

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091322\
 Data File : PD071852.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Sep 2022 04:35
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/14/2022
 Supervised By : Ankita Jodhani 09/14/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 13 05:46:14 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091022.M
 Quant Title : GC Extractables
 QLast Update : Sat Sep 10 22:11:50 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...	2.804	3.562	54180019	702.0E6	22.157	24.462
28)	SA Decachlor...	7.994	9.088	49658970	212.8E6	19.712	22.887
Target Compounds							
2)	A alpha-BHC	3.312	4.028	40366642	524.3E6	10.475	13.065
3)	MA gamma-BHC...	3.646	4.364	37566197	435.7E6	10.699	13.269
6)	B beta-BHC	3.943	4.571	17735059	175.7E6	11.706m	13.295
12)	B 4,4'-DDE	5.290	6.220	382049	2291479	0.125m	0.156m
14)	MA Endrin	5.700	6.613	144.9E6	614.0E6	48.909	48.612
16)	A 4,4'-DDD	5.848	6.745	5981545	35946945	2.359	3.024 #
17)	MA 4,4'-DDT	6.101	7.056	289.2E6	1191.9E6	109.862	96.477
18)	B Endrin al...	6.176	6.970	6559363	26099951	2.966	2.703
20)	A Methoxychlor	6.681	7.532	360.4E6	1394.0E6	240.724	229.302
21)	B Endrin ke...	6.908	7.694	10128085	45971393	3.375	3.696

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

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Acq On : 13 Sep 2022 04:35
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

