

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090721\
 Data File : PD065572.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Sep 2021 09:04
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 07 15:31:12 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD090421.M
 Quant Title : GC Extractables
 QLast Update : Sat Sep 04 01:23:47 2021
 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...	3.496	4.014	20222414	162.6E6	20.635	22.181
28)	SA Decachlor...	8.239	9.086	33144707	107.2E6	19.225	20.099
Target Compounds							
2)	A alpha-BHC	3.935	4.408	14127936	120.3E6	9.806	11.372
3)	MA gamma-BHC...	4.218	4.695	14301828	111.0E6	9.908	11.268
6)	B beta-BHC	4.466	4.871	8544690	54634399	6.719	11.736 #
12)	B 4,4'-DDE	5.650	6.356	288284	1785039	0.202m	0.247m
14)	MA Endrin	6.046	6.729	66237496	307.4E6	48.173	51.539
16)	A 4,4'-DDD	6.168	6.851	1257566	9598542	0.986	1.538 #
17)	MA 4,4'-DDT	6.407	7.149	136.6E6	579.2E6	99.257	95.090
18)	B Endrin al...	6.483	7.065	1155280	3843971	0.916m	0.704m
20)	A Methoxychlor	6.954	7.608	182.3E6	641.9E6	217.364	197.205
21)	B Endrin ke...	7.191	7.762	4157437	15124732	2.236	1.999

