

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021122\
 Data File : PL072620.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Feb 2022 16:07
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/14/2022
 Supervised By : Ankita Jodhani 02/14/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 12 00:43:00 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...	4.555	5.490	10865415	36847506	22.565	21.331
28)	SA Decachlor...	10.317	11.384	18439144	38182587	24.356	24.078
Target Compounds							
2)	A alpha-BHC	5.262	6.072	6603974	24124137	10.016	10.074
3)	MA gamma-BHC...	5.685	6.469	6547658	23561024	10.418	10.233
6)	B beta-BHC	6.068	6.729	3735509	12456662	15.075m	12.219
12)	B 4,4'-DDE	7.553	8.492	256846	423950	0.423	0.227m#
14)	MA Endrin	7.971	8.886	37022306	93711114	63.199	59.475
16)	A 4,4'-DDD	8.138	9.035	355327	987981	0.739m	0.714
17)	MA 4,4'-DDT	8.401	9.351	74111319	184.1E6	137.732	120.255
18)	B Endrin al...	8.476	9.259	358618	332551	0.823m	0.295 #
20)	A Methoxychlor	8.997	9.838	101.5E6	231.1E6	288.535	285.461
21)	B Endrin ke...	9.221	9.991	614345	1175616	0.894	0.738m

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

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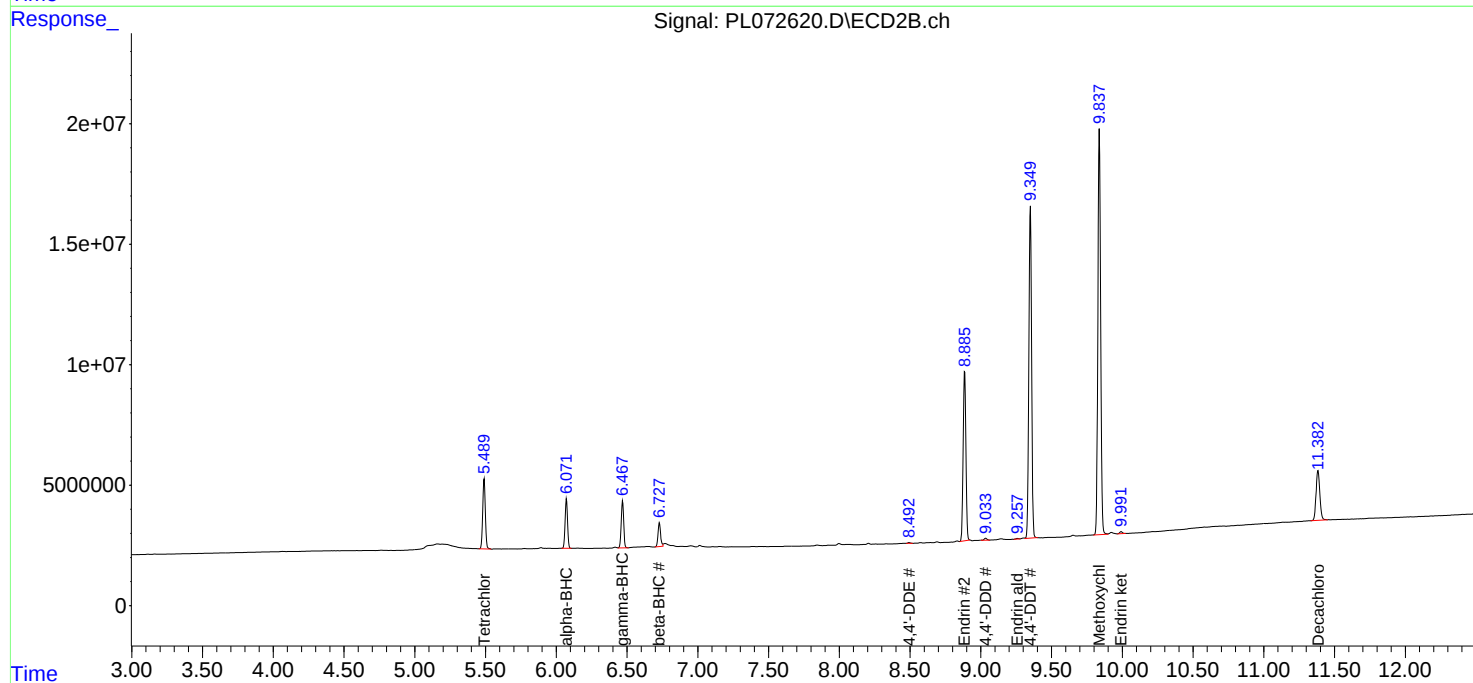
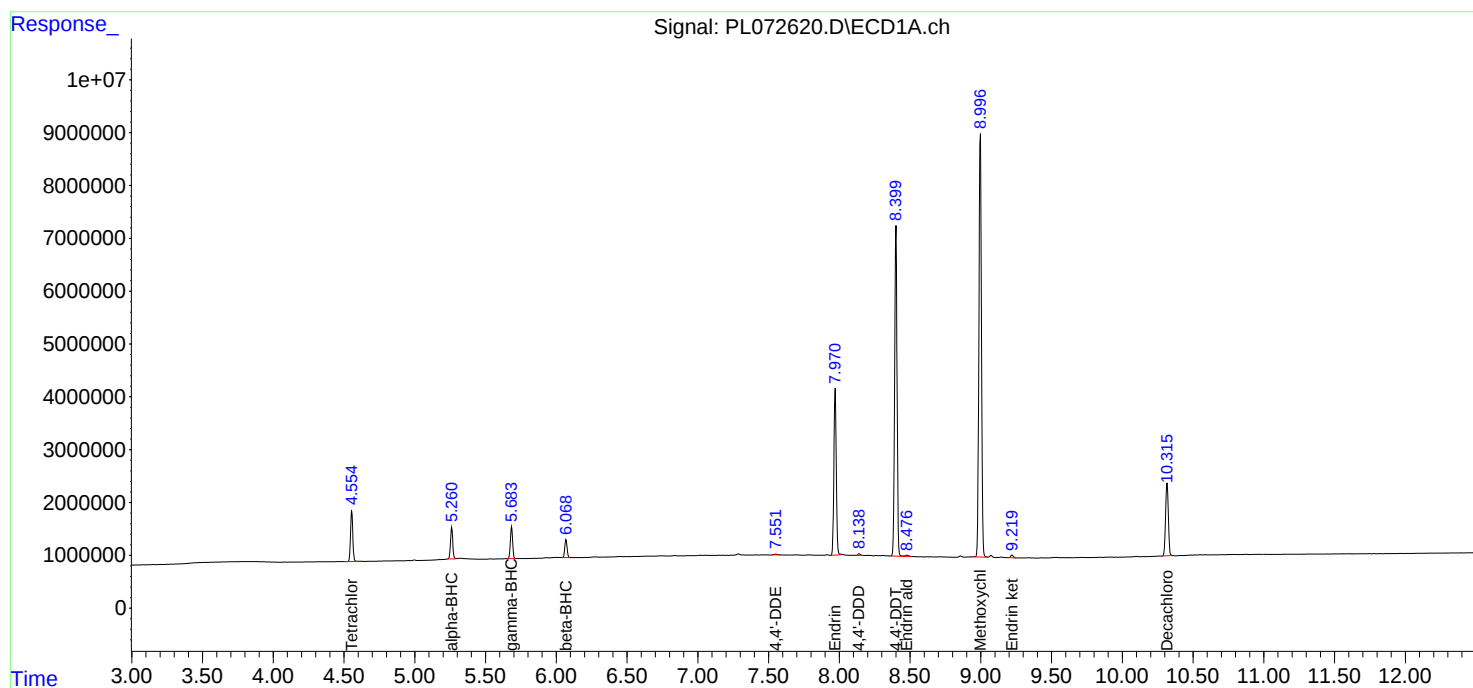
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PEM

