

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120524\
 Data File : PD087026.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Dec 2024 11:33
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/06/2024
 Supervised By :Ankita Jodhani 12/06/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 06 00:58:00 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD112724.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 27 15:47:26 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.563	2.885	39716289	249.8E6	19.860	21.820
28)	SA Decachlor...	9.102	8.092	61413357	293.8E6	19.306	21.085
Target Compounds							
2)	A alpha-BHC	4.014	3.399	37551376	201.7E6	9.332	11.446
3)	MA gamma-BHC...	4.345	3.736	37093865	186.9E6	9.300	11.127
6)	B beta-BHC	4.529	4.032	16915845	85435594	10.725	11.929
12)	B 4,4'-DDE	6.217	5.387	403385	961125	0.124m	0.064m#
14)	MA Endrin	6.592	5.801	138.0E6	642.6E6	45.591m	45.934
16)	A 4,4'-DDD	6.722	5.943	5656594	28053594	2.176m	2.232
17)	MA 4,4'-DDT	7.040	6.197	271.6E6	1244.0E6	96.155	93.298
18)	B Endrin al...	6.933	6.272	3823476	23103014	1.564	2.082 #
20)	A Methoxychlor	7.512	6.770	354.2E6	1372.9E6	221.446m	191.393
21)	B Endrin ke...	7.650	7.005	7679396	52351787	2.366	3.474 #

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

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Acq On : 05 Dec 2024 11:33
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

