

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070720\
 Data File : PD058461.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jul 2020 09:34
 Operator : AJ\MA
 Sample : PEM
 Misc :
 ALS Vial : 3 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: Jul 07 12:47:50 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD070720.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 07 12:46:46 2020
 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...	3.210	3.866	36155451	49977147	19.830	20.227
28)	SA Decachlor...	7.846	8.860	36133340	44010163	20.009	20.186
Target Compounds							
2)	A alpha-BHC	3.632	4.249	25410751	33708496	8.875	8.941
3)	MA gamma-BHC...	3.903	4.529	22781202	31707023	8.896	9.172
6)	B beta-BHC	4.152	4.701	10589117	14401426	10.335	10.168
12)	B 4,4'-DDE	5.294	6.174	487133	700991	0.226m	0.255m
14)	MA Endrin	5.665	6.536	65545630	103.9E6	46.024	48.821
16)	A 4,4'-DDD	5.802	6.663	1521332	2065028	1.163m	0.896m
17)	MA 4,4'-DDT	6.036	6.961	149.0E6	227.9E6	101.079	99.323
18)	B Endrin al...	6.107	6.869	2649459	4116133	1.902	1.925
20)	A Methoxychlor	6.584	7.421	127.6E6	268.9E6	216.598	223.701
21)	B Endrin ke...	6.796	7.557	5610855	7371389	3.085	2.708

