

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD060422\
 Data File : PD070008.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Jun 2022 09:06
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/04/2022
 Supervised By : Ankita Jodhani 06/06/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 04 00:31:55 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD052622.M
 Quant Title : GC Extractables
 QLast Update : Thu May 26 05:06:06 2022
 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...	3.441	4.168	21154027	207.5E6	19.878	23.544
28)	SA Decachlor...	8.195	9.362	22407439	128.4E6	20.543	23.743
Target Compounds							
2)	A alpha-BHC	3.880	4.563	14867237	156.3E6	9.072	11.938 #
3)	MA gamma-BHC...	4.163	4.854	14904999	145.0E6	8.636	11.752 #
6)	B beta-BHC	4.414	5.018	7488604	71234852	10.760	13.561 #
12)	B 4,4'-DDE	5.599	6.542	404354	5654222	0.319m	0.625m#
14)	MA Endrin	5.992	6.923	51423945	355.6E6	44.536	52.691
16)	A 4,4'-DDD	6.118	7.035	7605980	66692485	7.030	9.006 #
17)	MA 4,4'-DDT	6.359	7.338	87531221	647.0E6	88.320	88.417
18)	B Endrin al...	6.435	7.253	2447942	20314859	2.849	3.538
20)	A Methoxychlor	6.909	7.792	121.7E6	769.4E6	214.465	215.778
21)	B Endrin ke...	7.141	7.953	5438349	35035570	4.081	4.401

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

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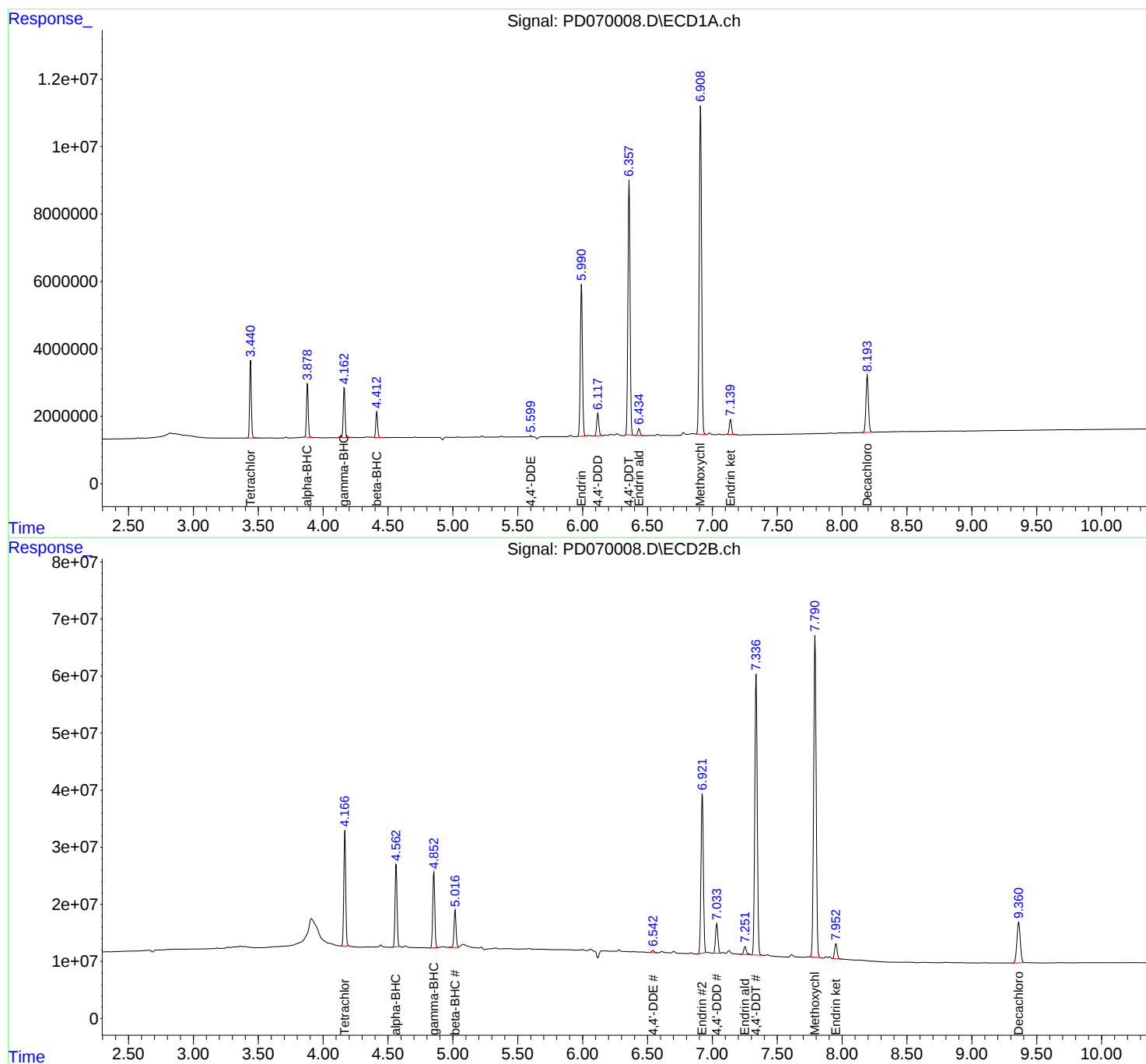
Instrument :
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PEM

