

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081421\
 Data File : PD064947.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Aug 2021 06:40
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 16 04:05:22 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081421.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 16 03:35:15 2021
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 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 x 0.50µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.509	4.020	37305187	408.3E6	19.088	20.105
28)	SA Decachlor...	8.280	9.106	49766477	238.9E6	20.250	21.493
Target Compounds							
2)	A alpha-BHC	3.952	4.416	28107175	332.4E6	9.330	10.476
3)	MA gamma-BHC...	4.238	4.703	27304870	302.1E6	9.686	10.498
6)	B beta-BHC	4.488	4.879	15030549	153.7E6	12.086	9.244
12)	B 4,4'-DDE	5.681	6.368	586038	5030217	0.223m	0.207
14)	MA Endrin	6.077	6.739	121.3E6	906.5E6	50.406	46.536
16)	A 4,4'-DDD	6.200	6.862	2402115	28888605	1.042	1.520 #
17)	MA 4,4'-DDT	6.442	7.161	242.8E6	1854.9E6	101.099	93.151
18)	B Endrin al...	6.518	7.078	1751487	11303340	0.957	0.719
20)	A Methoxychlor	6.990	7.621	318.1E6	2069.0E6	226.820	217.802
21)	B Endrin ke...	7.227	7.775	5101837	29045796	1.773	1.523

