

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL011122\
 Data File : PL071931.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Jan 2022 09:15
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 01/12/2022
 Supervised By :mohammad ahmed 01/12/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 12 00:06:22 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL010422.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 06 10:33:37 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...	4.558	5.494	10056739	28032237	21.770	22.816
28)	SA Decachlor...	10.319	11.384	16356861	28078209	22.623	23.694
Target Compounds							
2)	A alpha-BHC	5.264	6.075	5968773	18519826	9.667	10.622
3)	MA gamma-BHC...	5.687	6.471	5987029	17244401	9.836	10.661
6)	B beta-BHC	6.071	6.730	3593872	8940581	13.283	12.513
12)	B 4,4'-DDE	7.555	8.493	167993	471926	0.303m	0.375m
14)	MA Endrin	7.974	8.887	28628705	62081654	54.173	59.986
16)	A 4,4'-DDD	8.143	9.034	1895643	4340515	3.937	4.515m
17)	MA 4,4'-DDT	8.403	9.351	55605693	119.0E6	116.511	126.190
18)	B Endrin al...	8.475	9.257	447006	648524	0.985m	0.764m
20)	A Methoxychlor	8.999	9.839	77449566	150.0E6	250.242	304.692
21)	B Endrin ke...	9.224	9.991	1772775	2417668	2.558	2.142m

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

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Sample : PEM
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ALS Vial : 3 Sample Multiplier: 1

