

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD032922\
 Data File : PD068816.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Mar 2022 09:12
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/30/2022
 Supervised By : mohammad ahmed 03/30/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 30 00:58:15 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	24924489	219.2E6	20.528	22.926
28)	SA Decachlor...	8.205	9.366	26777793	130.9E6	21.195	23.104
Target Compounds							
2)	A alpha-BHC	3.885	4.568	17438470	163.0E6	9.631	11.841
3)	MA gamma-BHC...	4.168	4.859	16240354	148.0E6	9.726	11.840
6)	B beta-BHC	4.419	5.022	8475545	69257371	11.383	12.615
12)	B 4,4'-DDE	5.608	6.548	799751	8100181	0.585m	0.874 #
14)	MA Endrin	5.999	6.928	68202838	416.6E6	51.774	53.847
16)	A 4,4'-DDD	6.125	7.040	2896614	23907097	2.456m	3.237 #
17)	MA 4,4'-DDT	6.367	7.342	119.4E6	697.5E6	99.353	94.945
18)	B Endrin al...	6.443	7.256	1278230	6686046	1.288	1.105m
20)	A Methoxychlor	6.918	7.795	151.8E6	786.7E6	219.064	215.818
21)	B Endrin ke...	7.149	7.957	2666992	16458510	1.812	2.124

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

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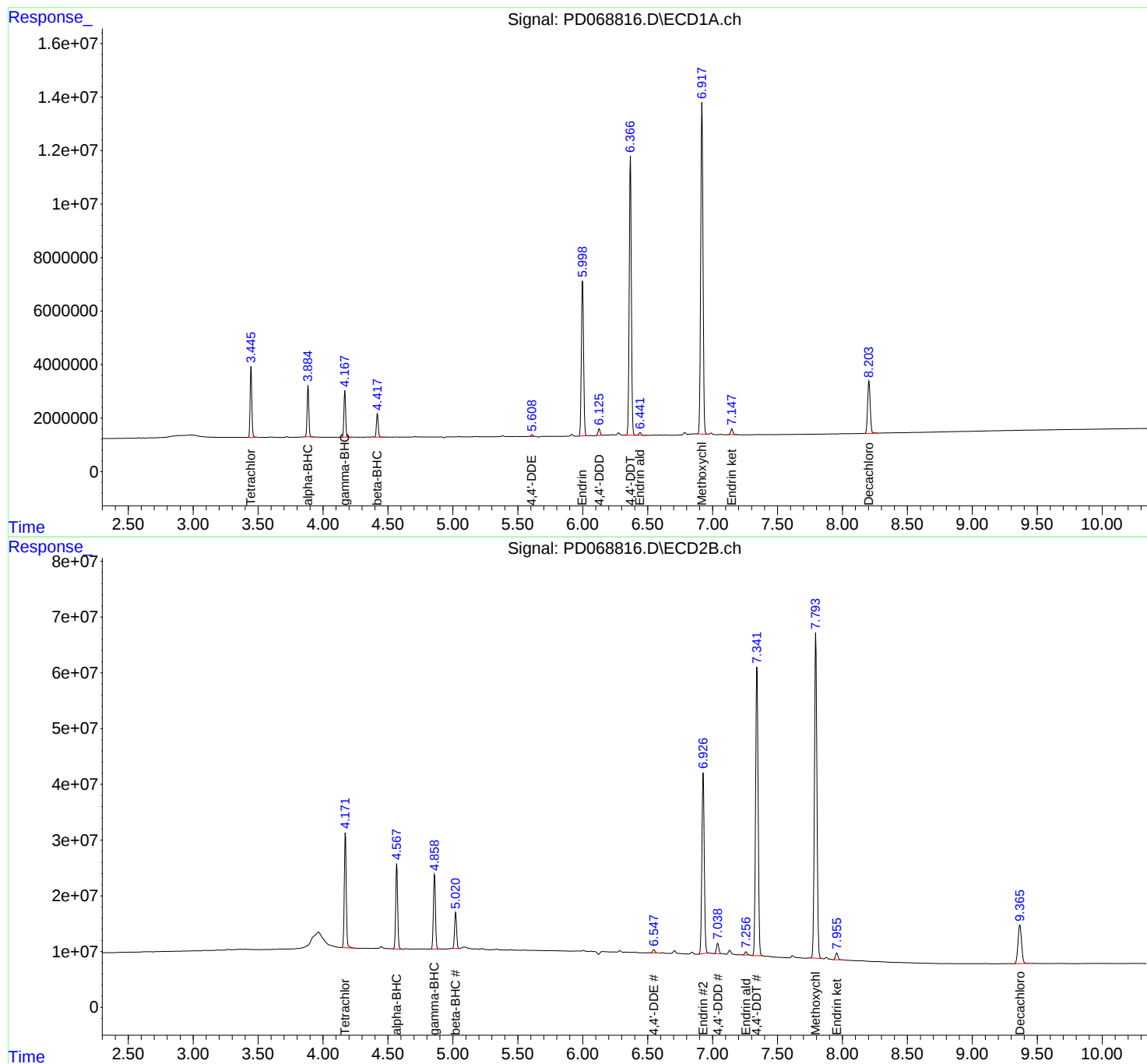
Instrument :
ECD_D
ClientSampleId :
PEM