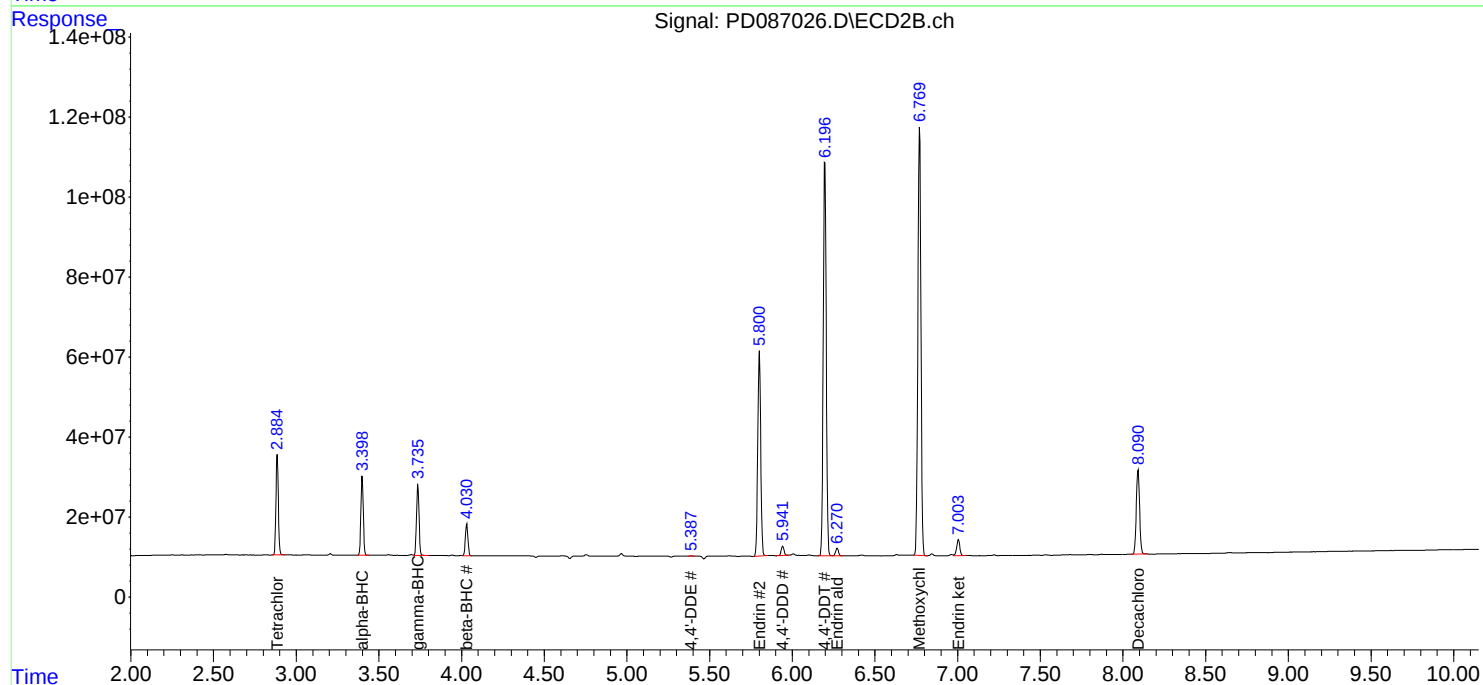
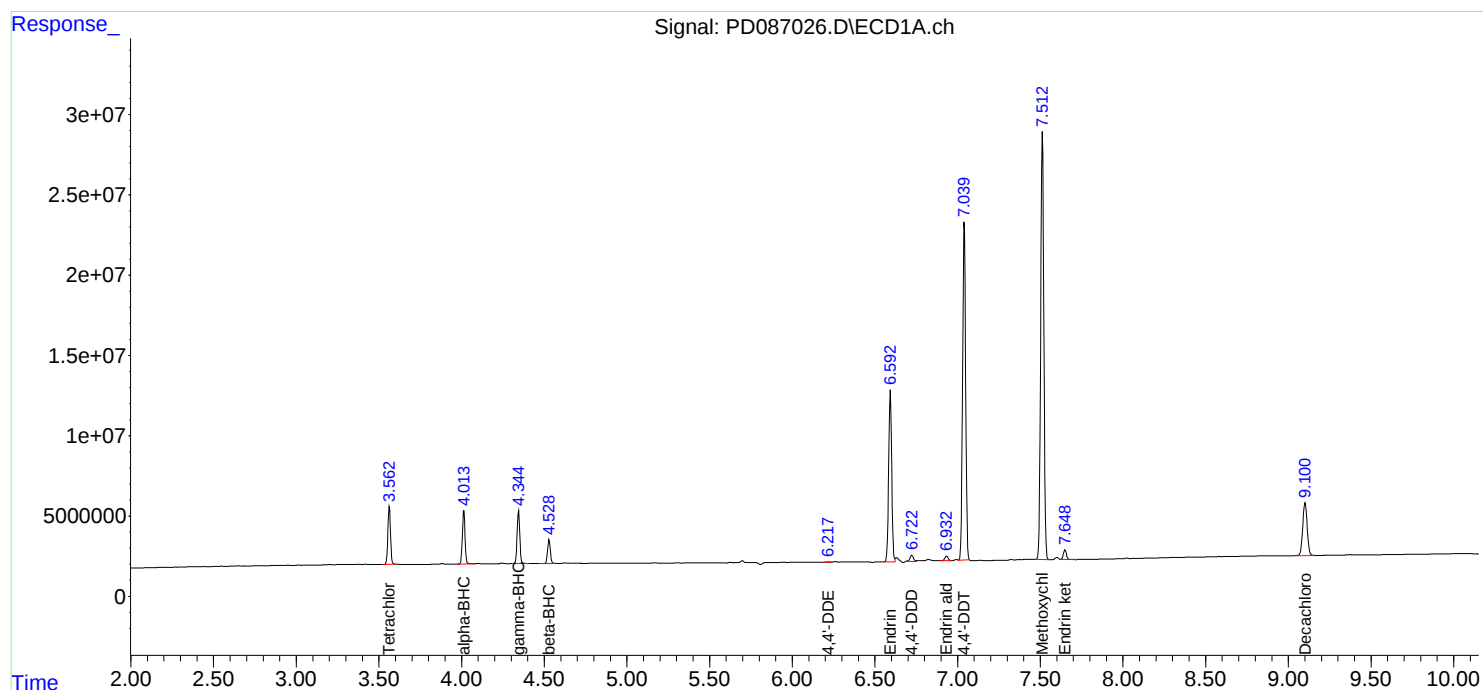
Instrument :
ECD_D
ClientSampleId :
PEM