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

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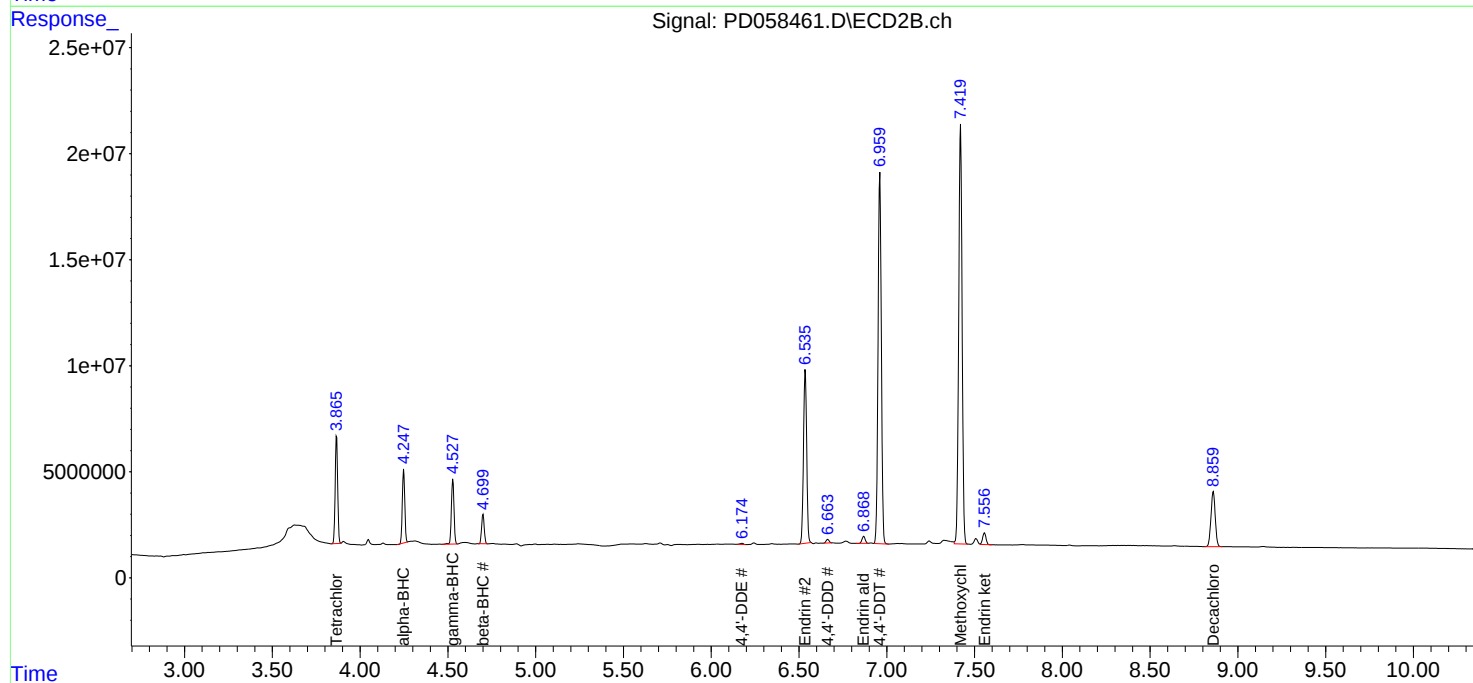
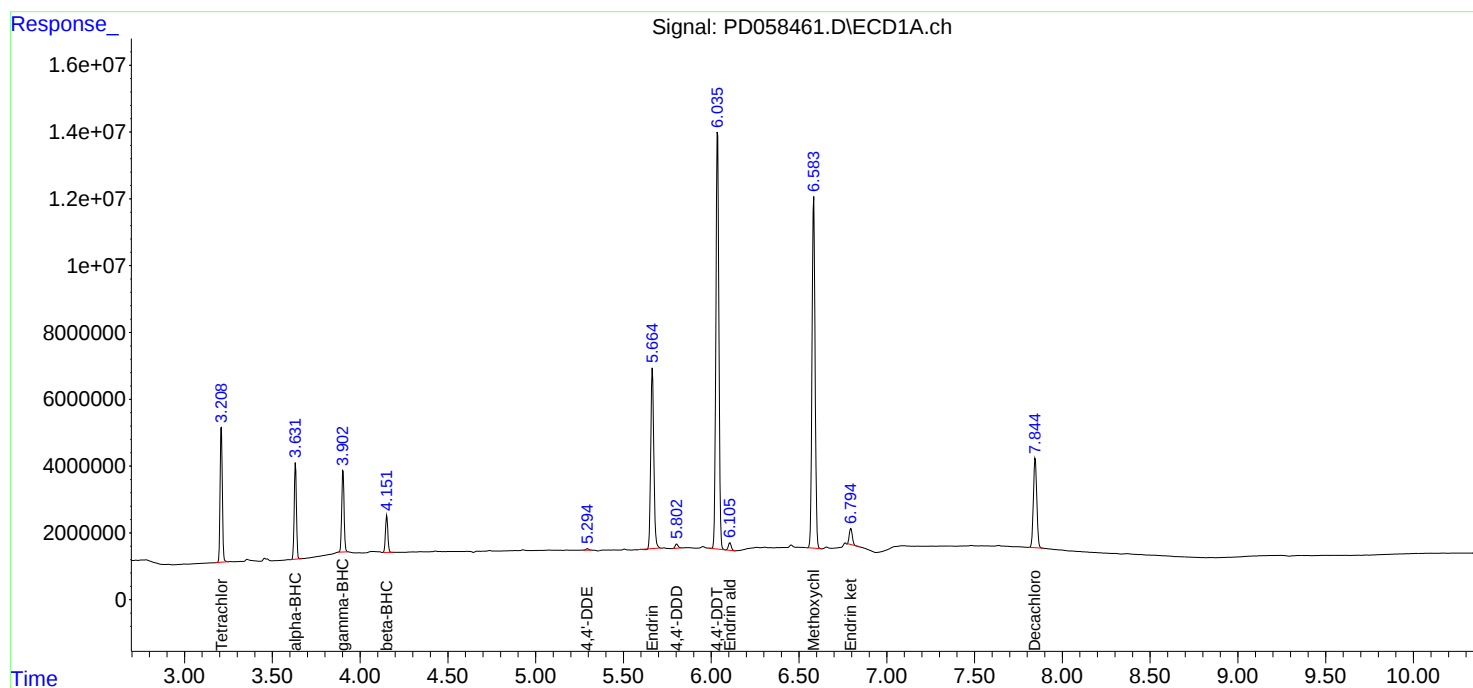
Instrument :
ECD_D
ClientSampleId :
PEM

