

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD030322\
 Data File : PD068282.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Mar 2022 12:06
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 03 00:27:33 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...	3.451	4.177	23860238	200.2E6	20.354	20.862
28)	SA Decachlor...	8.216	9.374	24834993	125.3E6	21.341	21.136
Target Compounds							
2)	A alpha-BHC	3.891	4.573	16373902	147.9E6	9.542	10.781
3)	MA gamma-BHC...	4.174	4.863	15430620	134.2E6	9.690	10.826
6)	B beta-BHC	4.425	5.026	7850150	64448619	11.188	11.923
12)	B 4,4'-DDE	5.617	6.553	625286	6711829	0.458m	0.687 #
14)	MA Endrin	6.008	6.934	60494025	370.8E6	48.970	48.216
16)	A 4,4'-DDD	6.136	7.045	4931554	36231325	4.158	4.604
17)	MA 4,4'-DDT	6.377	7.348	110.7E6	617.0E6	100.415	87.197
18)	B Endrin al...	6.452	7.262	2403194	16907468	2.622	2.810
20)	A Methoxychlor	6.928	7.801	143.6E6	702.5E6	221.322	202.177
21)	B Endrin ke...	7.158	7.962	4369518	26609708	2.968	3.170

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

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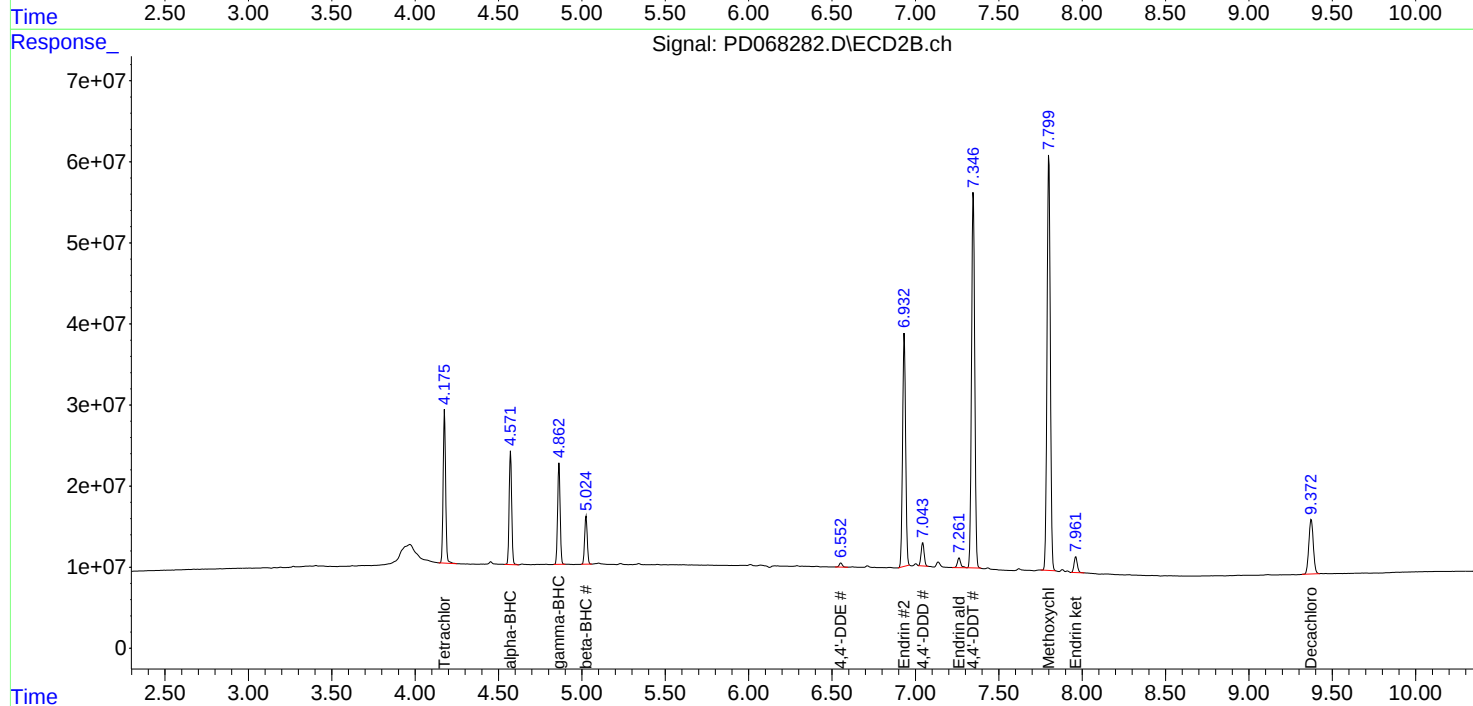
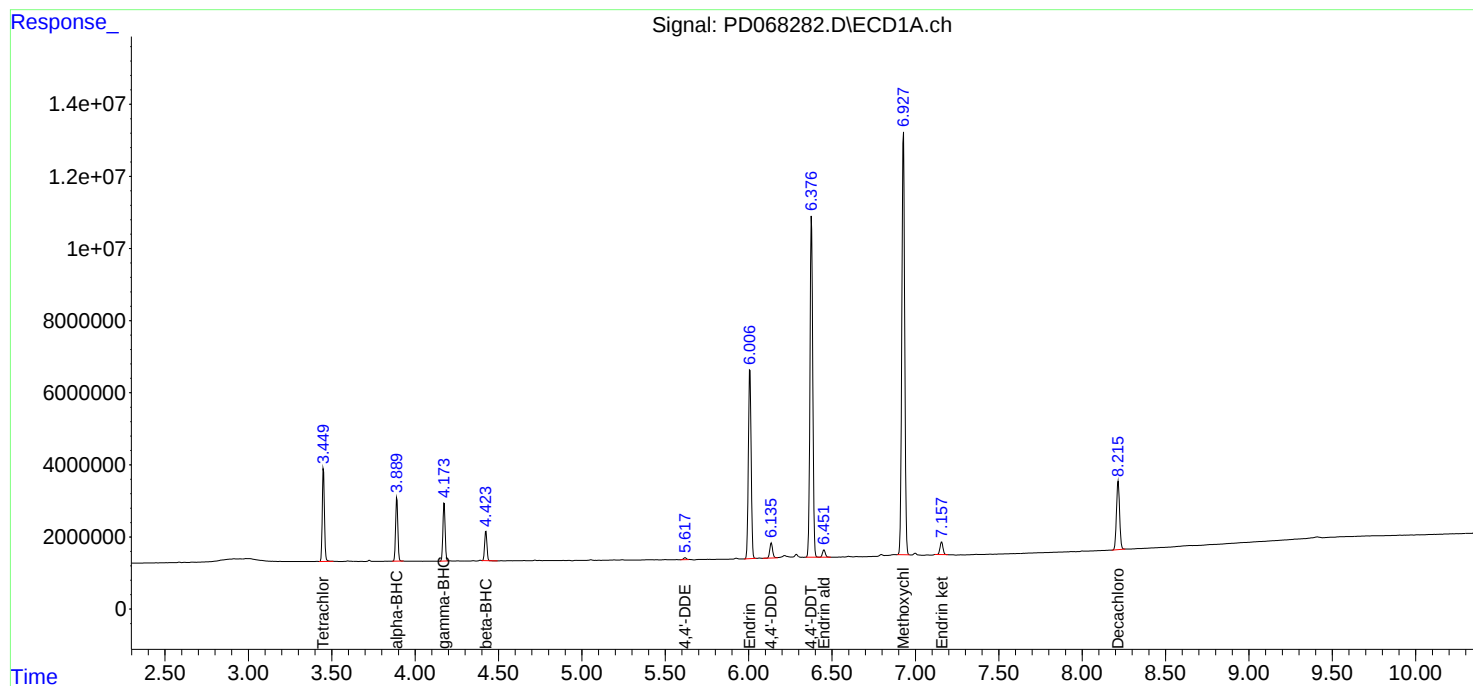
Instrument :
 ECD_D
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 PEM