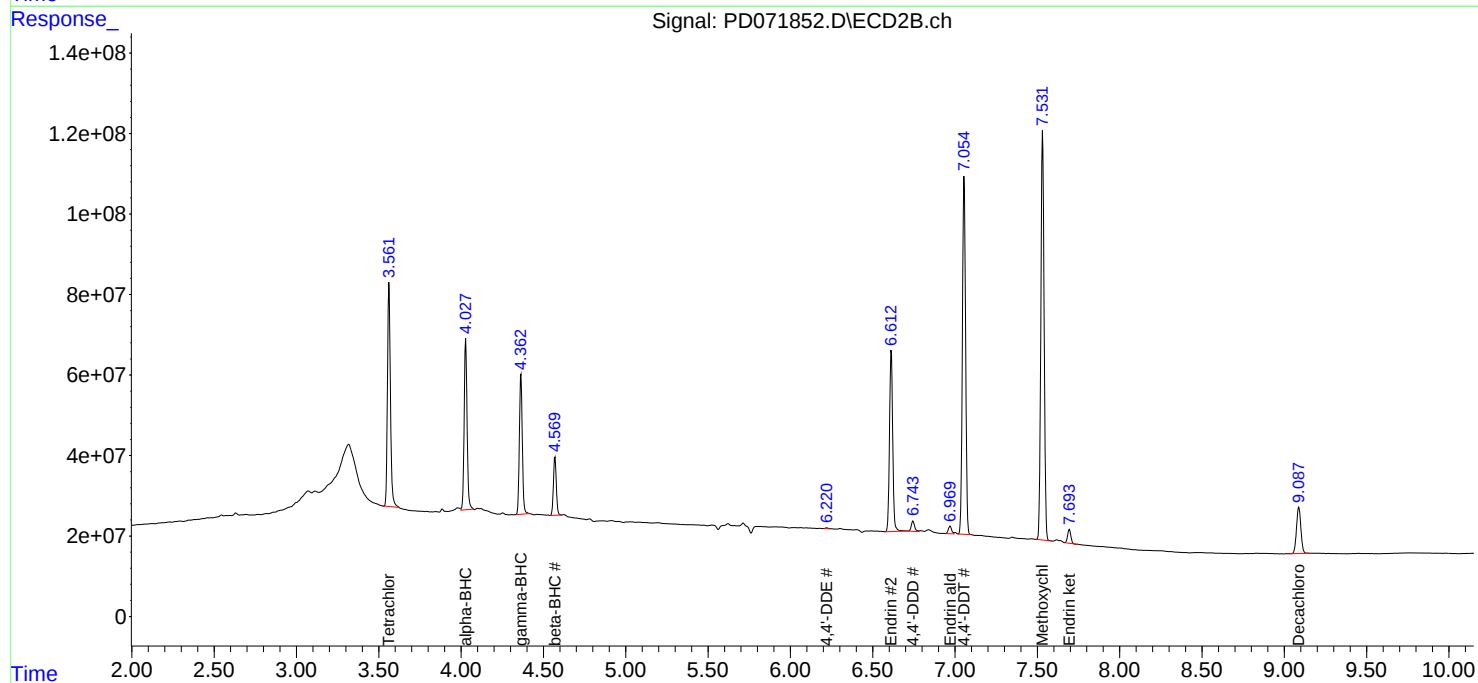
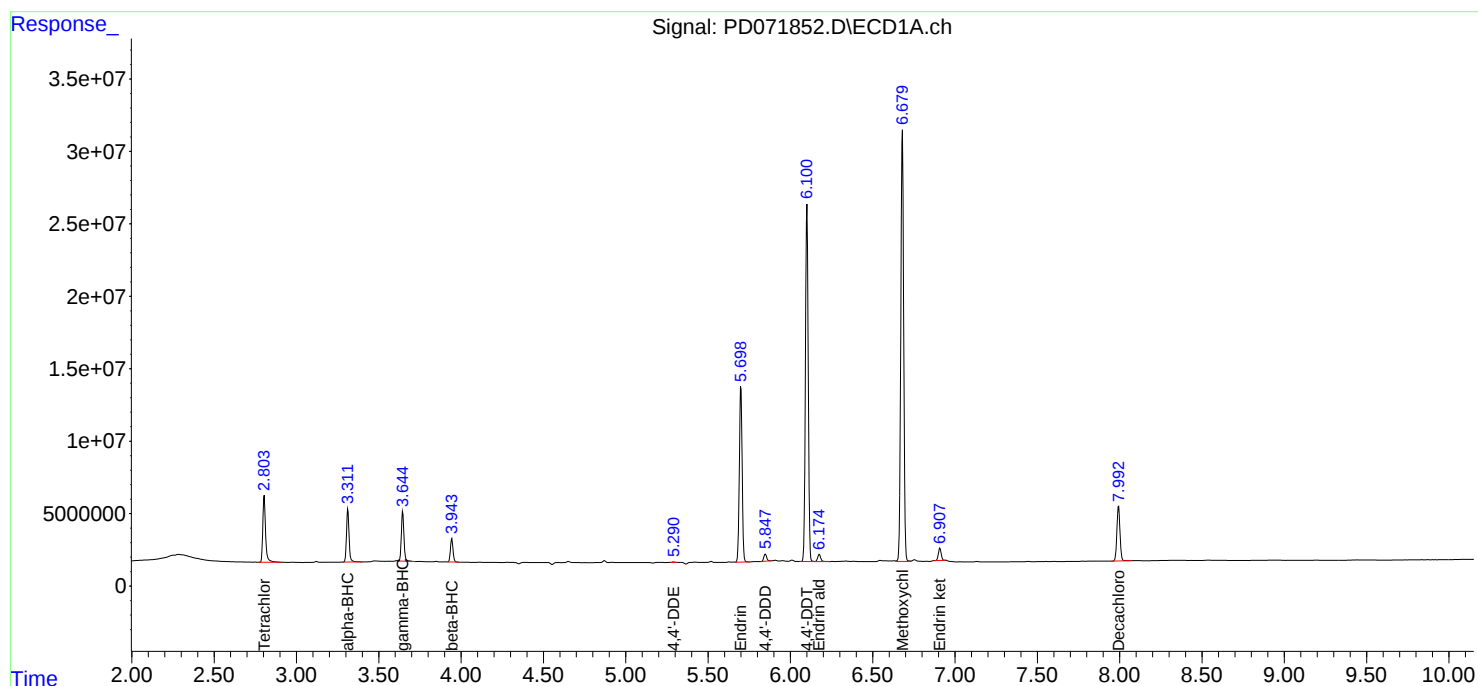
Instrument :
ECD_D
ClientSampleId :
PEM