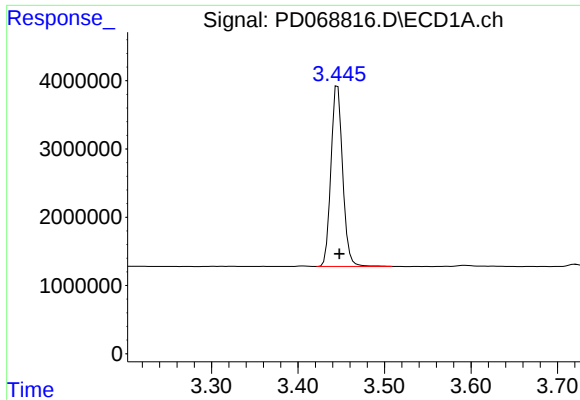
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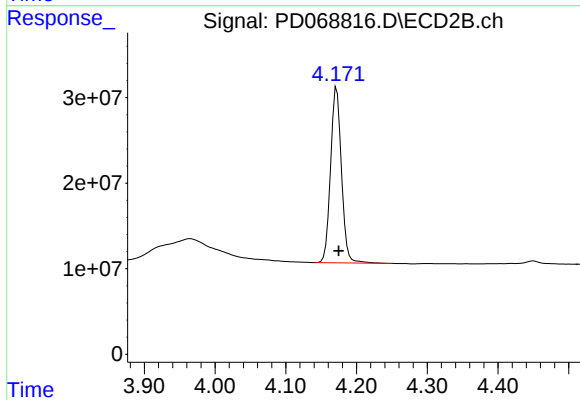
#1 Tetrachloro-m-xylene

R.T.: 3.446 min
Delta R.T.: -0.002 min
Response: 24924489
Conc: 20.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

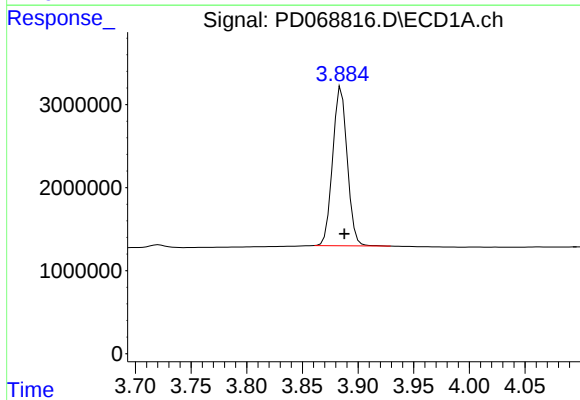
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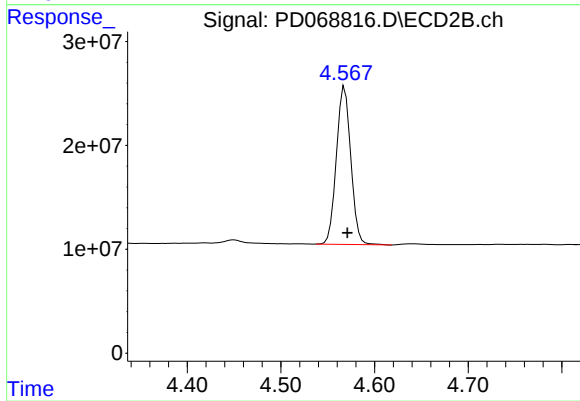
#1 Tetrachloro-m-xylene