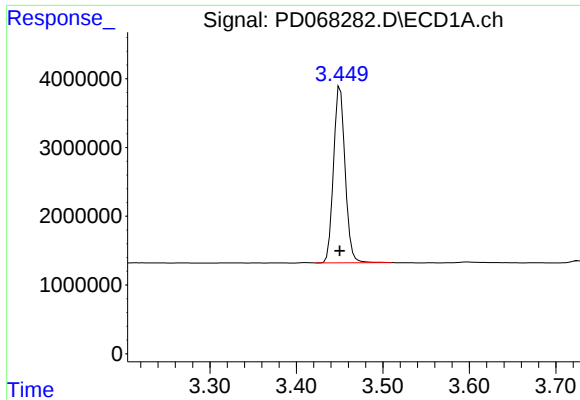
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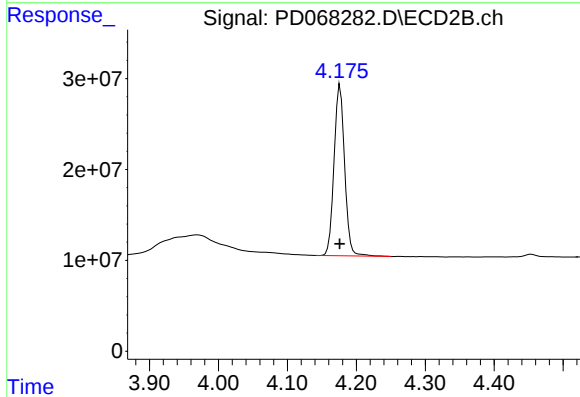
#1 Tetrachloro-m-xylene

R.T.: 3.451 min
Delta R.T.: 0.000 min
Response: 23860238
Conc: 20.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

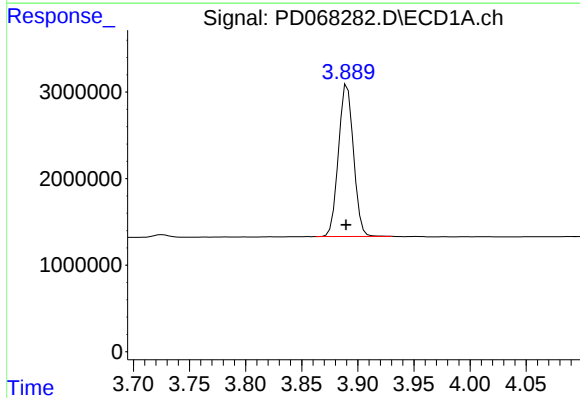
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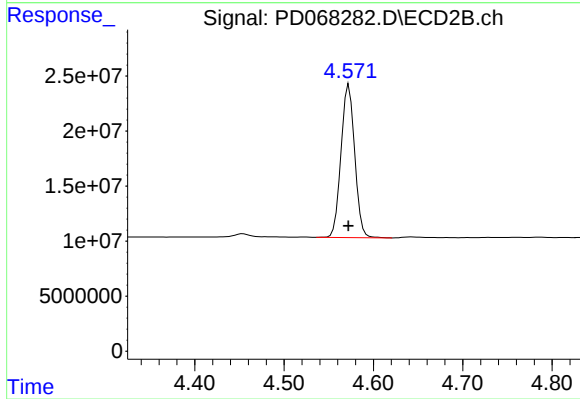
#1 Tetrachloro-m-xylene

R.T.: 4.177 min
Delta R.T.: 0.000 min
Response: 200236055
Conc: 20.86 ng/ml



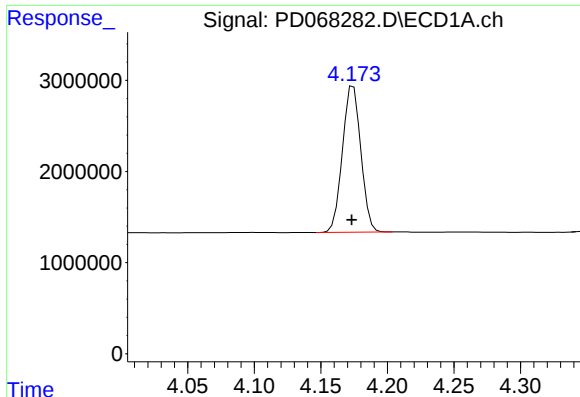
#2 alpha-BHC

R.T.: 3.891 min
Delta R.T.: 0.001 min
Response: 16373902
Conc: 9.54 ng/ml



#2 alpha-BHC

R.T.: 4.573 min
Delta R.T.: 0.000 min
Response: 147932519
Conc: 10.78 ng/ml



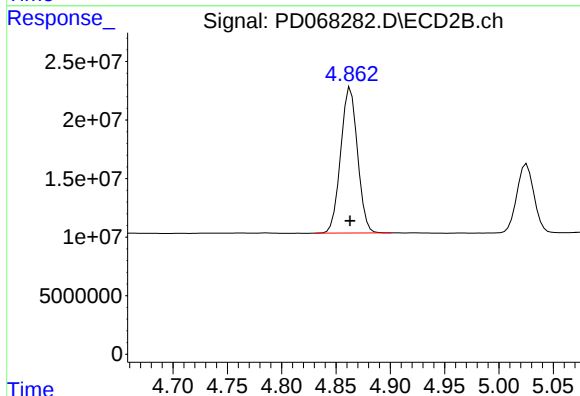
#3 gamma-BHC (Lindane)

