

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD060522\
 Data File : PD070112.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Jun 2022 04:00
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/06/2022
 Supervised By : Ankita Jodhani 06/07/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 05 21:13:48 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD052622.M
 Quant Title : GC Extractables
 QLast Update : Thu May 26 05:06:06 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...	3.442	4.170	22239714	213.4E6	20.898	24.213
28)	SA Decachlor...	8.193	9.363	21314689	121.3E6	19.542	22.433
Target Compounds							
2)	A alpha-BHC	3.880	4.566	15613950	160.3E6	9.528	12.241 #
3)	MA gamma-BHC...	4.163	4.856	16384540	150.6E6	9.493	12.209 #
6)	B beta-BHC	4.414	5.021	8203666	72997464	11.787	13.896
12)	B 4,4'-DDE	5.599	6.544	273275	3646296	0.216m	0.403m#
14)	MA Endrin	5.991	6.925	55761177	408.8E6	48.292	60.566 #
16)	A 4,4'-DDD	6.118	7.037	8590012	73968138	7.939	9.989 #
17)	MA 4,4'-DDT	6.358	7.340	90623862	653.5E6	91.441	89.302
18)	B Endrin al...	6.434	7.253	1483374	8540776	1.726	1.487m
20)	A Methoxychlor	6.908	7.793	128.4E6	787.3E6	226.331	220.815
21)	B Endrin ke...	7.140	7.955	4692082	32022993	3.521	4.022

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

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Acq On : 05 Jun 2022 04:00
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Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