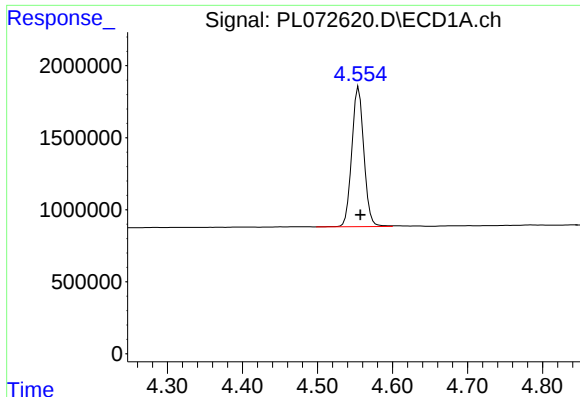
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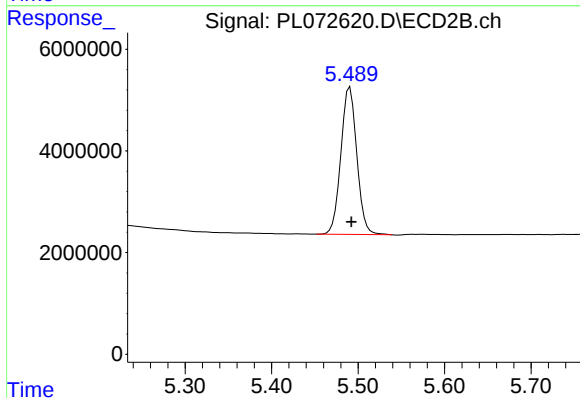
#1 Tetrachloro-m-xylene

R.T.: 4.555 min
Delta R.T.: -0.002 min
Response: 10865415
Conc: 22.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

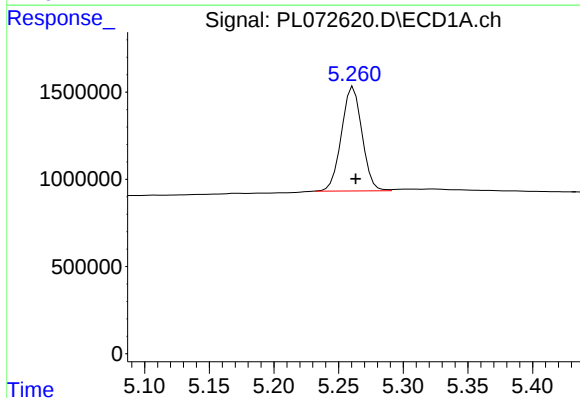
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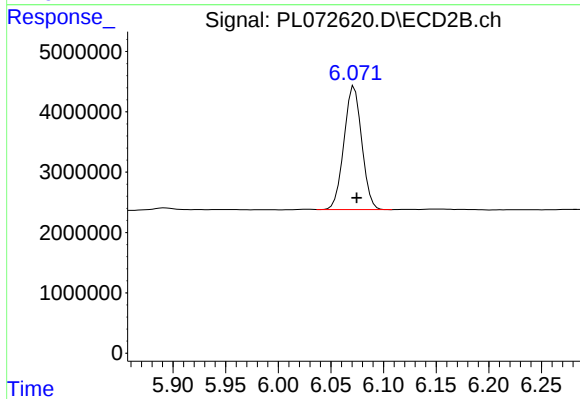
#1 Tetrachloro-m-xylene

R.T.: 5.490 min
Delta R.T.: -0.002 min
Response: 36847506
Conc: 21.33 ng/ml



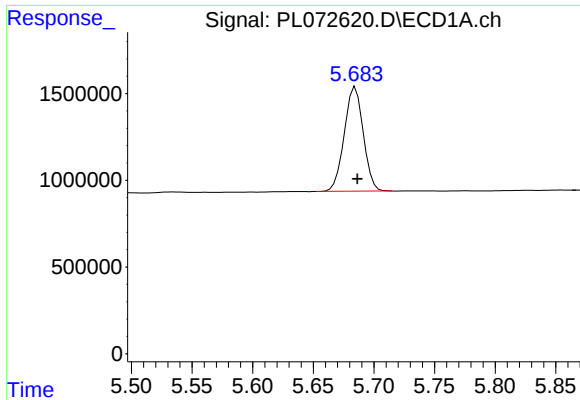
#2 alpha-BHC

R.T.: 5.262 min
Delta R.T.: -0.002 min
Response: 6603974
Conc: 10.02 ng/ml



#2 alpha-BHC

R.T.: 6.072 min
Delta R.T.: -0.002 min
Response: 24124137
Conc: 10.07 ng/ml



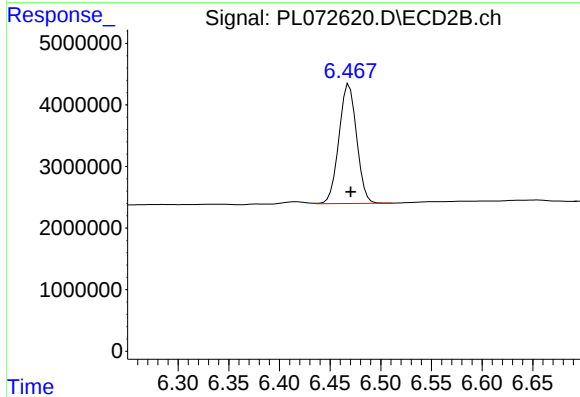
#3 gamma-BHC (Lindane)

