

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100322\
 Data File : PD072162.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Oct 2022 17:34
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/04/2022
 Supervised By : Ankita Jodhani 10/05/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 04 04:54:30 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD100322.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 04 04:48:15 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 x 0.2 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...	2.803	3.562	47051091	626.3E6	19.467	19.870
28)	SA Decachlor...	7.988	9.085	46855875	179.9E6	19.711	20.372
Target Compounds							
2)	A alpha-BHC	3.311	4.028	34522592	450.0E6	9.173	10.220
3)	MA gamma-BHC...	3.644	4.363	31414712	381.0E6	9.212	10.691
6)	B beta-BHC	3.943	4.571	15869327	156.0E6	9.399	11.037
12)	B 4,4'-DDE	5.288	6.220	651014	4225004	0.233	0.287m
14)	MA Endrin	5.697	6.612	115.1E6	527.2E6	44.883	41.944
16)	A 4,4'-DDD	5.846	6.745	2843611	18059825	1.214	1.554 #
17)	MA 4,4'-DDT	6.099	7.054	234.3E6	1018.9E6	100.906	88.502
18)	B Endrin al...	6.173	6.969	5374121	21104959	2.708	2.259
20)	A Methoxychlor	6.677	7.531	314.1E6	1201.2E6	235.177	214.224
21)	B Endrin ke...	6.904	7.693	9562303	37991226	3.283	3.103

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

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Sample : PEM
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ALS Vial : 3 Sample Multiplier: 1