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

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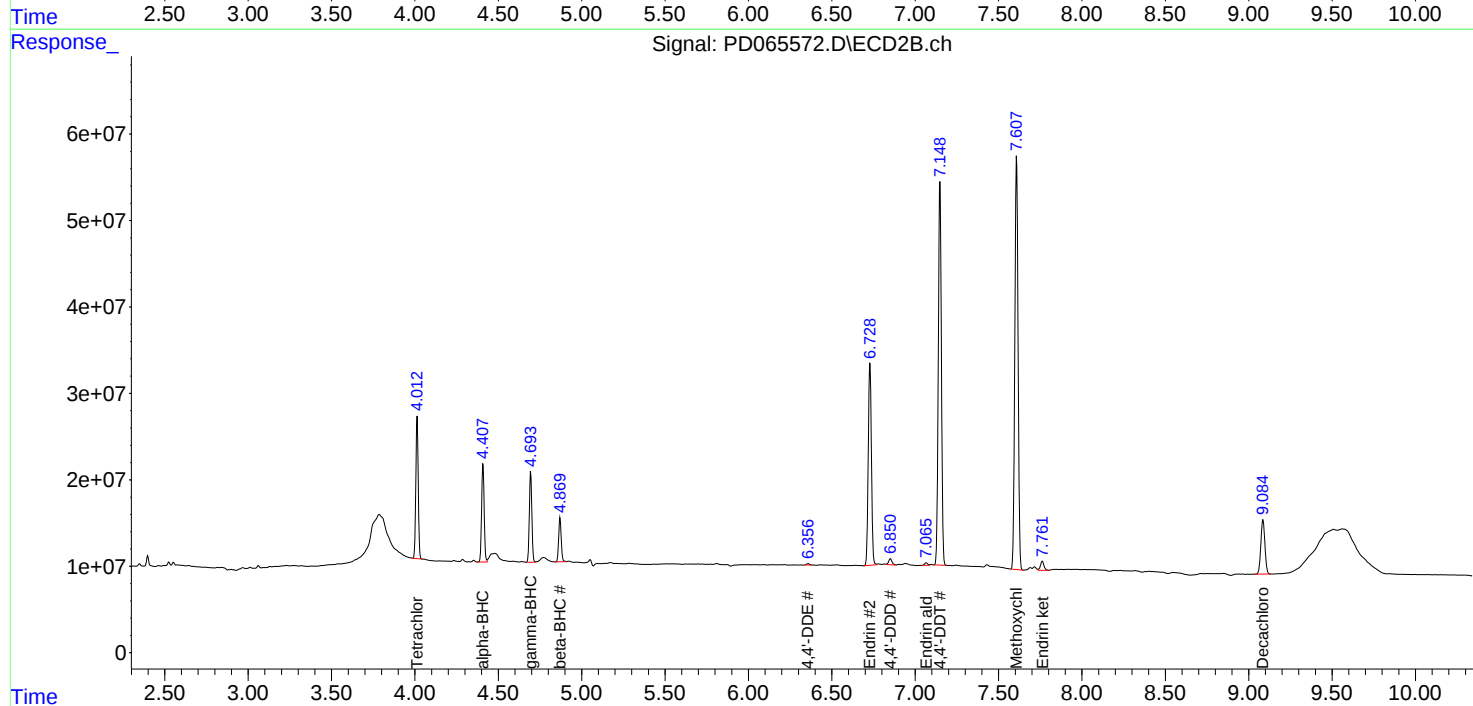
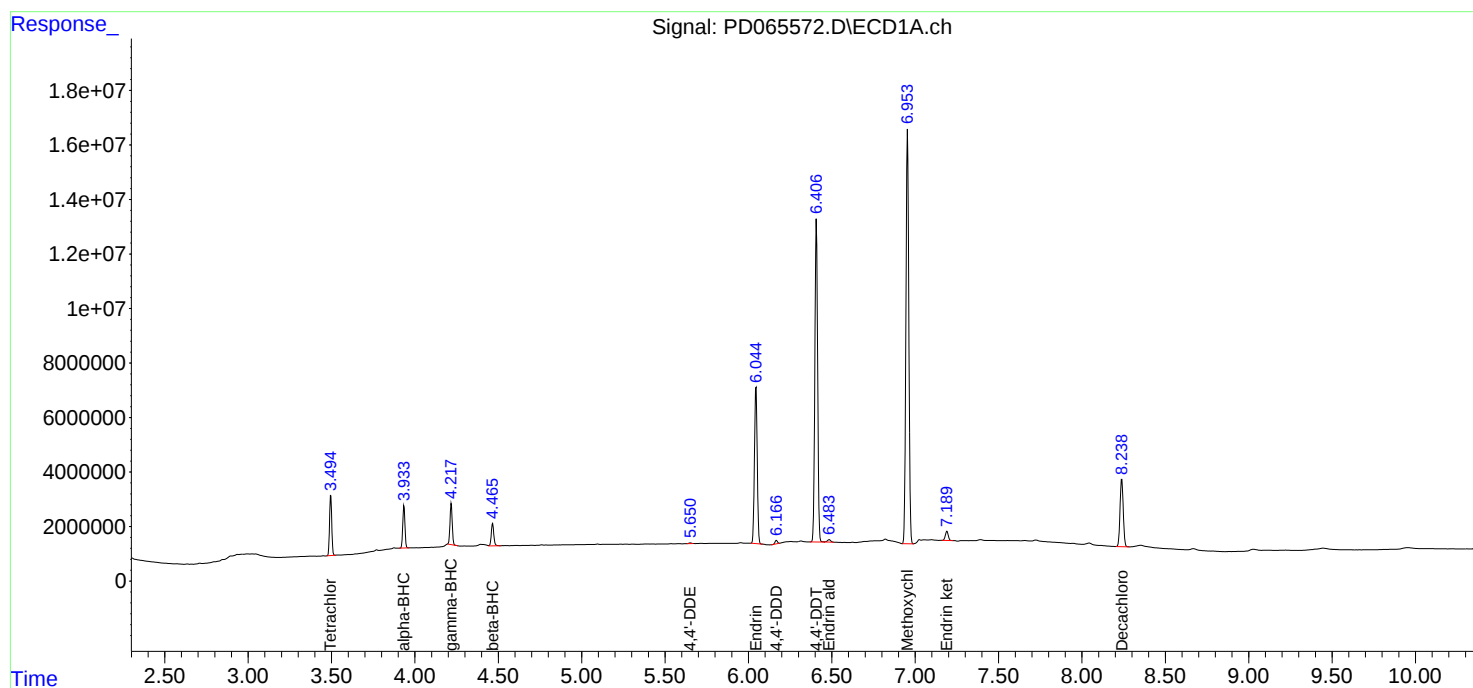
Instrument :
ECD_D
ClientSampleId :
PEM

