

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021622\
 Data File : PL072755.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Feb 2022 01:49
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/17/2022
 Supervised By : Ankita Jodhani 02/17/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 17 02:22:15 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL020722.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 08 05:14:10 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...	4.556	5.490	11526195	41646236	23.938	24.109
28)	SA Decachlor...	10.315	11.381	19275855	42223335	25.462	26.626
Target Compounds							
2)	A alpha-BHC	5.261	6.071	7127967	27295842	10.811	11.398
3)	MA gamma-BHC...	5.685	6.467	6974903	26481287	11.098	11.501
6)	B beta-BHC	6.068	6.728	3929065	14345080	15.856m	14.072
12)	B 4,4'-DDE	7.553	8.491	228065	634613	0.375	0.340m
14)	MA Endrin	7.971	8.884	35995059	100.9E6	61.445	64.033
16)	A 4,4'-DDD	8.138	9.032	894257	2906932	1.859m	2.101
17)	MA 4,4'-DDT	8.399	9.348	75003538	208.6E6	139.391	136.293
18)	B Endrin al...	8.473	9.254	919014	1538218	2.108	1.367m#
20)	A Methoxychlor	8.995	9.836	102.1E6	252.3E6	290.449	311.636
21)	B Endrin ke...	9.218	9.989	1879598	4020657	2.735m	2.523

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

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Acq On : 17 Feb 2022 01:49
Operator : AR\AJ
Sample : PEM
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ALS Vial : 3 Sample Multiplier: 1

