

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111021\
 Data File : PL070890.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Nov 2021 09:35
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 11/11/2021
 Supervised By : Ankita Jodhani 11/11/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 11 00:27:47 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	9232136	25552358	18.849	20.266
28)	SA Decachlor...	10.334	11.398	13450205	27826939	19.684	20.807
Target Compounds							
2)	A alpha-BHC	5.275	6.084	5391260	17553543	8.054	9.536
3)	MA gamma-BHC...	5.698	6.480	5556108	16367207	8.283	9.439
6)	B beta-BHC	6.081	6.737	3245515	9246270	9.991	10.791
12)	B 4,4'-DDE	7.569	8.504	204410	357092	0.351m	0.242m#
14)	MA Endrin	7.987	8.897	26089126	63886118	46.015	55.155
16)	A 4,4'-DDD	8.154	9.043	385659	824478	0.759m	0.685m
17)	MA 4,4'-DDT	8.417	9.361	51305077	130.1E6	93.286	103.142
18)	B Endrin al...	8.488	9.268	290892	783420	0.640m	0.810 #
20)	A Methoxychlor	9.012	9.847	74720661	166.6E6	204.244	246.090
21)	B Endrin ke...	9.236	10.001	1133700	1522076	1.585	1.060 #

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

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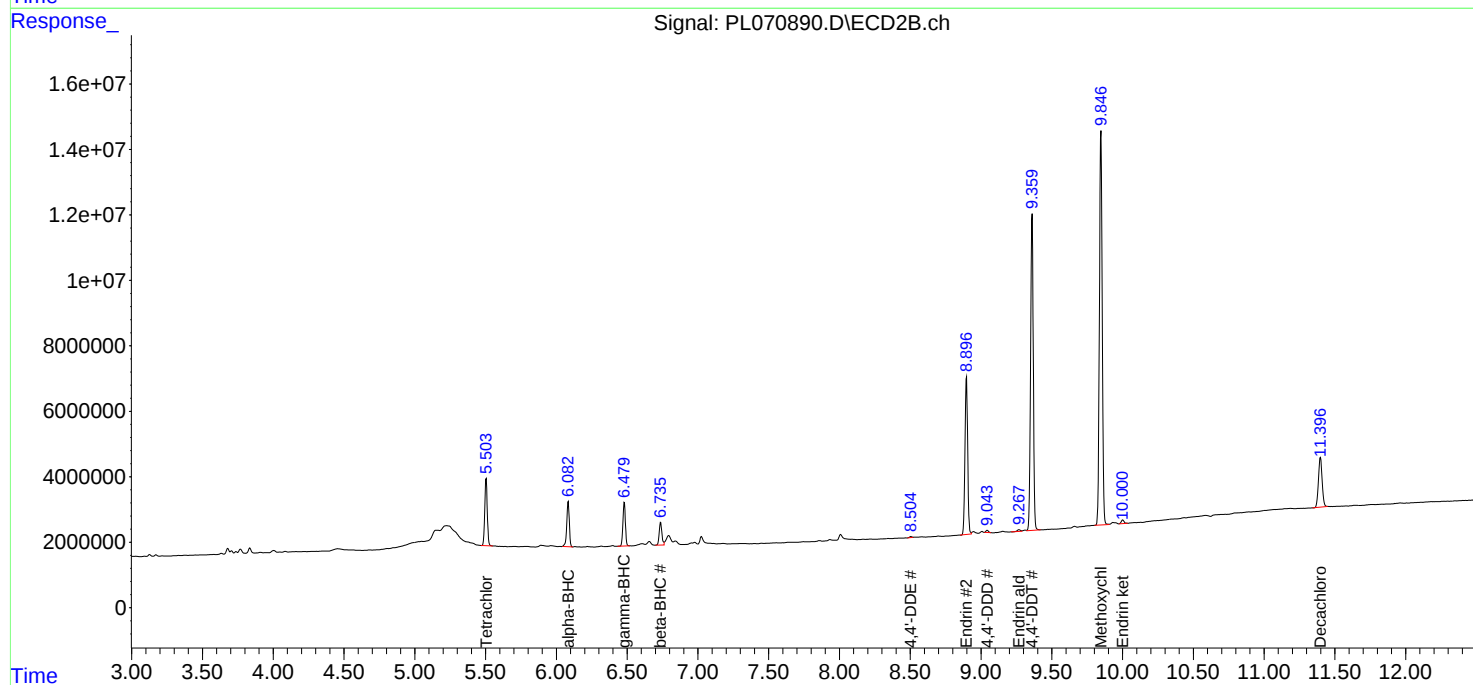
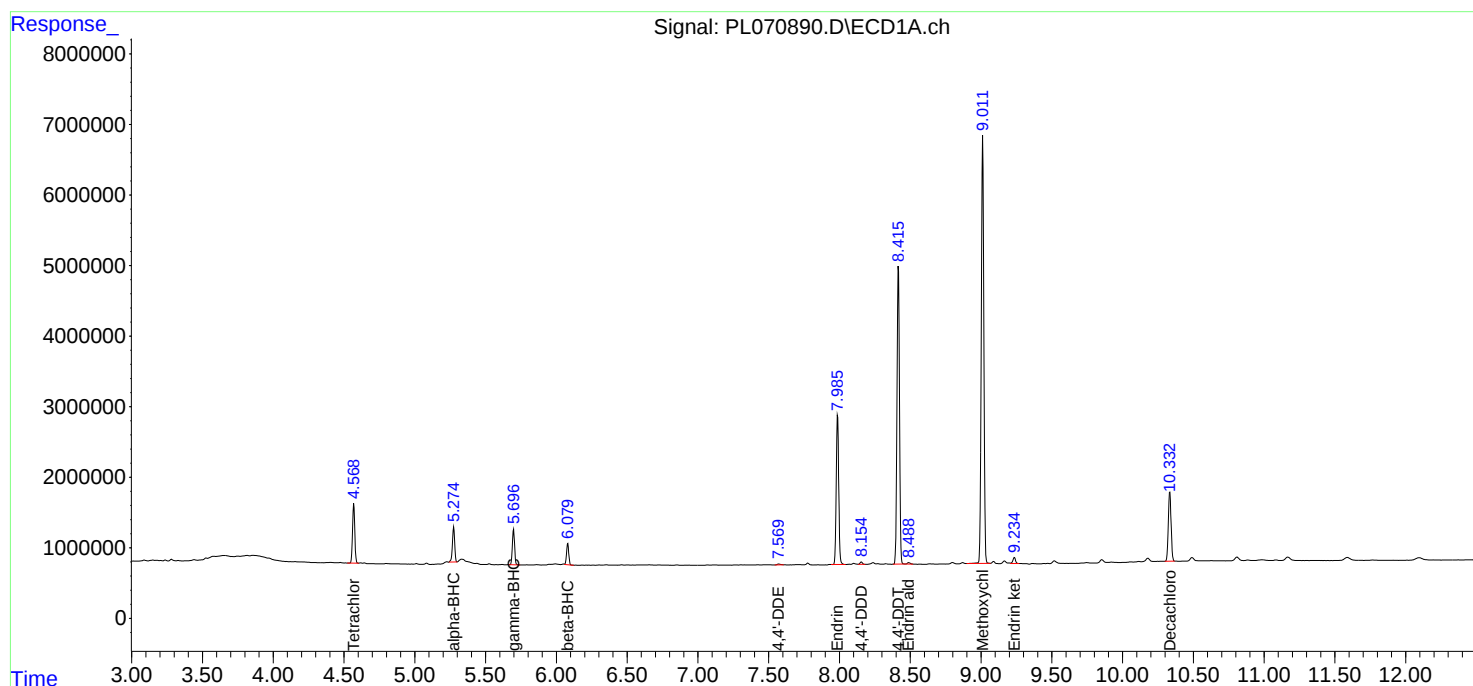
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ECD_L
ClientSampleId :
PEM