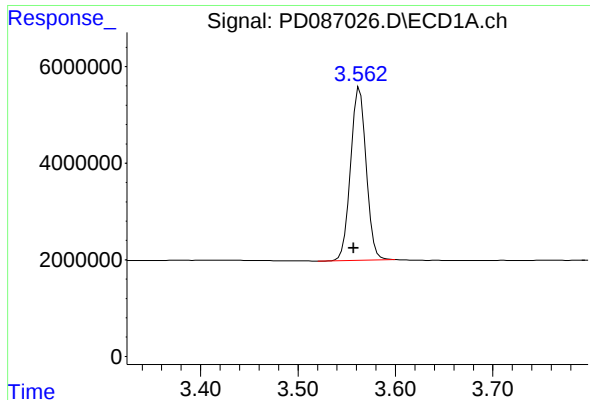
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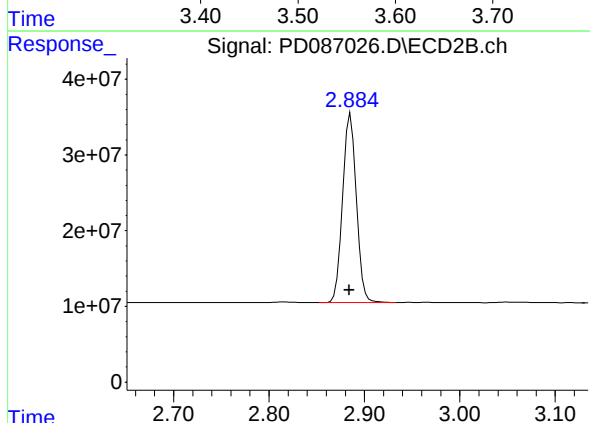
#1 Tetrachloro-m-xylene

R.T.: 3.563 min
Delta R.T.: 0.006 min
Response: 39716289
Conc: 19.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

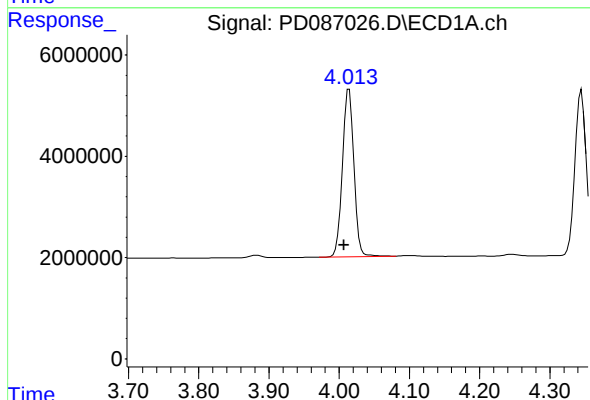
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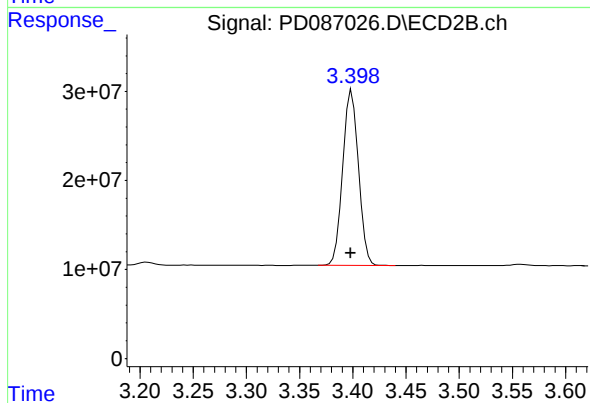
#1 Tetrachloro-m-xylene

