

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042123\
 Data File : PD074827.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Apr 2023 15:21
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/21/2023
 Supervised By :Ankita Jodhani 04/21/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 20 21:48:17 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041823.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 18 13:17:37 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.555	2.769	46290304	25671916	19.407	19.694
28)	SA Decachlor...	9.098	7.921	52346685	22386444	17.238	16.783
Target Compounds							
2)	A alpha-BHC	4.011	3.273	36253780	18058775	8.716	9.249
3)	MA gamma-BHC...	4.345	3.603	34882314	16926178	8.988	9.327
6)	B beta-BHC	4.539	3.899	16231335	8553383	9.676	10.531
12)	B 4,4'-DDE	6.215	5.234	352176	178225	0.110	0.114m
14)	MA Endrin	6.600	5.640	121.7E6	66647544	41.888	44.167
16)	A 4,4'-DDD	6.732	5.789	6778185	2935738	2.558	2.227
17)	MA 4,4'-DDT	7.048	6.040	248.4E6	122.4E6	85.252	90.602
18)	B Endrin al...	6.948	6.115	3438601	2694387	1.497	2.414 #
20)	A Methoxychlor	7.523	6.616	334.4E6	157.0E6	205.346	208.263
21)	B Endrin ke...	7.670	6.843	8975380	4504260	2.756	2.756

