

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110921\
 Data File : PL070868.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Nov 2021 10:31
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 11/10/2021
 Supervised By : mohammad ahmed 11/10/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 10 04:31:58 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110321.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 04 19:28:07 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...	4.569	5.504	8803856	23714541	17.974	18.808
28)	SA Decachlor...	10.334	11.399	12835072	26153258	18.784	19.556
Target Compounds							
2)	A alpha-BHC	5.275	6.084	5511722	16351090	8.234	8.883
3)	MA gamma-BHC...	5.698	6.480	5189163	15169205	7.736	8.748
6)	B beta-BHC	6.081	6.737	3013417	7825741	9.277	9.133
12)	B 4,4'-DDE	7.568	8.506	110455	284247	0.190m	0.193m
14)	MA Endrin	7.987	8.898	25102603	60387737	44.275	52.135
16)	A 4,4'-DDD	8.154	9.044	161724	264226	0.318m	0.220m#
17)	MA 4,4'-DDT	8.416	9.362	50292322	119.2E6	91.445	94.461
20)	A Methoxychlor	9.012	9.849	73861821	157.1E6	201.896	232.101
21)	B Endrin ke...	9.235	10.003	318199	1126083	0.445m	0.784 #

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

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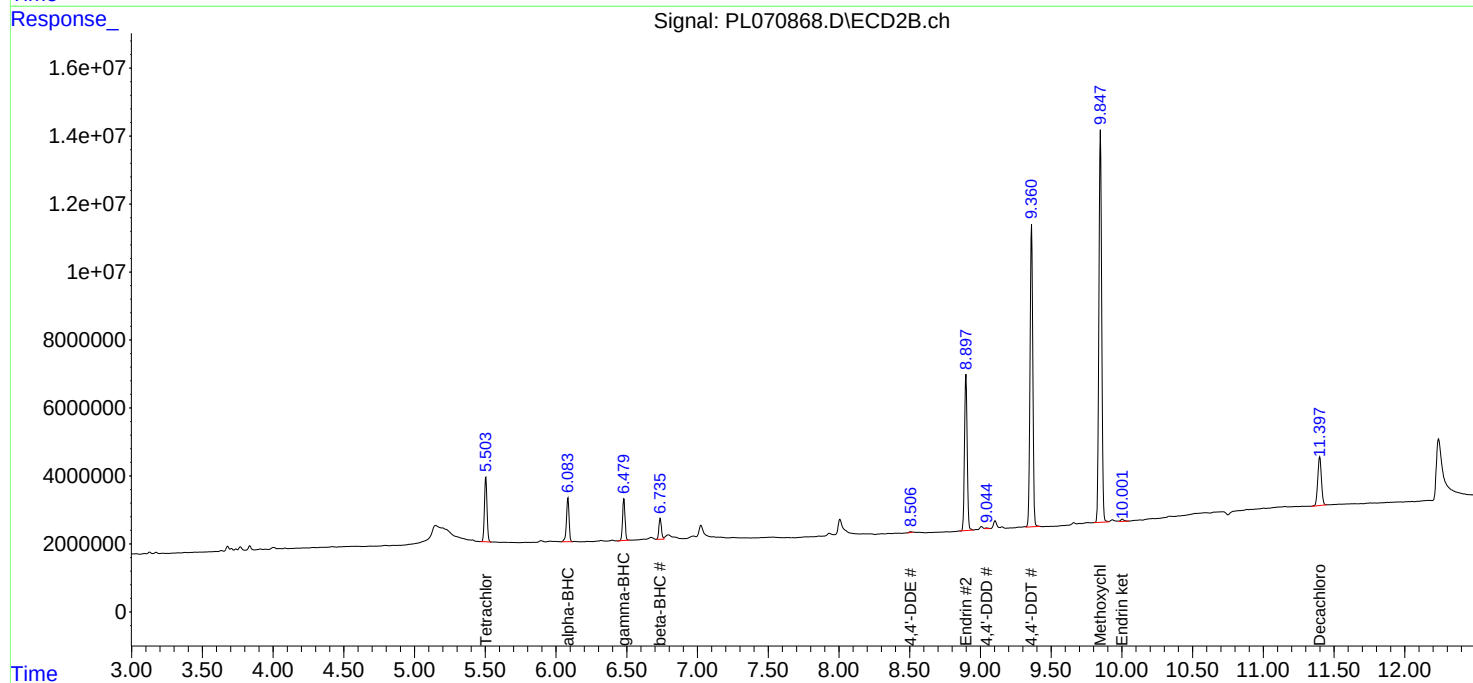
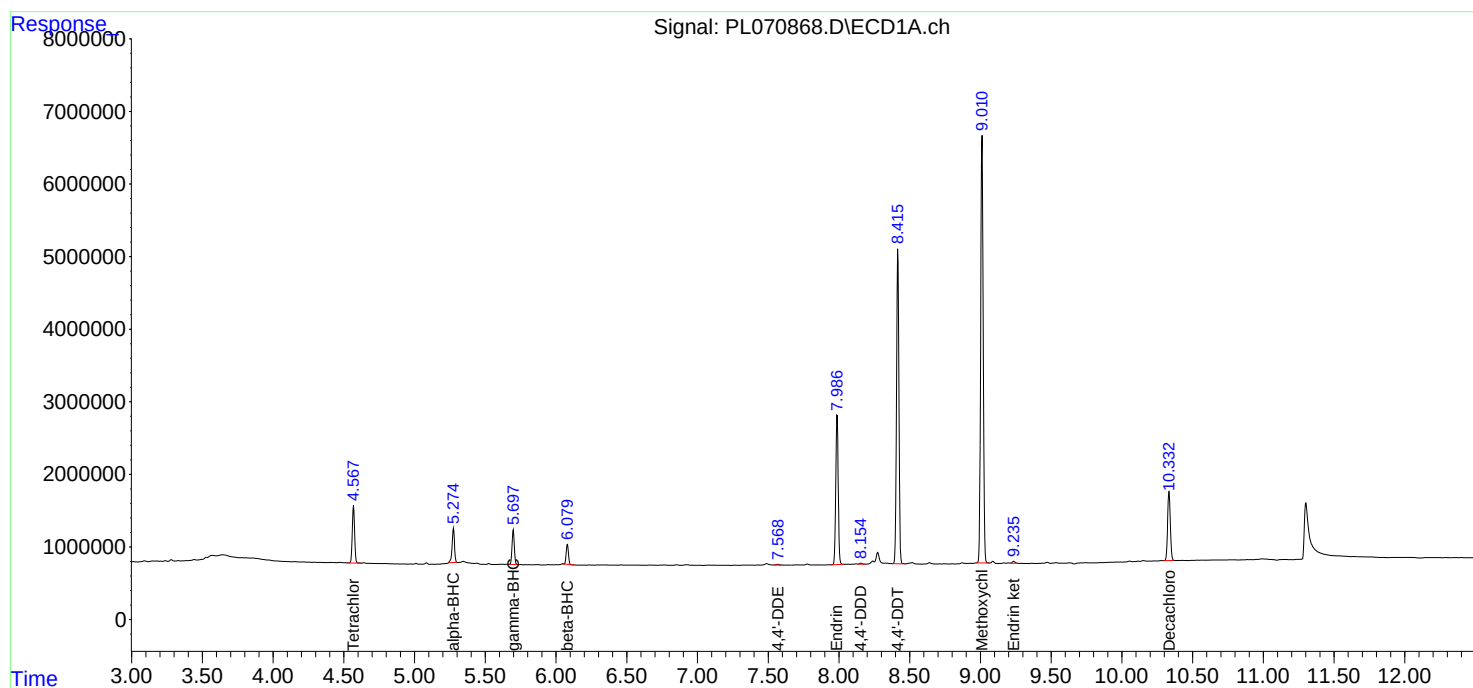
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ClientSampleId :
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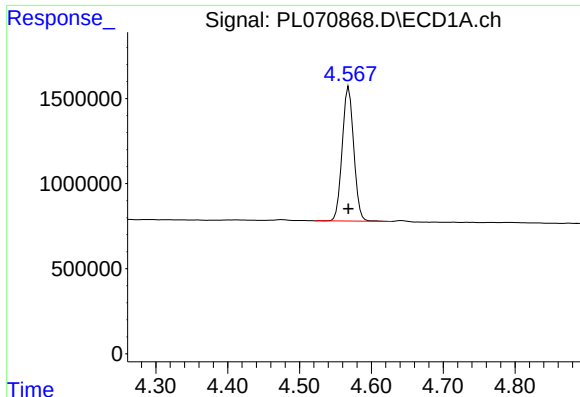
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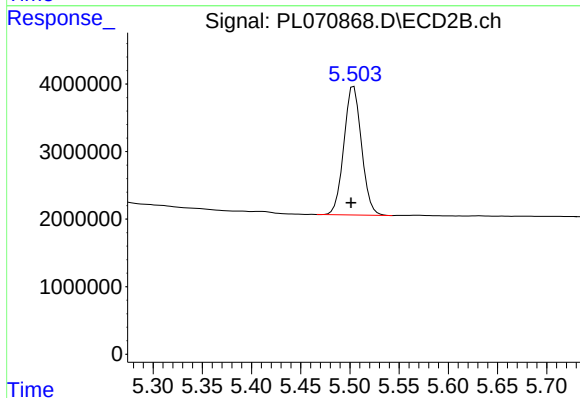
#1 Tetrachloro-m-xylene

