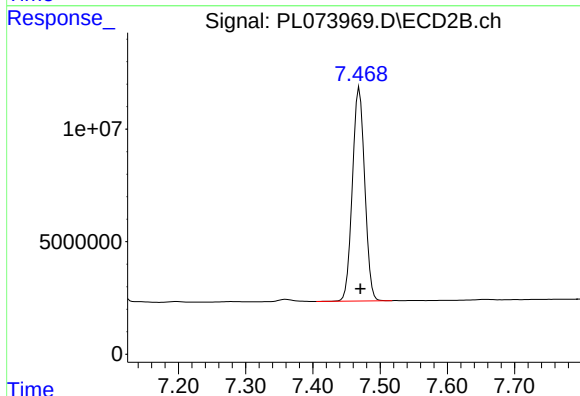
#5 Aldrin

R.T.: 6.506 min
Delta R.T.: -0.001 min
Response: 20452043
Conc: 49.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

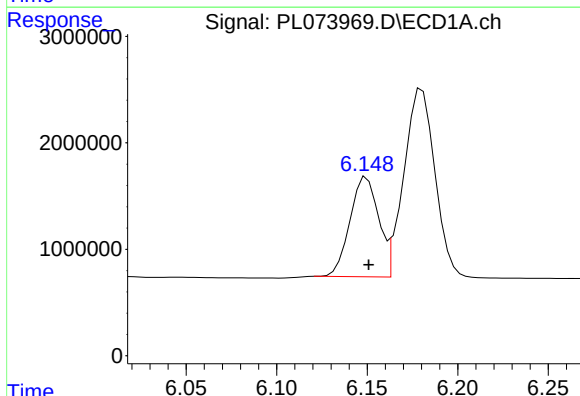
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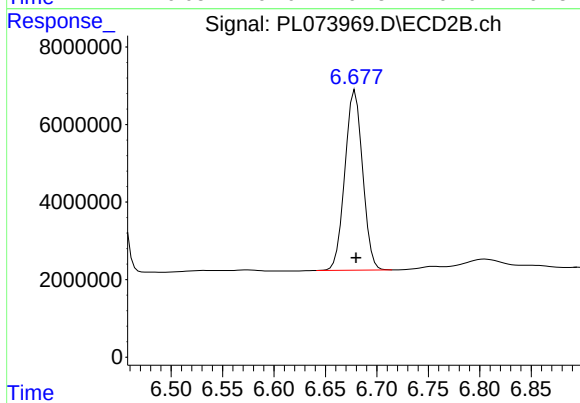
#5 Aldrin

R.T.: 7.469 min
Delta R.T.: -0.002 min
Response: 120997938
Conc: 51.52 ng/ml



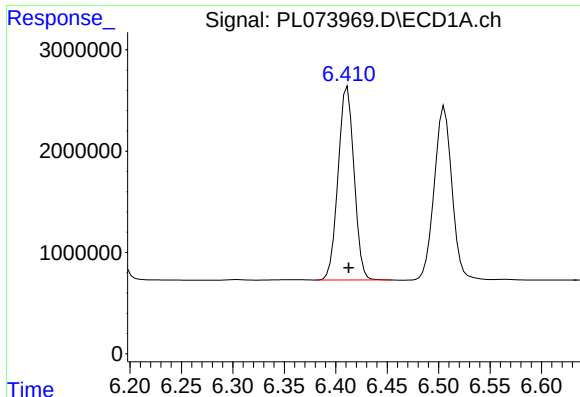
#6 beta-BHC

R.T.: 6.150 min
Delta R.T.: -0.001 min
Response: 10306866
Conc: 50.44 ng/ml



#6 beta-BHC

R.T.: 6.679 min
Delta R.T.: 0.000 min
Response: 55750704
Conc: 49.47 ng/ml



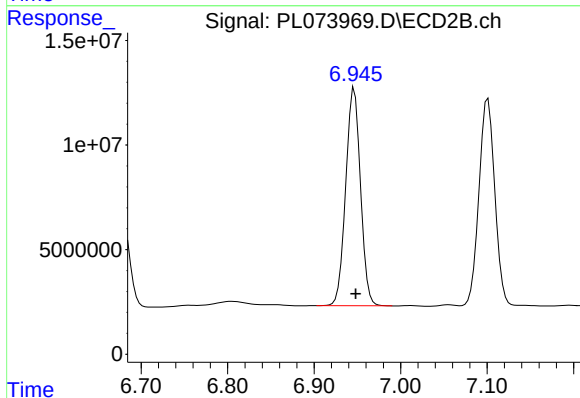
#7 delta-BHC

R.T.: 6.411 min
Delta R.T.: -0.001 min
Response: 20590878
Conc: 49.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