R.T.: 4.174 min
Delta R.T.: 0.001 min
Response: 15430620
Conc: 9.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

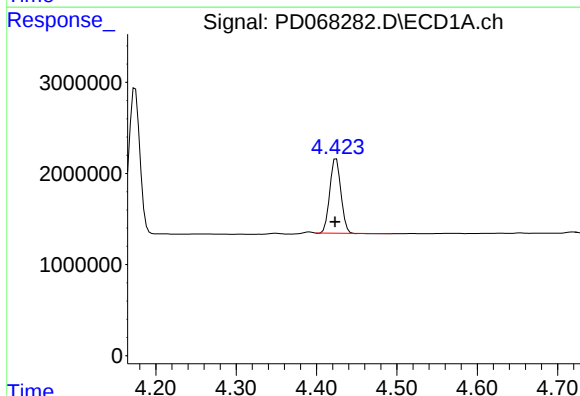
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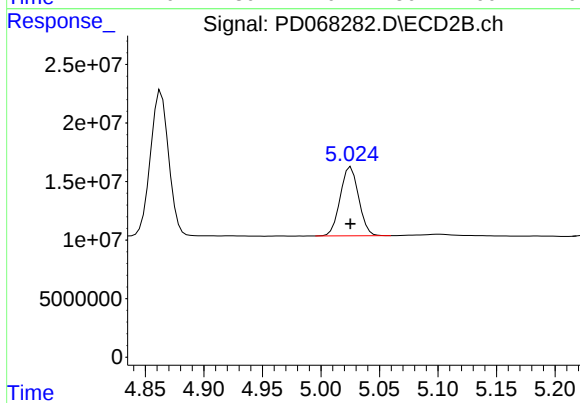
#3 gamma-BHC (Lindane)

R.T.: 4.863 min
Delta R.T.: 0.000 min
Response: 134234335
Conc: 10.83 ng/ml



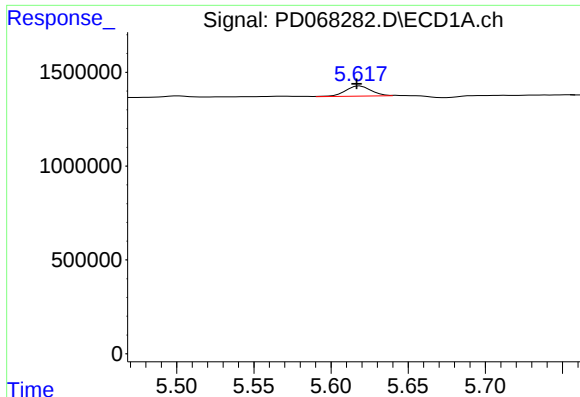
#6 beta-BHC

R.T.: 4.425 min
Delta R.T.: 0.001 min
Response: 7850150
Conc: 11.19 ng/ml



#6 beta-BHC

R.T.: 5.026 min
Delta R.T.: 0.000 min
Response: 64448619
Conc: 11.92 ng/ml



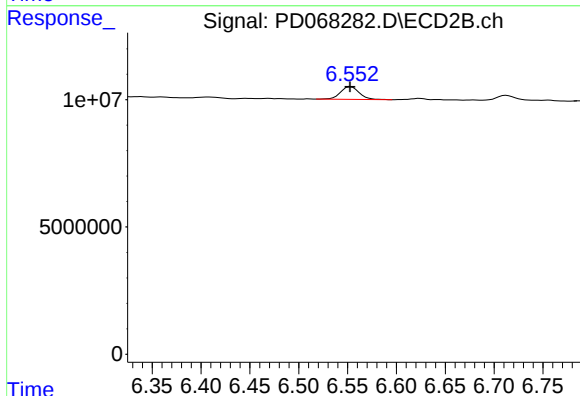
#12 4,4'-DDE

R.T.: 5.617 min
Delta R.T.: 0.000 min
Response: 625286
Conc: 0.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