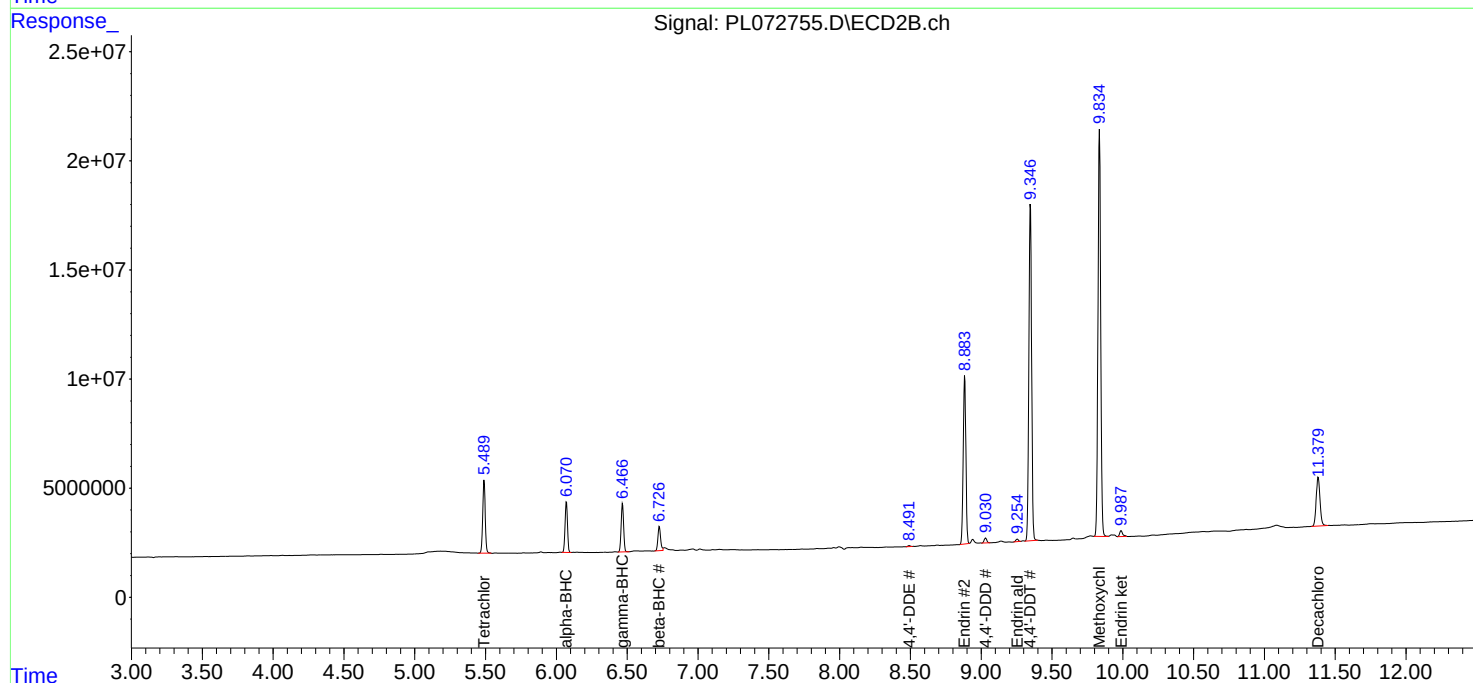
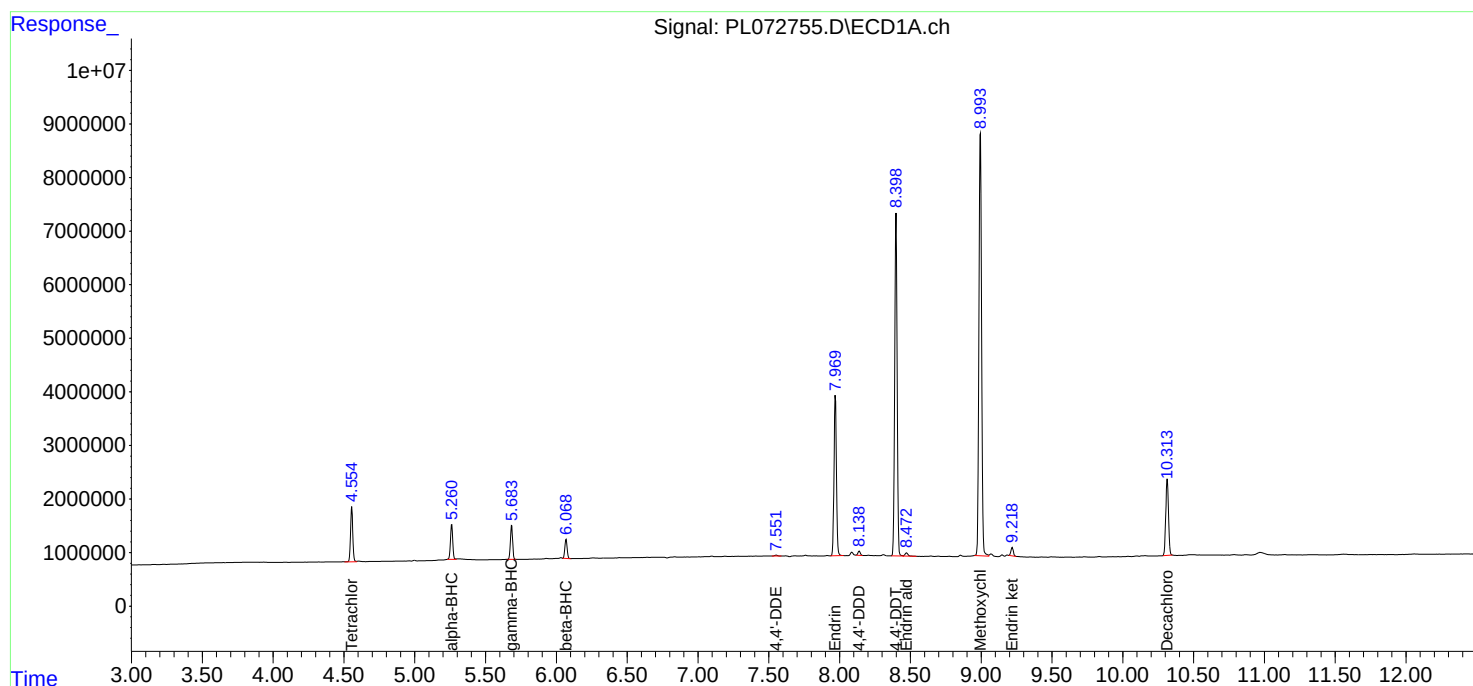
Instrument :
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ClientSampleId :
PEM

