

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102921\
 Data File : PL070637.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Oct 2021 02:20
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/29/2021
 Supervised By :mohammad ahmed 10/29/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 29 07:49:21 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102921.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 29 07:43:54 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...	4.583	5.518	9093042	28019082	20.166	20.142
28)	SA Decachlor...	10.347	11.419	13327001	28883674	22.324	20.205
Target Compounds							
2)	A alpha-BHC	5.289	6.098	5884865	19514542	9.175	9.207
3)	MA gamma-BHC...	5.712	6.494	5782698	18026337	9.283	9.065
6)	B beta-BHC	6.094	6.751	3477610	10819012	10.987	10.880
12)	B 4,4'-DDE	7.581	8.518	158371	359354	0.304m	0.199m#
14)	MA Endrin	8.001	8.913	28099458	73333779	52.324	48.424
17)	MA 4,4'-DDT	8.429	9.375	55121053	150.6E6	106.223	93.184
18)	B Endrin al...	8.504	9.283	198458	170581	0.465m	0.145m#
20)	A Methoxychlor	9.025	9.861	78232261	190.9E6	235.469	228.026m
21)	B Endrin ke...	9.247	10.016	388207	752641	0.612m	0.461

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

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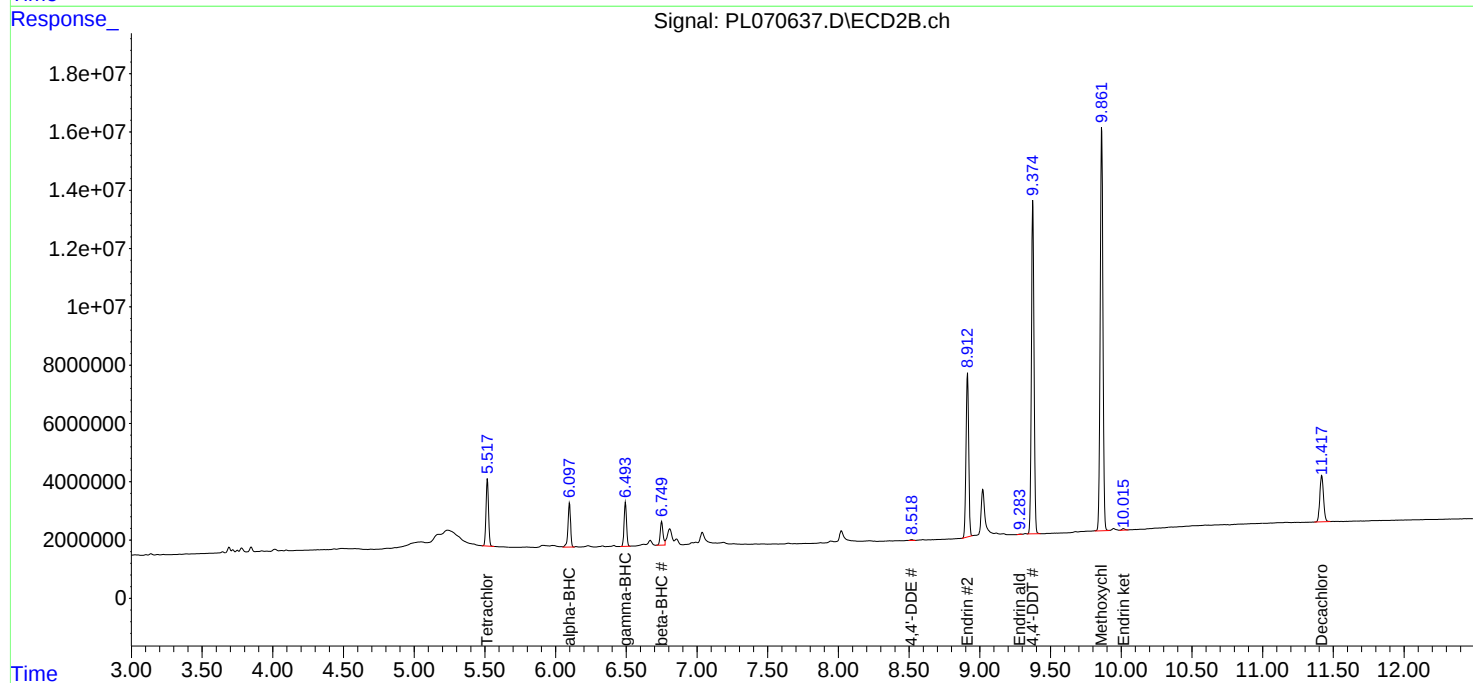
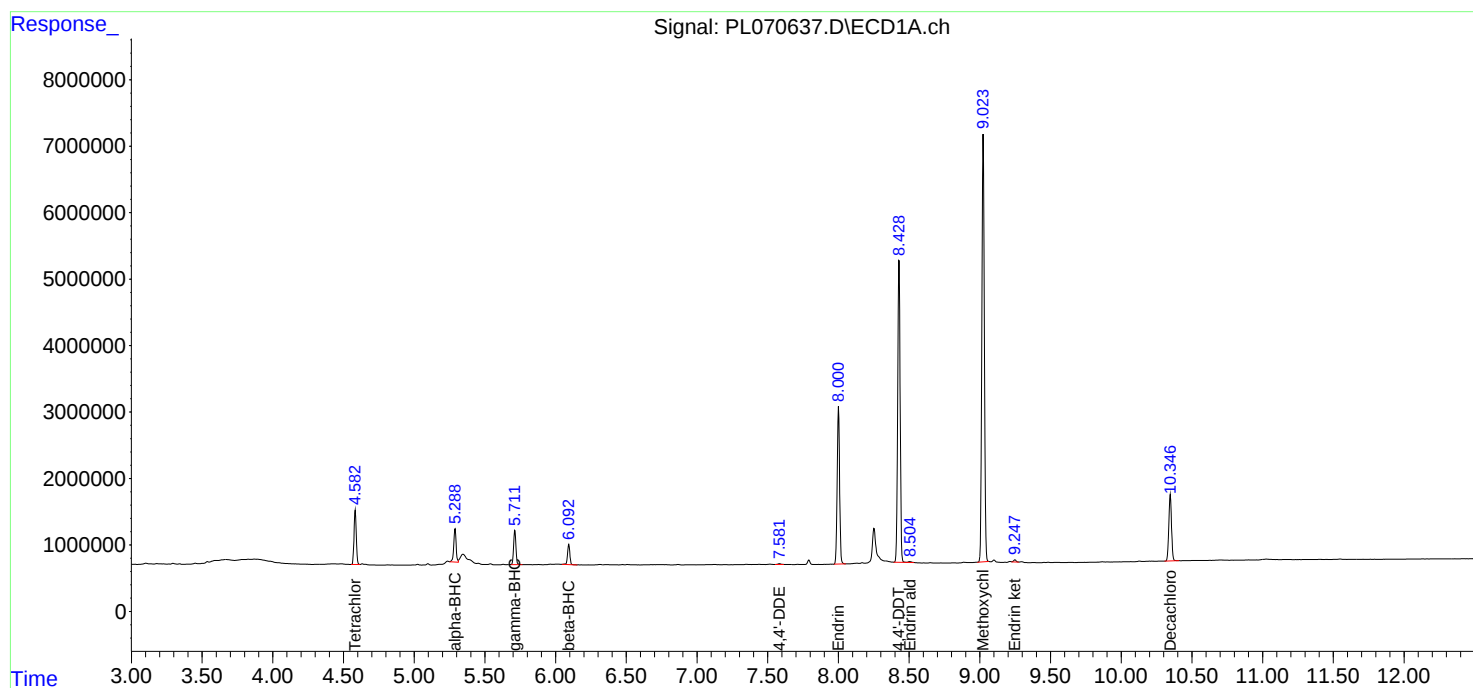
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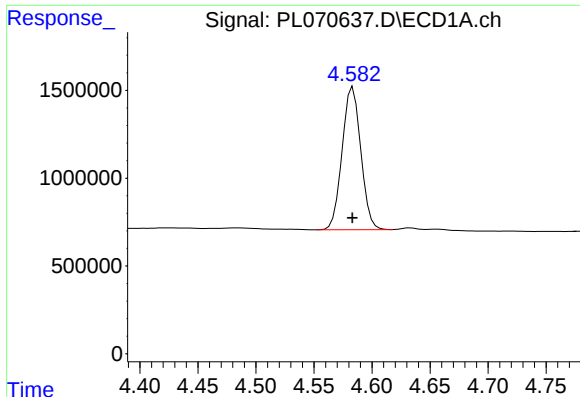
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Integration File signal 1: autoint1.e
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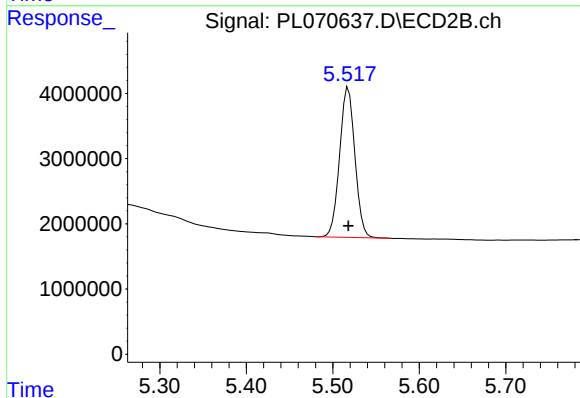
#1 Tetrachloro-m-xylene