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

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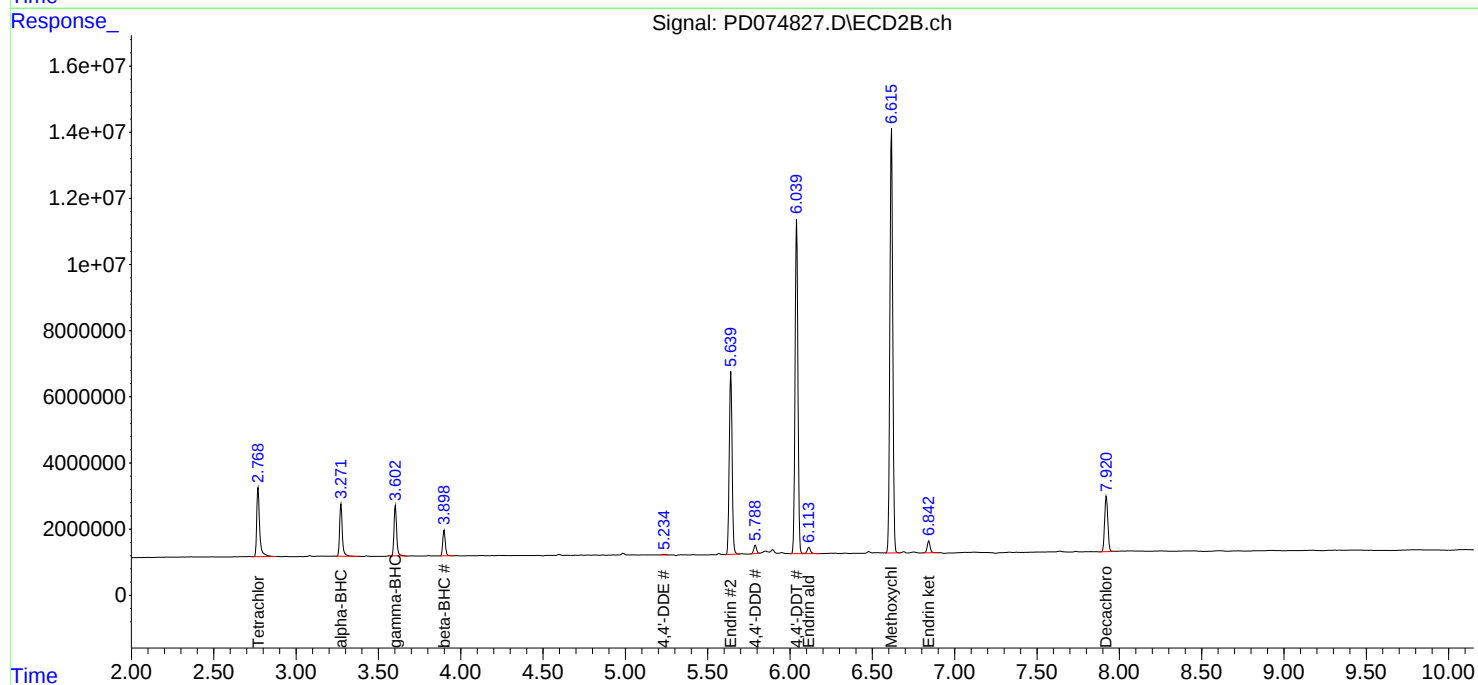
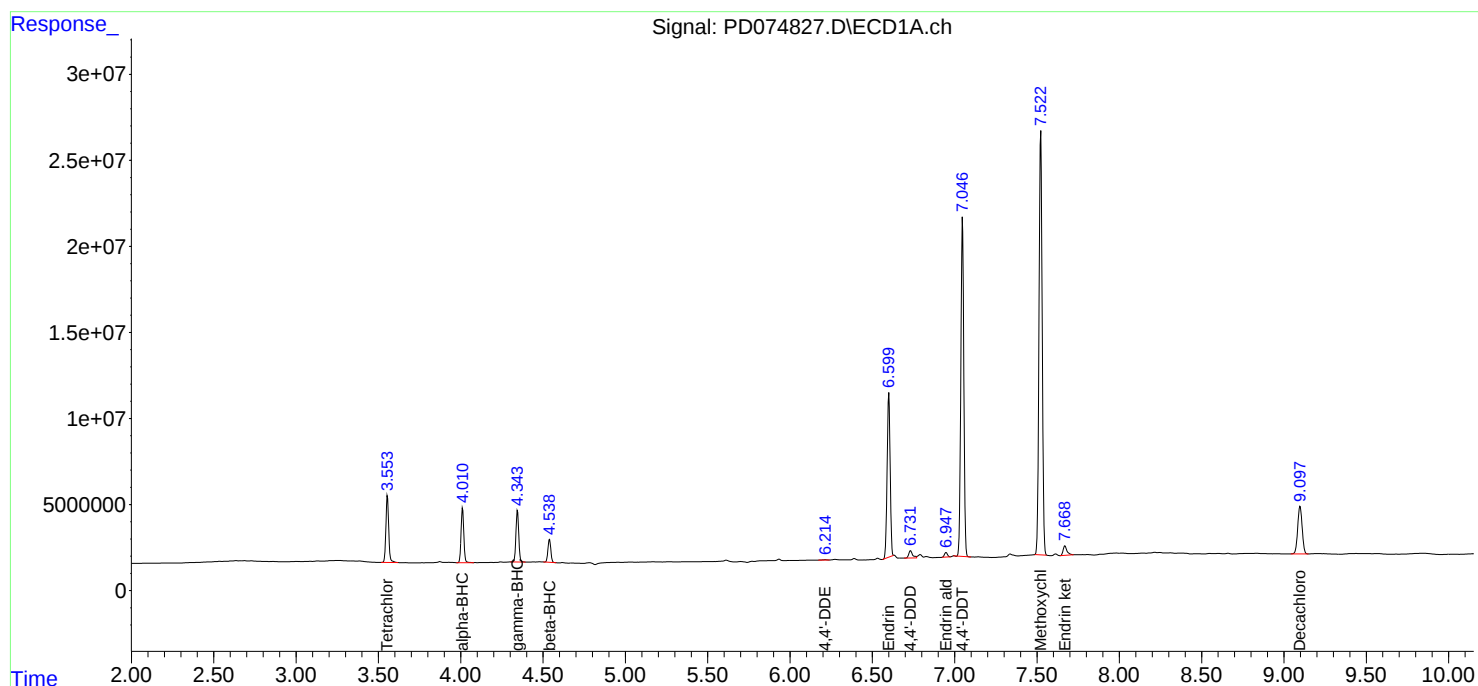
Instrument :
ECD_D
ClientSampleId :
PEM