R.T.: 4.569 min
Delta R.T.: 0.000 min
Response: 8803856
Conc: 17.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

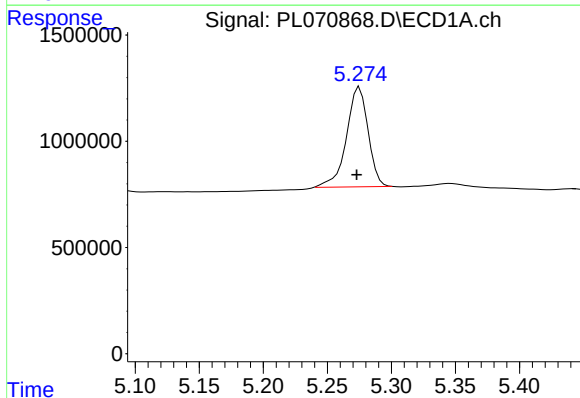
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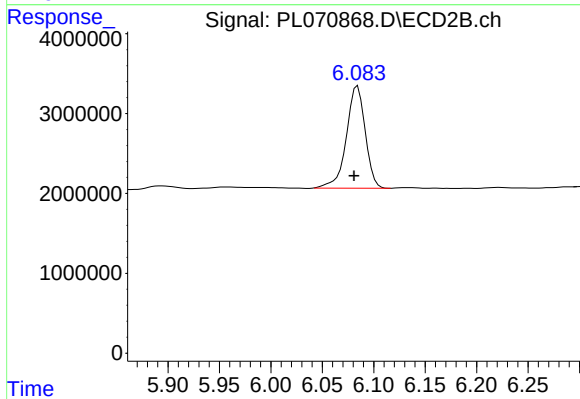
#1 Tetrachloro-m-xylene