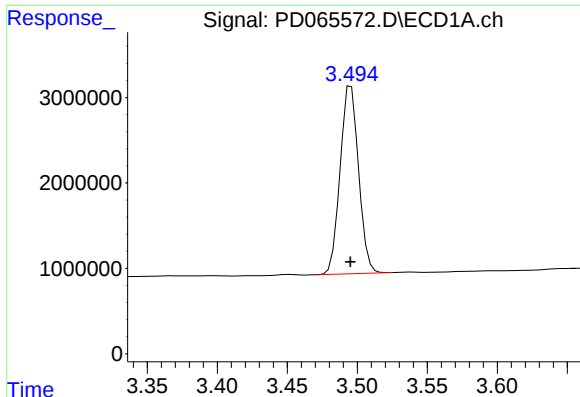
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Integration File signal 1: autoint1.e
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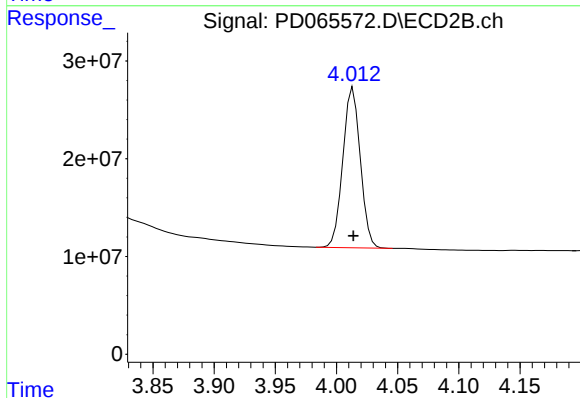
#1 Tetrachloro-m-xylene

R.T.: 3.496 min
Delta R.T.: 0.000 min
Response: 20222414
Conc: 20.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

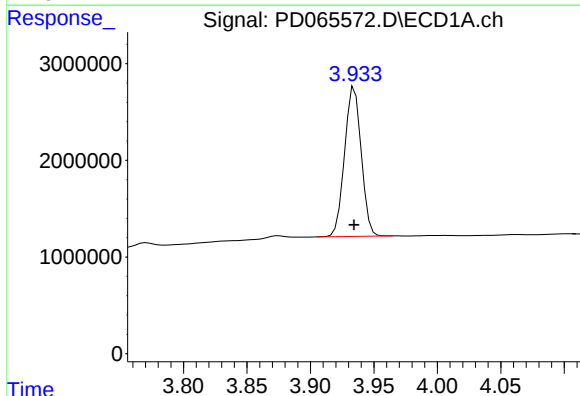
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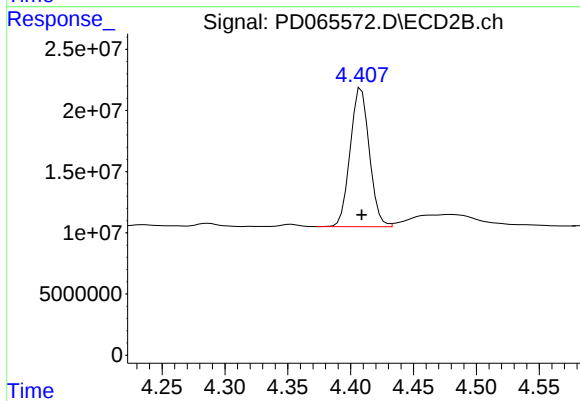
#1 Tetrachloro-m-xylene

