

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080922\
 Data File : PD071448.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Aug 2022 09:07
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/10/2022
 Supervised By :Ankita Jodhani 08/10/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 10 00:05:29 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072622.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 26 03:39:07 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...	2.814	3.573	46339148	575.2E6	16.340	20.434 #
28)	SA Decachlor...	8.015	9.102	45188384	194.7E6	16.293	18.802
Target Compounds							
2)	A alpha-BHC	3.324	4.039	34703827	408.5E6	8.276	11.003 #
3)	MA gamma-BHC...	3.658	4.375	32129116	331.8E6	8.032	11.080 #
6)	B beta-BHC	3.956	4.581	15500344	136.9E6	9.073	11.562 #
12)	B 4,4'-DDE	5.307	6.230	346963	1560046	0.101m	0.109m
14)	MA Endrin	5.716	6.624	129.5E6	576.5E6	40.898	46.085
16)	A 4,4'-DDD	5.865	6.755	6414055	27969682	2.250	2.352
17)	MA 4,4'-DDT	6.119	7.067	254.8E6	1096.0E6	86.316	84.032
18)	B Endrin al...	6.193	6.981	4270078	19791216	1.937	2.043
20)	A Methoxychlor	6.699	7.542	334.1E6	1339.5E6	202.541	194.340
21)	B Endrin ke...	6.927	7.705	8896598	33878555	2.731	2.524

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

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Acq On : 09 Aug 2022 09:07
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

