

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121521\
 Data File : PL071470.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Dec 2021 19:40
 Operator : AR\AJ
 Sample : M5089-02MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MS-1MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/16/2021
 Supervised By : Ankita Jodhani 12/16/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 16 00:39:18 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121421.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 14 14:29:34 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...	4.560	5.497	9638420	29582198	20.334	24.832
28)	SA Decachlor...	10.318	11.383	12675877	23755210	19.079	21.864
Target Compounds							
2)	A alpha-BHC	5.266	6.077	30496840	86522183	47.953	50.313
3)	MA gamma-BHC...	5.688	6.473	31819710	78936322	48.696	49.456
4)	MA Heptachlor	6.095	7.118	34460842	80038494	49.883	50.142
5)	MB Aldrin	6.418	7.488	32591361	77472029	52.927	53.043
6)	B beta-BHC	6.072	6.730	14972189	35918047	52.432	44.872
7)	B delta-BHC	6.330	6.994	13212087	38023939	21.125	24.886m
8)	B Heptachlo...	6.995	7.955	30792645	66868316	50.311	49.849
9)	A Endosulfan I	7.397	8.360	27284139	62399301	46.997	51.989
10)	B gamma-Chl...	7.270	8.225	31712053	72470590	51.090m	56.047
11)	B alpha-Chl...	7.342	8.305	31188693	68555539	50.005	53.957
12)	B 4,4'-DDE	7.556	8.494	29001021	56135104	53.141	47.126
13)	MA Dieldrin	7.683	8.648	32758181	65247289	55.939	53.666
14)	MA Endrin	7.974	8.887	29346670	54389785	53.580	53.686
15)	B Endosulfa...	8.286	9.122	30443971	62766886	55.858	62.199
16)	A 4,4'-DDD	8.141	9.033	22547387	59737042	47.905m	67.675m#
17)	MA 4,4'-DDT	8.402	9.351	21829213	48805090	42.774	49.355
18)	B Endrin al...	8.474	9.257	23063131	43987382	54.234	58.396
19)	B Endosulfa...	8.705	9.495	26058860	45456424	45.390	46.379
20)	A Methoxychlor	8.997	9.837	16252800	27462654	50.179m	54.709
21)	B Endrin ke...	9.222	9.991	31713952	58078425	48.084	55.230
22)	Mirex	9.404	10.454	29940838	56475632	51.606m	70.169 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121521\
 Data File : PL071470.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Dec 2021 19:40
 Operator : AR\AJ
 Sample : M5089-02MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

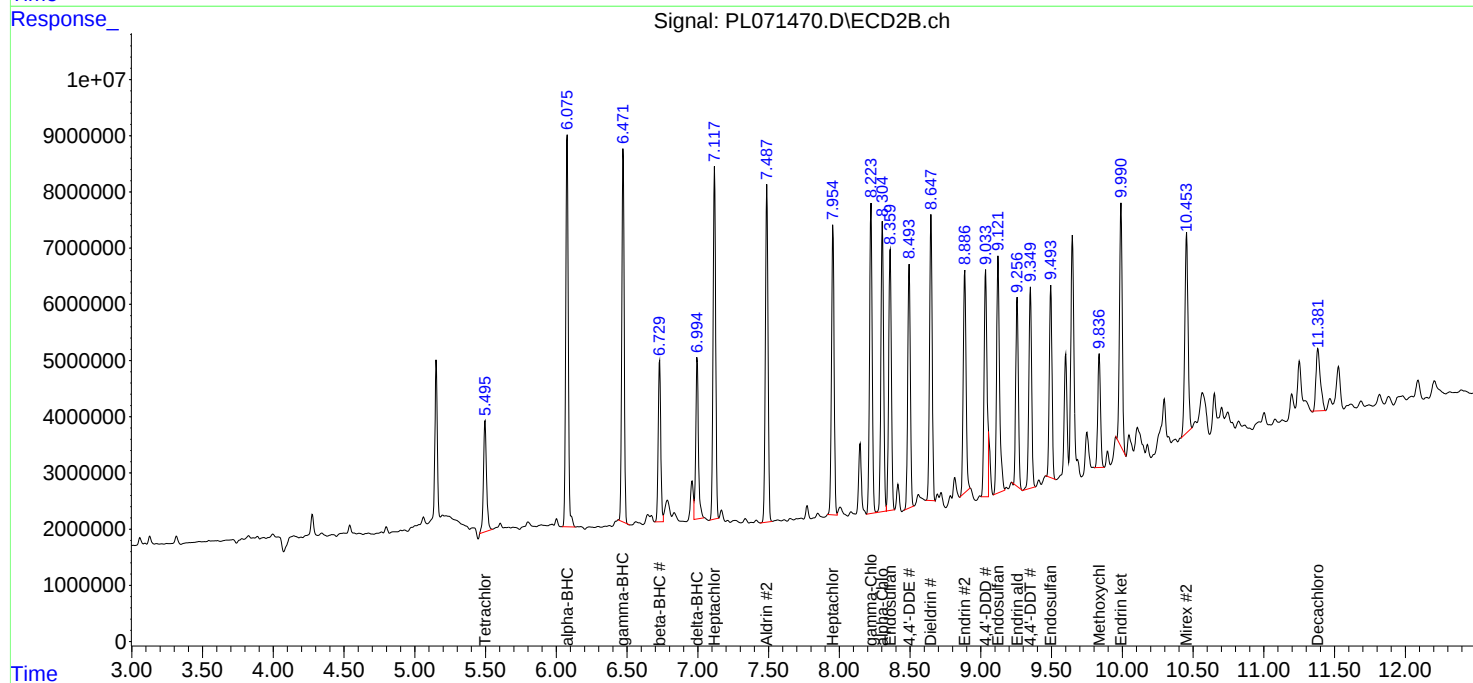
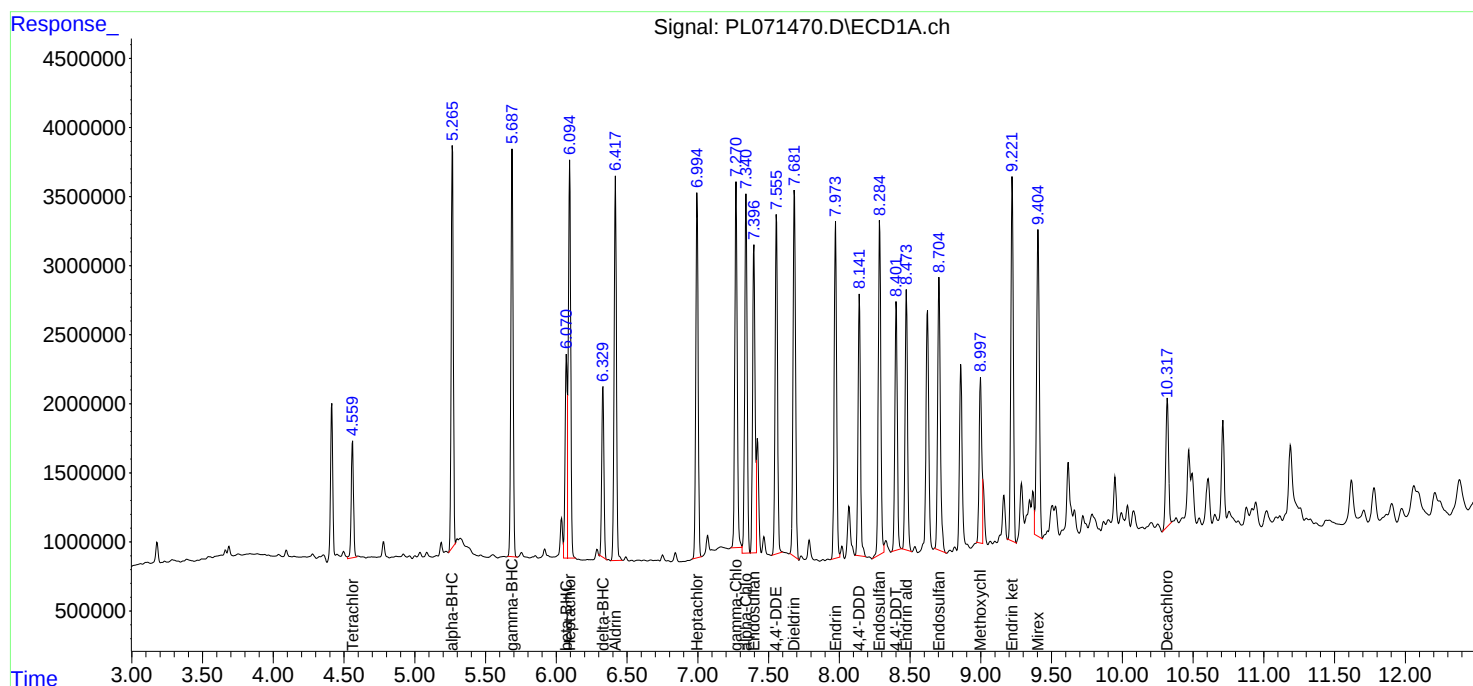
Instrument :
 ECD_L
 ClientSampleId :
 MS-1MS