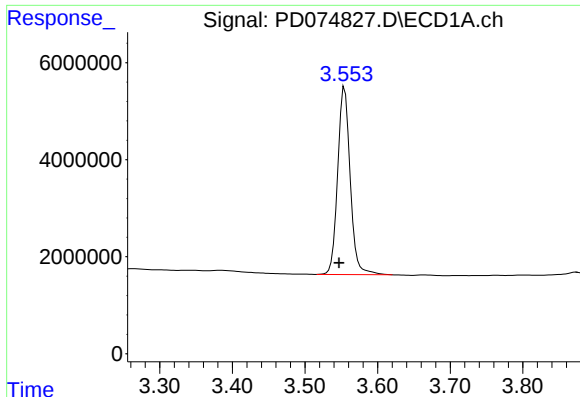
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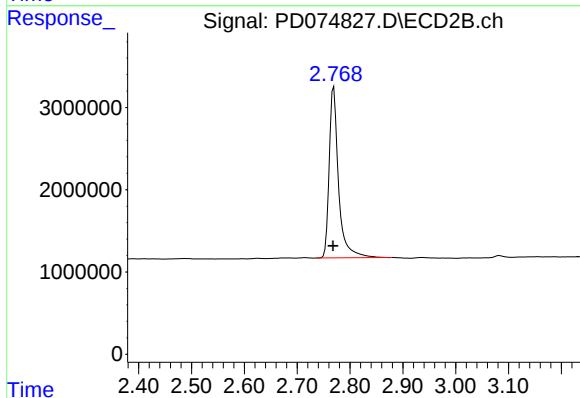
#1 Tetrachloro-m-xylene

R.T.: 3.555 min
Delta R.T.: 0.008 min
Response: 46290304
Conc: 19.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

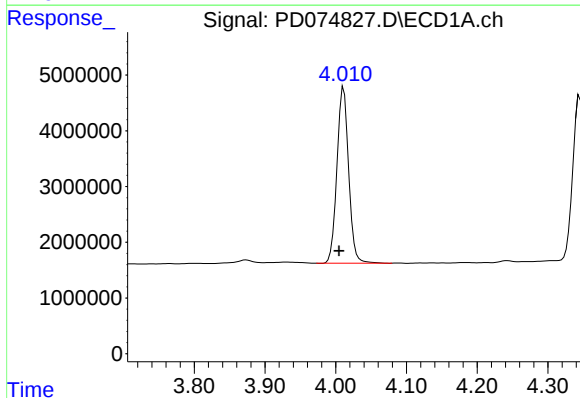
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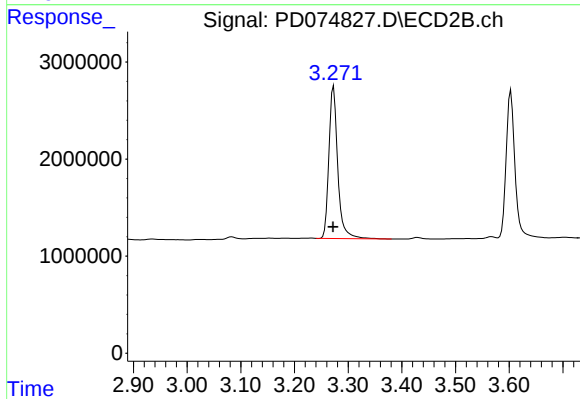
#1 Tetrachloro-m-xylene

R.T.: 2.769 min
Delta R.T.: 0.001 min
Response: 25671916
Conc: 19.69 ng/ml



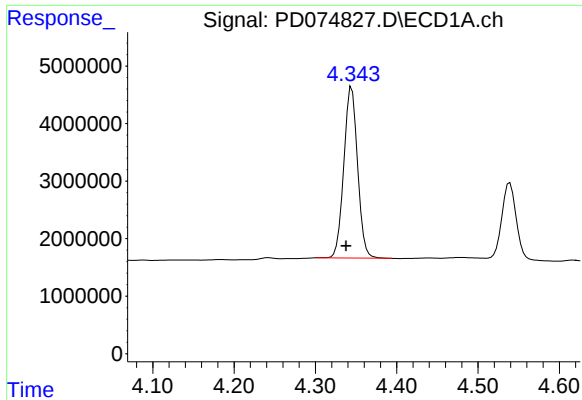
#2 alpha-BHC

R.T.: 4.011 min
Delta R.T.: 0.007 min
Response: 36253780
Conc: 8.72 ng/ml



#2 alpha-BHC

R.T.: 3.273 min
Delta R.T.: 0.001 min
Response: 18058775
Conc: 9.25 ng/ml



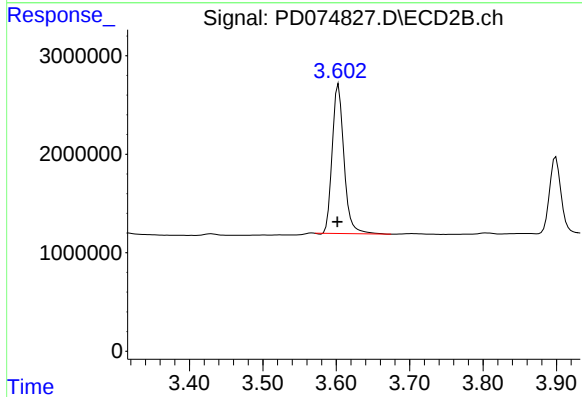
#3 gamma-BHC (Lindane)