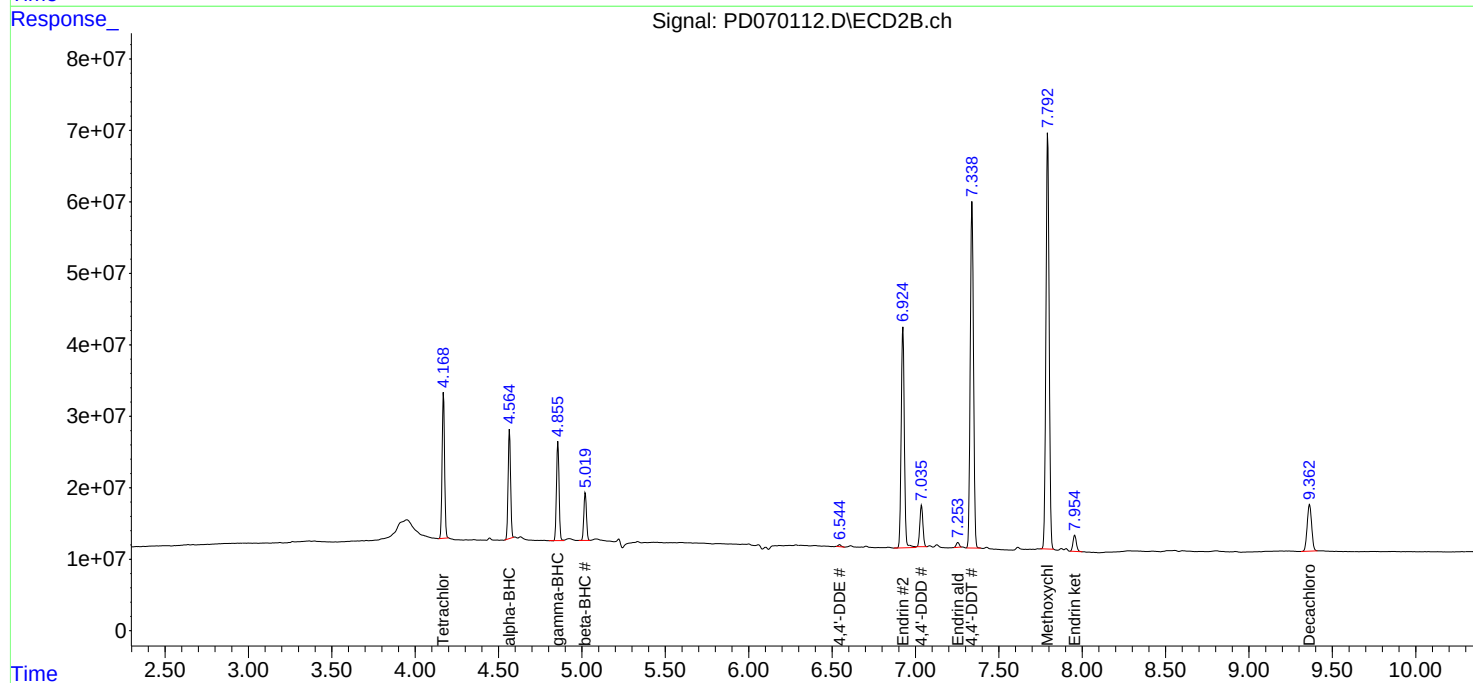
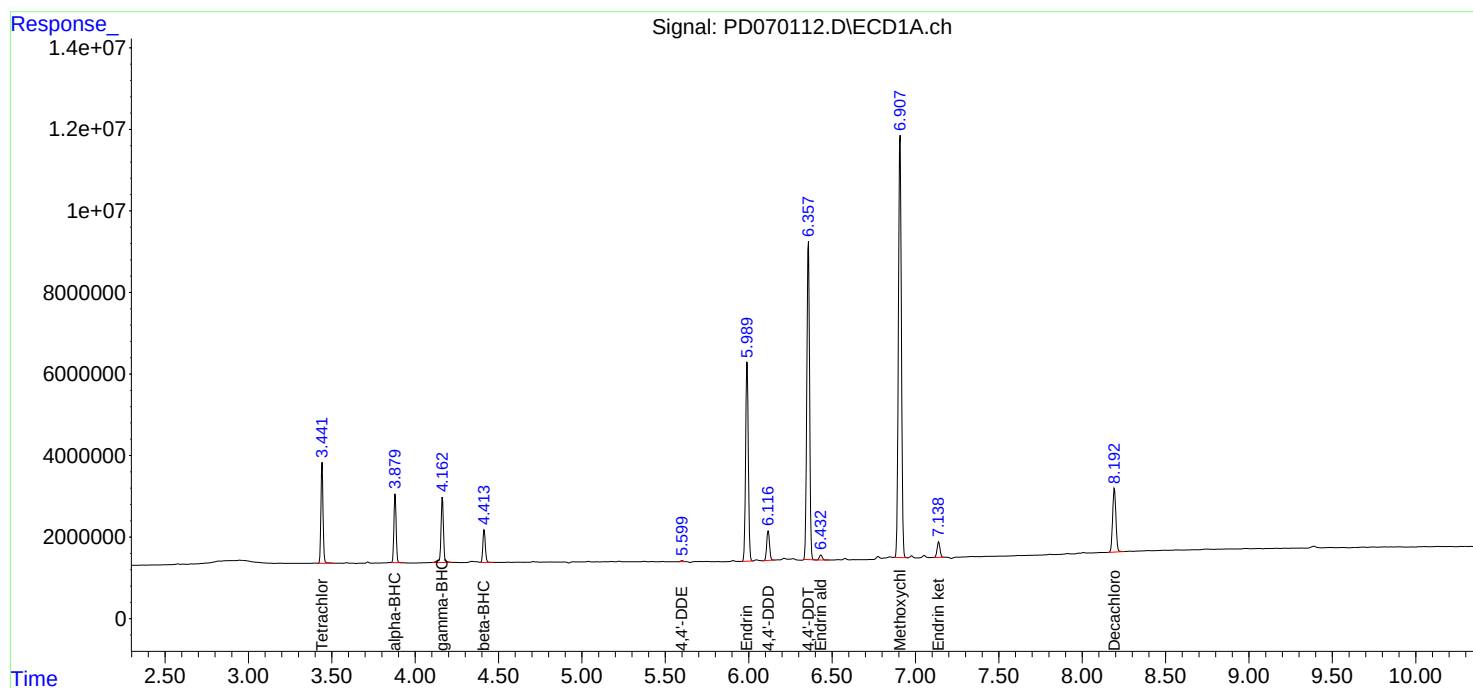
Instrument :
ECD_D
ClientSampleId :
PEM

