

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL120321\
 Data File : PL071278.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Dec 2021 19:12
 Operator : AR\AJ
 Sample : M4927-13MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PH1-BOT-14MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/06/2021
 Supervised By : mohammad ahmed 12/06/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 04 00:35:50 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL113021.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 30 16:26:31 2021
 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...	4.564	5.500	12752254	36492024	27.150	29.079
28)	SA Decachlor...	10.326	11.389	18227308	34185134	25.173	24.594
Target Compounds							
2)	A alpha-BHC	5.270	6.080	37639422	105.0E6	57.576	56.717
3)	MA gamma-BHC...	5.693	6.475	37737985	99715304	59.095	56.650
4)	MA Heptachlor	6.100	7.122	40665092	105.1E6	58.657	57.319
5)	MB Aldrin	6.424	7.492	39383408	101.1E6	63.470	59.950
6)	B beta-BHC	6.074	6.732	15642013	45807348	51.669m	52.048
7)	B delta-BHC	6.334	6.997	20341890	55059566	31.870	32.383m
8)	B Heptachlo...	7.001	7.959	37673409	92377438	60.444	58.148
9)	A Endosulfan I	7.403	8.363	34979103	83206743	58.818	55.065
10)	B gamma-Chl...	7.278	8.229	38773579	93184976	61.065	58.281
11)	B alpha-Chl...	7.347	8.309	38805448	90395290	60.633	56.880
12)	B 4,4'-DDE	7.563	8.498	35298453	89420469	62.381	58.083
13)	MA Dieldrin	7.689	8.652	38217036	92004947	63.198	59.222
14)	MA Endrin	7.980	8.891	35711917	78910984	63.145	58.808
15)	B Endosulfa...	8.292	9.126	35228694	82134993	60.335	60.961
16)	A 4,4'-DDD	8.149	9.038	29330247	70102587	58.534	60.426
17)	MA 4,4'-DDT	8.409	9.355	32143499	75403066	58.762	54.210
18)	B Endrin al...	8.480	9.261	28107725	62878355	61.367	60.862
19)	B Endosulfa...	8.711	9.499	32227775	66667574	53.019	51.011
20)	A Methoxychlor	9.005	9.842	20598902	38730195	57.014	53.416
21)	B Endrin ke...	9.229	9.995	41130066	80621506	57.713	55.055
22)	Mirex	9.412	10.459	37112487	62754969	60.097	57.536

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

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 Data File : PL071278.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Dec 2021 19:12
 Operator : AR\AJ
 Sample : M4927-13MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

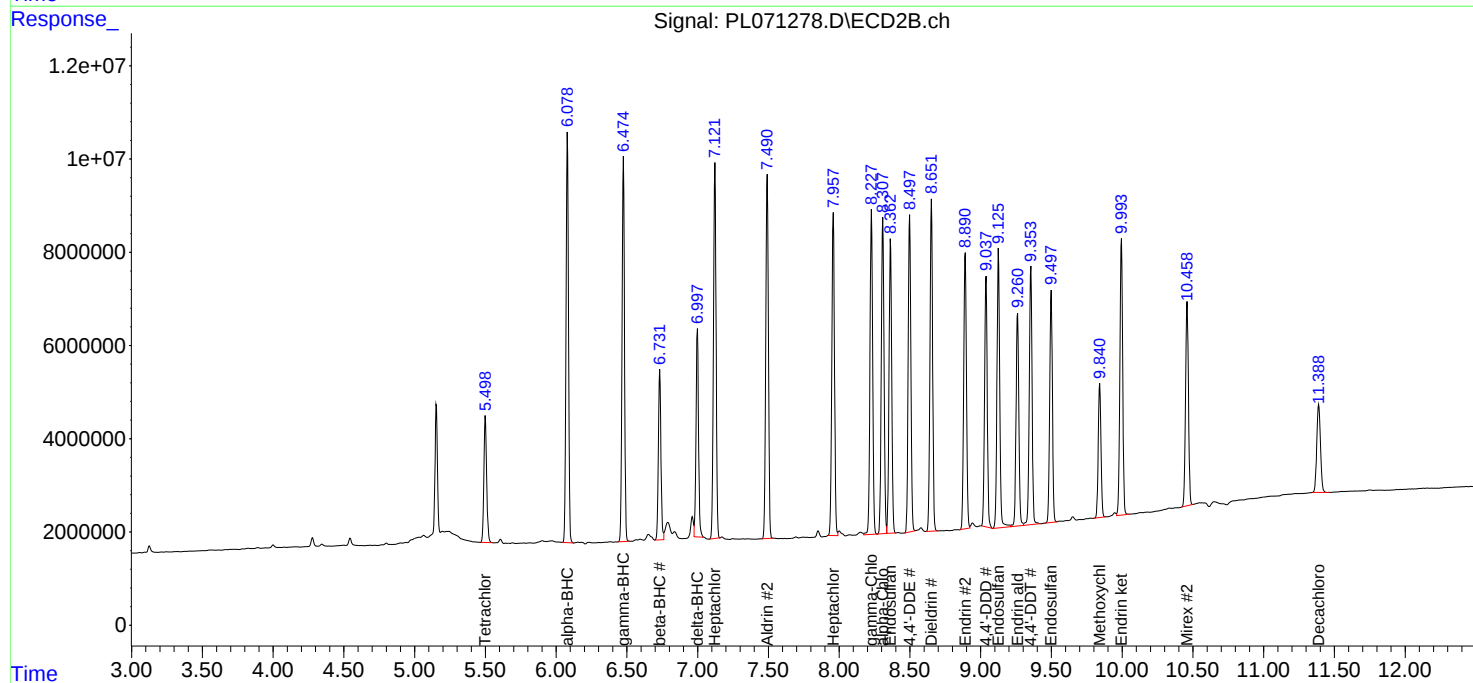
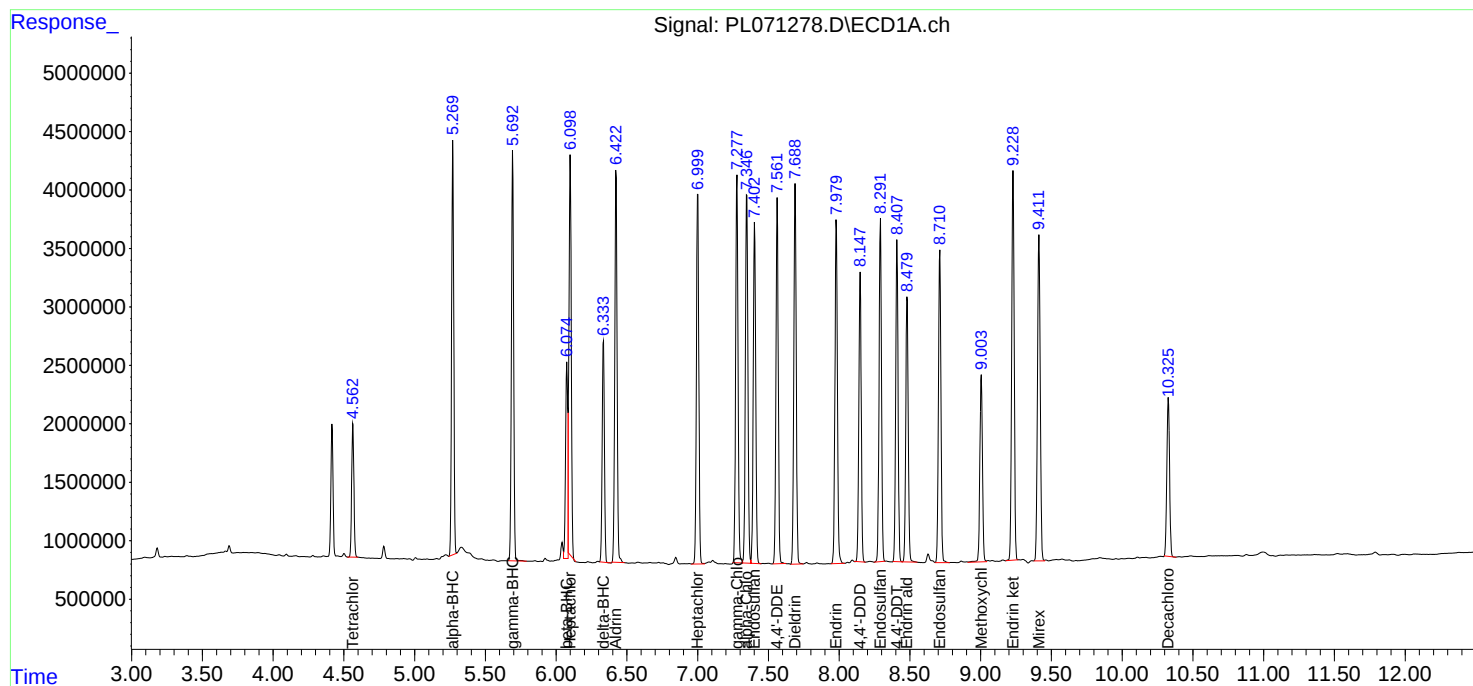
Instrument :
 ECD_L
 ClientSampleId :
 PH1-BOT-14MS