R.T.: 4.345 min
Delta R.T.: 0.007 min
Response: 34882314
Conc: 8.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

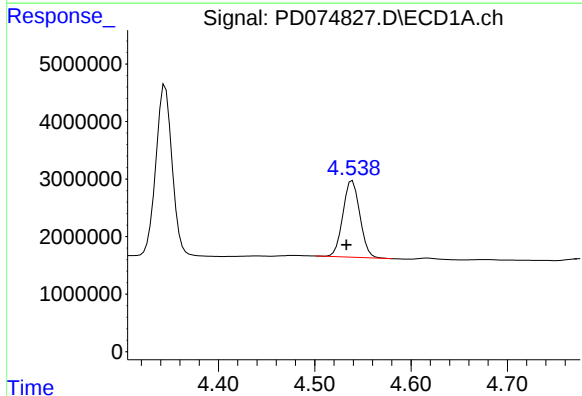
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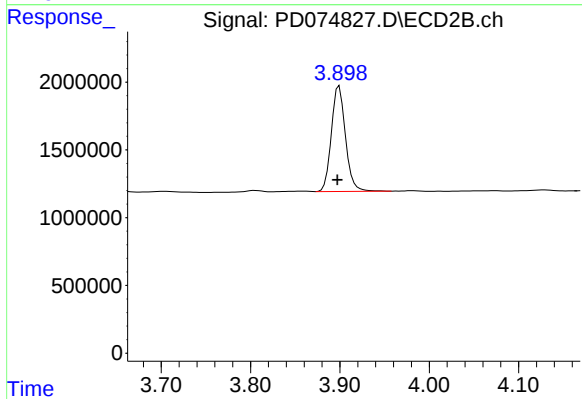
#3 gamma-BHC (Lindane)

R.T.: 3.603 min
Delta R.T.: 0.002 min
Response: 16926178
Conc: 9.33 ng/ml



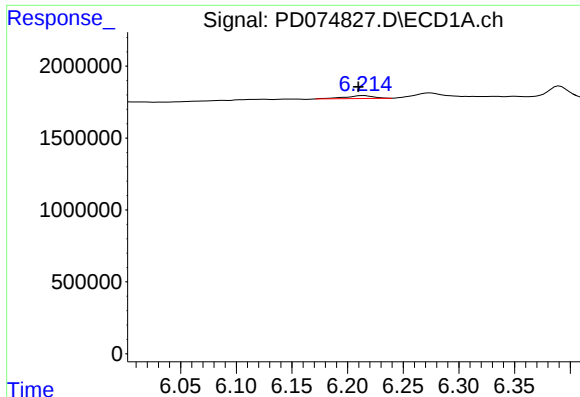
#6 beta-BHC

R.T.: 4.539 min
Delta R.T.: 0.006 min
Response: 16231335
Conc: 9.68 ng/ml



#6 beta-BHC

R.T.: 3.899 min
Delta R.T.: 0.002 min
Response: 8553383
Conc: 10.53 ng/ml



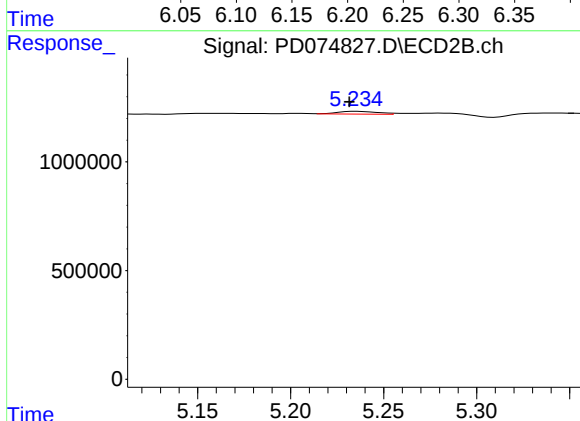
#12 4,4'-DDE

R.T.: 6.215 min
Delta R.T.: 0.005 min
Response: 352176
Conc: 0.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