R.T.: 5.504 min
Delta R.T.: 0.003 min
Response: 23714541
Conc: 18.81 ng/ml



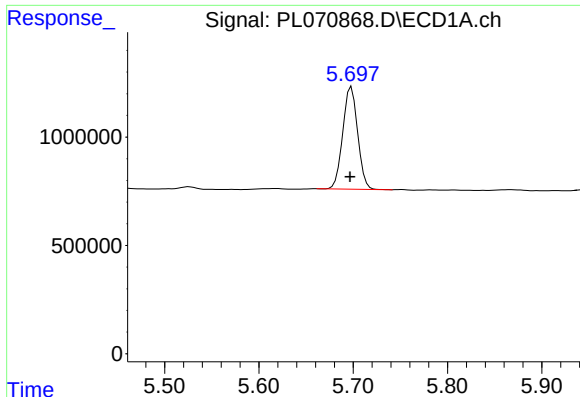
#2 alpha-BHC

R.T.: 5.275 min
Delta R.T.: 0.002 min
Response: 5511722
Conc: 8.23 ng/ml



#2 alpha-BHC

R.T.: 6.084 min
Delta R.T.: 0.003 min
Response: 16351090
Conc: 8.88 ng/ml



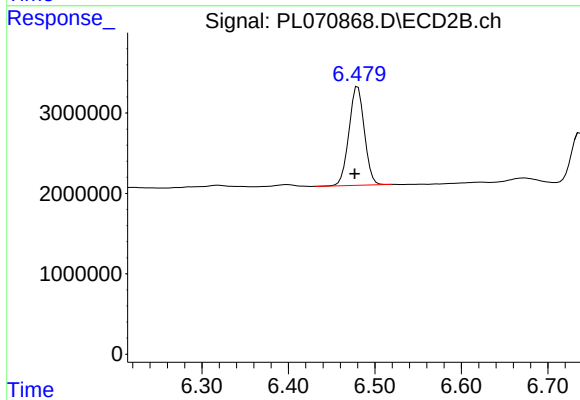
#3 gamma-BHC (Lindane)

R.T.: 5.698 min
Delta R.T.: 0.001 min
Response: 5189163
Conc: 7.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

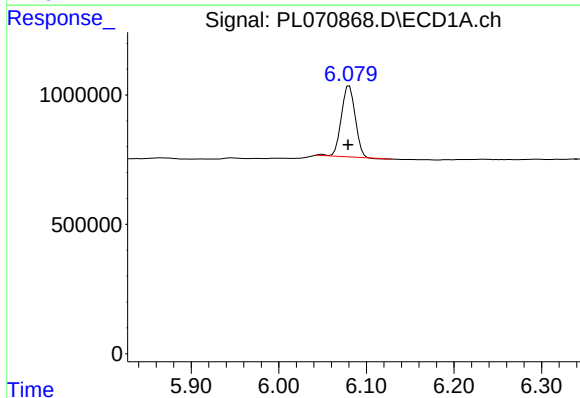
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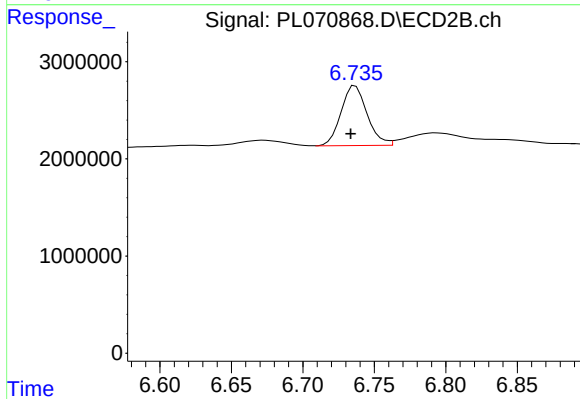
#3 gamma-BHC (Lindane)