R.T.: 4.014 min
Delta R.T.: 0.000 min
Response: 162570001
Conc: 22.18 ng/ml



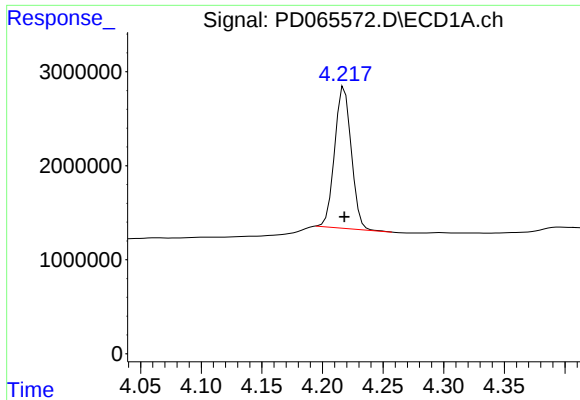
#2 alpha-BHC

R.T.: 3.935 min
Delta R.T.: 0.000 min
Response: 14127936
Conc: 9.81 ng/ml



#2 alpha-BHC

R.T.: 4.408 min
Delta R.T.: 0.000 min
Response: 120298826
Conc: 11.37 ng/ml



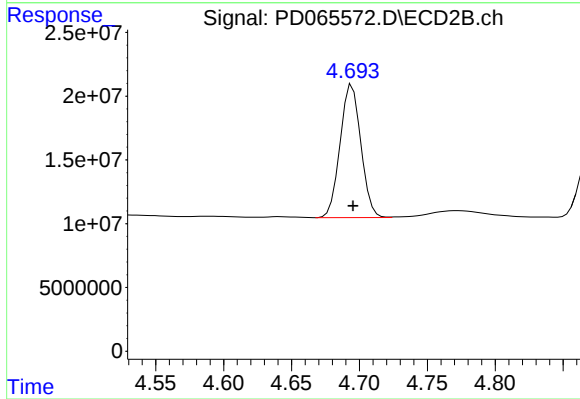
#3 gamma-BHC (Lindane)

R.T.: 4.218 min
Delta R.T.: 0.000 min
Response: 14301828
Conc: 9.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

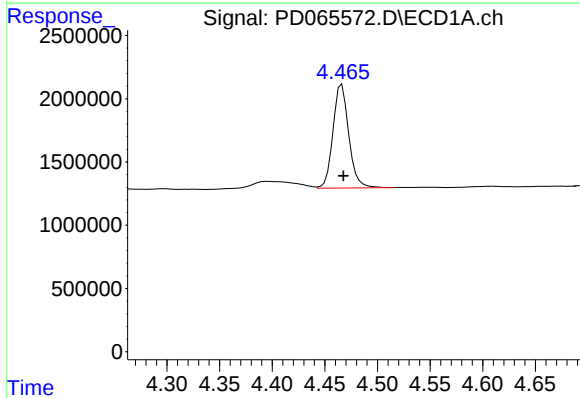
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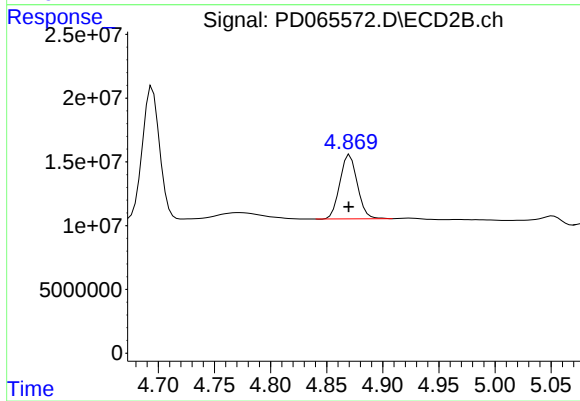
#3 gamma-BHC (Lindane)