R.T.: 4.583 min
Delta R.T.: 0.000 min
Response: 9093042
Conc: 20.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

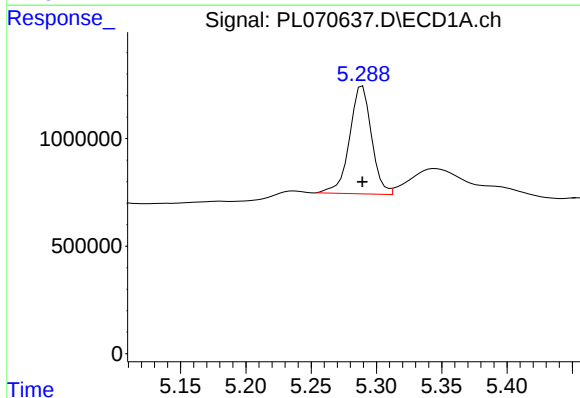
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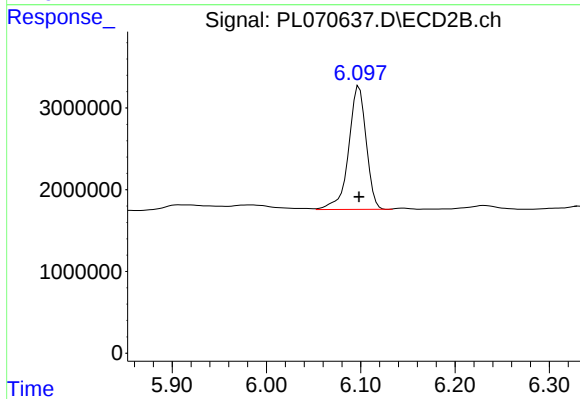
#1 Tetrachloro-m-xylene

