

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD040122\
 Data File : PD068846.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Mar 2022 09:24
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/31/2022
 Supervised By : mohammad ahmed 04/01/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 31 02:45:03 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031222.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 14 03:30:32 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...	3.446	4.172	25397810	224.1E6	20.918	23.440
28)	SA Decachlor...	8.203	9.365	27698358	138.1E6	21.924	24.379
Target Compounds							
2)	A alpha-BHC	3.885	4.568	17700192	165.1E6	9.776	11.996
3)	MA gamma-BHC...	4.168	4.859	16392646	150.1E6	9.817	12.008
6)	B beta-BHC	4.419	5.021	8557721	70273244	11.494	12.801
12)	B 4,4'-DDE	5.608	6.547	722689	8182310	0.528m	0.883 #
14)	MA Endrin	5.999	6.927	65585713	404.8E6	49.787	52.320
16)	A 4,4'-DDD	6.126	7.038	5375022	43651310	4.558	5.911 #
17)	MA 4,4'-DDT	6.367	7.341	117.3E6	702.1E6	97.570	95.562
18)	B Endrin al...	6.442	7.256	2514047	18134400	2.532	2.997
20)	A Methoxychlor	6.917	7.794	149.6E6	793.0E6	215.832	217.536
21)	B Endrin ke...	7.148	7.956	5006518	30953374	3.401	3.995