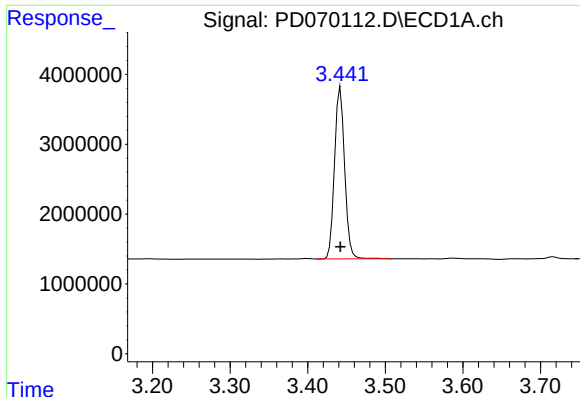
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Integration File signal 1: autoint1.e
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Signal #1 Info : 30M x 0.32mm x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





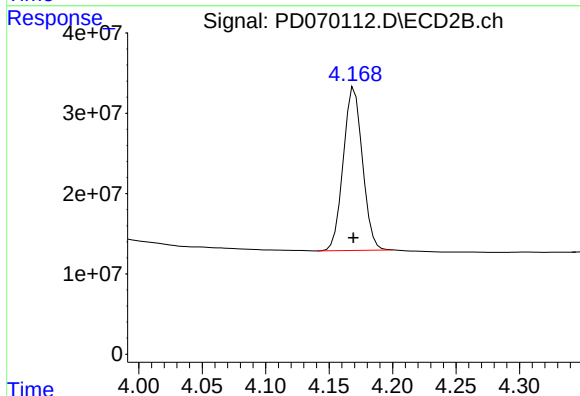
#1 Tetrachloro-m-xylene

R.T.: 3.442 min
Delta R.T.: 0.000 min
Response: 22239714
Conc: 20.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

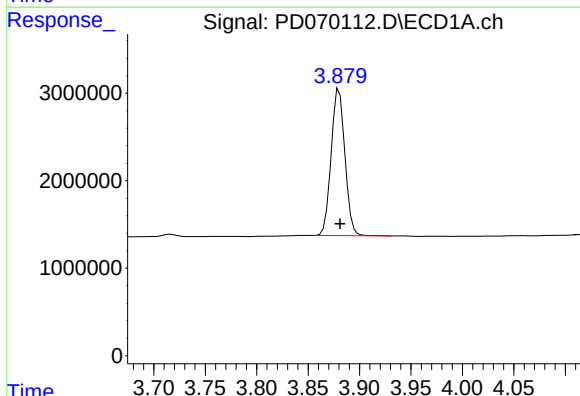
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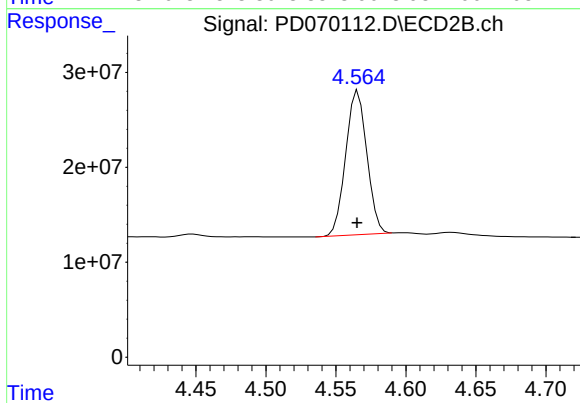
#1 Tetrachloro-m-xylene