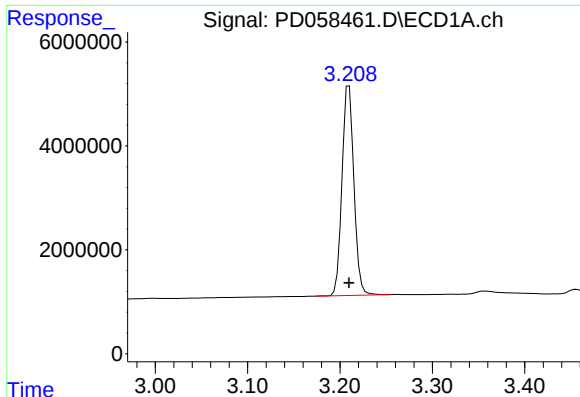
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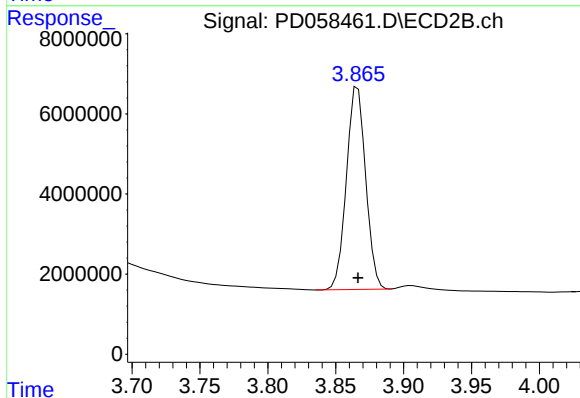
#1 Tetrachloro-m-xylene

R.T.: 3.210 min
Delta R.T.: 0.000 min
Response: 36155451
Conc: 19.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

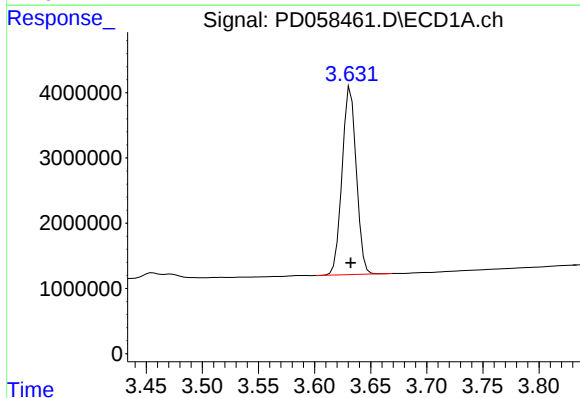
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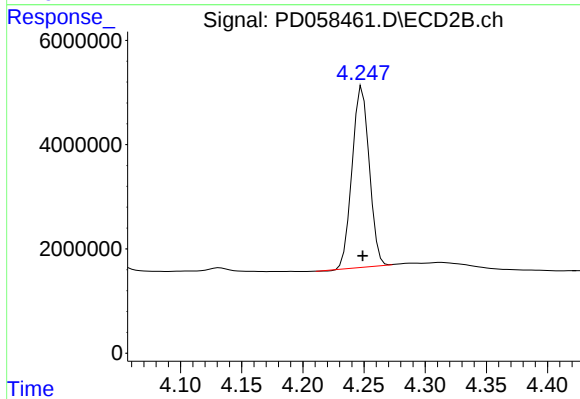
#1 Tetrachloro-m-xylene