R.T.: 4.172 min
Delta R.T.: -0.003 min
Response: 219193084
Conc: 22.93 ng/ml



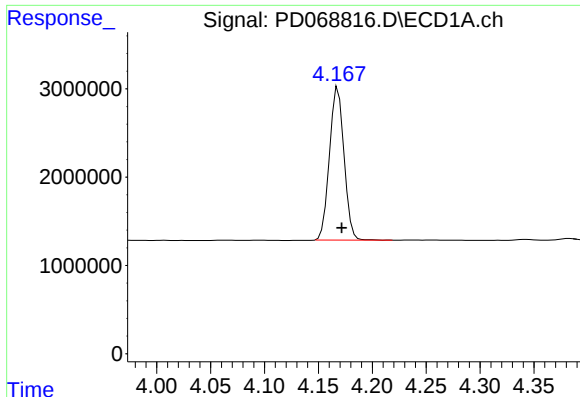
#2 alpha-BHC

R.T.: 3.885 min
Delta R.T.: -0.003 min
Response: 17438470
Conc: 9.63 ng/ml



#2 alpha-BHC

R.T.: 4.568 min
Delta R.T.: -0.003 min
Response: 162960108
Conc: 11.84 ng/ml



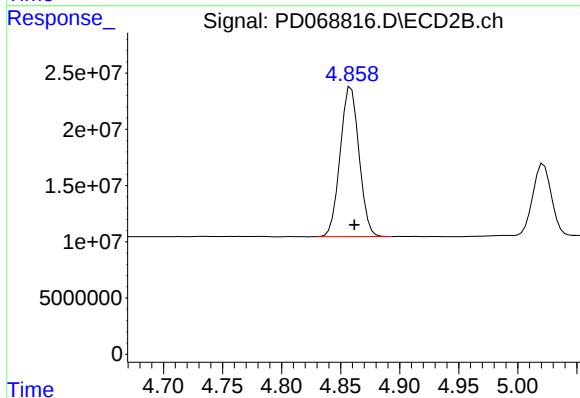
#3 gamma-BHC (Lindane)

R.T.: 4.168 min
Delta R.T.: -0.003 min
Response: 16240354
Conc: 9.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

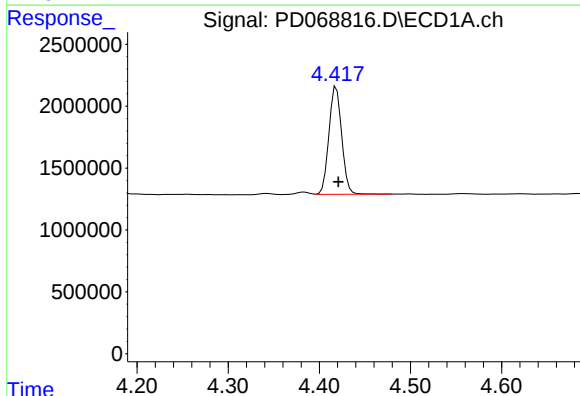
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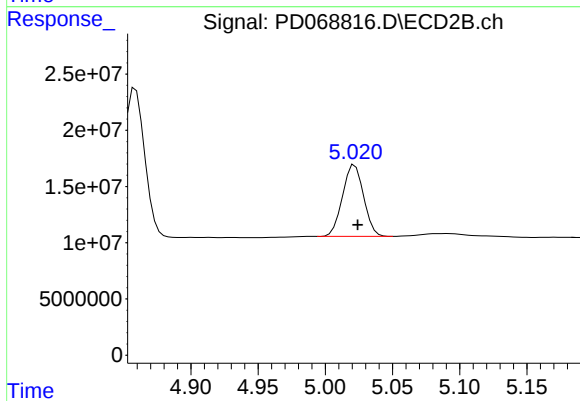
#3 gamma-BHC (Lindane)

