

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041122\
 Data File : PL073930.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Apr 2022 11:07
 Operator : AR\AJ
 Sample : N2239-02MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TP-4MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/12/2022
 Supervised By : mohammad ahmed 04/12/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 12 02:03:23 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	6063305	33796440	18.765	18.955
28) SA Decachlor...	10.412	11.331	11134511	38924310	21.411	22.037
Target Compounds						
2) A alpha-BHC	5.347	6.053	22106184	135.7E6	52.676	53.893
3) MA gamma-BHC...	5.769	6.440	23517140	126.0E6	56.074m	53.216m
4) MA Heptachlor	6.181	7.101	21384035	132.5E6	47.472	50.779
5) MB Aldrin	6.506	7.469	21582638	127.4E6	52.000	54.239
6) B beta-BHC	6.149	6.679	9953765	55185771	48.715m	48.966
7) B delta-BHC	6.412	6.946	21468473	132.2E6	51.897	54.140
8) B Heptachlo...	7.083	7.925	21715986	113.3E6	50.627	50.332
9) A Endosulfan I	7.486	8.326	21014709	104.0E6	51.240	52.821
10) B gamma-Chl...	7.361	8.193	22130920	114.8E6	50.459	51.477
11) B alpha-Chl...	7.430	8.276	22251283	112.2E6	50.368	52.102
12) B 4,4'-DDE	7.645	8.460	18496496	104.8E6	50.701	52.602
13) MA Dieldrin	7.772	8.611	22307061	109.6E6	51.929m	54.637
14) MA Endrin	8.064	8.845	21038413	93140040	51.789	54.993
15) B Endosulfa...	8.374	9.070	21421138	91199107	51.973	52.497
16) A 4,4'-DDD	8.229	8.988	16460887	82896367	50.974	53.878
17) MA 4,4'-DDT	8.491	9.307	18212777	87210166	49.272	49.197
18) B Endrin al...	8.563	9.202	17780583	74365681	54.954	57.575
19) B Endosulfa...	8.794	9.440	21717207	87608322	50.857	52.639
20) A Methoxychlor	9.087	9.786	12047885	48100530	48.528	50.009
21) B Endrin ke...	9.313	9.928	25743866	93327667	52.694	53.917
22) Mirex	9.500	10.404	23546748	73511000	50.486	53.369

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041122\
 Data File : PL073930.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Apr 2022 11:07
 Operator : AR\AJ
 Sample : N2239-02MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

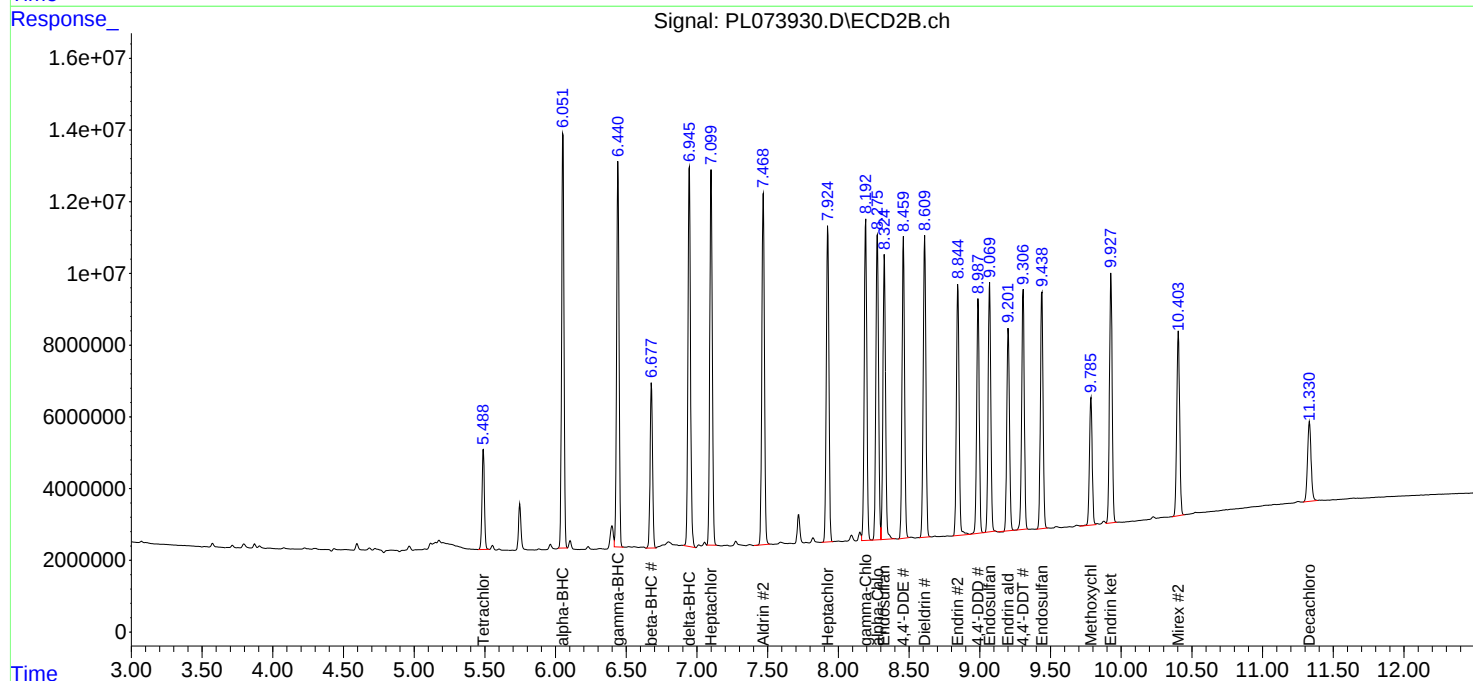
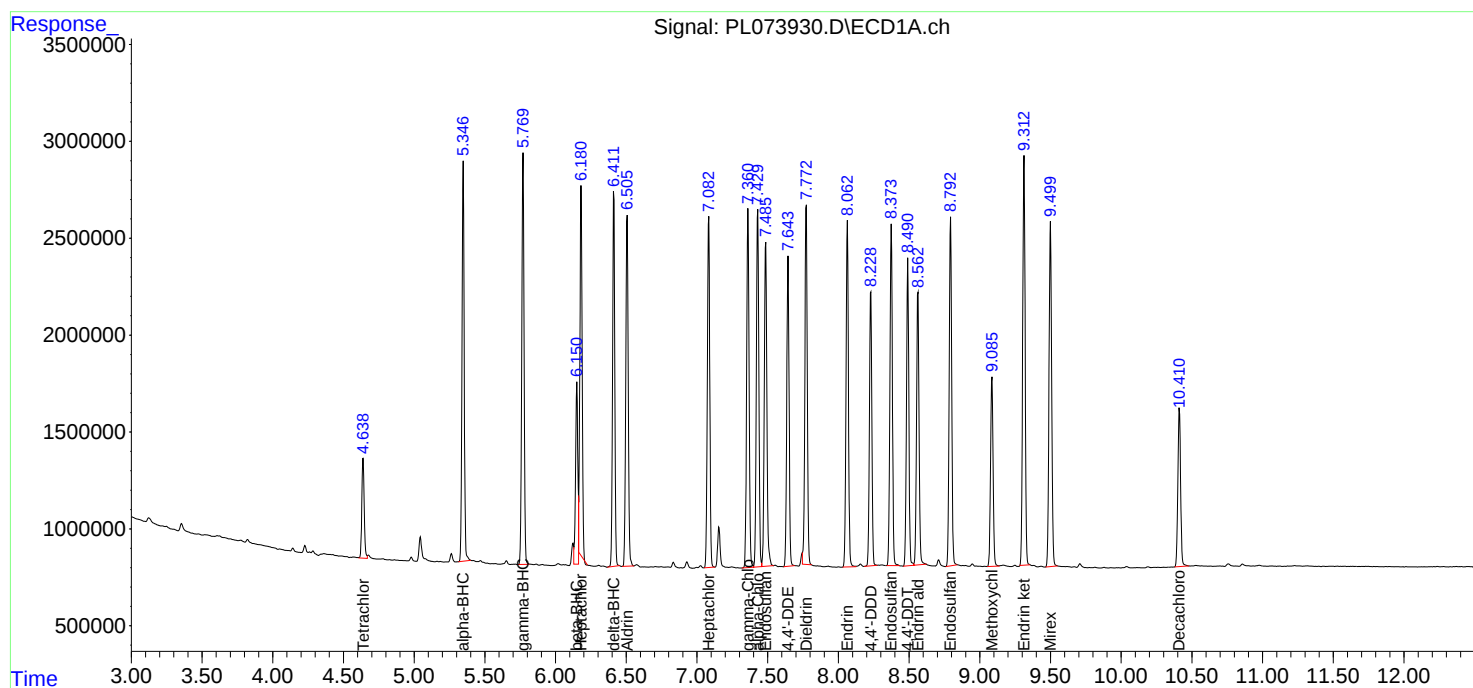
Instrument :
 ECD_L
 ClientSampleId :
 TP-4MS

