

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110321\
 Data File : PL070739.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Nov 2021 18:55
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 11/30/2021
 Supervised By :mohammad ahmed 11/30/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 04 19:29:33 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...	4.568	5.502	9869945	24614358	20.151	19.522
28)	SA Decachlor...	10.331	11.392	14391841	27968376	21.062	20.913
Target Compounds							
2)	A alpha-BHC	5.273	6.081	5709905	16697090	8.530	9.071
3)	MA gamma-BHC...	5.696	6.477	6005228	15568759	8.953	8.978
6)	B beta-BHC	6.078	6.734	3374536	9297087	10.388	10.851
12)	B 4,4'-DDE	7.565	8.498	157998	373827	0.271m	0.253m
14)	MA Endrin	7.983	8.893	28234653	57399344	49.799	49.555
16)	A 4,4'-DDD	8.151	9.033	262557	912903	0.517m	0.759m#
17)	MA 4,4'-DDT	8.413	9.356	56090174	120.3E6	101.987	95.381
18)	B Endrin al...	8.485	9.262	334398	812814	0.736m	0.841m
20)	A Methoxychlor	9.008	9.843	82560009	162.4E6	225.672	239.991
21)	B Endrin ke...	9.232	9.997	789643	2882464	1.104	2.008 #

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

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ALS Vial : 3 Sample Multiplier: 1