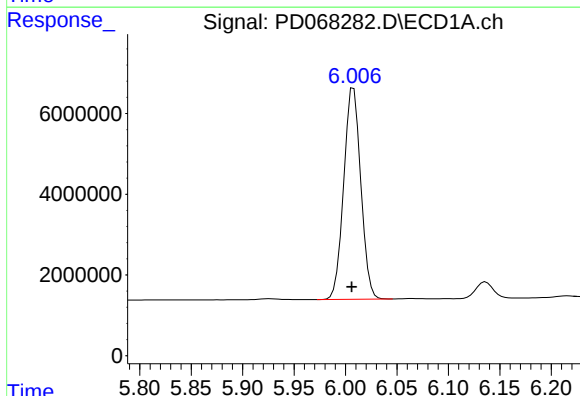
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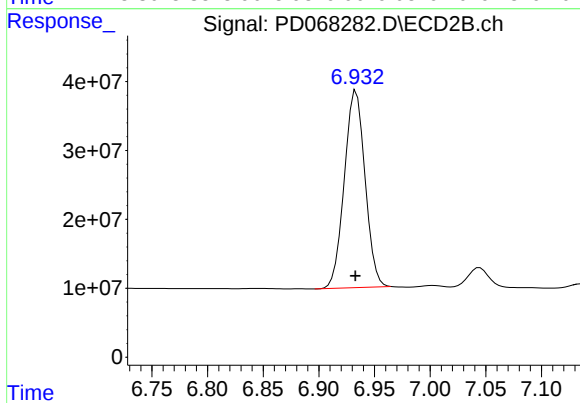
#12 4,4'-DDE

R.T.: 6.553 min
Delta R.T.: 0.000 min
Response: 6711829
Conc: 0.69 ng/ml



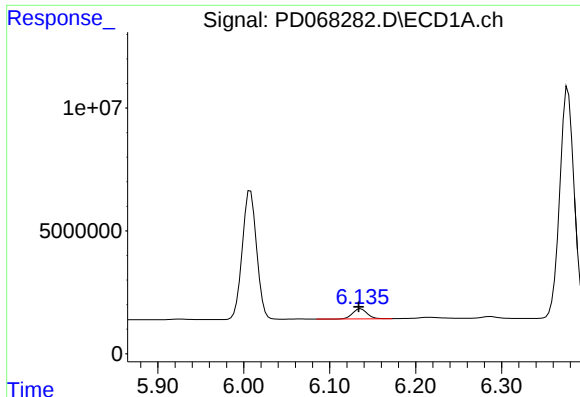
#14 Endrin

R.T.: 6.008 min
Delta R.T.: 0.002 min
Response: 60494025
Conc: 48.97 ng/ml



#14 Endrin

R.T.: 6.934 min
Delta R.T.: 0.000 min
Response: 370804148
Conc: 48.22 ng/ml



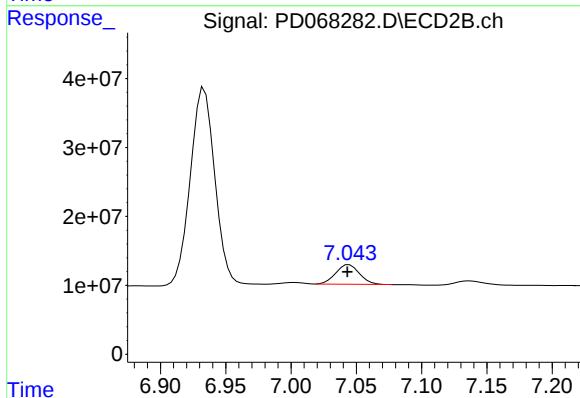
#16 4,4'-DDD

R.T.: 6.136 min
Delta R.T.: 0.003 min
Response: 4931554
Conc: 4.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

