

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL010622\
 Data File : PL071830.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Jan 2022 09:31
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 01/07/2022
 Supervised By : Ankita Jodhani 01/07/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 07 00:03:08 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	5.495	9861253	26794973	21.347	21.809
28)	SA Decachlor...	10.320	11.389	16053660	26233586	22.203m	22.138
Target Compounds							
2)	A alpha-BHC	5.265	6.076	6735495	18168455	10.908	10.421
3)	MA gamma-BHC...	5.688	6.473	5891239	16737850	9.678	10.347
6)	B beta-BHC	6.072	6.732	3448462	8959911	12.745	12.540
12)	B 4,4'-DDE	7.557	8.497	210485	553706	0.380m	0.440
14)	MA Endrin	7.976	8.890	26414219	53234010	49.983	51.437
16)	A 4,4'-DDD	8.144	9.036	3157864	6723849	6.558	6.994m
17)	MA 4,4'-DDT	8.405	9.354	51697053	103.5E6	108.321	109.787
18)	B Endrin al...	8.476	9.260	924429	1766243	2.037m	2.081m
20)	A Methoxychlor	9.001	9.842	71891146	130.2E6	232.282	264.417
21)	B Endrin ke...	9.225	9.995	3056238	4314428	4.410	3.823

(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

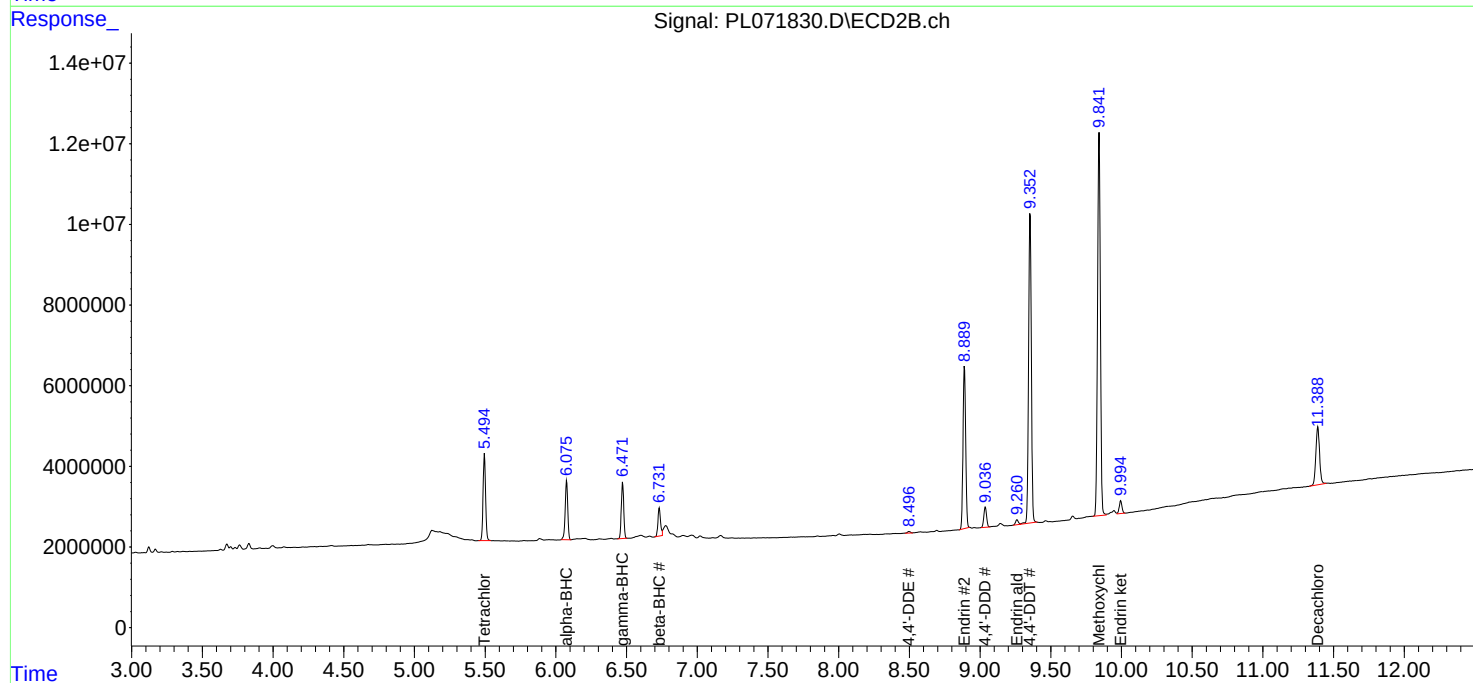
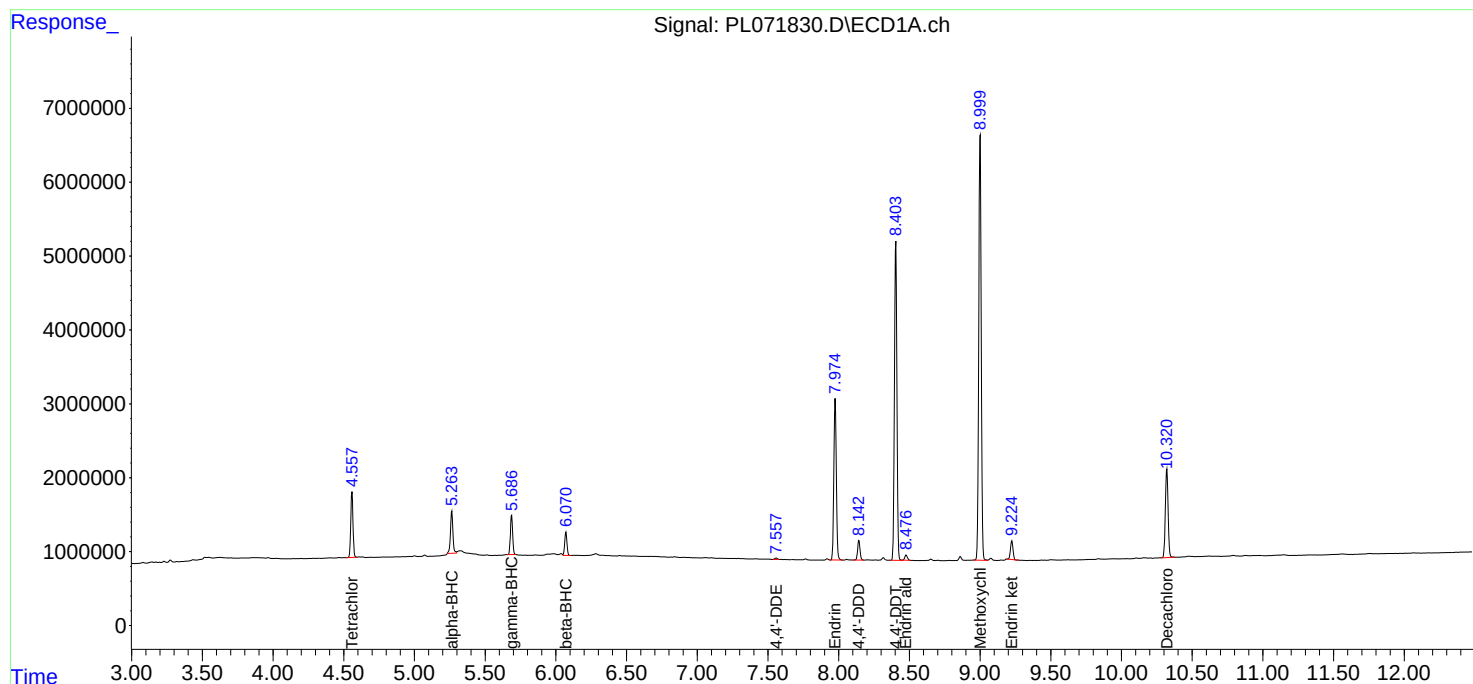
Instrument :
ECD_L
ClientSampleId :
PEM