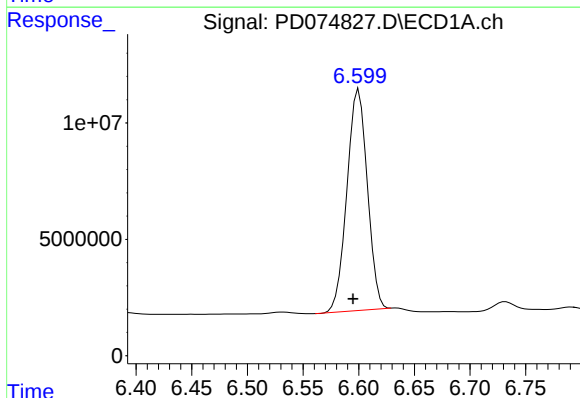
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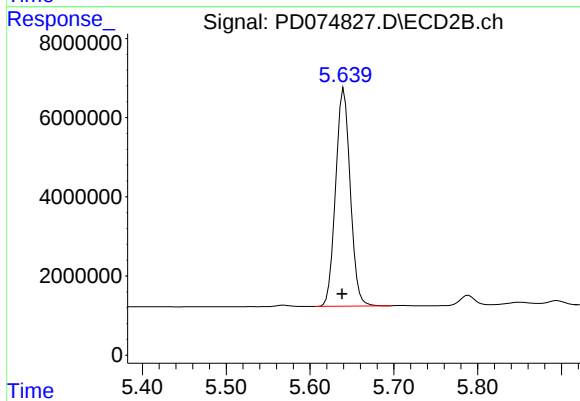
#12 4,4'-DDE

R.T.: 5.234 min
Delta R.T.: 0.002 min
Response: 178225
Conc: 0.11 ng/ml m



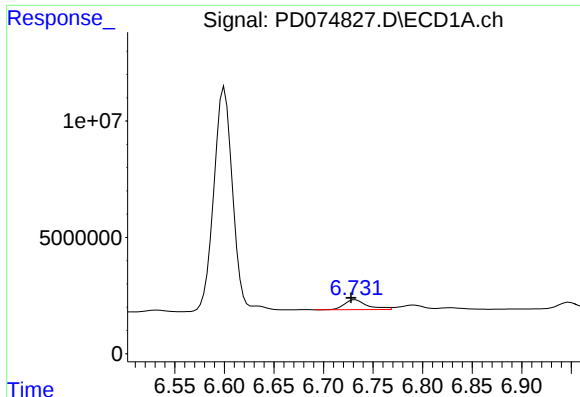
#14 Endrin

R.T.: 6.600 min
Delta R.T.: 0.005 min
Response: 121704143
Conc: 41.89 ng/ml



#14 Endrin

R.T.: 5.640 min
Delta R.T.: 0.002 min
Response: 66647544
Conc: 44.17 ng/ml



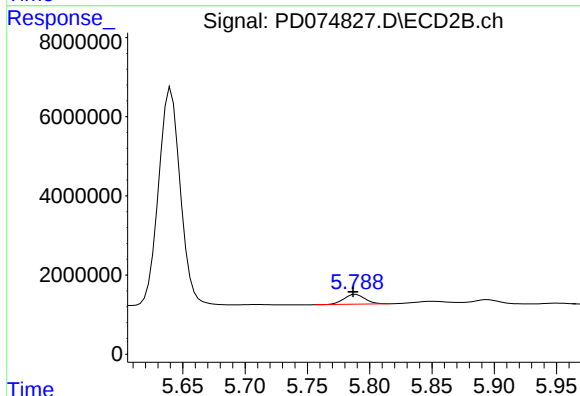
#16 4,4'-DDD

R.T.: 6.732 min
Delta R.T.: 0.004 min
Response: 6778185
Conc: 2.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