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

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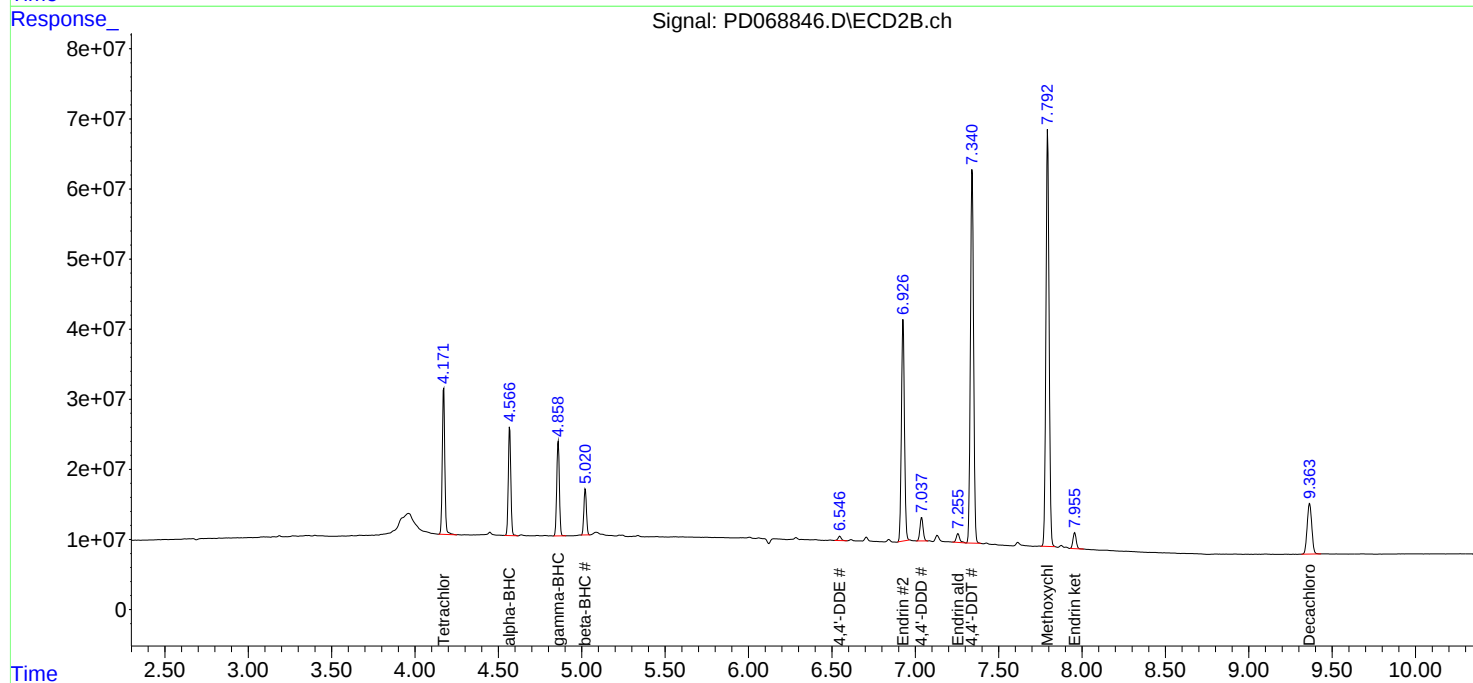
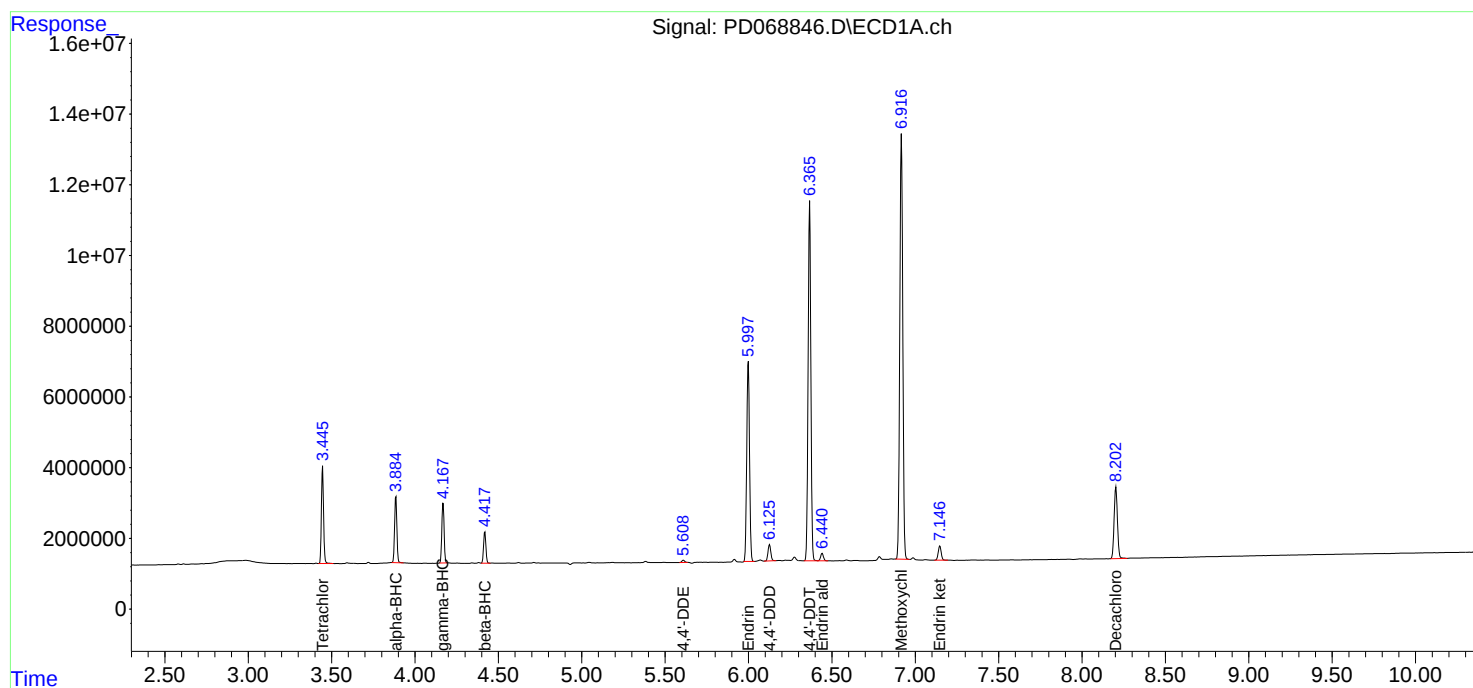
Instrument :
 ECD_D
 ClientSampleId :
 PEM