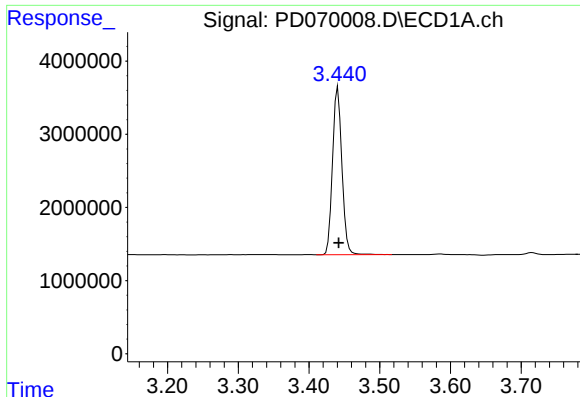
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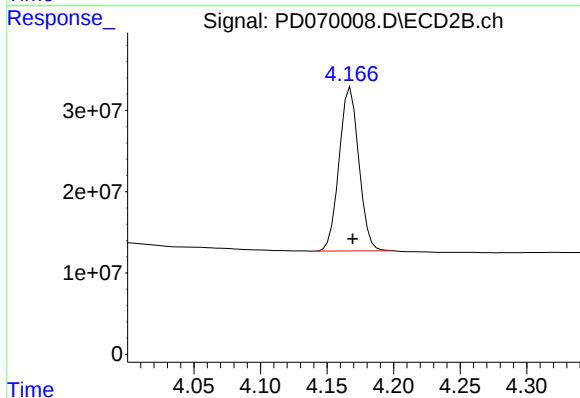
#1 Tetrachloro-m-xylene

R.T.: 3.441 min
Delta R.T.: -0.001 min
Response: 21154027
Conc: 19.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

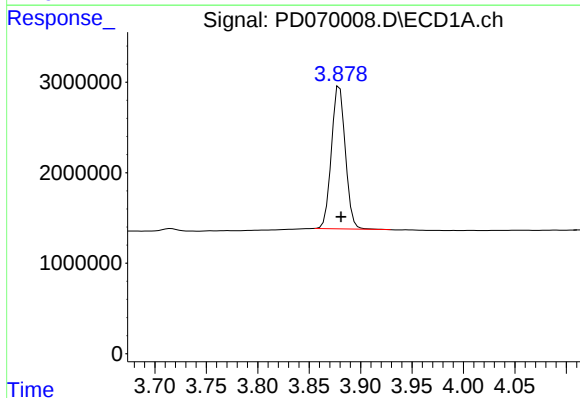
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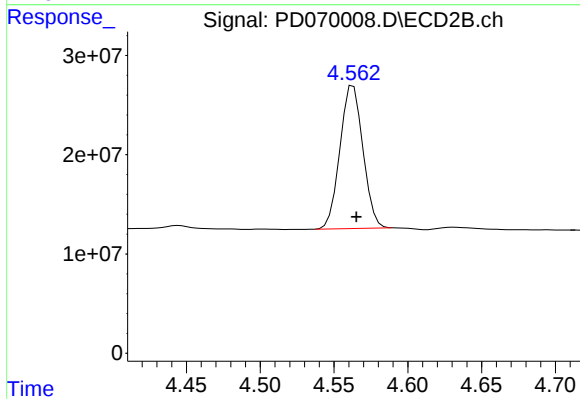
#1 Tetrachloro-m-xylene