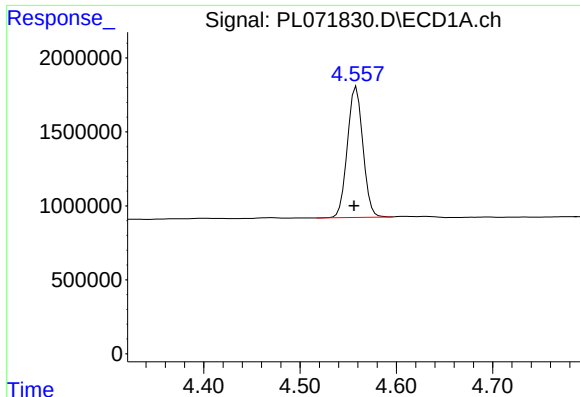
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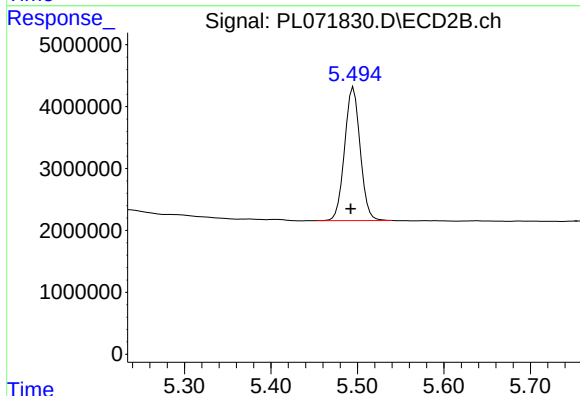
#1 Tetrachloro-m-xylene

R.T.: 4.558 min
Delta R.T.: 0.002 min
Response: 9861253
Conc: 21.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

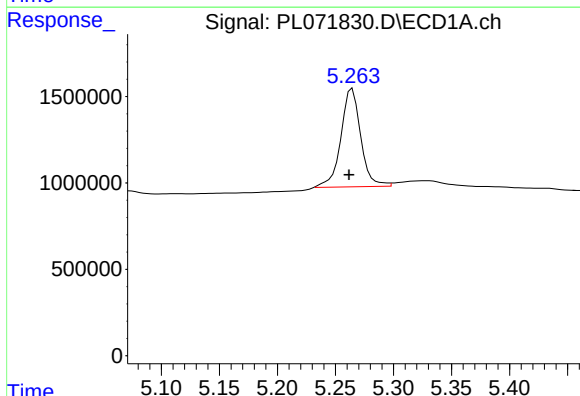
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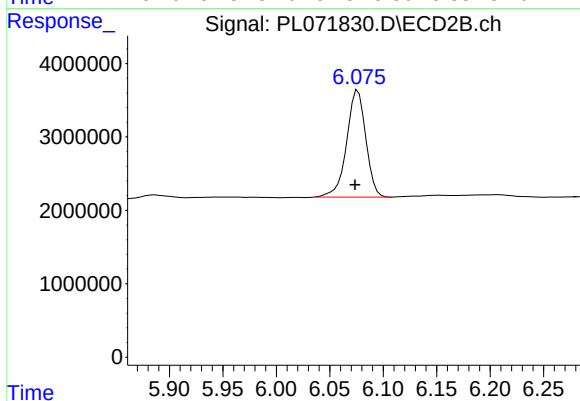
#1 Tetrachloro-m-xylene

R.T.: 5.495 min
Delta R.T.: 0.003 min
Response: 26794973
Conc: 21.81 ng/ml



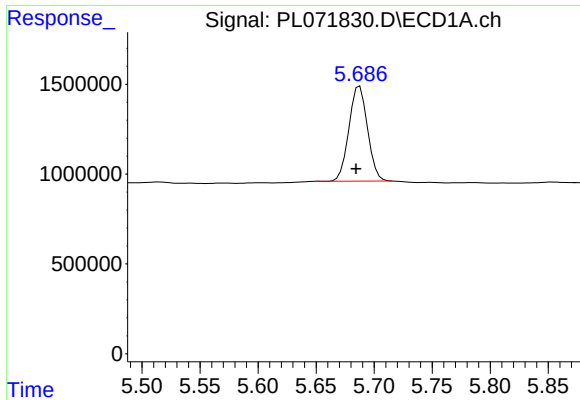
#2 alpha-BHC

R.T.: 5.265 min
Delta R.T.: 0.003 min
Response: 6735495
Conc: 10.91 ng/ml



#2 alpha-BHC

R.T.: 6.076 min
Delta R.T.: 0.003 min
Response: 18168455
Conc: 10.42 ng/ml



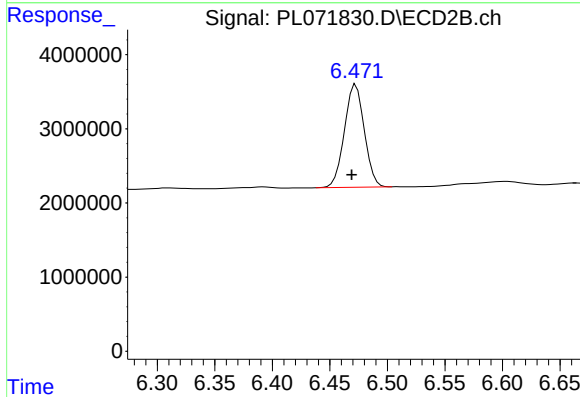
#3 gamma-BHC (Lindane)