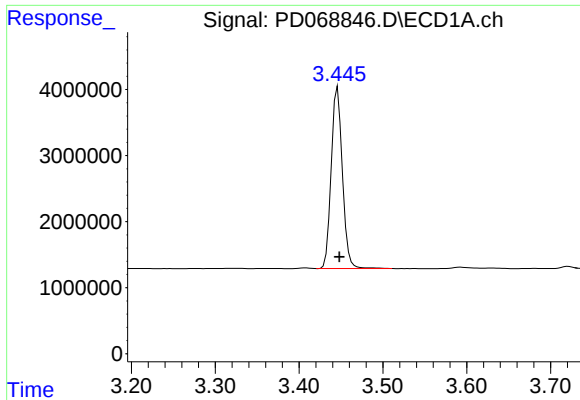
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Integration File signal 1: autoint1.e
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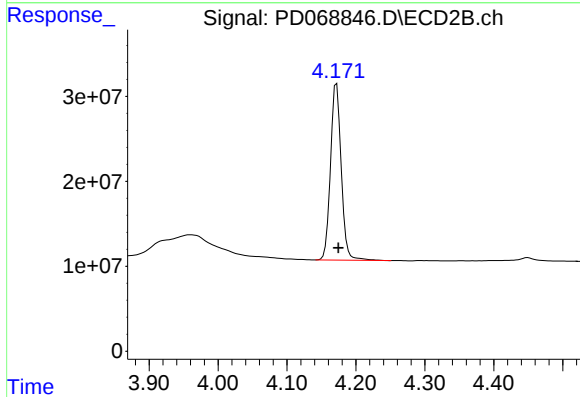
#1 Tetrachloro-m-xylene

R.T.: 3.446 min
Delta R.T.: -0.002 min
Response: 25397810
Conc: 20.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

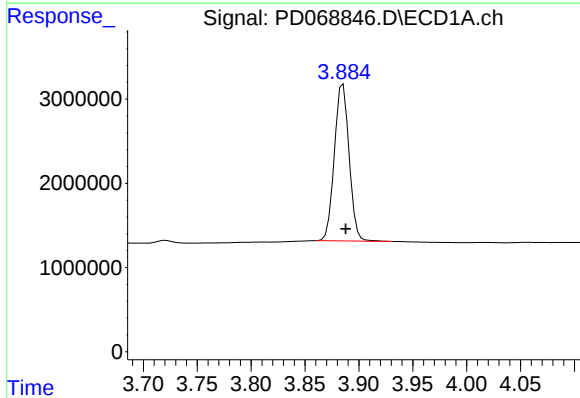
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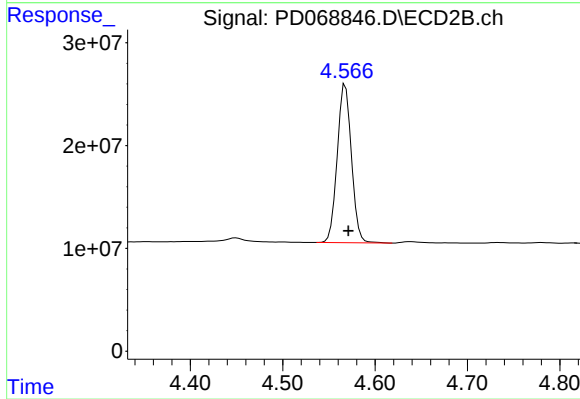
#1 Tetrachloro-m-xylene