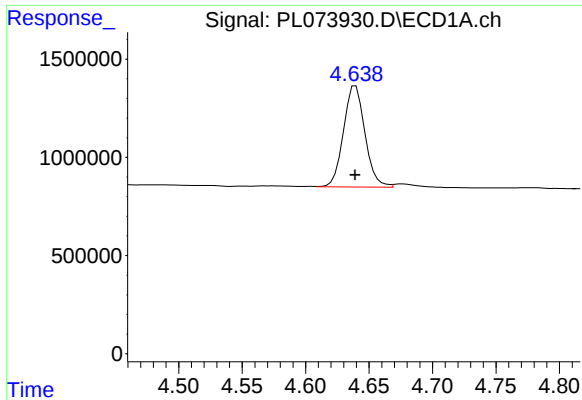
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 04/12/2022
 Supervised By :mohammad ahmed 04/12/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 12 02:03:23 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL040822.M
 Quant Title : GC Extractables
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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





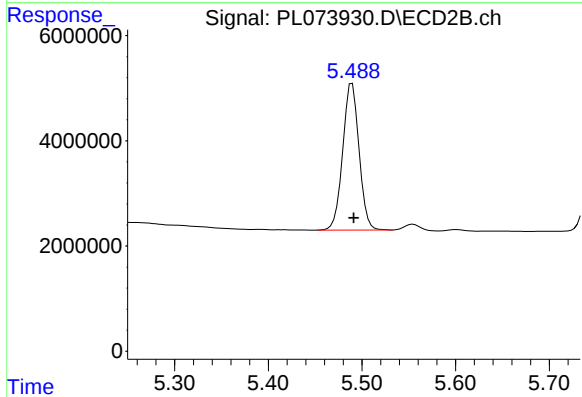
#1 Tetrachloro-m-xylene

R.T.: 4.639 min
Delta R.T.: 0.000 min
Response: 6063305
Conc: 18.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MS

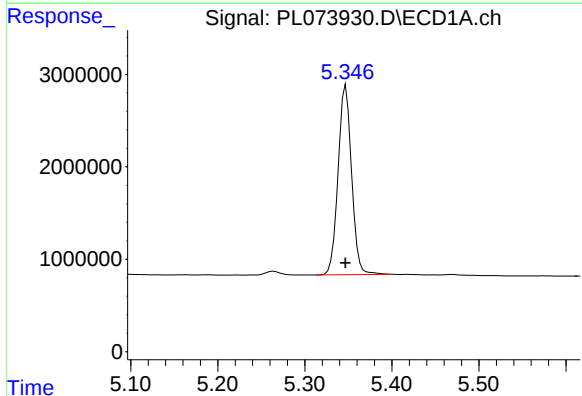
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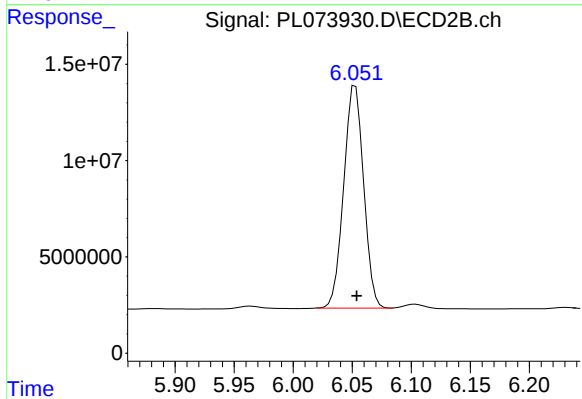
#1 Tetrachloro-m-xylene