R.T.: 5.688 min
Delta R.T.: 0.003 min
Response: 5891239
Conc: 9.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

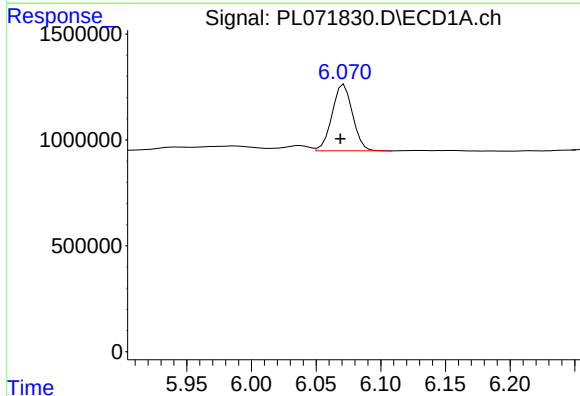
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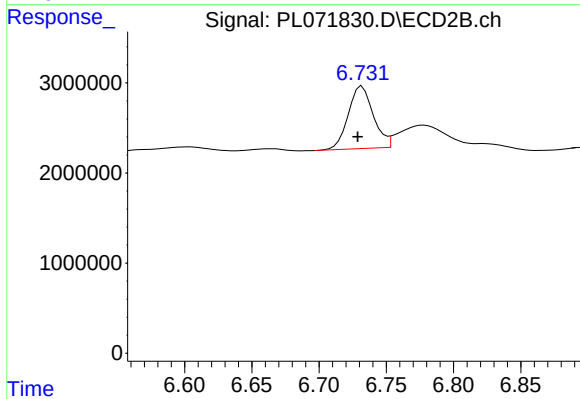
#3 gamma-BHC (Lindane)

R.T.: 6.473 min
Delta R.T.: 0.003 min
Response: 16737850
Conc: 10.35 ng/ml



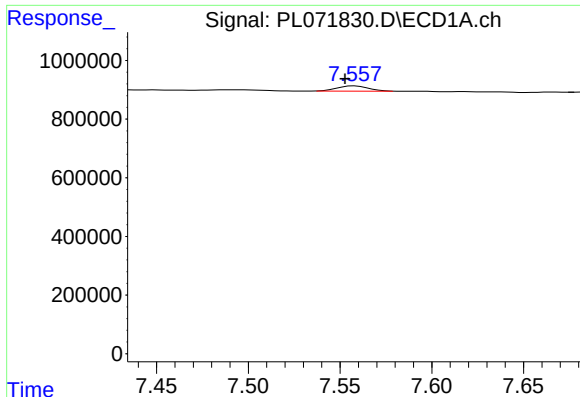
#6 beta-BHC

R.T.: 6.072 min
Delta R.T.: 0.003 min
Response: 3448462
Conc: 12.75 ng/ml



#6 beta-BHC

R.T.: 6.732 min
Delta R.T.: 0.003 min
Response: 8959911
Conc: 12.54 ng/ml



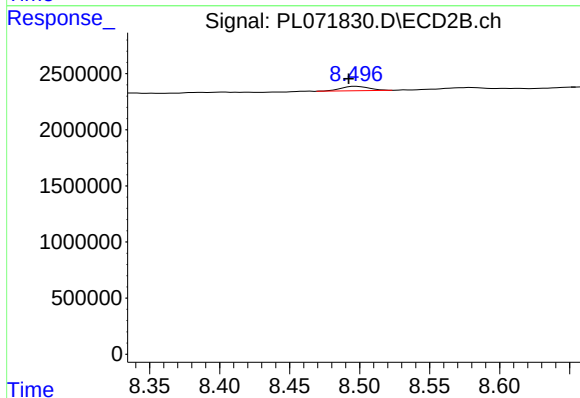
#12 4,4'-DDE

R.T.: 7.557 min
Delta R.T.: 0.004 min
Response: 210485
Conc: 0.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

