

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD030122\
 Data File : PD068250.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Feb 2022 17:28
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/01/2022
 Supervised By : Ankita Jodhani 03/01/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 01 06:50:29 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD030122.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 01 06:48:49 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...	3.450	4.176	21217819	181.4E6	18.100	18.903
28)	SA Decachlor...	8.213	9.372	21979872	112.0E6	18.888	18.886
Target Compounds							
2)	A alpha-BHC	3.889	4.572	14602424	132.8E6	8.510	9.675
3)	MA gamma-BHC...	4.173	4.863	13914004	121.6E6	8.737	9.804
6)	B beta-BHC	4.423	5.026	7268343	58202321	10.359	10.767
12)	B 4,4'-DDE	5.617	6.553	580411	6219939	0.426	0.636 #
14)	MA Endrin	6.006	6.933	57982229	362.4E6	46.936	47.121
16)	A 4,4'-DDD	6.132	7.044	3010575	22794326	2.539m	2.896
17)	MA 4,4'-DDT	6.374	7.347	103.9E6	583.5E6	94.253	82.466
18)	B Endrin al...	6.448	7.260	1136391	5372358	1.240	0.893m#
20)	A Methoxychlor	6.925	7.800	138.9E6	676.4E6	214.125	194.666
21)	B Endrin ke...	7.154	7.962	2156366	13720032	1.465	1.634

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

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Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 23 Sample Multiplier: 1