R.T.: 2.885 min
Delta R.T.: 0.002 min
Response: 249761644
Conc: 21.82 ng/ml



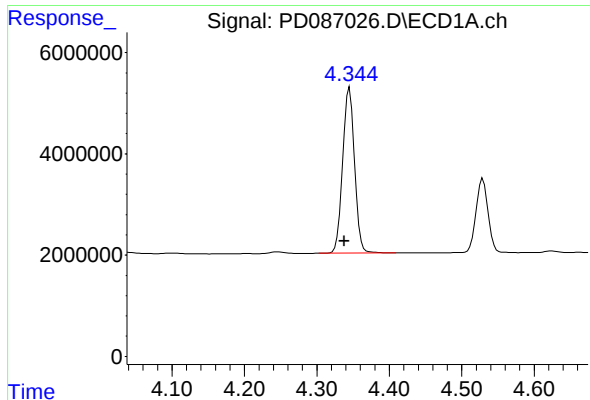
#2 alpha-BHC

R.T.: 4.014 min
Delta R.T.: 0.007 min
Response: 37551376
Conc: 9.33 ng/ml



#2 alpha-BHC

R.T.: 3.399 min
Delta R.T.: 0.001 min
Response: 201683304
Conc: 11.45 ng/ml



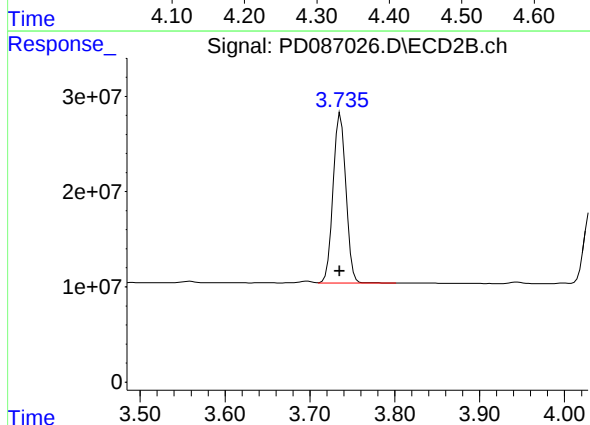
#3 gamma-BHC (Lindane)

R.T.: 4.345 min
Delta R.T.: 0.007 min
Response: 37093865
Conc: 9.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

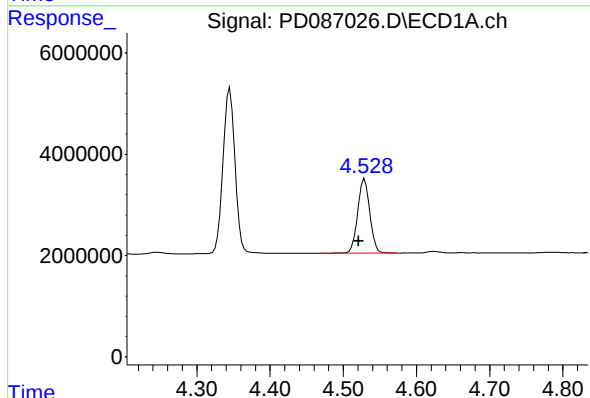
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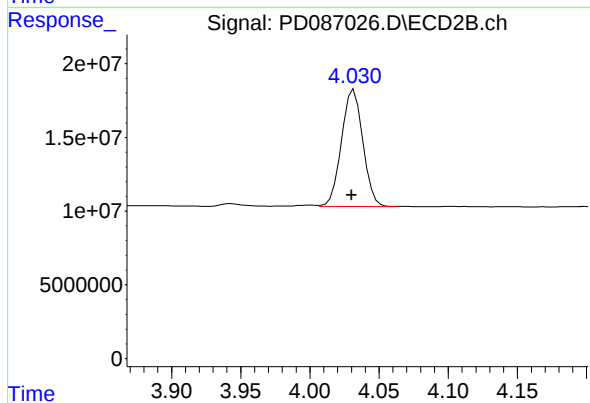
#3 gamma-BHC (Lindane)