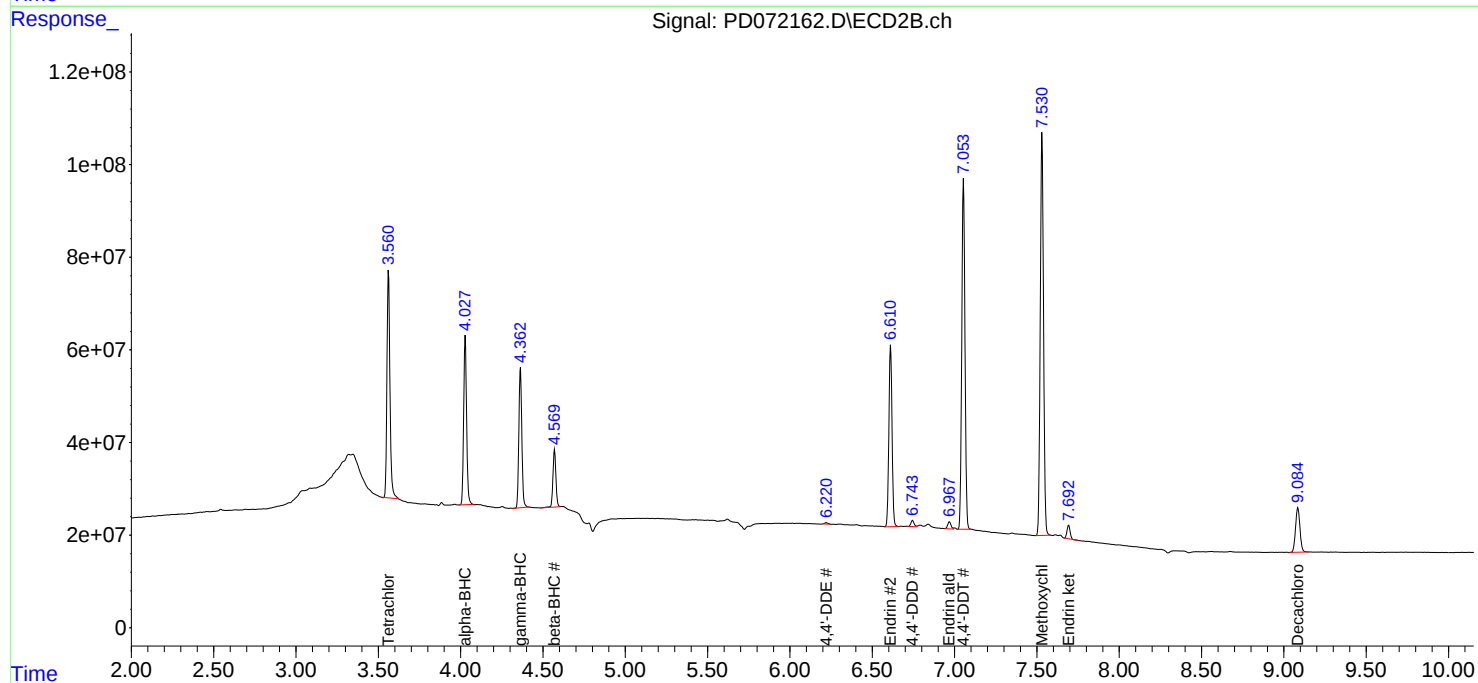
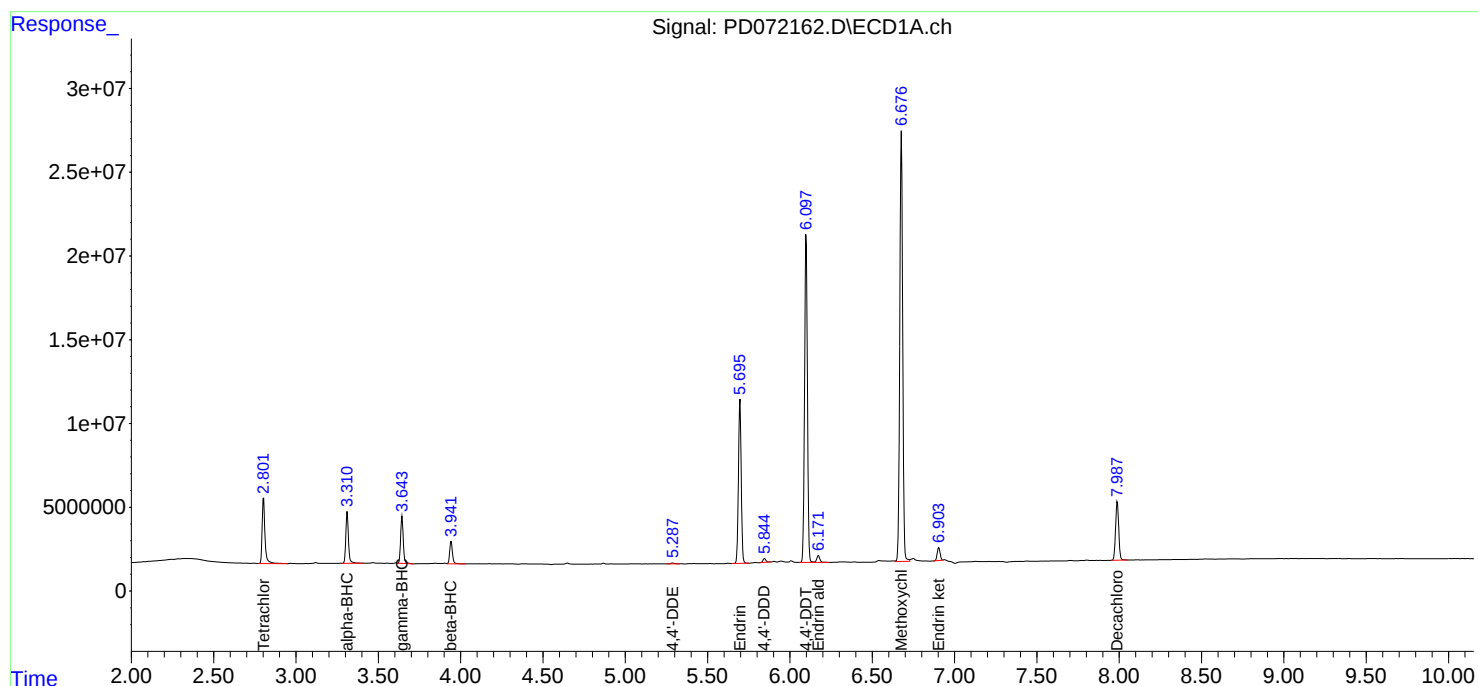
Instrument :
ECD_D
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PEM