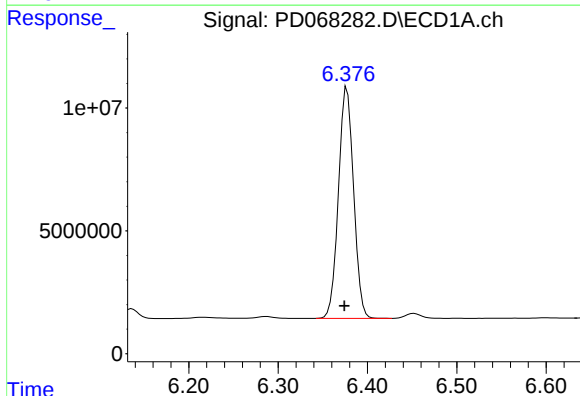
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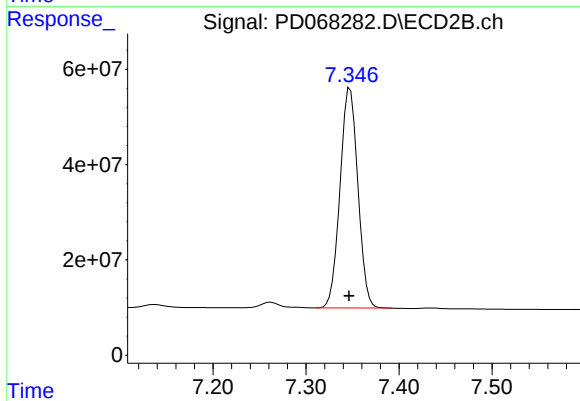
#16 4,4'-DDD

R.T.: 7.045 min
Delta R.T.: 0.001 min
Response: 36231325
Conc: 4.60 ng/ml



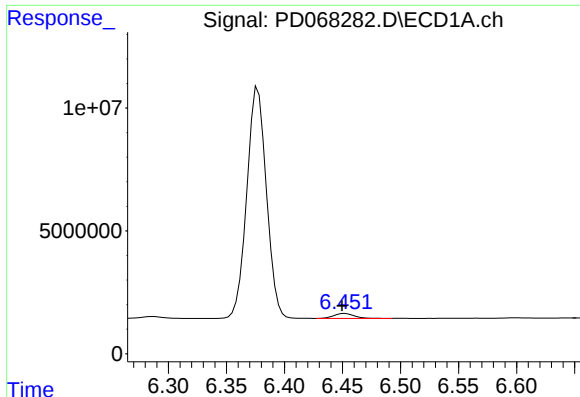
#17 4,4'-DDT

R.T.: 6.377 min
Delta R.T.: 0.003 min
Response: 110734574
Conc: 100.41 ng/ml



#17 4,4'-DDT

R.T.: 7.348 min
Delta R.T.: 0.001 min
Response: 616960857
Conc: 87.20 ng/ml



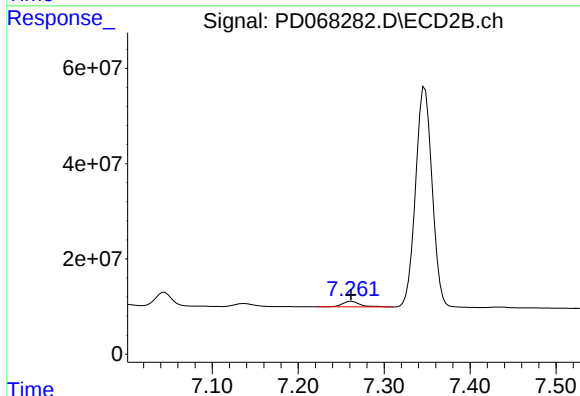
#18 Endrin aldehyde

R.T.: 6.452 min
Delta R.T.: 0.002 min
Response: 2403194
Conc: 2.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

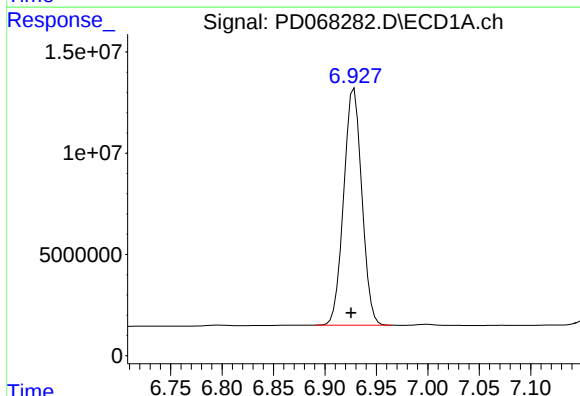
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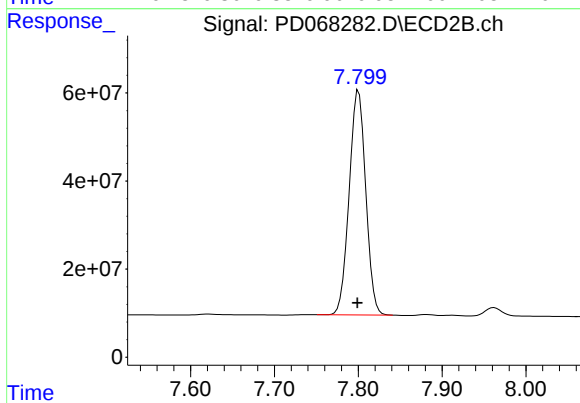
#18 Endrin aldehyde