R.T.: 4.172 min
Delta R.T.: -0.003 min
Response: 224105123
Conc: 23.44 ng/ml



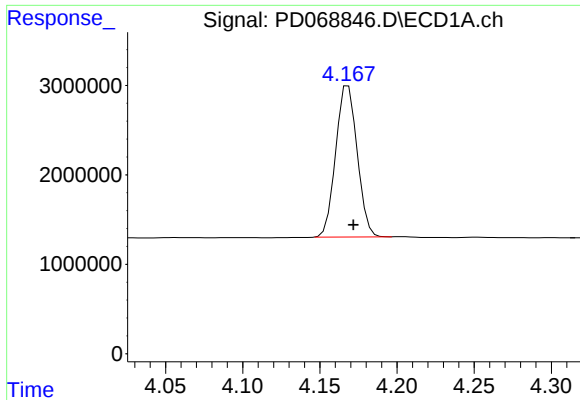
#2 alpha-BHC

R.T.: 3.885 min
Delta R.T.: -0.002 min
Response: 17700192
Conc: 9.78 ng/ml



#2 alpha-BHC

R.T.: 4.568 min
Delta R.T.: -0.003 min
Response: 165100494
Conc: 12.00 ng/ml



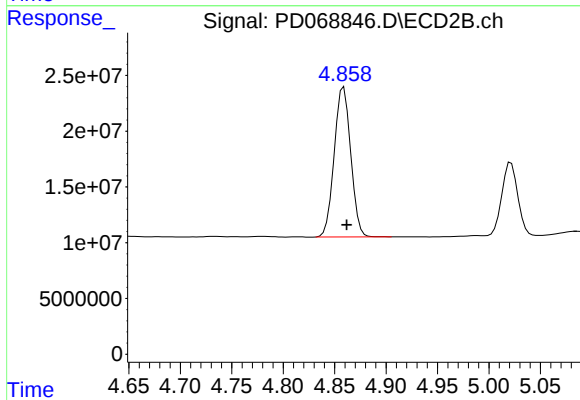
#3 gamma-BHC (Lindane)

R.T.: 4.168 min
Delta R.T.: -0.003 min
Response: 16392646
Conc: 9.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

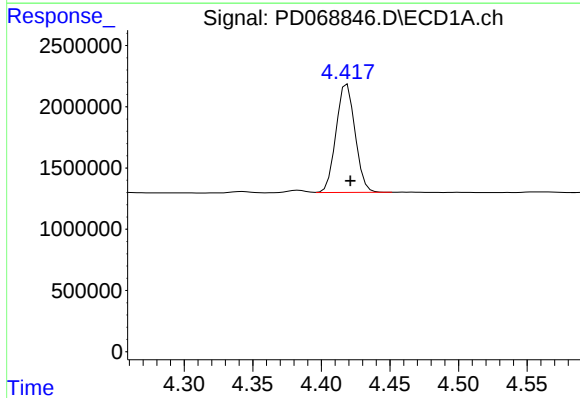
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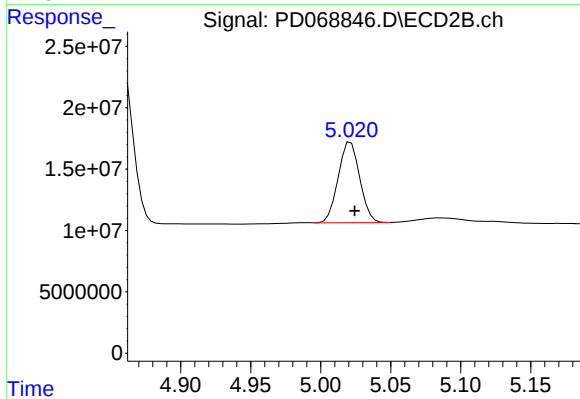
#3 gamma-BHC (Lindane)