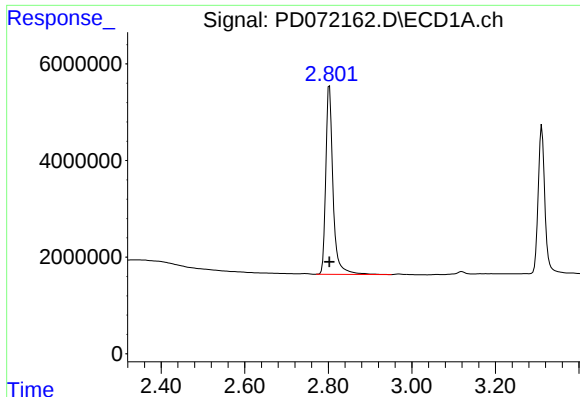
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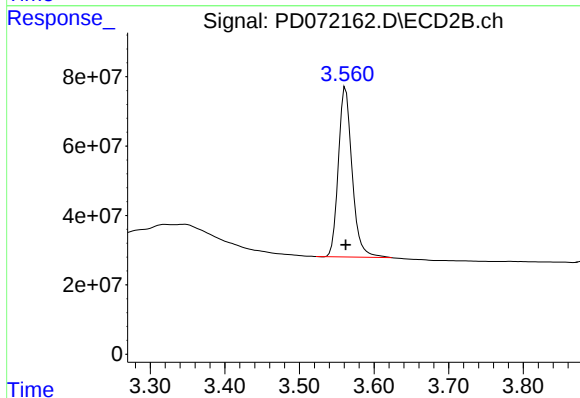
#1 Tetrachloro-m-xylene

R.T.: 2.803 min
Delta R.T.: 0.000 min
Response: 47051091
Conc: 19.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

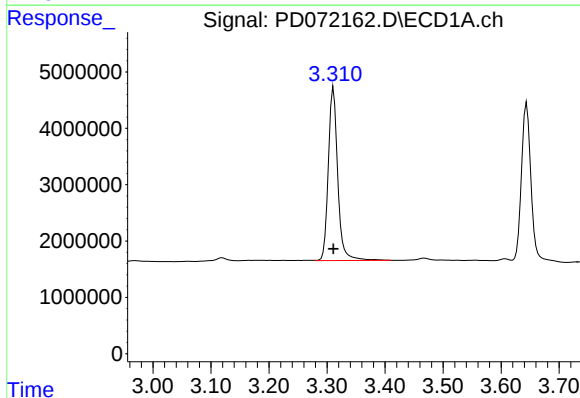
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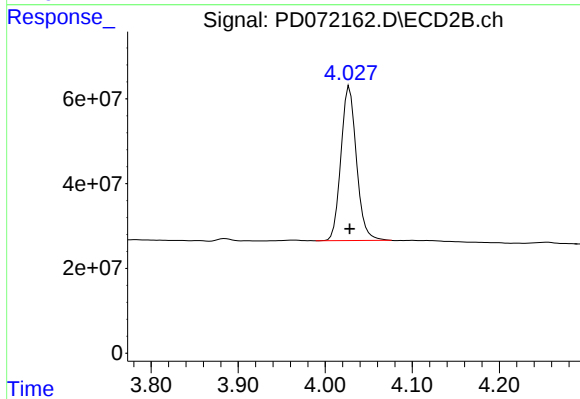
#1 Tetrachloro-m-xylene