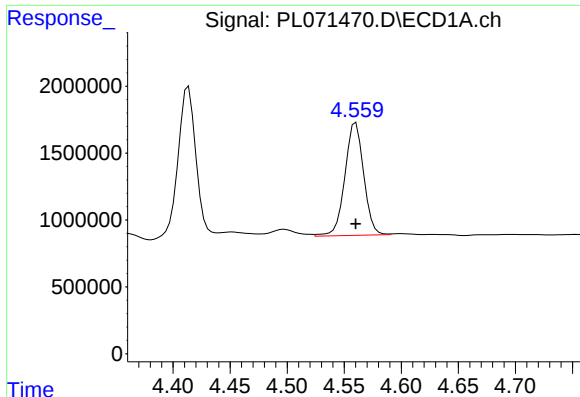
Manual Integrations APPROVED

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 Supervised By :Ankita Jodhani 12/16/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 16 00:39:18 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121421.M
 Quant Title : GC Extractables
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Volume Inj. : 1 µl
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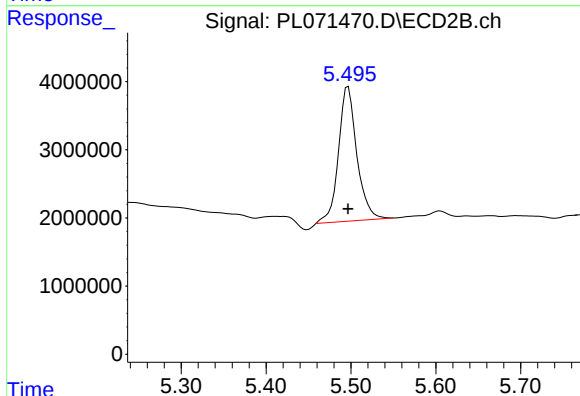
#1 Tetrachloro-m-xylene

R.T.: 4.560 min
Delta R.T.: 0.000 min
Response: 9638420
Conc: 20.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
MS-1MS

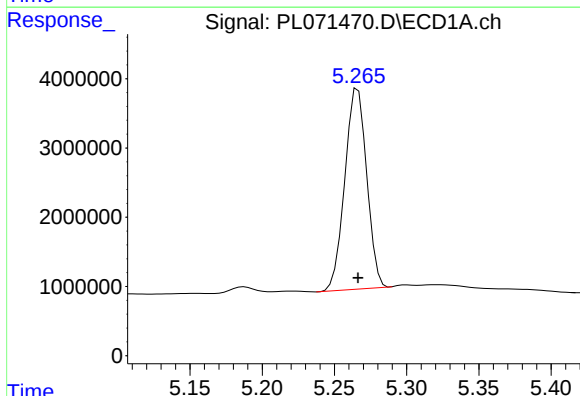
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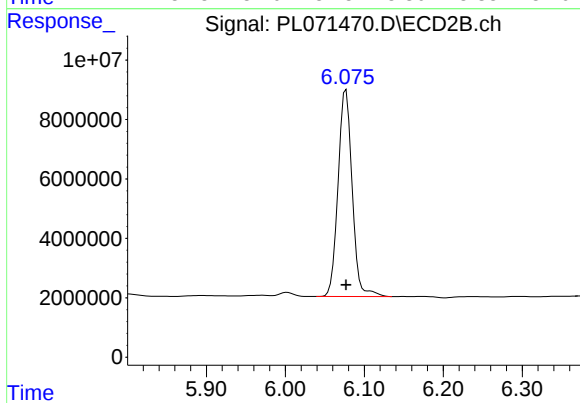
#1 Tetrachloro-m-xylene