R.T.: 4.168 min
Delta R.T.: -0.002 min
Response: 207460488
Conc: 23.54 ng/ml



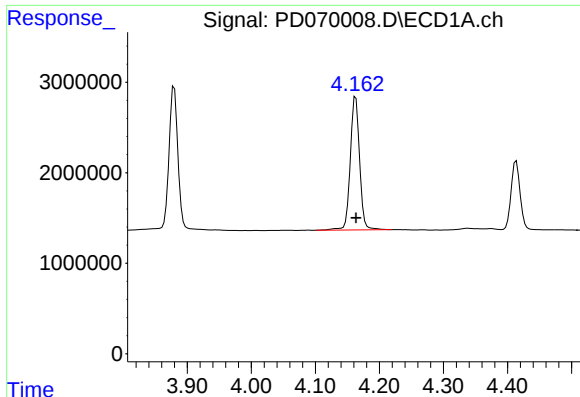
#2 alpha-BHC

R.T.: 3.880 min
Delta R.T.: -0.001 min
Response: 14867237
Conc: 9.07 ng/ml



#2 alpha-BHC

R.T.: 4.563 min
Delta R.T.: -0.002 min
Response: 156327969
Conc: 11.94 ng/ml



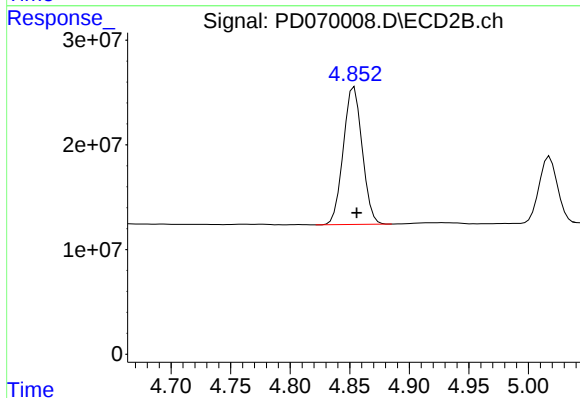
#3 gamma-BHC (Lindane)

R.T.: 4.163 min
Delta R.T.: 0.000 min
Response: 14904999
Conc: 8.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

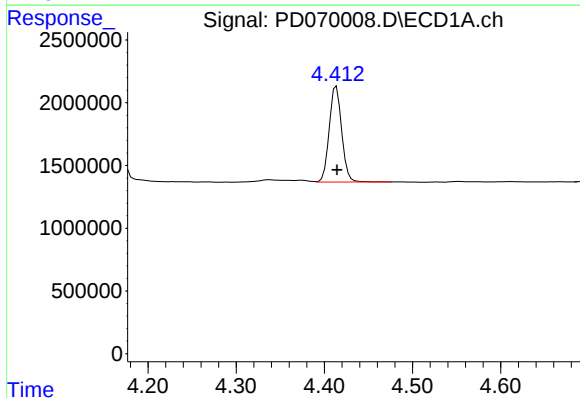
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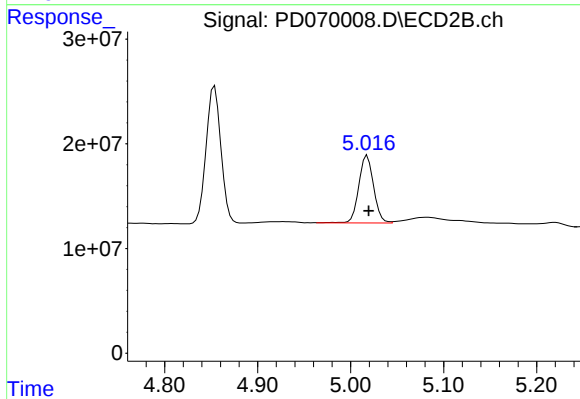
#3 gamma-BHC (Lindane)