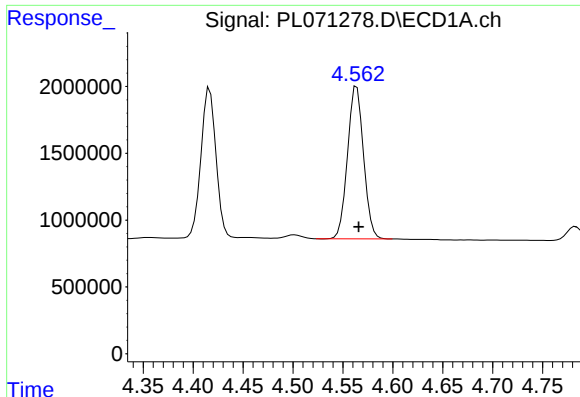
Manual Integrations APPROVED

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 Supervised By : mohammad ahmed 12/06/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 04 00:35:50 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL113021.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 30 16:26:31 2021
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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





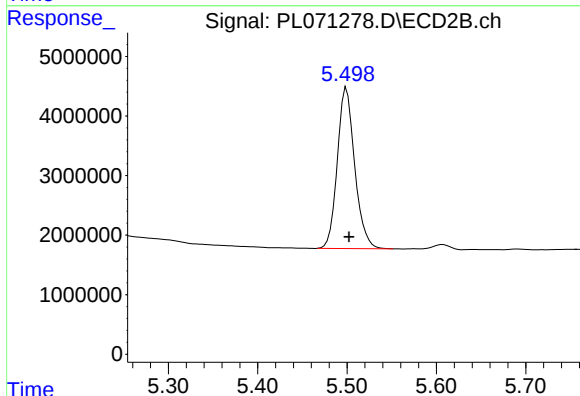
#1 Tetrachloro-m-xylene

R.T.: 4.564 min
Delta R.T.: -0.002 min
Response: 12752254
Conc: 27.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH1-BOT-14MS

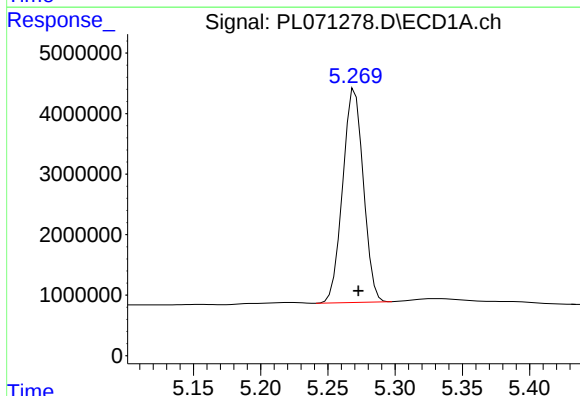
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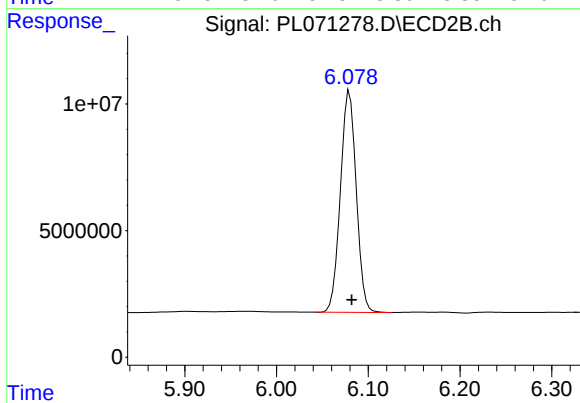
#1 Tetrachloro-m-xylene