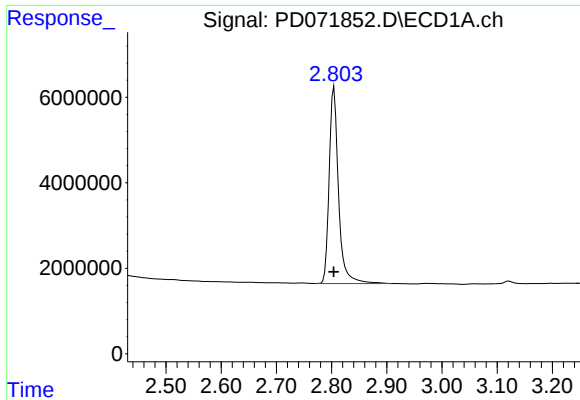
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Integration File signal 1: autoint1.e
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Quant Title : GC Extractables
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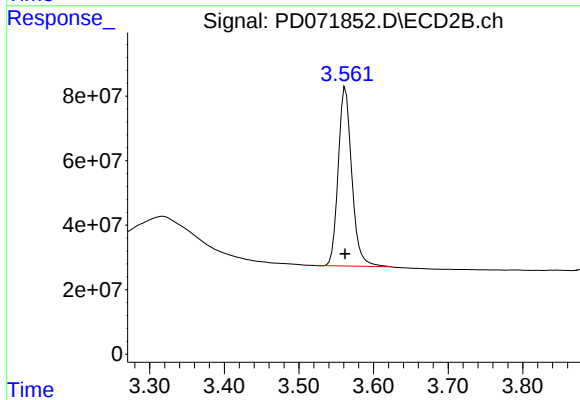
#1 Tetrachloro-m-xylene

R.T.: 2.804 min
Delta R.T.: 0.000 min
Response: 54180019
Conc: 22.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

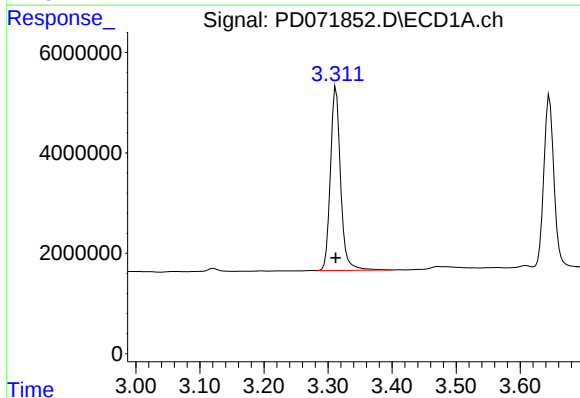
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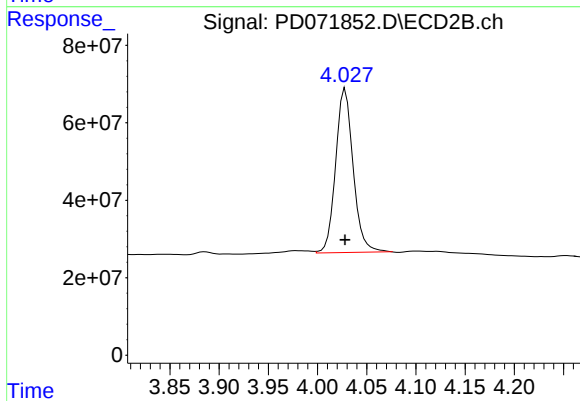
#1 Tetrachloro-m-xylene