R.T.: 3.562 min
Delta R.T.: 0.000 min
Response: 626308214
Conc: 19.87 ng/ml



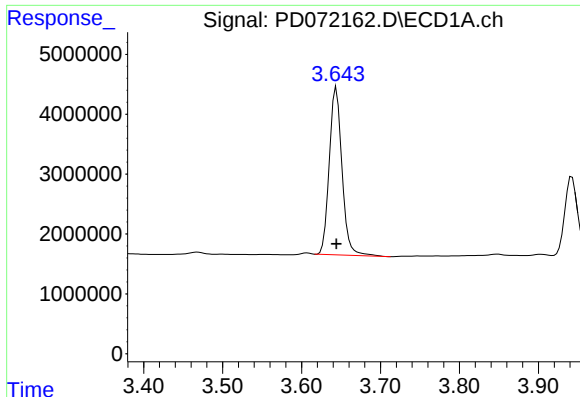
#2 alpha-BHC

R.T.: 3.311 min
Delta R.T.: 0.000 min
Response: 34522592
Conc: 9.17 ng/ml



#2 alpha-BHC

R.T.: 4.028 min
Delta R.T.: 0.000 min
Response: 449993126
Conc: 10.22 ng/ml



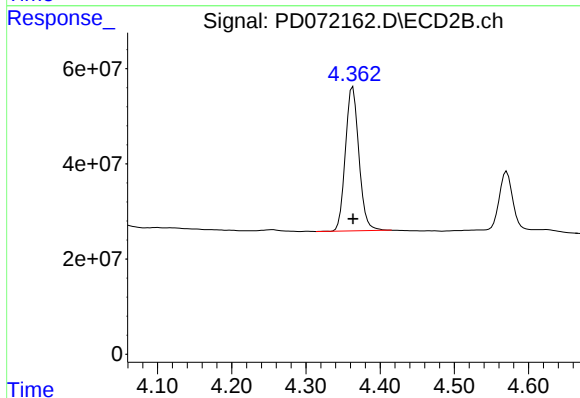
#3 gamma-BHC (Lindane)

R.T.: 3.644 min
Delta R.T.: 0.000 min
Response: 31414712
Conc: 9.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

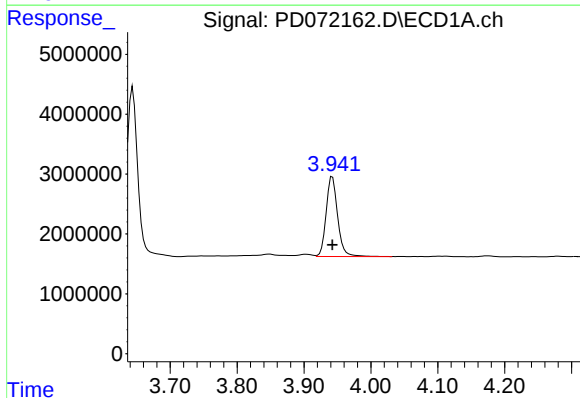
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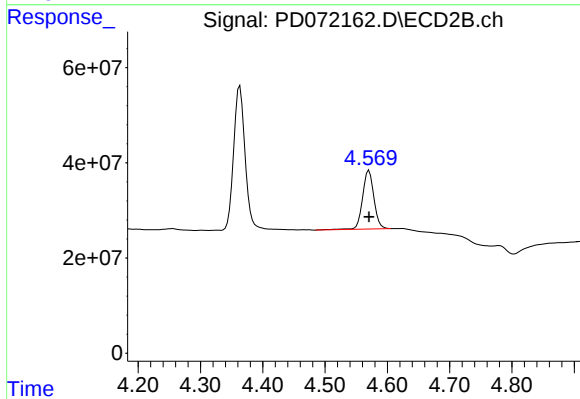
#3 gamma-BHC (Lindane)