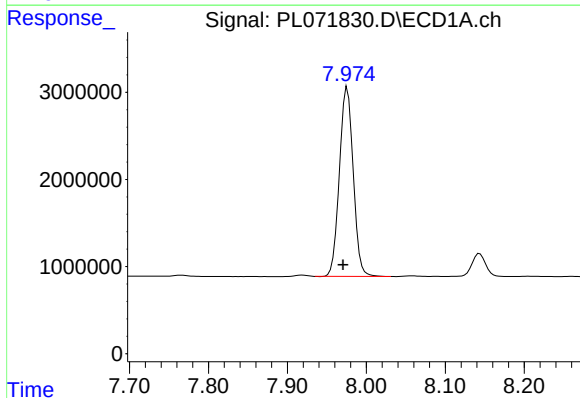
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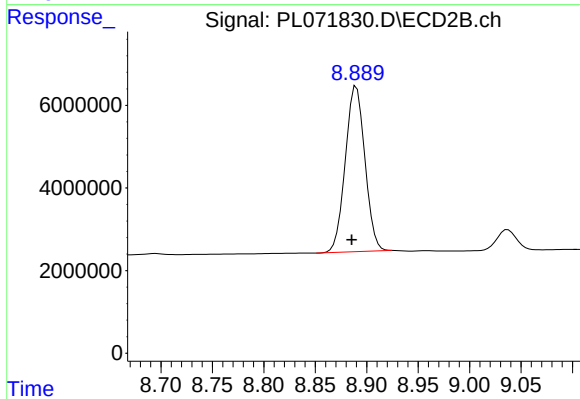
#12 4,4'-DDE

R.T.: 8.497 min
Delta R.T.: 0.005 min
Response: 553706
Conc: 0.44 ng/ml



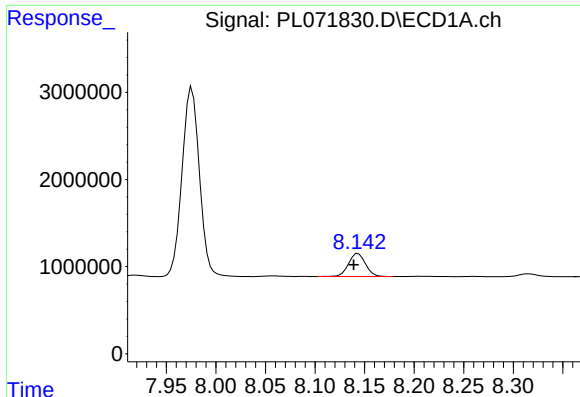
#14 Endrin

R.T.: 7.976 min
Delta R.T.: 0.006 min
Response: 26414219
Conc: 49.98 ng/ml



#14 Endrin

R.T.: 8.890 min
Delta R.T.: 0.005 min
Response: 53234010
Conc: 51.44 ng/ml



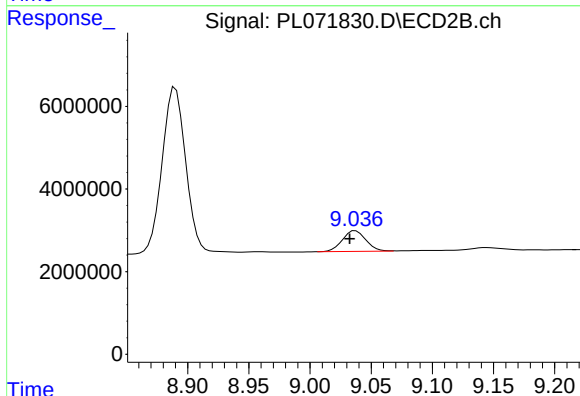
#16 4,4'-DDD

R.T.: 8.144 min
Delta R.T.: 0.005 min
Response: 3157864
Conc: 6.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

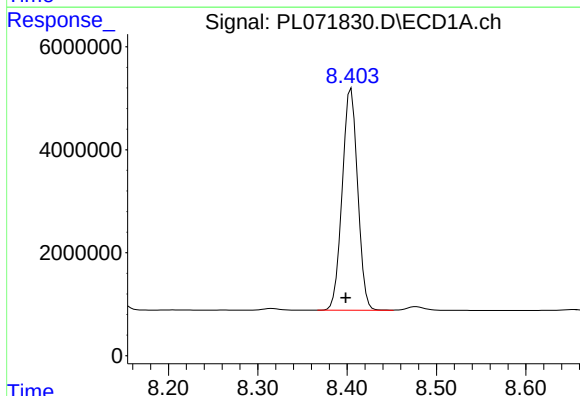
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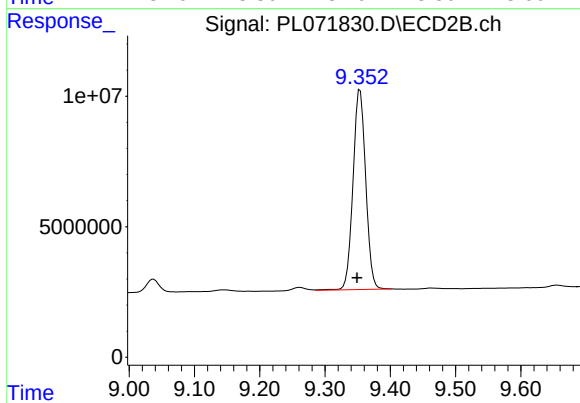
#16 4,4'-DDD