R.T.: 3.562 min
Delta R.T.: 0.000 min
Response: 701963916
Conc: 24.46 ng/ml



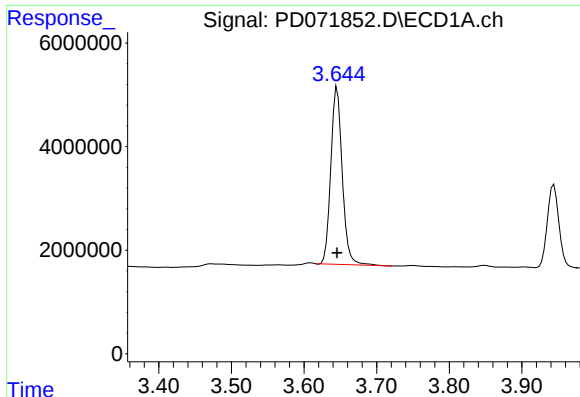
#2 alpha-BHC

R.T.: 3.312 min
Delta R.T.: 0.000 min
Response: 40366642
Conc: 10.47 ng/ml



#2 alpha-BHC

R.T.: 4.028 min
Delta R.T.: 0.000 min
Response: 524274422
Conc: 13.06 ng/ml



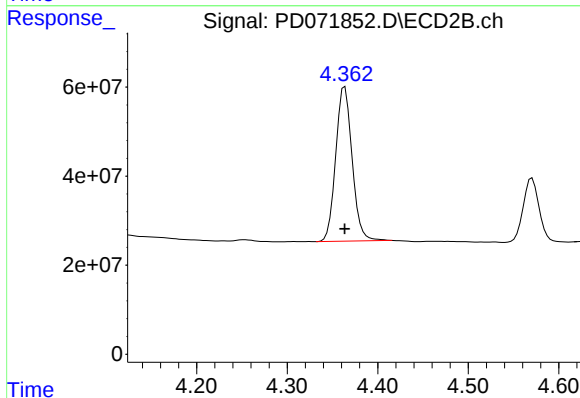
#3 gamma-BHC (Lindane)

R.T.: 3.646 min
Delta R.T.: 0.000 min
Response: 37566197
Conc: 10.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

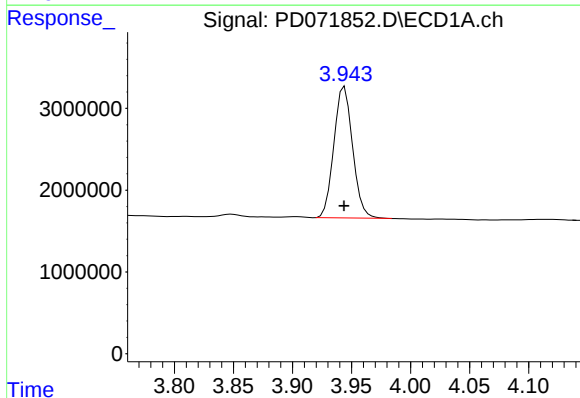
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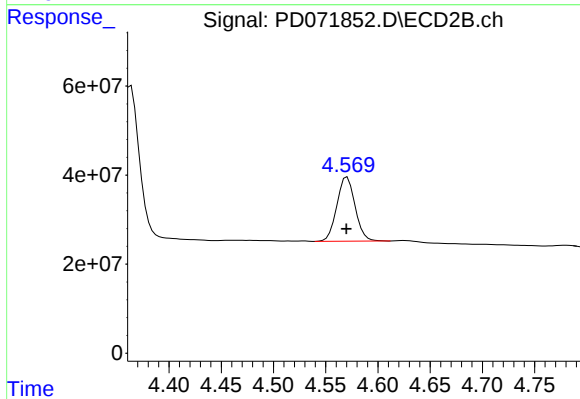
#3 gamma-BHC (Lindane)