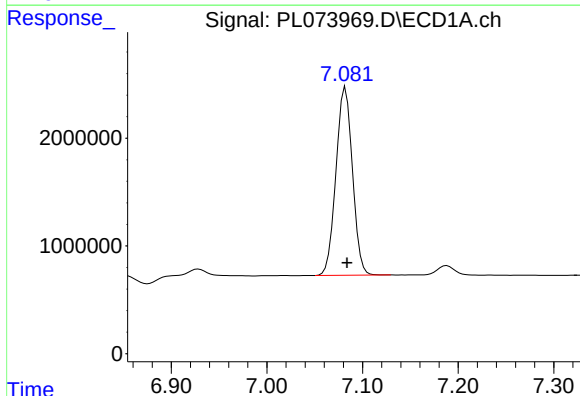
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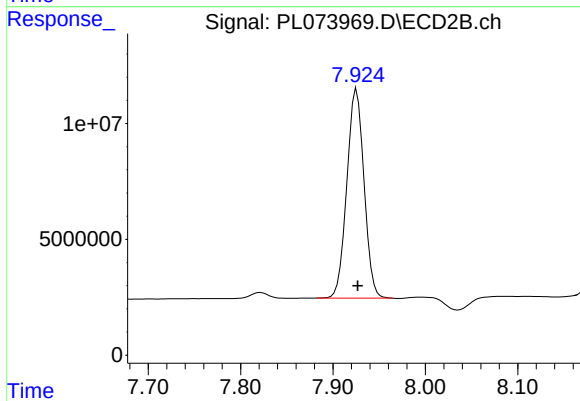
#7 delta-BHC

R.T.: 6.946 min
Delta R.T.: -0.002 min
Response: 122957939
Conc: 50.35 ng/ml



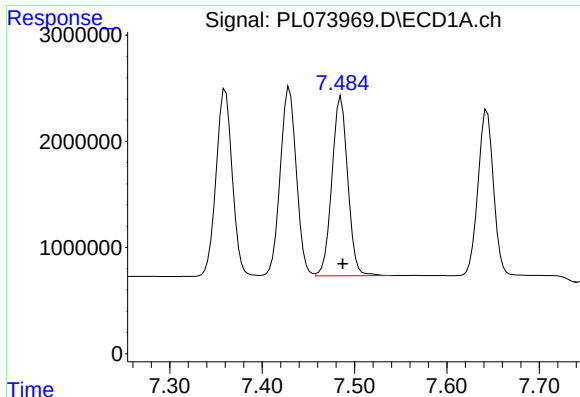
#8 Heptachlor epoxide

R.T.: 7.082 min
Delta R.T.: -0.002 min
Response: 20925538
Conc: 48.78 ng/ml



#8 Heptachlor epoxide

R.T.: 7.926 min
Delta R.T.: -0.001 min
Response: 116688578
Conc: 51.83 ng/ml



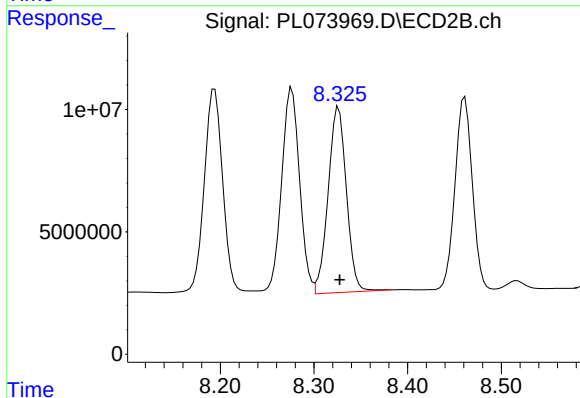
#9 Endosulfan I

R.T.: 7.485 min
Delta R.T.: -0.002 min
Response: 20133167
Conc: 49.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