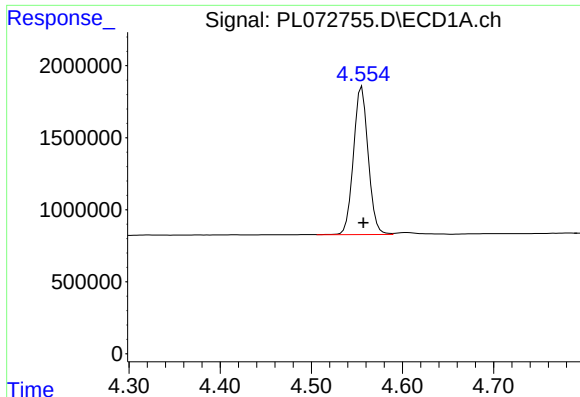
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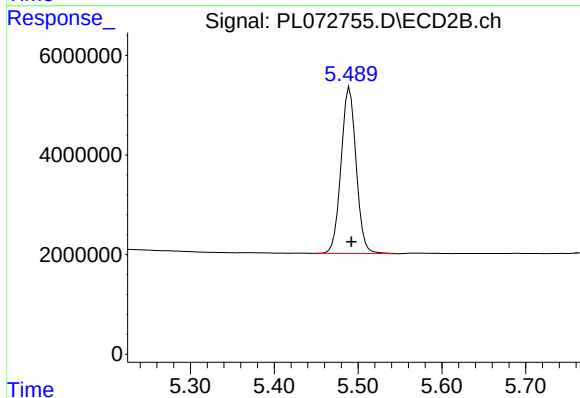
#1 Tetrachloro-m-xylene

R.T.: 4.556 min
Delta R.T.: -0.001 min
Response: 11526195
Conc: 23.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

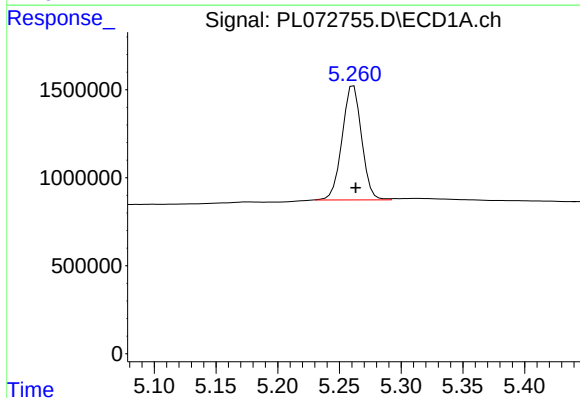
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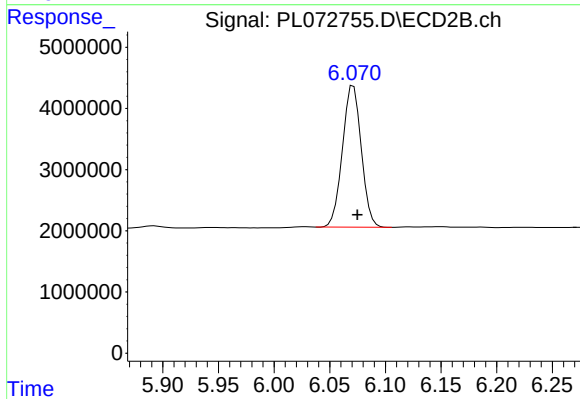
#1 Tetrachloro-m-xylene