R.T.: 5.497 min
Delta R.T.: 0.000 min
Response: 29582198
Conc: 24.83 ng/ml



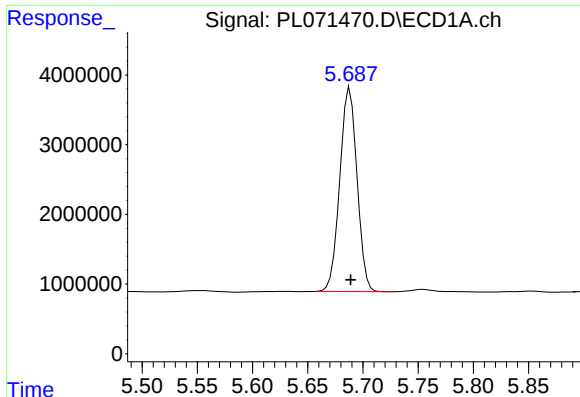
#2 alpha-BHC

R.T.: 5.266 min
Delta R.T.: 0.000 min
Response: 30496840
Conc: 47.95 ng/ml



#2 alpha-BHC

R.T.: 6.077 min
Delta R.T.: 0.000 min
Response: 86522183
Conc: 50.31 ng/ml



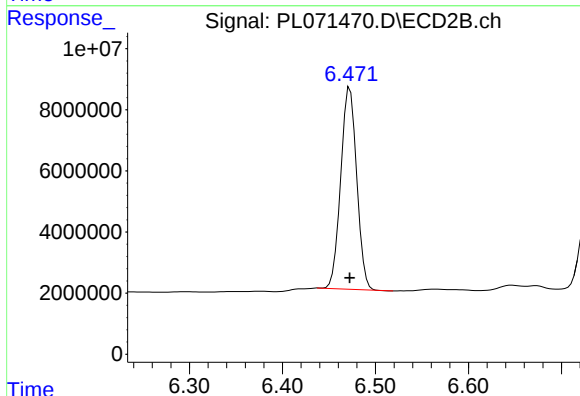
#3 gamma-BHC (Lindane)

R.T.: 5.688 min
Delta R.T.: 0.000 min
Response: 31819710
Conc: 48.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
MS-1MS

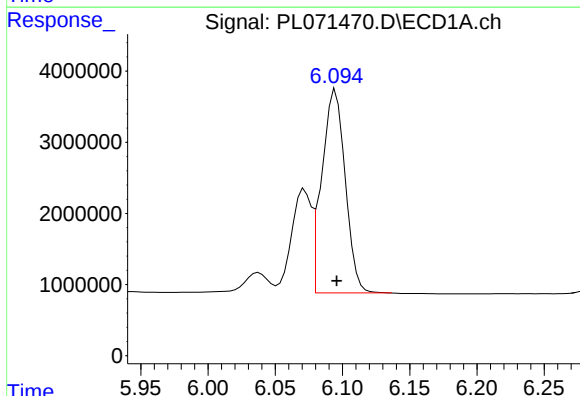
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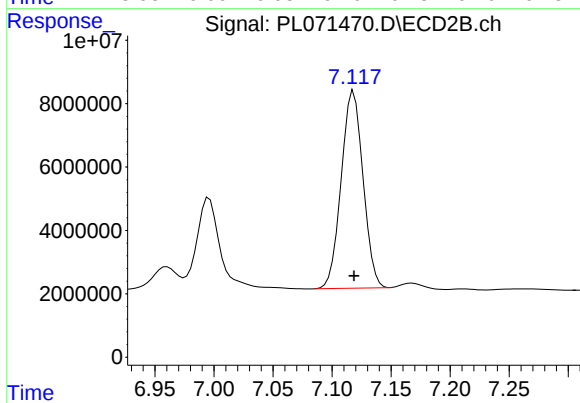
#3 gamma-BHC (Lindane)

R.T.: 6.473 min
Delta R.T.: 0.000 min
Response: 78936322
Conc: 49.46 ng/ml



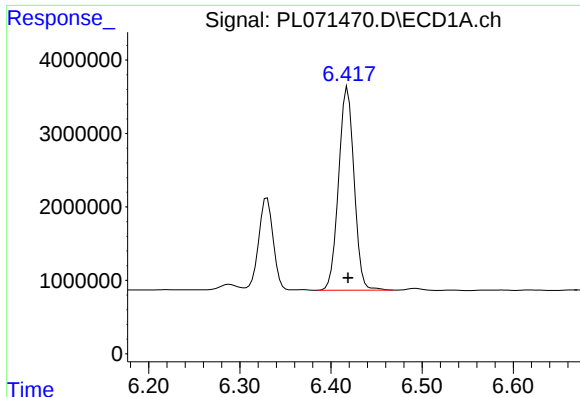
#4 Heptachlor

R.T.: 6.095 min
Delta R.T.: 0.000 min
Response: 34460842
Conc: 49.88 ng/ml



#4 Heptachlor

R.T.: 7.118 min
Delta R.T.: 0.000 min
Response: 80038494
Conc: 50.14 ng/ml



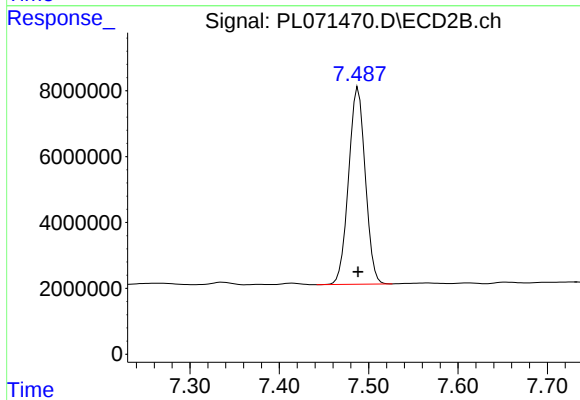
#5 Aldrin

R.T.: 6.418 min
Delta R.T.: 0.000 min
Response: 32591361
Conc: 52.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
MS-1MS

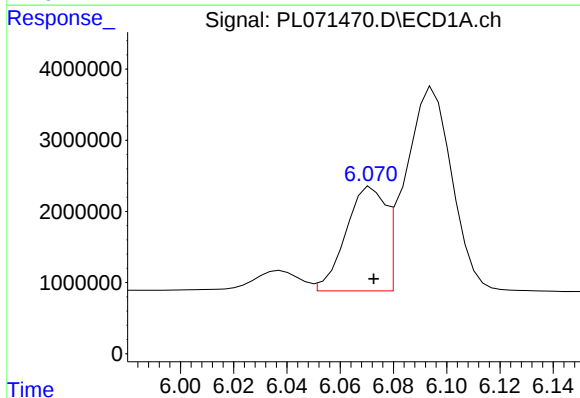
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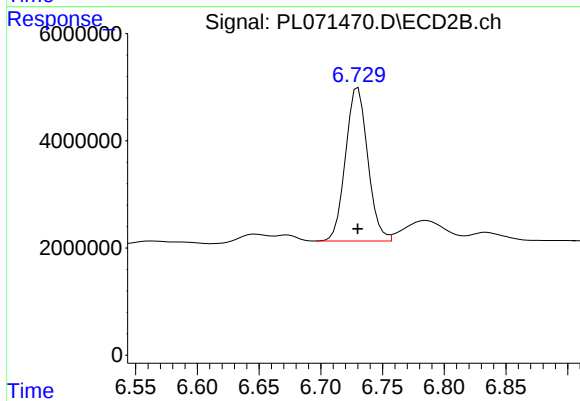
#5 Aldrin