R.T.: 5.500 min
Delta R.T.: -0.003 min
Response: 36492024
Conc: 29.08 ng/ml



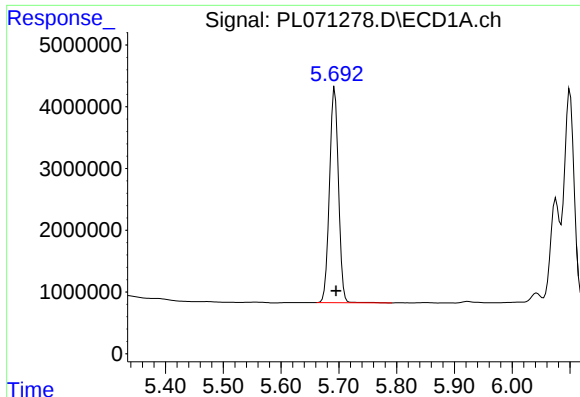
#2 alpha-BHC

R.T.: 5.270 min
Delta R.T.: -0.003 min
Response: 37639422
Conc: 57.58 ng/ml



#2 alpha-BHC

R.T.: 6.080 min
Delta R.T.: -0.002 min
Response: 105004177
Conc: 56.72 ng/ml



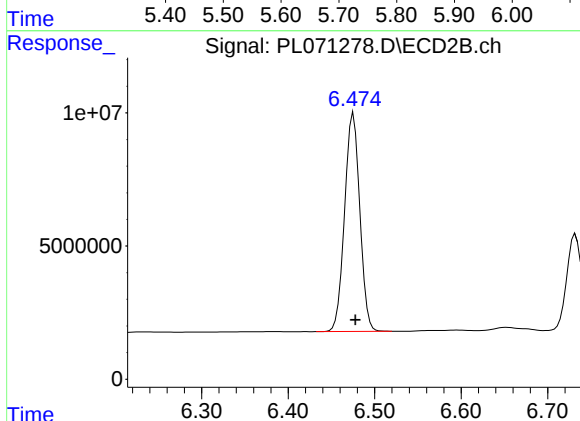
#3 gamma-BHC (Lindane)

R.T.: 5.693 min
Delta R.T.: -0.002 min
Response: 37737985
Conc: 59.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH1-BOT-14MS

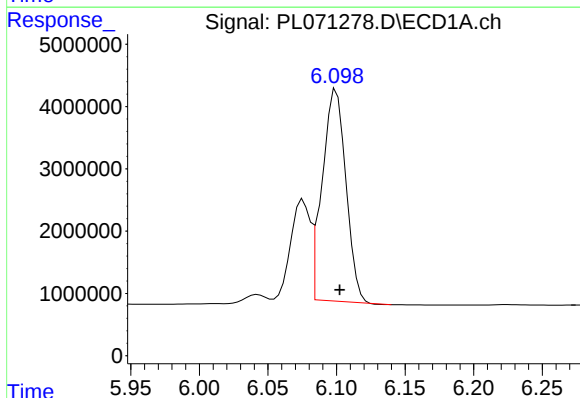
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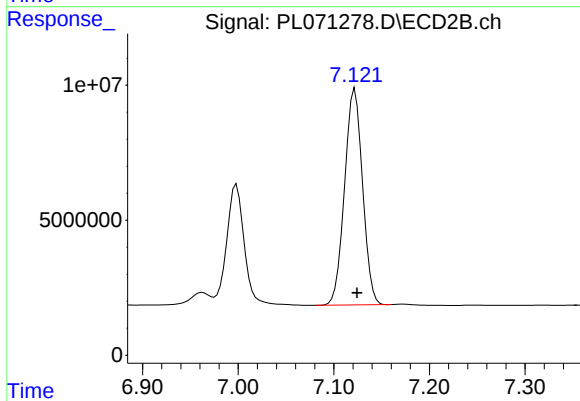
#3 gamma-BHC (Lindane)

R.T.: 6.475 min
Delta R.T.: -0.002 min
Response: 99715304
Conc: 56.65 ng/ml



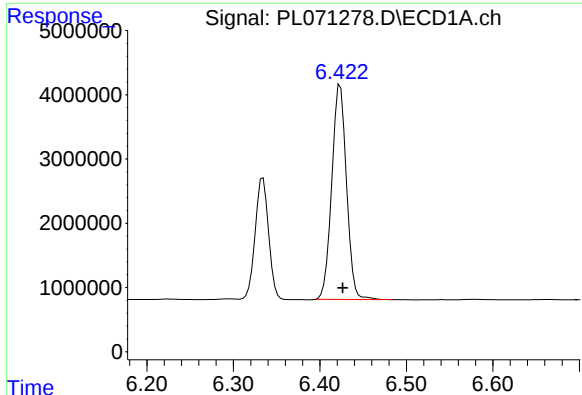
#4 Heptachlor

R.T.: 6.100 min
Delta R.T.: -0.003 min
Response: 40665092
Conc: 58.66 ng/ml



#4 Heptachlor

R.T.: 7.122 min
Delta R.T.: -0.002 min
Response: 105131072
Conc: 57.32 ng/ml



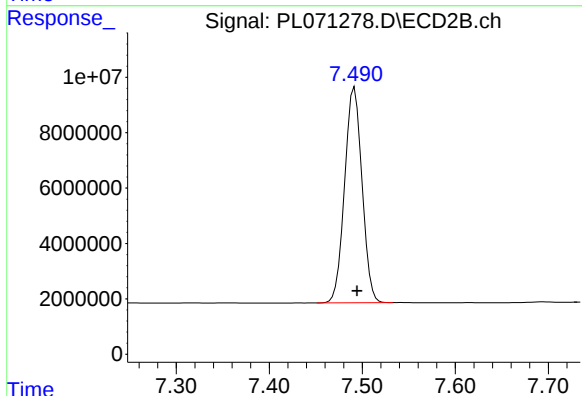
#5 Aldrin

R.T.: 6.424 min
Delta R.T.: -0.003 min
Response: 39383408
Conc: 63.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH1-BOT-14MS

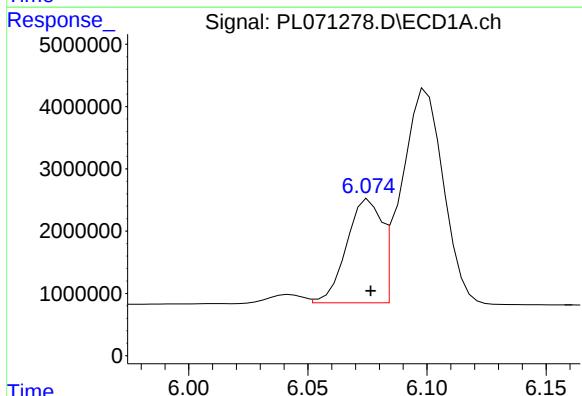
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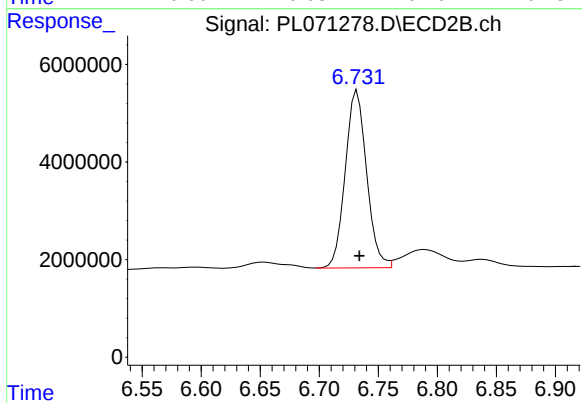
#5 Aldrin