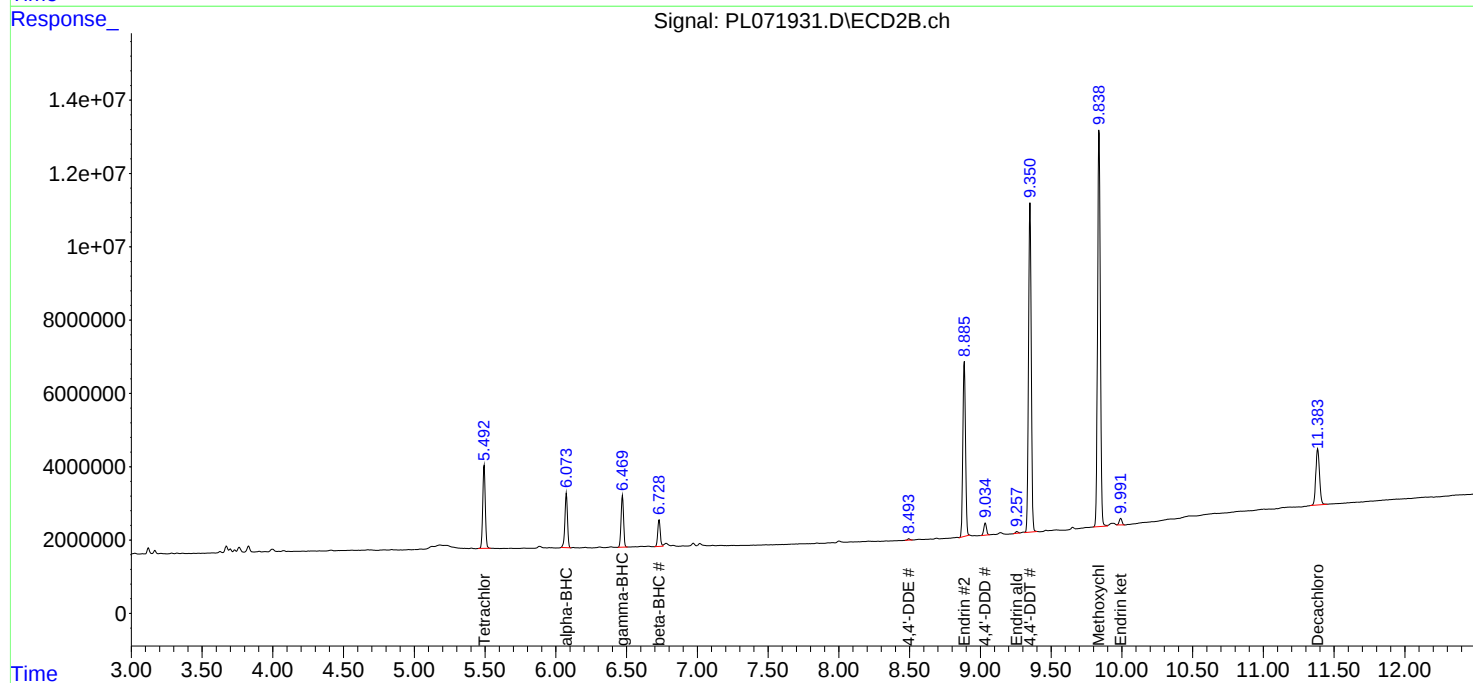
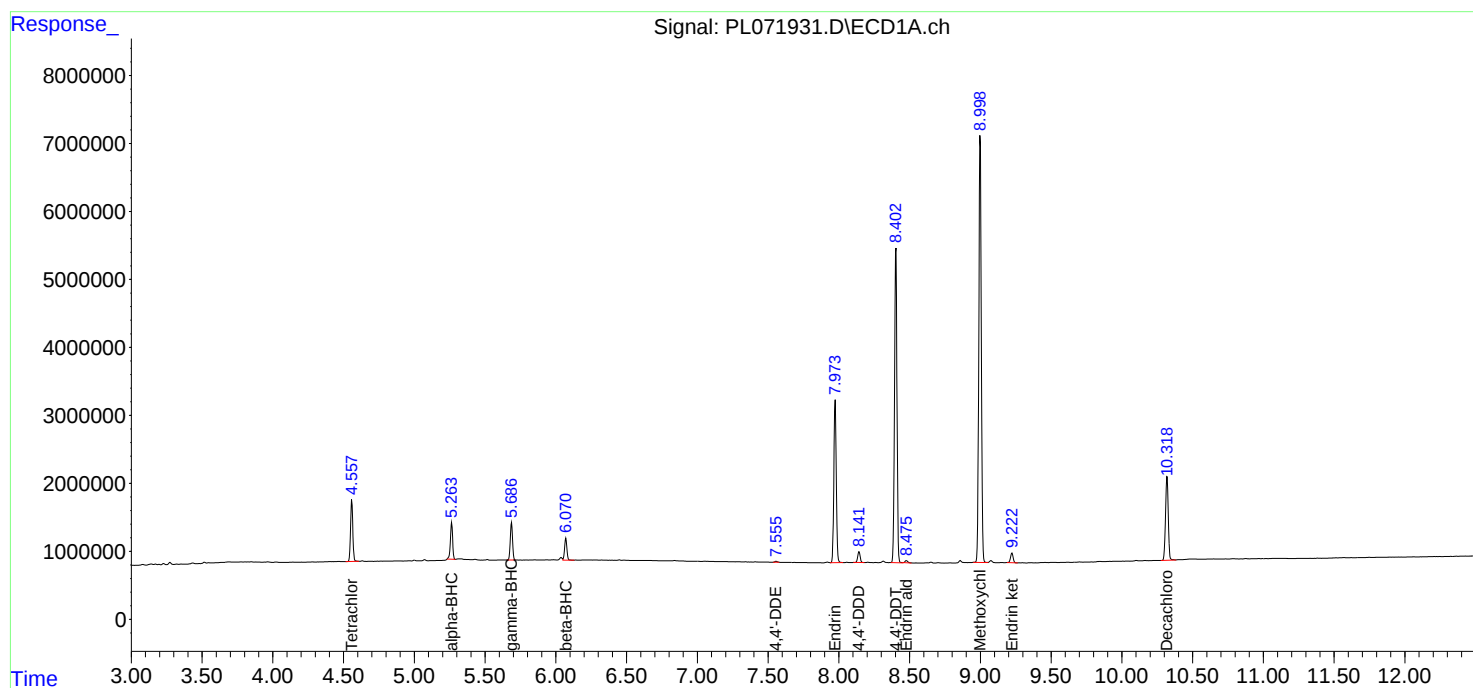
Instrument :
ECD_L
ClientSampleId :
PEM