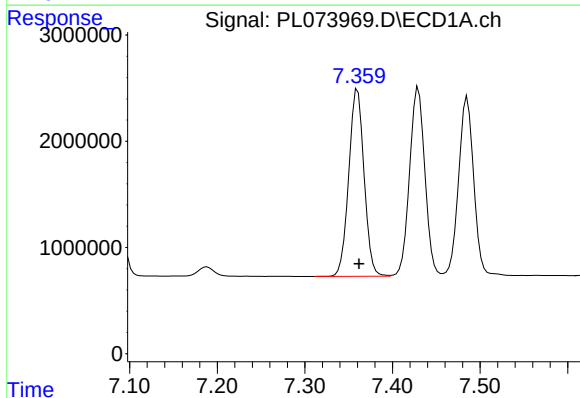
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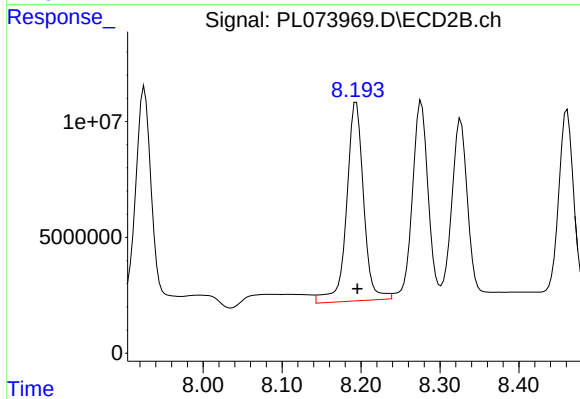
#9 Endosulfan I

R.T.: 8.326 min
Delta R.T.: -0.001 min
Response: 102768307
Conc: 52.20 ng/ml



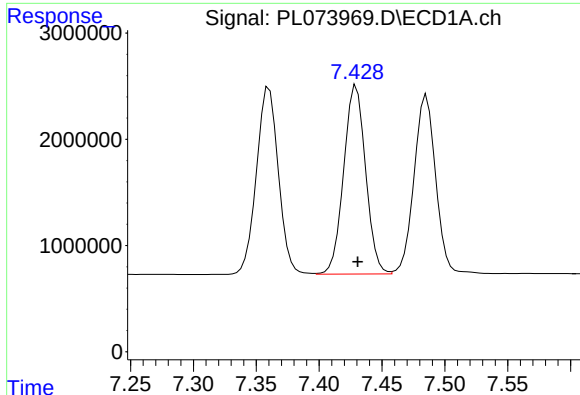
#10 gamma-Chlordane

R.T.: 7.360 min
Delta R.T.: -0.002 min
Response: 21385774
Conc: 48.76 ng/ml



#10 gamma-Chlordane

R.T.: 8.194 min
Delta R.T.: -0.001 min
Response: 128661651
Conc: 57.69 ng/ml



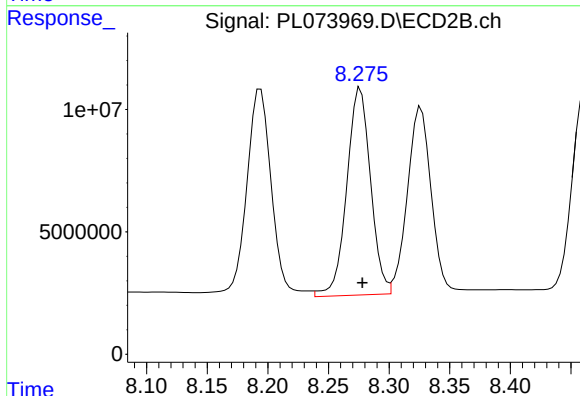
#11 alpha-Chlordane

R.T.: 7.430 min
Delta R.T.: -0.001 min
Response: 21549085
Conc: 48.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

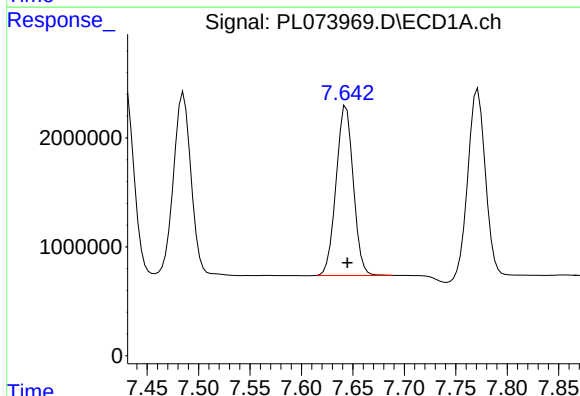
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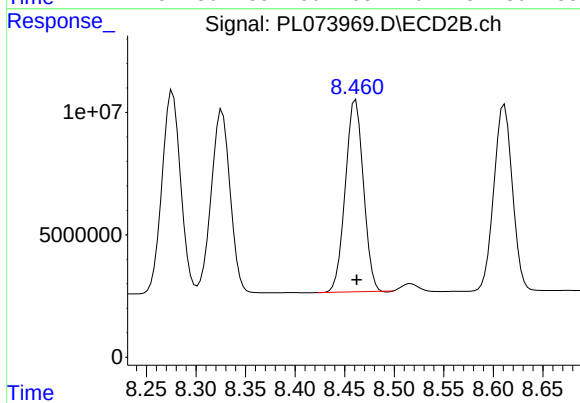
#11 alpha-Chlordane