R.T.: 3.736 min
Delta R.T.: 0.001 min
Response: 186872477
Conc: 11.13 ng/ml



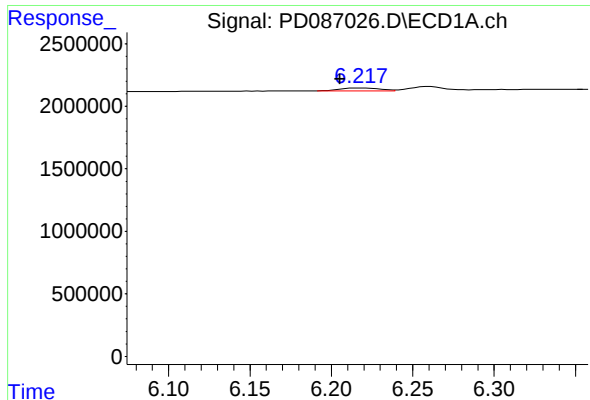
#6 beta-BHC

R.T.: 4.529 min
Delta R.T.: 0.008 min
Response: 16915845
Conc: 10.73 ng/ml



#6 beta-BHC

R.T.: 4.032 min
Delta R.T.: 0.002 min
Response: 85435594
Conc: 11.93 ng/ml



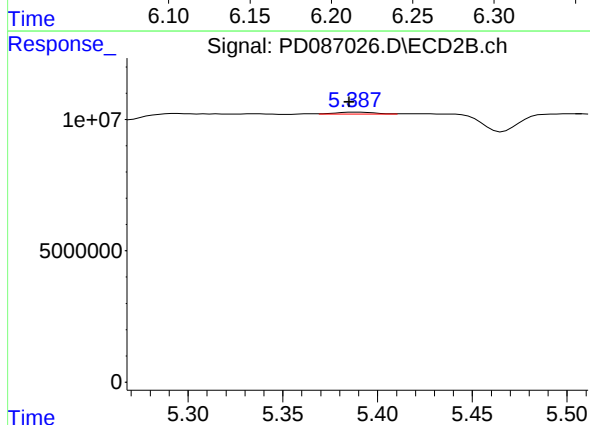
#12 4,4'-DDE

R.T.: 6.217 min
Delta R.T.: 0.011 min
Response: 403385
Conc: 0.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

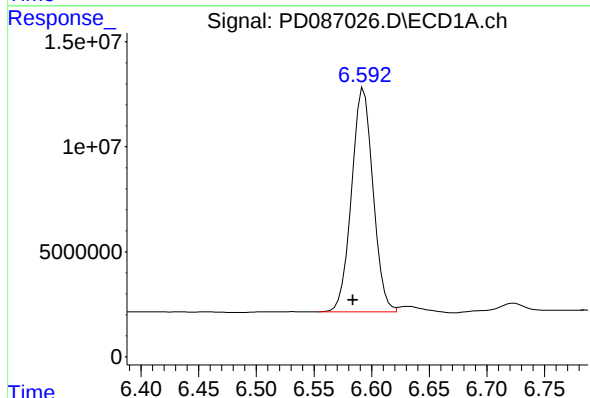
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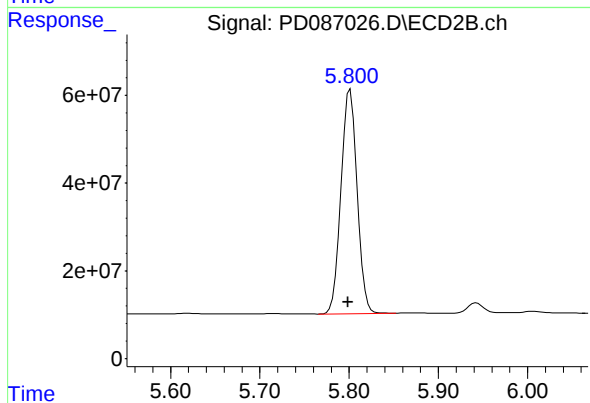
#12 4,4'-DDE