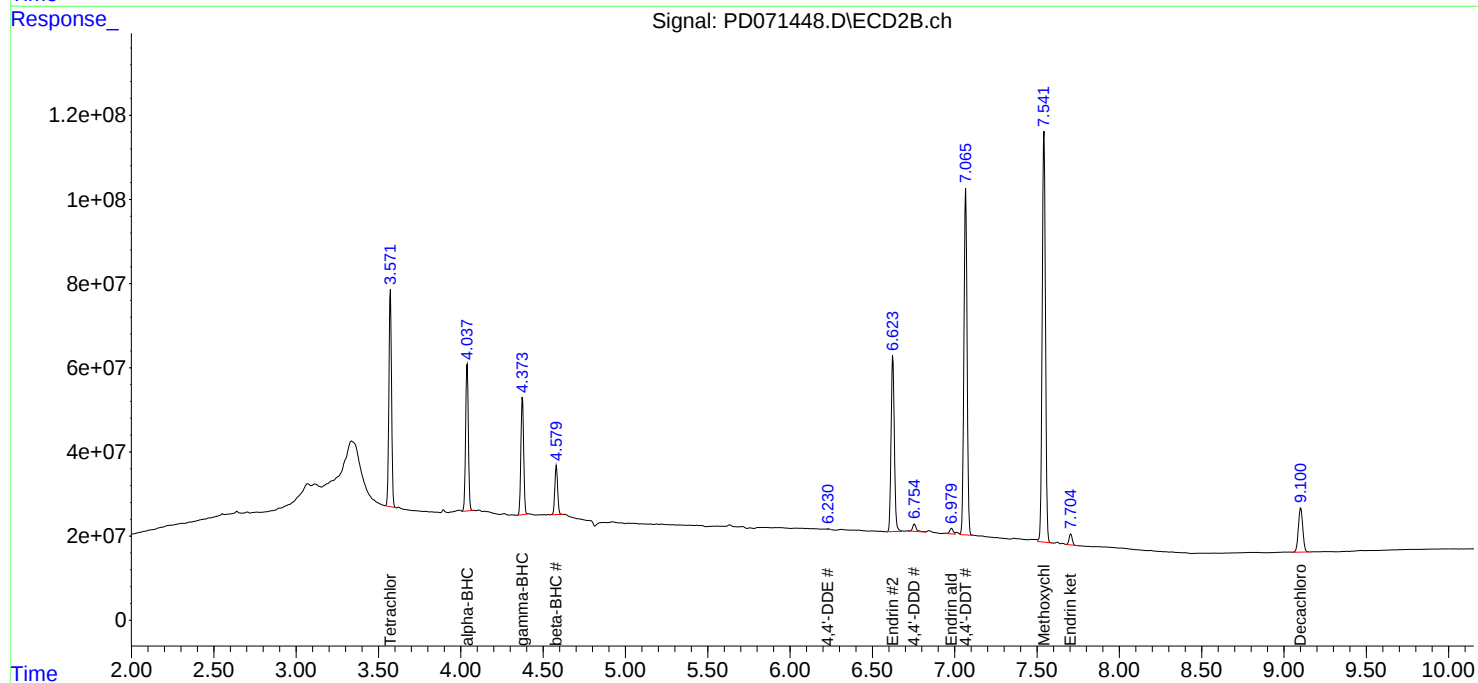
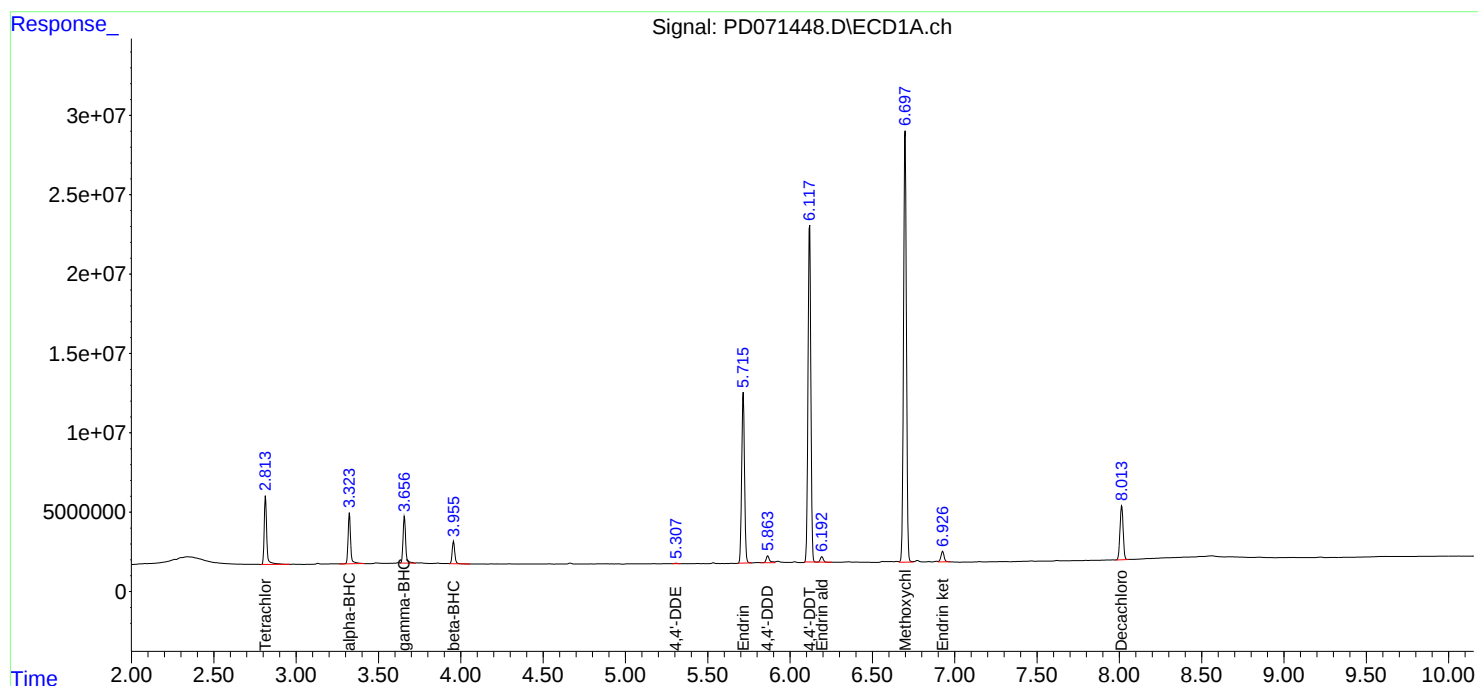
Instrument :
ECD_D
ClientSampleId :
PEM