R.T.: 4.363 min
Delta R.T.: 0.000 min
Response: 381033043
Conc: 10.69 ng/ml



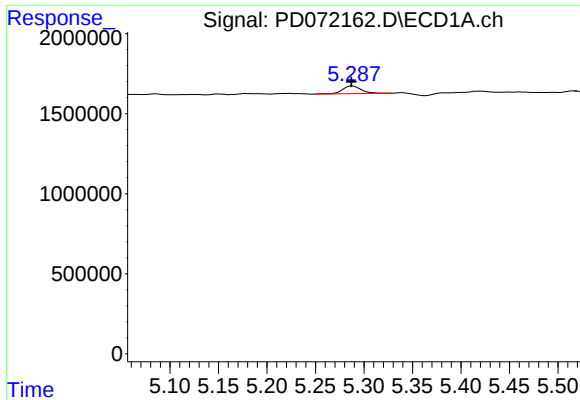
#6 beta-BHC

R.T.: 3.943 min
Delta R.T.: 0.000 min
Response: 15869327
Conc: 9.40 ng/ml



#6 beta-BHC

R.T.: 4.571 min
Delta R.T.: 0.000 min
Response: 156019461
Conc: 11.04 ng/ml



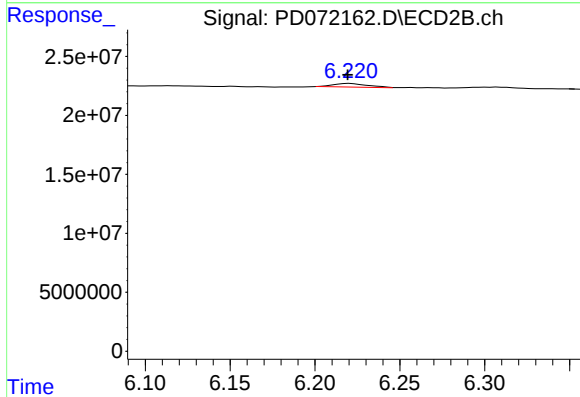
#12 4,4'-DDE

R.T.: 5.288 min
Delta R.T.: 0.001 min
Response: 651014
Conc: 0.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

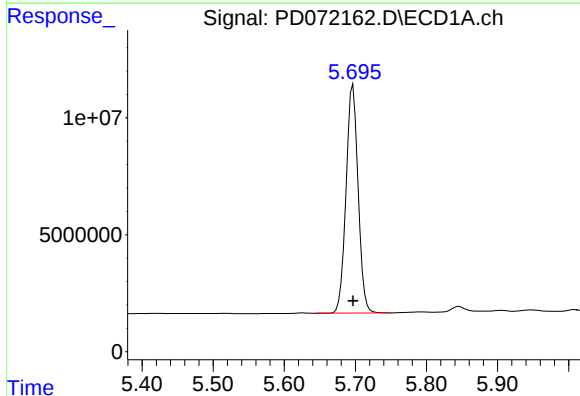
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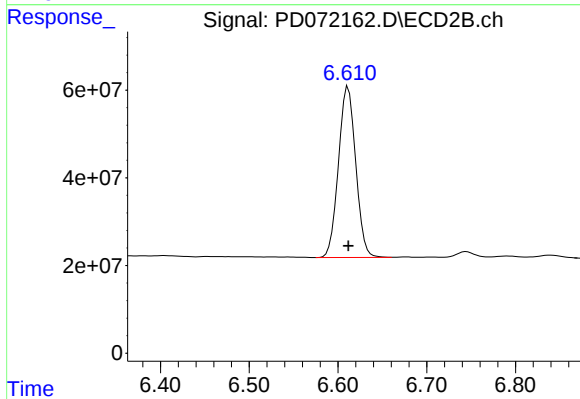
#12 4,4'-DDE