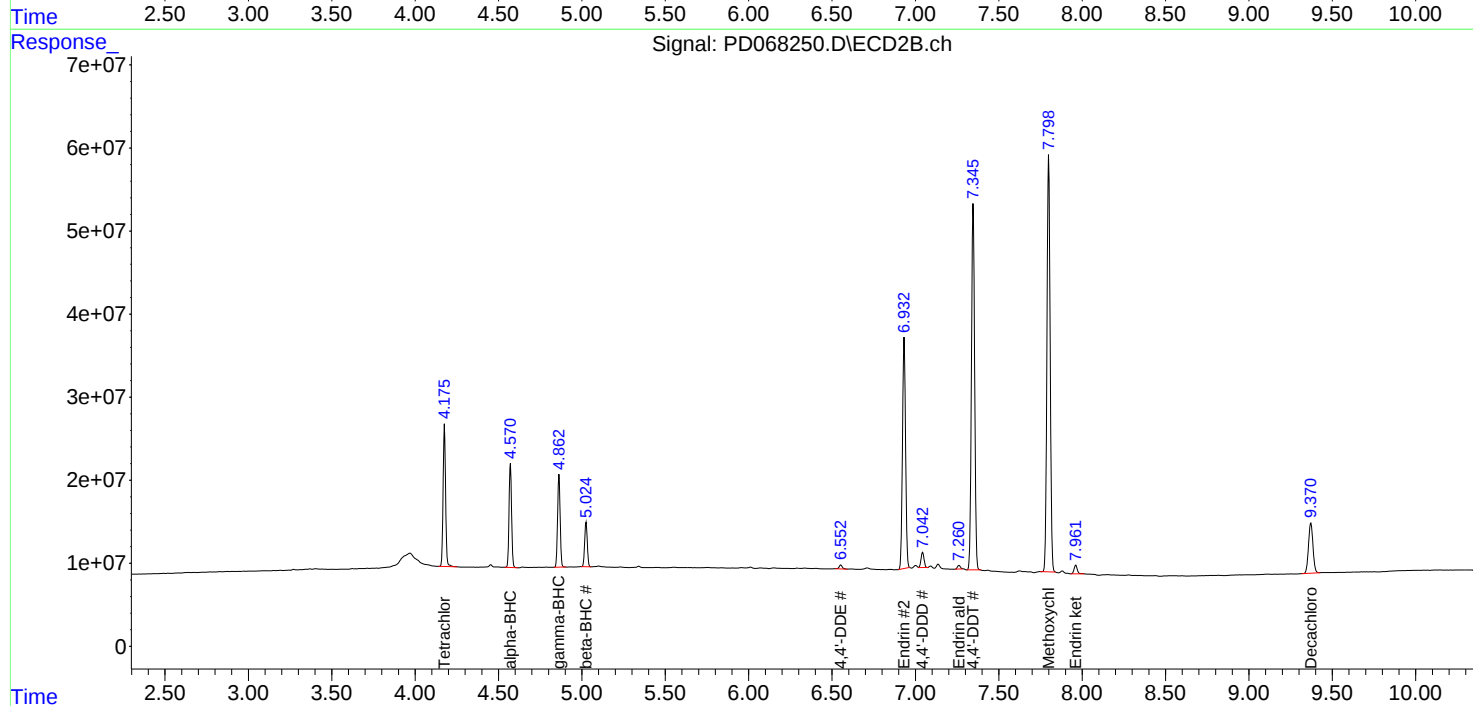
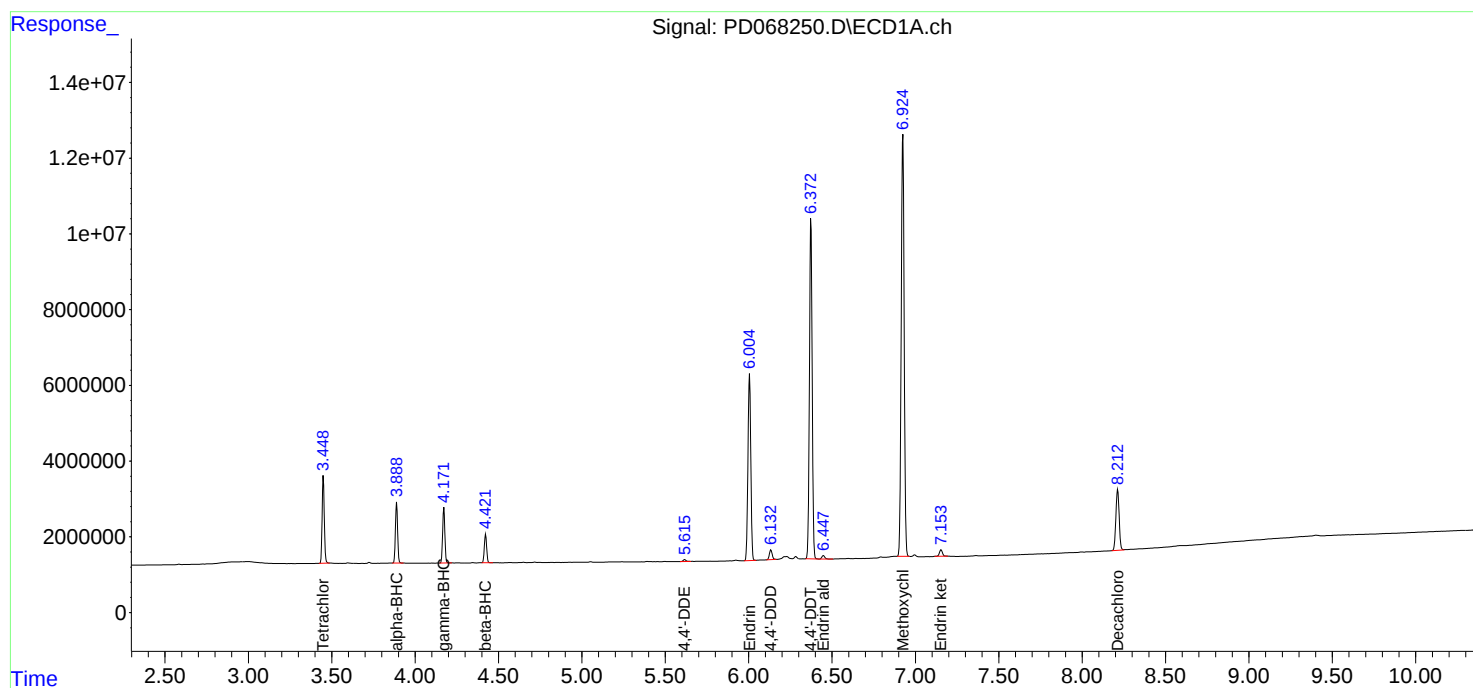
Instrument :
ECD_D
ClientSampleId :
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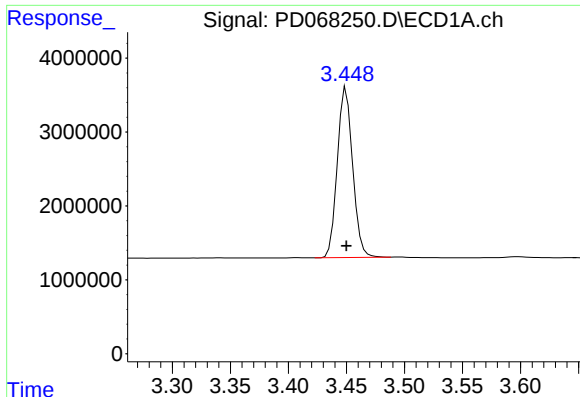
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Integration File signal 1: autoint1.e
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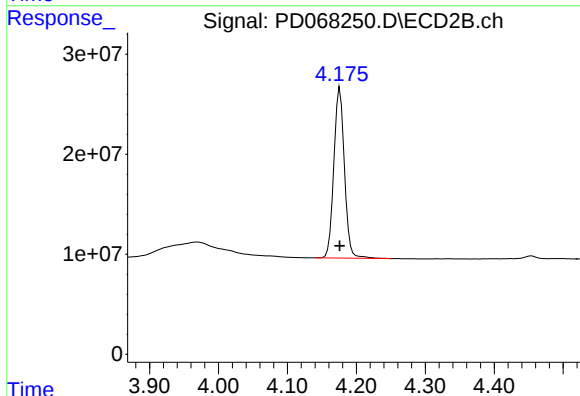
#1 Tetrachloro-m-xylene