R.T.: 9.036 min
Delta R.T.: 0.003 min
Response: 6723849
Conc: 6.99 ng/ml m



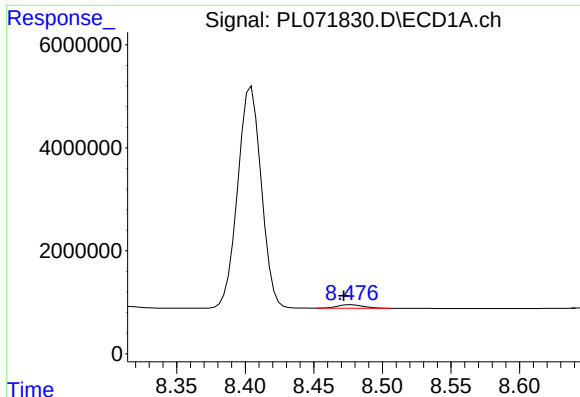
#17 4,4'-DDT

R.T.: 8.405 min
Delta R.T.: 0.006 min
Response: 51697053
Conc: 108.32 ng/ml



#17 4,4'-DDT

R.T.: 9.354 min
Delta R.T.: 0.004 min
Response: 103531735
Conc: 109.79 ng/ml



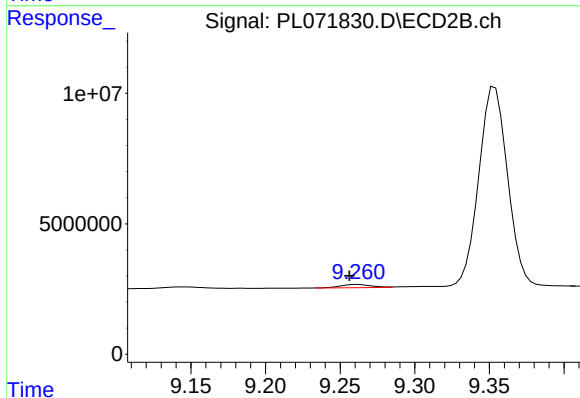
#18 Endrin aldehyde

R.T.: 8.476 min
Delta R.T.: 0.004 min
Response: 924429
Conc: 2.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

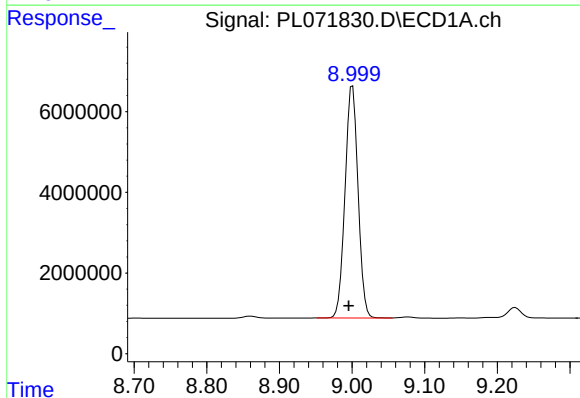
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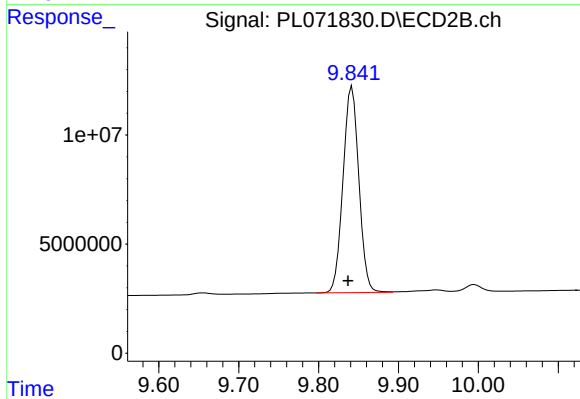
#18 Endrin aldehyde