R.T.: 7.488 min
Delta R.T.: 0.000 min
Response: 77472029
Conc: 53.04 ng/ml



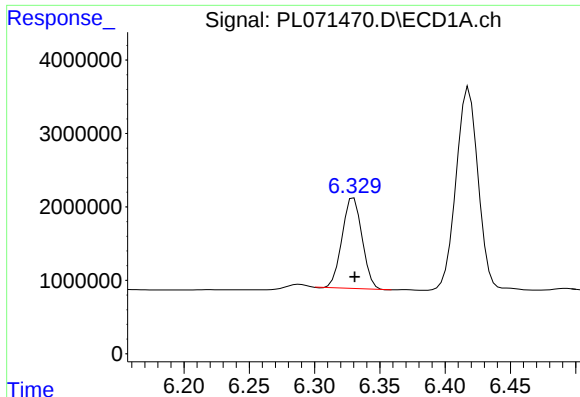
#6 beta-BHC

R.T.: 6.072 min
Delta R.T.: 0.000 min
Response: 14972189
Conc: 52.43 ng/ml



#6 beta-BHC

R.T.: 6.730 min
Delta R.T.: 0.000 min
Response: 35918047
Conc: 44.87 ng/ml



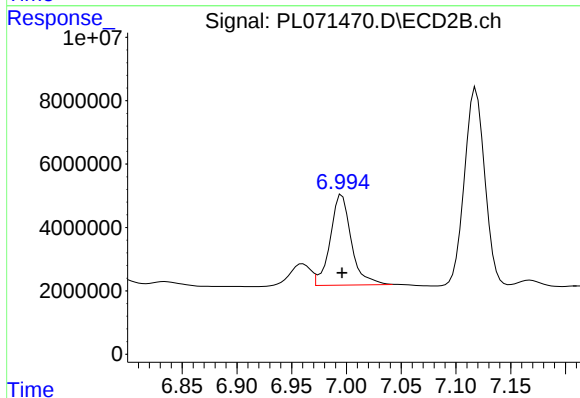
#7 delta-BHC

R.T.: 6.330 min
Delta R.T.: 0.000 min
Response: 13212087
Conc: 21.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
MS-1MS

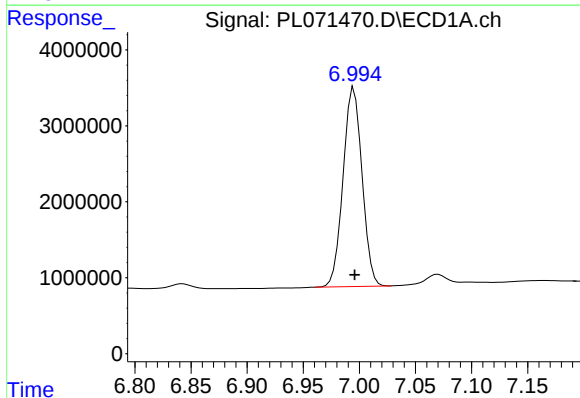
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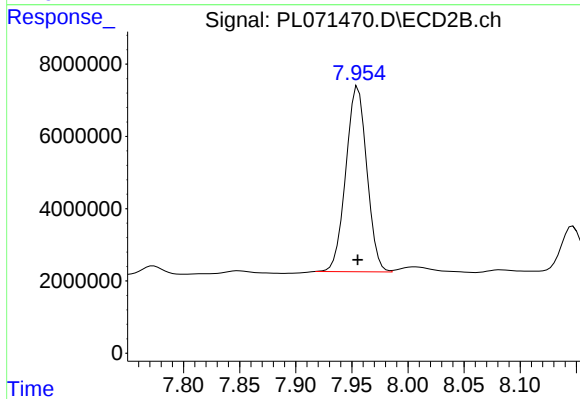
#7 delta-BHC

R.T.: 6.994 min
Delta R.T.: -0.001 min
Response: 38023939
Conc: 24.89 ng/ml m



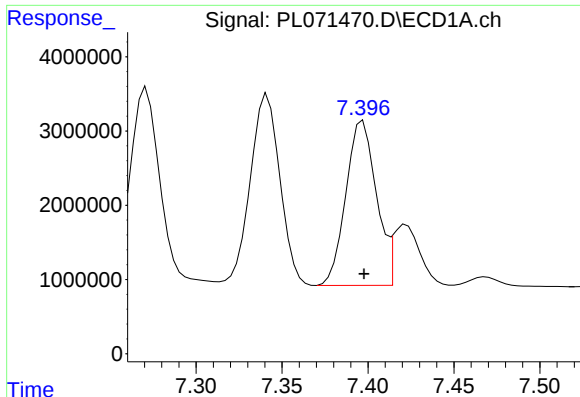
#8 Heptachlor epoxide

R.T.: 6.995 min
Delta R.T.: 0.000 min
Response: 30792645
Conc: 50.31 ng/ml



#8 Heptachlor epoxide

R.T.: 7.955 min
Delta R.T.: 0.000 min
Response: 66868316
Conc: 49.85 ng/ml



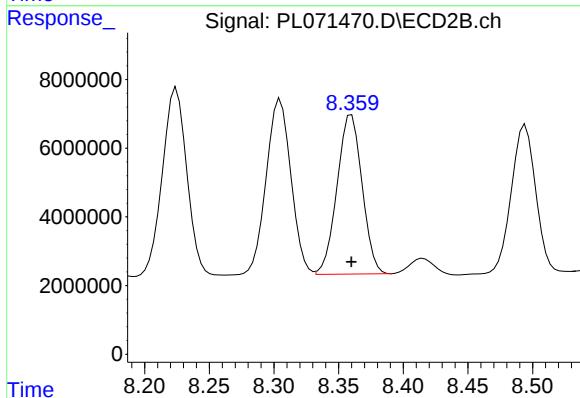
#9 Endosulfan I

R.T.: 7.397 min
Delta R.T.: 0.000 min
Response: 27284139
Conc: 47.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
MS-1MS