R.T.: 7.492 min
Delta R.T.: -0.003 min
Response: 101113158
Conc: 59.95 ng/ml



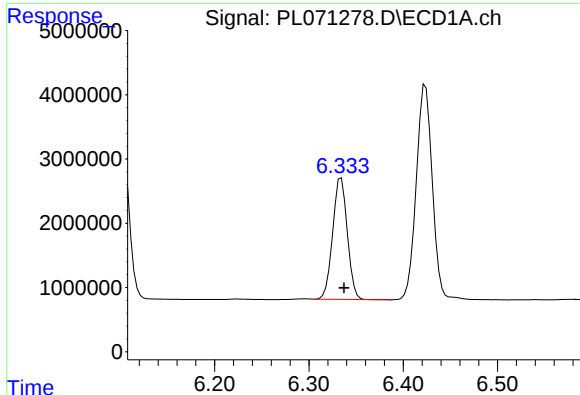
#6 beta-BHC

R.T.: 6.074 min
Delta R.T.: -0.002 min
Response: 15642013
Conc: 51.67 ng/ml m



#6 beta-BHC

R.T.: 6.732 min
Delta R.T.: -0.002 min
Response: 45807348
Conc: 52.05 ng/ml



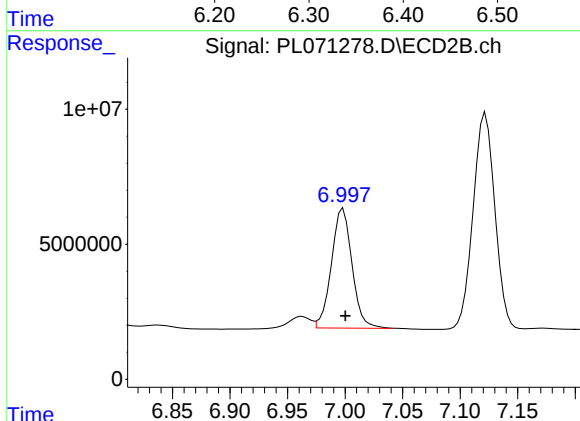
#7 delta-BHC

R.T.: 6.334 min
Delta R.T.: -0.003 min
Response: 20341890
Conc: 31.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH1-BOT-14MS

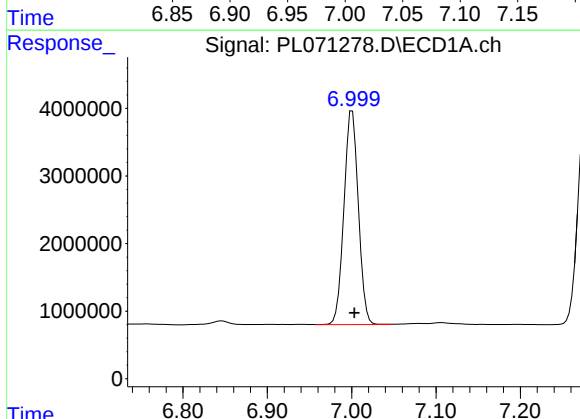
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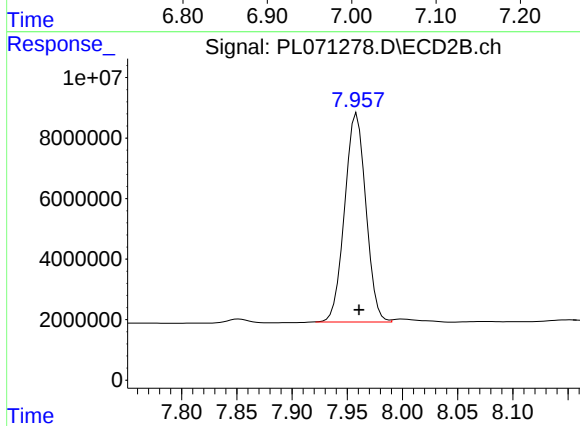
#7 delta-BHC

R.T.: 6.997 min
Delta R.T.: -0.004 min
Response: 55059566
Conc: 32.38 ng/ml m



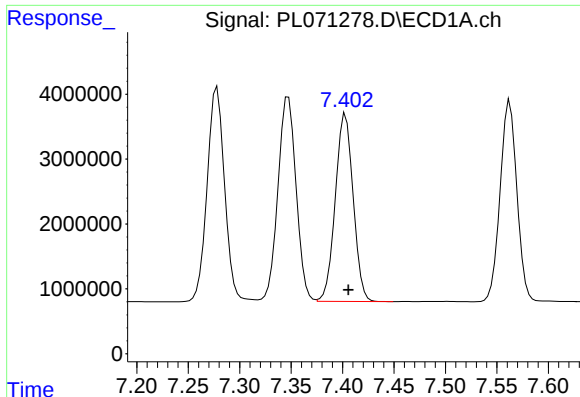
#8 Heptachlor epoxide

R.T.: 7.001 min
Delta R.T.: -0.003 min
Response: 37673409
Conc: 60.44 ng/ml



#8 Heptachlor epoxide

R.T.: 7.959 min
Delta R.T.: -0.002 min
Response: 92377438
Conc: 58.15 ng/ml



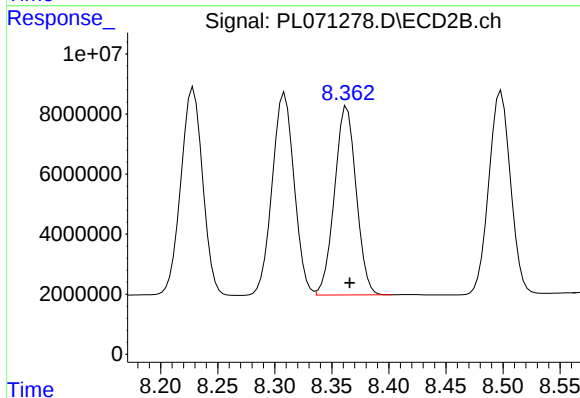
#9 Endosulfan I

R.T.: 7.403 min
Delta R.T.: -0.003 min
Response: 34979103
Conc: 58.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH1-BOT-14MS