R.T.: 4.170 min
Delta R.T.: 0.000 min
Response: 213354906
Conc: 24.21 ng/ml



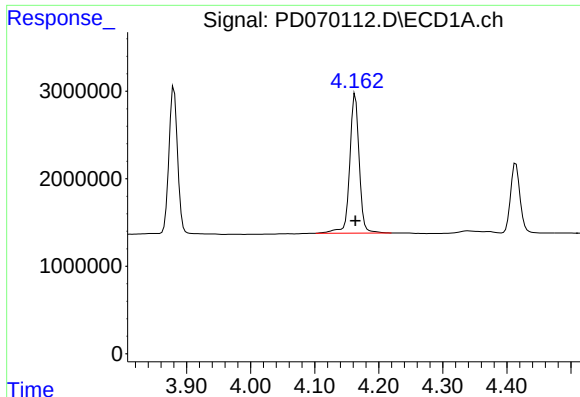
#2 alpha-BHC

R.T.: 3.880 min
Delta R.T.: 0.000 min
Response: 15613950
Conc: 9.53 ng/ml



#2 alpha-BHC

R.T.: 4.566 min
Delta R.T.: 0.000 min
Response: 160300400
Conc: 12.24 ng/ml



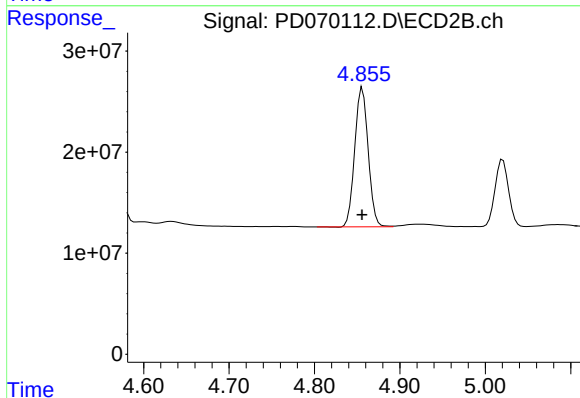
#3 gamma-BHC (Lindane)

R.T.: 4.163 min
Delta R.T.: 0.000 min
Response: 16384540
Conc: 9.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

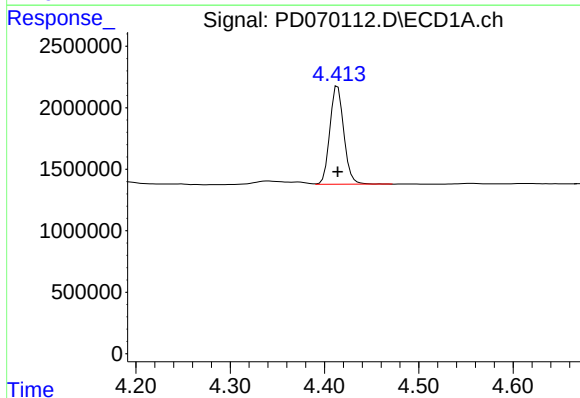
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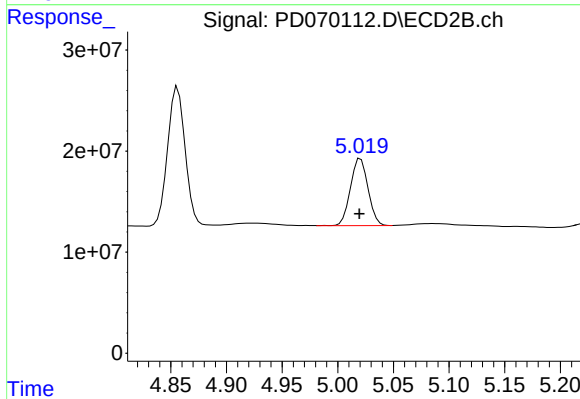
#3 gamma-BHC (Lindane)