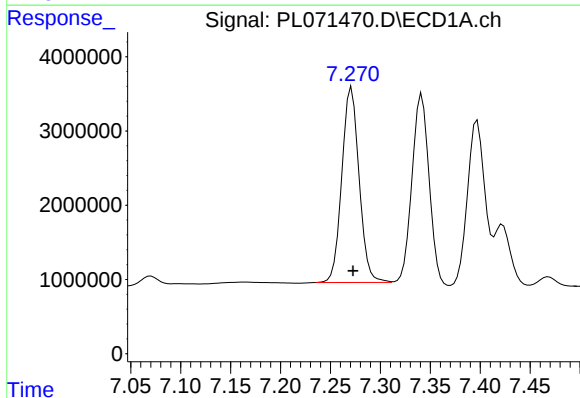
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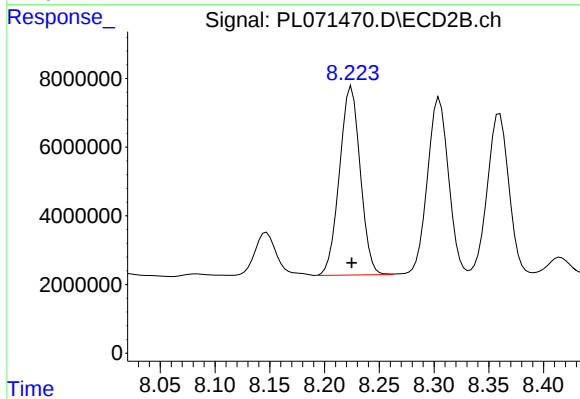
#9 Endosulfan I

R.T.: 8.360 min
Delta R.T.: 0.000 min
Response: 62399301
Conc: 51.99 ng/ml



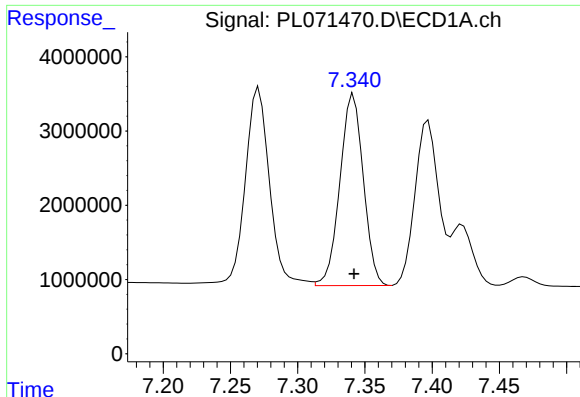
#10 gamma-Chlordane

R.T.: 7.270 min
Delta R.T.: -0.003 min
Response: 31712053
Conc: 51.09 ng/ml m



#10 gamma-Chlordane

R.T.: 8.225 min
Delta R.T.: 0.000 min
Response: 72470590
Conc: 56.05 ng/ml



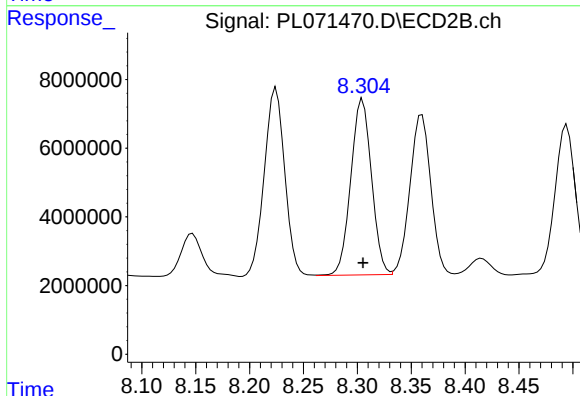
#11 alpha-Chlordane

R.T.: 7.342 min
Delta R.T.: 0.000 min
Response: 31188693
Conc: 50.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
MS-1MS

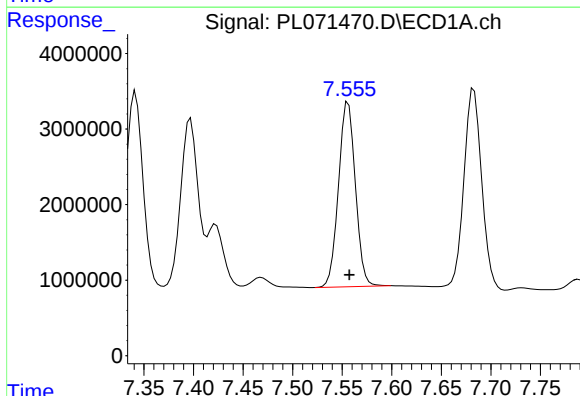
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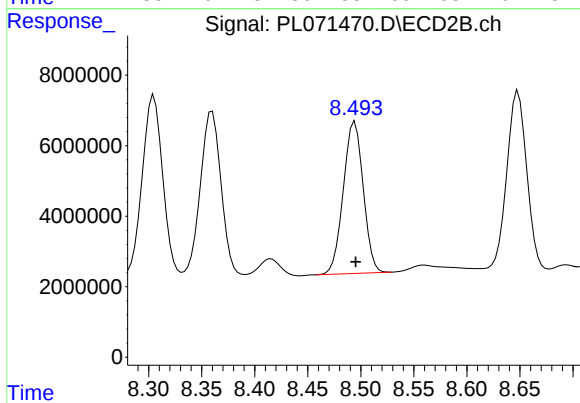
#11 alpha-Chlordane

R.T.: 8.305 min
Delta R.T.: 0.000 min
Response: 68555539
Conc: 53.96 ng/ml



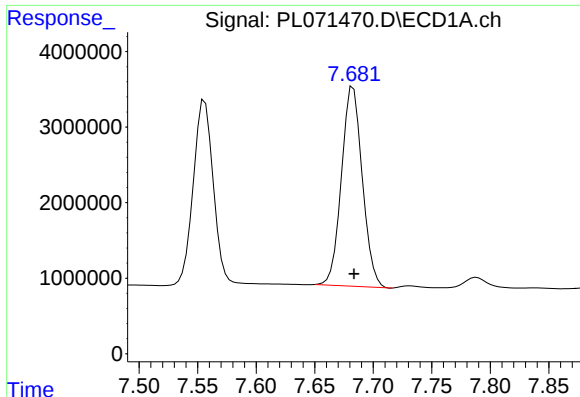
#12 4,4'-DDE

R.T.: 7.556 min
Delta R.T.: -0.001 min
Response: 29001021
Conc: 53.14 ng/ml



#12 4,4'-DDE

R.T.: 8.494 min
Delta R.T.: 0.000 min
Response: 56135104
Conc: 47.13 ng/ml



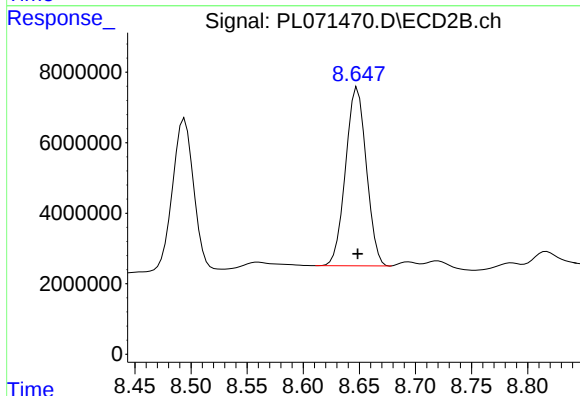
#13 Dieldrin

R.T.: 7.683 min
Delta R.T.: 0.000 min
Response: 32758181
Conc: 55.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
MS-1MS