R.T.: 7.262 min
Delta R.T.: 0.000 min
Response: 16907468
Conc: 2.81 ng/ml



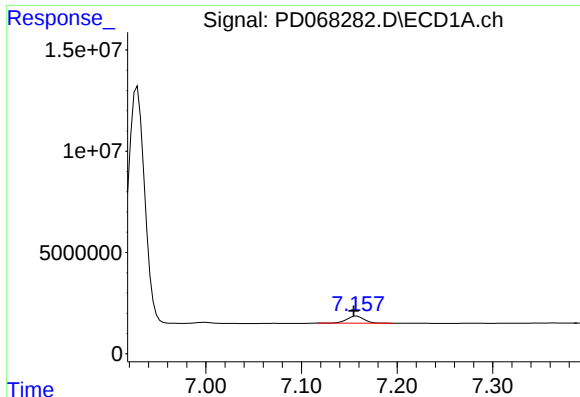
#20 Methoxychlor

R.T.: 6.928 min
Delta R.T.: 0.003 min
Response: 143615080
Conc: 221.32 ng/ml



#20 Methoxychlor

R.T.: 7.801 min
Delta R.T.: 0.002 min
Response: 702452213
Conc: 202.18 ng/ml



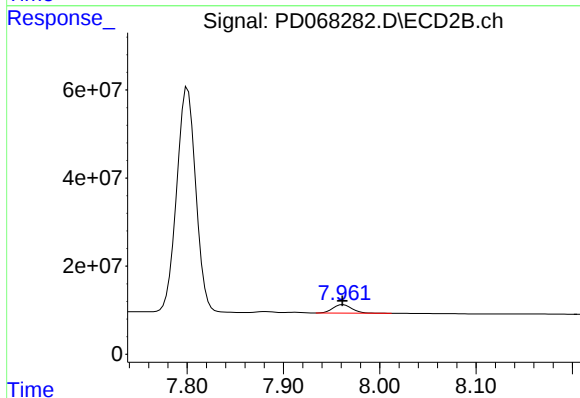
#21 Endrin ketone

R.T.: 7.158 min
Delta R.T.: 0.003 min
Response: 4369518
Conc: 2.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

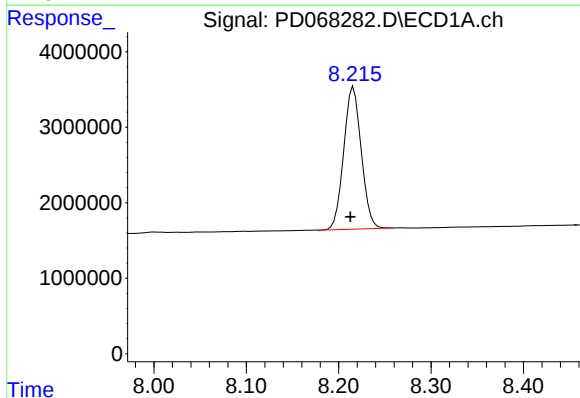
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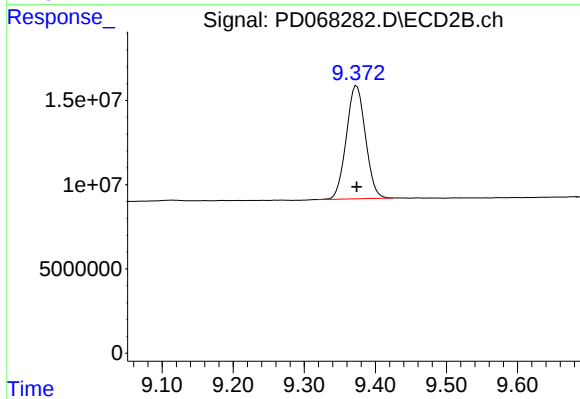
#21 Endrin ketone

R.T.: 7.962 min
Delta R.T.: 0.000 min
Response: 26609708
Conc: 3.17 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.216 min
Delta R.T.: 0.003 min
Response: 24834993
Conc: 21.34 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.374 min
Delta R.T.: 0.000 min
Response: 125311595
Conc: 21.14 ng/ml