R.T.: 4.364 min
Delta R.T.: 0.000 min
Response: 435669769
Conc: 13.27 ng/ml



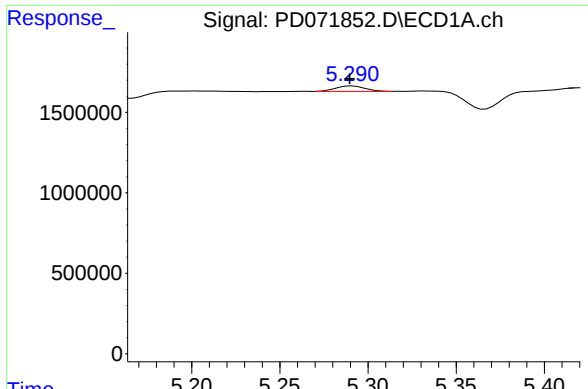
#6 beta-BHC

R.T.: 3.943 min
Delta R.T.: 0.000 min
Response: 17735059
Conc: 11.71 ng/ml m



#6 beta-BHC

R.T.: 4.571 min
Delta R.T.: 0.000 min
Response: 175718994
Conc: 13.30 ng/ml



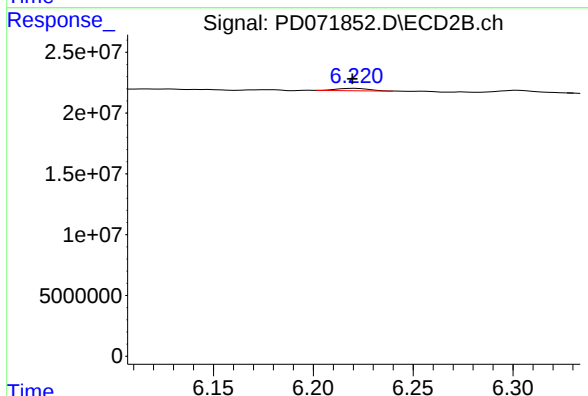
#12 4,4'-DDE

R.T.: 5.290 min
Delta R.T.: 0.000 min
Response: 382049
Conc: 0.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

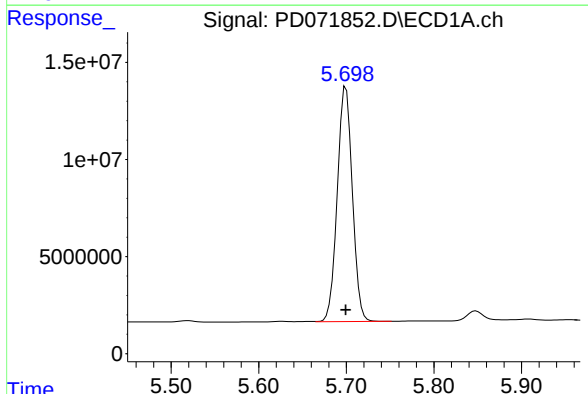
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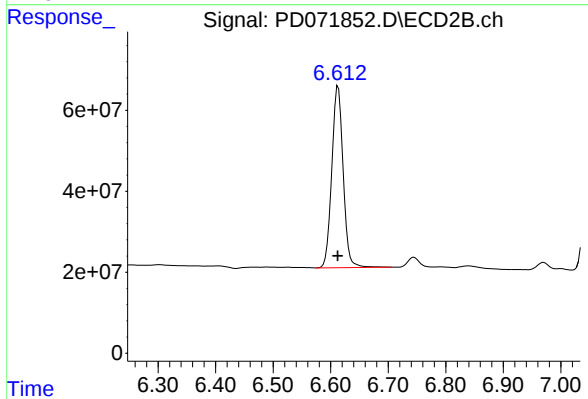
#12 4,4'-DDE