R.T.: 4.854 min
Delta R.T.: -0.002 min
Response: 144972058
Conc: 11.75 ng/ml



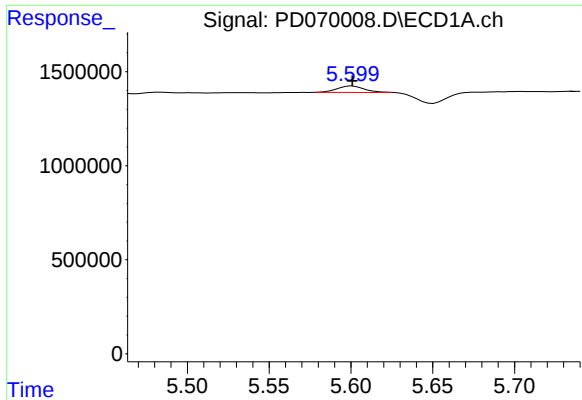
#6 beta-BHC

R.T.: 4.414 min
Delta R.T.: 0.000 min
Response: 7488604
Conc: 10.76 ng/ml



#6 beta-BHC

R.T.: 5.018 min
Delta R.T.: -0.001 min
Response: 71234852
Conc: 13.56 ng/ml



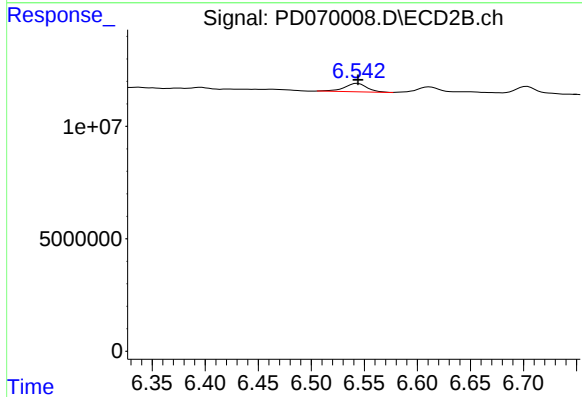
#12 4,4'-DDE

R.T.: 5.599 min
Delta R.T.: -0.001 min
Response: 404354
Conc: 0.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

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#12 4,4'-DDE

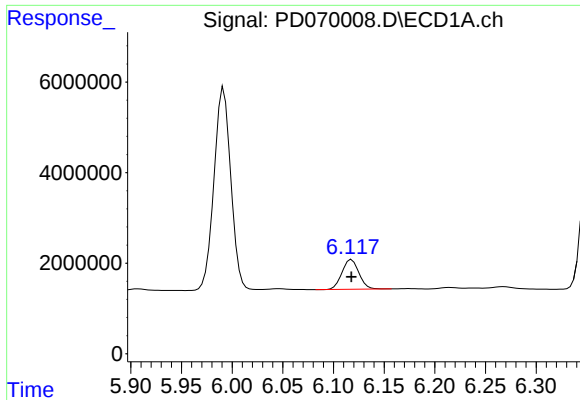
R.T.: 6.542 min
Delta R.T.: -0.002 min
Response: 5654222
Conc: 0.62 ng/ml m

#14 Endrin

R.T.: 5.992 min
Delta R.T.: 0.001 min
Response: 51423945
Conc: 44.54 ng/ml

#14 Endrin

R.T.: 6.923 min
Delta R.T.: 0.000 min
Response: 355623789
Conc: 52.69 ng/ml



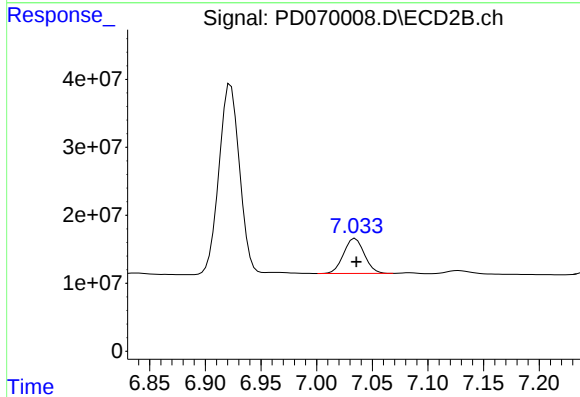
#16 4,4'-DDD

R.T.: 6.118 min
Delta R.T.: 0.000 min
Response: 7605980
Conc: 7.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