R.T.: 5.887 min
Delta R.T.: 0.001 min
Response: 961125
Conc: 0.06 ng/ml



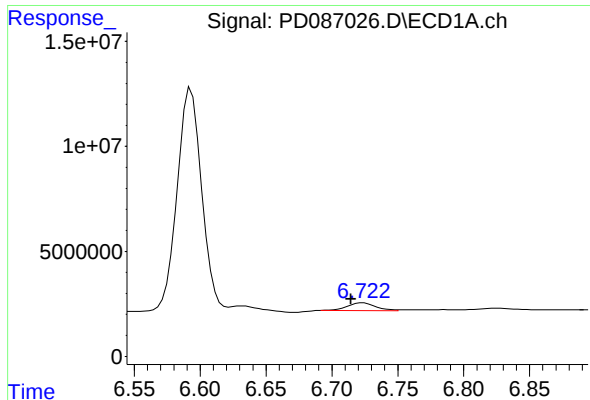
#14 Endrin

R.T.: 6.592 min
Delta R.T.: 0.008 min
Response: 137956926
Conc: 45.59 ng/ml



#14 Endrin

R.T.: 5.801 min
Delta R.T.: 0.003 min
Response: 642557686
Conc: 45.93 ng/ml



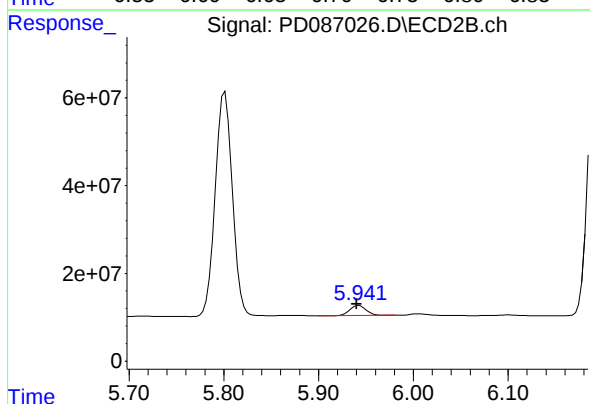
#16 4,4'-DDD

R.T.: 6.722 min
Delta R.T.: 0.008 min
Response: 5656594
Conc: 2.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

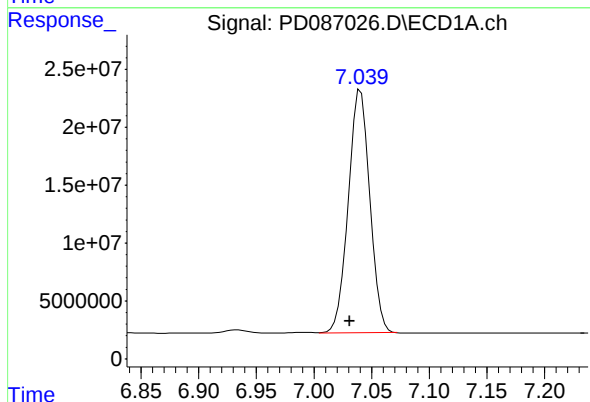
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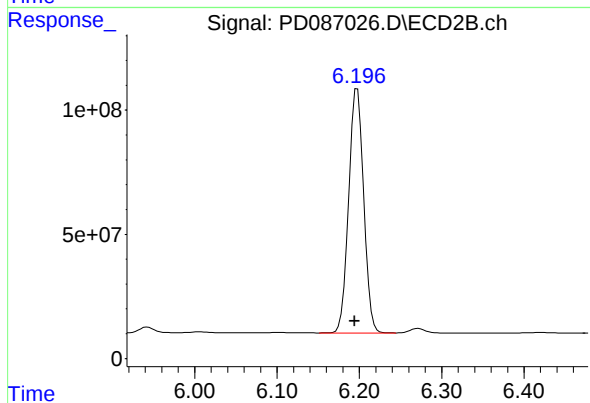
#16 4,4'-DDD