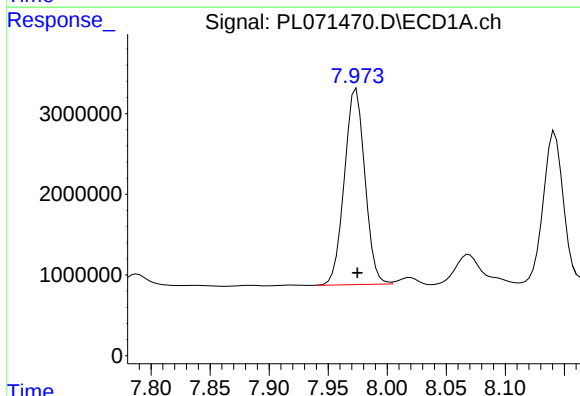
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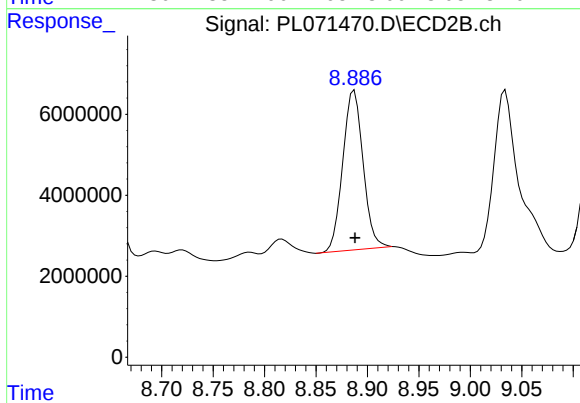
#13 Dieldrin

R.T.: 8.648 min
Delta R.T.: 0.000 min
Response: 65247289
Conc: 53.67 ng/ml



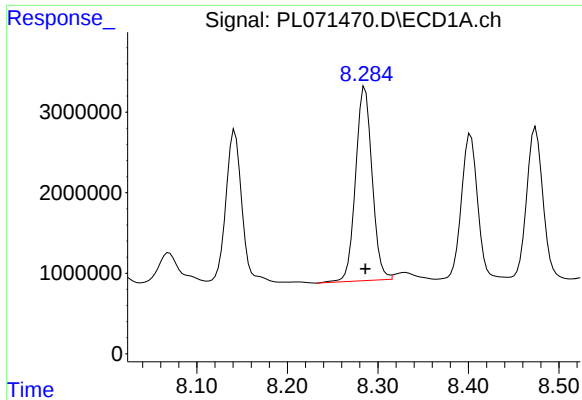
#14 Endrin

R.T.: 7.974 min
Delta R.T.: -0.001 min
Response: 29346670
Conc: 53.58 ng/ml



#14 Endrin

R.T.: 8.887 min
Delta R.T.: 0.000 min
Response: 54389785
Conc: 53.69 ng/ml



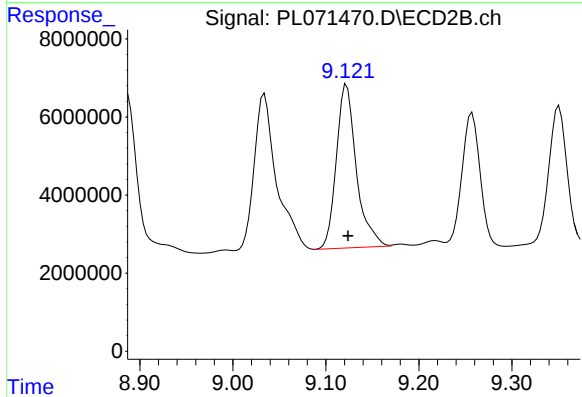
#15 Endosulfan II

R.T.: 8.286 min
Delta R.T.: 0.000 min
Response: 30443971
Conc: 55.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
MS-1MS

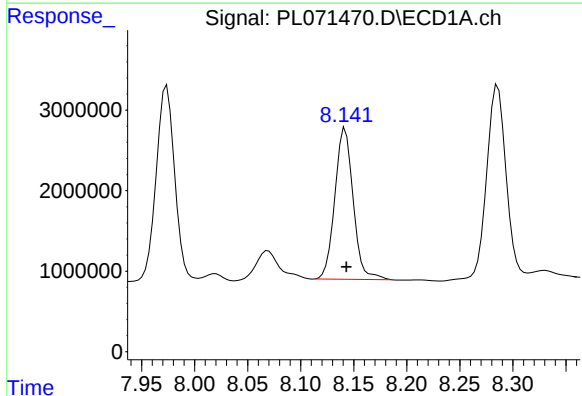
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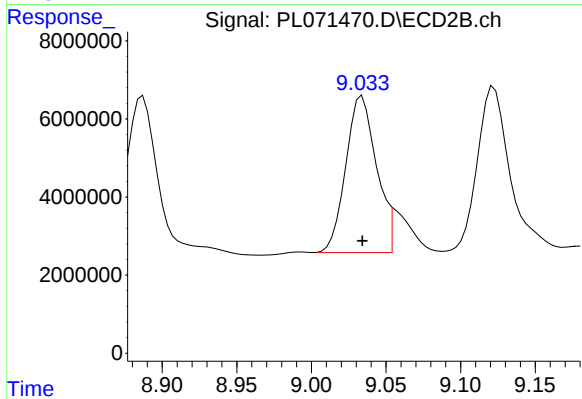
#15 Endosulfan II