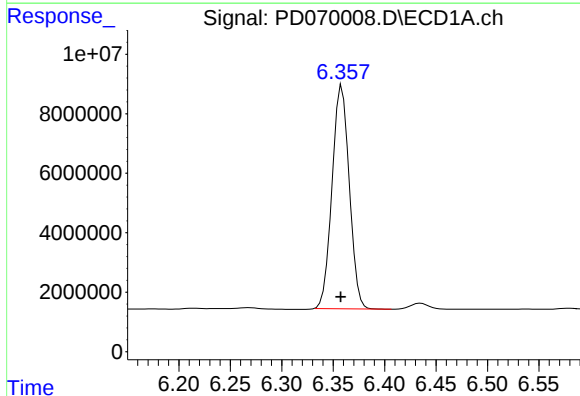
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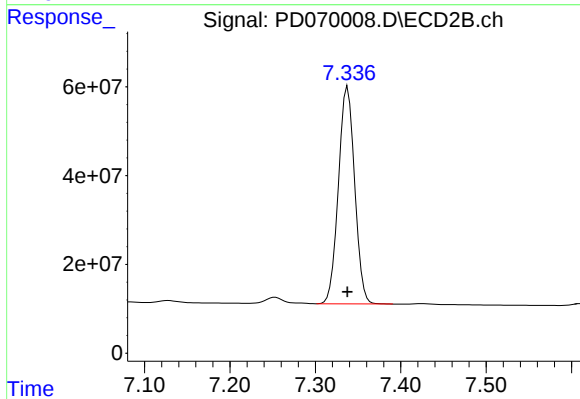
#16 4,4'-DDD

R.T.: 7.035 min
Delta R.T.: 0.000 min
Response: 66692485
Conc: 9.01 ng/ml



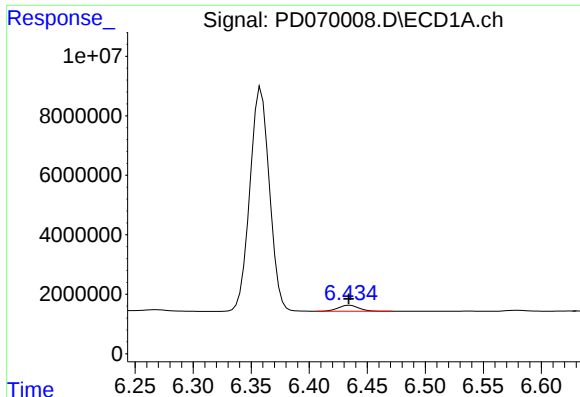
#17 4,4'-DDT

R.T.: 6.359 min
Delta R.T.: 0.001 min
Response: 87531221
Conc: 88.32 ng/ml



#17 4,4'-DDT

R.T.: 7.338 min
Delta R.T.: 0.000 min
Response: 647042090
Conc: 88.42 ng/ml



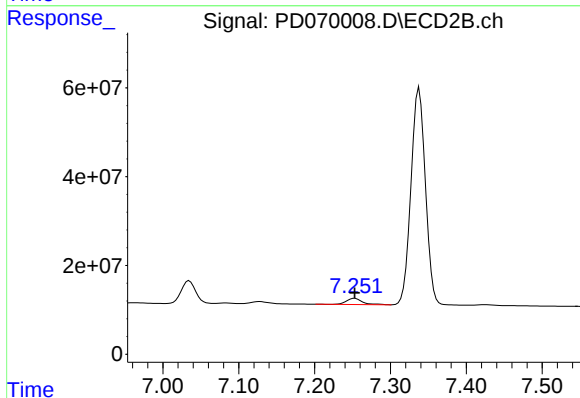
#18 Endrin aldehyde

R.T.: 6.435 min
Delta R.T.: 0.001 min
Response: 2447942
Conc: 2.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

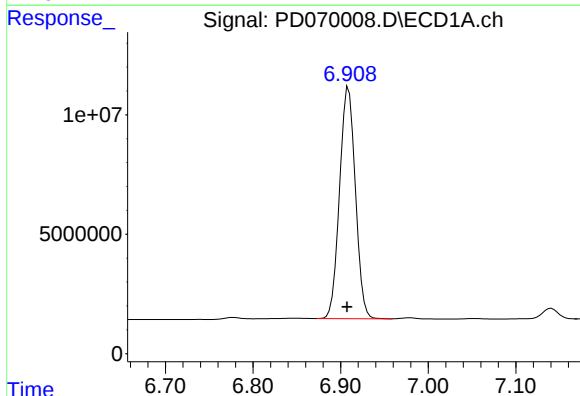
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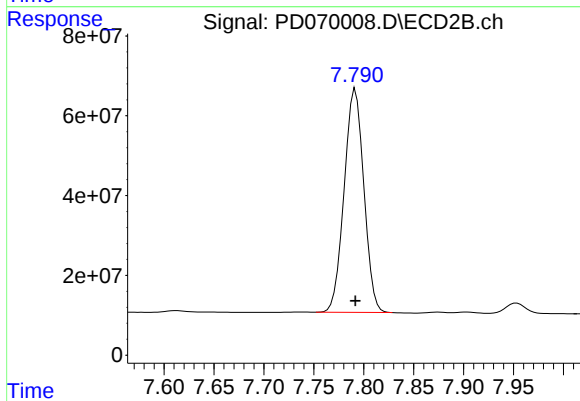
#18 Endrin aldehyde