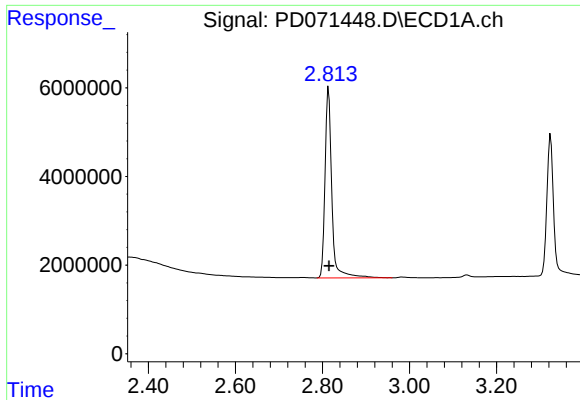
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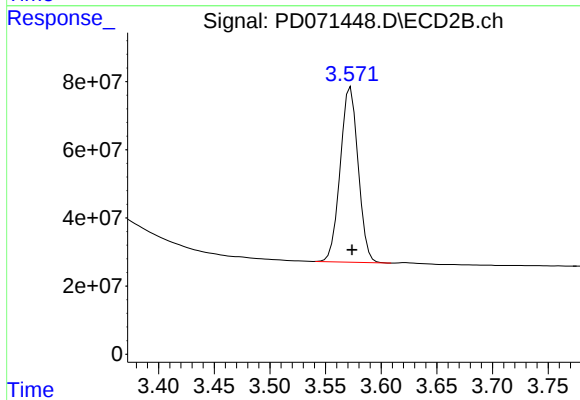
#1 Tetrachloro-m-xylene

R.T.: 2.814 min
Delta R.T.: 0.000 min
Response: 46339148
Conc: 16.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

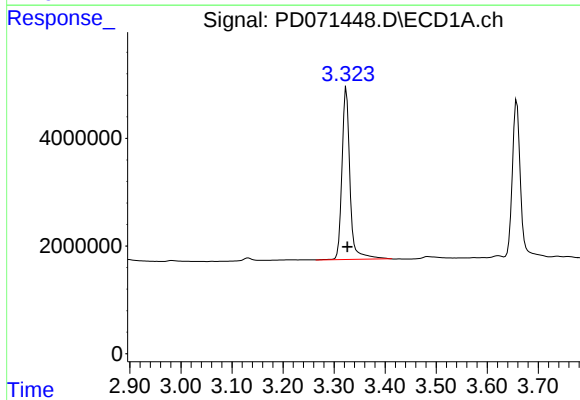
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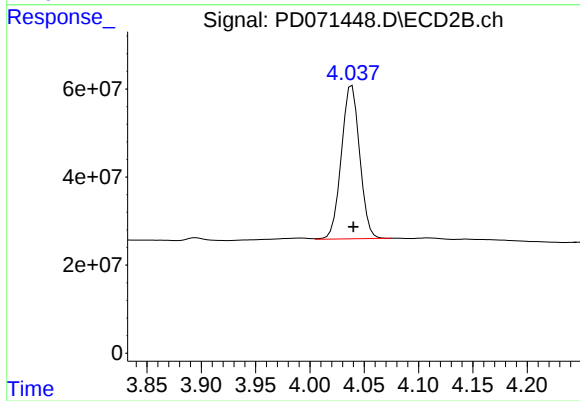
#1 Tetrachloro-m-xylene