R.T.: 9.122 min
Delta R.T.: -0.001 min
Response: 62766886
Conc: 62.20 ng/ml



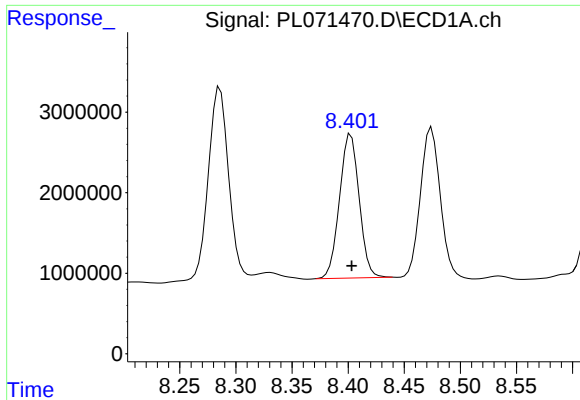
#16 4,4'-DDD

R.T.: 8.141 min
Delta R.T.: -0.002 min
Response: 22547387
Conc: 47.90 ng/ml m



#16 4,4'-DDD

R.T.: 9.033 min
Delta R.T.: -0.001 min
Response: 59737042
Conc: 67.68 ng/ml m



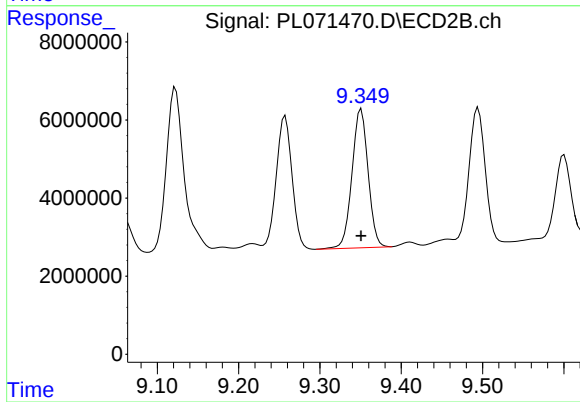
#17 4,4'-DDT

R.T.: 8.402 min
Delta R.T.: 0.000 min
Response: 21829213
Conc: 42.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
MS-1MS

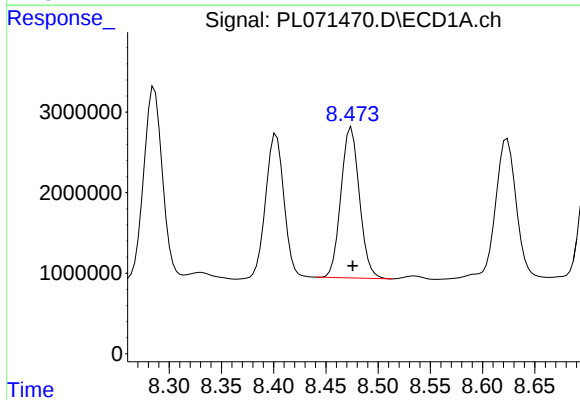
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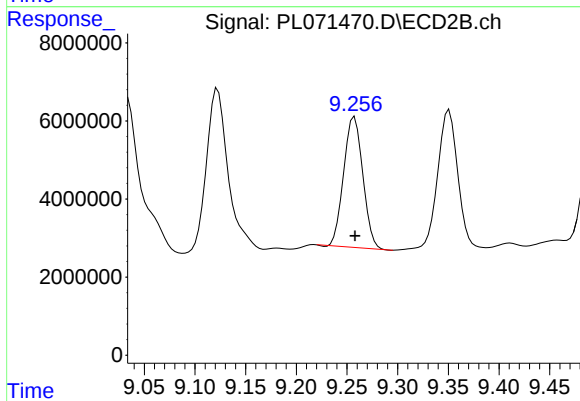
#17 4,4'-DDT

R.T.: 9.351 min
Delta R.T.: 0.000 min
Response: 48805090
Conc: 49.36 ng/ml



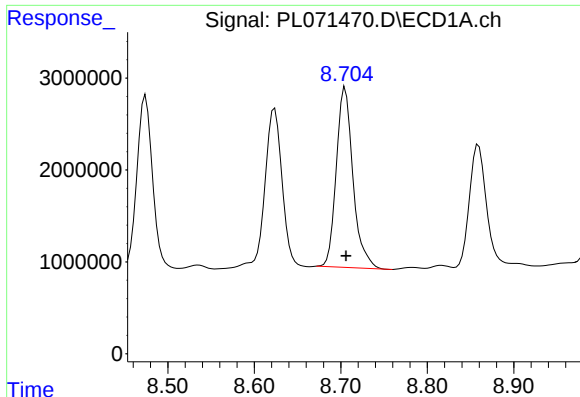
#18 Endrin aldehyde

R.T.: 8.474 min
Delta R.T.: -0.001 min
Response: 23063131
Conc: 54.23 ng/ml



#18 Endrin aldehyde

R.T.: 9.257 min
Delta R.T.: 0.000 min
Response: 43987382
Conc: 58.40 ng/ml



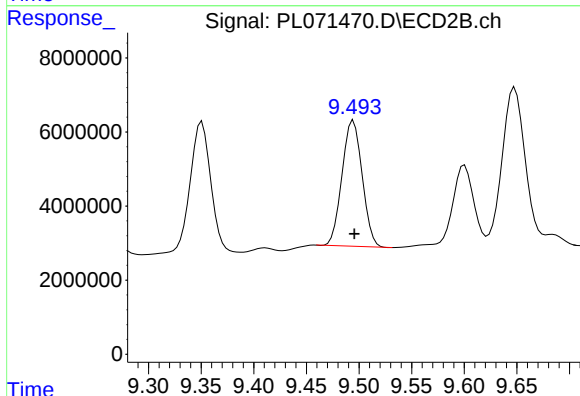
#19 Endosulfan Sulfate

R.T.: 8.705 min
Delta R.T.: 0.000 min
Response: 26058860
Conc: 45.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
MS-1MS

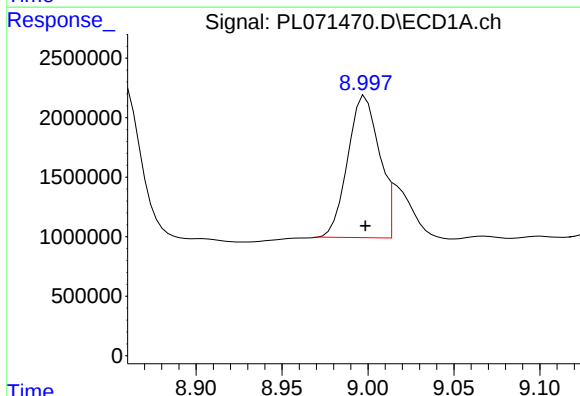
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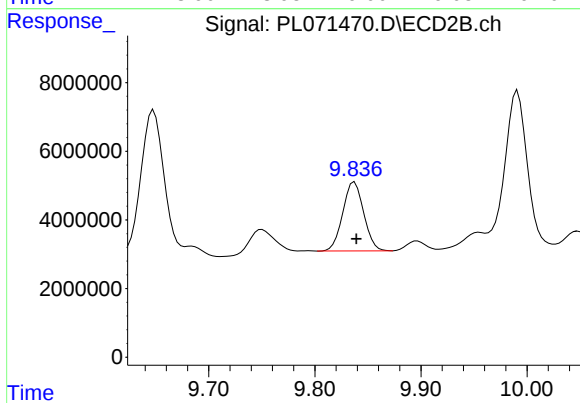
#19 Endosulfan Sulfate