R.T.: 3.450 min
Delta R.T.: 0.000 min
Response: 21217819
Conc: 18.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

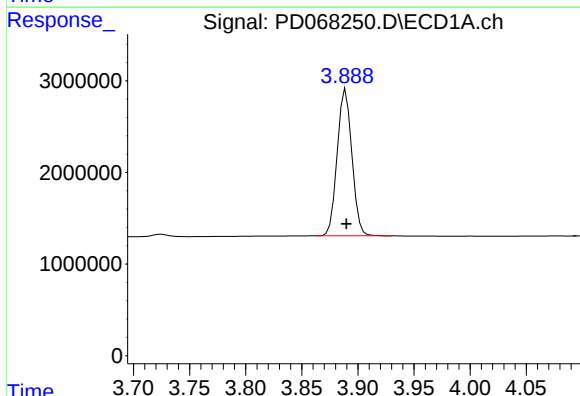
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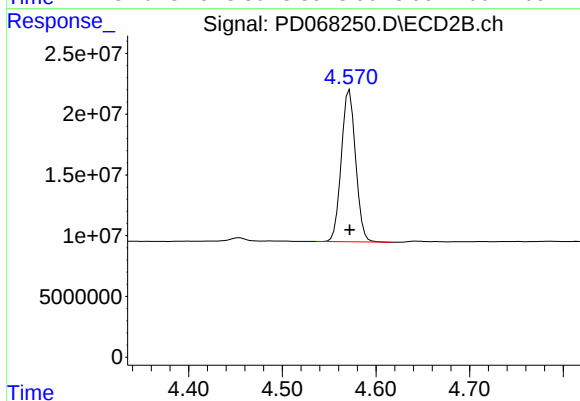
#1 Tetrachloro-m-xylene