R.T.: 5.489 min
Delta R.T.: -0.002 min
Response: 33796440
Conc: 18.96 ng/ml



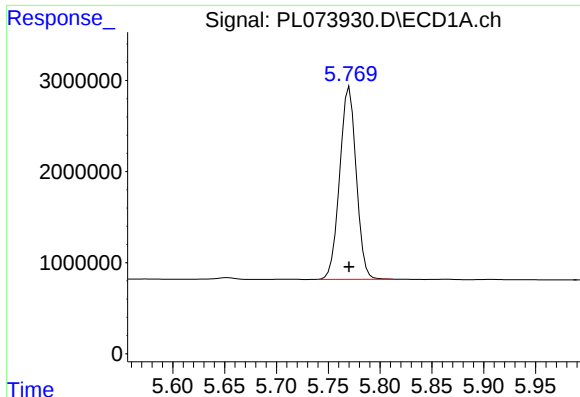
#2 alpha-BHC

R.T.: 5.347 min
Delta R.T.: 0.000 min
Response: 22106184
Conc: 52.68 ng/ml



#2 alpha-BHC

R.T.: 6.053 min
Delta R.T.: -0.001 min
Response: 135706659
Conc: 53.89 ng/ml



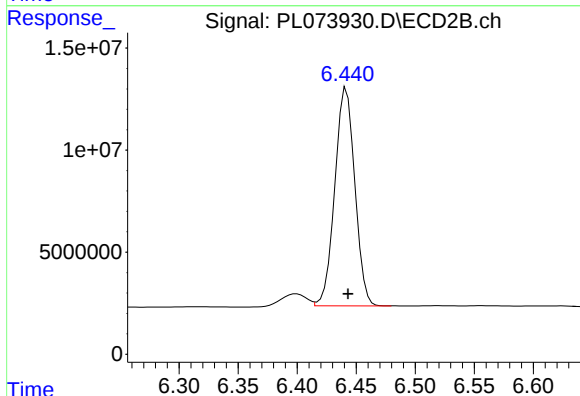
#3 gamma-BHC (Lindane)

R.T.: 5.769 min
Delta R.T.: -0.001 min
Response: 23517140
Conc: 56.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MS

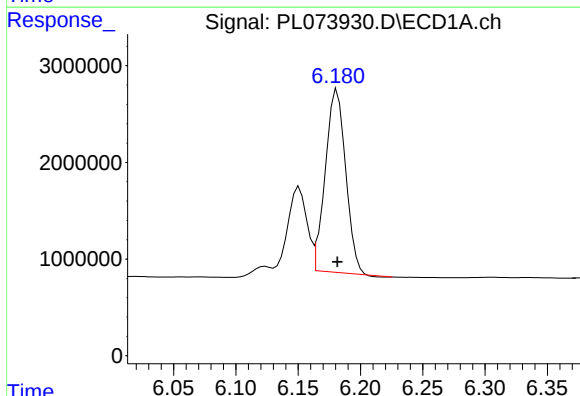
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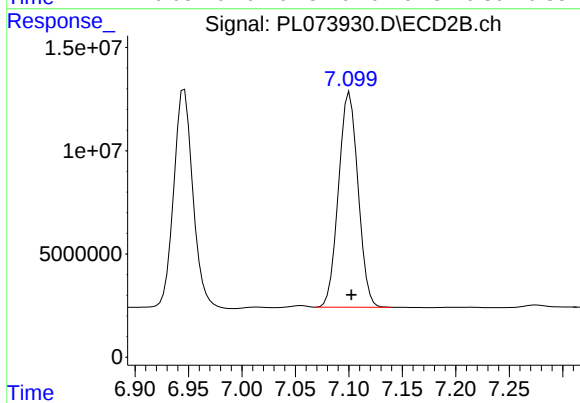
#3 gamma-BHC (Lindane)

R.T.: 6.440 min
Delta R.T.: -0.003 min
Response: 125968619
Conc: 53.22 ng/ml m



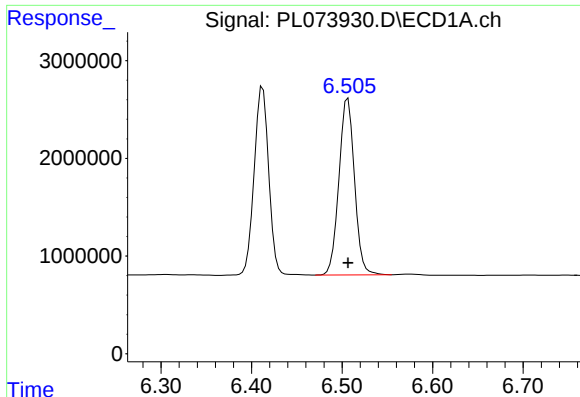
#4 Heptachlor

R.T.: 6.181 min
Delta R.T.: 0.000 min
Response: 21384035
Conc: 47.47 ng/ml



#4 Heptachlor

R.T.: 7.101 min
Delta R.T.: -0.002 min
Response: 132453268
Conc: 50.78 ng/ml



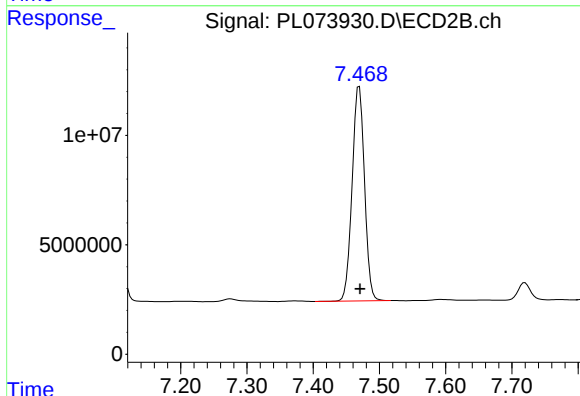
#5 Aldrin

R.T.: 6.506 min
Delta R.T.: 0.000 min
Response: 21582638
Conc: 52.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MS

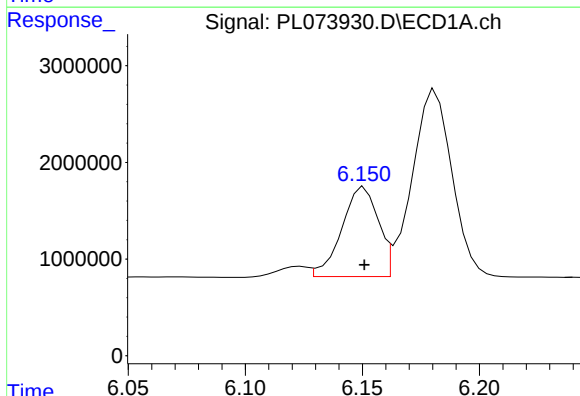
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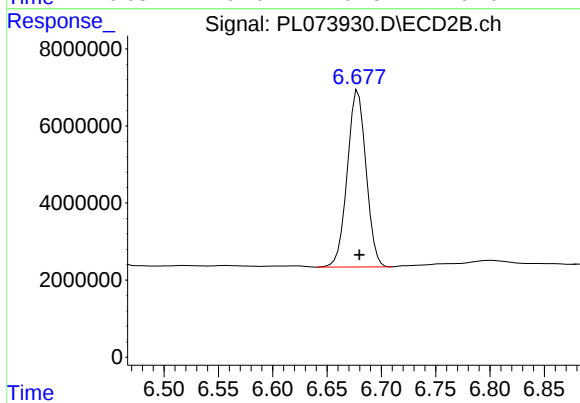
#5 Aldrin