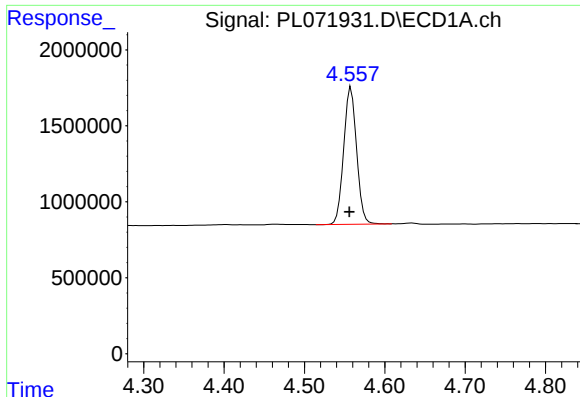
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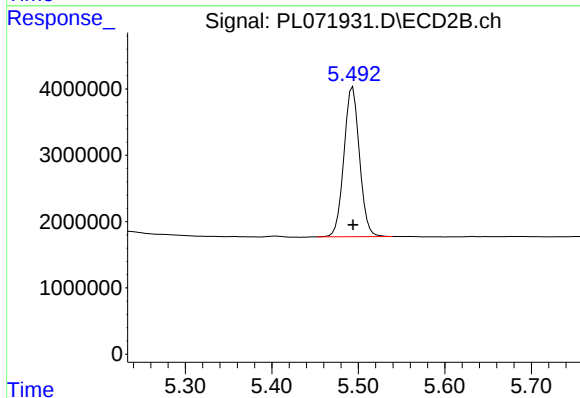
#1 Tetrachloro-m-xylene

R.T.: 4.558 min
Delta R.T.: 0.002 min
Response: 10056739
Conc: 21.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

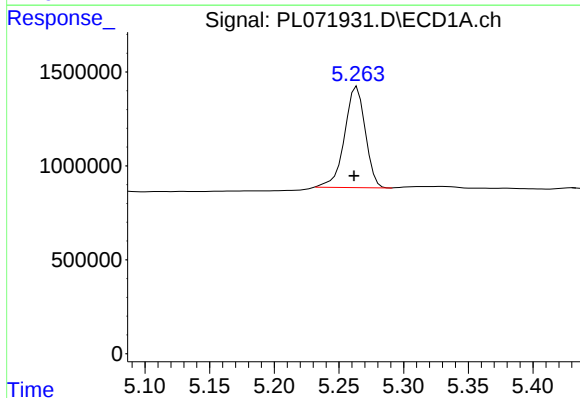
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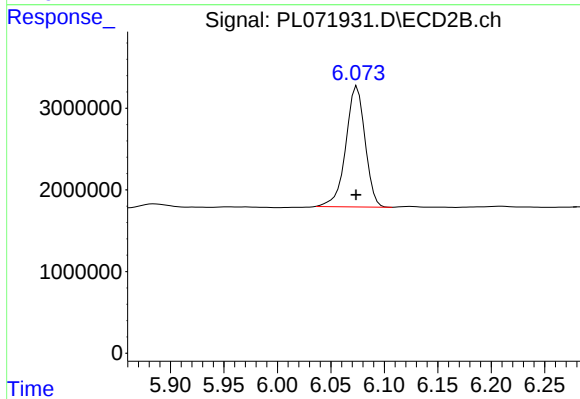
#1 Tetrachloro-m-xylene

