

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071620\
 Data File : PD058619.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Jul 2020 09:33
 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 17 03:46:15 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD070720.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 08 08:01:25 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	3.865	31797518	45070867	17.439	18.242
28)	SA Decachlor...	7.844	8.857	32927221	40440642	18.234	18.548
Target Compounds							
2)	A alpha-BHC	3.632	4.248	22887683	32996510	7.994	8.752
3)	MA gamma-BHC...	3.903	4.528	21182587	28762094	8.272	8.320
6)	B beta-BHC	4.152	4.700	9655642	14064000	9.424	9.930
12)	B 4,4'-DDE	5.293	6.173	443314	580656	0.205m	0.211m
14)	MA Endrin	5.664	6.534	76286013	108.1E6	53.566	50.791
16)	A 4,4'-DDD	5.801	6.664	548518	1050638	0.419m	0.456
17)	MA 4,4'-DDT	6.035	6.960	141.4E6	212.0E6	95.934	92.387
18)	B Endrin al...	6.105	6.867	405626	614098	0.291m	0.287m
20)	A Methoxychlor	6.583	7.419	134.8E6	253.0E6	228.780	210.426
21)	B Endrin ke...	6.793	7.556	1940317	1977085	1.055m	0.726 #

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

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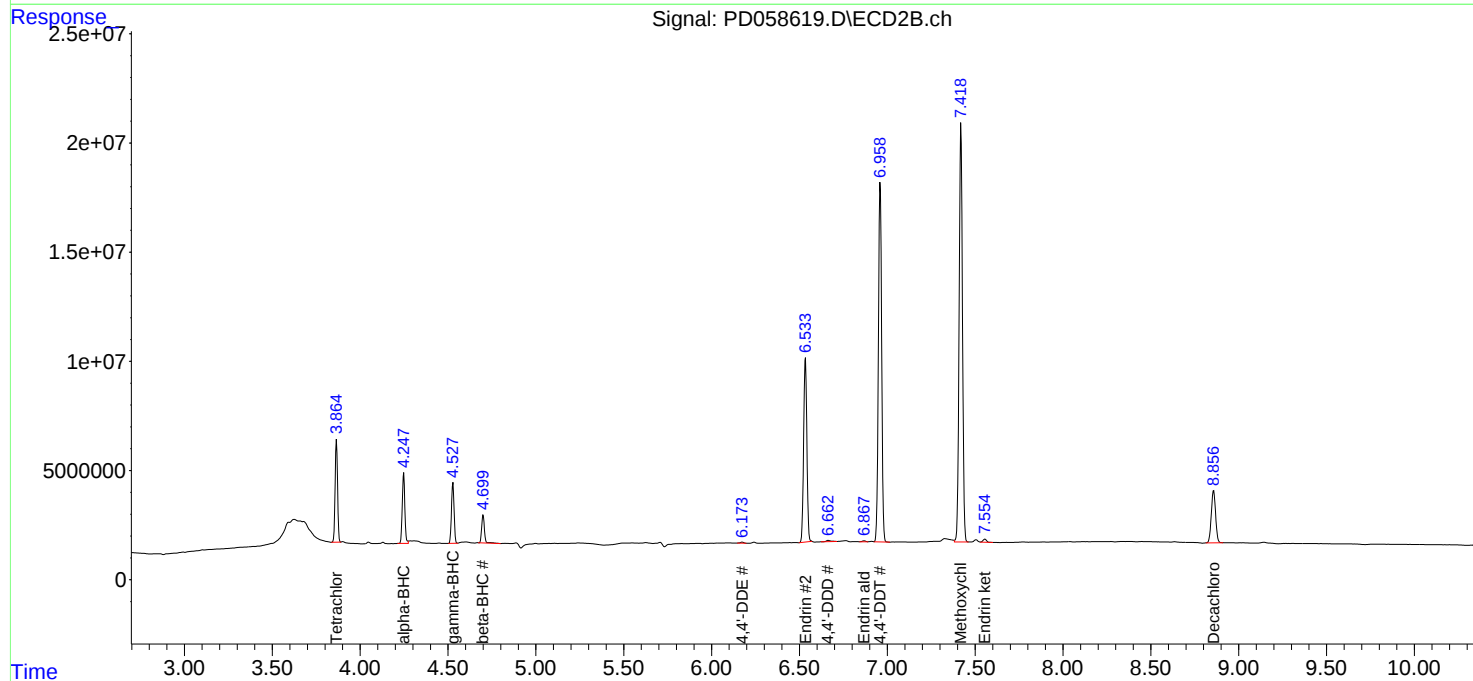
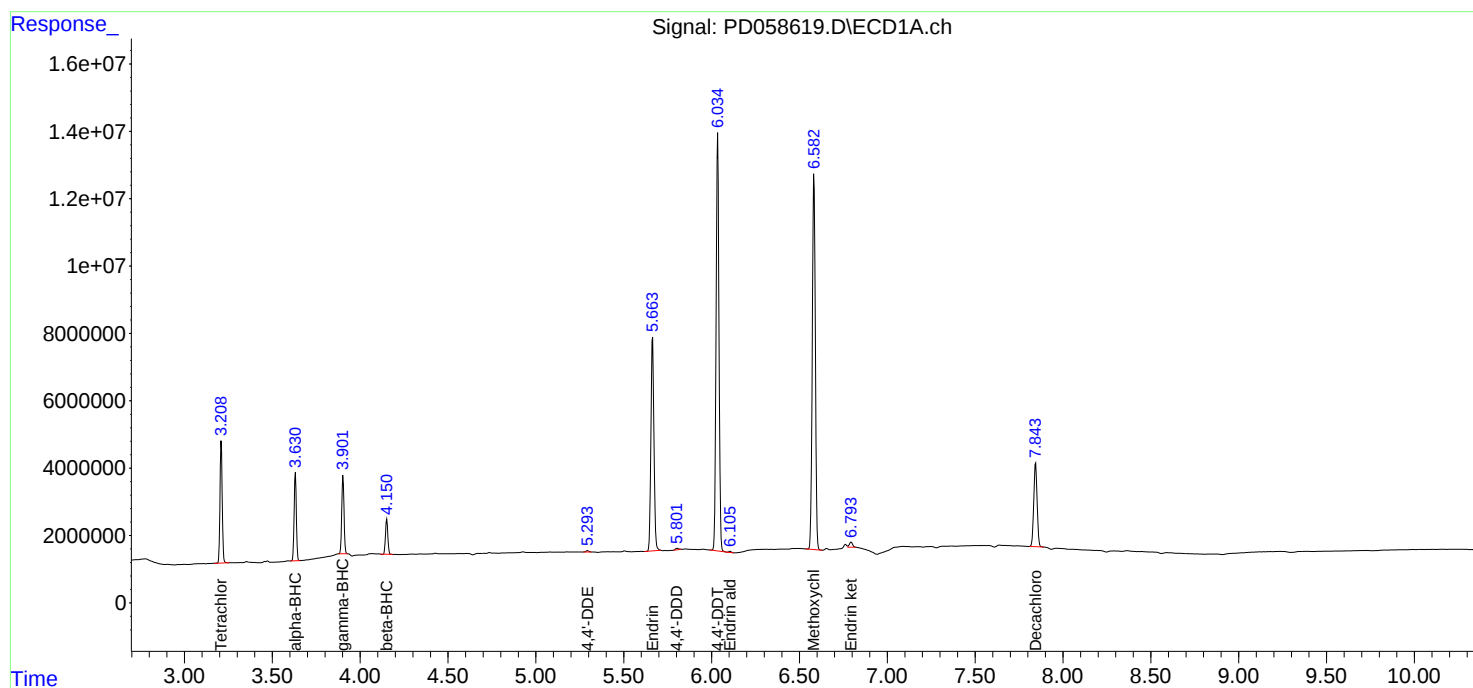
Instrument :
ECD_D
ClientSampleId :
PEM