R.T.: 8.276 min
Delta R.T.: -0.002 min
Response: 115599931
Conc: 53.70 ng/ml



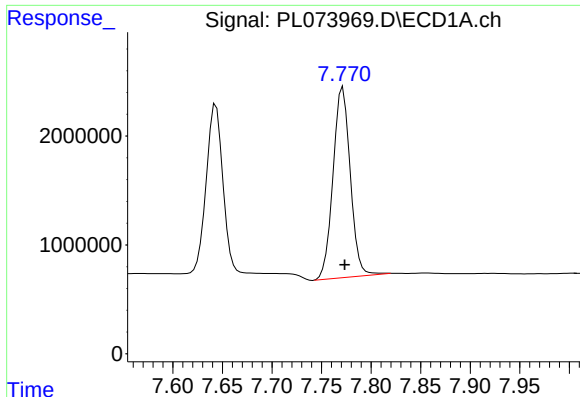
#12 4,4'-DDE

R.T.: 7.644 min
Delta R.T.: -0.001 min
Response: 18119522
Conc: 49.67 ng/ml



#12 4,4'-DDE

R.T.: 8.461 min
Delta R.T.: -0.001 min
Response: 99573546
Conc: 49.99 ng/ml



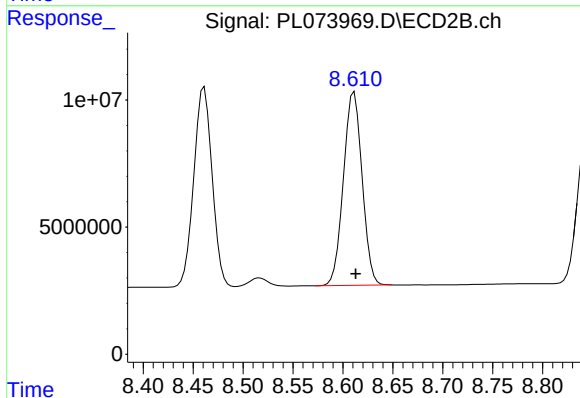
#13 Dieldrin

R.T.: 7.771 min
Delta R.T.: -0.002 min
Response: 21276246
Conc: 49.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

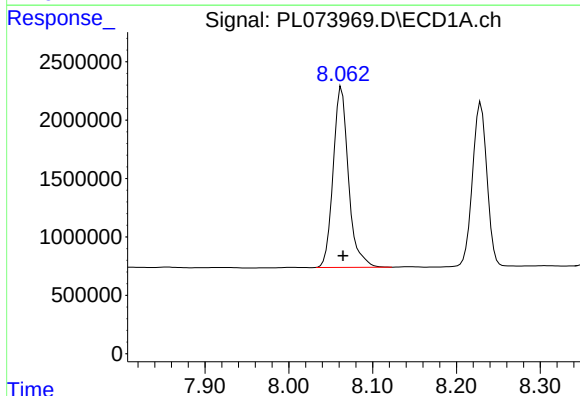
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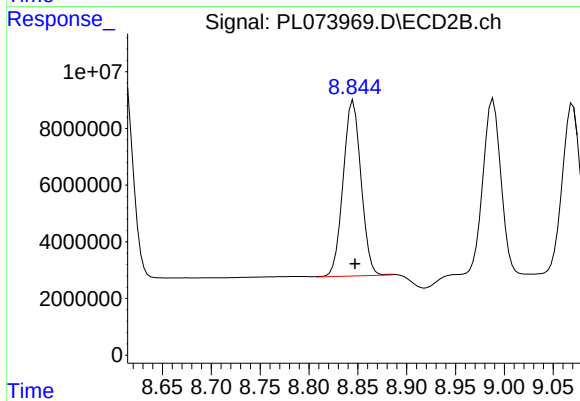
#13 Dieldrin