R.T.: 4.176 min
Delta R.T.: 0.000 min
Response: 181426793
Conc: 18.90 ng/ml



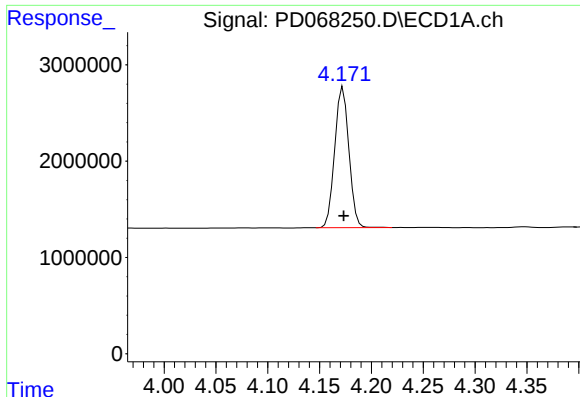
#2 alpha-BHC

R.T.: 3.889 min
Delta R.T.: 0.000 min
Response: 14602424
Conc: 8.51 ng/ml



#2 alpha-BHC

R.T.: 4.572 min
Delta R.T.: 0.000 min
Response: 132754879
Conc: 9.67 ng/ml



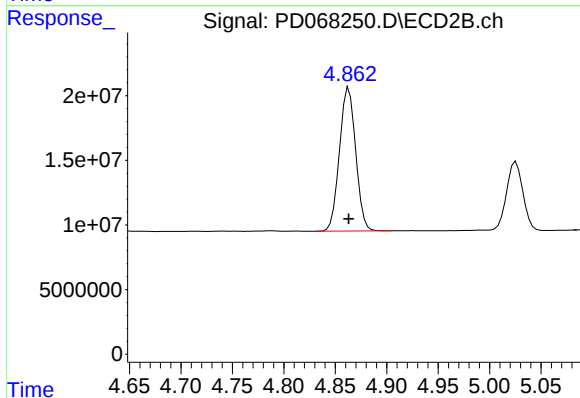
#3 gamma-BHC (Lindane)

R.T.: 4.173 min
Delta R.T.: 0.000 min
Response: 13914004
Conc: 8.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

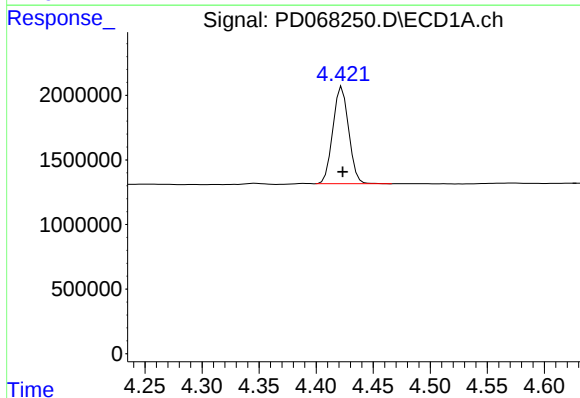
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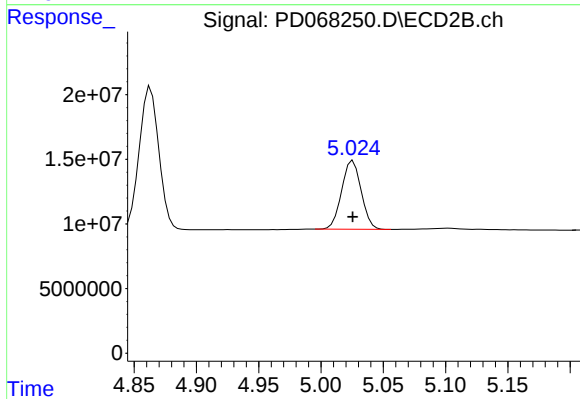
#3 gamma-BHC (Lindane)