R.T.: 7.469 min
Delta R.T.: -0.001 min
Response: 127386578
Conc: 54.24 ng/ml



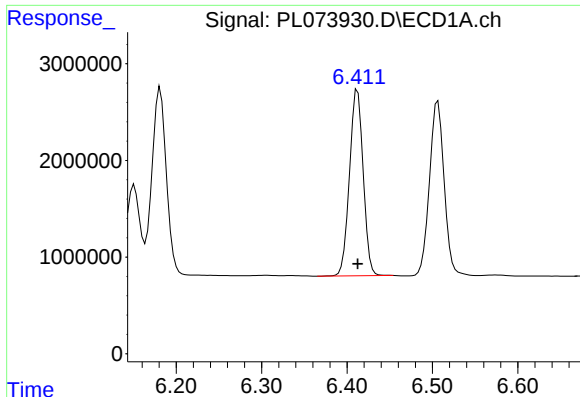
#6 beta-BHC

R.T.: 6.149 min
Delta R.T.: -0.001 min
Response: 9953765
Conc: 48.71 ng/ml m



#6 beta-BHC

R.T.: 6.679 min
Delta R.T.: -0.001 min
Response: 55185771
Conc: 48.97 ng/ml



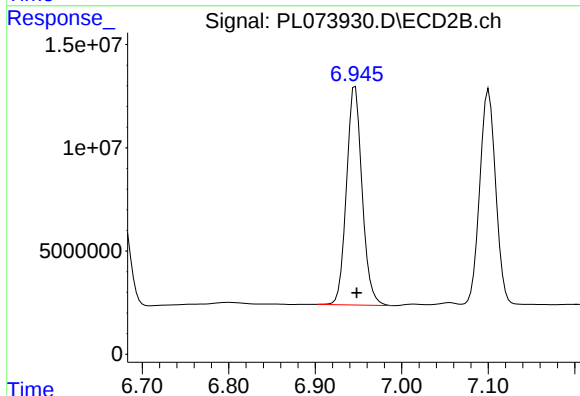
#7 delta-BHC

R.T.: 6.412 min
Delta R.T.: 0.000 min
Response: 21468473
Conc: 51.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MS

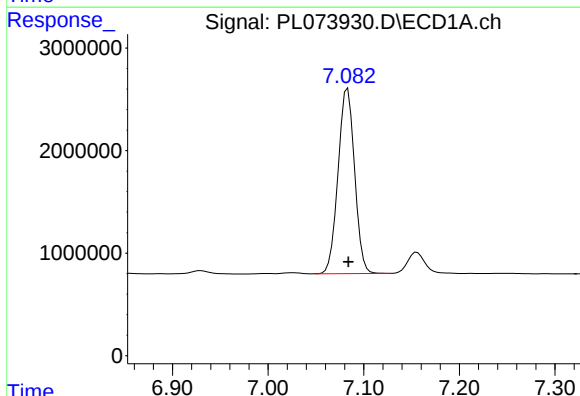
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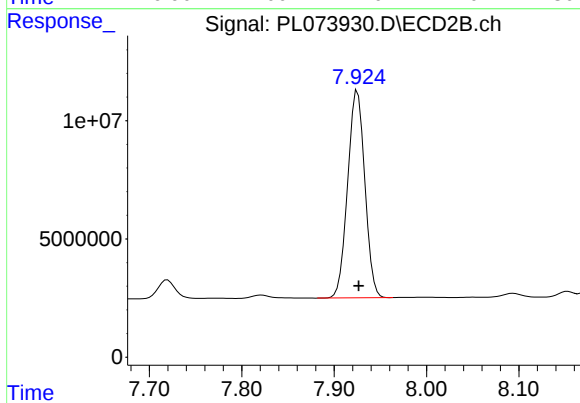
#7 delta-BHC

R.T.: 6.946 min
Delta R.T.: -0.002 min
Response: 132224003
Conc: 54.14 ng/ml



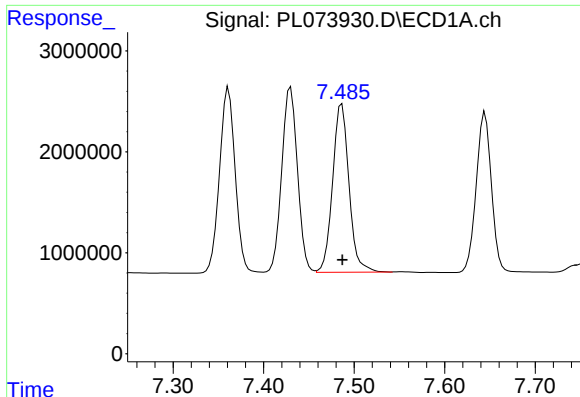
#8 Heptachlor epoxide

R.T.: 7.083 min
Delta R.T.: 0.000 min
Response: 21715986
Conc: 50.63 ng/ml



#8 Heptachlor epoxide

R.T.: 7.925 min
Delta R.T.: -0.001 min
Response: 113326016
Conc: 50.33 ng/ml



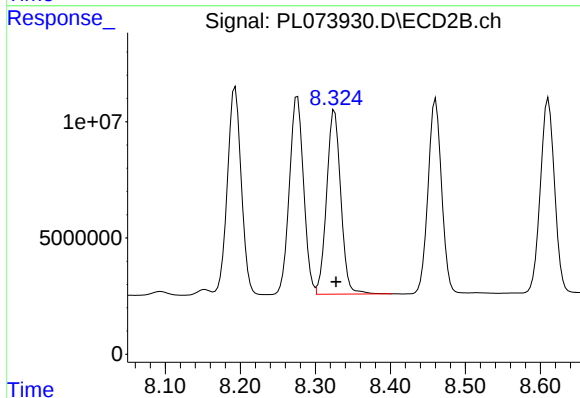
#9 Endosulfan I

R.T.: 7.486 min
Delta R.T.: 0.000 min
Response: 21014709
Conc: 51.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MS