R.T.: 4.859 min
Delta R.T.: -0.003 min
Response: 150134907
Conc: 12.01 ng/ml



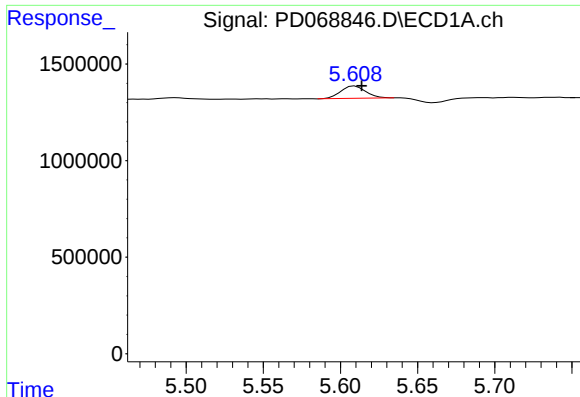
#6 beta-BHC

R.T.: 4.419 min
Delta R.T.: -0.002 min
Response: 8557721
Conc: 11.49 ng/ml



#6 beta-BHC

R.T.: 5.021 min
Delta R.T.: -0.003 min
Response: 70273244
Conc: 12.80 ng/ml



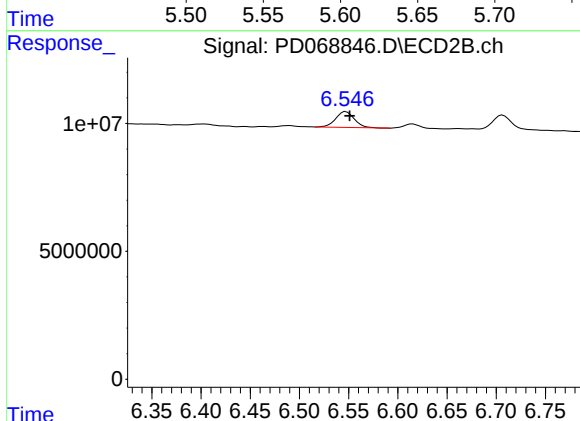
#12 4,4'-DDE

R.T.: 5.608 min
Delta R.T.: -0.006 min
Response: 722689
Conc: 0.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

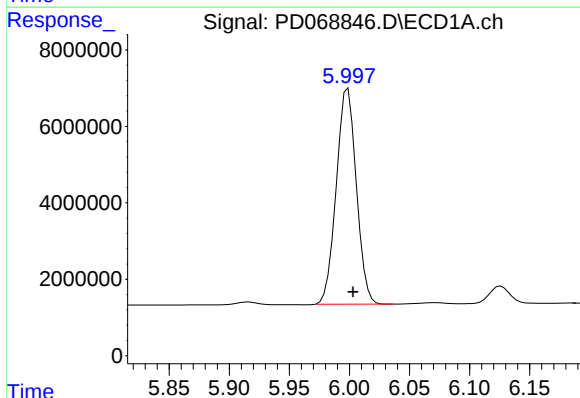
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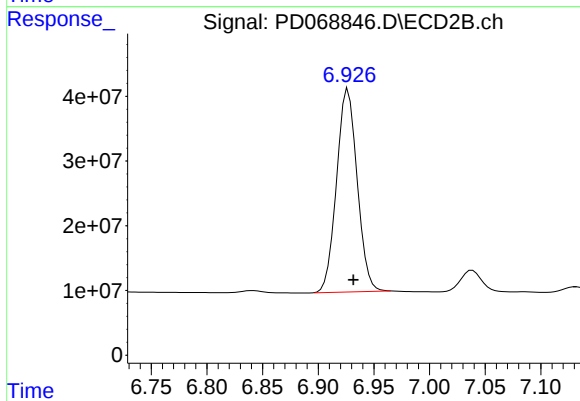
#12 4,4'-DDE