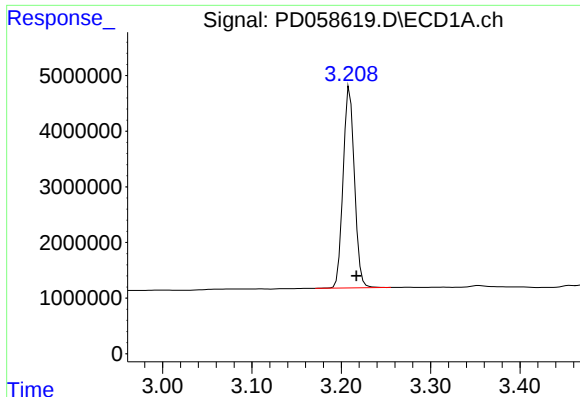
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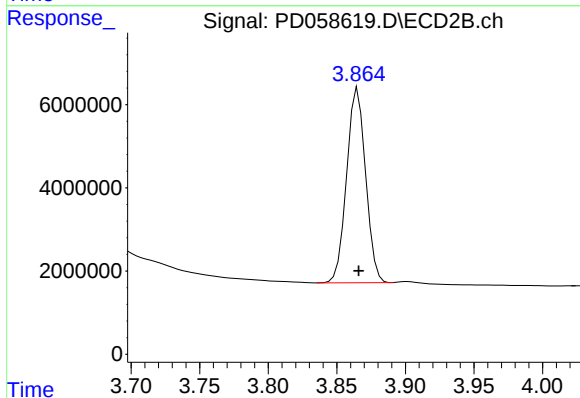
#1 Tetrachloro-m-xylene

R.T.: 3.210 min
Delta R.T.: -0.007 min
Response: 31797518
Conc: 17.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

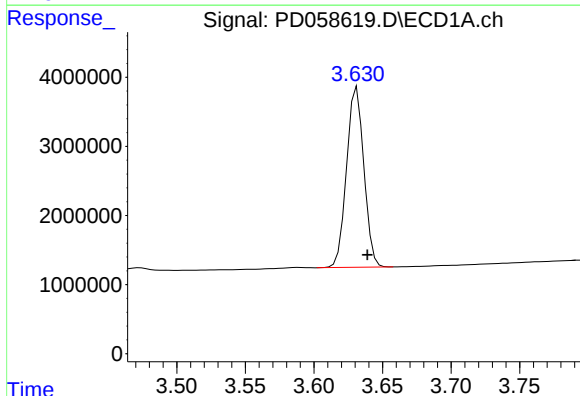
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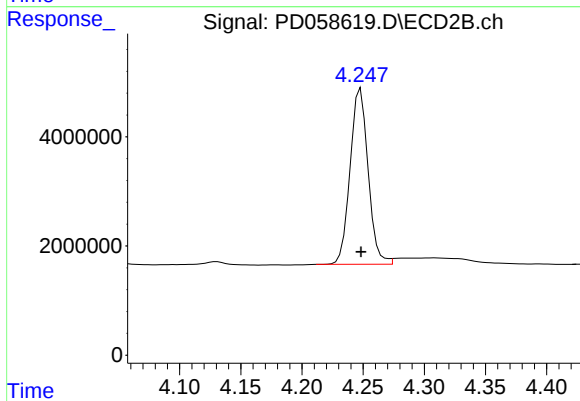
#1 Tetrachloro-m-xylene