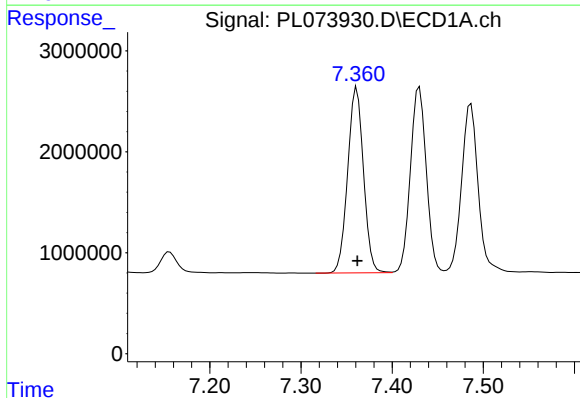
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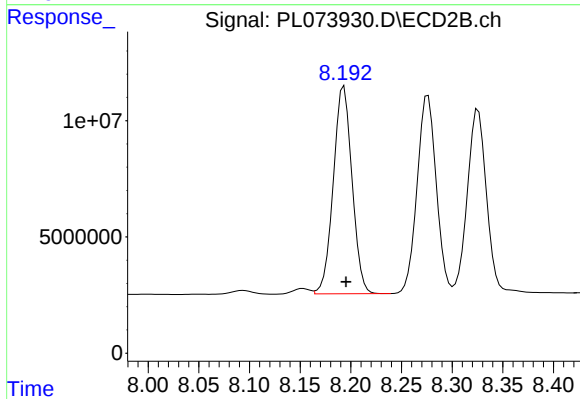
#9 Endosulfan I

R.T.: 8.326 min
Delta R.T.: -0.002 min
Response: 103987017
Conc: 52.82 ng/ml



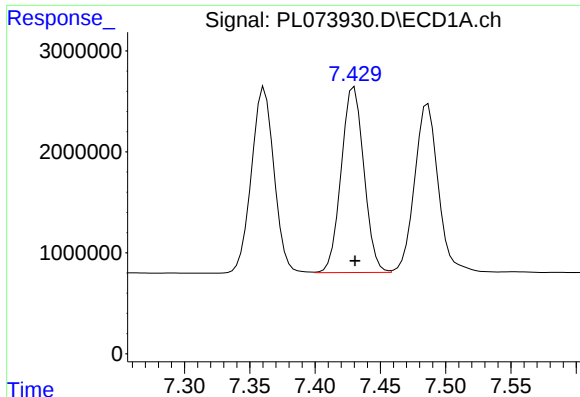
#10 gamma-Chlordane

R.T.: 7.361 min
Delta R.T.: 0.000 min
Response: 22130920
Conc: 50.46 ng/ml



#10 gamma-Chlordane

R.T.: 8.193 min
Delta R.T.: -0.002 min
Response: 114811367
Conc: 51.48 ng/ml



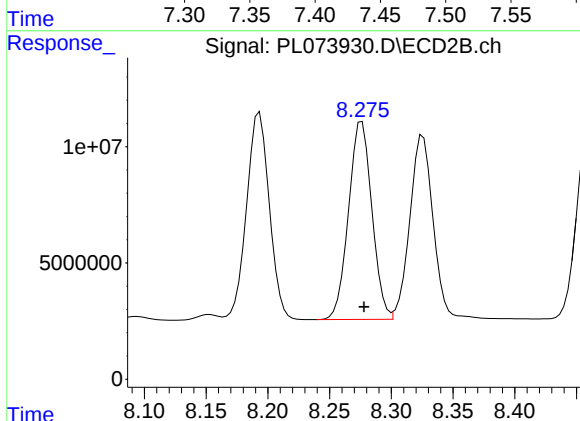
#11 alpha-Chlordane

R.T.: 7.430 min
Delta R.T.: 0.000 min
Response: 22251283
Conc: 50.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MS

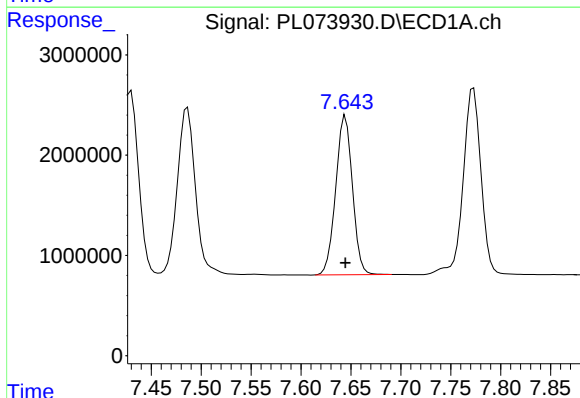
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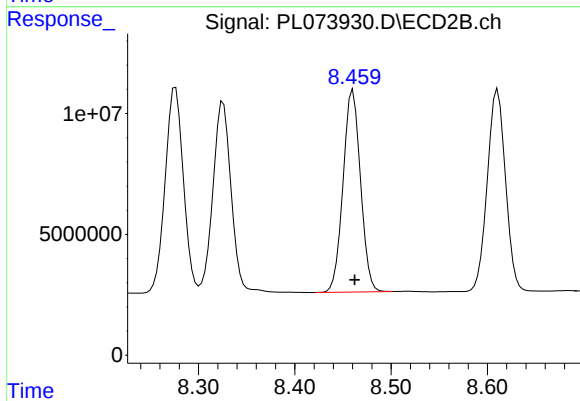
#11 alpha-Chlordane

R.T.: 8.276 min
Delta R.T.: -0.002 min
Response: 112153123
Conc: 52.10 ng/ml



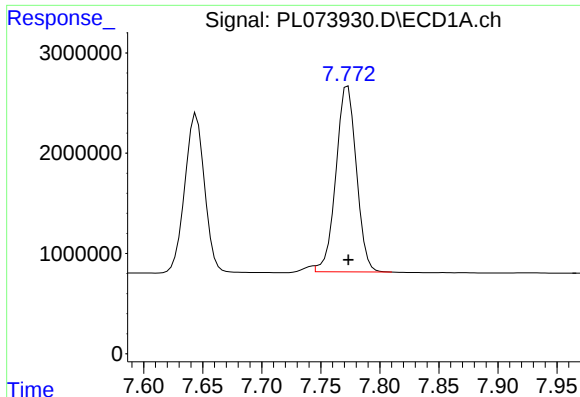
#12 4,4'-DDE

R.T.: 7.645 min
Delta R.T.: 0.000 min
Response: 18496496
Conc: 50.70 ng/ml



#12 4,4'-DDE

R.T.: 8.460 min
Delta R.T.: -0.002 min
Response: 104767769
Conc: 52.60 ng/ml



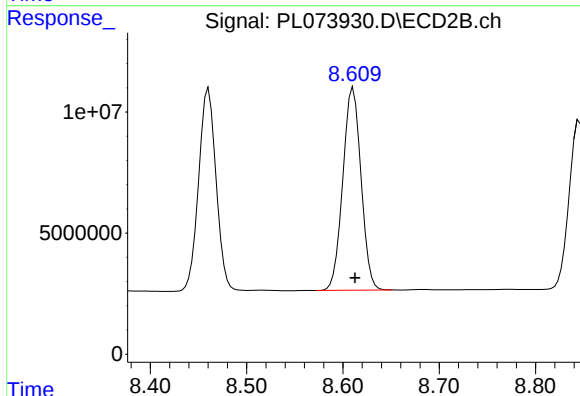
#13 Dieldrin

R.T.: 7.772 min
Delta R.T.: -0.002 min
Response: 22307061
Conc: 51.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MS