R.T.: 5.518 min
Delta R.T.: 0.000 min
Response: 28019082
Conc: 20.14 ng/ml



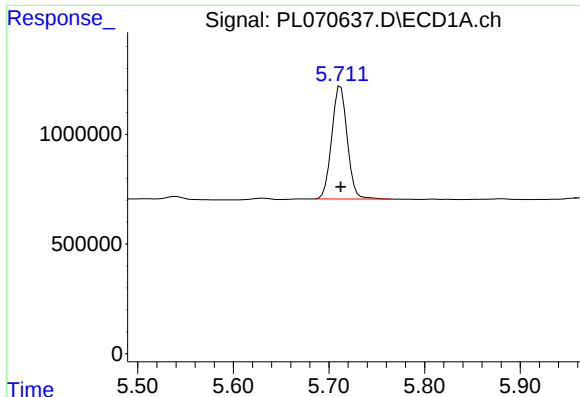
#2 alpha-BHC

R.T.: 5.289 min
Delta R.T.: 0.000 min
Response: 5884865
Conc: 9.17 ng/ml



#2 alpha-BHC

R.T.: 6.098 min
Delta R.T.: 0.000 min
Response: 19514542
Conc: 9.21 ng/ml



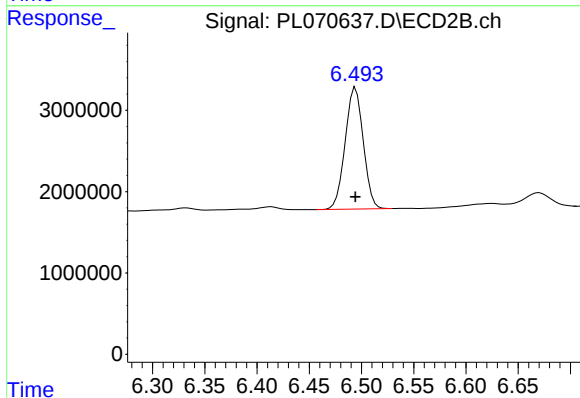
#3 gamma-BHC (Lindane)

R.T.: 5.712 min
Delta R.T.: 0.000 min
Response: 5782698
Conc: 9.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

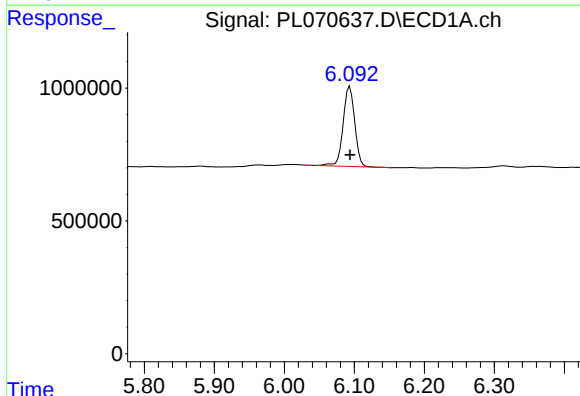
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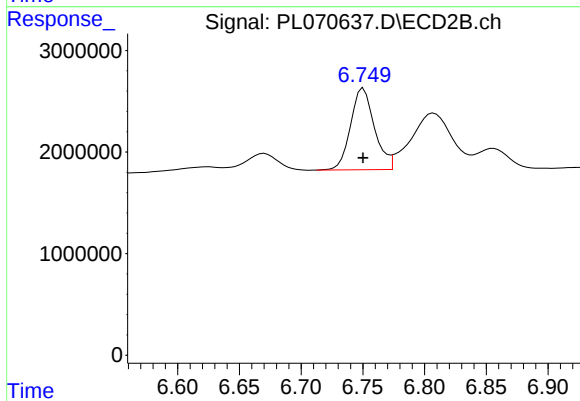
#3 gamma-BHC (Lindane)