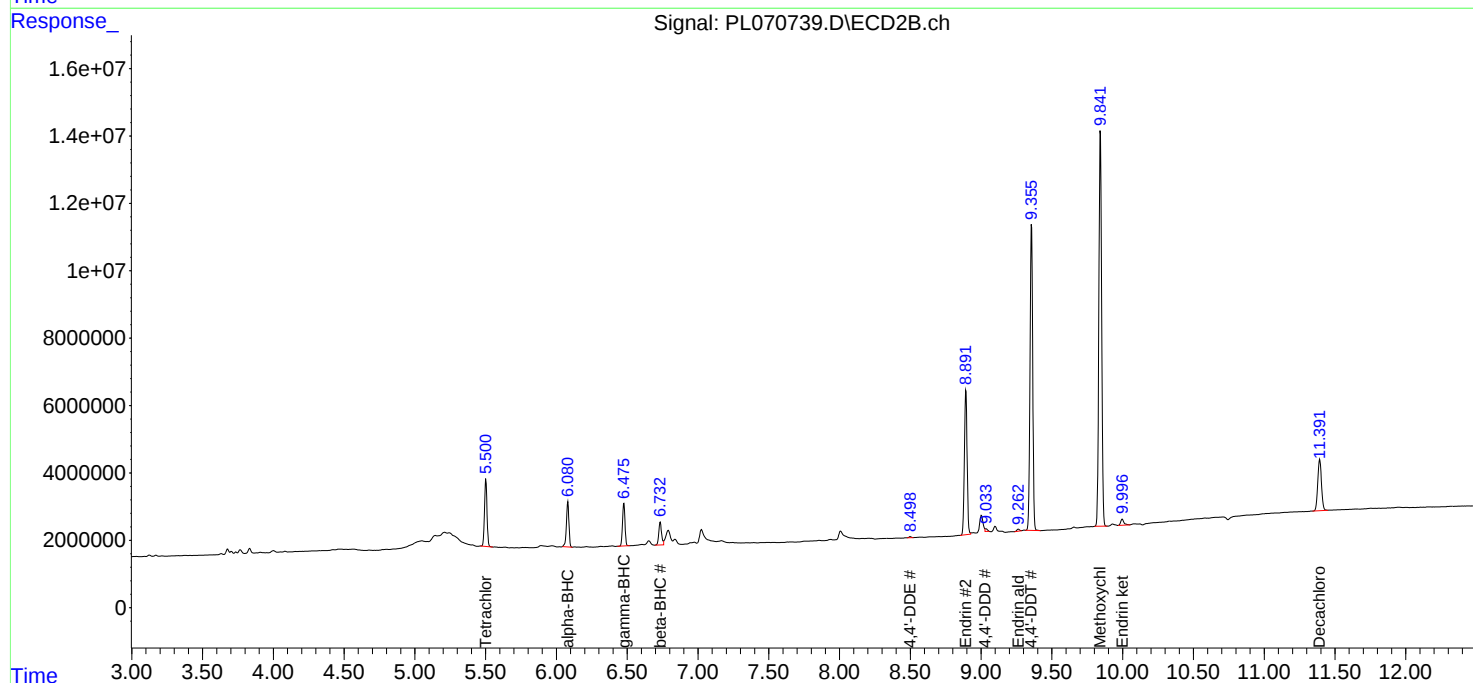
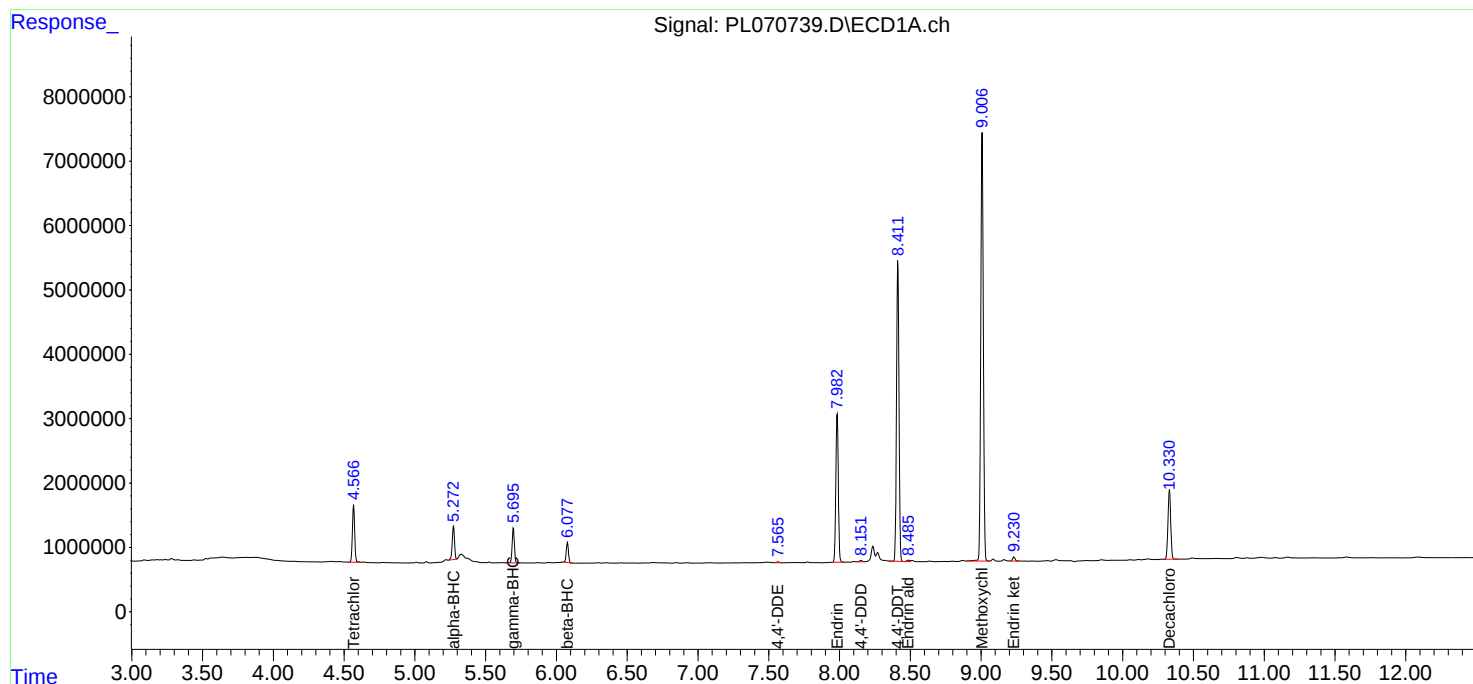
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ECD_L
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PEM