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

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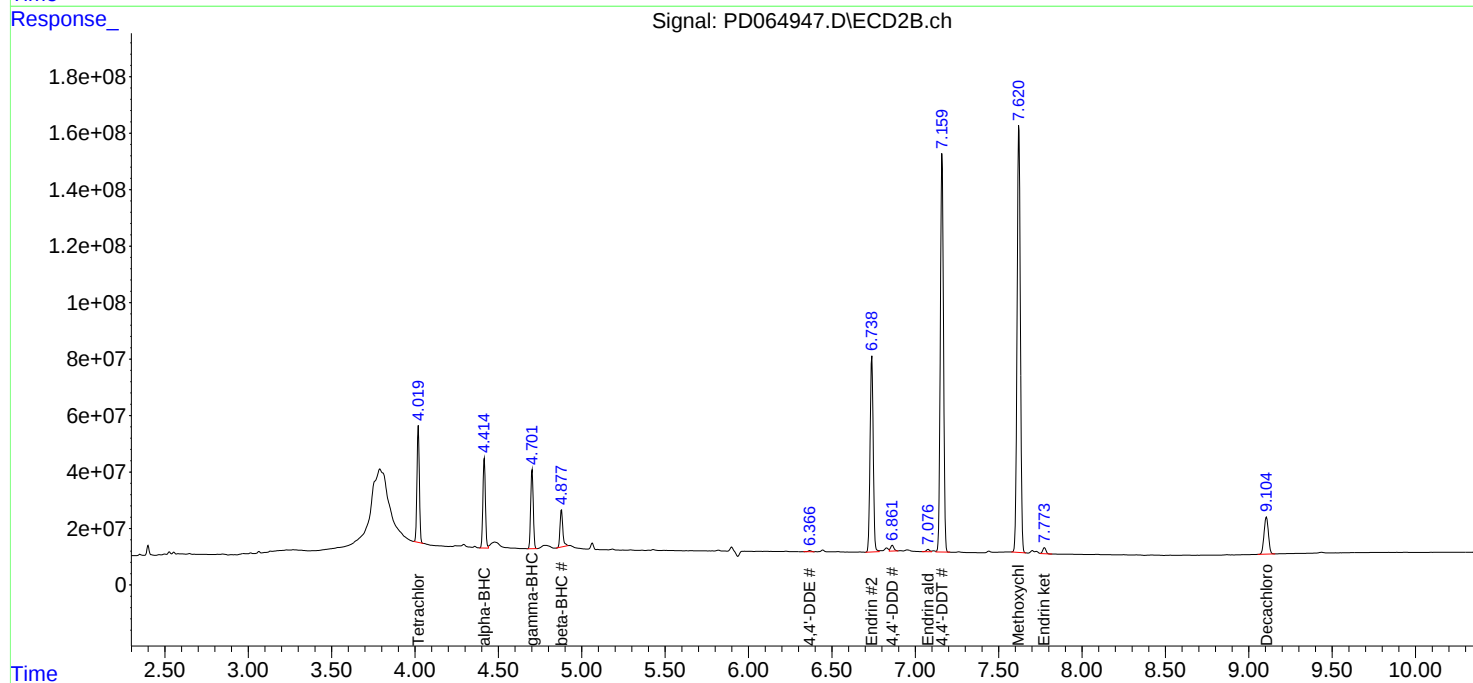
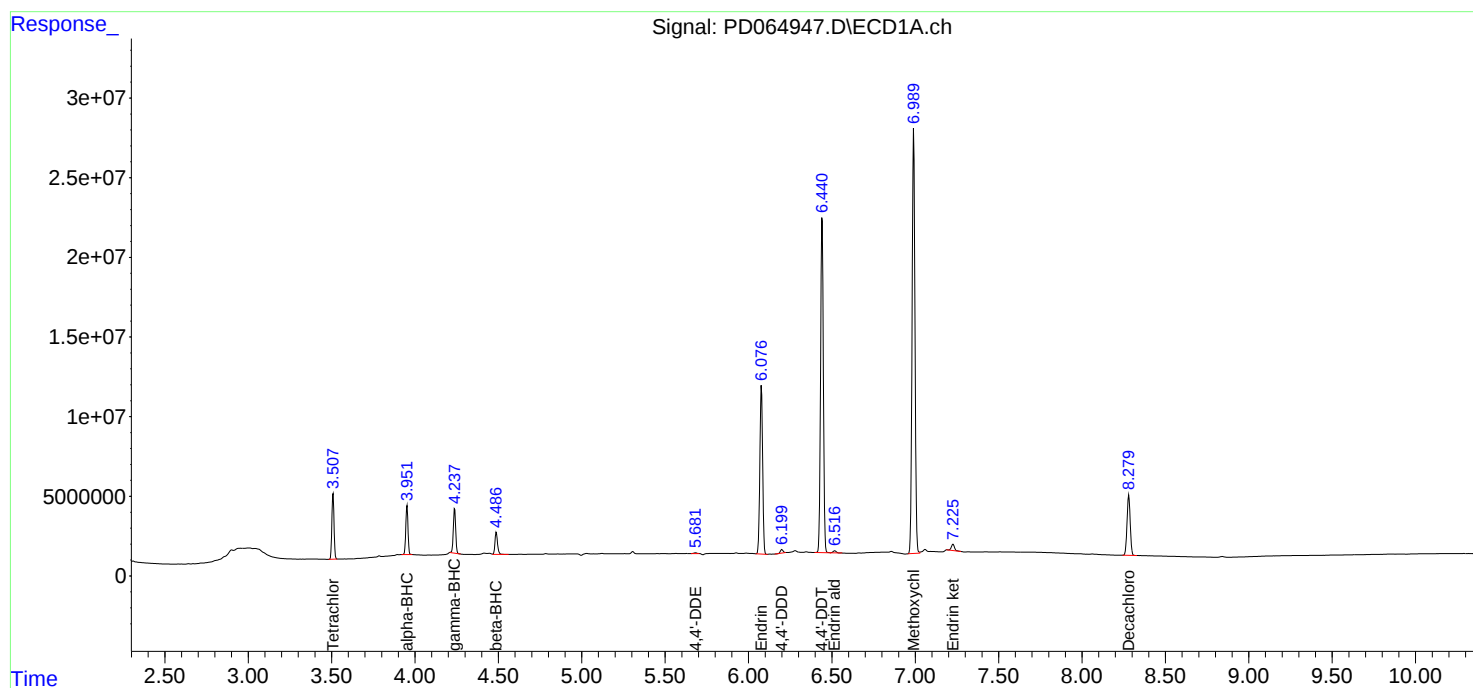
Instrument :
ECD_D
ClientSampleId :
PEM