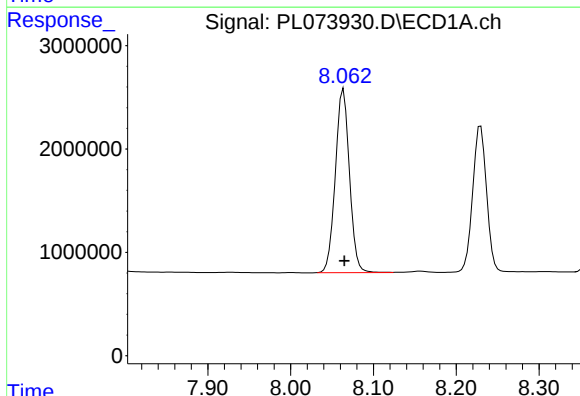
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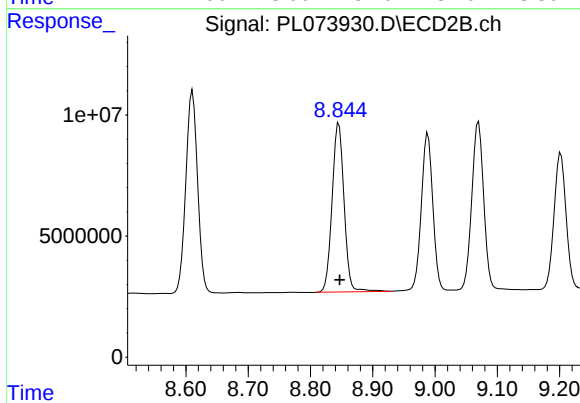
#13 Dieldrin

R.T.: 8.611 min
Delta R.T.: -0.002 min
Response: 109563173
Conc: 54.64 ng/ml



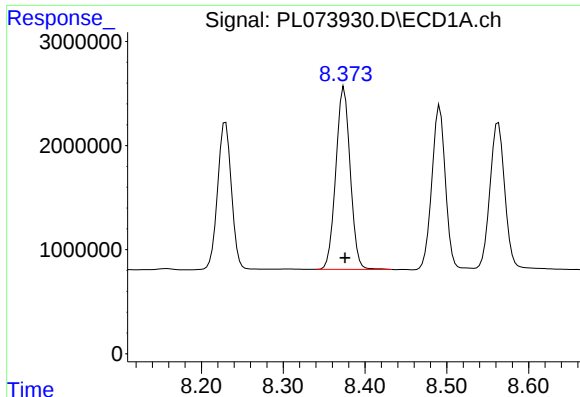
#14 Endrin

R.T.: 8.064 min
Delta R.T.: -0.001 min
Response: 21038413
Conc: 51.79 ng/ml



#14 Endrin

R.T.: 8.845 min
Delta R.T.: -0.002 min
Response: 93140040
Conc: 54.99 ng/ml



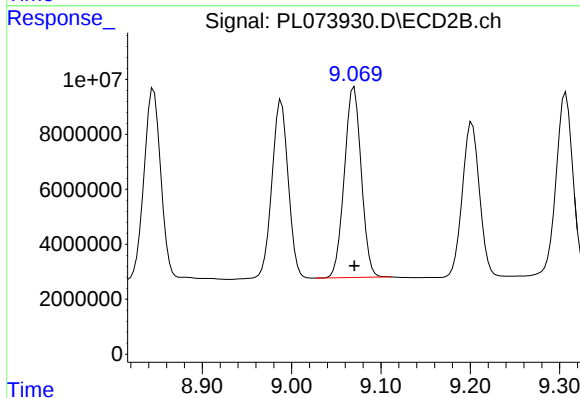
#15 Endosulfan II

R.T.: 8.374 min
Delta R.T.: 0.000 min
Response: 21421138
Conc: 51.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MS

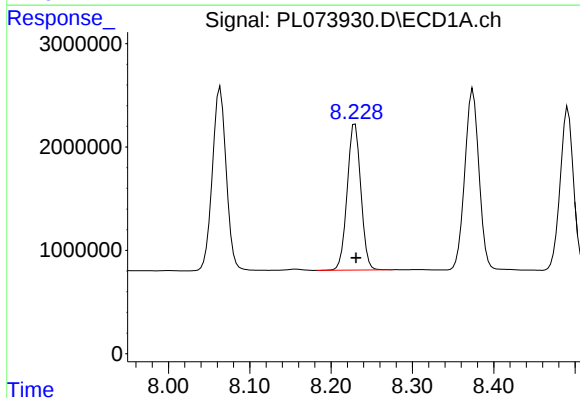
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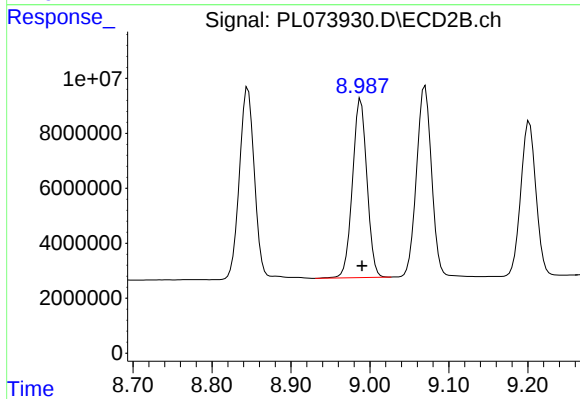
#15 Endosulfan II