R.T.: 6.547 min
Delta R.T.: -0.004 min
Response: 8182310
Conc: 0.88 ng/ml



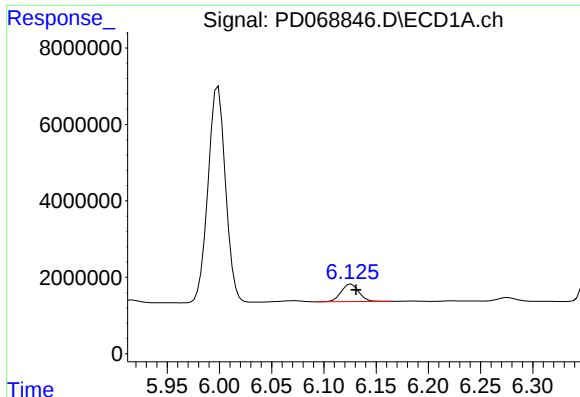
#14 Endrin

R.T.: 5.999 min
Delta R.T.: -0.004 min
Response: 65585713
Conc: 49.79 ng/ml



#14 Endrin

R.T.: 6.927 min
Delta R.T.: -0.005 min
Response: 404829816
Conc: 52.32 ng/ml



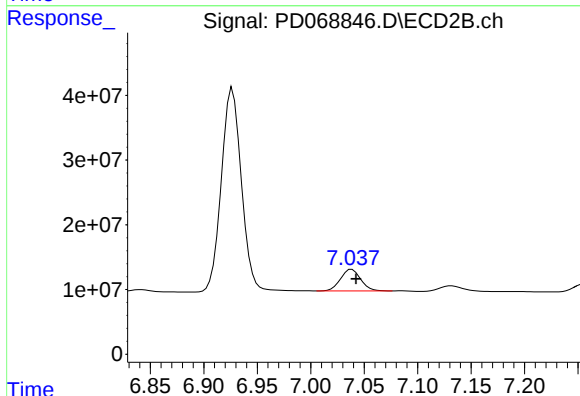
#16 4,4'-DDD

R.T.: 6.126 min
Delta R.T.: -0.005 min
Response: 5375022
Conc: 4.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

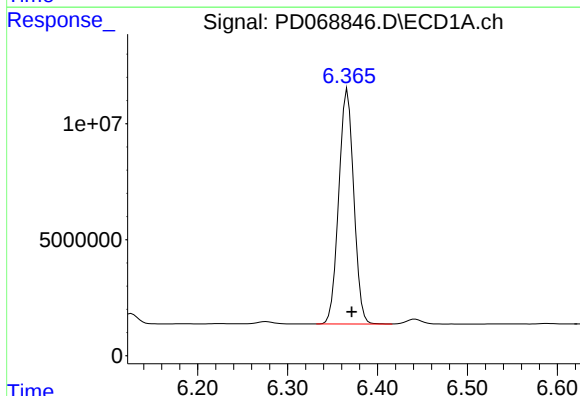
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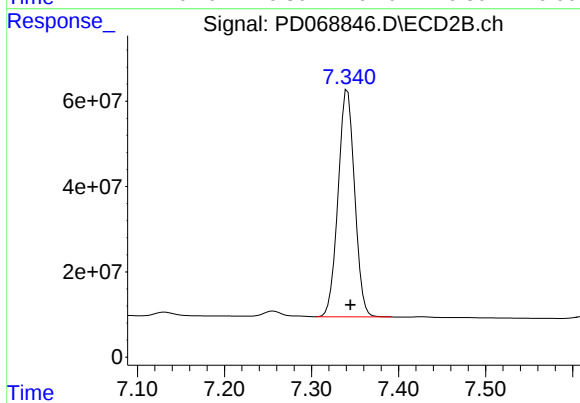
#16 4,4'-DDD