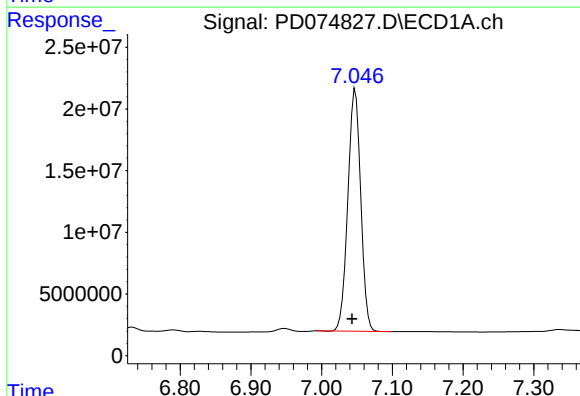
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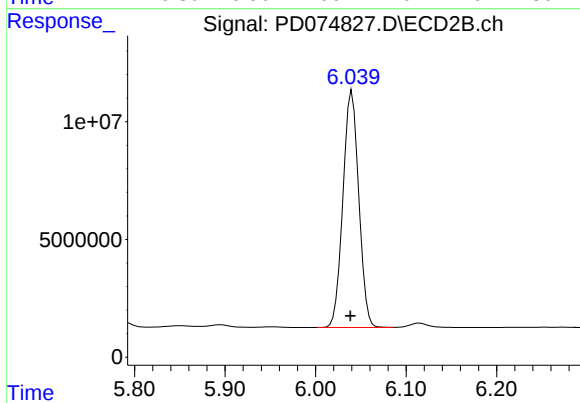
#16 4,4'-DDD

R.T.: 5.789 min
Delta R.T.: 0.003 min
Response: 2935738
Conc: 2.23 ng/ml



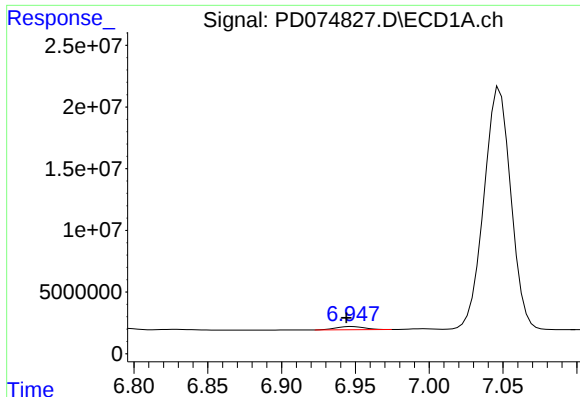
#17 4,4'-DDT

R.T.: 7.048 min
Delta R.T.: 0.005 min
Response: 248384693
Conc: 85.25 ng/ml



#17 4,4'-DDT

R.T.: 6.040 min
Delta R.T.: 0.002 min
Response: 122365703
Conc: 90.60 ng/ml



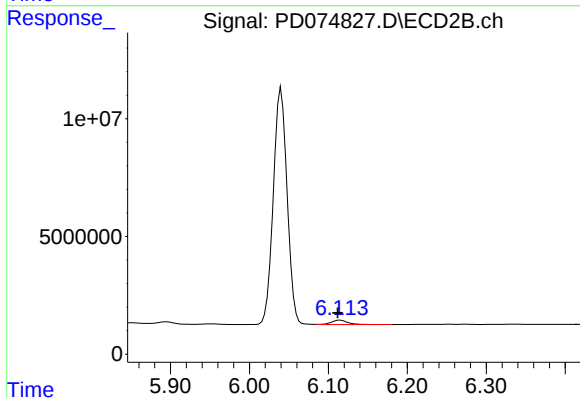
#18 Endrin aldehyde

R.T.: 6.948 min
Delta R.T.: 0.004 min
Response: 3438601
Conc: 1.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

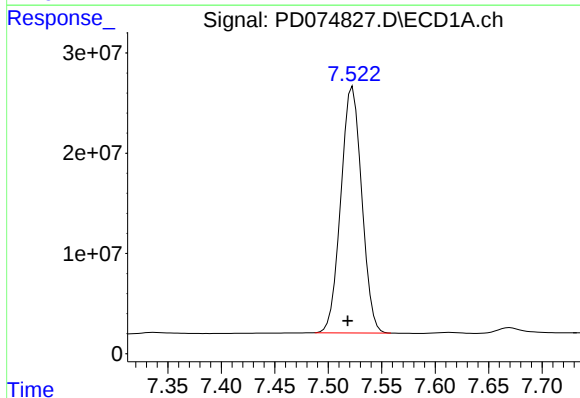
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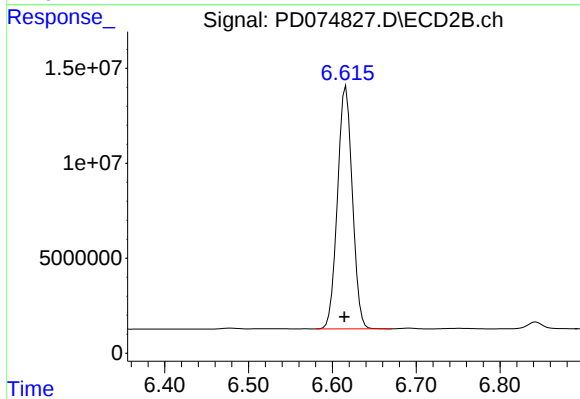
#18 Endrin aldehyde