R.T.: 4.856 min
Delta R.T.: 0.000 min
Response: 150614757
Conc: 12.21 ng/ml



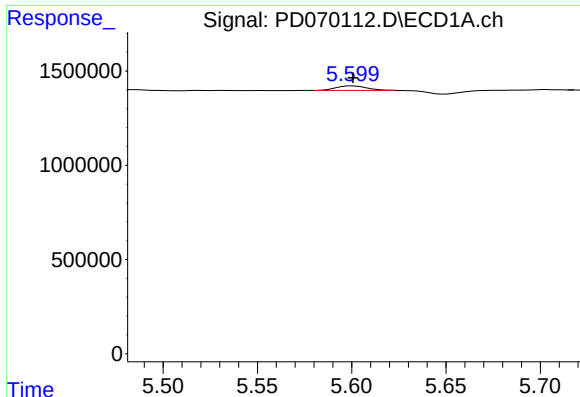
#6 beta-BHC

R.T.: 4.414 min
Delta R.T.: 0.000 min
Response: 8203666
Conc: 11.79 ng/ml



#6 beta-BHC

R.T.: 5.021 min
Delta R.T.: 0.001 min
Response: 72997464
Conc: 13.90 ng/ml



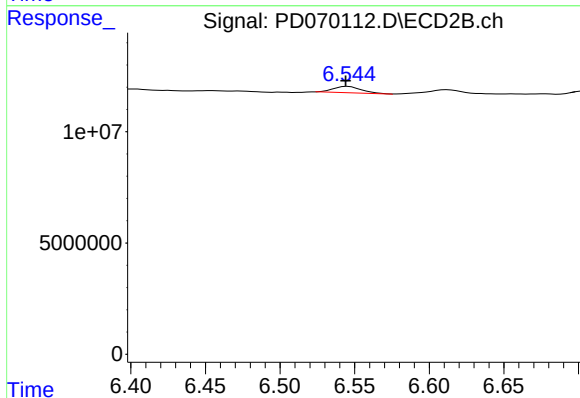
#12 4,4'-DDE

R.T.: 5.599 min
Delta R.T.: -0.002 min
Response: 273275
Conc: 0.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

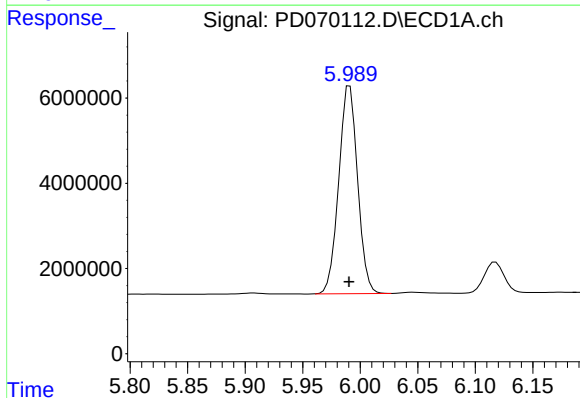
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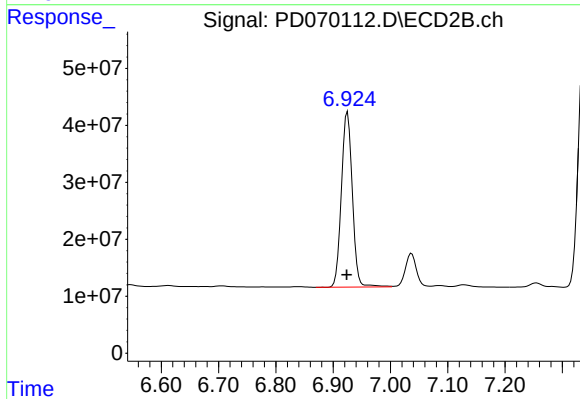
#12 4,4'-DDE