R.T.: 5.494 min
Delta R.T.: 0.000 min
Response: 28032237
Conc: 22.82 ng/ml



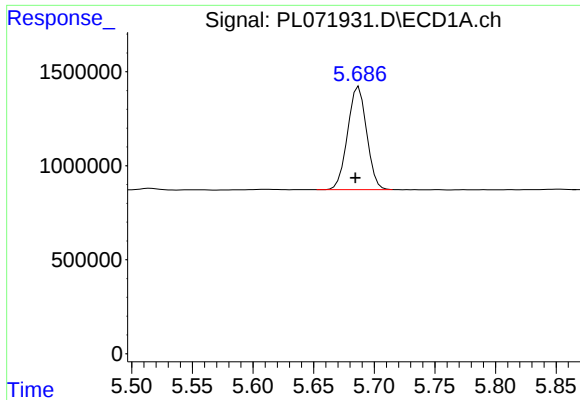
#2 alpha-BHC

R.T.: 5.264 min
Delta R.T.: 0.002 min
Response: 5968773
Conc: 9.67 ng/ml



#2 alpha-BHC

R.T.: 6.075 min
Delta R.T.: 0.001 min
Response: 18519826
Conc: 10.62 ng/ml



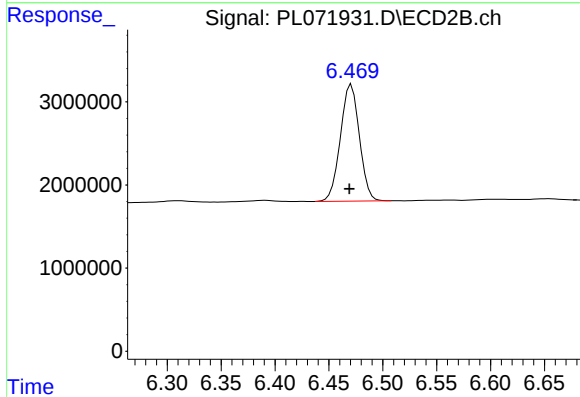
#3 gamma-BHC (Lindane)

R.T.: 5.687 min
Delta R.T.: 0.003 min
Response: 5987029
Conc: 9.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

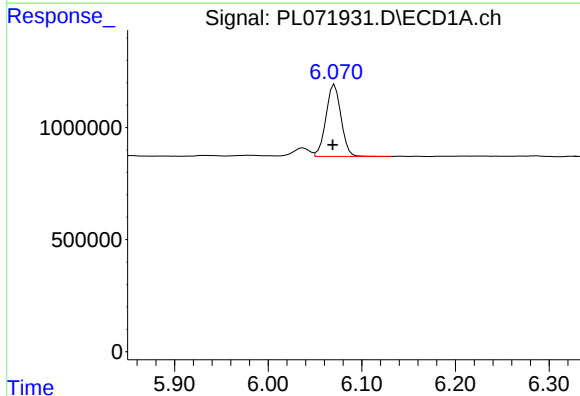
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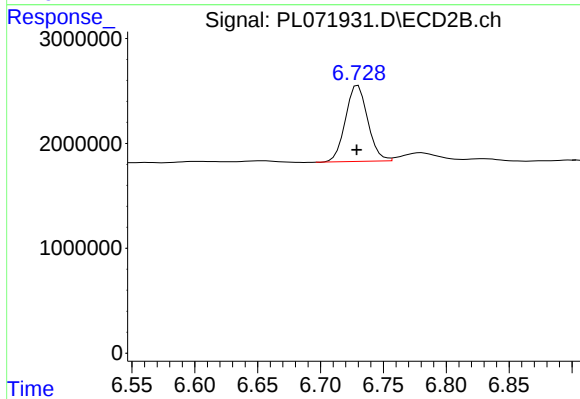
#3 gamma-BHC (Lindane)

R.T.: 6.471 min
Delta R.T.: 0.002 min
Response: 17244401
Conc: 10.66 ng/ml



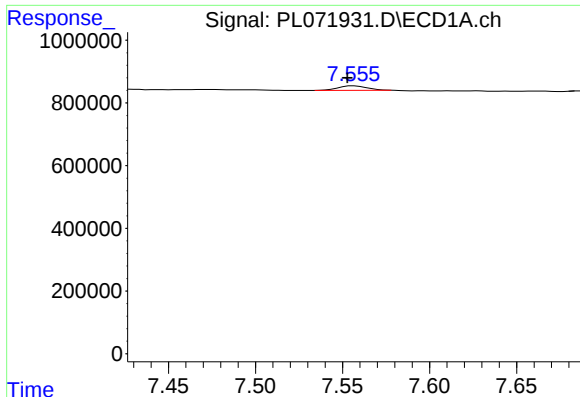
#6 beta-BHC

R.T.: 6.071 min
Delta R.T.: 0.002 min
Response: 3593872
Conc: 13.28 ng/ml



#6 beta-BHC

R.T.: 6.730 min
Delta R.T.: 0.001 min
Response: 8940581
Conc: 12.51 ng/ml



#12 4,4'-DDE

R.T.: 7.555 min
Delta R.T.: 0.002 min
Response: 167993
Conc: 0.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#12 4,4'-DDE