R.T.: 9.495 min
Delta R.T.: 0.000 min
Response: 45456424
Conc: 46.38 ng/ml



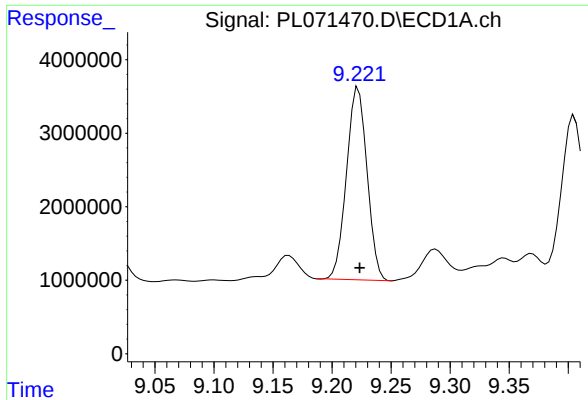
#20 Methoxychlor

R.T.: 8.997 min
Delta R.T.: -0.001 min
Response: 16252800
Conc: 50.18 ng/ml m



#20 Methoxychlor

R.T.: 9.837 min
Delta R.T.: -0.002 min
Response: 27462654
Conc: 54.71 ng/ml



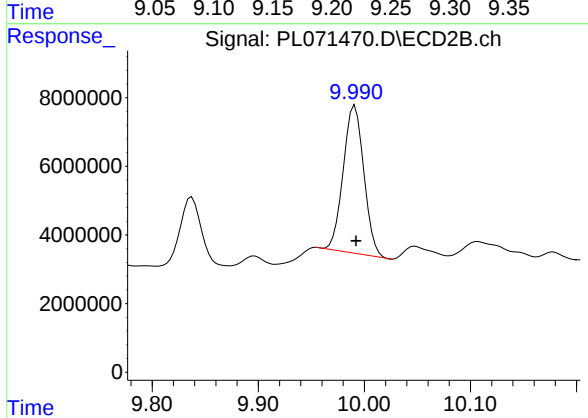
#21 Endrin ketone

R.T.: 9.222 min
Delta R.T.: -0.001 min
Response: 31713952
Conc: 48.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
MS-1MS

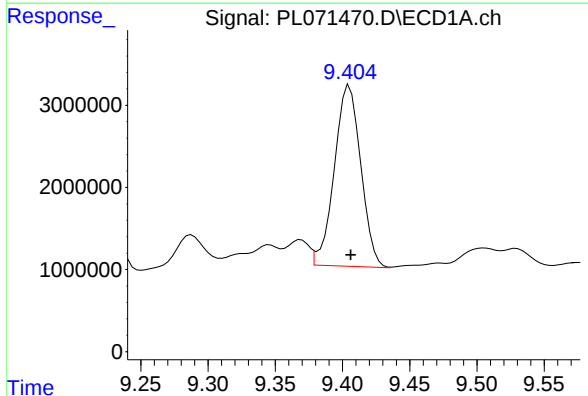
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APPROVED

Reviewed By :Abdul Mirza 12/16/2021
Supervised By :Ankita Jodhani 12/16/2021



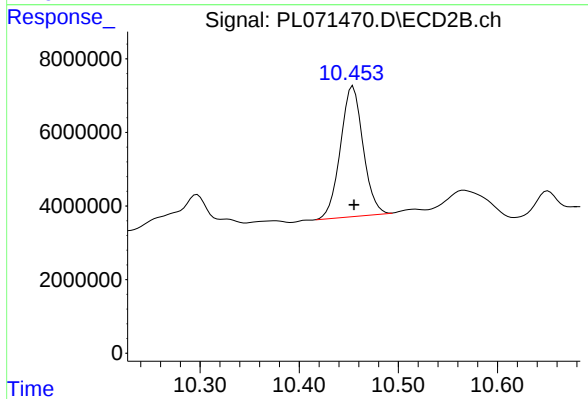
#21 Endrin ketone

R.T.: 9.991 min
Delta R.T.: -0.001 min
Response: 58078425
Conc: 55.23 ng/ml



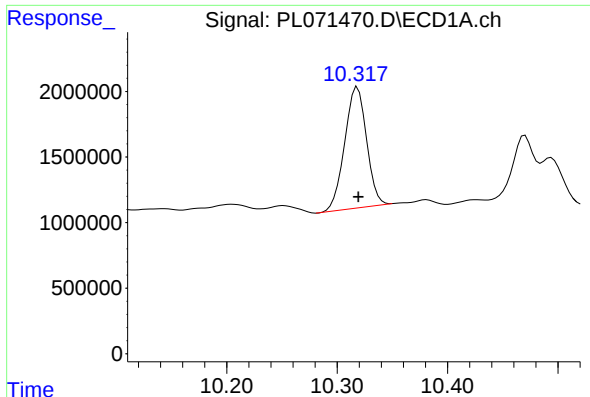
#22 Mirex

R.T.: 9.404 min
Delta R.T.: -0.002 min
Response: 29940838
Conc: 51.61 ng/ml m



#22 Mirex

R.T.: 10.454 min
Delta R.T.: -0.001 min
Response: 56475632
Conc: 70.17 ng/ml



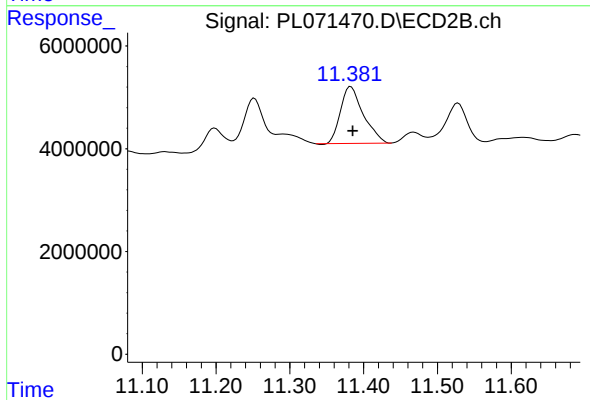
#28 Decachlorobiphenyl

R.T.: 10.318 min
Delta R.T.: 0.000 min
Response: 12675877
Conc: 19.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
MS-1MS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 11.383 min
Delta R.T.: -0.002 min
Response: 23755210
Conc: 21.86 ng/ml