R.T.: 3.865 min
Delta R.T.: 0.000 min
Response: 45070867
Conc: 18.24 ng/ml



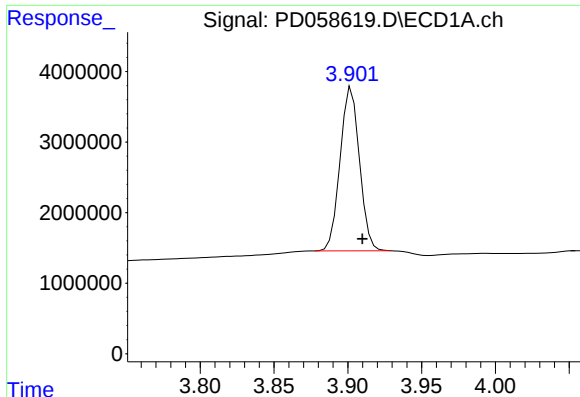
#2 alpha-BHC

R.T.: 3.632 min
Delta R.T.: -0.007 min
Response: 22887683
Conc: 7.99 ng/ml



#2 alpha-BHC

R.T.: 4.248 min
Delta R.T.: 0.000 min
Response: 32996510
Conc: 8.75 ng/ml



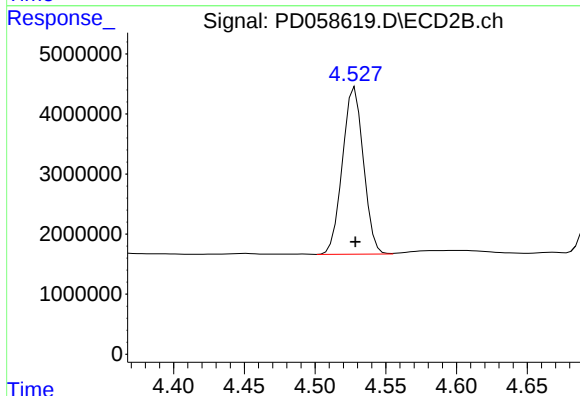
#3 gamma-BHC (Lindane)

R.T.: 3.903 min
Delta R.T.: -0.007 min
Response: 21182587
Conc: 8.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

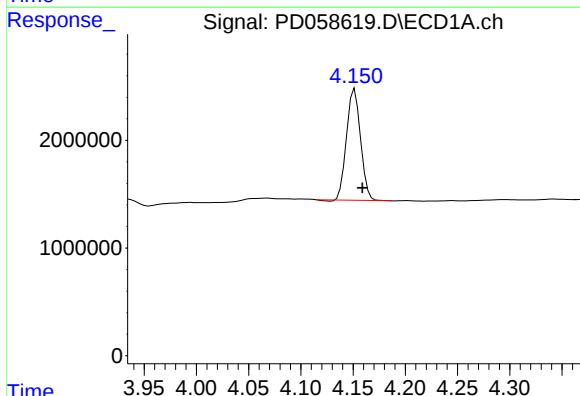
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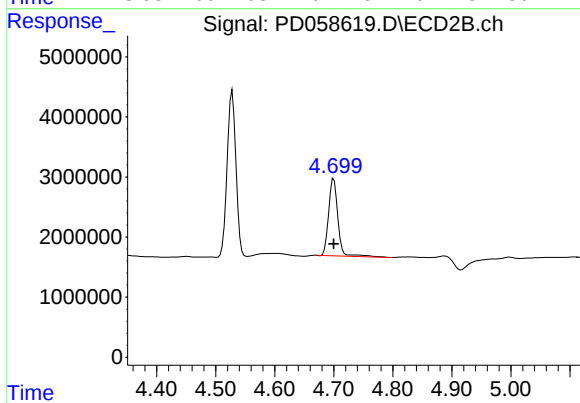
#3 gamma-BHC (Lindane)