R.T.: 4.859 min
Delta R.T.: -0.003 min
Response: 148039933
Conc: 11.84 ng/ml



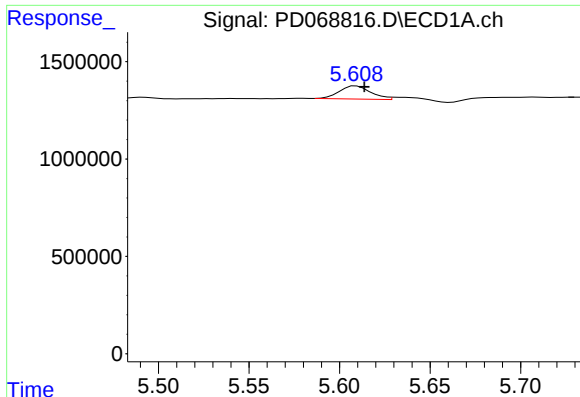
#6 beta-BHC

R.T.: 4.419 min
Delta R.T.: -0.002 min
Response: 8475545
Conc: 11.38 ng/ml



#6 beta-BHC

R.T.: 5.022 min
Delta R.T.: -0.002 min
Response: 69257371
Conc: 12.62 ng/ml



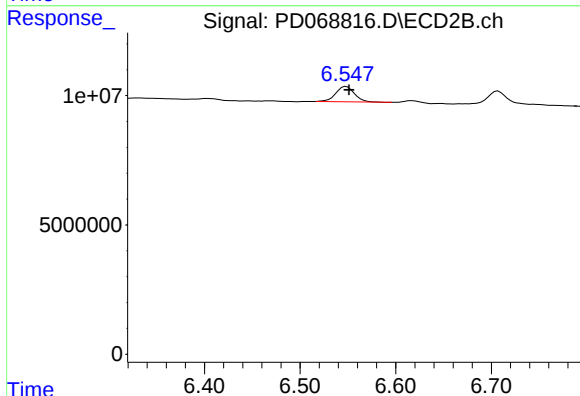
#12 4,4'-DDE

R.T.: 5.608 min
Delta R.T.: -0.006 min
Response: 799751
Conc: 0.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

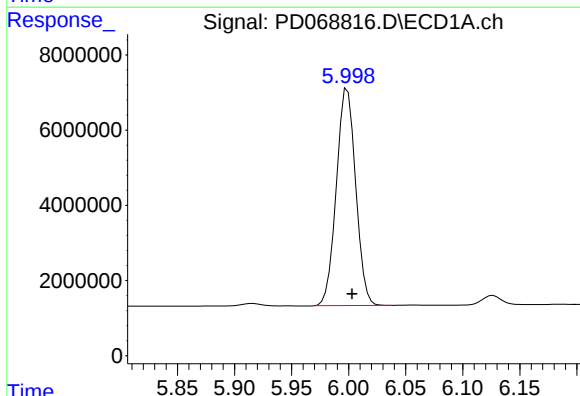
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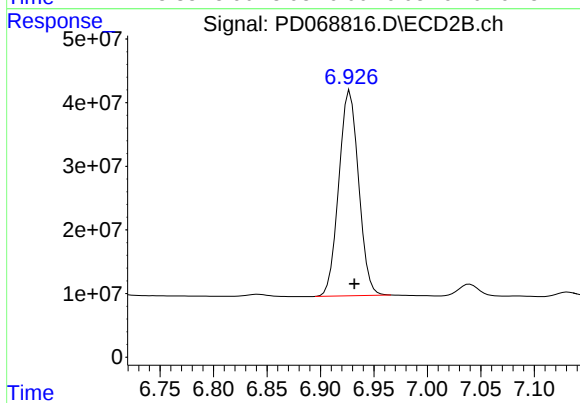
#12 4,4'-DDE