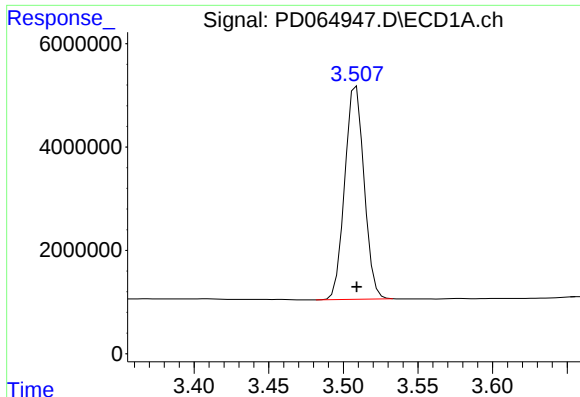
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Integration File signal 1: autoint1.e
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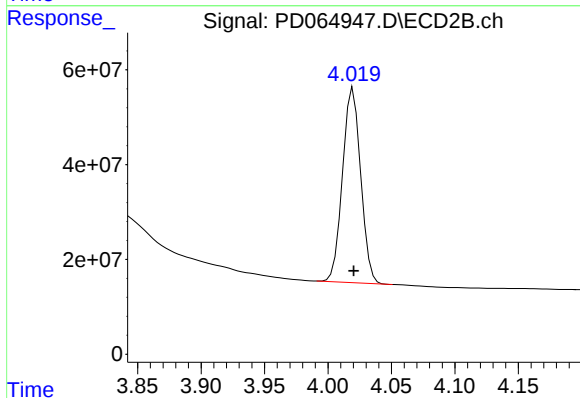
#1 Tetrachloro-m-xylene

R.T.: 3.509 min
Delta R.T.: 0.000 min
Response: 37305187
Conc: 19.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

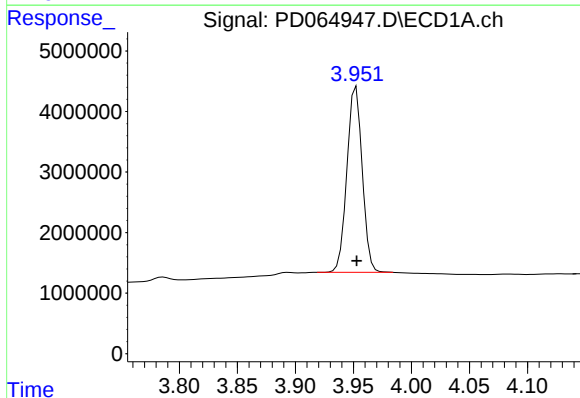
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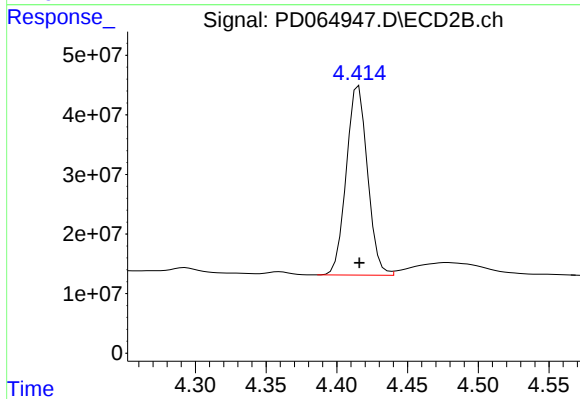
#1 Tetrachloro-m-xylene