R.T.: 5.490 min
Delta R.T.: -0.002 min
Response: 41646236
Conc: 24.11 ng/ml



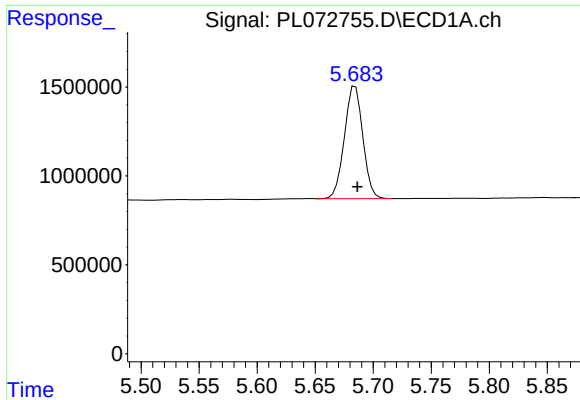
#2 alpha-BHC

R.T.: 5.261 min
Delta R.T.: -0.002 min
Response: 7127967
Conc: 10.81 ng/ml



#2 alpha-BHC

R.T.: 6.071 min
Delta R.T.: -0.004 min
Response: 27295842
Conc: 11.40 ng/ml



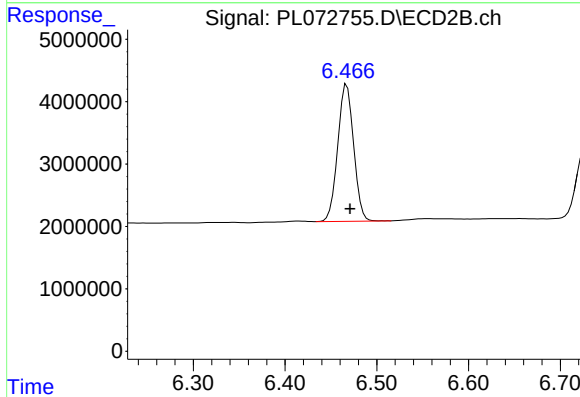
#3 gamma-BHC (Lindane)

R.T.: 5.685 min
Delta R.T.: -0.002 min
Response: 6974903
Conc: 11.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

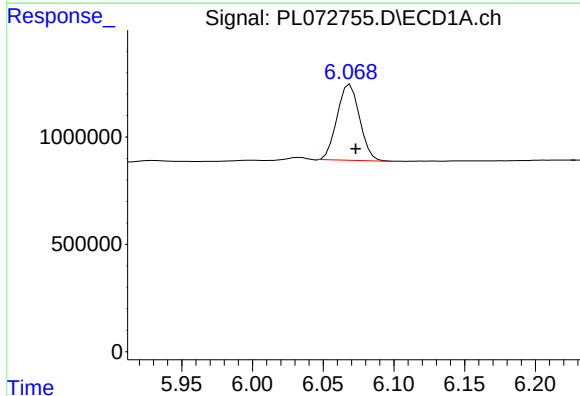
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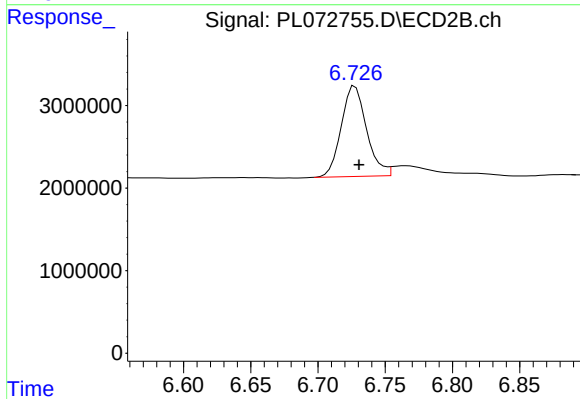
#3 gamma-BHC (Lindane)