R.T.: 4.695 min
Delta R.T.: 0.000 min
Response: 111037924
Conc: 11.27 ng/ml



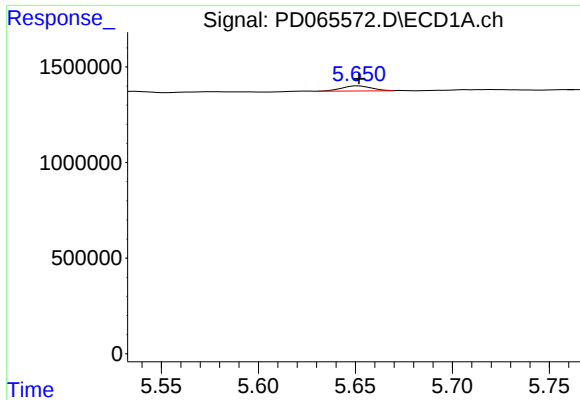
#6 beta-BHC

R.T.: 4.466 min
Delta R.T.: -0.001 min
Response: 8544690
Conc: 6.72 ng/ml



#6 beta-BHC

R.T.: 4.871 min
Delta R.T.: 0.000 min
Response: 54634399
Conc: 11.74 ng/ml



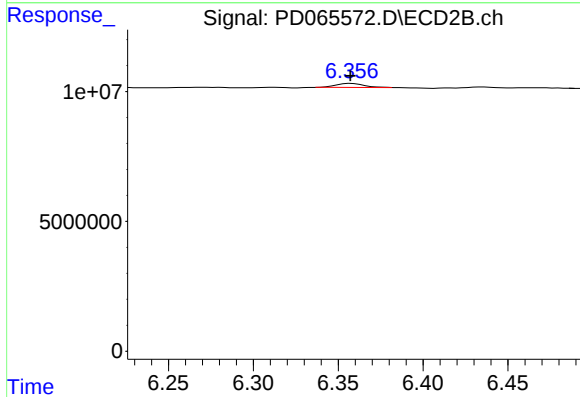
#12 4,4'-DDE

R.T.: 5.650 min
Delta R.T.: -0.002 min
Response: 288284
Conc: 0.20 ng/ml m

Instrument :
ECD_D
ClientSampleId :
PEM

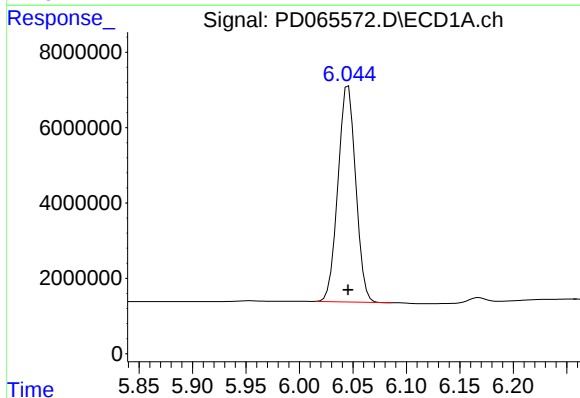
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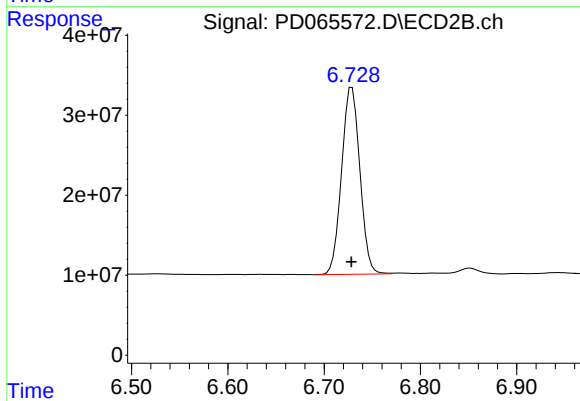
#12 4,4'-DDE