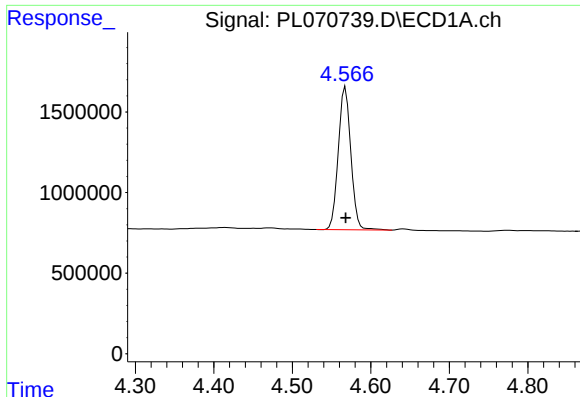
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Integration File signal 1: autoint1.e
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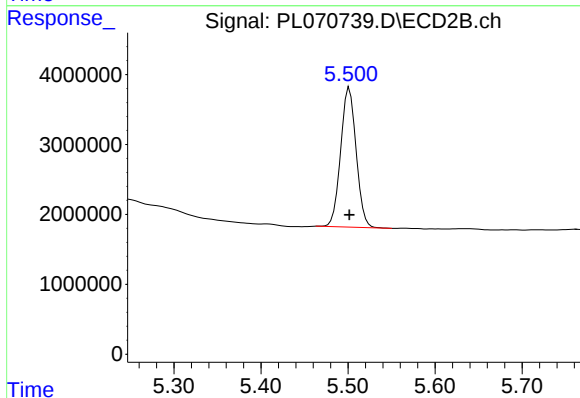
#1 Tetrachloro-m-xylene

R.T.: 4.568 min
Delta R.T.: 0.000 min
Response: 9869945
Conc: 20.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

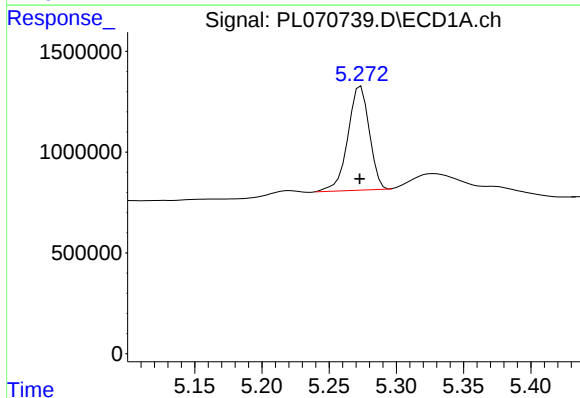
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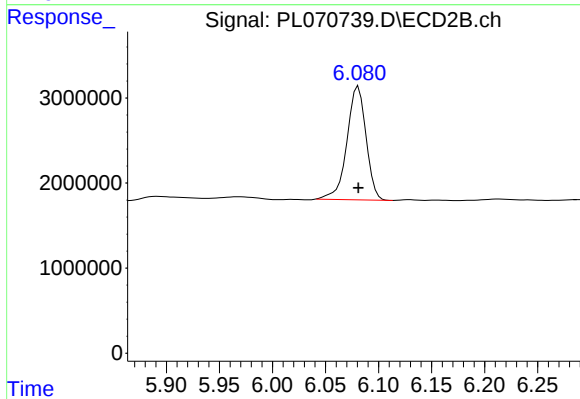
#1 Tetrachloro-m-xylene

R.T.: 5.502 min
Delta R.T.: 0.000 min
Response: 24614358
Conc: 19.52 ng/ml



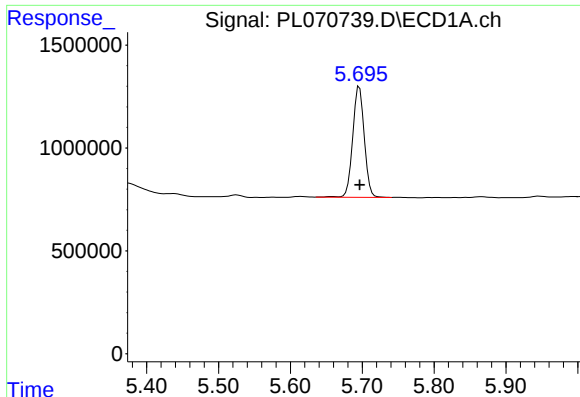
#2 alpha-BHC

R.T.: 5.273 min
Delta R.T.: 0.000 min
Response: 5709905
Conc: 8.53 ng/ml



#2 alpha-BHC

R.T.: 6.081 min
Delta R.T.: 0.000 min
Response: 16697090
Conc: 9.07 ng/ml



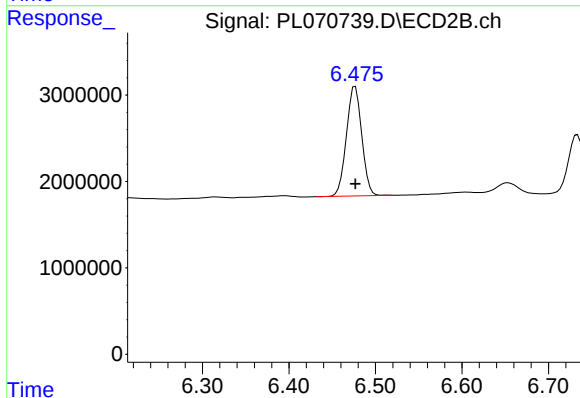
#3 gamma-BHC (Lindane)