R.T.: 6.480 min
Delta R.T.: 0.004 min
Response: 15169205
Conc: 8.75 ng/ml



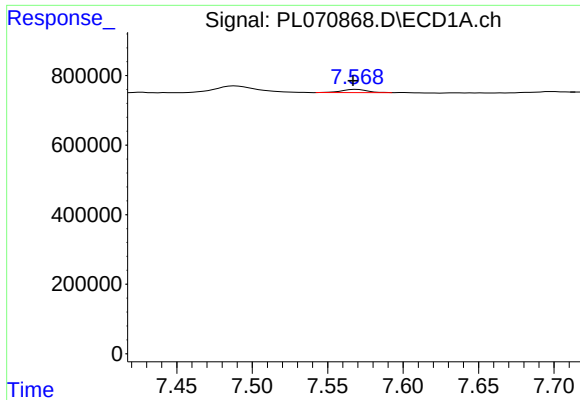
#6 beta-BHC

R.T.: 6.081 min
Delta R.T.: 0.001 min
Response: 3013417
Conc: 9.28 ng/ml



#6 beta-BHC

R.T.: 6.737 min
Delta R.T.: 0.003 min
Response: 7825741
Conc: 9.13 ng/ml



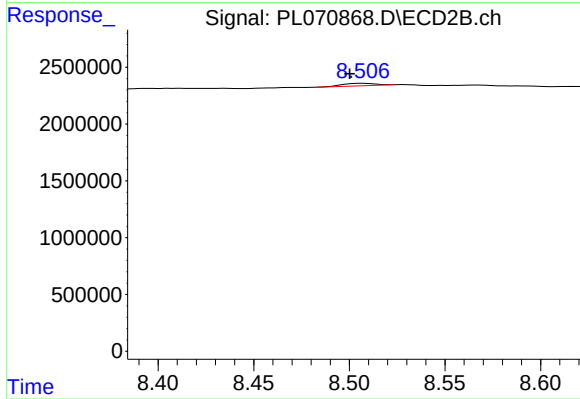
#12 4,4'-DDE

R.T.: 7.568 min
Delta R.T.: 0.000 min
Response: 110455
Conc: 0.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

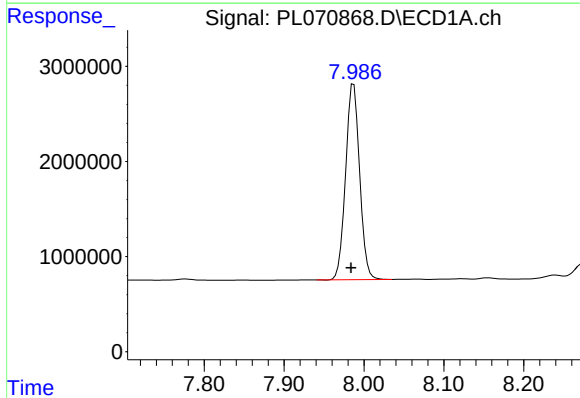
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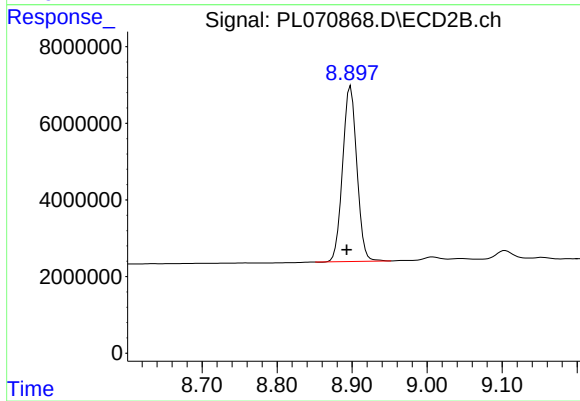
#12 4,4'-DDE

R.T.: 8.506 min
Delta R.T.: 0.005 min
Response: 284247
Conc: 0.19 ng/ml m



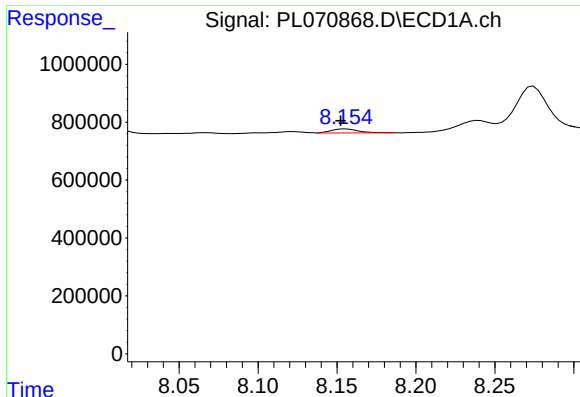
#14 Endrin

R.T.: 7.987 min
Delta R.T.: 0.003 min
Response: 25102603
Conc: 44.28 ng/ml



#14 Endrin

R.T.: 8.898 min
Delta R.T.: 0.005 min
Response: 60387737
Conc: 52.13 ng/ml



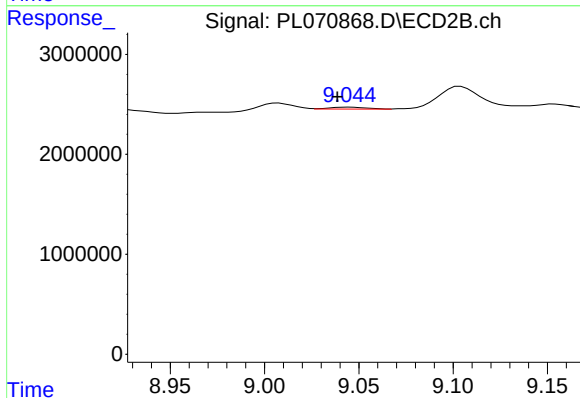
#16 4,4'-DDD

R.T.: 8.154 min
Delta R.T.: 0.002 min
Response: 161724
Conc: 0.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