R.T.: 8.611 min
Delta R.T.: -0.002 min
Response: 98971204
Conc: 49.36 ng/ml



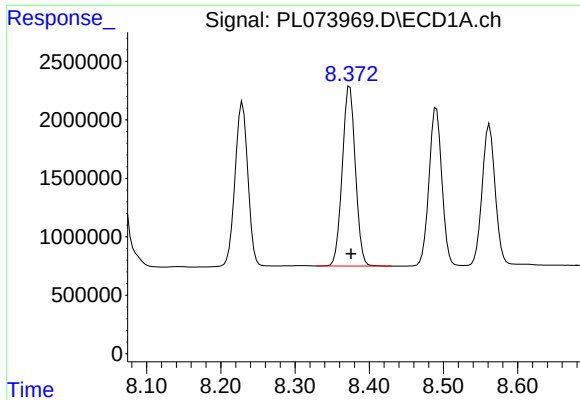
#14 Endrin

R.T.: 8.063 min
Delta R.T.: -0.002 min
Response: 19626616
Conc: 48.31 ng/ml



#14 Endrin

R.T.: 8.844 min
Delta R.T.: -0.003 min
Response: 79147918
Conc: 46.73 ng/ml m



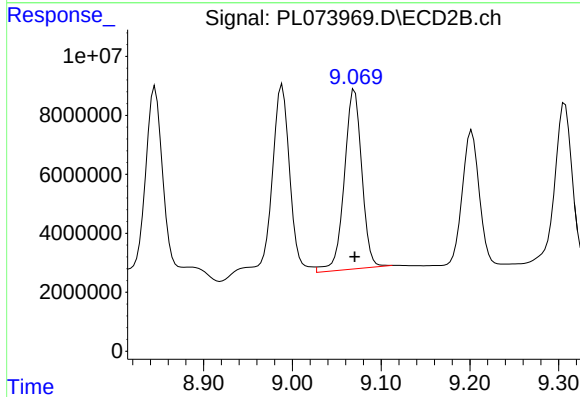
#15 Endosulfan II

R.T.: 8.374 min
Delta R.T.: -0.002 min
Response: 18926733
Conc: 45.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

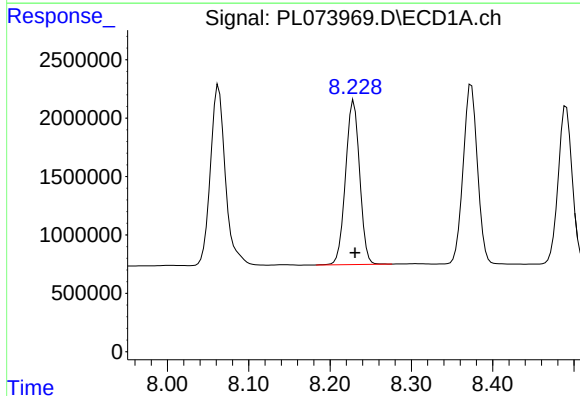
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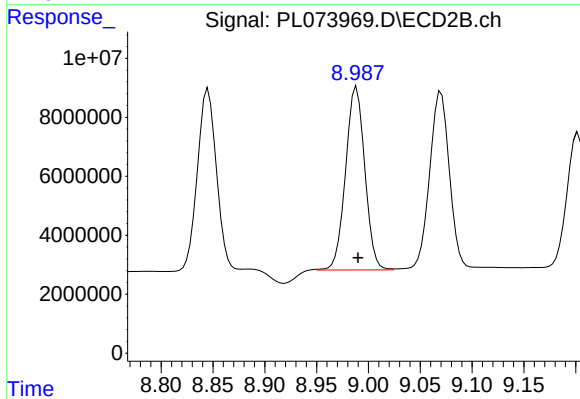
#15 Endosulfan II