R.T.: 6.544 min
Delta R.T.: 0.000 min
Response: 3646296
Conc: 0.40 ng/ml m



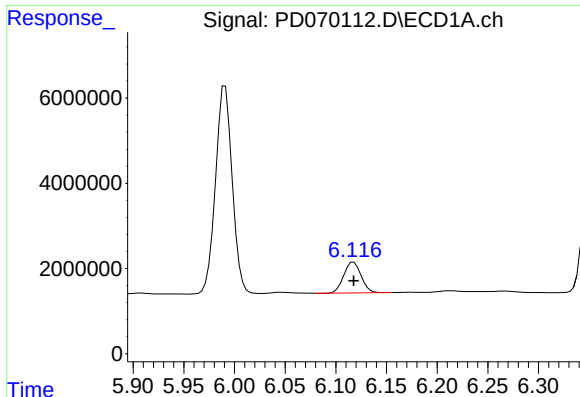
#14 Endrin

R.T.: 5.991 min
Delta R.T.: 0.000 min
Response: 55761177
Conc: 48.29 ng/ml



#14 Endrin

R.T.: 6.925 min
Delta R.T.: 0.001 min
Response: 408773019
Conc: 60.57 ng/ml



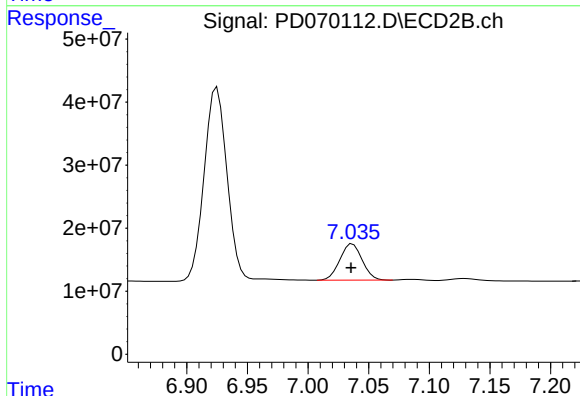
#16 4,4'-DDD

R.T.: 6.118 min
Delta R.T.: 0.000 min
Response: 8590012
Conc: 7.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

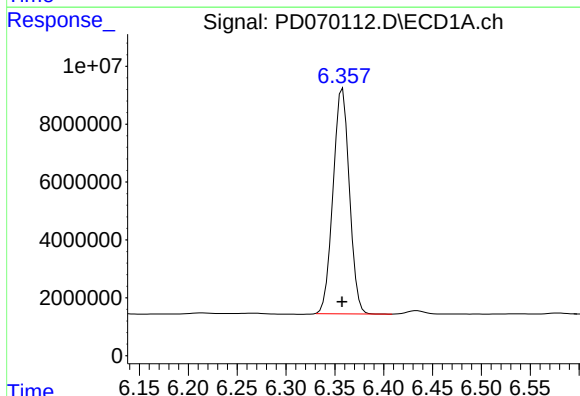
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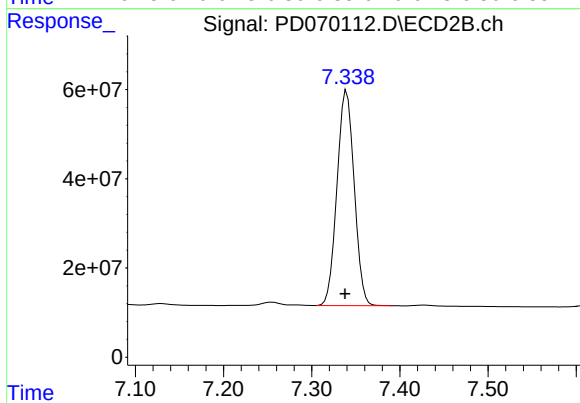
#16 4,4'-DDD