R.T.: 6.494 min
Delta R.T.: 0.000 min
Response: 18026337
Conc: 9.06 ng/ml



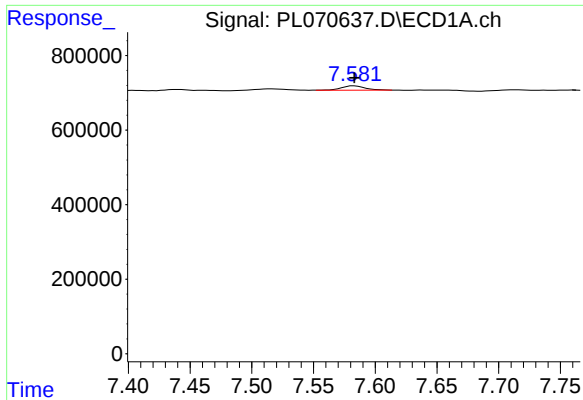
#6 beta-BHC

R.T.: 6.094 min
Delta R.T.: 0.000 min
Response: 3477610
Conc: 10.99 ng/ml



#6 beta-BHC

R.T.: 6.751 min
Delta R.T.: 0.000 min
Response: 10819012
Conc: 10.88 ng/ml



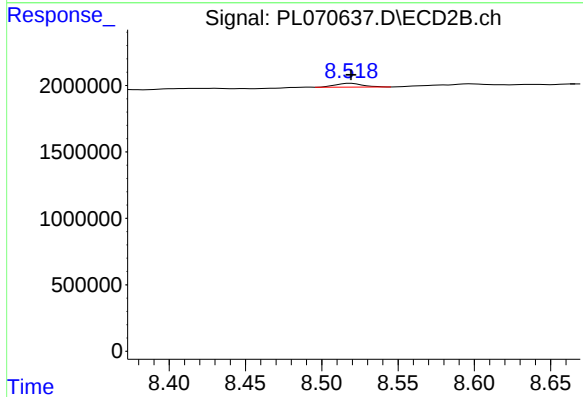
#12 4,4'-DDE

R.T.: 7.581 min
Delta R.T.: -0.002 min
Response: 158371
Conc: 0.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

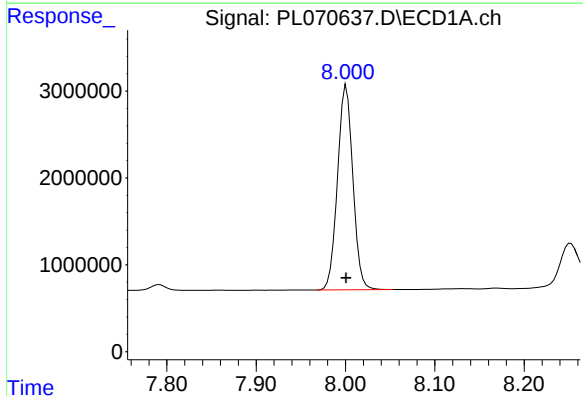
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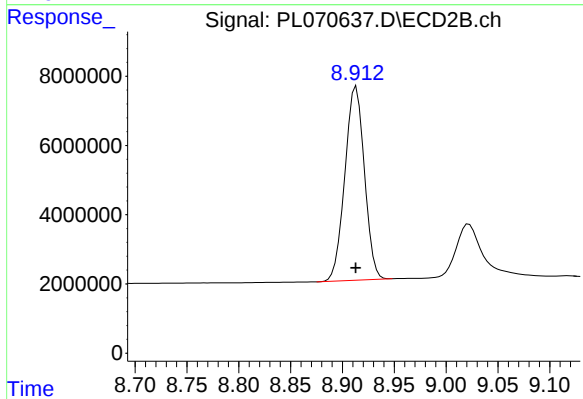
#12 4,4'-DDE

R.T.: 8.518 min
Delta R.T.: -0.002 min
Response: 359354
Conc: 0.20 ng/ml m



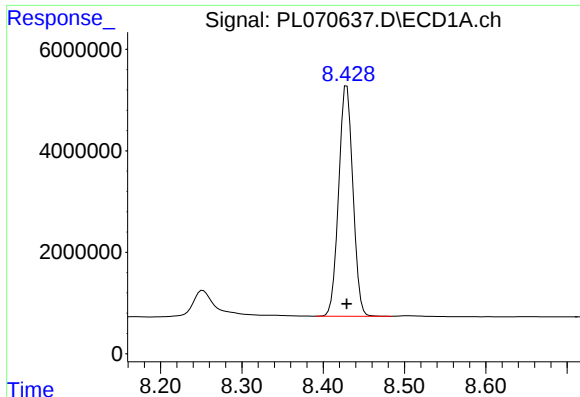
#14 Endrin

R.T.: 8.001 min
Delta R.T.: 0.000 min
Response: 28099458
Conc: 52.32 ng/ml



#14 Endrin

R.T.: 8.913 min
Delta R.T.: 0.000 min
Response: 73333779
Conc: 48.42 ng/ml



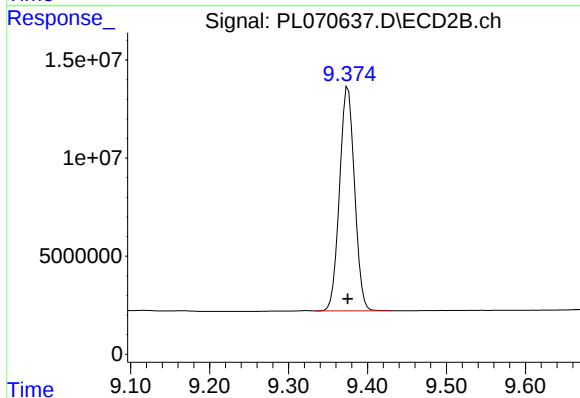
#17 4,4'-DDT

R.T.: 8.429 min
Delta R.T.: 0.000 min
Response: 55121053
Conc: 106.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