R.T.: 6.115 min
Delta R.T.: 0.003 min
Response: 2694387
Conc: 2.41 ng/ml



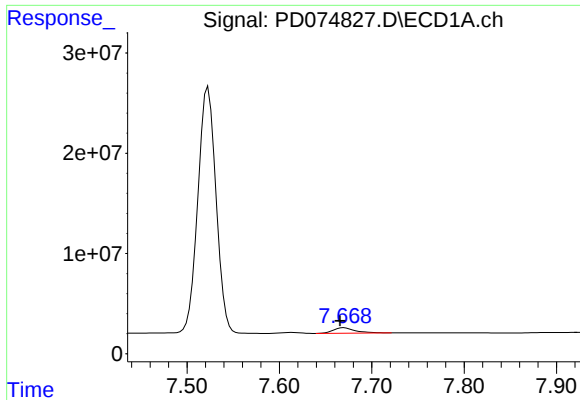
#20 Methoxychlor

R.T.: 7.523 min
Delta R.T.: 0.005 min
Response: 334404329
Conc: 205.35 ng/ml



#20 Methoxychlor

R.T.: 6.616 min
Delta R.T.: 0.002 min
Response: 156970540
Conc: 208.26 ng/ml



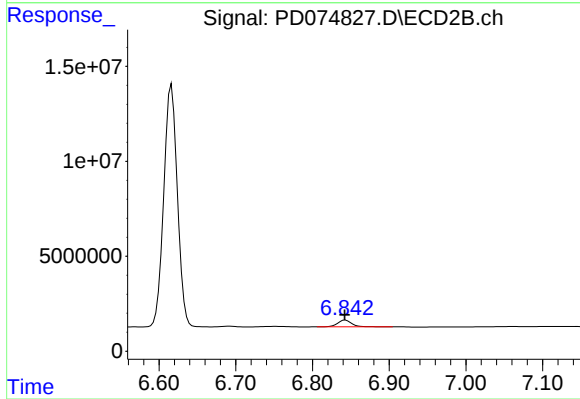
#21 Endrin ketone

R.T.: 7.670 min
Delta R.T.: 0.004 min
Response: 8975380
Conc: 2.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

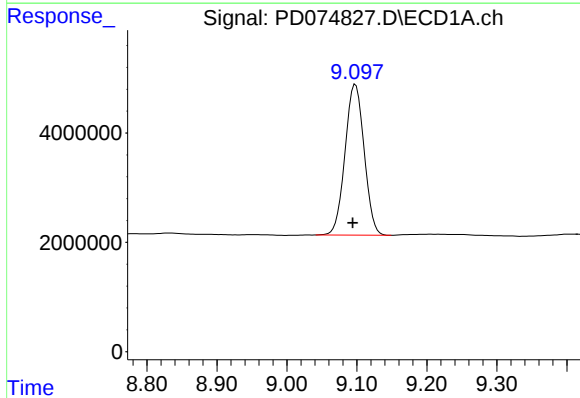
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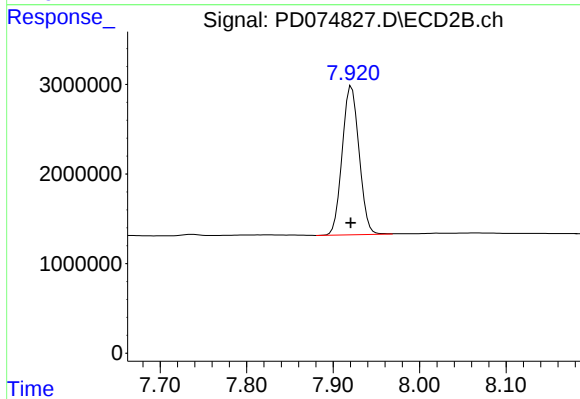
#21 Endrin ketone

R.T.: 6.843 min
Delta R.T.: 0.001 min
Response: 4504260
Conc: 2.76 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.098 min
Delta R.T.: 0.004 min
Response: 52346685
Conc: 17.24 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.921 min
Delta R.T.: 0.000 min
Response: 22386444
Conc: 16.78 ng/ml