R.T.: 7.037 min
Delta R.T.: 0.001 min
Response: 73968138
Conc: 9.99 ng/ml



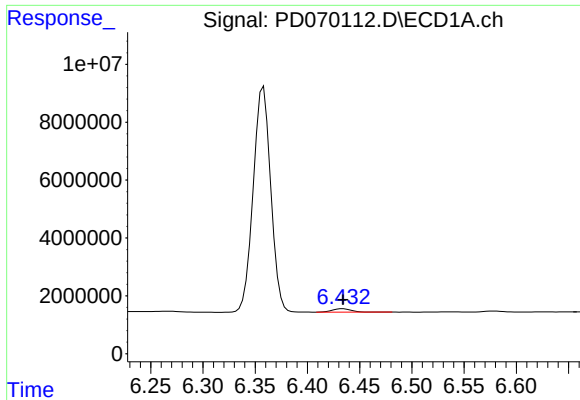
#17 4,4'-DDT

R.T.: 6.358 min
Delta R.T.: 0.000 min
Response: 90623862
Conc: 91.44 ng/ml



#17 4,4'-DDT

R.T.: 7.340 min
Delta R.T.: 0.002 min
Response: 653520796
Conc: 89.30 ng/ml



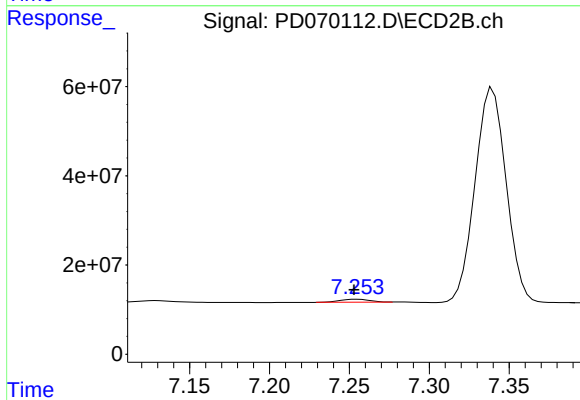
#18 Endrin aldehyde

R.T.: 6.434 min
Delta R.T.: 0.000 min
Response: 1483374
Conc: 1.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

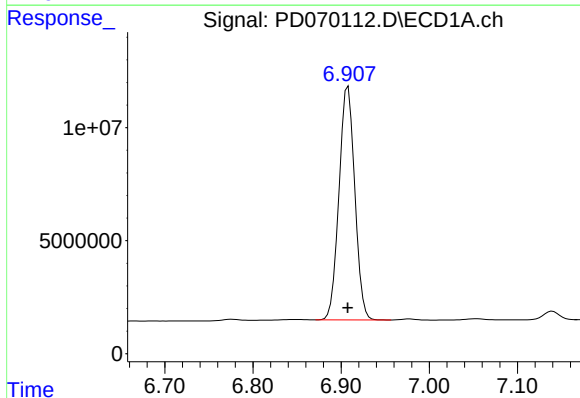
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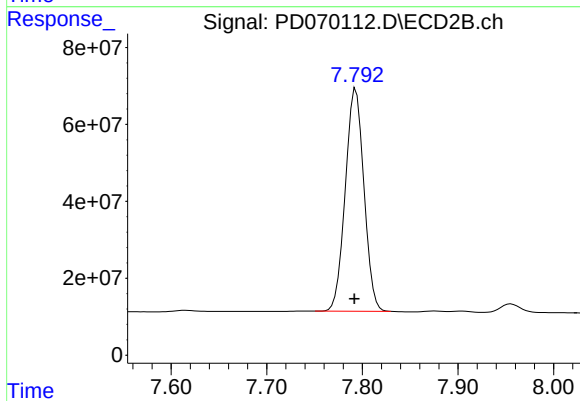
#18 Endrin aldehyde