R.T.: 5.685 min
Delta R.T.: -0.001 min
Response: 6547658
Conc: 10.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

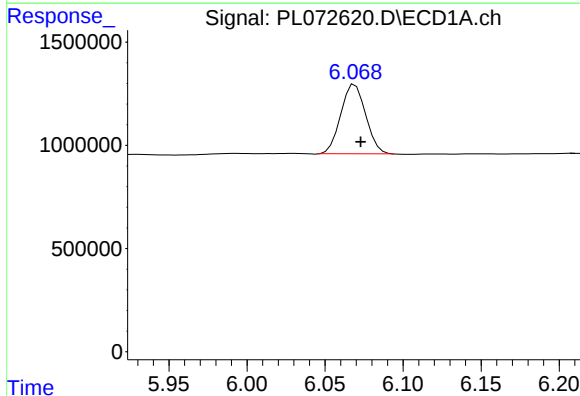
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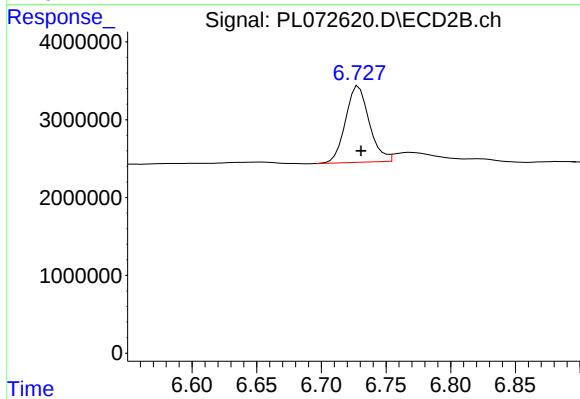
#3 gamma-BHC (Lindane)

R.T.: 6.469 min
Delta R.T.: -0.002 min
Response: 23561024
Conc: 10.23 ng/ml



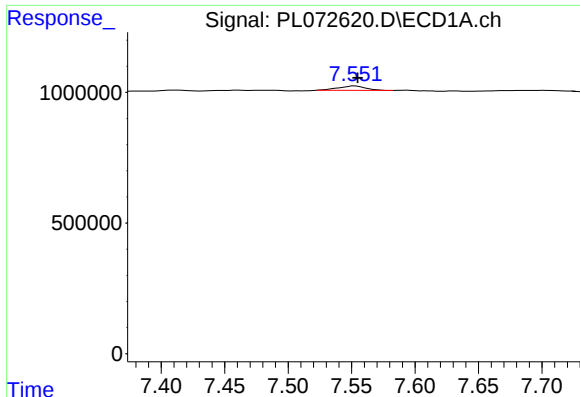
#6 beta-BHC

R.T.: 6.068 min
Delta R.T.: -0.005 min
Response: 3735509
Conc: 15.08 ng/ml m



#6 beta-BHC

R.T.: 6.729 min
Delta R.T.: -0.002 min
Response: 12456662
Conc: 12.22 ng/ml



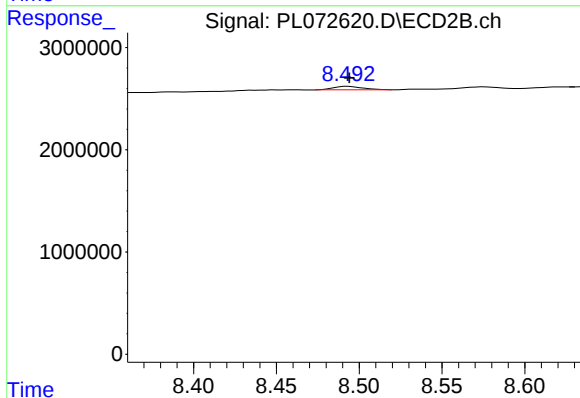
#12 4,4'-DDE

R.T.: 7.553 min
Delta R.T.: -0.002 min
Response: 256846
Conc: 0.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