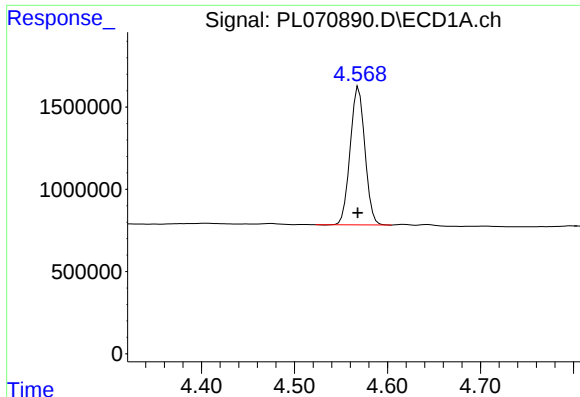
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Integration File signal 1: autoint1.e
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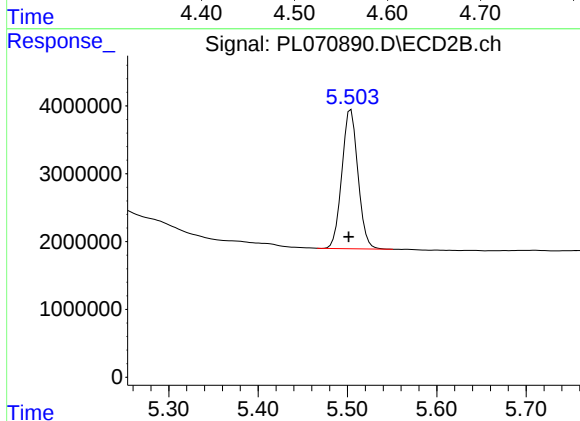
#1 Tetrachloro-m-xylene

R.T.: 4.569 min
Delta R.T.: 0.001 min
Response: 9232136
Conc: 18.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

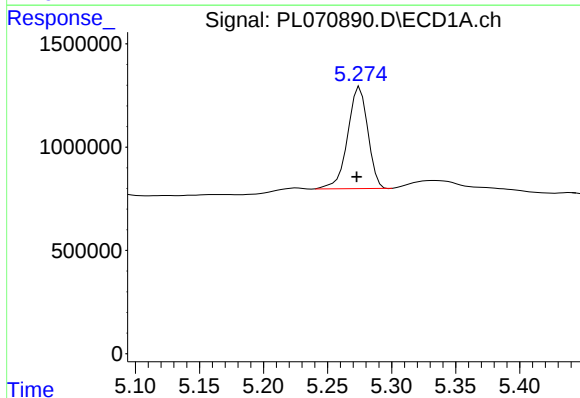
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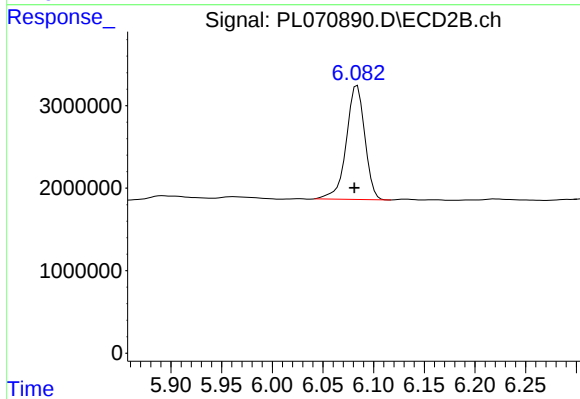
#1 Tetrachloro-m-xylene

R.T.: 5.504 min
Delta R.T.: 0.003 min
Response: 25552358
Conc: 20.27 ng/ml



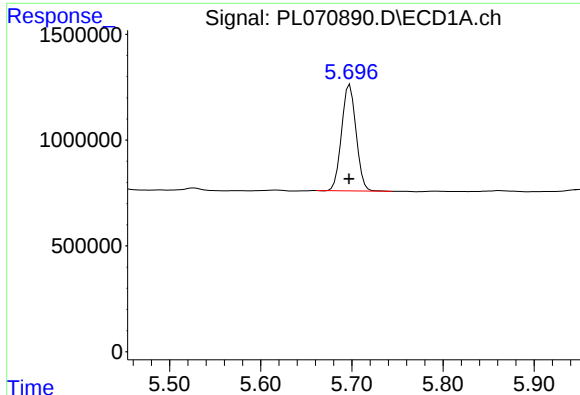
#2 alpha-BHC

R.T.: 5.275 min
Delta R.T.: 0.002 min
Response: 5391260
Conc: 8.05 ng/ml



#2 alpha-BHC

R.T.: 6.084 min
Delta R.T.: 0.003 min
Response: 17553543
Conc: 9.54 ng/ml



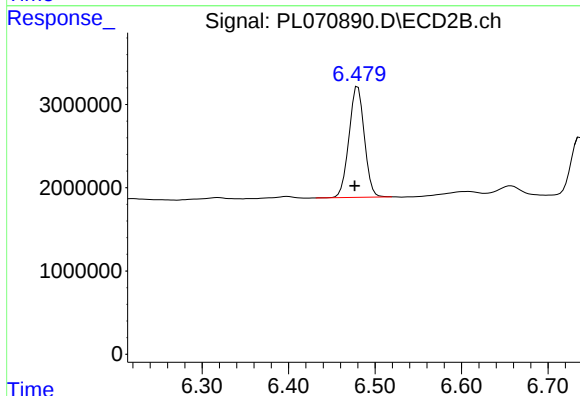
#3 gamma-BHC (Lindane)