R.T.: 4.020 min
Delta R.T.: 0.000 min
Response: 408270849
Conc: 20.10 ng/ml



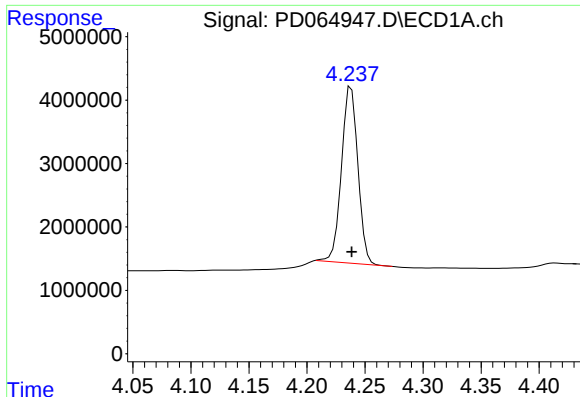
#2 alpha-BHC

R.T.: 3.952 min
Delta R.T.: 0.000 min
Response: 28107175
Conc: 9.33 ng/ml



#2 alpha-BHC

R.T.: 4.416 min
Delta R.T.: 0.000 min
Response: 332364845
Conc: 10.48 ng/ml



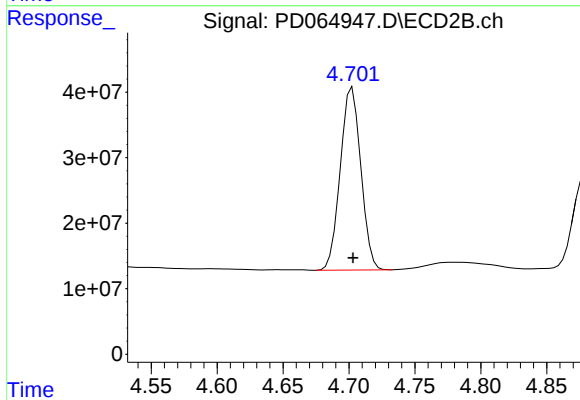
#3 gamma-BHC (Lindane)

R.T.: 4.238 min
Delta R.T.: 0.000 min
Response: 27304870
Conc: 9.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

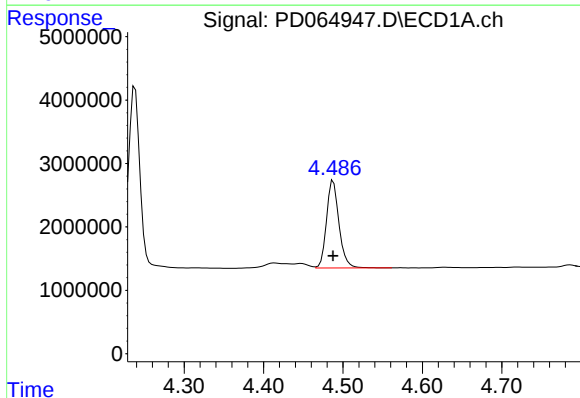
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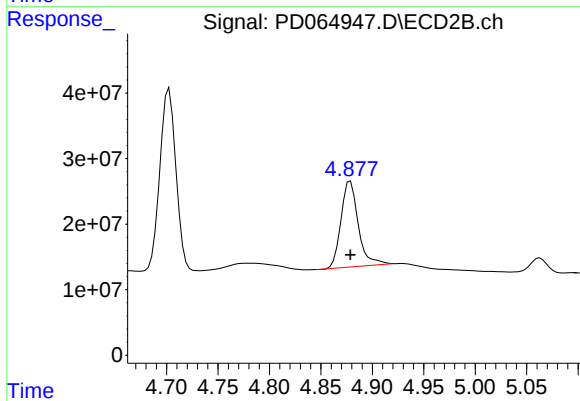
#3 gamma-BHC (Lindane)