R.T.: 9.070 min
Delta R.T.: 0.000 min
Response: 83232683
Conc: 47.91 ng/ml



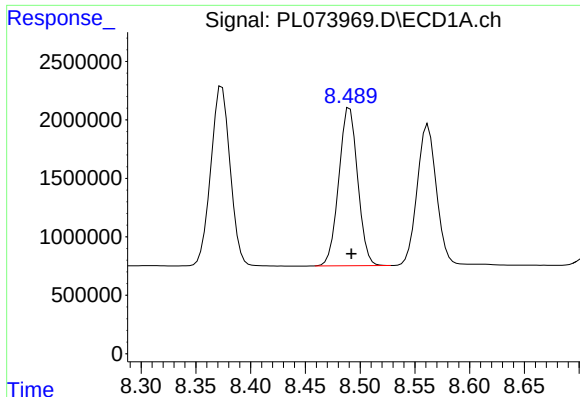
#16 4,4'-DDD

R.T.: 8.229 min
Delta R.T.: -0.001 min
Response: 16879907
Conc: 52.27 ng/ml



#16 4,4'-DDD

R.T.: 8.987 min
Delta R.T.: -0.003 min
Response: 80090167
Conc: 52.05 ng/ml m



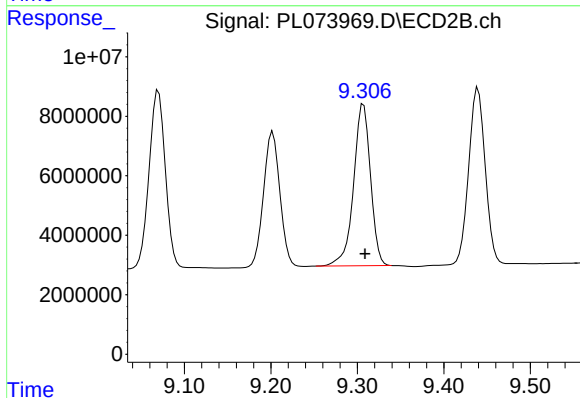
#17 4,4'-DDT

R.T.: 8.491 min
Delta R.T.: -0.002 min
Response: 16217359
Conc: 43.87 ng/ml

Instrument :
ECD_L
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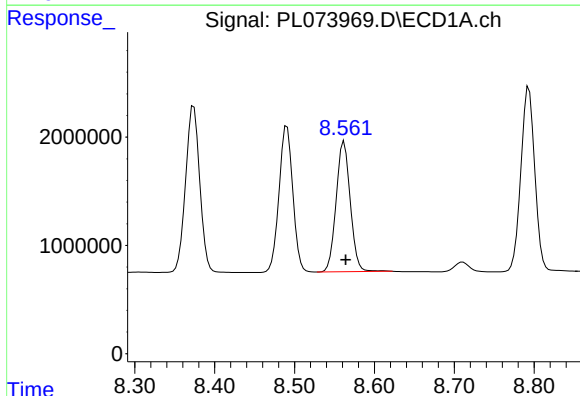
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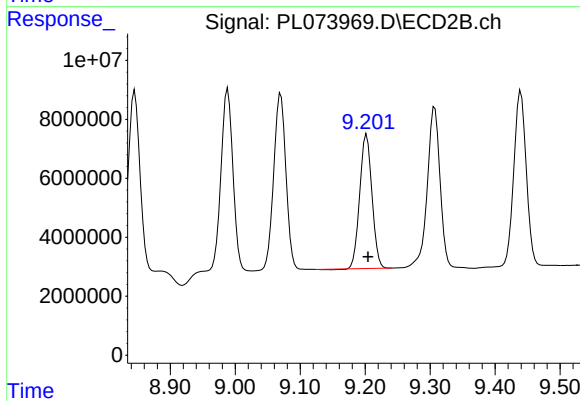
#17 4,4'-DDT