R.T.: 9.260 min
Delta R.T.: 0.004 min
Response: 1766243
Conc: 2.08 ng/ml m



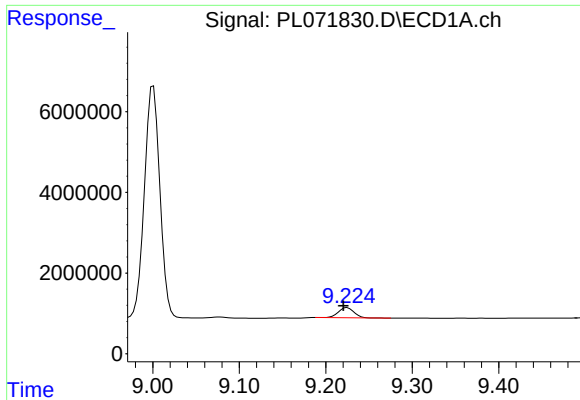
#20 Methoxychlor

R.T.: 9.001 min
Delta R.T.: 0.005 min
Response: 71891146
Conc: 232.28 ng/ml



#20 Methoxychlor

R.T.: 9.842 min
Delta R.T.: 0.005 min
Response: 130203767
Conc: 264.42 ng/ml



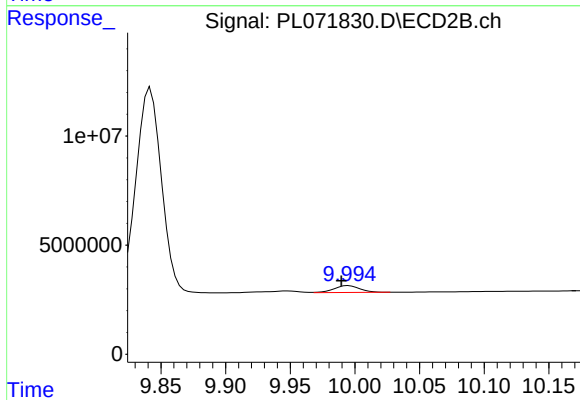
#21 Endrin ketone

R.T.: 9.225 min
Delta R.T.: 0.004 min
Response: 3056238
Conc: 4.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

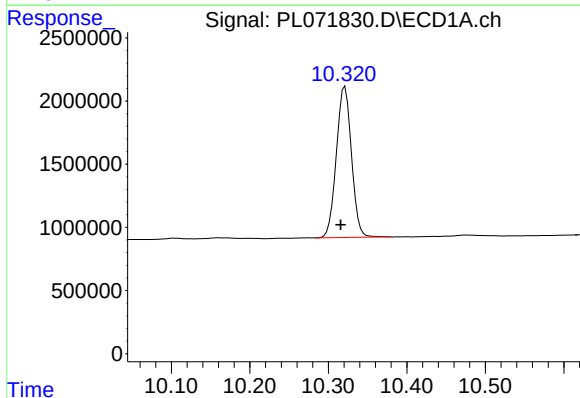
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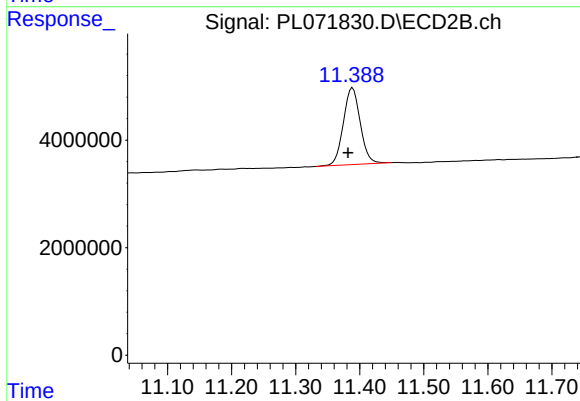
#21 Endrin ketone

R.T.: 9.995 min
Delta R.T.: 0.005 min
Response: 4314428
Conc: 3.82 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.320 min
Delta R.T.: 0.004 min
Response: 16053660
Conc: 22.20 ng/ml m



#28 Decachlorobiphenyl

R.T.: 11.389 min
Delta R.T.: 0.007 min
Response: 26233586
Conc: 22.14 ng/ml