R.T.: 4.703 min
Delta R.T.: 0.000 min
Response: 302148618
Conc: 10.50 ng/ml



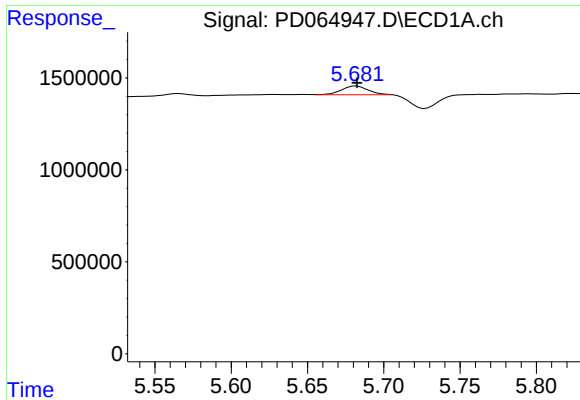
#6 beta-BHC

R.T.: 4.488 min
Delta R.T.: 0.000 min
Response: 15030549
Conc: 12.09 ng/ml



#6 beta-BHC

R.T.: 4.879 min
Delta R.T.: 0.000 min
Response: 153706268
Conc: 9.24 ng/ml



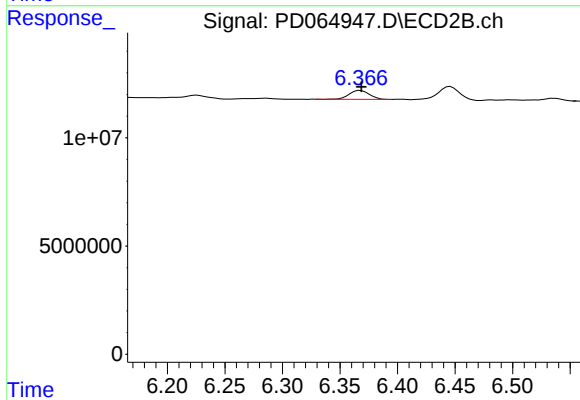
#12 4,4'-DDE

R.T.: 5.681 min
Delta R.T.: -0.002 min
Response: 586038
Conc: 0.22 ng/ml m

Instrument :
ECD_D
ClientSampleId :
PEM

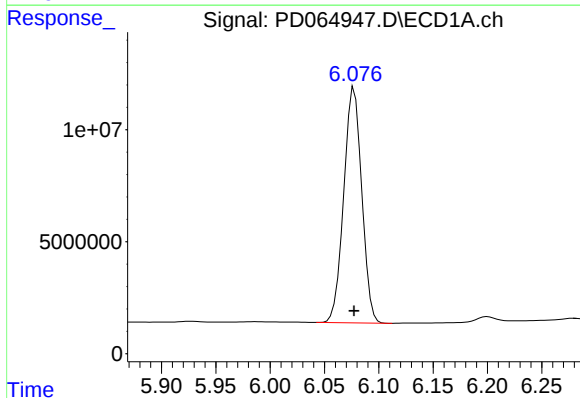
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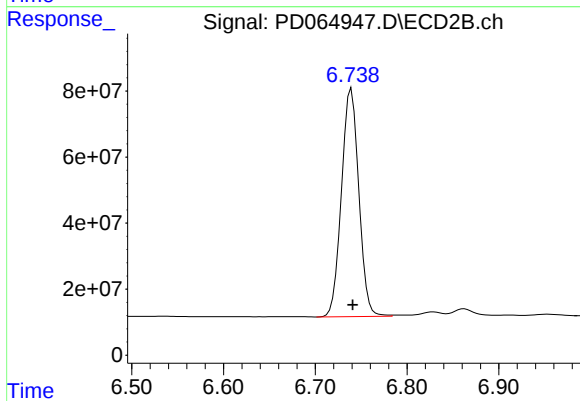
#12 4,4'-DDE