R.T.: 9.070 min
Delta R.T.: 0.000 min
Response: 91199107
Conc: 52.50 ng/ml



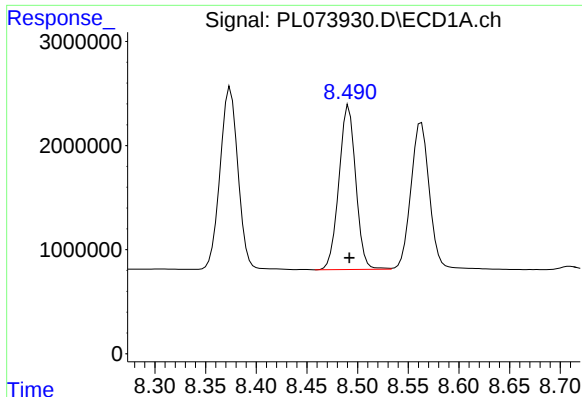
#16 4,4'-DDD

R.T.: 8.229 min
Delta R.T.: -0.001 min
Response: 16460887
Conc: 50.97 ng/ml



#16 4,4'-DDD

R.T.: 8.988 min
Delta R.T.: -0.002 min
Response: 82896367
Conc: 53.88 ng/ml



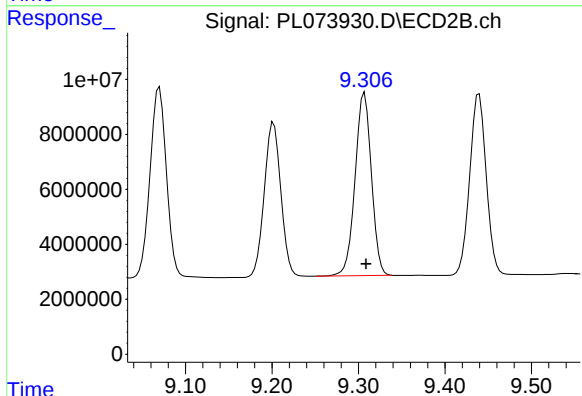
#17 4,4'-DDT

R.T.: 8.491 min
Delta R.T.: 0.000 min
Response: 18212777
Conc: 49.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MS

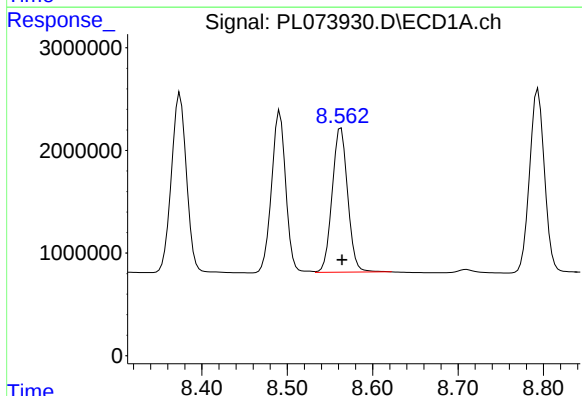
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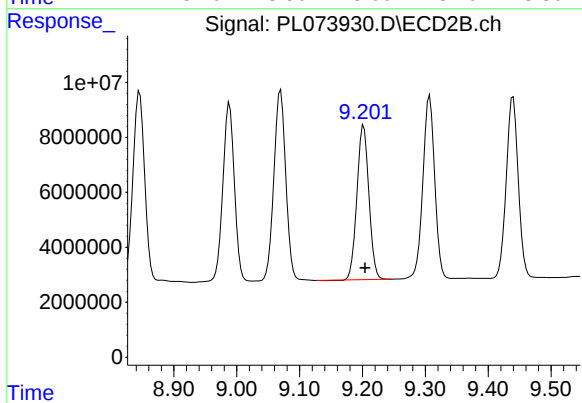
#17 4,4'-DDT

R.T.: 9.307 min
Delta R.T.: -0.002 min
Response: 87210166
Conc: 49.20 ng/ml



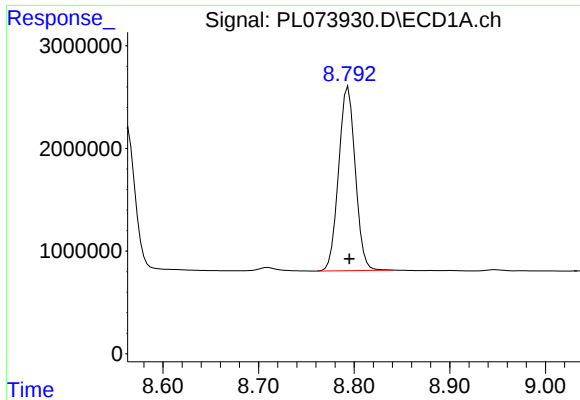
#18 Endrin aldehyde

R.T.: 8.563 min
Delta R.T.: -0.001 min
Response: 17780583
Conc: 54.95 ng/ml



#18 Endrin aldehyde

R.T.: 9.202 min
Delta R.T.: -0.002 min
Response: 74365681
Conc: 57.58 ng/ml



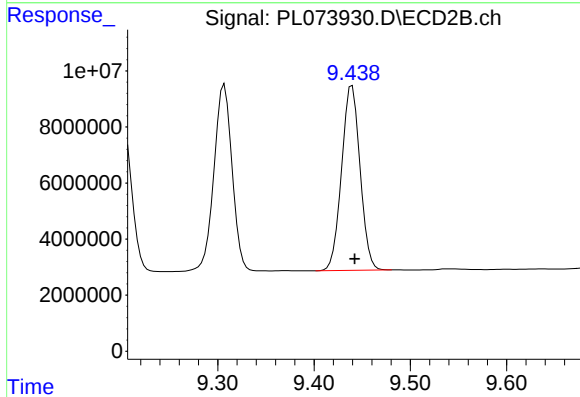
#19 Endosulfan Sulfate

R.T.: 8.794 min
Delta R.T.: -0.001 min
Response: 21717207
Conc: 50.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MS

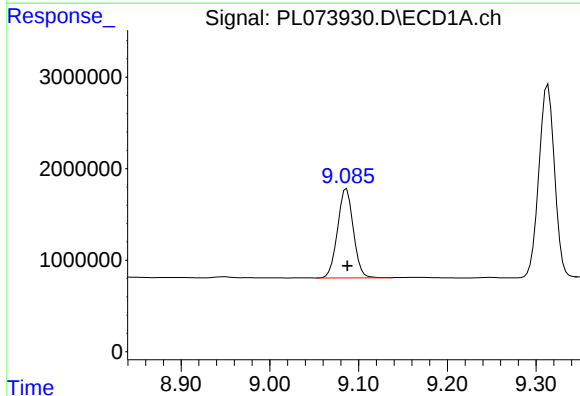
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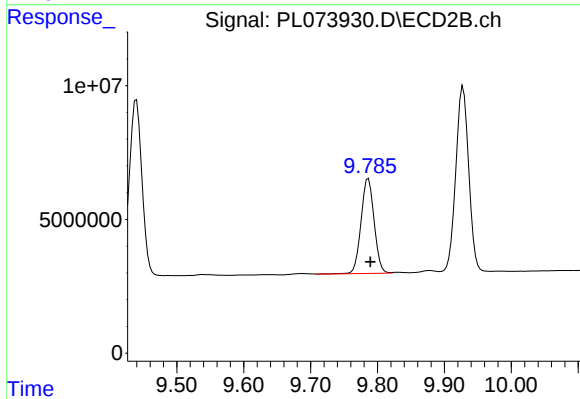
#19 Endosulfan Sulfate