R.T.: 5.698 min
Delta R.T.: 0.001 min
Response: 5556108
Conc: 8.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

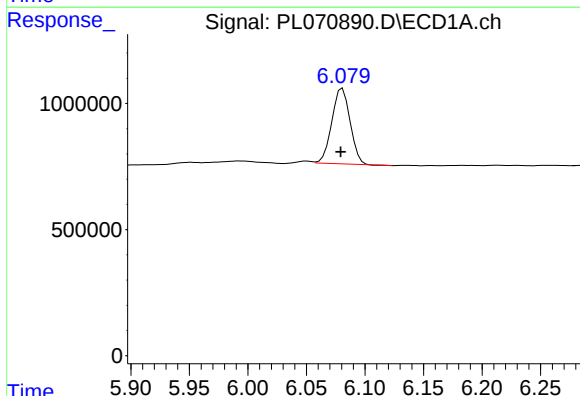
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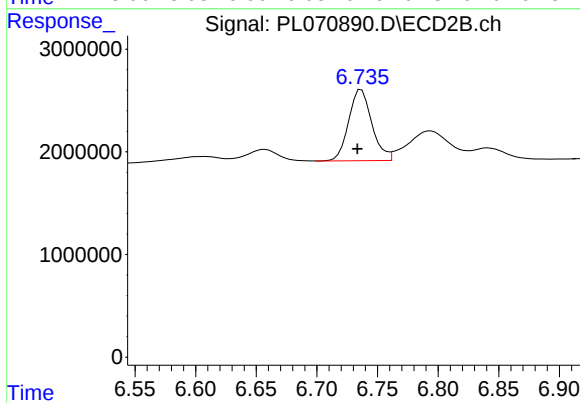
#3 gamma-BHC (Lindane)

R.T.: 6.480 min
Delta R.T.: 0.003 min
Response: 16367207
Conc: 9.44 ng/ml



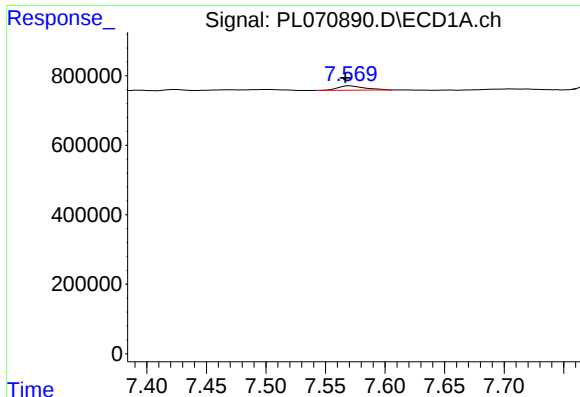
#6 beta-BHC

R.T.: 6.081 min
Delta R.T.: 0.002 min
Response: 3245515
Conc: 9.99 ng/ml



#6 beta-BHC

R.T.: 6.737 min
Delta R.T.: 0.003 min
Response: 9246270
Conc: 10.79 ng/ml



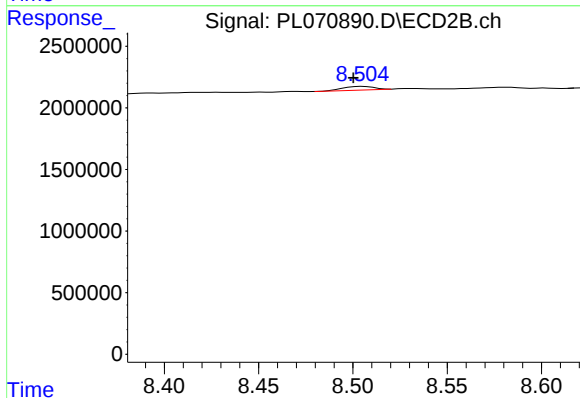
#12 4,4'-DDE

R.T.: 7.569 min
Delta R.T.: 0.002 min
Response: 204410
Conc: 0.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