R.T.: 3.573 min
Delta R.T.: -0.001 min
Response: 575219712
Conc: 20.43 ng/ml



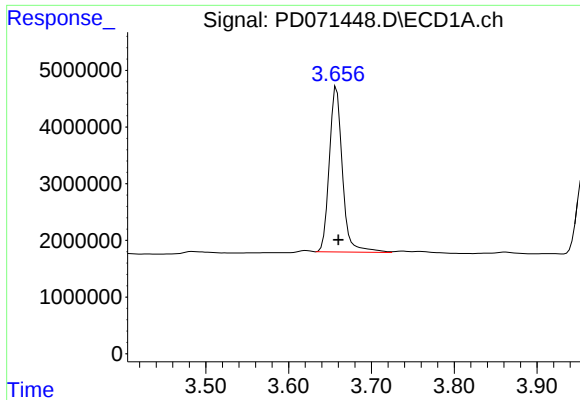
#2 alpha-BHC

R.T.: 3.324 min
Delta R.T.: -0.002 min
Response: 34703827
Conc: 8.28 ng/ml



#2 alpha-BHC

R.T.: 4.039 min
Delta R.T.: -0.001 min
Response: 408463121
Conc: 11.00 ng/ml



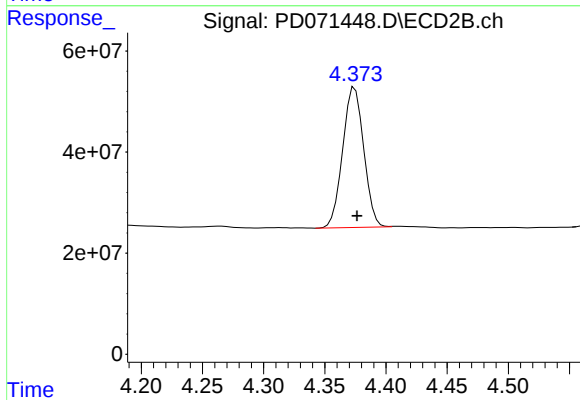
#3 gamma-BHC (Lindane)

R.T.: 3.658 min
Delta R.T.: -0.002 min
Response: 32129116
Conc: 8.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

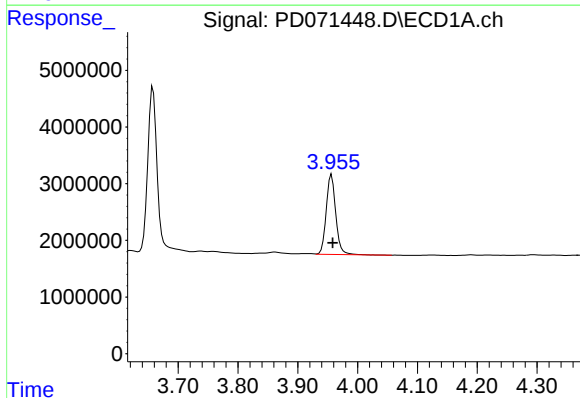
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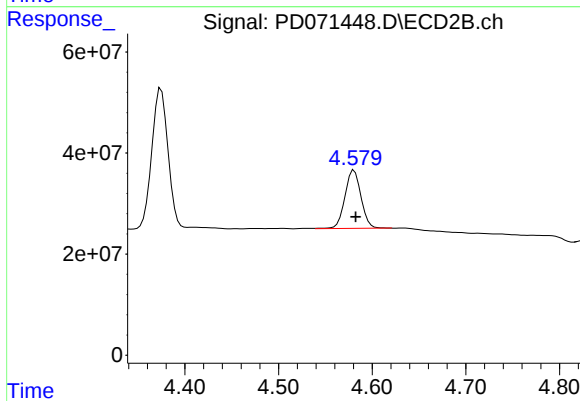
#3 gamma-BHC (Lindane)