R.T.: 7.038 min
Delta R.T.: -0.004 min
Response: 43651310
Conc: 5.91 ng/ml



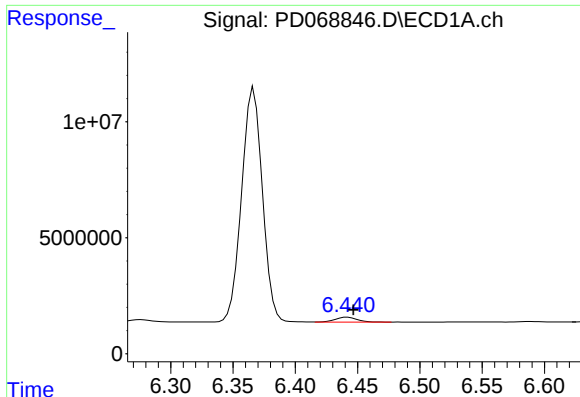
#17 4,4'-DDT

R.T.: 6.367 min
Delta R.T.: -0.004 min
Response: 117276386
Conc: 97.57 ng/ml



#17 4,4'-DDT

R.T.: 7.341 min
Delta R.T.: -0.003 min
Response: 702071517
Conc: 95.56 ng/ml



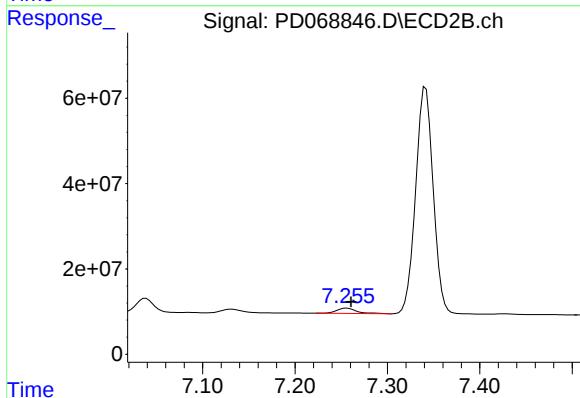
#18 Endrin aldehyde

R.T.: 6.442 min
Delta R.T.: -0.005 min
Response: 2514047
Conc: 2.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

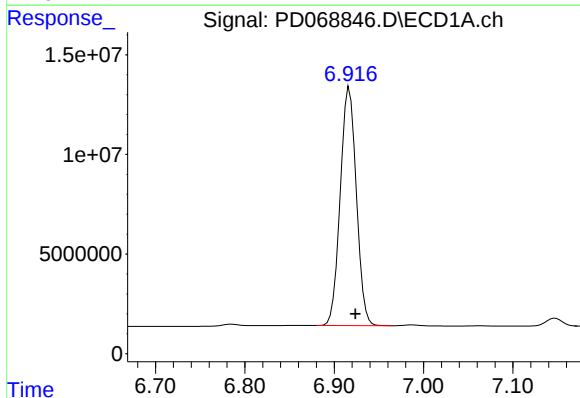
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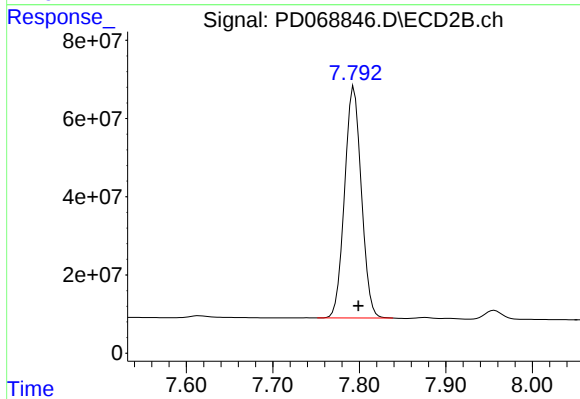
#18 Endrin aldehyde