R.T.: 9.307 min
Delta R.T.: -0.002 min
Response: 73983124
Conc: 41.74 ng/ml



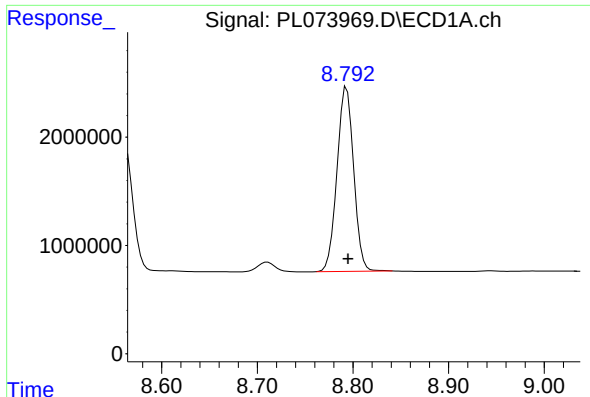
#18 Endrin aldehyde

R.T.: 8.562 min
Delta R.T.: -0.002 min
Response: 14785183
Conc: 45.70 ng/ml



#18 Endrin aldehyde

R.T.: 9.202 min
Delta R.T.: -0.002 min
Response: 59210305
Conc: 45.84 ng/ml



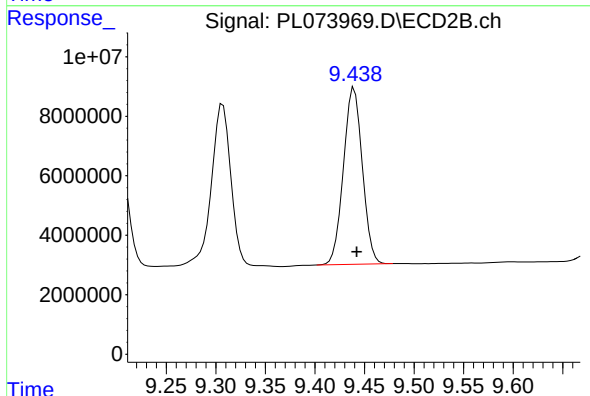
#19 Endosulfan Sulfate

R.T.: 8.793 min
Delta R.T.: -0.002 min
Response: 20639403
Conc: 48.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

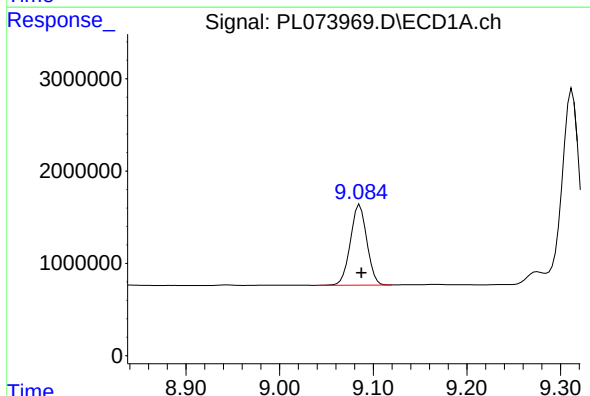
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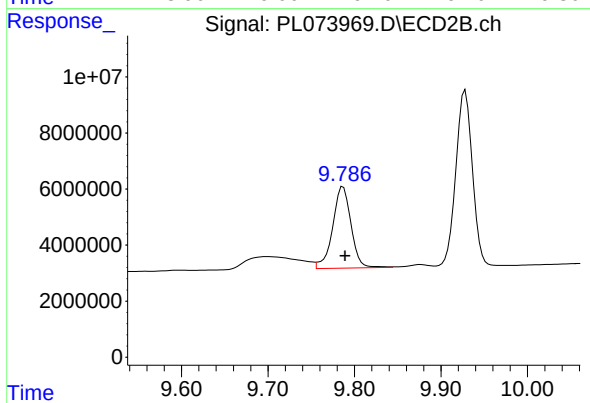
#19 Endosulfan Sulfate

R.T.: 9.440 min
Delta R.T.: -0.003 min
Response: 78840662
Conc: 47.37 ng/ml



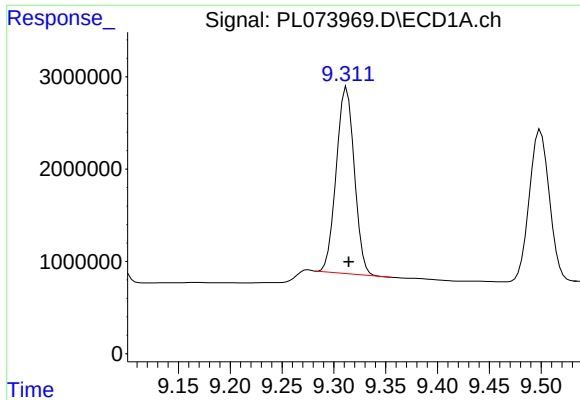
#20 Methoxychlor

R.T.: 9.086 min
Delta R.T.: -0.002 min
Response: 10685831
Conc: 43.04 ng/ml



#20 Methoxychlor

R.T.: 9.787 min
Delta R.T.: -0.002 min
Response: 42671499
Conc: 44.36 ng/ml



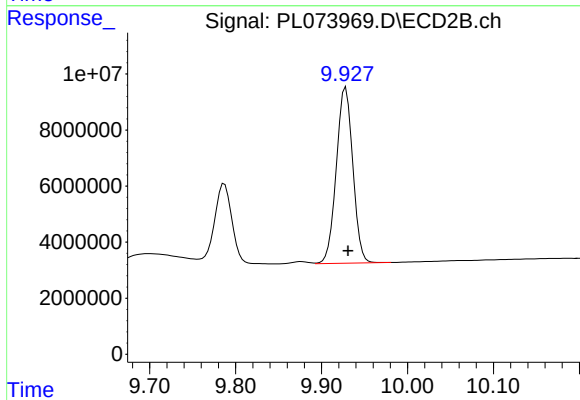
#21 Endrin ketone

R.T.: 9.313 min
Delta R.T.: -0.002 min
Response: 24404219
Conc: 49.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