R.T.: 4.375 min
Delta R.T.: -0.002 min
Response: 331777444
Conc: 11.08 ng/ml



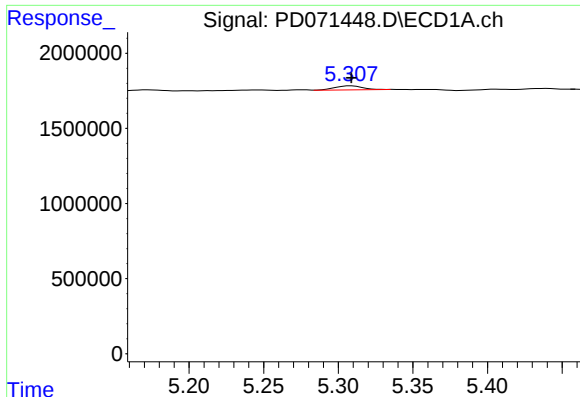
#6 beta-BHC

R.T.: 3.956 min
Delta R.T.: -0.002 min
Response: 15500344
Conc: 9.07 ng/ml



#6 beta-BHC

R.T.: 4.581 min
Delta R.T.: -0.002 min
Response: 136948584
Conc: 11.56 ng/ml



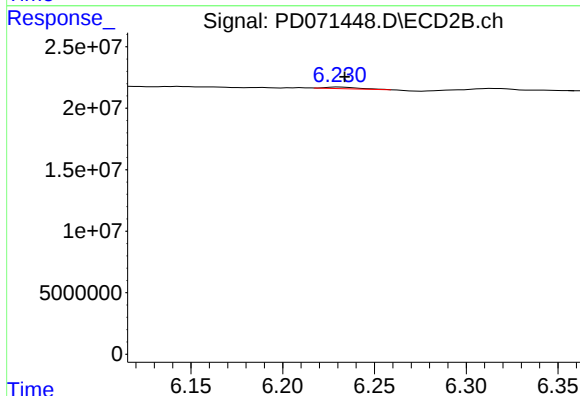
#12 4,4'-DDE

R.T.: 5.307 min
Delta R.T.: -0.002 min
Response: 346963
Conc: 0.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

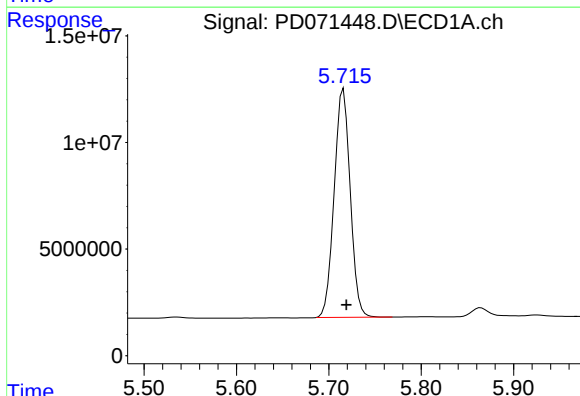
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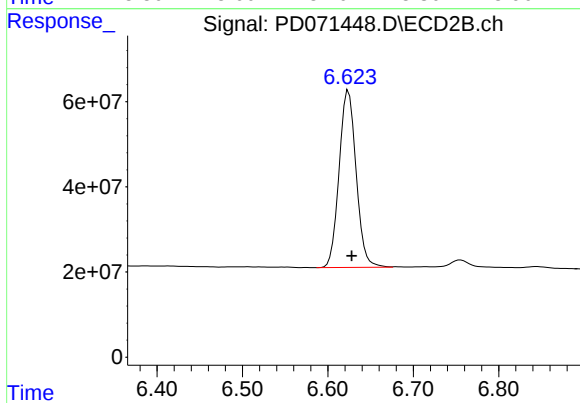
#12 4,4'-DDE