R.T.: 5.943 min
Delta R.T.: 0.003 min
Response: 28053594
Conc: 2.23 ng/ml



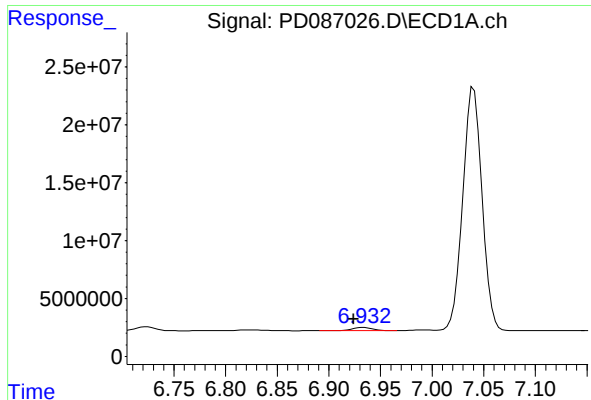
#17 4,4'-DDT

R.T.: 7.040 min
Delta R.T.: 0.009 min
Response: 271626994
Conc: 96.15 ng/ml



#17 4,4'-DDT

R.T.: 6.197 min
Delta R.T.: 0.003 min
Response: 1244030350
Conc: 93.30 ng/ml



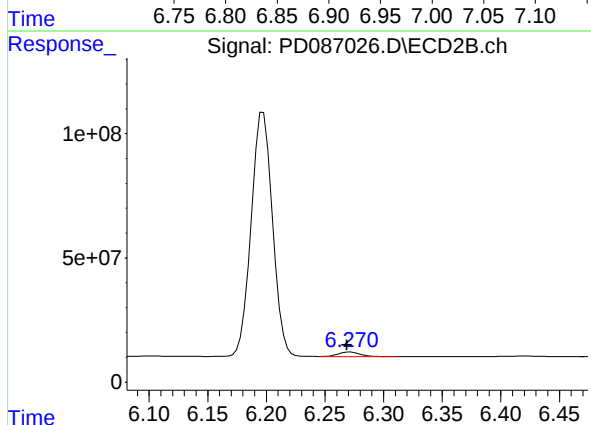
#18 Endrin aldehyde

R.T.: 6.933 min
Delta R.T.: 0.009 min
Response: 3823476
Conc: 1.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

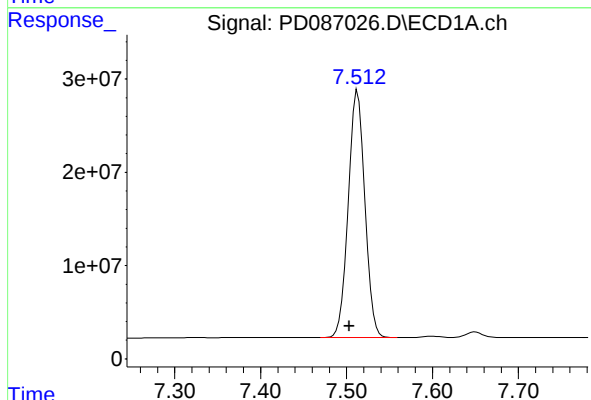
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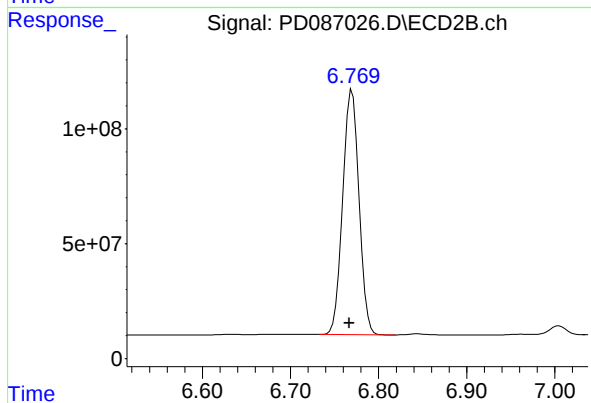
#18 Endrin aldehyde