R.T.: 5.696 min
Delta R.T.: 0.000 min
Response: 6005228
Conc: 8.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

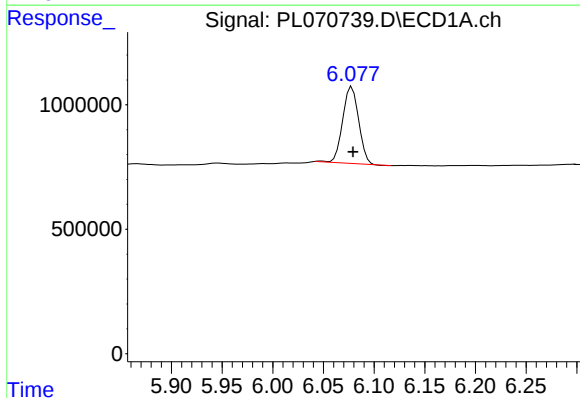
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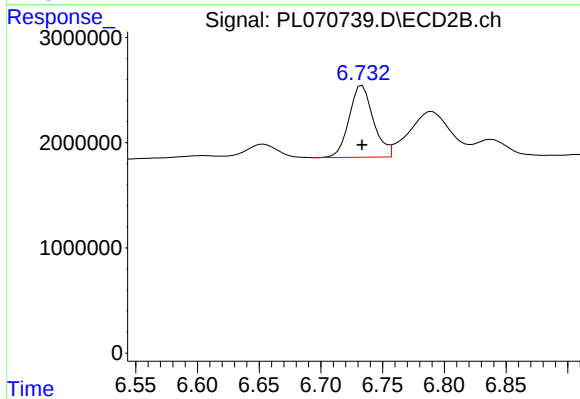
#3 gamma-BHC (Lindane)

R.T.: 6.477 min
Delta R.T.: 0.000 min
Response: 15568759
Conc: 8.98 ng/ml



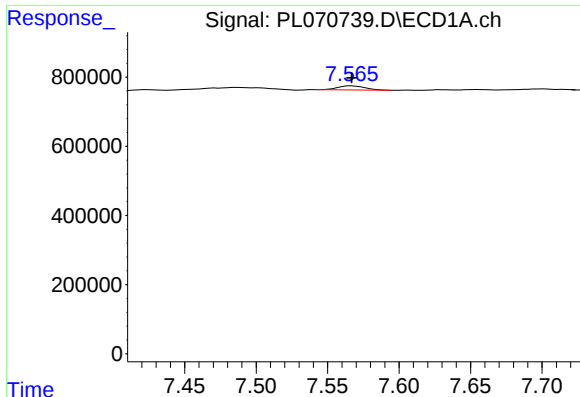
#6 beta-BHC

R.T.: 6.078 min
Delta R.T.: -0.001 min
Response: 3374536
Conc: 10.39 ng/ml



#6 beta-BHC

R.T.: 6.734 min
Delta R.T.: 0.000 min
Response: 9297087
Conc: 10.85 ng/ml



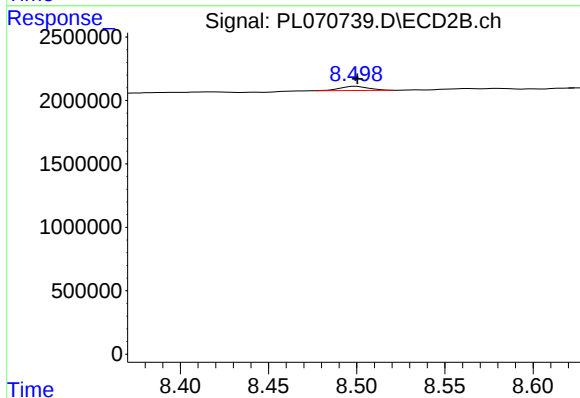
#12 4,4'-DDE

R.T.: 7.565 min
Delta R.T.: -0.002 min
Response: 157998
Conc: 0.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