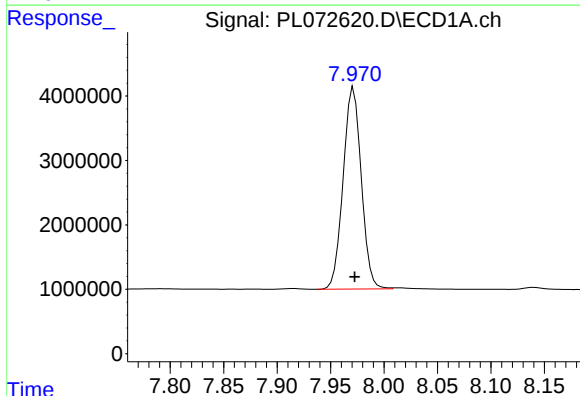
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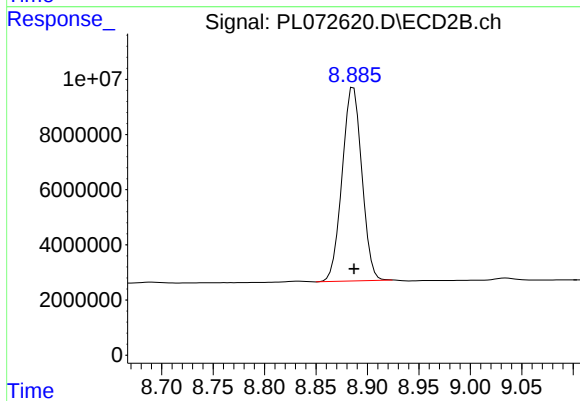
#12 4,4'-DDE

R.T.: 8.492 min
Delta R.T.: -0.002 min
Response: 423950
Conc: 0.23 ng/ml m



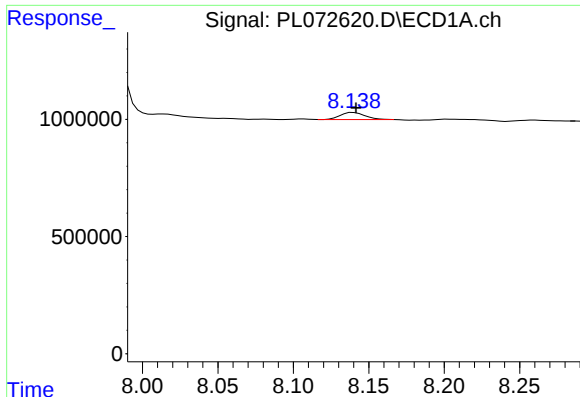
#14 Endrin

R.T.: 7.971 min
Delta R.T.: -0.001 min
Response: 37022306
Conc: 63.20 ng/ml



#14 Endrin

R.T.: 8.886 min
Delta R.T.: 0.000 min
Response: 93711114
Conc: 59.47 ng/ml



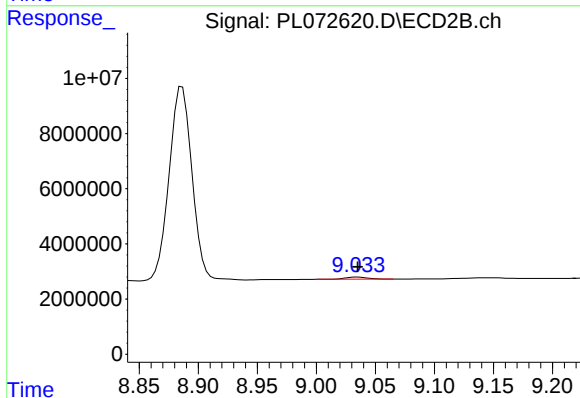
#16 4,4'-DDD

R.T.: 8.138 min
Delta R.T.: -0.003 min
Response: 355327
Conc: 0.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

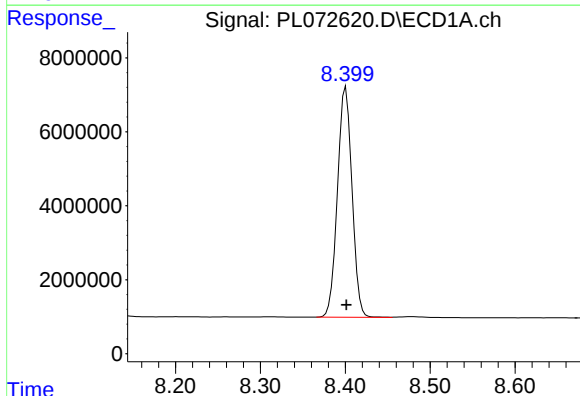
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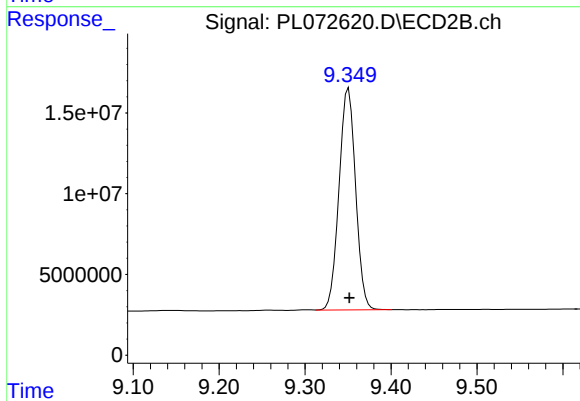
#16 4,4'-DDD