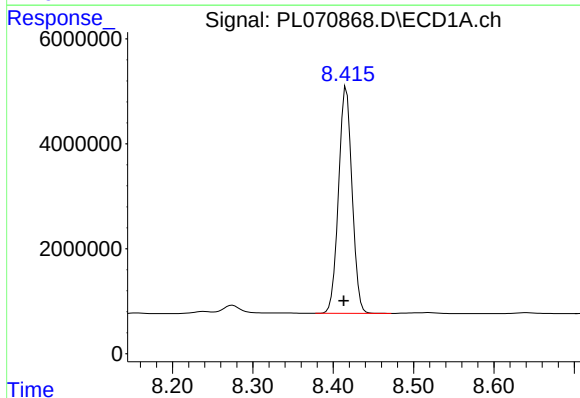
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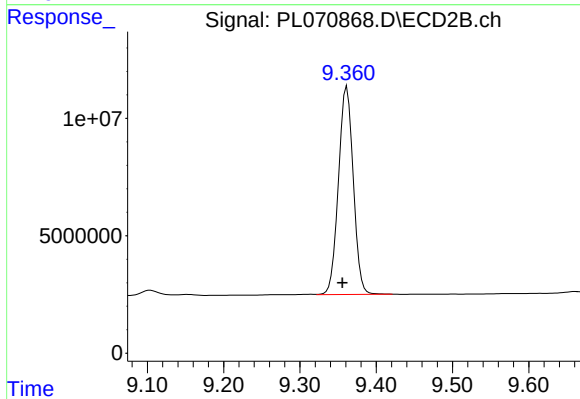
#16 4,4'-DDD

R.T.: 9.044 min
Delta R.T.: 0.005 min
Response: 264226
Conc: 0.22 ng/ml m



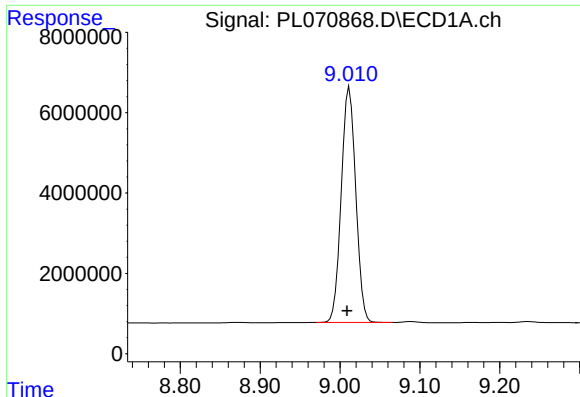
#17 4,4'-DDT

R.T.: 8.416 min
Delta R.T.: 0.003 min
Response: 50292322
Conc: 91.44 ng/ml



#17 4,4'-DDT

R.T.: 9.362 min
Delta R.T.: 0.006 min
Response: 119169404
Conc: 94.46 ng/ml



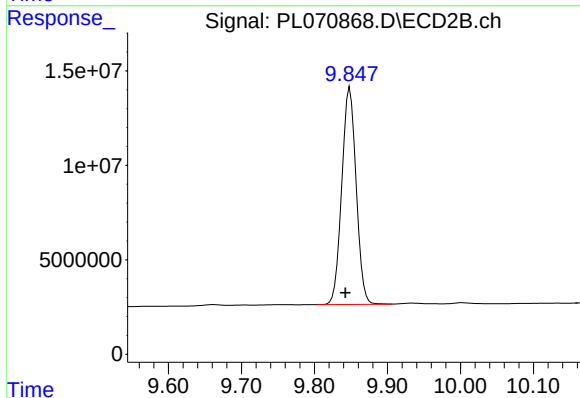
#20 Methoxychlor

R.T.: 9.012 min
Delta R.T.: 0.003 min
Response: 73861821
Conc: 201.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