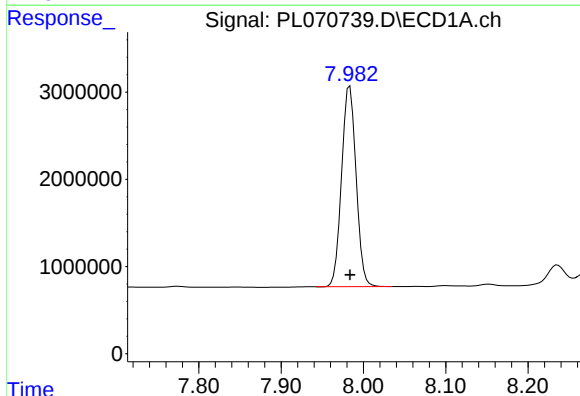
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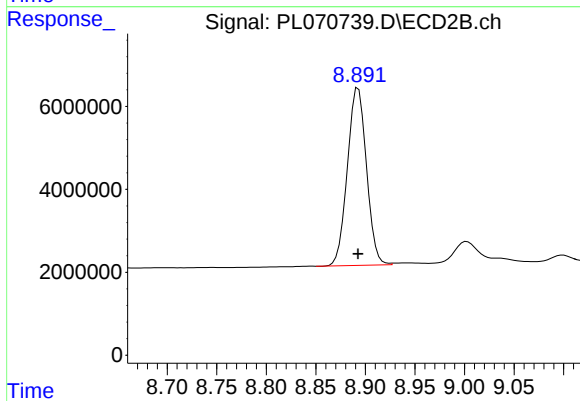
#12 4,4'-DDE

R.T.: 8.498 min
Delta R.T.: -0.002 min
Response: 373827
Conc: 0.25 ng/ml m



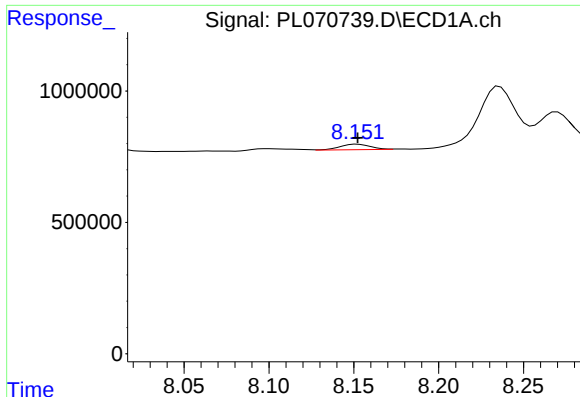
#14 Endrin

R.T.: 7.983 min
Delta R.T.: 0.000 min
Response: 28234653
Conc: 49.80 ng/ml



#14 Endrin

R.T.: 8.893 min
Delta R.T.: 0.000 min
Response: 57399344
Conc: 49.55 ng/ml



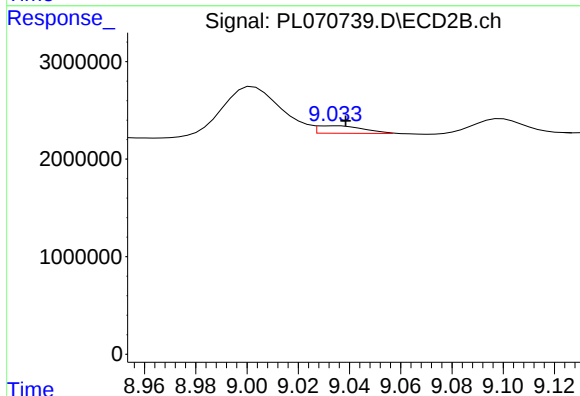
#16 4,4'-DDD

R.T.: 8.151 min
Delta R.T.: -0.002 min
Response: 262557
Conc: 0.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