R.T.: 6.467 min
Delta R.T.: -0.004 min
Response: 26481287
Conc: 11.50 ng/ml



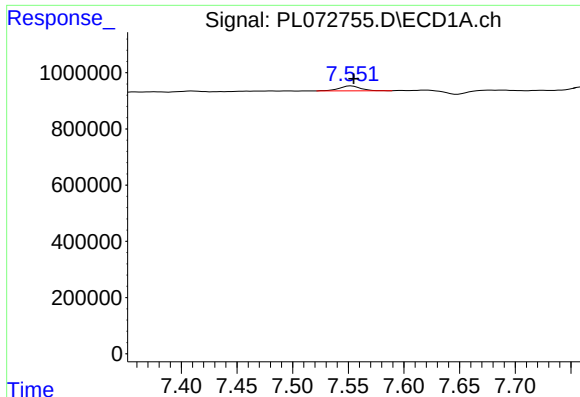
#6 beta-BHC

R.T.: 6.068 min
Delta R.T.: -0.005 min
Response: 3929065
Conc: 15.86 ng/ml m



#6 beta-BHC

R.T.: 6.728 min
Delta R.T.: -0.003 min
Response: 14345080
Conc: 14.07 ng/ml



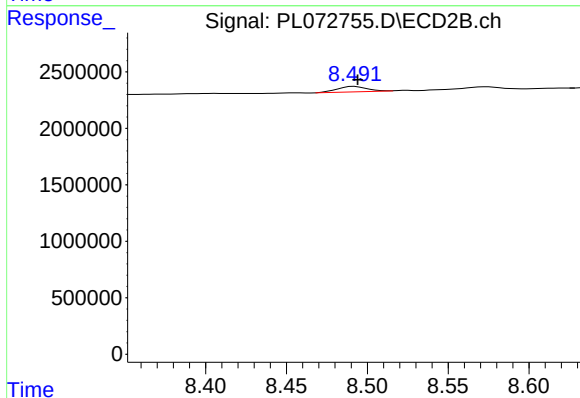
#12 4,4'-DDE

R.T.: 7.553 min
Delta R.T.: -0.002 min
Response: 228065
Conc: 0.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

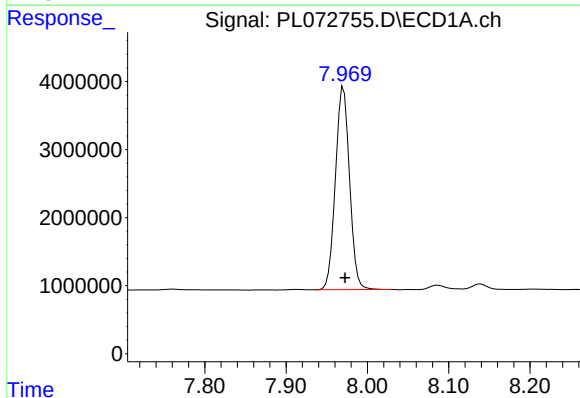
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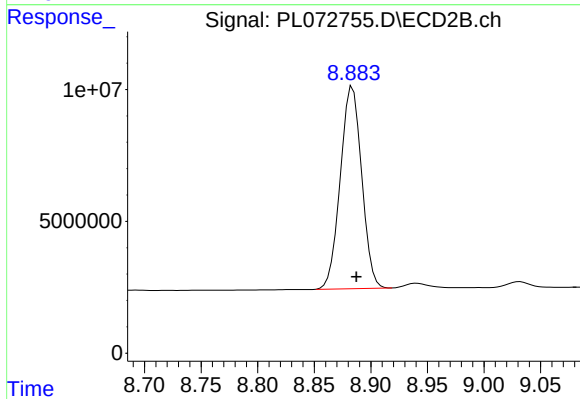
#12 4,4'-DDE