R.T.: 6.272 min
Delta R.T.: 0.003 min
Response: 23103014
Conc: 2.08 ng/ml



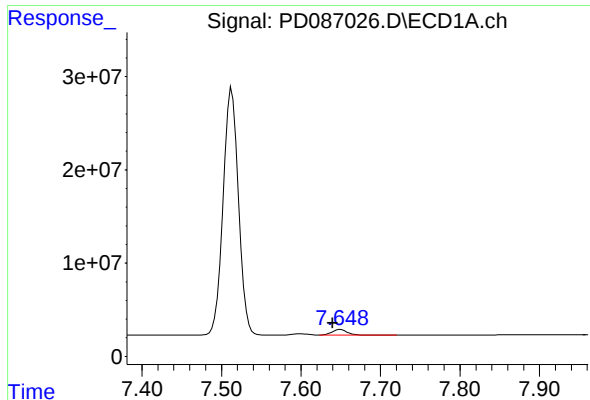
#20 Methoxychlor

R.T.: 7.512 min
Delta R.T.: 0.008 min
Response: 354155762
Conc: 221.45 ng/ml m



#20 Methoxychlor

R.T.: 6.770 min
Delta R.T.: 0.003 min
Response: 1372905185
Conc: 191.39 ng/ml



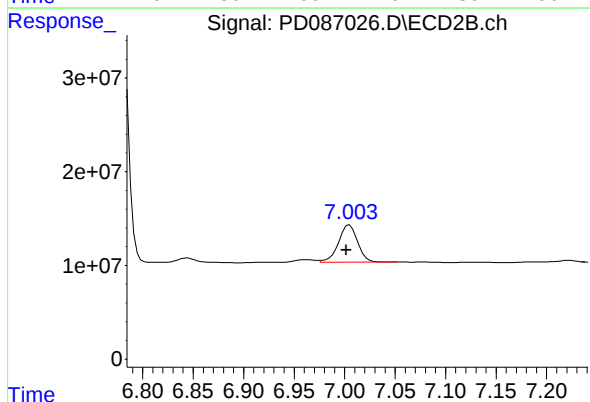
#21 Endrin ketone

R.T.: 7.650 min
Delta R.T.: 0.010 min
Response: 7679396
Conc: 2.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

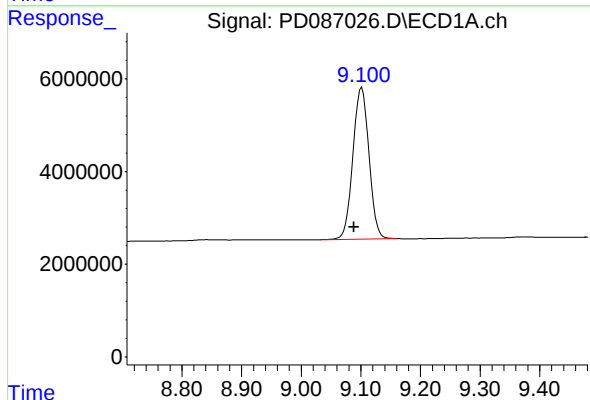
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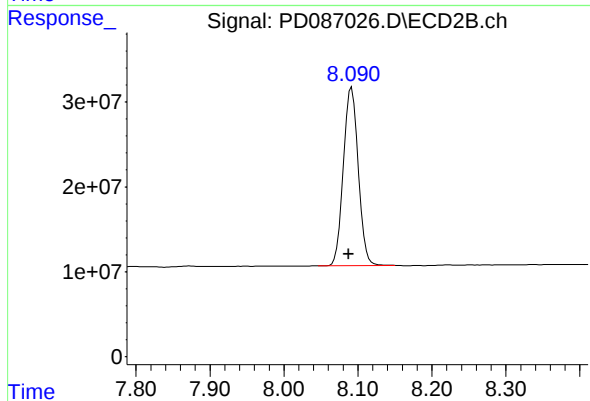
#21 Endrin ketone

R.T.: 7.005 min
Delta R.T.: 0.003 min
Response: 52351787
Conc: 3.47 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.102 min
Delta R.T.: 0.013 min
Response: 61413357
Conc: 19.31 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.092 min
Delta R.T.: 0.004 min
Response: 293780591
Conc: 21.09 ng/ml