R.T.: 9.035 min
Delta R.T.: 0.000 min
Response: 987981
Conc: 0.71 ng/ml



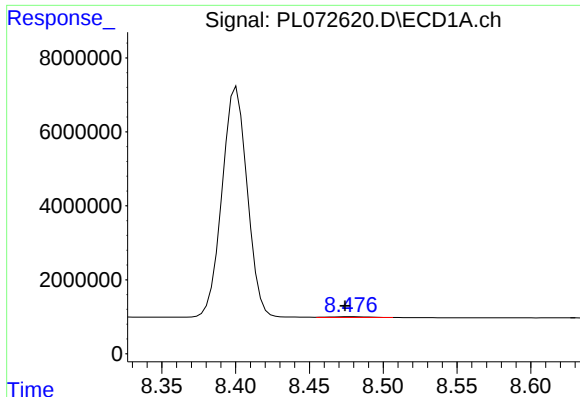
#17 4,4'-DDT

R.T.: 8.401 min
Delta R.T.: 0.000 min
Response: 74111319
Conc: 137.73 ng/ml



#17 4,4'-DDT

R.T.: 9.351 min
Delta R.T.: 0.000 min
Response: 184092266
Conc: 120.25 ng/ml



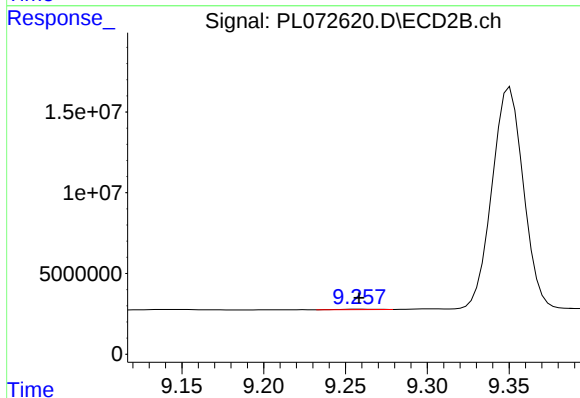
#18 Endrin aldehyde

R.T.: 8.476 min
Delta R.T.: 0.002 min
Response: 358618
Conc: 0.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

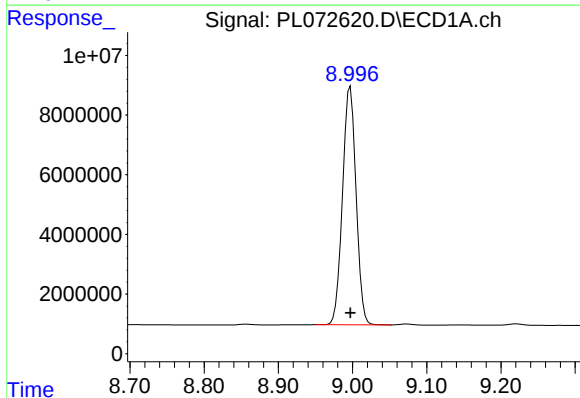
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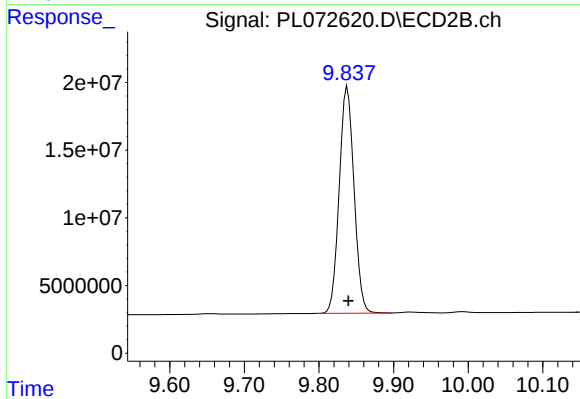
#18 Endrin aldehyde