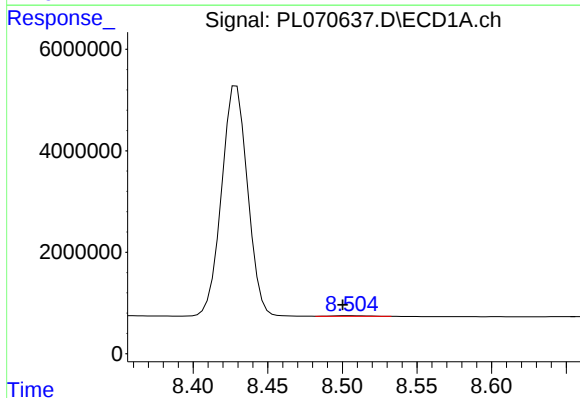
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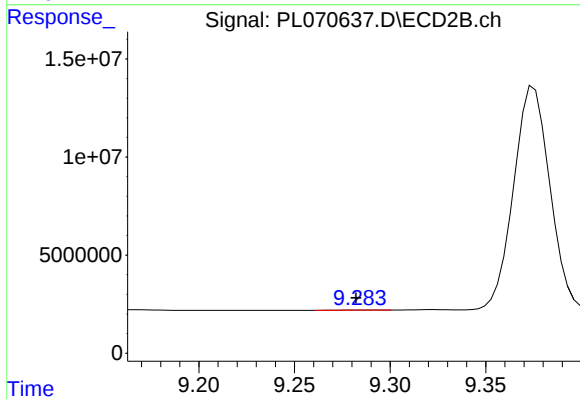
#17 4,4'-DDT

R.T.: 9.375 min
Delta R.T.: 0.000 min
Response: 150633777
Conc: 93.18 ng/ml



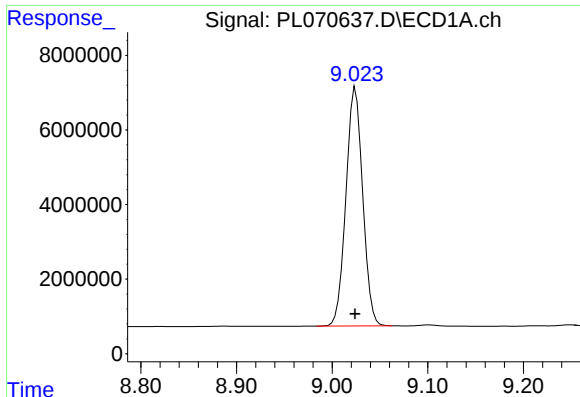
#18 Endrin aldehyde

R.T.: 8.504 min
Delta R.T.: 0.004 min
Response: 198458
Conc: 0.47 ng/ml m



#18 Endrin aldehyde

R.T.: 9.283 min
Delta R.T.: 0.000 min
Response: 170581
Conc: 0.14 ng/ml m



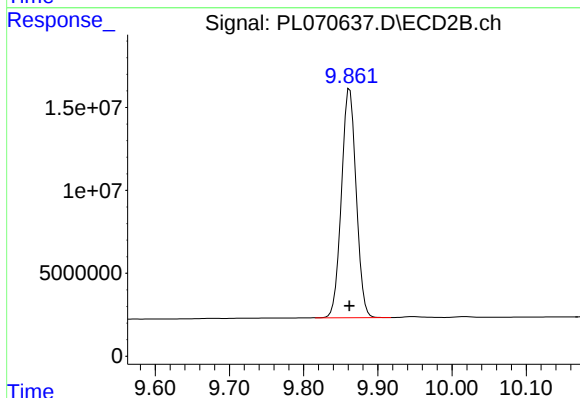
#20 Methoxychlor

R.T.: 9.025 min
Delta R.T.: 0.000 min
Response: 78232261
Conc: 235.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