R.T.: 6.230 min
Delta R.T.: -0.004 min
Response: 1560046
Conc: 0.11 ng/ml m



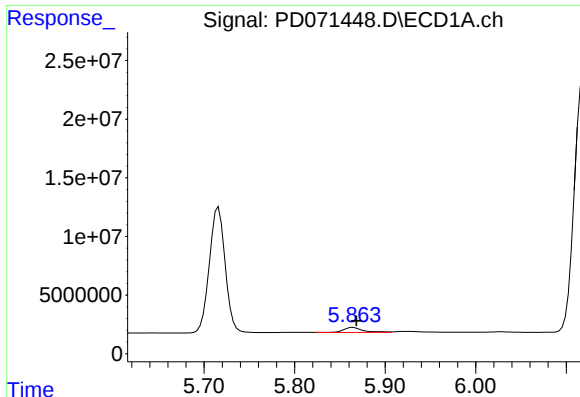
#14 Endrin

R.T.: 5.716 min
Delta R.T.: -0.003 min
Response: 129490322
Conc: 40.90 ng/ml



#14 Endrin

R.T.: 6.624 min
Delta R.T.: -0.003 min
Response: 576456852
Conc: 46.08 ng/ml



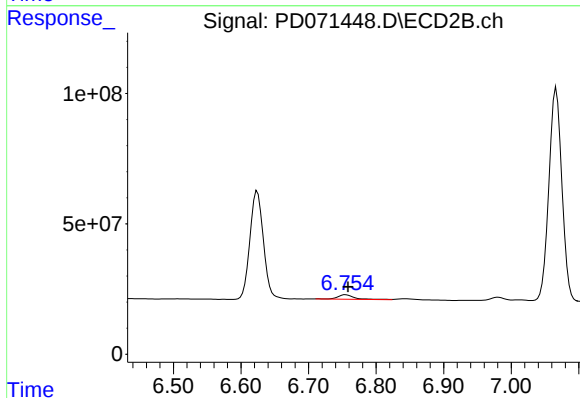
#16 4,4'-DDD

R.T.: 5.865 min
Delta R.T.: -0.003 min
Response: 6414055
Conc: 2.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

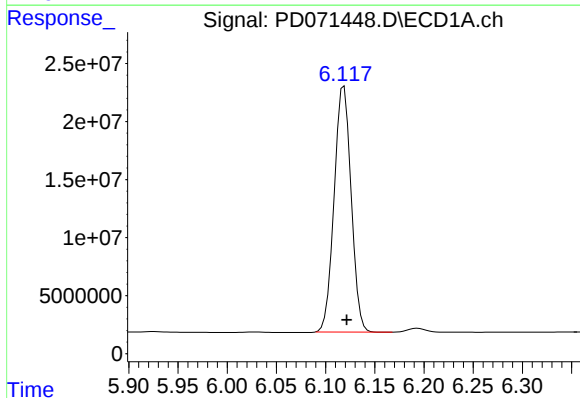
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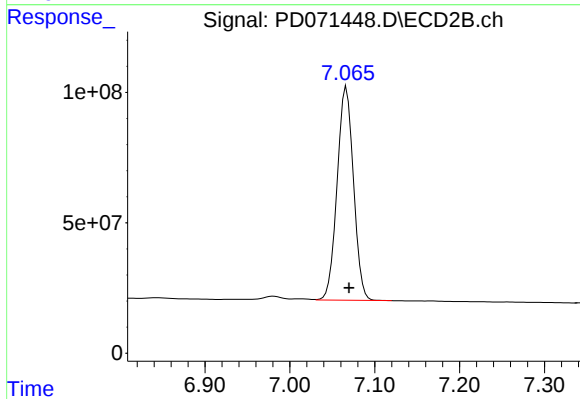
#16 4,4'-DDD