R.T.: 6.368 min
Delta R.T.: -0.001 min
Response: 5030217
Conc: 0.21 ng/ml



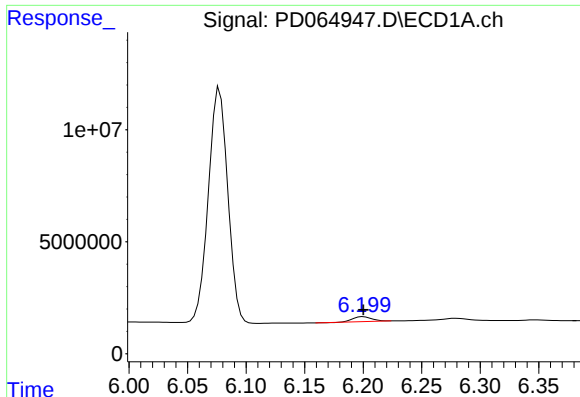
#14 Endrin

R.T.: 6.077 min
Delta R.T.: 0.000 min
Response: 121333058
Conc: 50.41 ng/ml



#14 Endrin

R.T.: 6.739 min
Delta R.T.: -0.001 min
Response: 906549470
Conc: 46.54 ng/ml



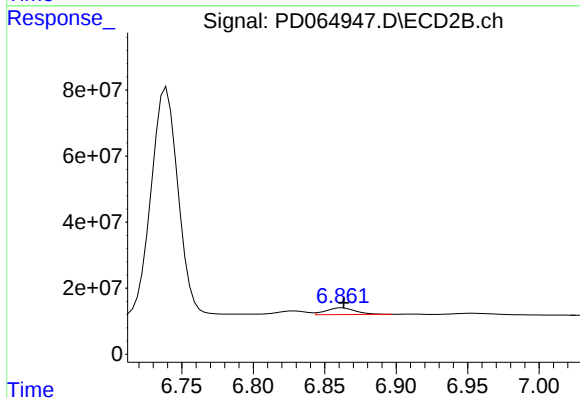
#16 4,4'-DDD

R.T.: 6.200 min
Delta R.T.: 0.000 min
Response: 2402115
Conc: 1.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

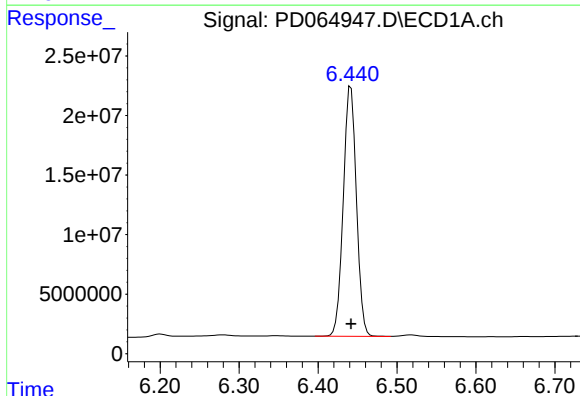
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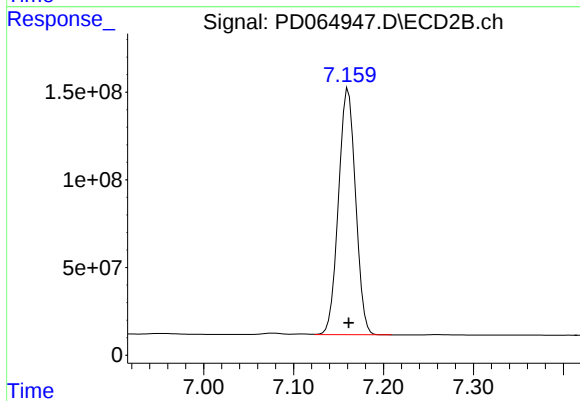
#16 4,4'-DDD