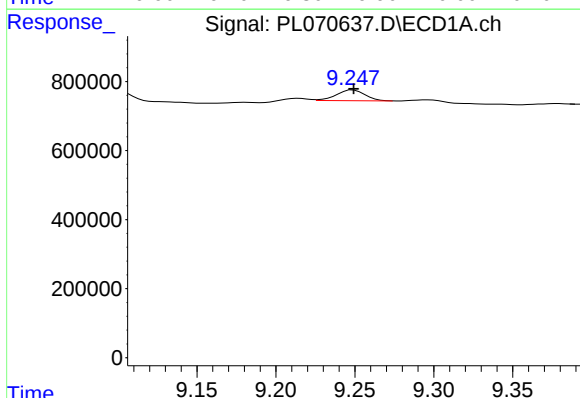
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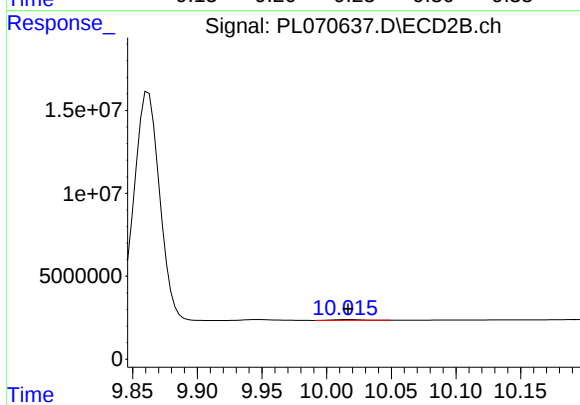
#20 Methoxychlor

R.T.: 9.861 min
Delta R.T.: 0.000 min
Response: 190893585
Conc: 228.03 ng/ml m



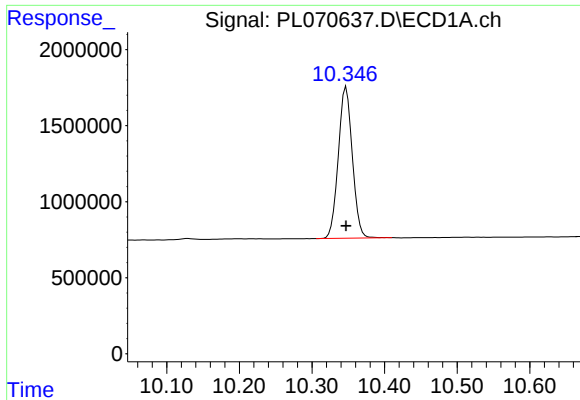
#21 Endrin ketone

R.T.: 9.247 min
Delta R.T.: -0.002 min
Response: 388207
Conc: 0.61 ng/ml m



#21 Endrin ketone

R.T.: 10.016 min
Delta R.T.: 0.000 min
Response: 752641
Conc: 0.46 ng/ml



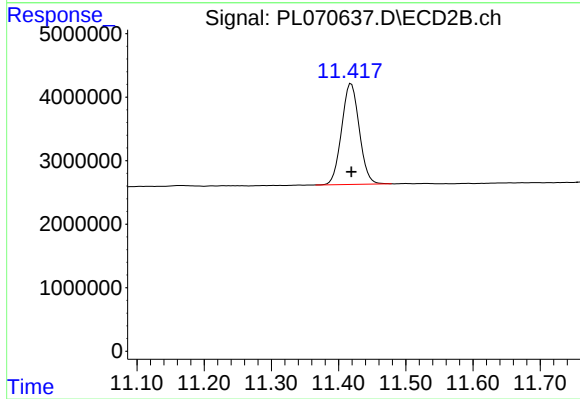
#28 Decachlorobiphenyl

R.T.: 10.347 min
Delta R.T.: 0.000 min
Response: 13327001
Conc: 22.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 11.419 min
Delta R.T.: 0.000 min
Response: 28883674
Conc: 20.20 ng/ml