R.T.: 4.863 min
Delta R.T.: 0.000 min
Response: 121567401
Conc: 9.80 ng/ml



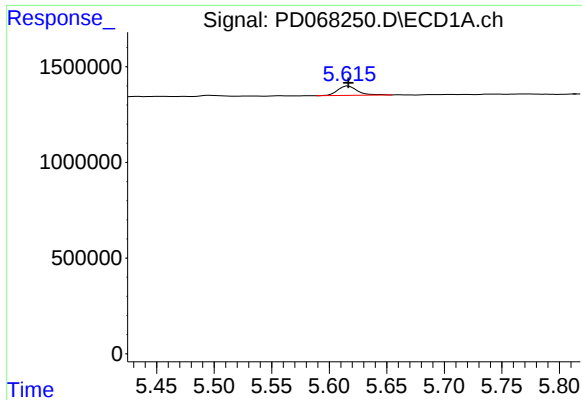
#6 beta-BHC

R.T.: 4.423 min
Delta R.T.: 0.000 min
Response: 7268343
Conc: 10.36 ng/ml



#6 beta-BHC

R.T.: 5.026 min
Delta R.T.: 0.000 min
Response: 58202321
Conc: 10.77 ng/ml



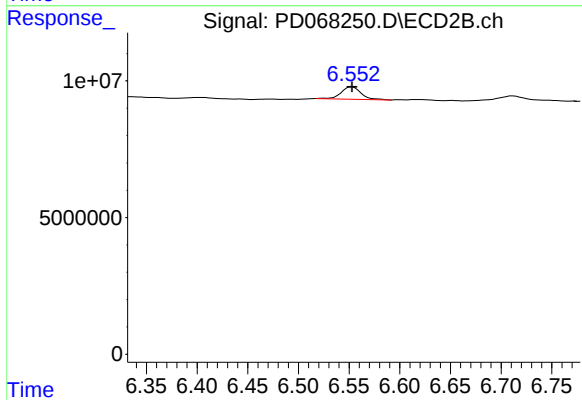
#12 4,4'-DDE

R.T.: 5.617 min
Delta R.T.: 0.000 min
Response: 580411
Conc: 0.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

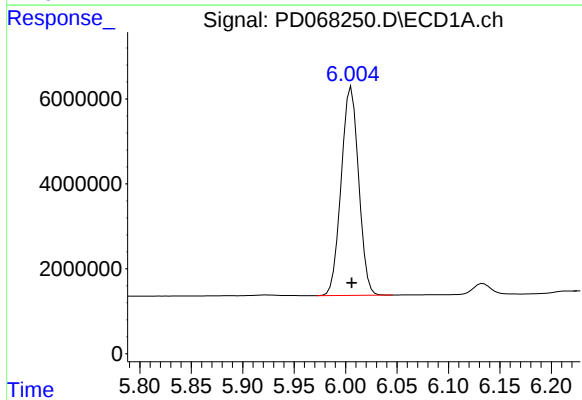
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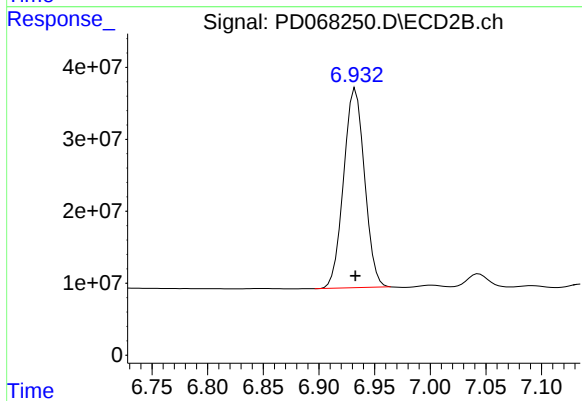
#12 4,4'-DDE