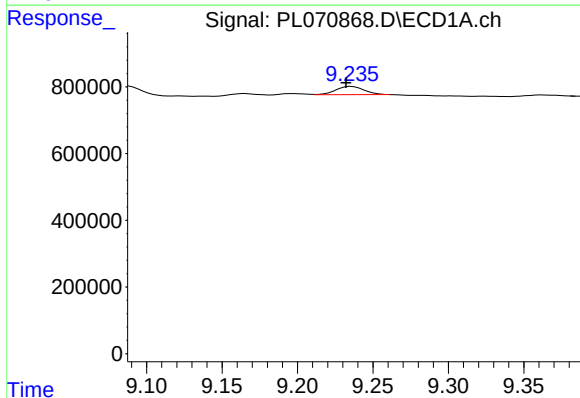
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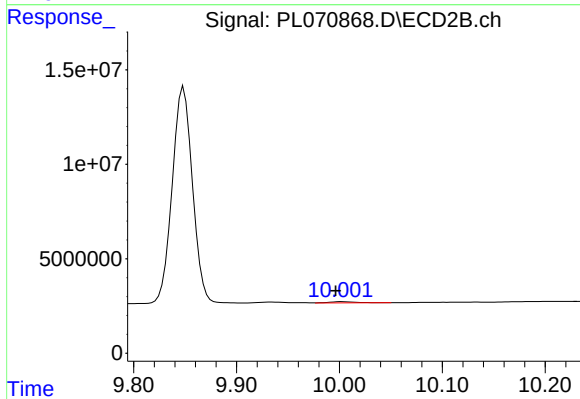
#20 Methoxychlor

R.T.: 9.849 min
Delta R.T.: 0.006 min
Response: 157086698
Conc: 232.10 ng/ml



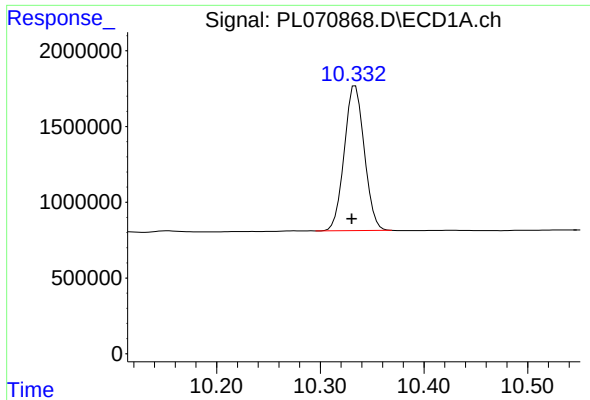
#21 Endrin ketone

R.T.: 9.235 min
Delta R.T.: 0.002 min
Response: 318199
Conc: 0.44 ng/ml m



#21 Endrin ketone

R.T.: 10.003 min
Delta R.T.: 0.007 min
Response: 1126083
Conc: 0.78 ng/ml



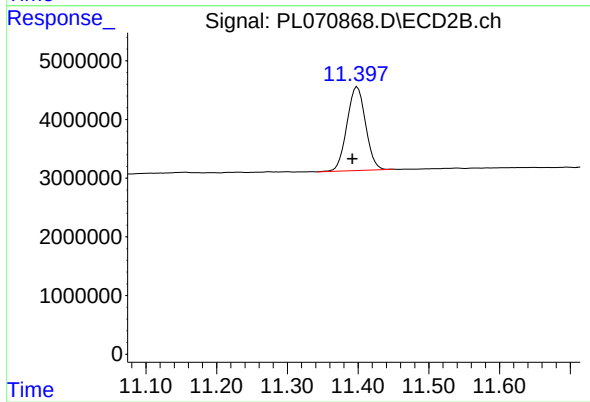
#28 Decachlorobiphenyl

R.T.: 10.334 min
Delta R.T.: 0.003 min
Response: 12835072
Conc: 18.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 11.399 min
Delta R.T.: 0.007 min
Response: 26153258
Conc: 19.56 ng/ml