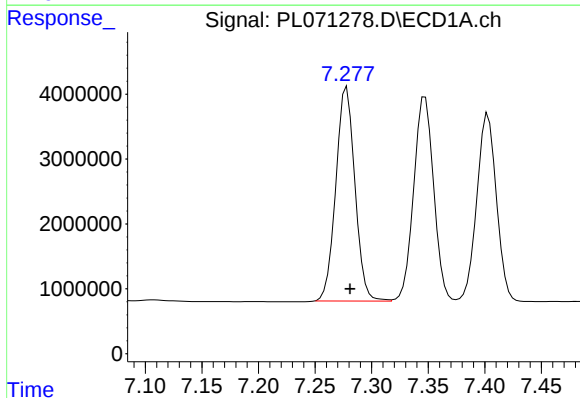
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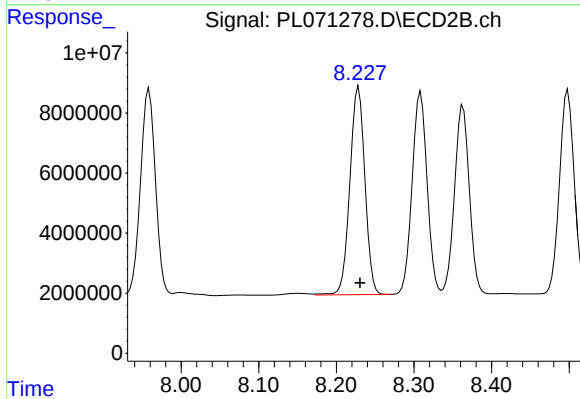
#9 Endosulfan I

R.T.: 8.363 min
Delta R.T.: -0.002 min
Response: 83206743
Conc: 55.07 ng/ml



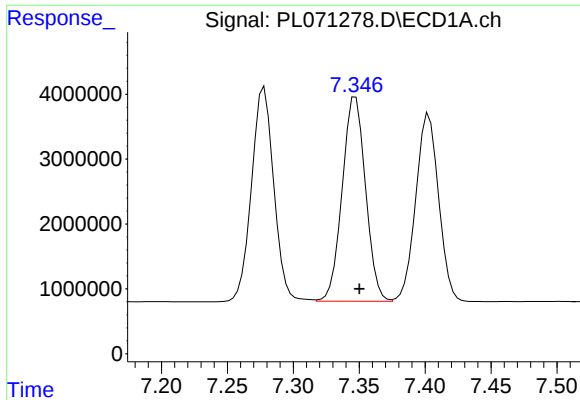
#10 gamma-Chlordane

R.T.: 7.278 min
Delta R.T.: -0.003 min
Response: 38773579
Conc: 61.07 ng/ml



#10 gamma-Chlordane

R.T.: 8.229 min
Delta R.T.: -0.002 min
Response: 93184976
Conc: 58.28 ng/ml



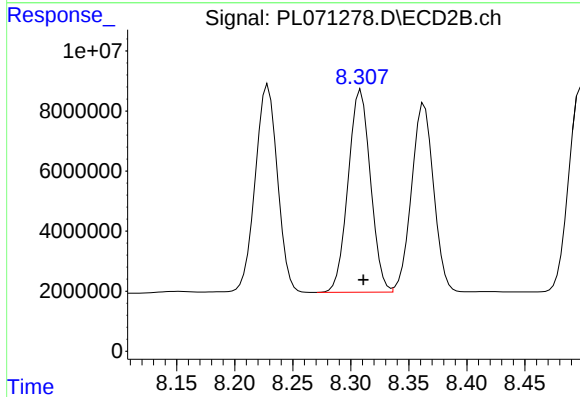
#11 alpha-Chlordane

R.T.: 7.347 min
Delta R.T.: -0.003 min
Response: 38805448
Conc: 60.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH1-BOT-14MS

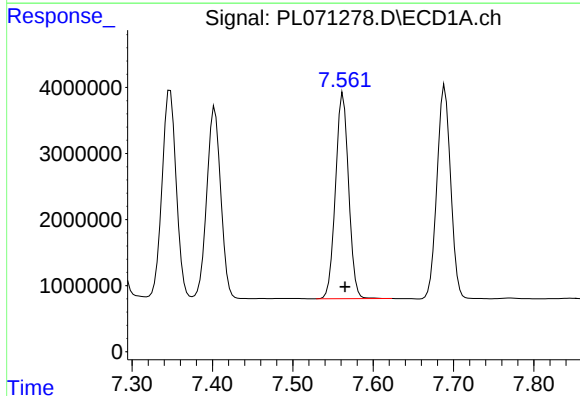
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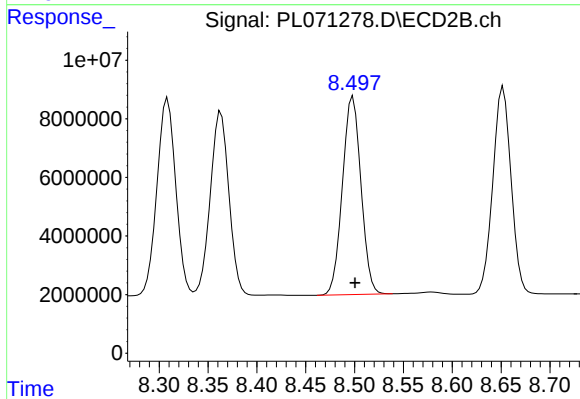
#11 alpha-Chlordane

R.T.: 8.309 min
Delta R.T.: -0.002 min
Response: 90395290
Conc: 56.88 ng/ml



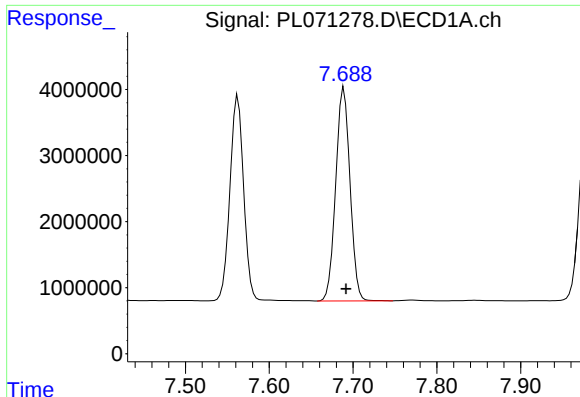
#12 4,4'-DDE

R.T.: 7.563 min
Delta R.T.: -0.002 min
Response: 35298453
Conc: 62.38 ng/ml



#12 4,4'-DDE

R.T.: 8.498 min
Delta R.T.: -0.002 min
Response: 89420469
Conc: 58.08 ng/ml



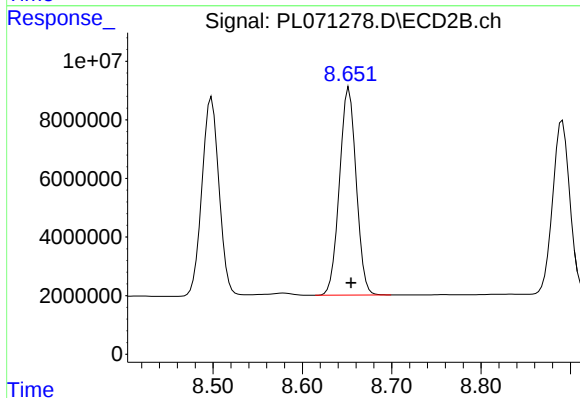
#13 Dieldrin

R.T.: 7.689 min
Delta R.T.: -0.002 min
Response: 38217036
Conc: 63.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH1-BOT-14MS