R.T.: 6.220 min
Delta R.T.: 0.000 min
Response: 4225004
Conc: 0.29 ng/ml m



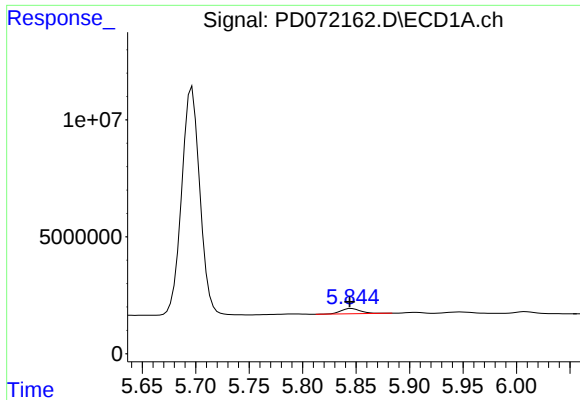
#14 Endrin

R.T.: 5.697 min
Delta R.T.: 0.000 min
Response: 115065642
Conc: 44.88 ng/ml



#14 Endrin

R.T.: 6.612 min
Delta R.T.: 0.000 min
Response: 527173310
Conc: 41.94 ng/ml



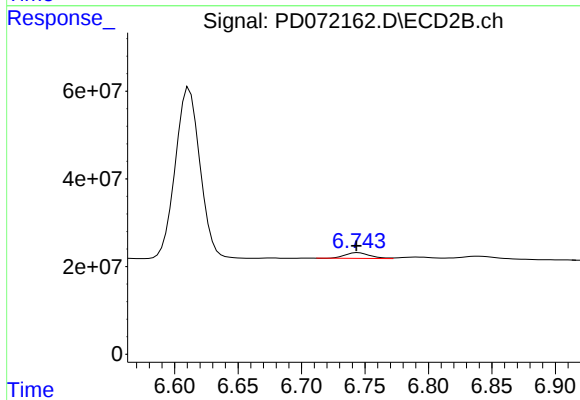
#16 4,4'-DDD

R.T.: 5.846 min
Delta R.T.: 0.002 min
Response: 2843611
Conc: 1.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

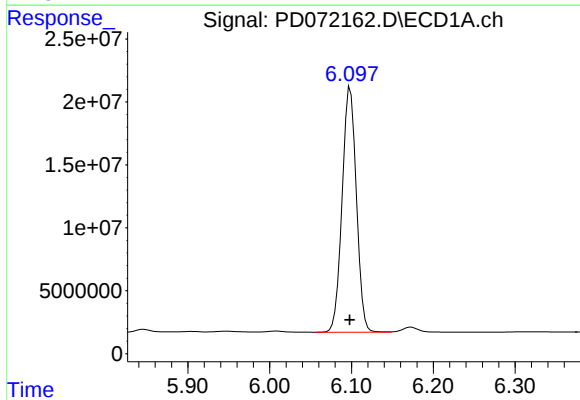
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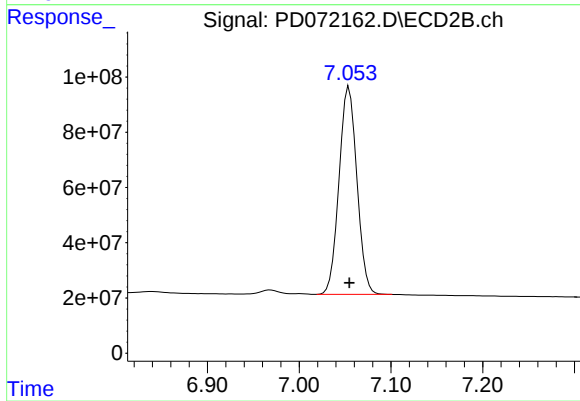
#16 4,4'-DDD