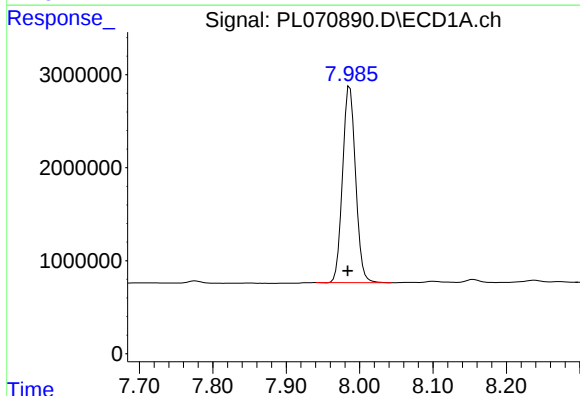
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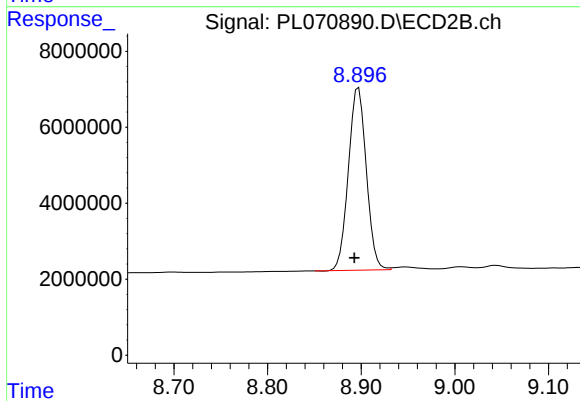
#12 4,4'-DDE

R.T.: 8.504 min
Delta R.T.: 0.003 min
Response: 357092
Conc: 0.24 ng/ml m



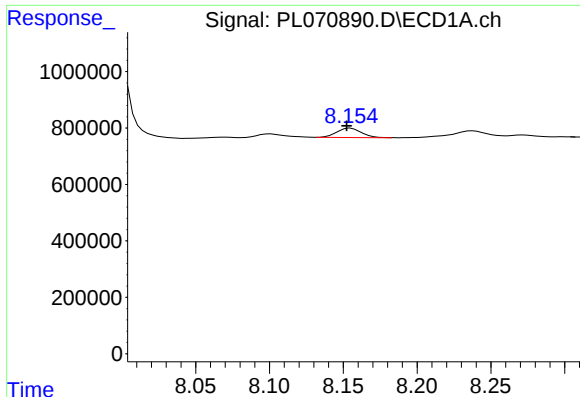
#14 Endrin

R.T.: 7.987 min
Delta R.T.: 0.003 min
Response: 26089126
Conc: 46.02 ng/ml



#14 Endrin

R.T.: 8.897 min
Delta R.T.: 0.004 min
Response: 63886118
Conc: 55.16 ng/ml



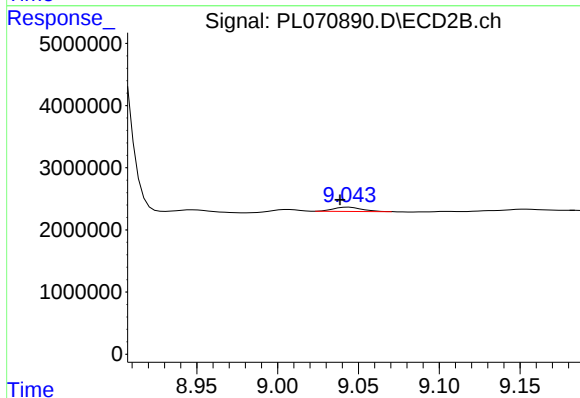
#16 4,4'-DDD

R.T.: 8.154 min
Delta R.T.: 0.001 min
Response: 385659
Conc: 0.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