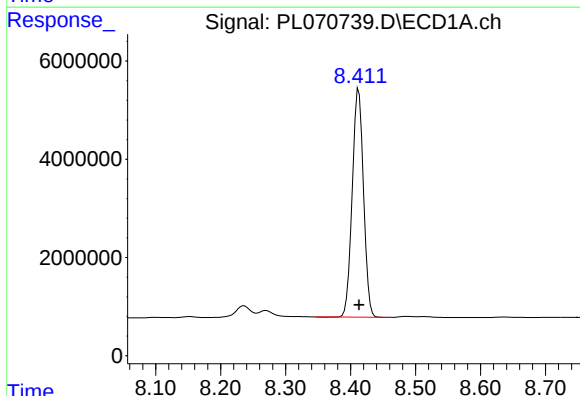
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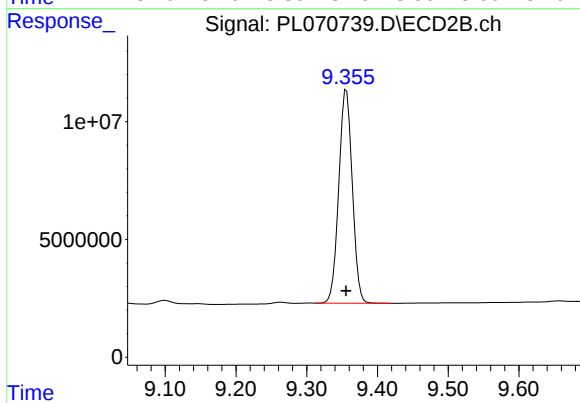
#16 4,4'-DDD

R.T.: 9.033 min
Delta R.T.: -0.005 min
Response: 912903
Conc: 0.76 ng/ml m



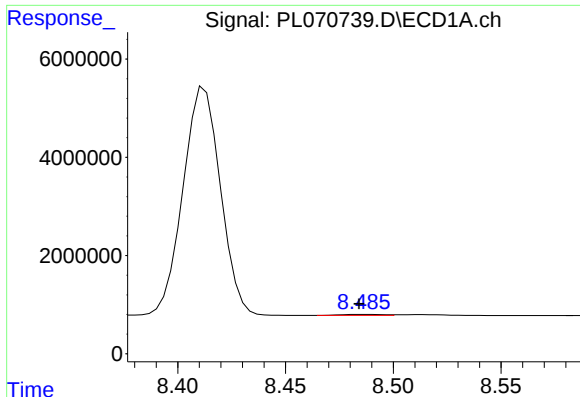
#17 4,4'-DDT

R.T.: 8.413 min
Delta R.T.: 0.000 min
Response: 56090174
Conc: 101.99 ng/ml



#17 4,4'-DDT

R.T.: 9.356 min
Delta R.T.: 0.000 min
Response: 120329772
Conc: 95.38 ng/ml



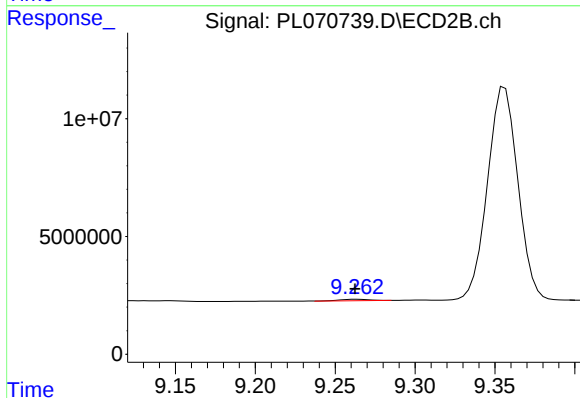
#18 Endrin aldehyde

R.T.: 8.485 min
Delta R.T.: 0.000 min
Response: 334398
Conc: 0.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

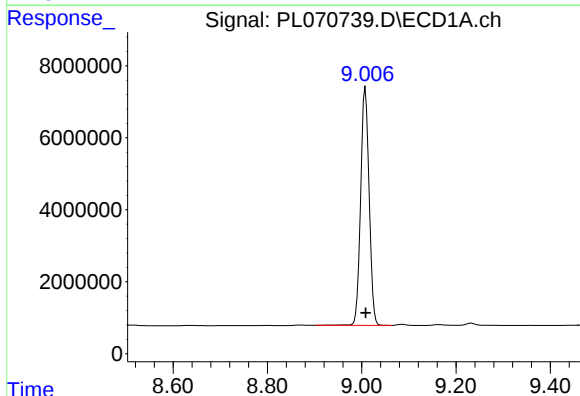
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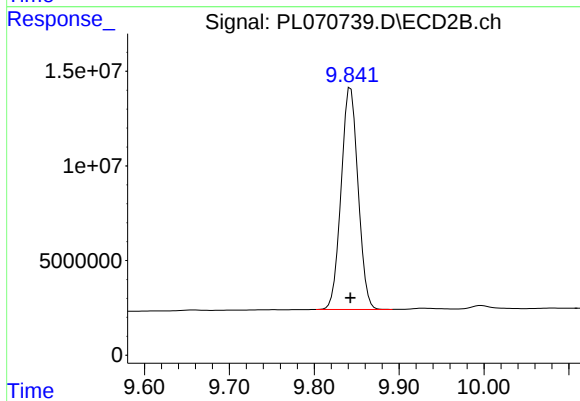
#18 Endrin aldehyde