R.T.: 6.220 min
Delta R.T.: 0.000 min
Response: 2291479
Conc: 0.16 ng/ml m



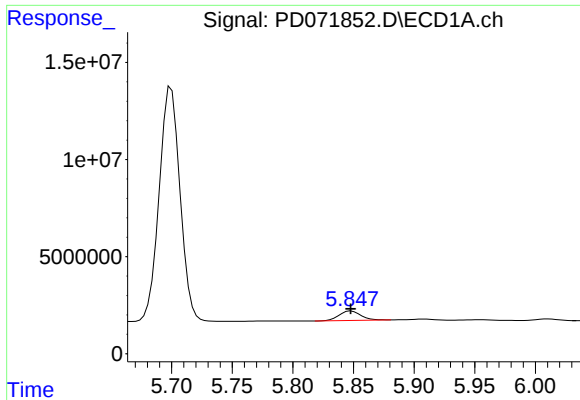
#14 Endrin

R.T.: 5.700 min
Delta R.T.: 0.000 min
Response: 144908407
Conc: 48.91 ng/ml



#14 Endrin

R.T.: 6.613 min
Delta R.T.: 0.000 min
Response: 613996728
Conc: 48.61 ng/ml



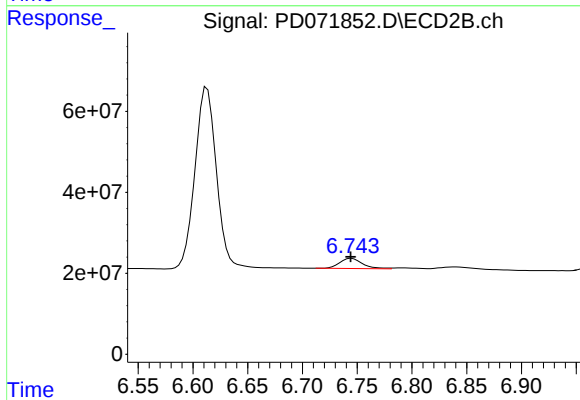
#16 4,4'-DDD

R.T.: 5.848 min
Delta R.T.: 0.000 min
Response: 5981545
Conc: 2.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

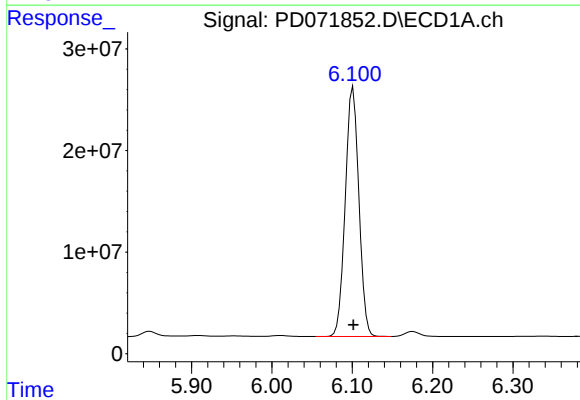
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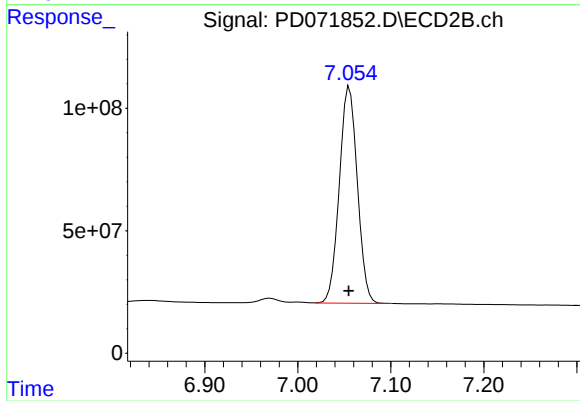
#16 4,4'-DDD