R.T.: 3.866 min
Delta R.T.: 0.000 min
Response: 49977147
Conc: 20.23 ng/ml



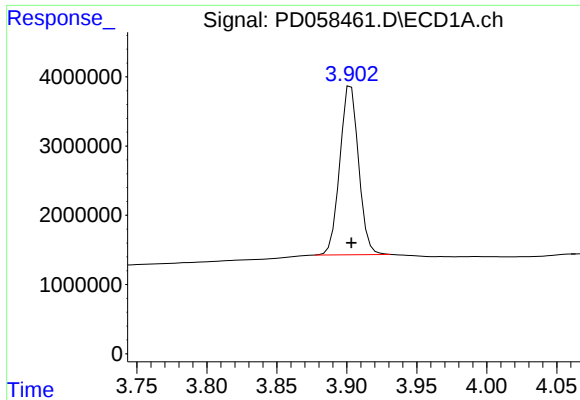
#2 alpha-BHC

R.T.: 3.632 min
Delta R.T.: 0.000 min
Response: 25410751
Conc: 8.88 ng/ml



#2 alpha-BHC

R.T.: 4.249 min
Delta R.T.: 0.000 min
Response: 33708496
Conc: 8.94 ng/ml



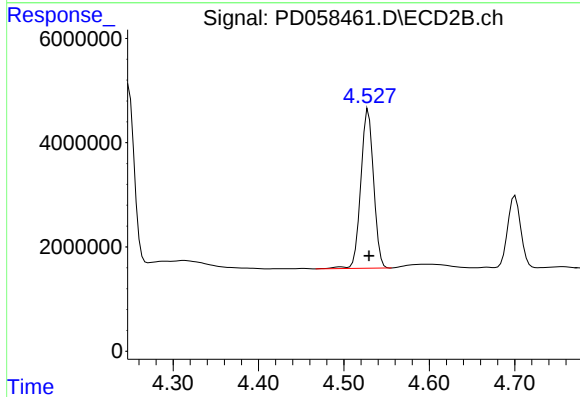
#3 gamma-BHC (Lindane)

R.T.: 3.903 min
Delta R.T.: 0.000 min
Response: 22781202
Conc: 8.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

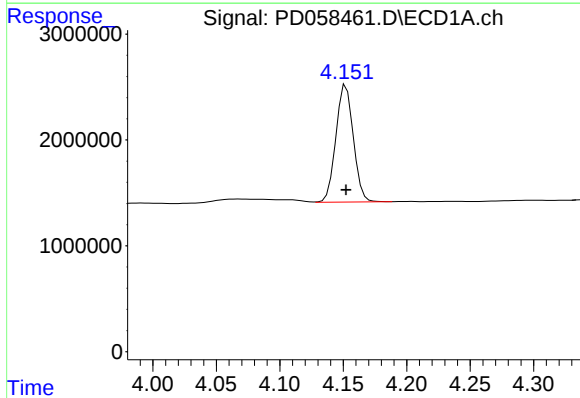
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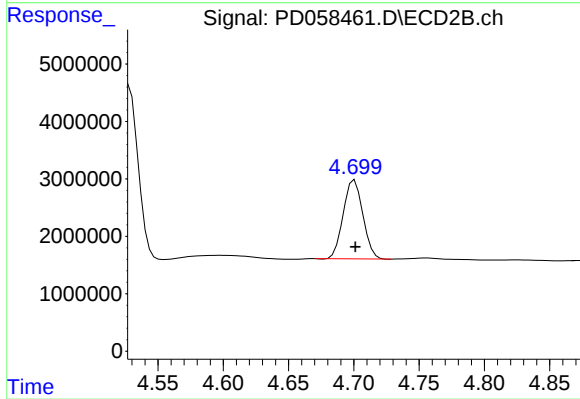
#3 gamma-BHC (Lindane)