R.T.: 7.256 min
Delta R.T.: -0.005 min
Response: 18134400
Conc: 3.00 ng/ml



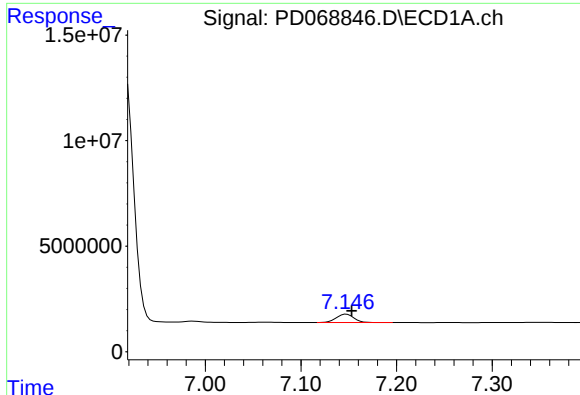
#20 Methoxychlor

R.T.: 6.917 min
Delta R.T.: -0.007 min
Response: 149577745
Conc: 215.83 ng/ml



#20 Methoxychlor

R.T.: 7.794 min
Delta R.T.: -0.005 min
Response: 792980996
Conc: 217.54 ng/ml



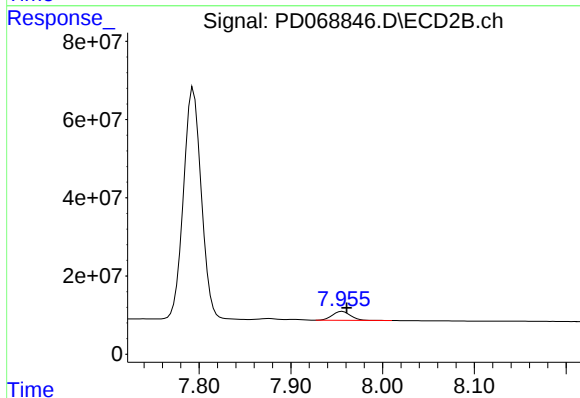
#21 Endrin ketone

R.T.: 7.148 min
Delta R.T.: -0.005 min
Response: 5006518
Conc: 3.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

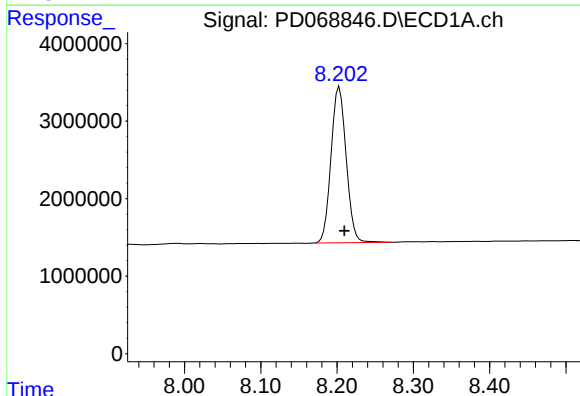
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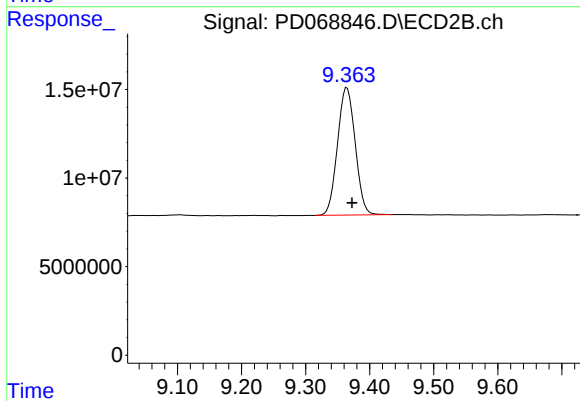
#21 Endrin ketone

R.T.: 7.956 min
Delta R.T.: -0.005 min
Response: 30953374
Conc: 3.99 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.203 min
Delta R.T.: -0.007 min
Response: 27698358
Conc: 21.92 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.365 min
Delta R.T.: -0.008 min
Response: 138148467
Conc: 24.38 ng/ml