R.T.: 8.491 min
Delta R.T.: -0.003 min
Response: 634613
Conc: 0.34 ng/ml m



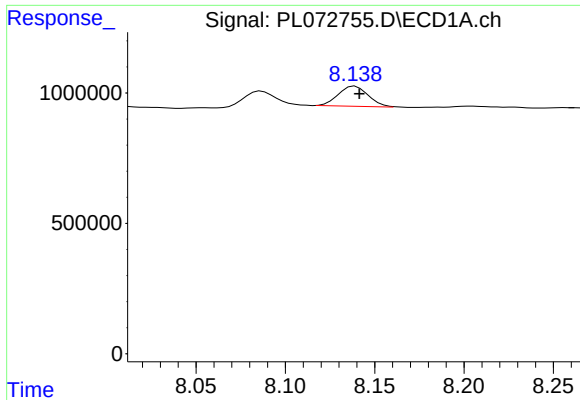
#14 Endrin

R.T.: 7.971 min
Delta R.T.: -0.002 min
Response: 35995059
Conc: 61.45 ng/ml



#14 Endrin

R.T.: 8.884 min
Delta R.T.: -0.003 min
Response: 100892491
Conc: 64.03 ng/ml



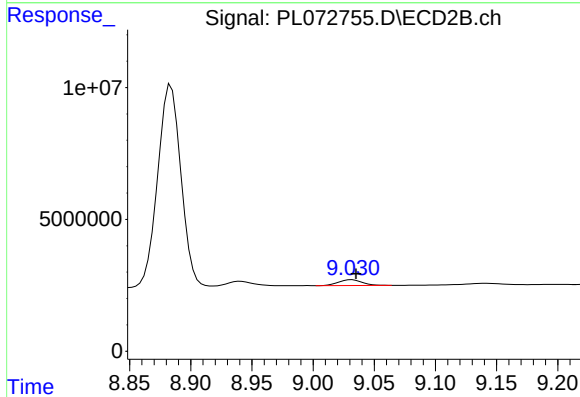
#16 4,4'-DDD

R.T.: 8.138 min
Delta R.T.: -0.004 min
Response: 894257
Conc: 1.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

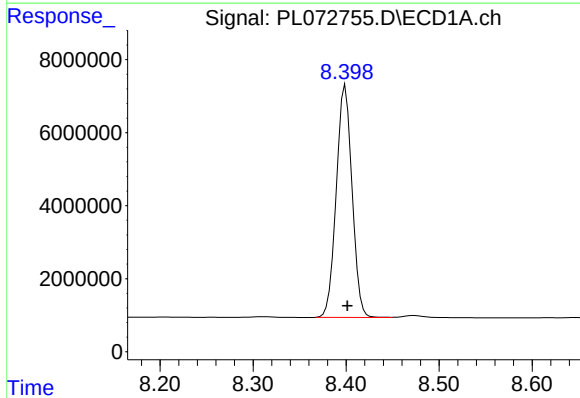
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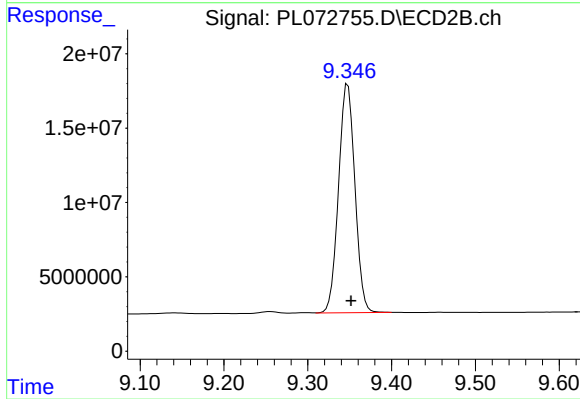
#16 4,4'-DDD