R.T.: 6.745 min
Delta R.T.: 0.001 min
Response: 18059825
Conc: 1.55 ng/ml



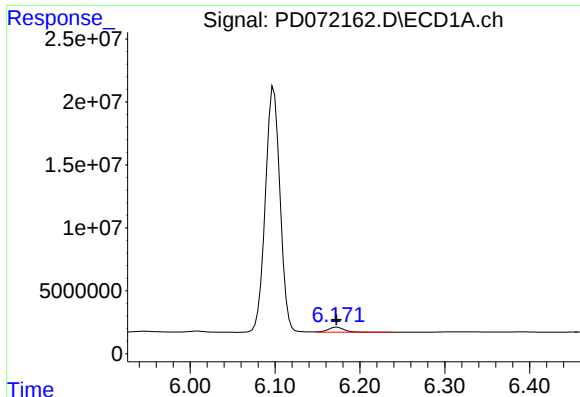
#17 4,4'-DDT

R.T.: 6.099 min
Delta R.T.: 0.000 min
Response: 234341094
Conc: 100.91 ng/ml



#17 4,4'-DDT

R.T.: 7.054 min
Delta R.T.: 0.000 min
Response: 1018940240
Conc: 88.50 ng/ml



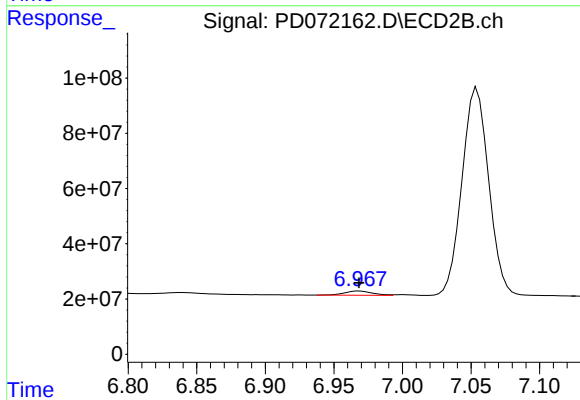
#18 Endrin aldehyde

R.T.: 6.173 min
Delta R.T.: 0.000 min
Response: 5374121
Conc: 2.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

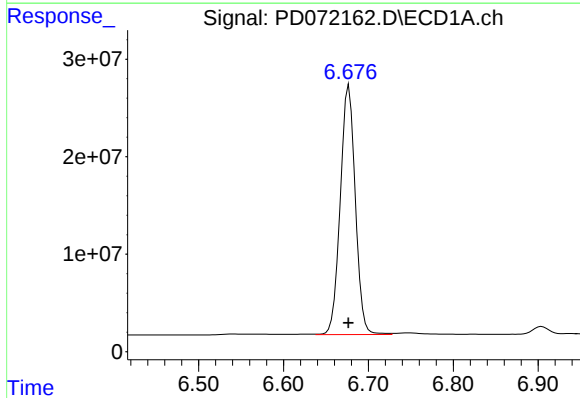
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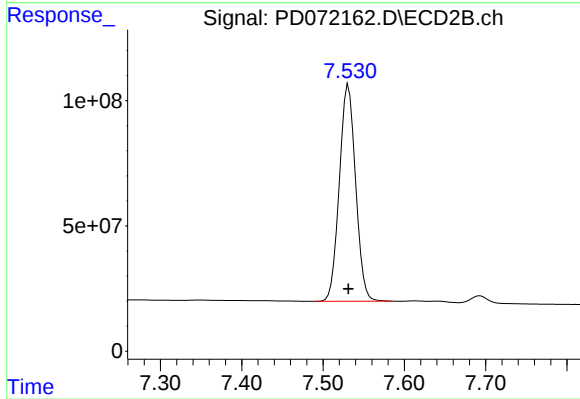
#18 Endrin aldehyde