R.T.: 7.253 min
Delta R.T.: 0.000 min
Response: 20314859
Conc: 3.54 ng/ml



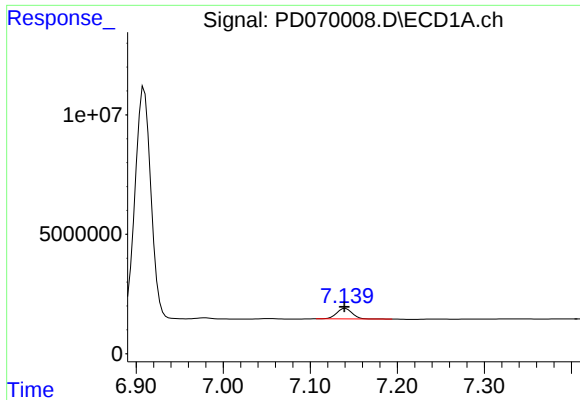
#20 Methoxychlor

R.T.: 6.909 min
Delta R.T.: 0.002 min
Response: 121666152
Conc: 214.46 ng/ml



#20 Methoxychlor

R.T.: 7.792 min
Delta R.T.: 0.000 min
Response: 769383791
Conc: 215.78 ng/ml



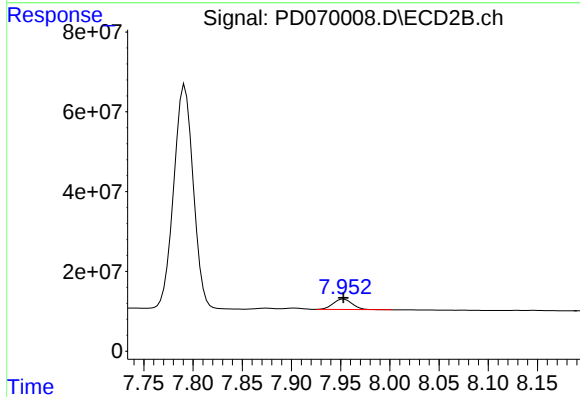
#21 Endrin ketone

R.T.: 7.141 min
Delta R.T.: 0.001 min
Response: 5438349
Conc: 4.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

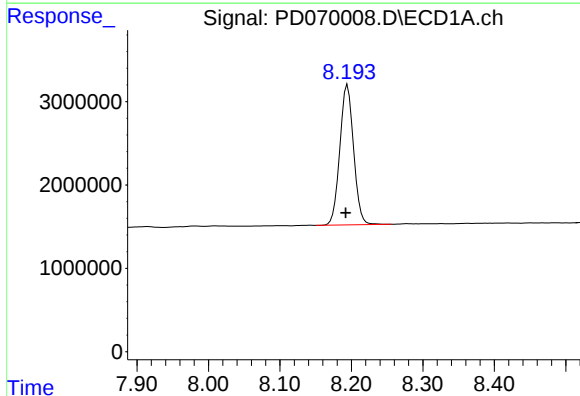
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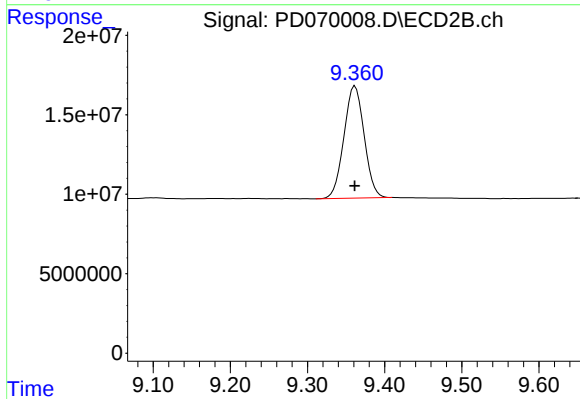
#21 Endrin ketone

R.T.: 7.953 min
Delta R.T.: 0.000 min
Response: 35035570
Conc: 4.40 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.195 min
Delta R.T.: 0.002 min
Response: 22407439
Conc: 20.54 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.362 min
Delta R.T.: 0.000 min
Response: 128405774
Conc: 23.74 ng/ml