R.T.: 4.528 min
Delta R.T.: 0.000 min
Response: 28762094
Conc: 8.32 ng/ml



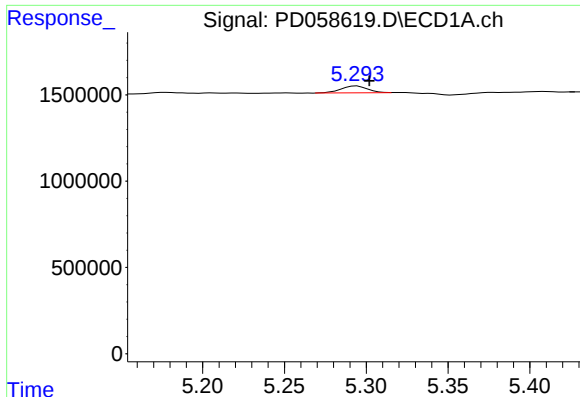
#6 beta-BHC

R.T.: 4.152 min
Delta R.T.: -0.007 min
Response: 9655642
Conc: 9.42 ng/ml



#6 beta-BHC

R.T.: 4.700 min
Delta R.T.: 0.000 min
Response: 14064000
Conc: 9.93 ng/ml



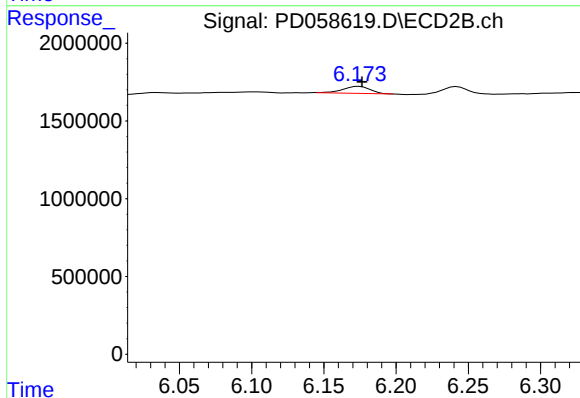
#12 4,4'-DDE

R.T.: 5.293 min
Delta R.T.: -0.009 min
Response: 443314
Conc: 0.21 ng/ml m

Instrument :
ECD_D
ClientSampleId :
PEM

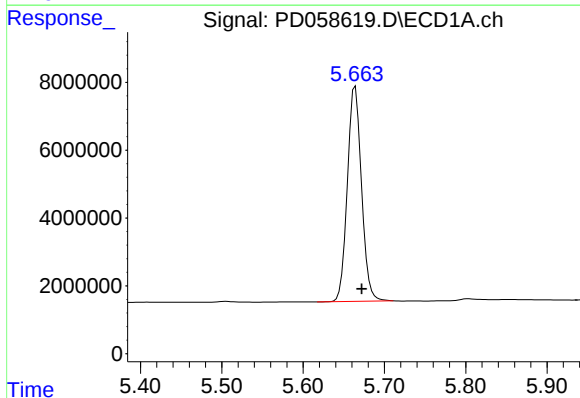
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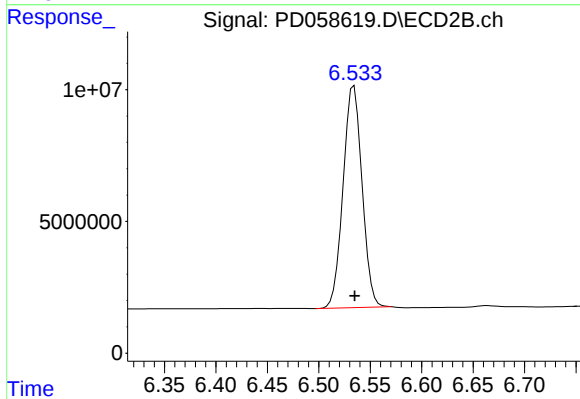
#12 4,4'-DDE