R.T.: 6.862 min
Delta R.T.: -0.001 min
Response: 28888605
Conc: 1.52 ng/ml



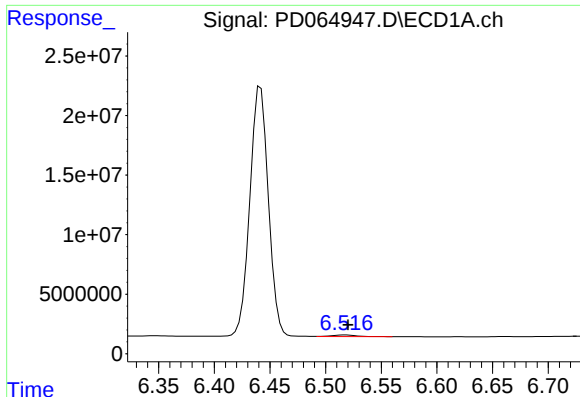
#17 4,4'-DDT

R.T.: 6.442 min
Delta R.T.: 0.000 min
Response: 242842028
Conc: 101.10 ng/ml



#17 4,4'-DDT

R.T.: 7.161 min
Delta R.T.: 0.000 min
Response: 1854917992
Conc: 93.15 ng/ml



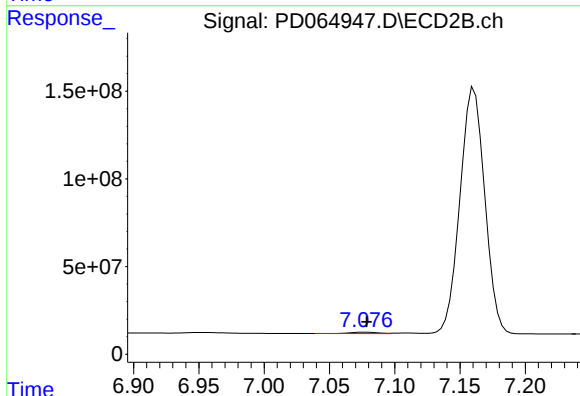
#18 Endrin aldehyde

R.T.: 6.518 min
Delta R.T.: -0.002 min
Response: 1751487
Conc: 0.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

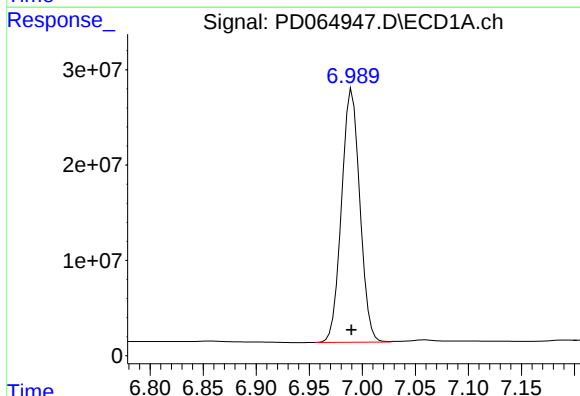
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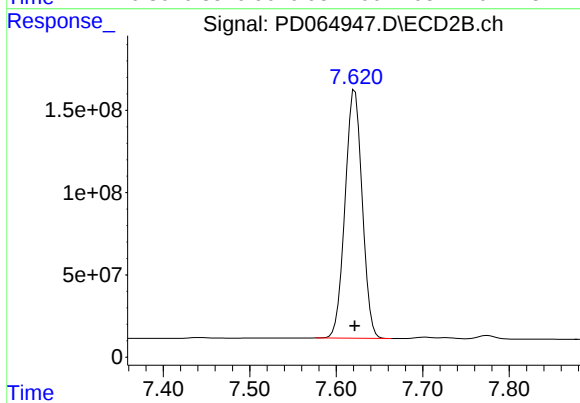
#18 Endrin aldehyde