R.T.: 6.553 min
Delta R.T.: 0.000 min
Response: 6219939
Conc: 0.64 ng/ml



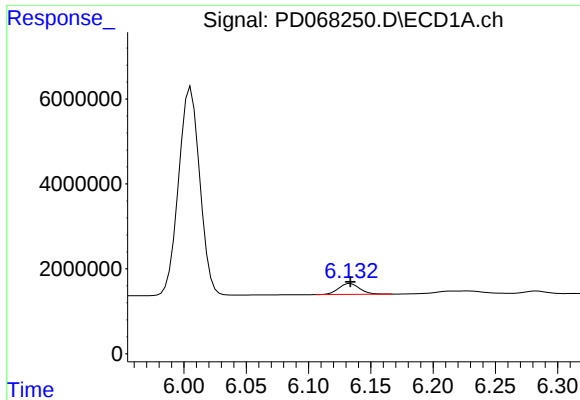
#14 Endrin

R.T.: 6.006 min
Delta R.T.: 0.000 min
Response: 57982229
Conc: 46.94 ng/ml



#14 Endrin

R.T.: 6.933 min
Delta R.T.: 0.000 min
Response: 362385064
Conc: 47.12 ng/ml



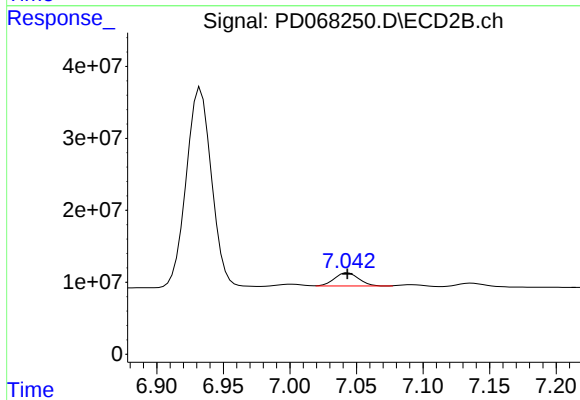
#16 4,4'-DDD

R.T.: 6.132 min
Delta R.T.: -0.002 min
Response: 3010575
Conc: 2.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

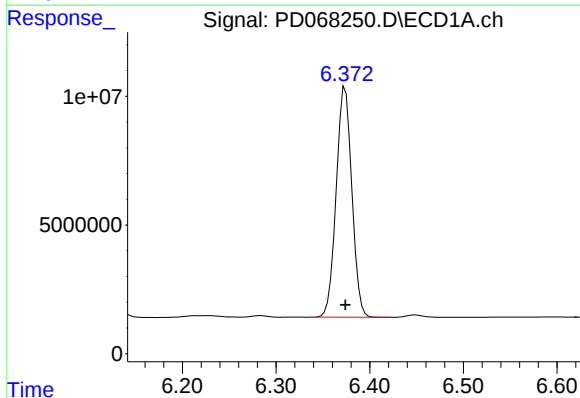
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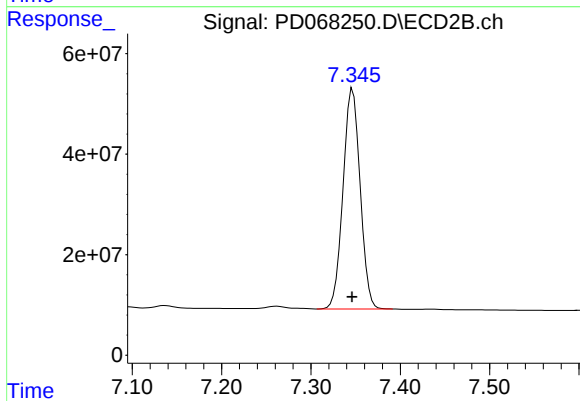
#16 4,4'-DDD