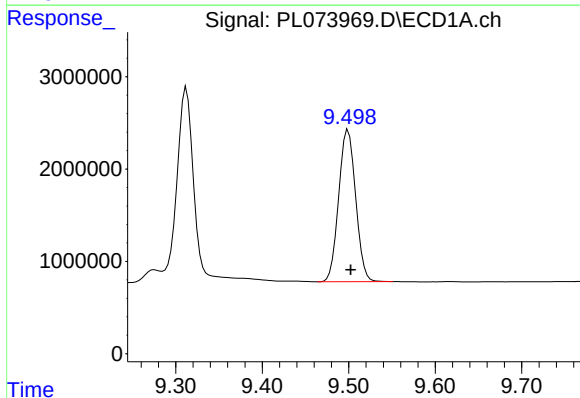
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Reviewed By :Abdul Mirza 04/13/2022
Supervised By :mohammad ahmed 04/13/2022



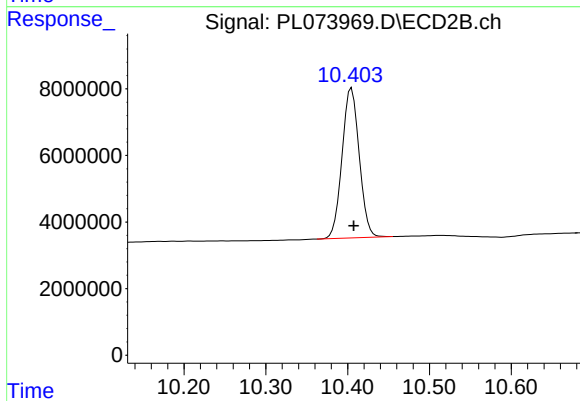
#21 Endrin ketone

R.T.: 9.928 min
Delta R.T.: -0.003 min
Response: 83819013
Conc: 48.42 ng/ml



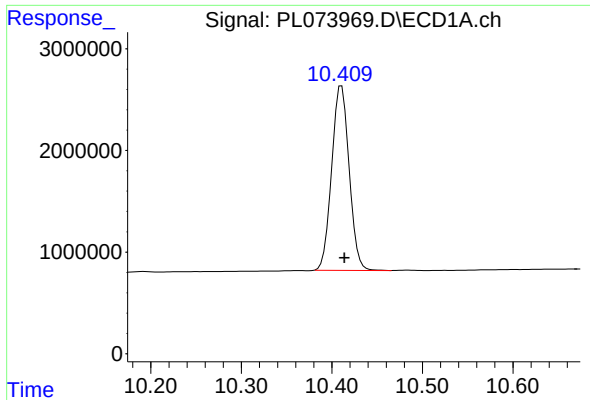
#22 Mirex

R.T.: 9.499 min
Delta R.T.: -0.003 min
Response: 22316702
Conc: 47.85 ng/ml



#22 Mirex

R.T.: 10.405 min
Delta R.T.: -0.003 min
Response: 65340501
Conc: 47.44 ng/ml



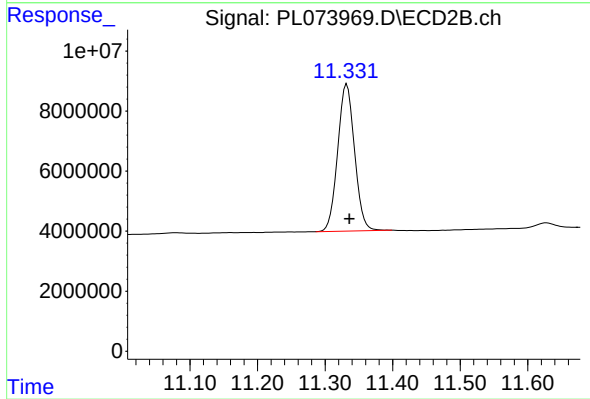
#28 Decachlorobiphenyl

R.T.: 10.411 min
Delta R.T.: -0.003 min
Response: 24326330
Conc: 46.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/13/2022
Supervised By :mohammad ahmed 04/13/2022



#28 Decachlorobiphenyl

R.T.: 11.332 min
Delta R.T.: -0.004 min
Response: 85054457
Conc: 48.15 ng/ml