R.T.: 9.259 min
Delta R.T.: 0.000 min
Response: 332551
Conc: 0.30 ng/ml



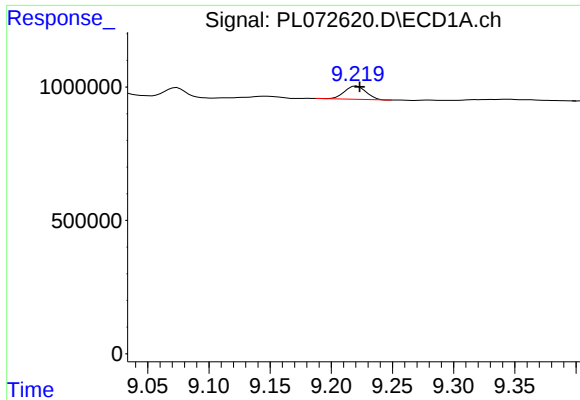
#20 Methoxychlor

R.T.: 8.997 min
Delta R.T.: 0.000 min
Response: 101455882
Conc: 288.54 ng/ml



#20 Methoxychlor

R.T.: 9.838 min
Delta R.T.: -0.001 min
Response: 231124228
Conc: 285.46 ng/ml



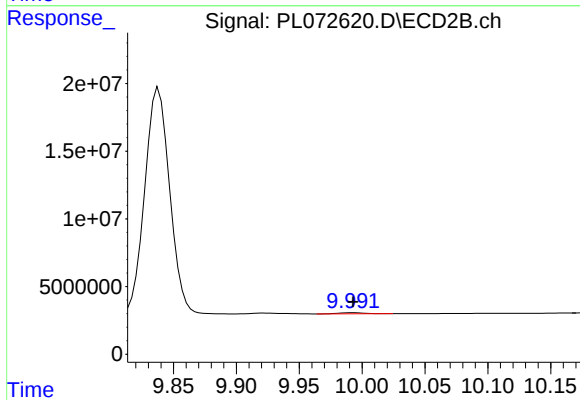
#21 Endrin ketone

R.T.: 9.221 min
Delta R.T.: -0.002 min
Response: 614345
Conc: 0.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

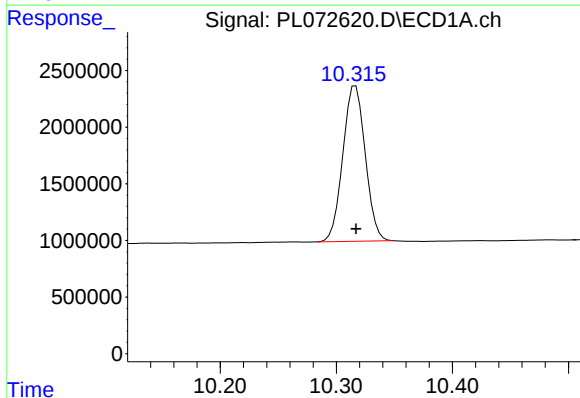
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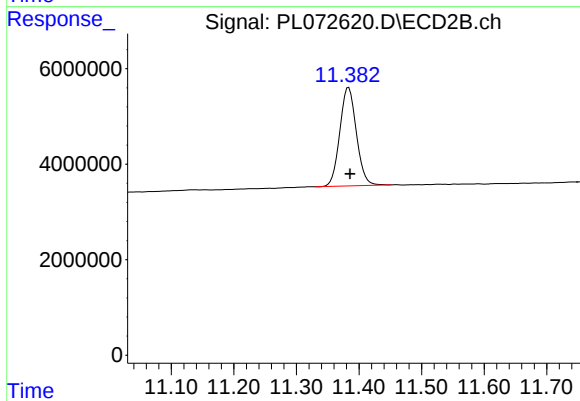
#21 Endrin ketone

R.T.: 9.991 min
Delta R.T.: -0.002 min
Response: 1175616
Conc: 0.74 ng/ml m



#28 Decachlorobiphenyl

R.T.: 10.317 min
Delta R.T.: 0.000 min
Response: 18439144
Conc: 24.36 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.384 min
Delta R.T.: -0.002 min
Response: 38182587
Conc: 24.08 ng/ml