R.T.: 6.173 min
Delta R.T.: -0.004 min
Response: 580656
Conc: 0.21 ng/ml m



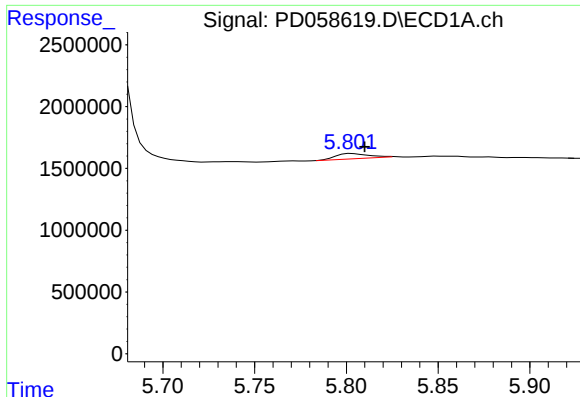
#14 Endrin

R.T.: 5.664 min
Delta R.T.: -0.008 min
Response: 76286013
Conc: 53.57 ng/ml



#14 Endrin

R.T.: 6.534 min
Delta R.T.: 0.000 min
Response: 108102097
Conc: 50.79 ng/ml



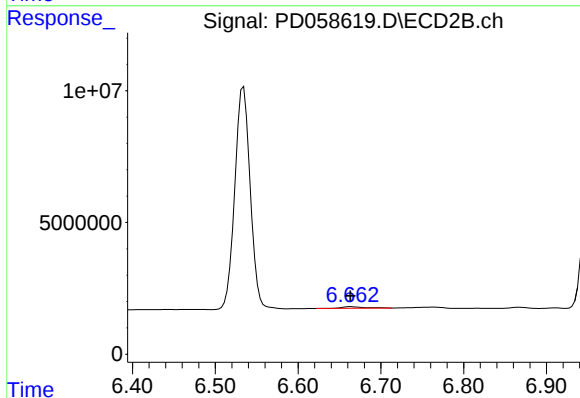
#16 4,4'-DDD

R.T.: 5.801 min
Delta R.T.: -0.009 min
Response: 548518
Conc: 0.42 ng/ml m

Instrument :
ECD_D
ClientSampleId :
PEM

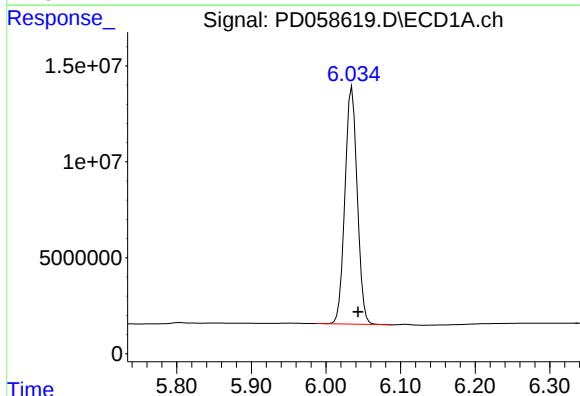
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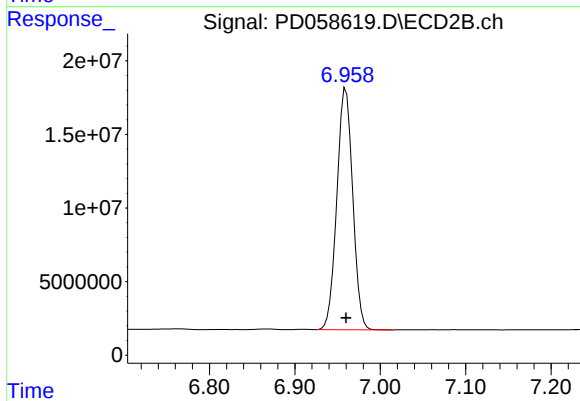
#16 4,4'-DDD