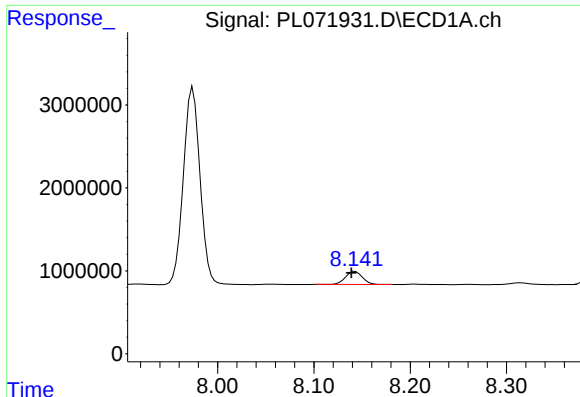
R.T.: 8.493 min
Delta R.T.: 0.001 min
Response: 471926
Conc: 0.37 ng/ml m

#14 Endrin

R.T.: 7.974 min
Delta R.T.: 0.004 min
Response: 28628705
Conc: 54.17 ng/ml

#14 Endrin

R.T.: 8.887 min
Delta R.T.: 0.001 min
Response: 62081654
Conc: 59.99 ng/ml



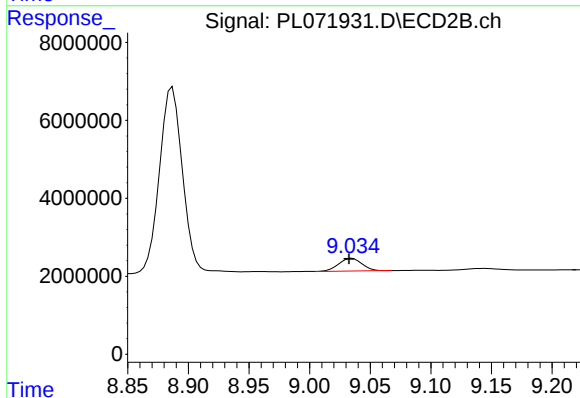
#16 4,4'-DDD

R.T.: 8.143 min
Delta R.T.: 0.004 min
Response: 1895643
Conc: 3.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

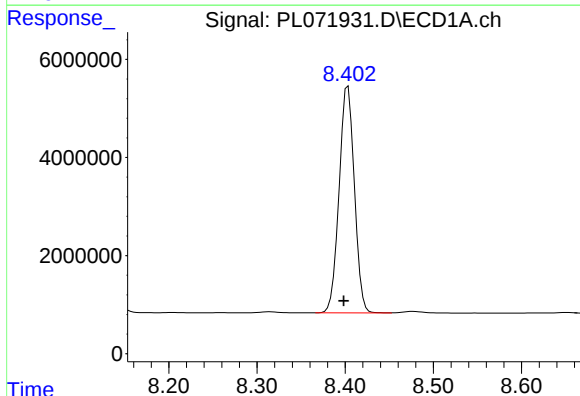
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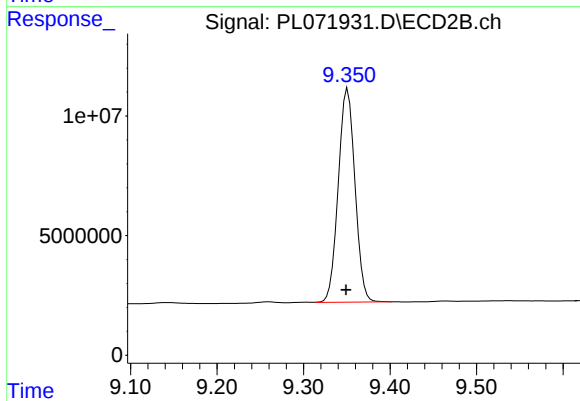
#16 4,4'-DDD