R.T.: 9.440 min
Delta R.T.: -0.003 min
Response: 87608322
Conc: 52.64 ng/ml



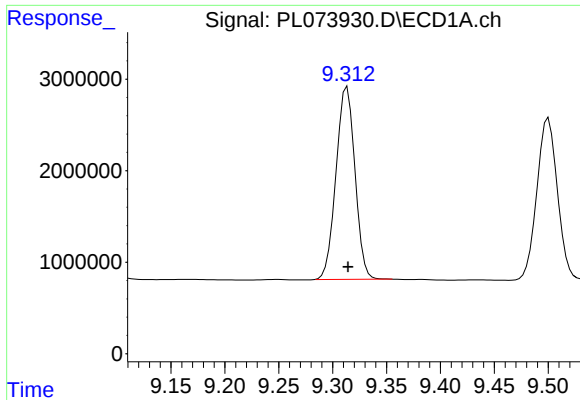
#20 Methoxychlor

R.T.: 9.087 min
Delta R.T.: 0.000 min
Response: 12047885
Conc: 48.53 ng/ml



#20 Methoxychlor

R.T.: 9.786 min
Delta R.T.: -0.003 min
Response: 48100530
Conc: 50.01 ng/ml



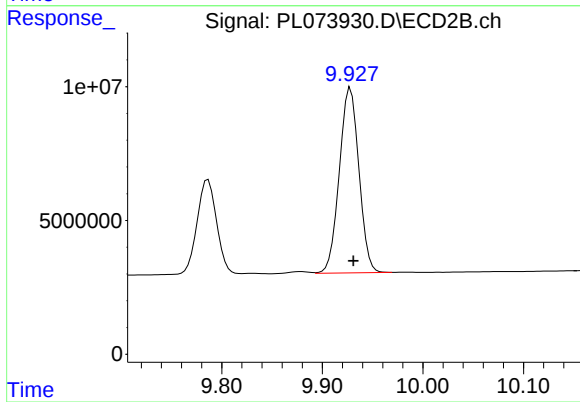
#21 Endrin ketone

R.T.: 9.313 min
Delta R.T.: 0.000 min
Response: 25743866
Conc: 52.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MS

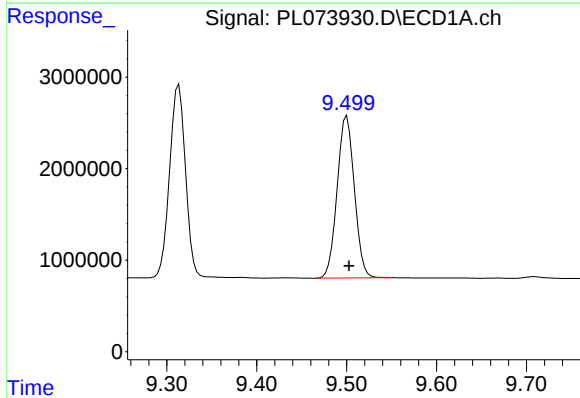
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/12/2022
Supervised By :mohammad ahmed 04/12/2022



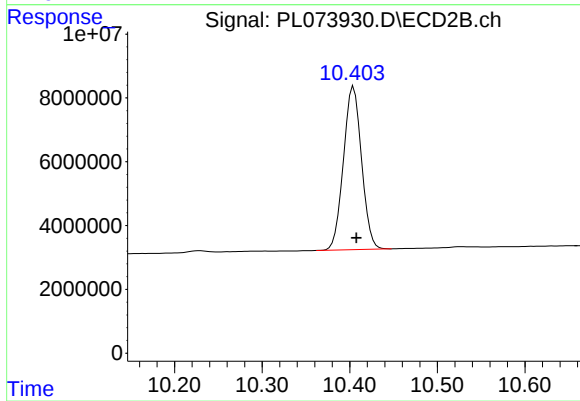
#21 Endrin ketone

R.T.: 9.928 min
Delta R.T.: -0.003 min
Response: 93327667
Conc: 53.92 ng/ml



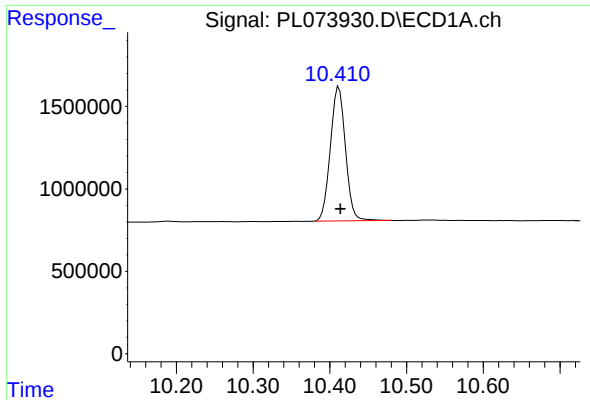
#22 Mirex

R.T.: 9.500 min
Delta R.T.: -0.002 min
Response: 23546748
Conc: 50.49 ng/ml



#22 Mirex

R.T.: 10.404 min
Delta R.T.: -0.003 min
Response: 73511000
Conc: 53.37 ng/ml



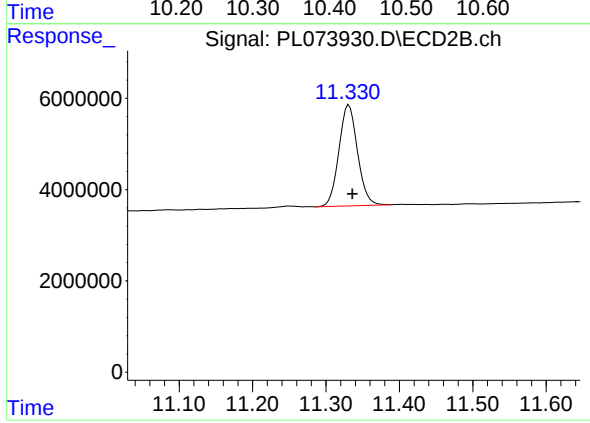
#28 Decachlorobiphenyl

R.T.: 10.412 min
Delta R.T.: -0.002 min
Response: 11134511
Conc: 21.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 11.331 min
Delta R.T.: -0.005 min
Response: 38924310
Conc: 22.04 ng/ml