R.T.: 4.529 min
Delta R.T.: 0.000 min
Response: 31707023
Conc: 9.17 ng/ml



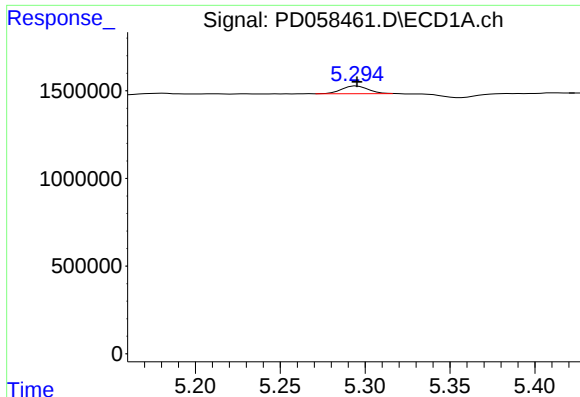
#6 beta-BHC

R.T.: 4.152 min
Delta R.T.: 0.000 min
Response: 10589117
Conc: 10.34 ng/ml



#6 beta-BHC

R.T.: 4.701 min
Delta R.T.: 0.000 min
Response: 14401426
Conc: 10.17 ng/ml



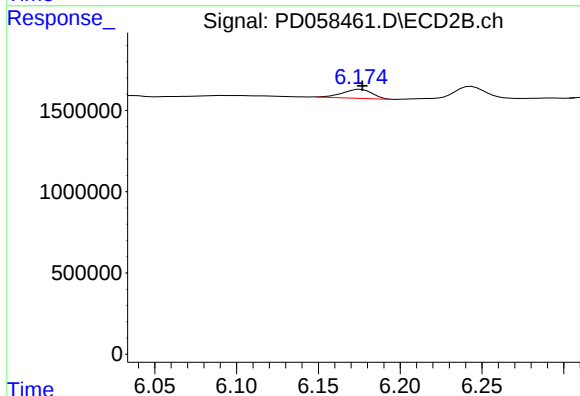
#12 4,4'-DDE

R.T.: 5.294 min
Delta R.T.: -0.002 min
Response: 487133
Conc: 0.23 ng/ml m

Instrument :
ECD_D
ClientSampleId :
PEM

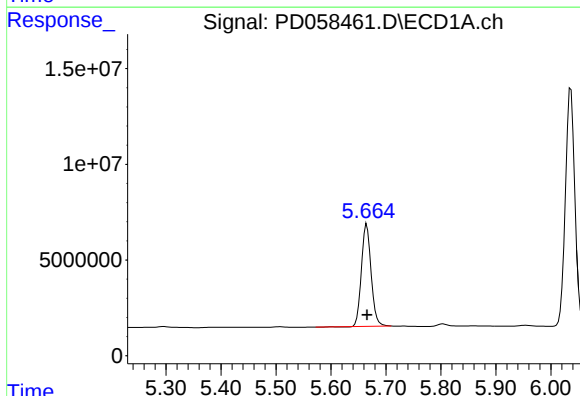
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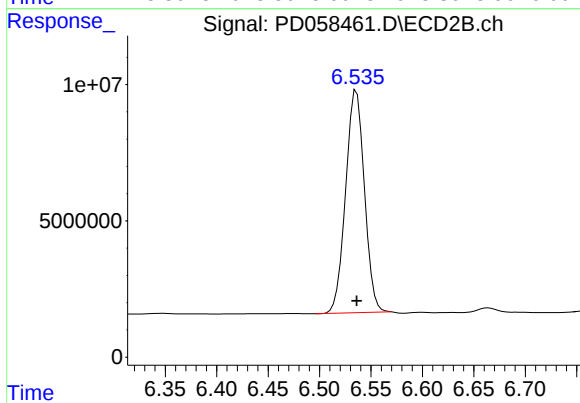
#12 4,4'-DDE