R.T.: 6.548 min
Delta R.T.: -0.003 min
Response: 8100181
Conc: 0.87 ng/ml



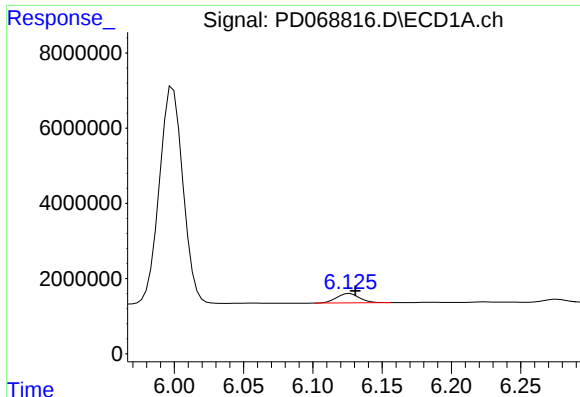
#14 Endrin

R.T.: 5.999 min
Delta R.T.: -0.004 min
Response: 68202838
Conc: 51.77 ng/ml



#14 Endrin

R.T.: 6.928 min
Delta R.T.: -0.004 min
Response: 416644802
Conc: 53.85 ng/ml



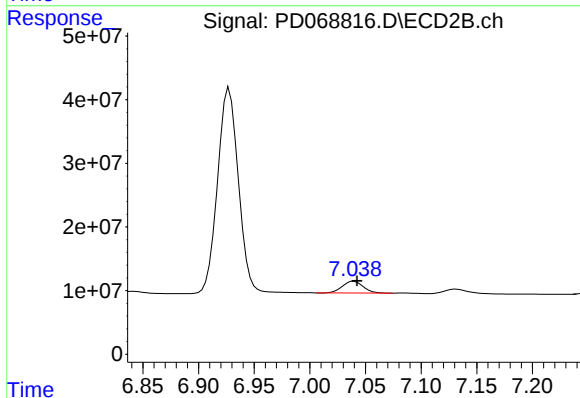
#16 4,4'-DDD

R.T.: 6.125 min
Delta R.T.: -0.005 min
Response: 2896614
Conc: 2.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

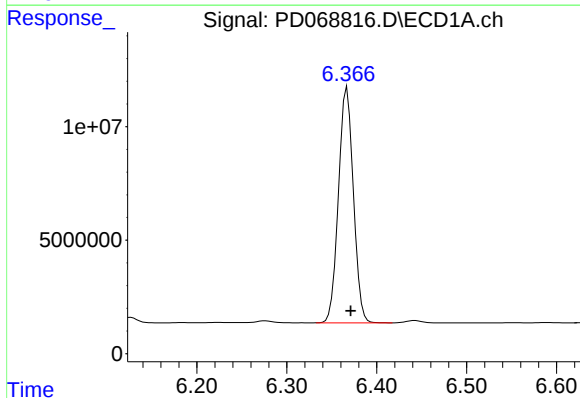
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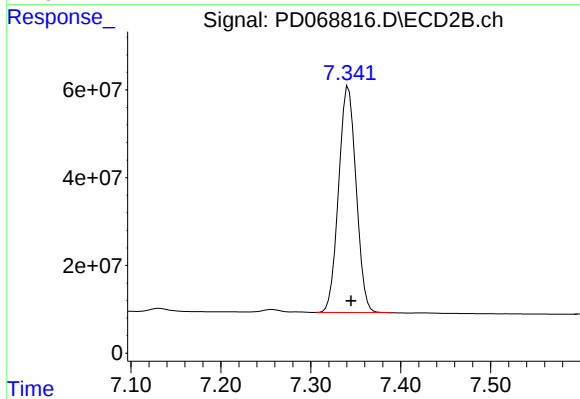
#16 4,4'-DDD