R.T.: 7.078 min
Delta R.T.: -0.001 min
Response: 11303340
Conc: 0.72 ng/ml



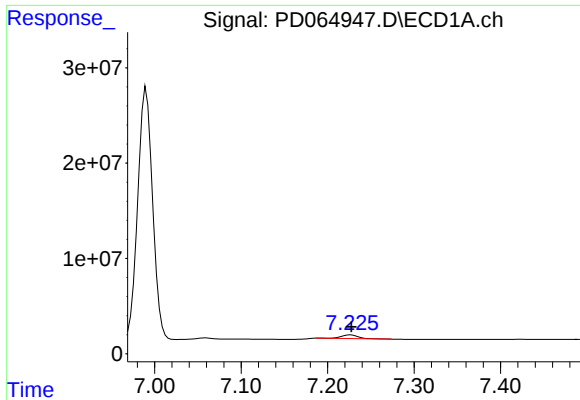
#20 Methoxychlor

R.T.: 6.990 min
Delta R.T.: 0.000 min
Response: 318058406
Conc: 226.82 ng/ml



#20 Methoxychlor

R.T.: 7.621 min
Delta R.T.: 0.000 min
Response: 2069045644
Conc: 217.80 ng/ml



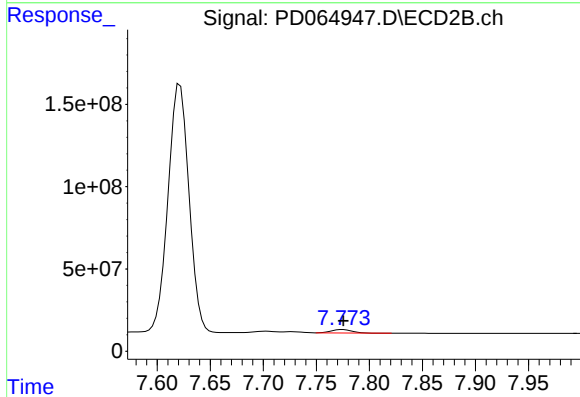
#21 Endrin ketone

R.T.: 7.227 min
Delta R.T.: 0.000 min
Response: 5101837
Conc: 1.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

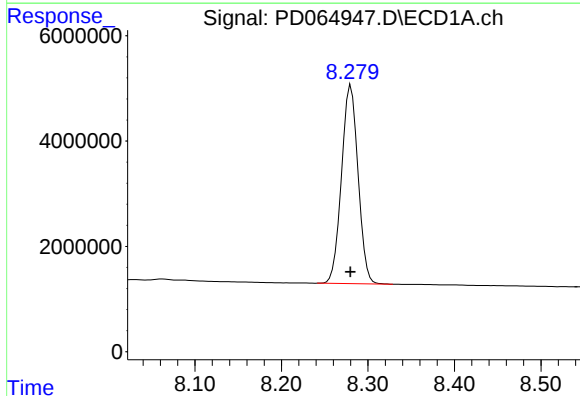
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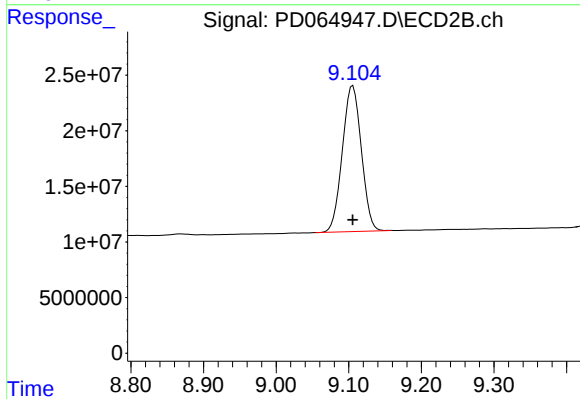
#21 Endrin ketone

R.T.: 7.775 min
Delta R.T.: 0.000 min
Response: 29045796
Conc: 1.52 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.280 min
Delta R.T.: 0.000 min
Response: 49766477
Conc: 20.25 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.106 min
Delta R.T.: 0.000 min
Response: 238870967
Conc: 21.49 ng/ml