R.T.: 6.174 min
Delta R.T.: -0.003 min
Response: 700991
Conc: 0.26 ng/ml m



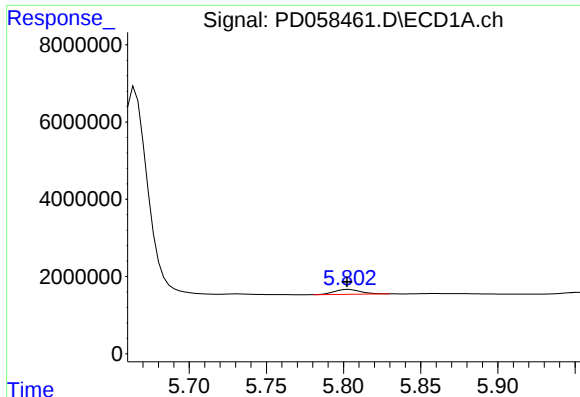
#14 Endrin

R.T.: 5.665 min
Delta R.T.: 0.000 min
Response: 65545630
Conc: 46.02 ng/ml



#14 Endrin

R.T.: 6.536 min
Delta R.T.: 0.000 min
Response: 103909668
Conc: 48.82 ng/ml



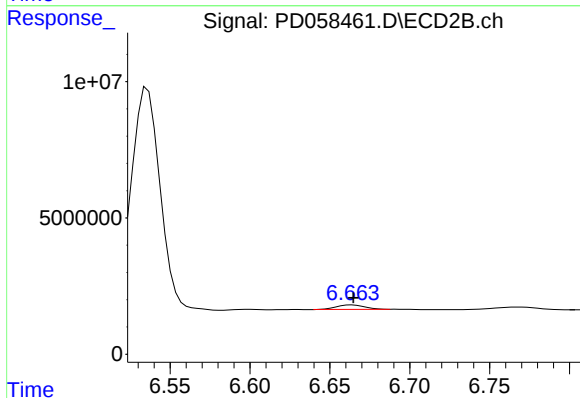
#16 4,4'-DDD

R.T.: 5.802 min
Delta R.T.: 0.000 min
Response: 1521332
Conc: 1.16 ng/ml m

Instrument :
ECD_D
ClientSampleId :
PEM

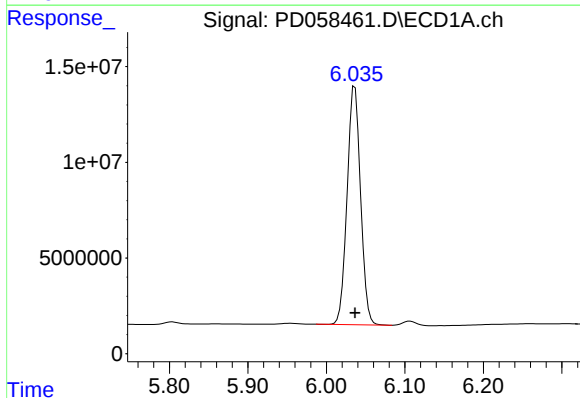
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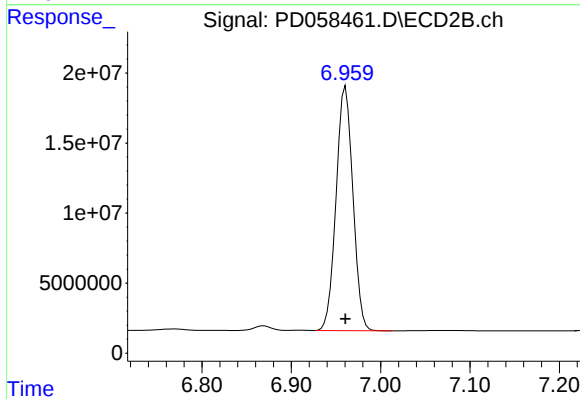
#16 4,4'-DDD