R.T.: 6.969 min
Delta R.T.: 0.000 min
Response: 21104959
Conc: 2.26 ng/ml



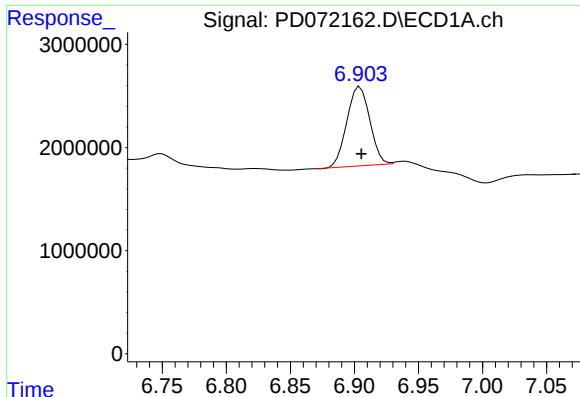
#20 Methoxychlor

R.T.: 6.677 min
Delta R.T.: 0.000 min
Response: 314112973
Conc: 235.18 ng/ml



#20 Methoxychlor

R.T.: 7.531 min
Delta R.T.: 0.000 min
Response: 1201188149
Conc: 214.22 ng/ml



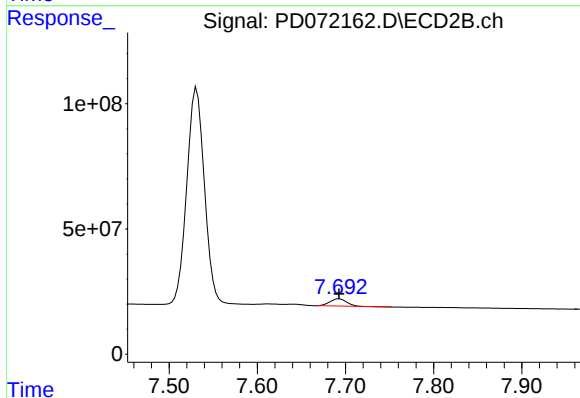
#21 Endrin ketone

R.T.: 6.904 min
Delta R.T.: -0.001 min
Response: 9562303
Conc: 3.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

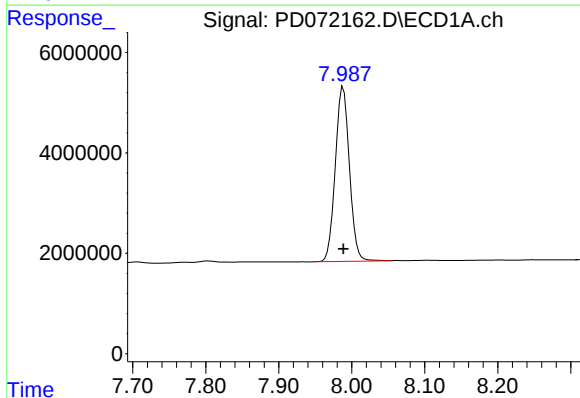
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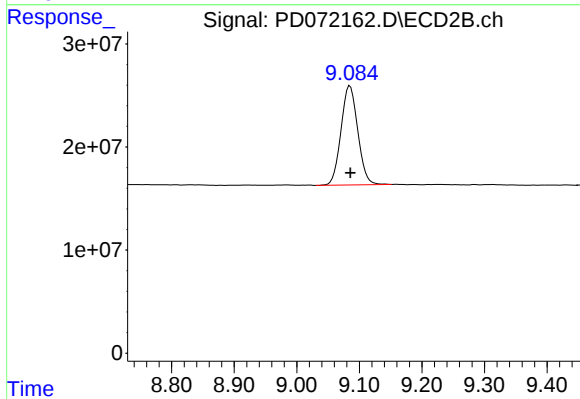
#21 Endrin ketone

R.T.: 7.693 min
Delta R.T.: 0.000 min
Response: 37991226
Conc: 3.10 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.988 min
Delta R.T.: 0.000 min
Response: 46855875
Conc: 19.71 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.085 min
Delta R.T.: 0.000 min
Response: 179851359
Conc: 20.37 ng/ml