R.T.: 9.262 min
Delta R.T.: 0.000 min
Response: 812814
Conc: 0.84 ng/ml m



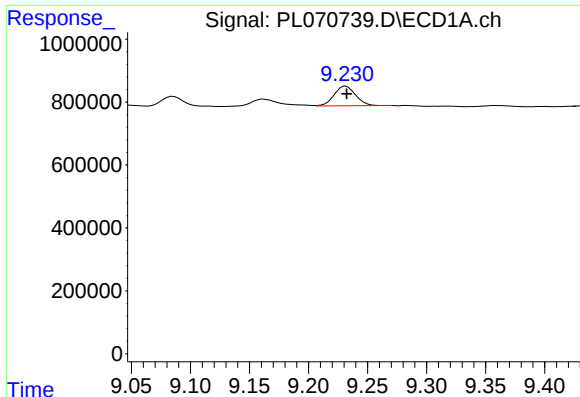
#20 Methoxychlor

R.T.: 9.008 min
Delta R.T.: 0.000 min
Response: 82560009
Conc: 225.67 ng/ml



#20 Methoxychlor

R.T.: 9.843 min
Delta R.T.: 0.000 min
Response: 162426554
Conc: 239.99 ng/ml



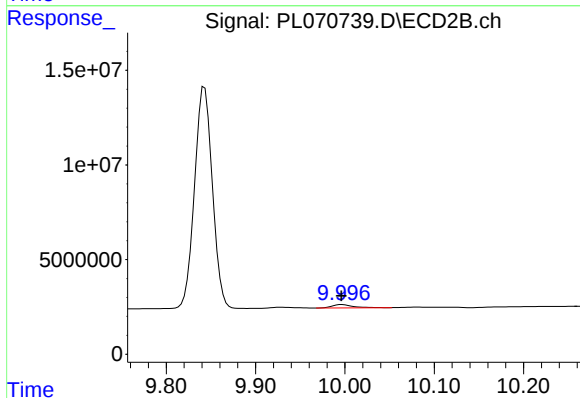
#21 Endrin ketone

R.T.: 9.232 min
Delta R.T.: 0.000 min
Response: 789643
Conc: 1.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

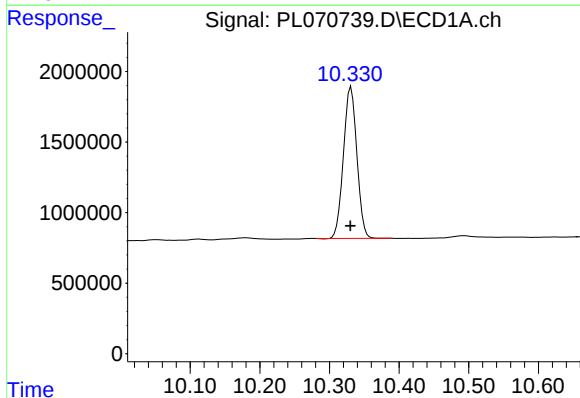
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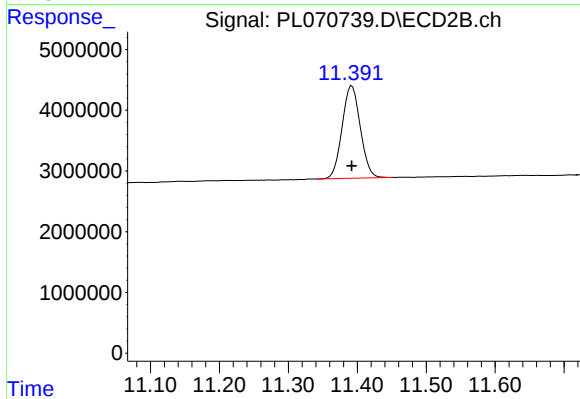
#21 Endrin ketone

R.T.: 9.997 min
Delta R.T.: 0.000 min
Response: 2882464
Conc: 2.01 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.331 min
Delta R.T.: 0.000 min
Response: 14391841
Conc: 21.06 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.392 min
Delta R.T.: 0.000 min
Response: 27968376
Conc: 20.91 ng/ml