R.T.: 6.755 min
Delta R.T.: -0.003 min
Response: 27969682
Conc: 2.35 ng/ml



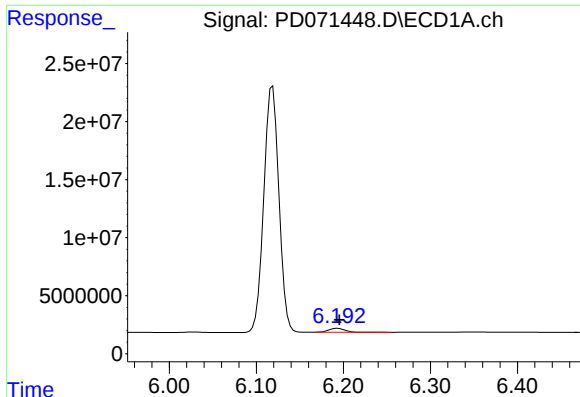
#17 4,4'-DDT

R.T.: 6.119 min
Delta R.T.: -0.003 min
Response: 254784206
Conc: 86.32 ng/ml



#17 4,4'-DDT

R.T.: 7.067 min
Delta R.T.: -0.003 min
Response: 1096027855
Conc: 84.03 ng/ml



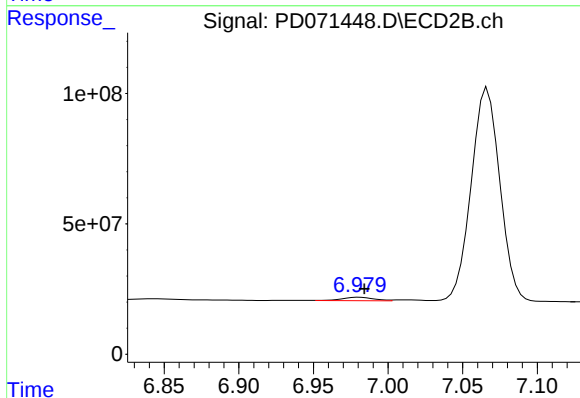
#18 Endrin aldehyde

R.T.: 6.193 min
Delta R.T.: -0.002 min
Response: 4270078
Conc: 1.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

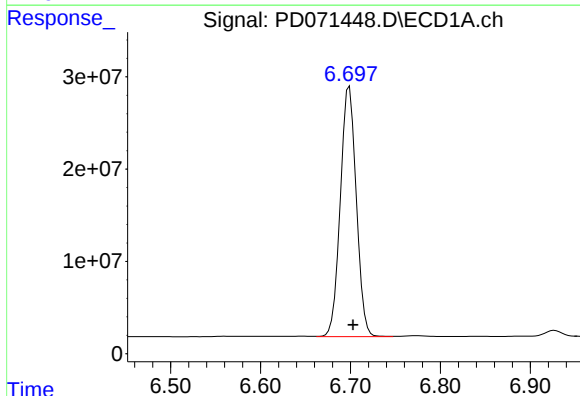
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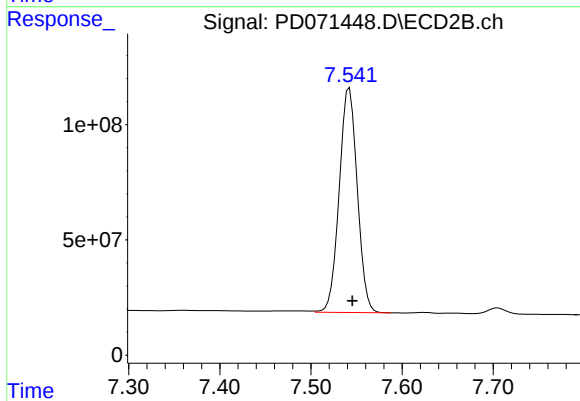
#18 Endrin aldehyde