R.T.: 6.356 min
Delta R.T.: 0.000 min
Response: 1785039
Conc: 0.25 ng/ml m



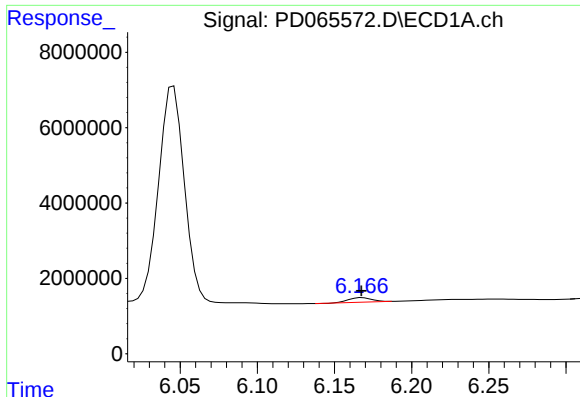
#14 Endrin

R.T.: 6.046 min
Delta R.T.: 0.000 min
Response: 66237496
Conc: 48.17 ng/ml



#14 Endrin

R.T.: 6.729 min
Delta R.T.: 0.000 min
Response: 307444709
Conc: 51.54 ng/ml



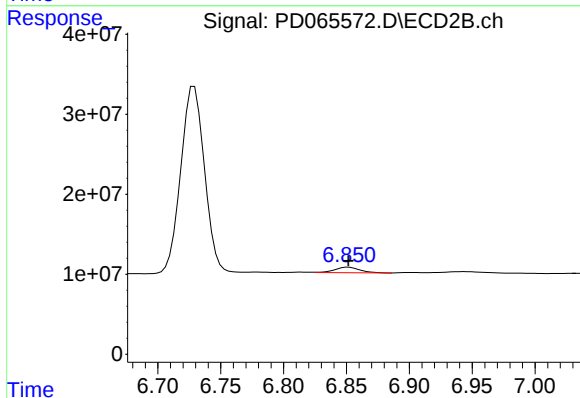
#16 4,4'-DDD

R.T.: 6.168 min
Delta R.T.: 0.000 min
Response: 1257566
Conc: 0.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

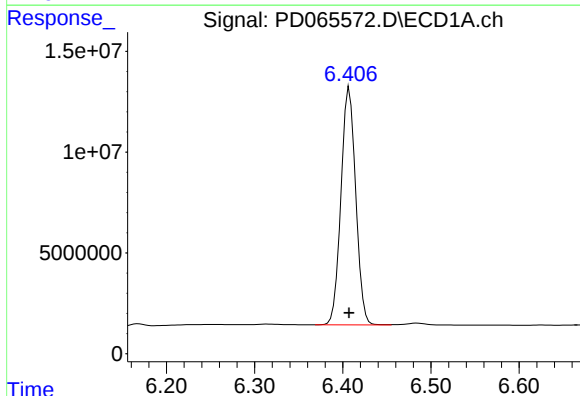
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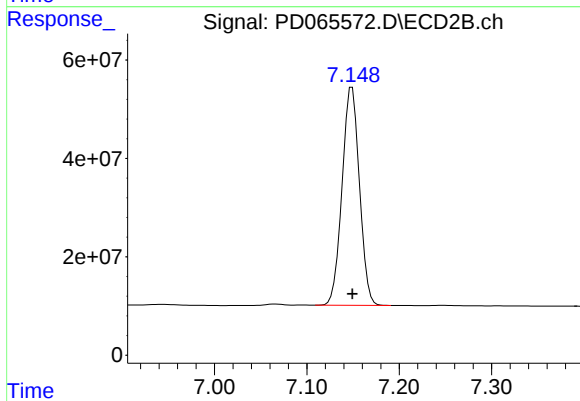
#16 4,4'-DDD