R.T.: 9.034 min
Delta R.T.: 0.001 min
Response: 4340515
Conc: 4.51 ng/ml m



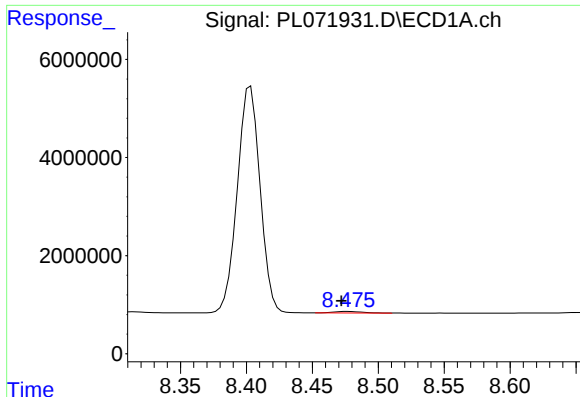
#17 4,4'-DDT

R.T.: 8.403 min
Delta R.T.: 0.005 min
Response: 55605693
Conc: 116.51 ng/ml



#17 4,4'-DDT

R.T.: 9.351 min
Delta R.T.: 0.002 min
Response: 119001033
Conc: 126.19 ng/ml



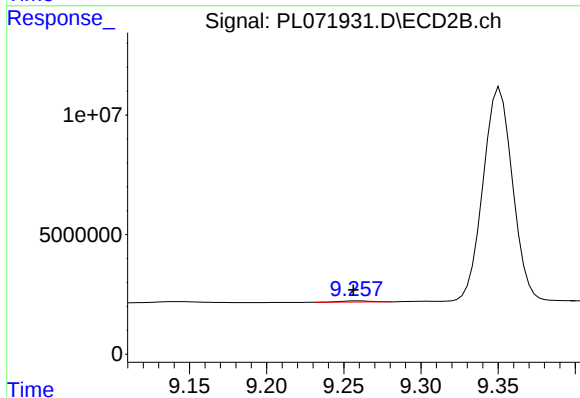
#18 Endrin aldehyde

R.T.: 8.475 min
Delta R.T.: 0.004 min
Response: 447006
Conc: 0.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

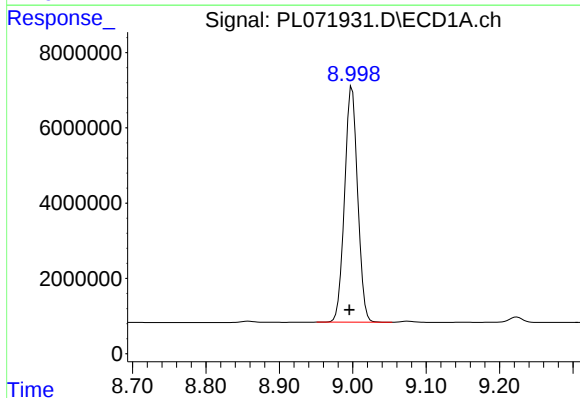
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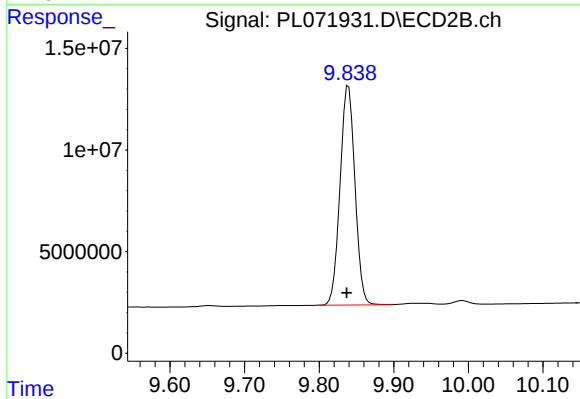
#18 Endrin aldehyde