R.T.: 6.663 min
Delta R.T.: -0.002 min
Response: 2065028
Conc: 0.90 ng/ml m



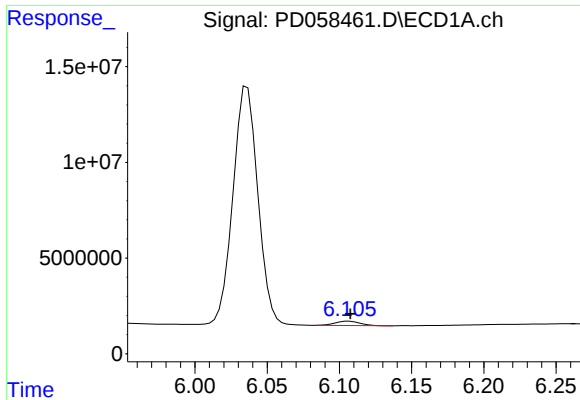
#17 4,4'-DDT

R.T.: 6.036 min
Delta R.T.: 0.000 min
Response: 148982161
Conc: 101.08 ng/ml



#17 4,4'-DDT

R.T.: 6.961 min
Delta R.T.: 0.000 min
Response: 227913660
Conc: 99.32 ng/ml



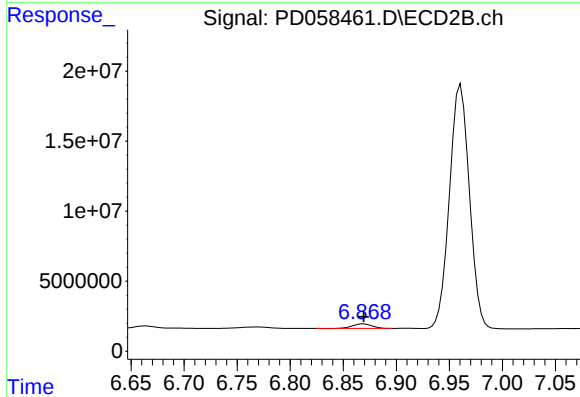
#18 Endrin aldehyde

R.T.: 6.107 min
Delta R.T.: 0.000 min
Response: 2649459
Conc: 1.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

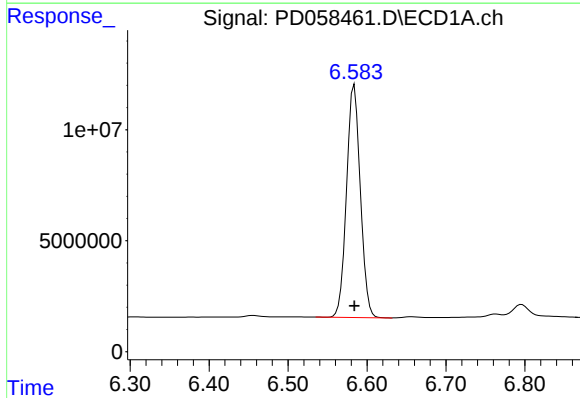
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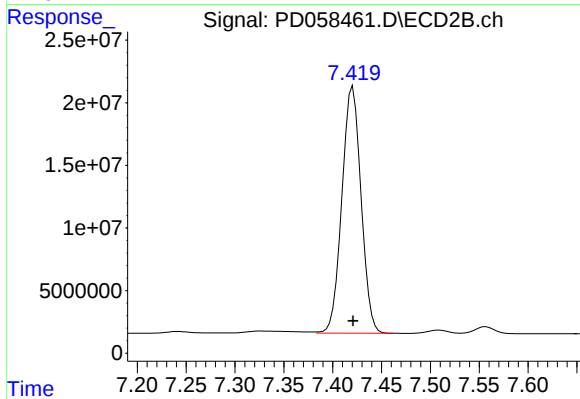
#18 Endrin aldehyde