R.T.: 7.044 min
Delta R.T.: 0.000 min
Response: 22794326
Conc: 2.90 ng/ml



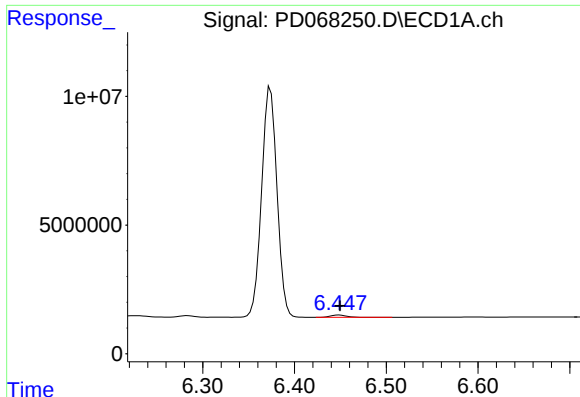
#17 4,4'-DDT

R.T.: 6.374 min
Delta R.T.: 0.000 min
Response: 103939661
Conc: 94.25 ng/ml



#17 4,4'-DDT

R.T.: 7.347 min
Delta R.T.: 0.000 min
Response: 583489251
Conc: 82.47 ng/ml



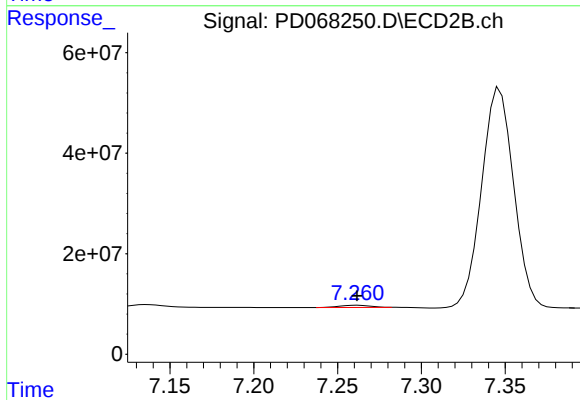
#18 Endrin aldehyde

R.T.: 6.448 min
Delta R.T.: -0.001 min
Response: 1136391
Conc: 1.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

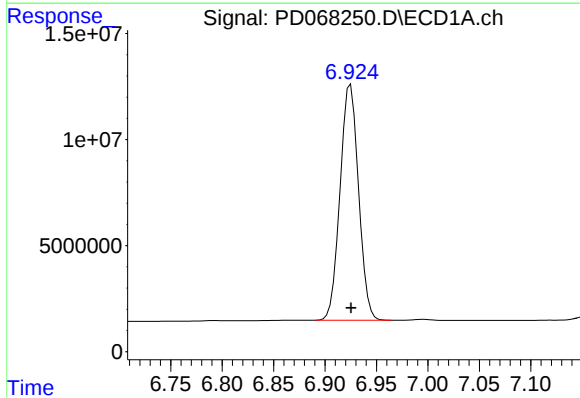
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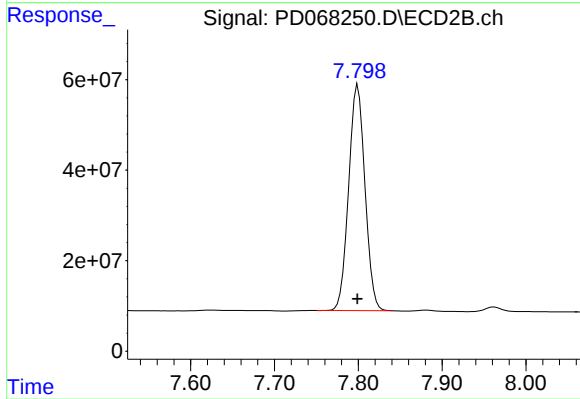
#18 Endrin aldehyde