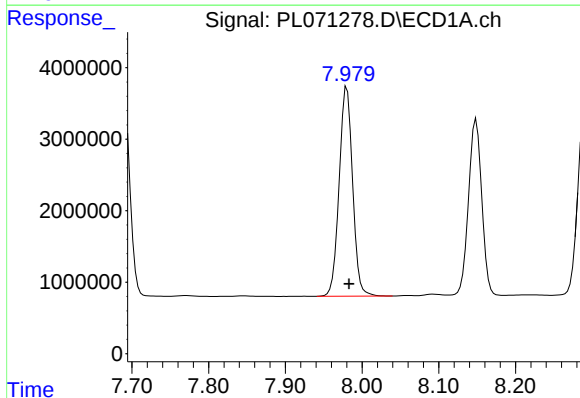
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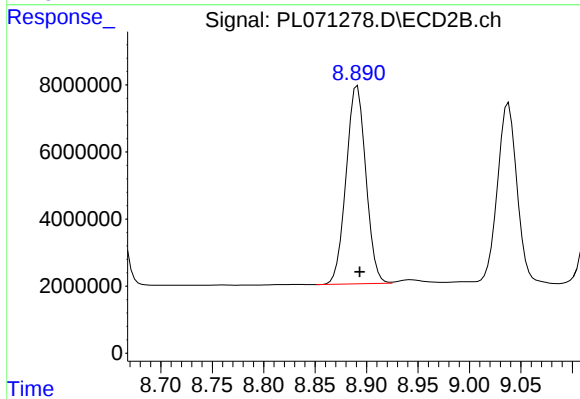
#13 Dieldrin

R.T.: 8.652 min
Delta R.T.: -0.002 min
Response: 92004947
Conc: 59.22 ng/ml



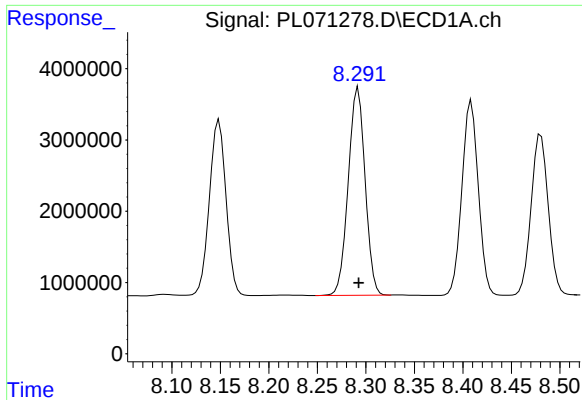
#14 Endrin

R.T.: 7.980 min
Delta R.T.: -0.003 min
Response: 35711917
Conc: 63.14 ng/ml



#14 Endrin

R.T.: 8.891 min
Delta R.T.: -0.002 min
Response: 78910984
Conc: 58.81 ng/ml



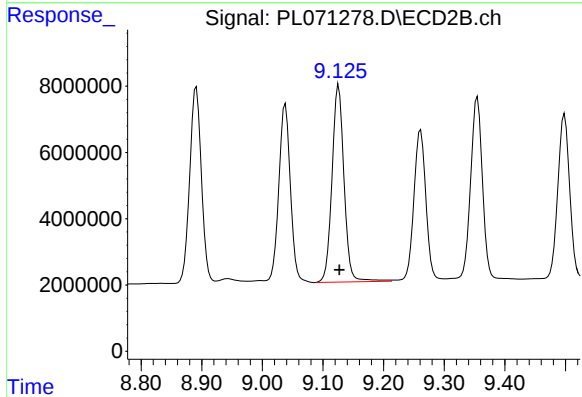
#15 Endosulfan II

R.T.: 8.292 min
Delta R.T.: 0.000 min
Response: 35228694
Conc: 60.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH1-BOT-14MS

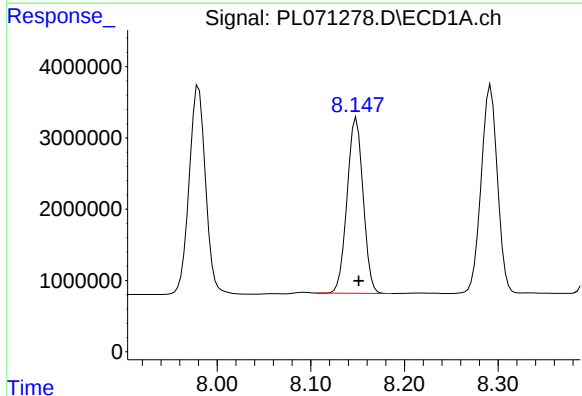
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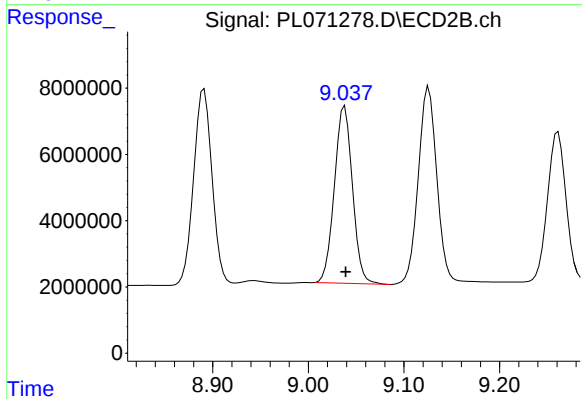
#15 Endosulfan II