R.T.: 6.745 min
Delta R.T.: 0.000 min
Response: 35946945
Conc: 3.02 ng/ml



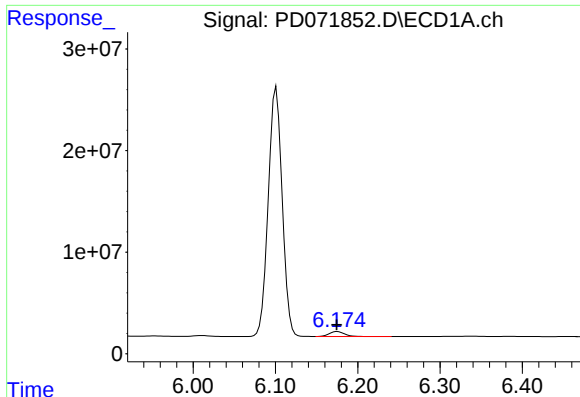
#17 4,4'-DDT

R.T.: 6.101 min
Delta R.T.: 0.000 min
Response: 289157477
Conc: 109.86 ng/ml



#17 4,4'-DDT

R.T.: 7.056 min
Delta R.T.: 0.000 min
Response: 1191858331
Conc: 96.48 ng/ml



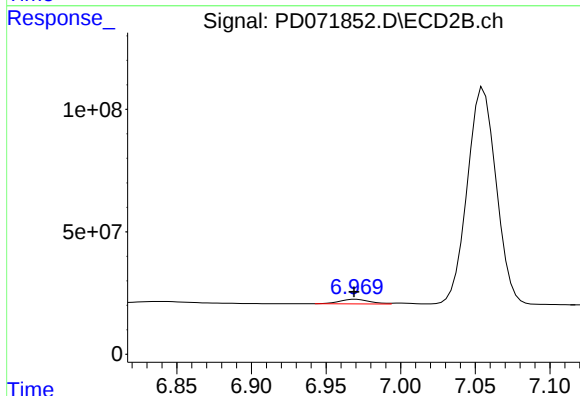
#18 Endrin aldehyde

R.T.: 6.176 min
Delta R.T.: 0.001 min
Response: 6559363
Conc: 2.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

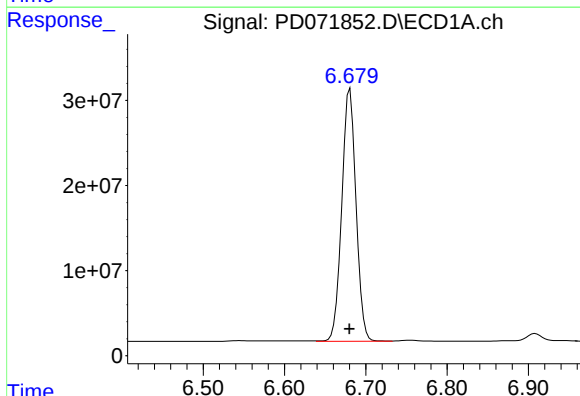
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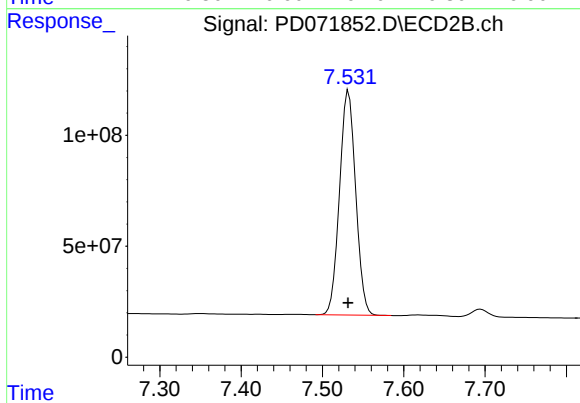
#18 Endrin aldehyde