R.T.: 9.032 min
Delta R.T.: -0.003 min
Response: 2906932
Conc: 2.10 ng/ml



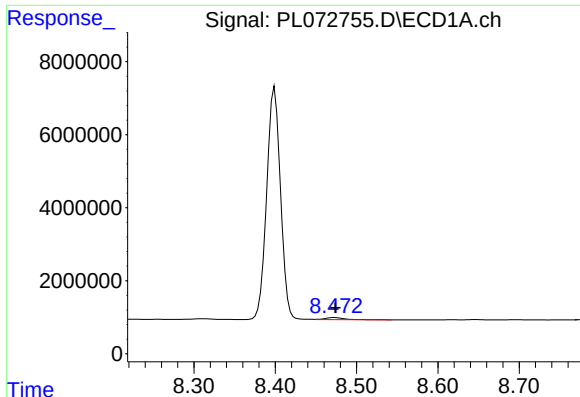
#17 4,4'-DDT

R.T.: 8.399 min
Delta R.T.: -0.002 min
Response: 75003538
Conc: 139.39 ng/ml



#17 4,4'-DDT

R.T.: 9.348 min
Delta R.T.: -0.004 min
Response: 208644727
Conc: 136.29 ng/ml



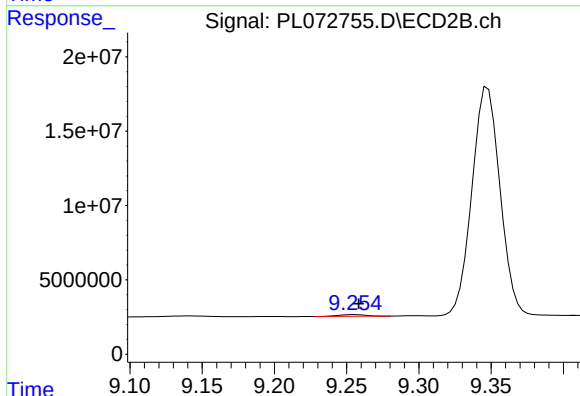
#18 Endrin aldehyde

R.T.: 8.473 min
Delta R.T.: -0.001 min
Response: 919014
Conc: 2.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

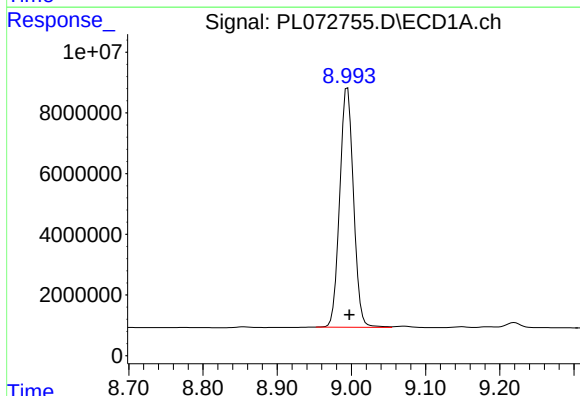
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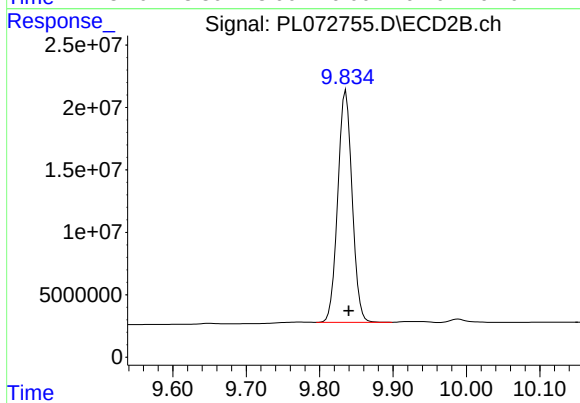
#18 Endrin aldehyde