R.T.: 9.126 min
Delta R.T.: -0.001 min
Response: 82134993
Conc: 60.96 ng/ml



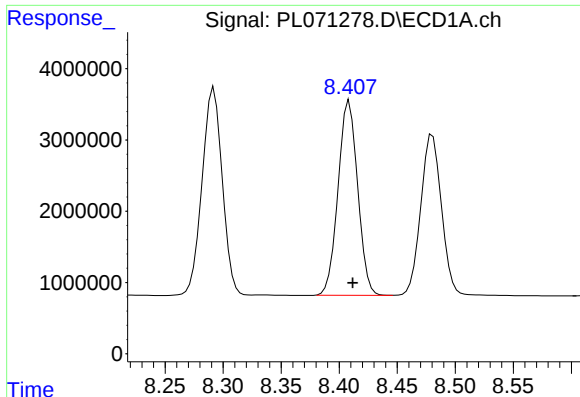
#16 4,4'-DDD

R.T.: 8.149 min
Delta R.T.: -0.002 min
Response: 29330247
Conc: 58.53 ng/ml



#16 4,4'-DDD

R.T.: 9.038 min
Delta R.T.: -0.001 min
Response: 70102587
Conc: 60.43 ng/ml



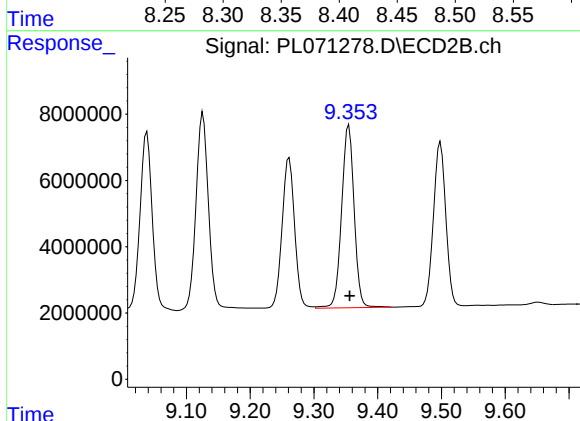
#17 4,4'-DDT

R.T.: 8.409 min
Delta R.T.: -0.003 min
Response: 32143499
Conc: 58.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH1-BOT-14MS

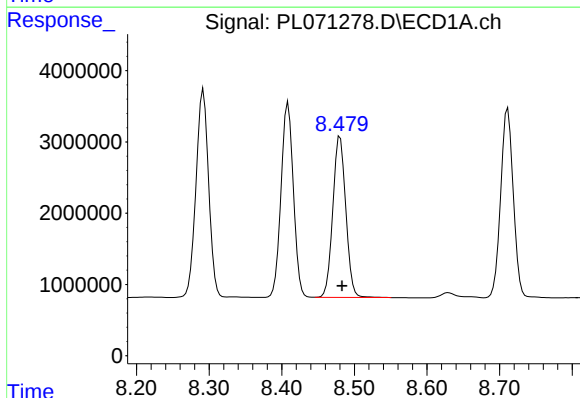
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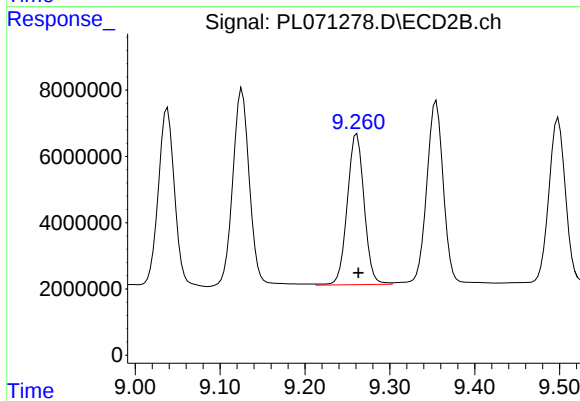
#17 4,4'-DDT

R.T.: 9.355 min
Delta R.T.: -0.002 min
Response: 75403066
Conc: 54.21 ng/ml



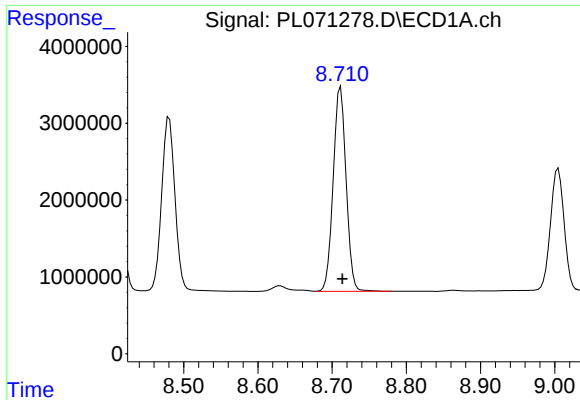
#18 Endrin aldehyde

R.T.: 8.480 min
Delta R.T.: -0.003 min
Response: 28107725
Conc: 61.37 ng/ml



#18 Endrin aldehyde

R.T.: 9.261 min
Delta R.T.: -0.002 min
Response: 62878355
Conc: 60.86 ng/ml



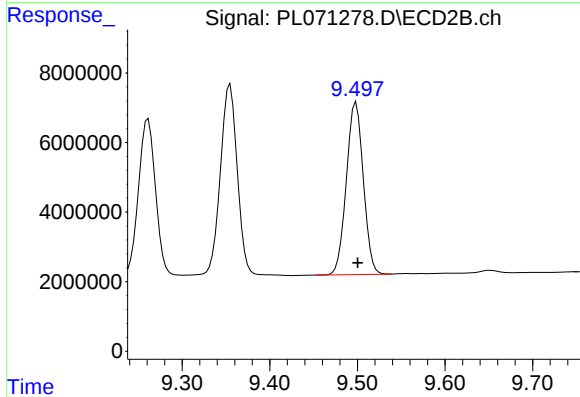
#19 Endosulfan Sulfate

R.T.: 8.711 min
Delta R.T.: -0.002 min
Response: 32227775
Conc: 53.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH1-BOT-14MS

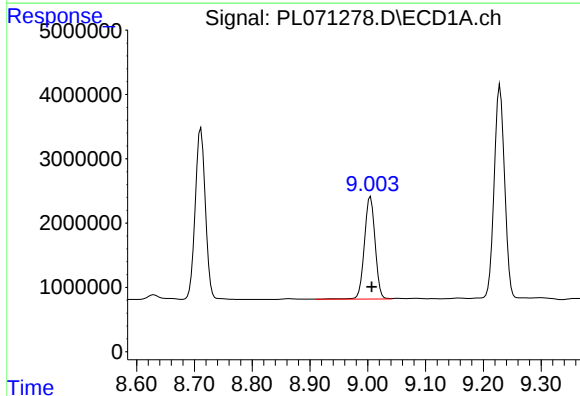
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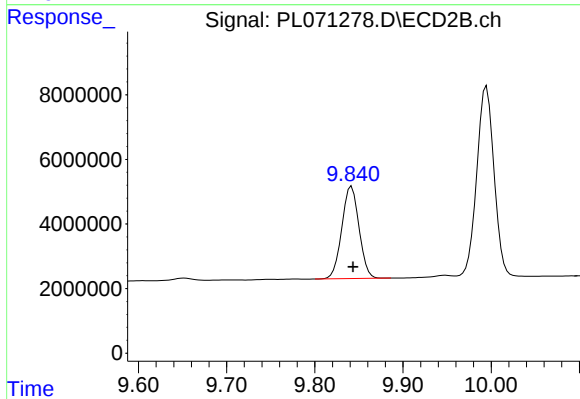
#19 Endosulfan Sulfate