R.T.: 7.040 min
Delta R.T.: -0.003 min
Response: 23907097
Conc: 3.24 ng/ml



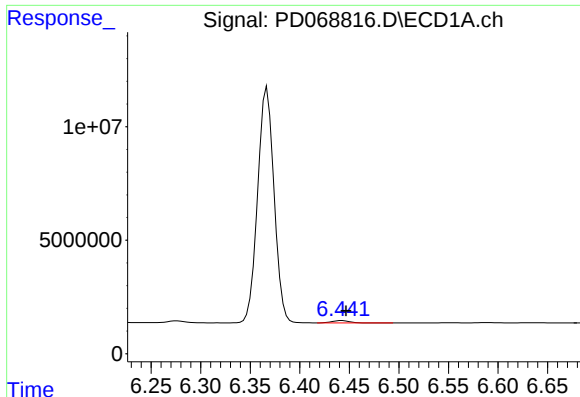
#17 4,4'-DDT

R.T.: 6.367 min
Delta R.T.: -0.004 min
Response: 119418833
Conc: 99.35 ng/ml



#17 4,4'-DDT

R.T.: 7.342 min
Delta R.T.: -0.003 min
Response: 697539311
Conc: 94.95 ng/ml



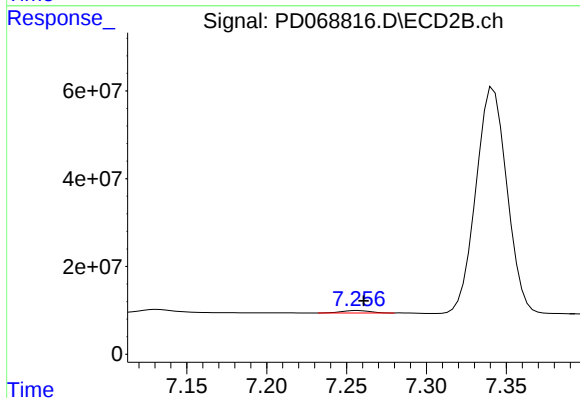
#18 Endrin aldehyde

R.T.: 6.443 min
Delta R.T.: -0.004 min
Response: 1278230
Conc: 1.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

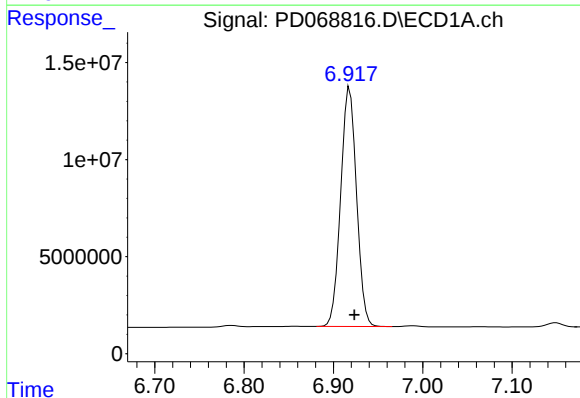
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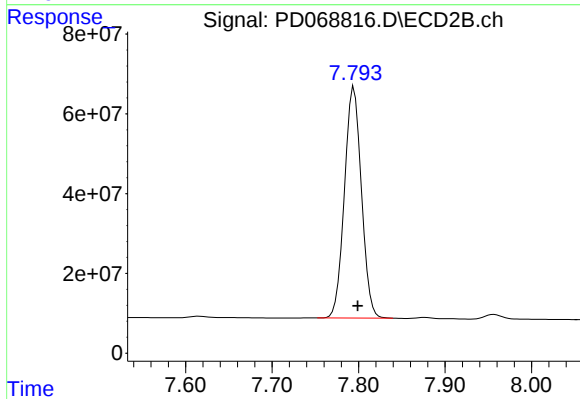
#18 Endrin aldehyde