R.T.: 7.260 min
Delta R.T.: -0.001 min
Response: 5372358
Conc: 0.89 ng/ml m



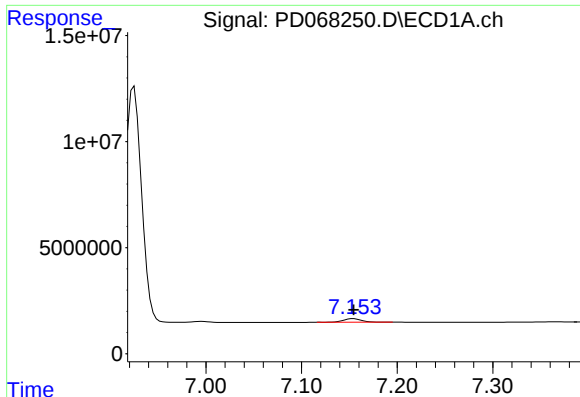
#20 Methoxychlor

R.T.: 6.925 min
Delta R.T.: 0.000 min
Response: 138945134
Conc: 214.12 ng/ml



#20 Methoxychlor

R.T.: 7.800 min
Delta R.T.: 0.000 min
Response: 676355225
Conc: 194.67 ng/ml



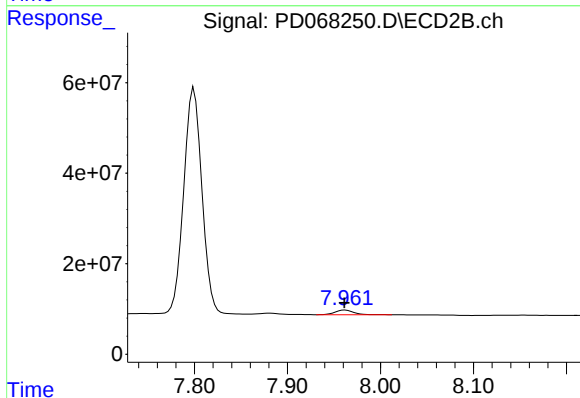
#21 Endrin ketone

R.T.: 7.154 min
Delta R.T.: 0.000 min
Response: 2156366
Conc: 1.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

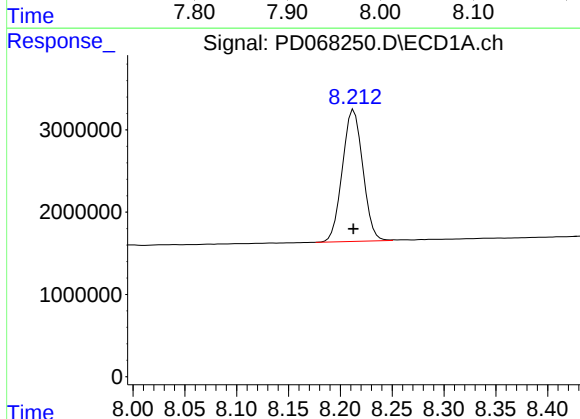
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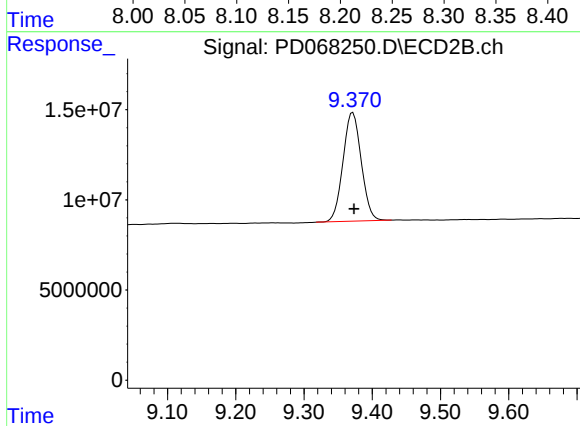
#21 Endrin ketone

R.T.: 7.962 min
Delta R.T.: 0.000 min
Response: 13720032
Conc: 1.63 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.213 min
Delta R.T.: 0.000 min
Response: 21979872
Conc: 18.89 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.372 min
Delta R.T.: -0.002 min
Response: 111970490
Conc: 18.89 ng/ml