R.T.: 9.499 min
Delta R.T.: -0.002 min
Response: 66667574
Conc: 51.01 ng/ml



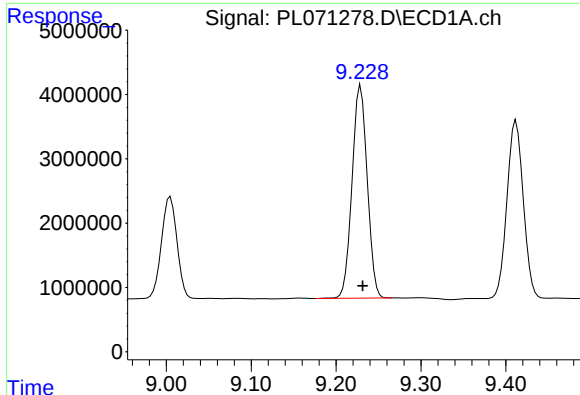
#20 Methoxychlor

R.T.: 9.005 min
Delta R.T.: -0.002 min
Response: 20598902
Conc: 57.01 ng/ml



#20 Methoxychlor

R.T.: 9.842 min
Delta R.T.: -0.002 min
Response: 38730195
Conc: 53.42 ng/ml



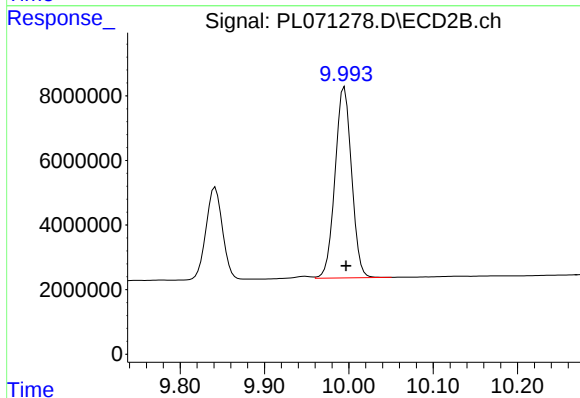
#21 Endrin ketone

R.T.: 9.229 min
Delta R.T.: -0.002 min
Response: 41130066
Conc: 57.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH1-BOT-14MS

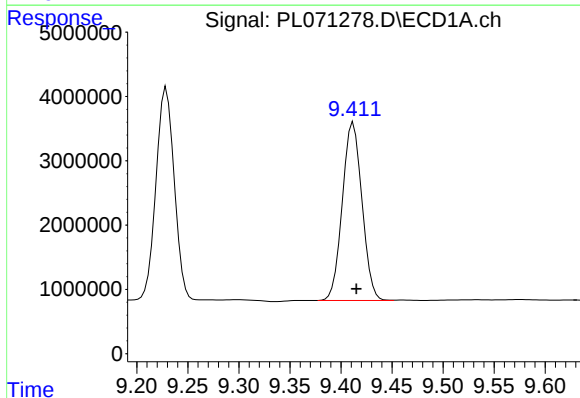
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/06/2021
Supervised By :mohammad ahmed 12/06/2021



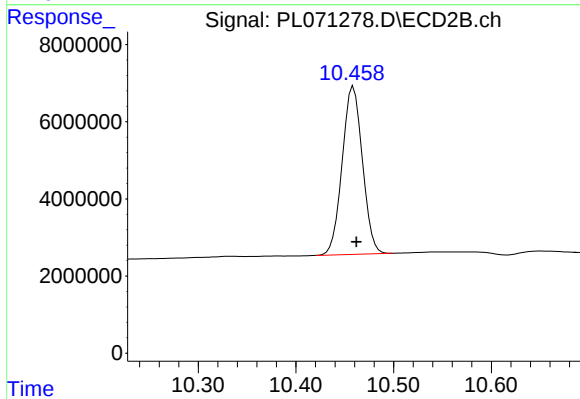
#21 Endrin ketone

R.T.: 9.995 min
Delta R.T.: -0.002 min
Response: 80621506
Conc: 55.06 ng/ml



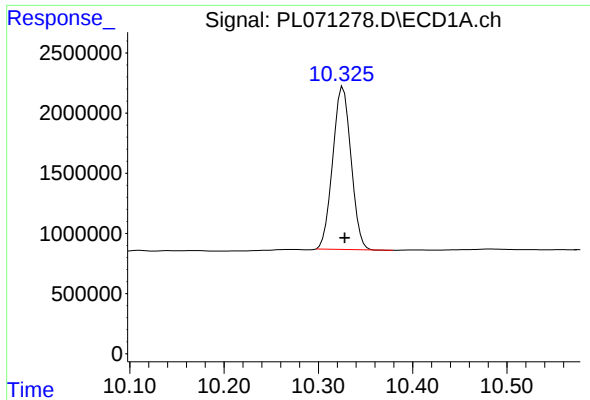
#22 Mirex

R.T.: 9.412 min
Delta R.T.: -0.003 min
Response: 37112487
Conc: 60.10 ng/ml



#22 Mirex

R.T.: 10.459 min
Delta R.T.: -0.003 min
Response: 62754969
Conc: 57.54 ng/ml



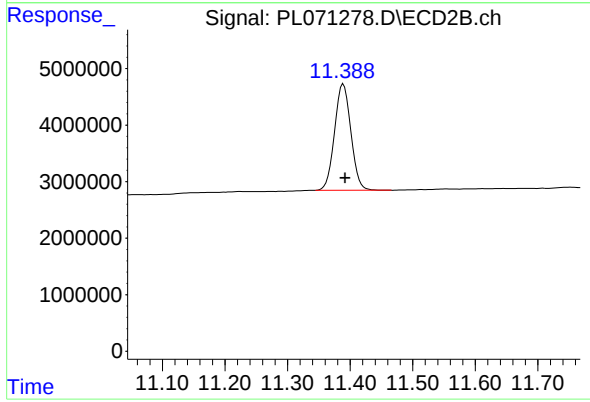
#28 Decachlorobiphenyl

R.T.: 10.326 min
Delta R.T.: -0.002 min
Response: 18227308
Conc: 25.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH1-BOT-14MS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/06/2021
Supervised By :mohammad ahmed 12/06/2021



#28 Decachlorobiphenyl

R.T.: 11.389 min
Delta R.T.: -0.003 min
Response: 34185134
Conc: 24.59 ng/ml