R.T.: 7.256 min
Delta R.T.: -0.005 min
Response: 6686046
Conc: 1.10 ng/ml m



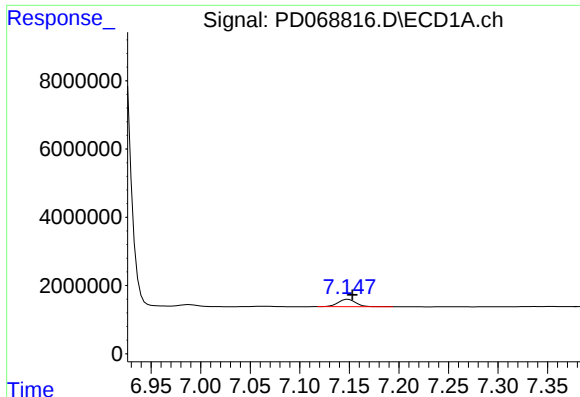
#20 Methoxychlor

R.T.: 6.918 min
Delta R.T.: -0.005 min
Response: 151817633
Conc: 219.06 ng/ml



#20 Methoxychlor

R.T.: 7.795 min
Delta R.T.: -0.004 min
Response: 786719574
Conc: 215.82 ng/ml



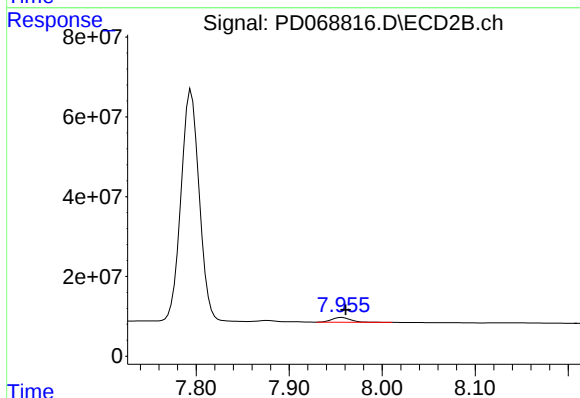
#21 Endrin ketone

R.T.: 7.149 min
Delta R.T.: -0.004 min
Response: 2666992
Conc: 1.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

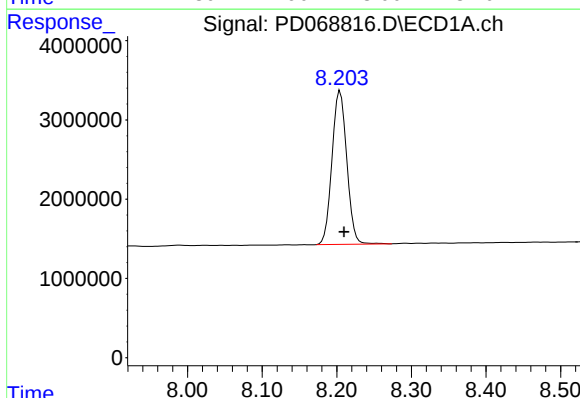
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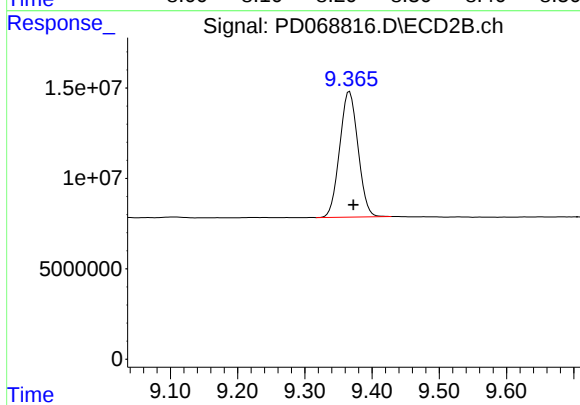
#21 Endrin ketone

R.T.: 7.957 min
Delta R.T.: -0.004 min
Response: 16458510
Conc: 2.12 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.205 min
Delta R.T.: -0.005 min
Response: 26777793
Conc: 21.20 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.366 min
Delta R.T.: -0.006 min
Response: 130923974
Conc: 23.10 ng/ml