R.T.: 6.851 min
Delta R.T.: 0.000 min
Response: 9598542
Conc: 1.54 ng/ml



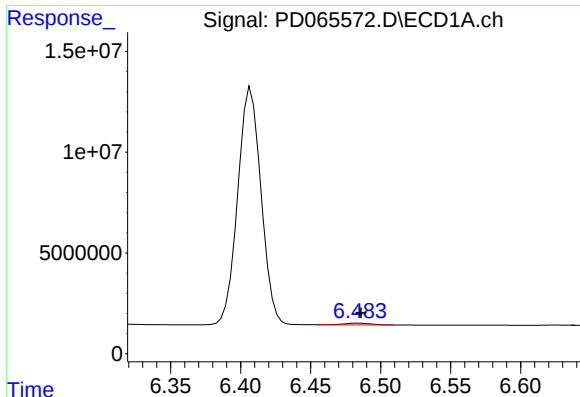
#17 4,4'-DDT

R.T.: 6.407 min
Delta R.T.: 0.000 min
Response: 136616572
Conc: 99.26 ng/ml



#17 4,4'-DDT

R.T.: 7.149 min
Delta R.T.: 0.000 min
Response: 579223434
Conc: 95.09 ng/ml



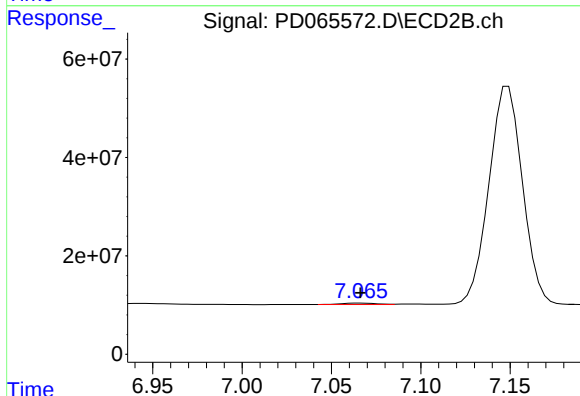
#18 Endrin aldehyde

R.T.: 6.483 min
Delta R.T.: -0.003 min
Response: 1155280
Conc: 0.92 ng/ml m

Instrument :
ECD_D
ClientSampleId :
PEM

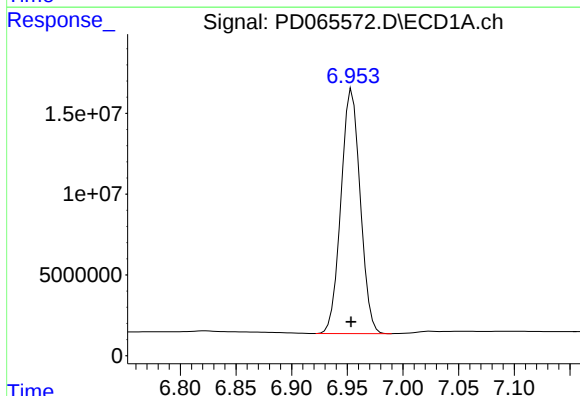
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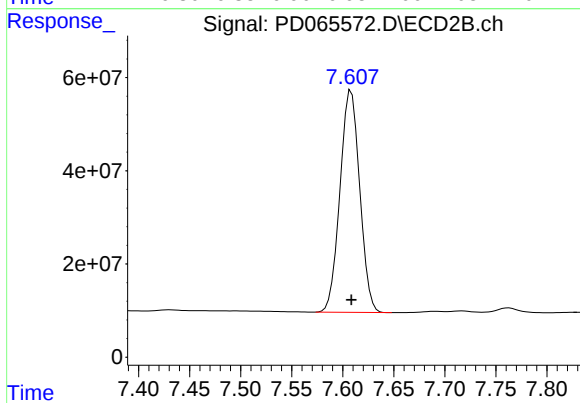
#18 Endrin aldehyde