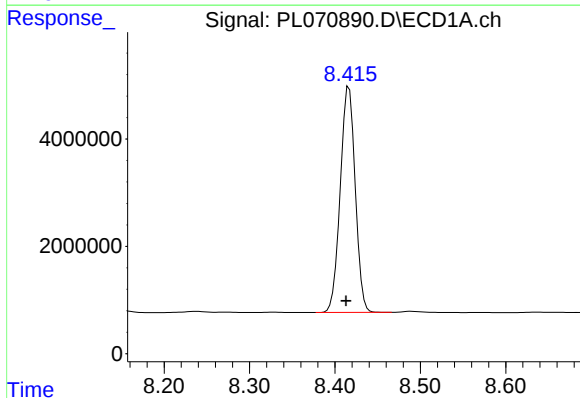
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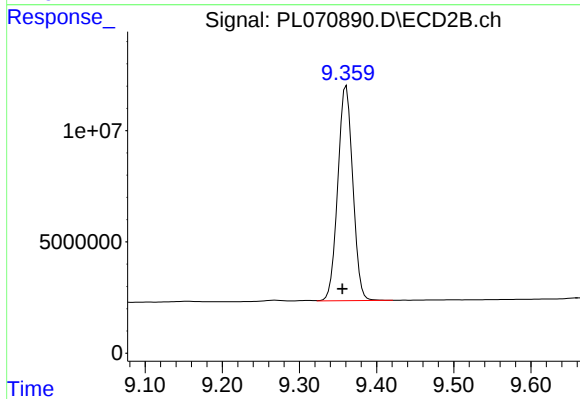
#16 4,4'-DDD

R.T.: 9.043 min
Delta R.T.: 0.004 min
Response: 824478
Conc: 0.69 ng/ml m



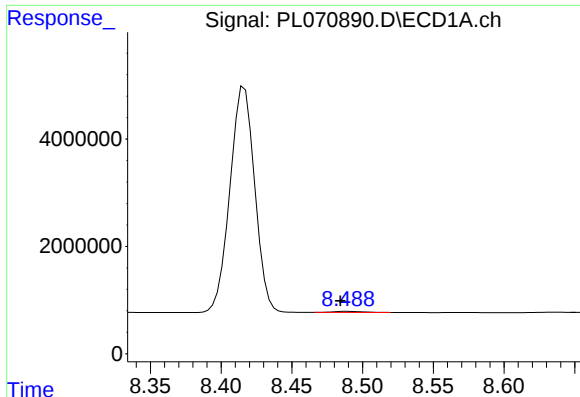
#17 4,4'-DDT

R.T.: 8.417 min
Delta R.T.: 0.004 min
Response: 51305077
Conc: 93.29 ng/ml



#17 4,4'-DDT

R.T.: 9.361 min
Delta R.T.: 0.005 min
Response: 130120769
Conc: 103.14 ng/ml



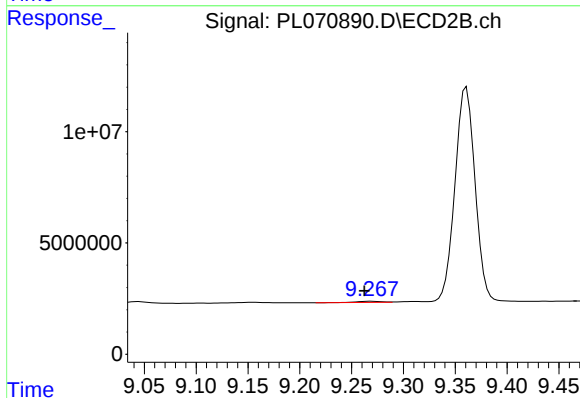
#18 Endrin aldehyde

R.T.: 8.488 min
Delta R.T.: 0.004 min
Response: 290892
Conc: 0.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

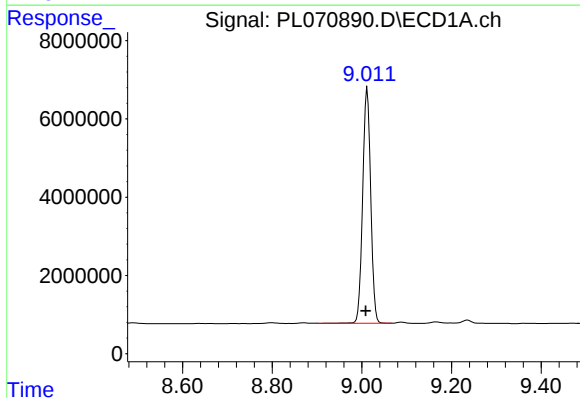
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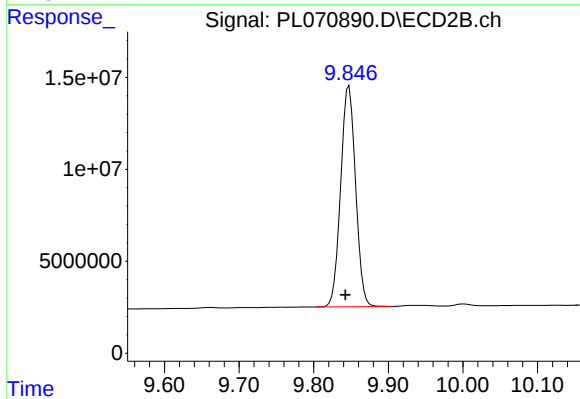
#18 Endrin aldehyde