R.T.: 6.981 min
Delta R.T.: -0.003 min
Response: 19791216
Conc: 2.04 ng/ml



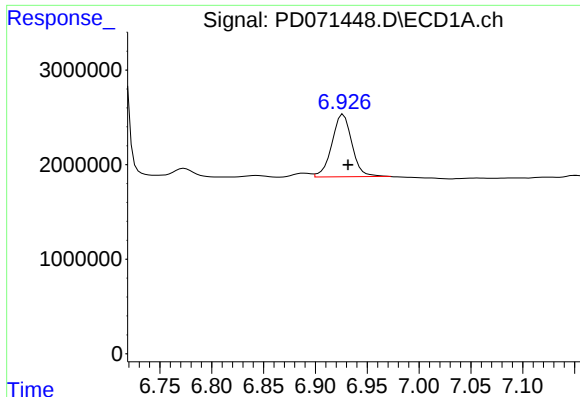
#20 Methoxychlor

R.T.: 6.699 min
Delta R.T.: -0.004 min
Response: 334093933
Conc: 202.54 ng/ml



#20 Methoxychlor

R.T.: 7.542 min
Delta R.T.: -0.003 min
Response: 1339531706
Conc: 194.34 ng/ml



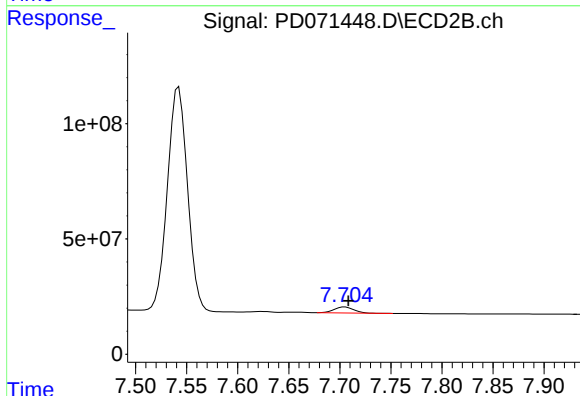
#21 Endrin ketone

R.T.: 6.927 min
Delta R.T.: -0.004 min
Response: 8896598
Conc: 2.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

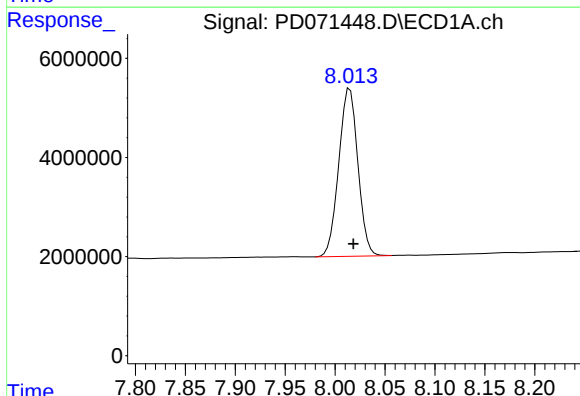
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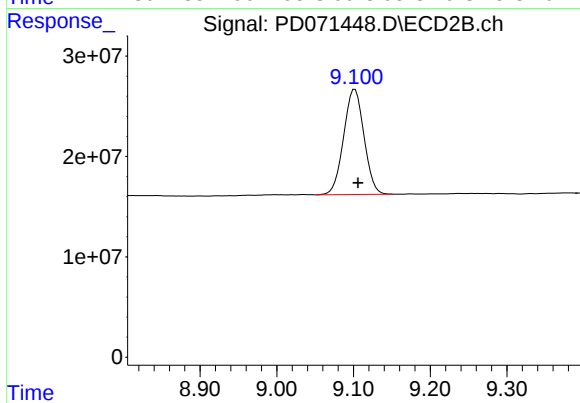
#21 Endrin ketone

R.T.: 7.705 min
Delta R.T.: -0.003 min
Response: 33878555
Conc: 2.52 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.015 min
Delta R.T.: -0.004 min
Response: 45188384
Conc: 16.29 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.102 min
Delta R.T.: -0.004 min
Response: 194653283
Conc: 18.80 ng/ml