R.T.: 6.664 min
Delta R.T.: 0.000 min
Response: 1050638
Conc: 0.46 ng/ml



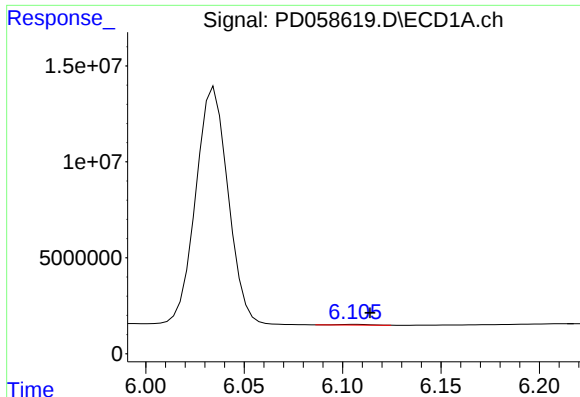
#17 4,4'-DDT

R.T.: 6.035 min
Delta R.T.: -0.008 min
Response: 141398582
Conc: 95.93 ng/ml



#17 4,4'-DDT

R.T.: 6.960 min
Delta R.T.: 0.000 min
Response: 211998129
Conc: 92.39 ng/ml



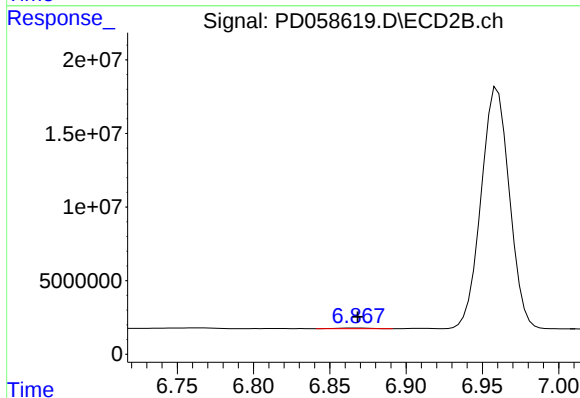
#18 Endrin aldehyde

R.T.: 6.105 min
Delta R.T.: -0.009 min
Response: 405626
Conc: 0.29 ng/ml m

Instrument :
ECD_D
ClientSampleId :
PEM

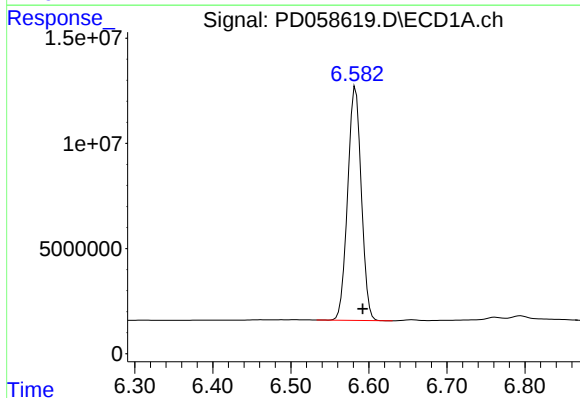
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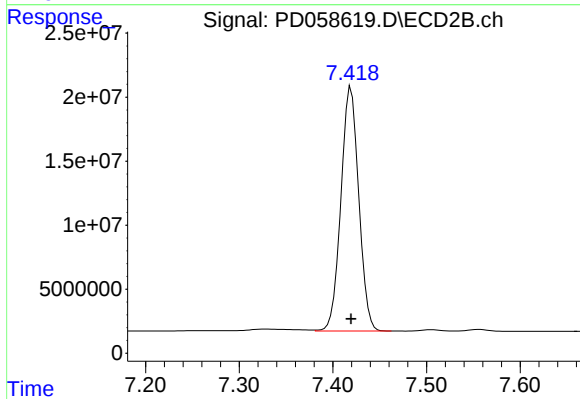
#18 Endrin aldehyde