R.T.: 7.065 min
Delta R.T.: -0.001 min
Response: 3843971
Conc: 0.70 ng/ml m



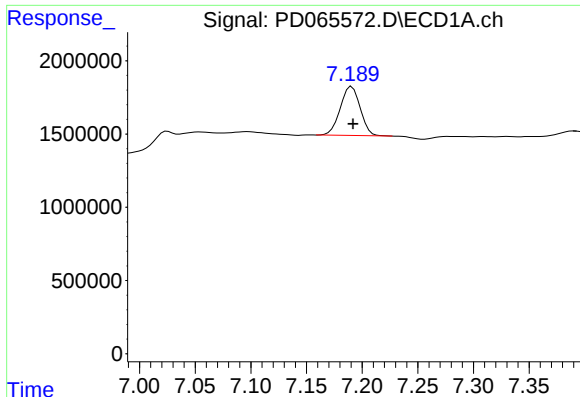
#20 Methoxychlor

R.T.: 6.954 min
Delta R.T.: 0.000 min
Response: 182264614
Conc: 217.36 ng/ml



#20 Methoxychlor

R.T.: 7.608 min
Delta R.T.: 0.000 min
Response: 641907128
Conc: 197.21 ng/ml



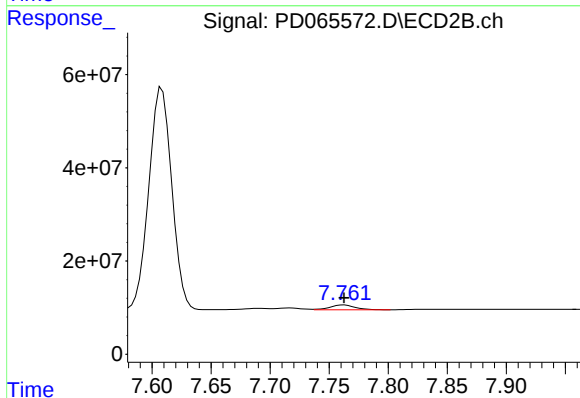
#21 Endrin ketone

R.T.: 7.191 min
Delta R.T.: -0.001 min
Response: 4157437
Conc: 2.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

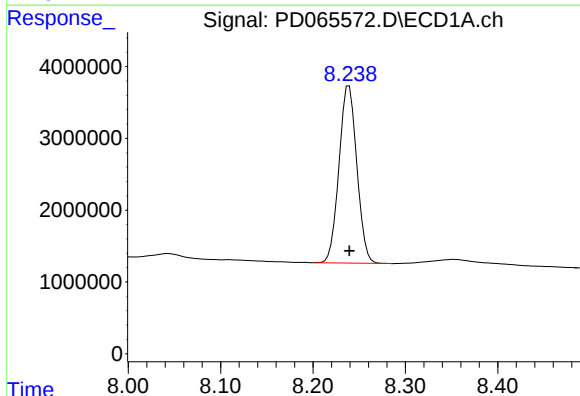
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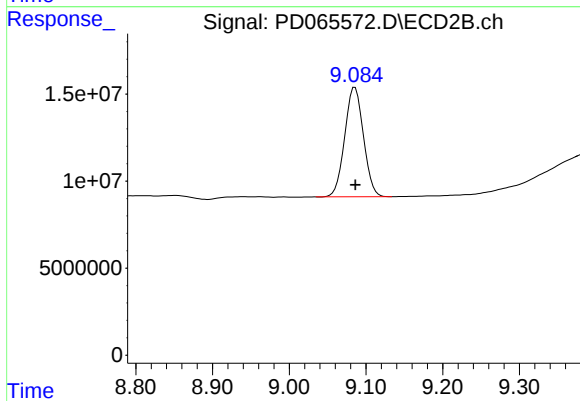
#21 Endrin ketone

R.T.: 7.762 min
Delta R.T.: 0.000 min
Response: 15124732
Conc: 2.00 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.239 min
Delta R.T.: 0.000 min
Response: 33144707
Conc: 19.22 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.086 min
Delta R.T.: 0.000 min
Response: 107247161
Conc: 20.10 ng/ml