R.T.: 6.869 min
Delta R.T.: 0.000 min
Response: 4116133
Conc: 1.92 ng/ml



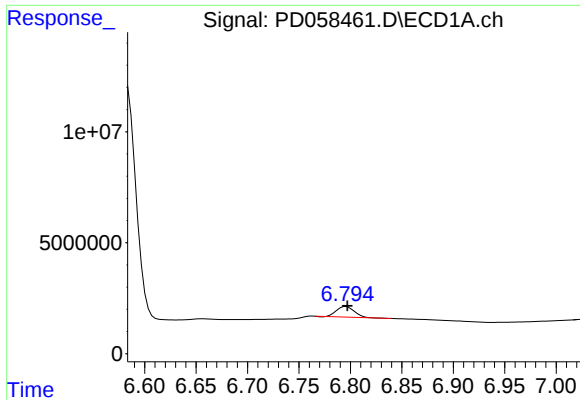
#20 Methoxychlor

R.T.: 6.584 min
Delta R.T.: 0.000 min
Response: 127605060
Conc: 216.60 ng/ml



#20 Methoxychlor

R.T.: 7.421 min
Delta R.T.: 0.000 min
Response: 268922250
Conc: 223.70 ng/ml



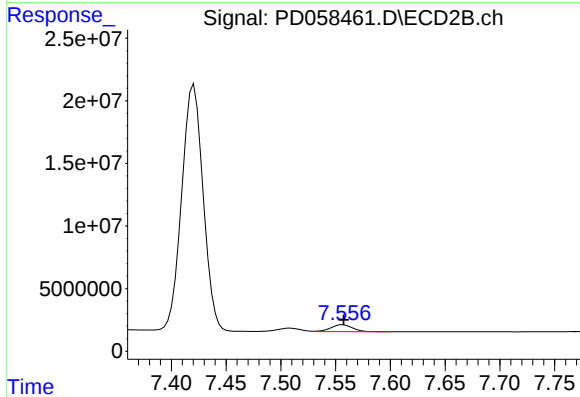
#21 Endrin ketone

R.T.: 6.796 min
Delta R.T.: -0.001 min
Response: 5610855
Conc: 3.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

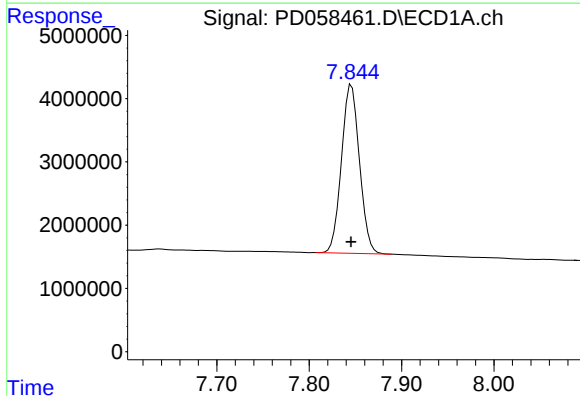
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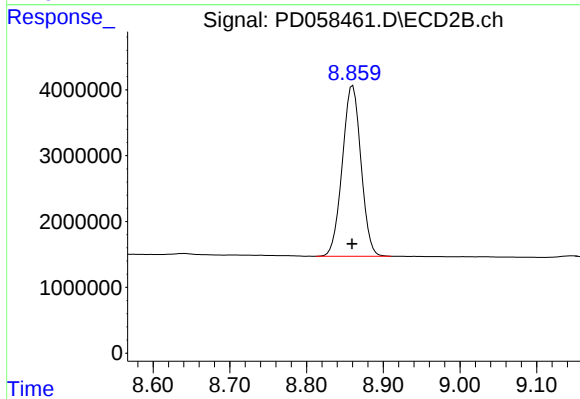
#21 Endrin ketone

R.T.: 7.557 min
Delta R.T.: 0.000 min
Response: 7371389
Conc: 2.71 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.846 min
Delta R.T.: 0.000 min
Response: 36133340
Conc: 20.01 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.860 min
Delta R.T.: 0.001 min
Response: 44010163
Conc: 20.19 ng/ml