R.T.: 6.867 min
Delta R.T.: -0.001 min
Response: 614098
Conc: 0.29 ng/ml m



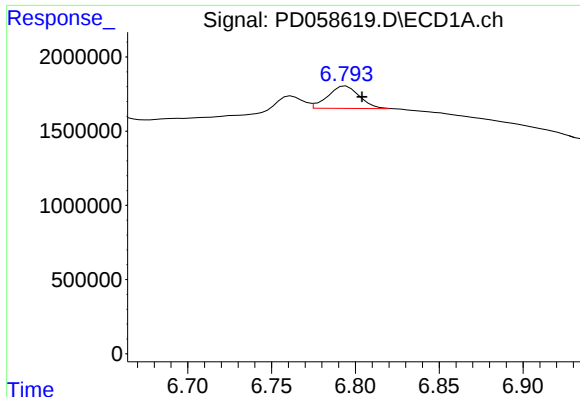
#20 Methoxychlor

R.T.: 6.583 min
Delta R.T.: -0.009 min
Response: 134782175
Conc: 228.78 ng/ml



#20 Methoxychlor

R.T.: 7.419 min
Delta R.T.: 0.000 min
Response: 252964349
Conc: 210.43 ng/ml



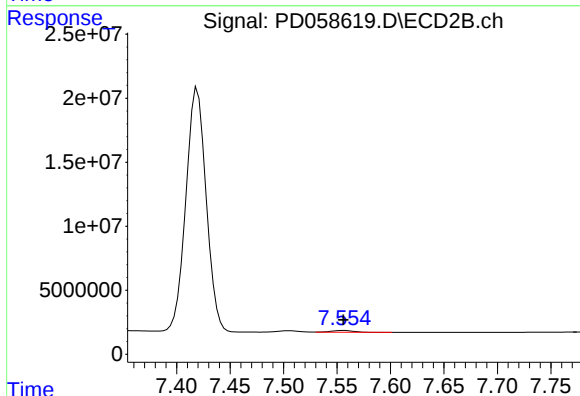
#21 Endrin ketone

R.T.: 6.793 min
Delta R.T.: -0.011 min
Response: 1940317
Conc: 1.05 ng/ml m

Instrument :
ECD_D
ClientSampleId :
PEM

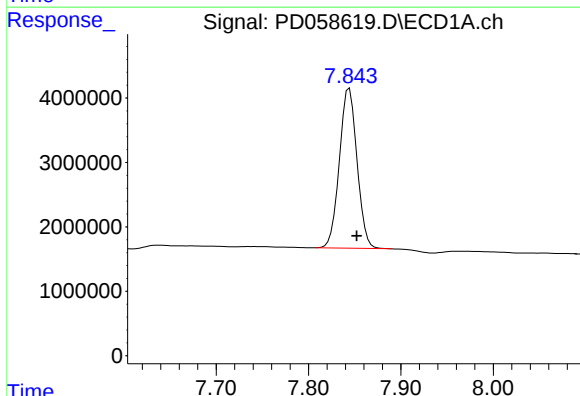
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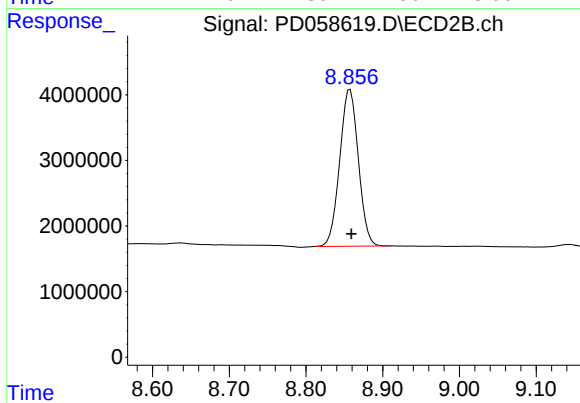
#21 Endrin ketone

R.T.: 7.556 min
Delta R.T.: 0.000 min
Response: 1977085
Conc: 0.73 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.844 min
Delta R.T.: -0.008 min
Response: 32927221
Conc: 18.23 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.857 min
Delta R.T.: -0.002 min
Response: 40440642
Conc: 18.55 ng/ml