R.T.: 9.257 min
Delta R.T.: 0.000 min
Response: 648524
Conc: 0.76 ng/ml m



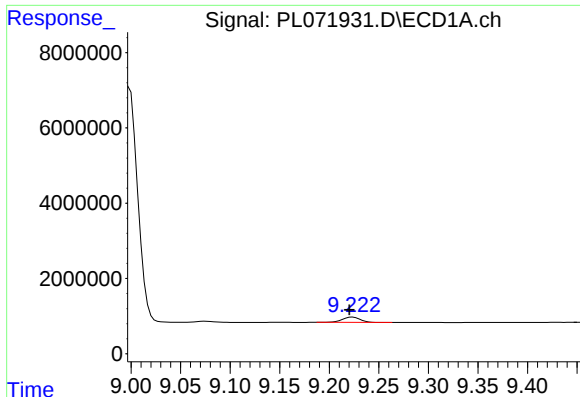
#20 Methoxychlor

R.T.: 8.999 min
Delta R.T.: 0.004 min
Response: 77449566
Conc: 250.24 ng/ml



#20 Methoxychlor

R.T.: 9.839 min
Delta R.T.: 0.002 min
Response: 150036077
Conc: 304.69 ng/ml



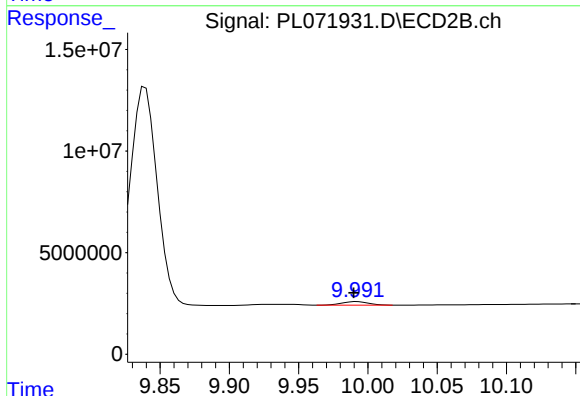
#21 Endrin ketone

R.T.: 9.224 min
Delta R.T.: 0.003 min
Response: 1772775
Conc: 2.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
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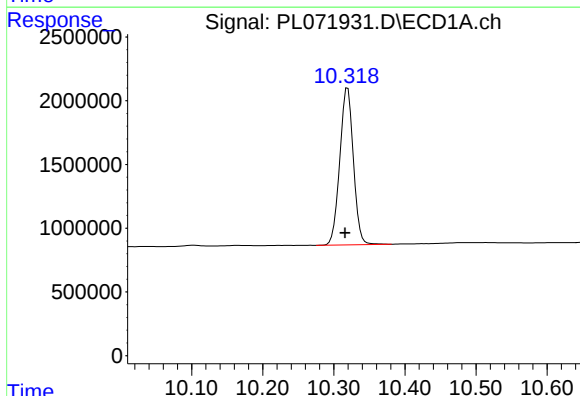
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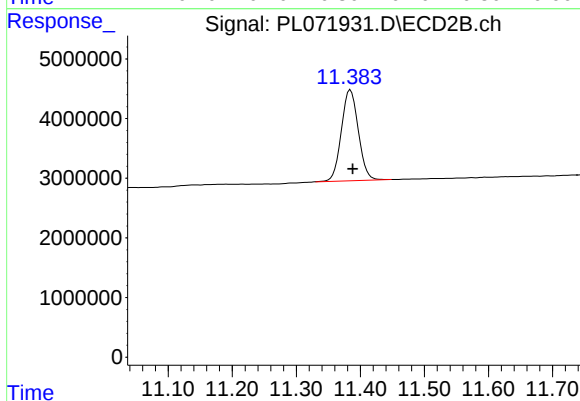
#21 Endrin ketone

R.T.: 9.991 min
Delta R.T.: 0.001 min
Response: 2417668
Conc: 2.14 ng/ml m



#28 Decachlorobiphenyl

R.T.: 10.319 min
Delta R.T.: 0.004 min
Response: 16356861
Conc: 22.62 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.384 min
Delta R.T.: -0.004 min
Response: 28078209
Conc: 23.69 ng/ml