R.T.: 9.254 min
Delta R.T.: -0.004 min
Response: 1538218
Conc: 1.37 ng/ml m



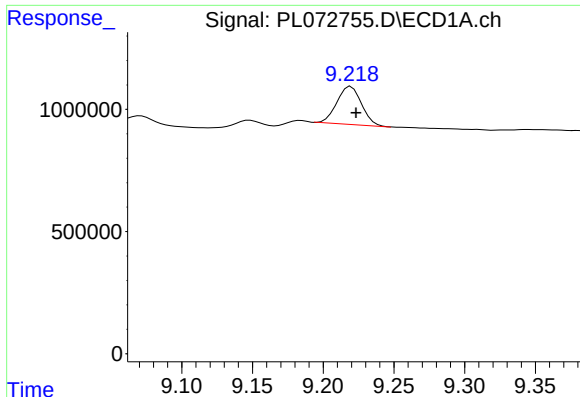
#20 Methoxychlor

R.T.: 8.995 min
Delta R.T.: -0.002 min
Response: 102128963
Conc: 290.45 ng/ml



#20 Methoxychlor

R.T.: 9.836 min
Delta R.T.: -0.004 min
Response: 252317405
Conc: 311.64 ng/ml



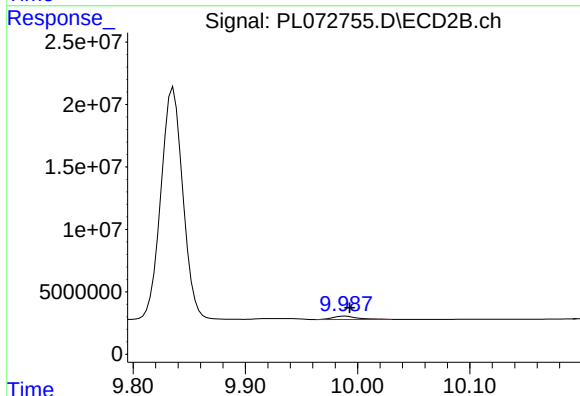
#21 Endrin ketone

R.T.: 9.218 min
Delta R.T.: -0.005 min
Response: 1879598
Conc: 2.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

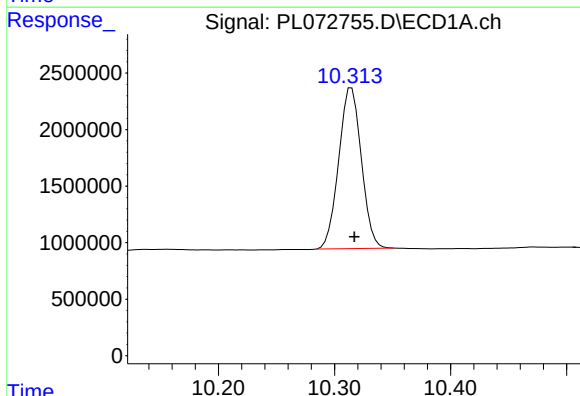
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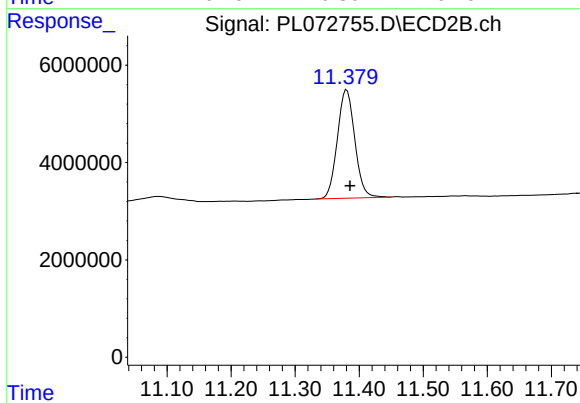
#21 Endrin ketone

R.T.: 9.989 min
Delta R.T.: -0.004 min
Response: 4020657
Conc: 2.52 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.315 min
Delta R.T.: -0.002 min
Response: 19275855
Conc: 25.46 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.381 min
Delta R.T.: -0.005 min
Response: 42223335
Conc: 26.63 ng/ml