R.T.: 6.970 min
Delta R.T.: 0.001 min
Response: 26099951
Conc: 2.70 ng/ml



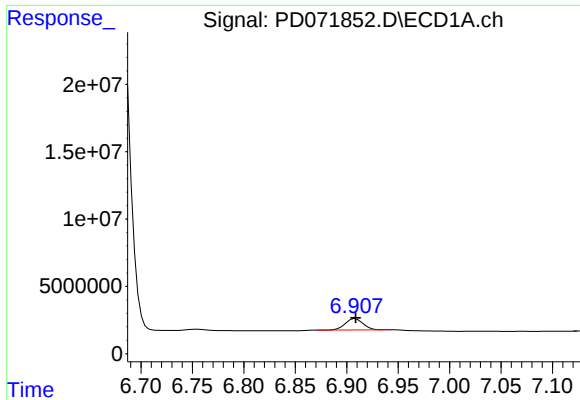
#20 Methoxychlor

R.T.: 6.681 min
Delta R.T.: 0.000 min
Response: 360447848
Conc: 240.72 ng/ml



#20 Methoxychlor

R.T.: 7.532 min
Delta R.T.: 0.000 min
Response: 1393955848
Conc: 229.30 ng/ml



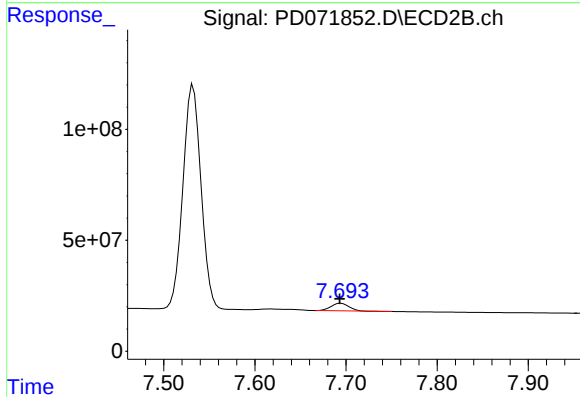
#21 Endrin ketone

R.T.: 6.908 min
Delta R.T.: 0.000 min
Response: 10128085
Conc: 3.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

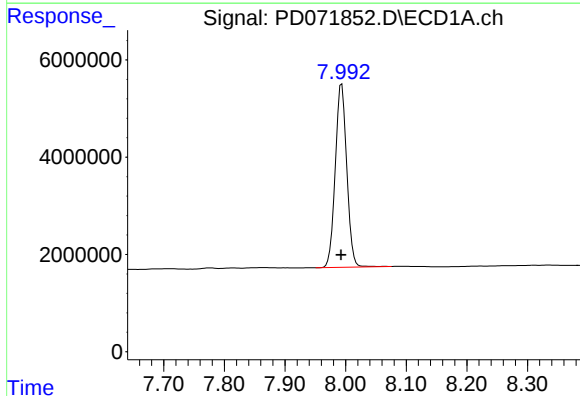
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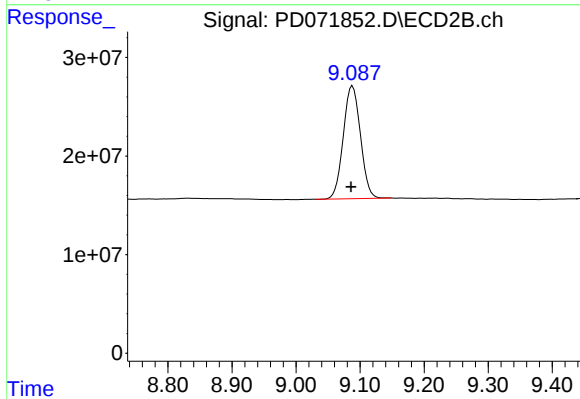
#21 Endrin ketone

R.T.: 7.694 min
Delta R.T.: 0.002 min
Response: 45971393
Conc: 3.70 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.994 min
Delta R.T.: 0.001 min
Response: 49658970
Conc: 19.71 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.088 min
Delta R.T.: 0.002 min
Response: 212779510
Conc: 22.89 ng/ml