R.T.: 9.268 min
Delta R.T.: 0.006 min
Response: 783420
Conc: 0.81 ng/ml



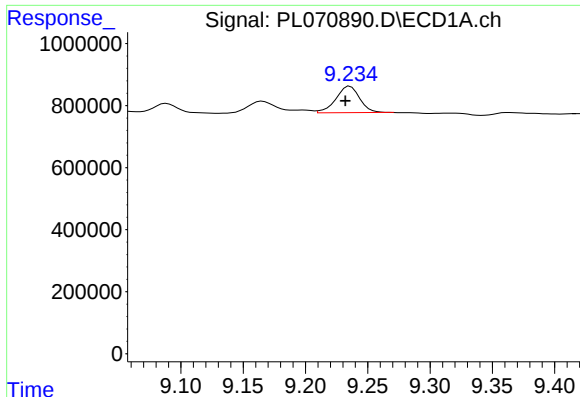
#20 Methoxychlor

R.T.: 9.012 min
Delta R.T.: 0.003 min
Response: 74720661
Conc: 204.24 ng/ml



#20 Methoxychlor

R.T.: 9.847 min
Delta R.T.: 0.005 min
Response: 166554000
Conc: 246.09 ng/ml



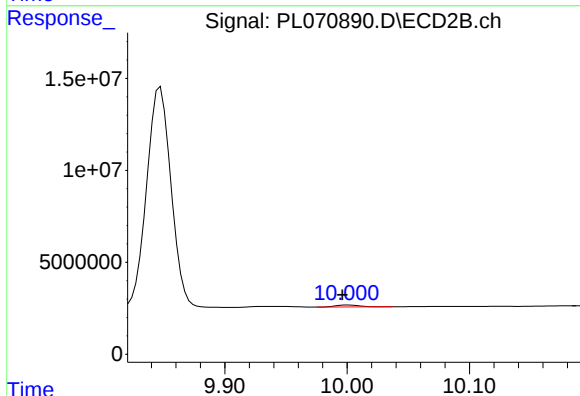
#21 Endrin ketone

R.T.: 9.236 min
Delta R.T.: 0.003 min
Response: 1133700
Conc: 1.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

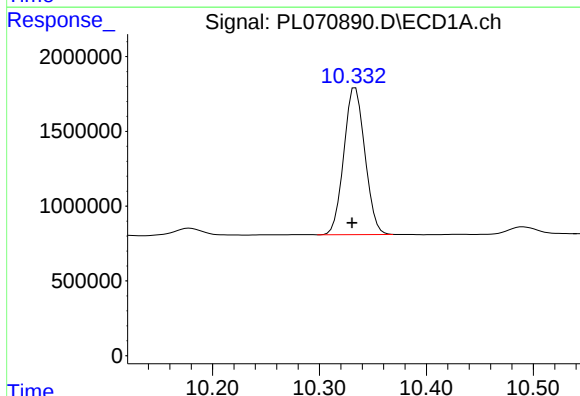
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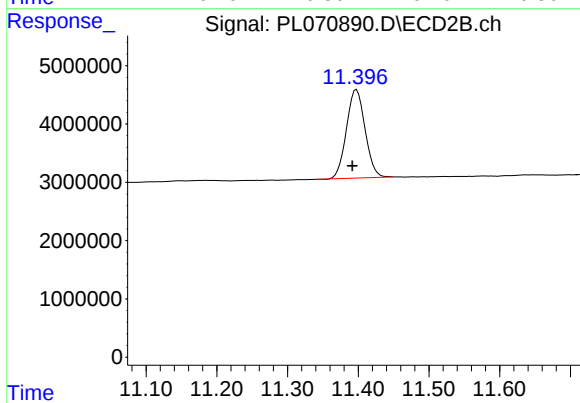
#21 Endrin ketone

R.T.: 10.001 min
Delta R.T.: 0.005 min
Response: 1522076
Conc: 1.06 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.334 min
Delta R.T.: 0.003 min
Response: 13450205
Conc: 19.68 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.398 min
Delta R.T.: 0.006 min
Response: 27826939
Conc: 20.81 ng/ml