R.T.: 7.253 min
Delta R.T.: 0.000 min
Response: 8540776
Conc: 1.49 ng/ml m



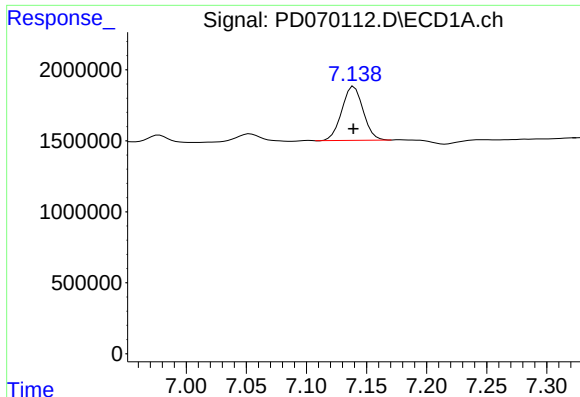
#20 Methoxychlor

R.T.: 6.908 min
Delta R.T.: 0.000 min
Response: 128397693
Conc: 226.33 ng/ml



#20 Methoxychlor

R.T.: 7.793 min
Delta R.T.: 0.002 min
Response: 787342417
Conc: 220.82 ng/ml



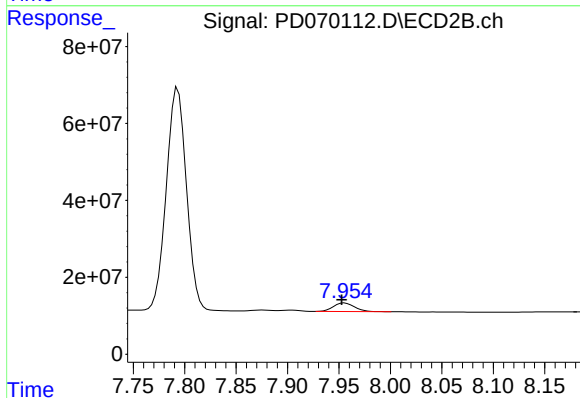
#21 Endrin ketone

R.T.: 7.140 min
Delta R.T.: 0.000 min
Response: 4692082
Conc: 3.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

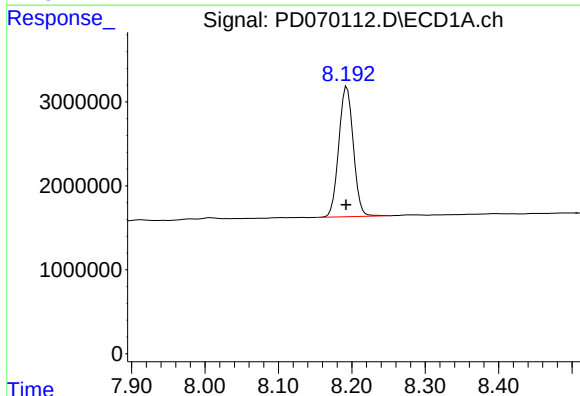
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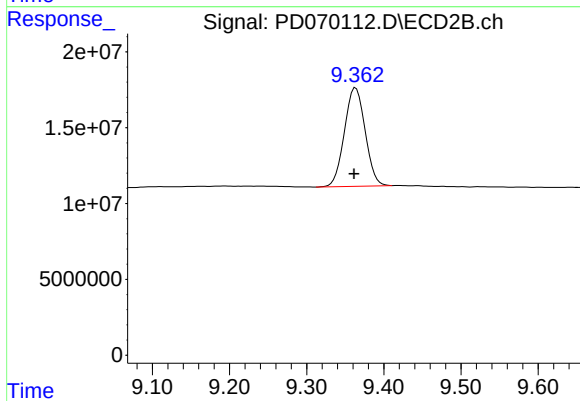
#21 Endrin ketone

R.T.: 7.955 min
Delta R.T.: 0.003 min
Response: 32022993
Conc: 4.02 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.193 min
Delta R.T.: 0.001 min
Response: 21314689
Conc: 19.54 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.363 min
Delta R.T.: 0.002 min
Response: 121317510
Conc: 22.43 ng/ml