

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD030822\
 Data File : PD068399.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Mar 2022 15:58
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/09/2022
 Supervised By : Ankita Jodhani 03/09/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 09 00:03:35 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 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...	3.449	4.176	25624102	197.4E6	21.859	20.563
28)	SA Decachlor...	8.211	9.372	27109069	123.5E6	23.295	20.828
Target Compounds							
2)	A alpha-BHC	3.889	4.571	18216087	145.4E6	10.616	10.593
3)	MA gamma-BHC...	4.172	4.862	17027726	132.8E6	10.693	10.713
6)	B beta-BHC	4.423	5.024	8599396	62225714	12.256	11.512
12)	B 4,4'-DDE	5.613	6.551	490905	4374820	0.360m	0.447
14)	MA Endrin	6.004	6.930	70493656	327.1E6	57.064	42.527 #
16)	A 4,4'-DDD	6.132	7.043	5371504	37395101	4.529	4.752
17)	MA 4,4'-DDT	6.373	7.345	126.7E6	644.8E6	114.922	91.131
18)	B Endrin al...	6.446	7.260	1471304	7838246	1.605m	1.303m
20)	A Methoxychlor	6.924	7.798	165.3E6	751.6E6	254.772	216.325
21)	B Endrin ke...	7.152	7.961	3317020	21185299	2.253m	2.524

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

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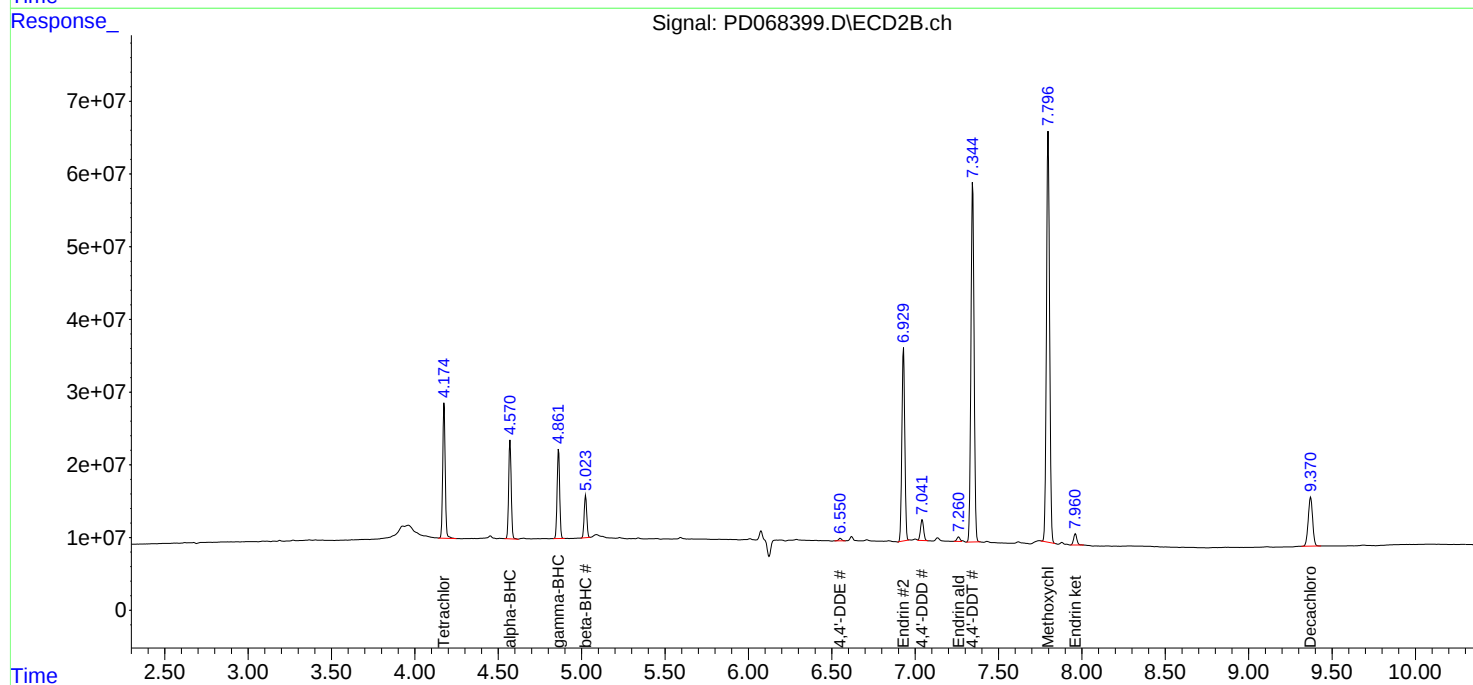
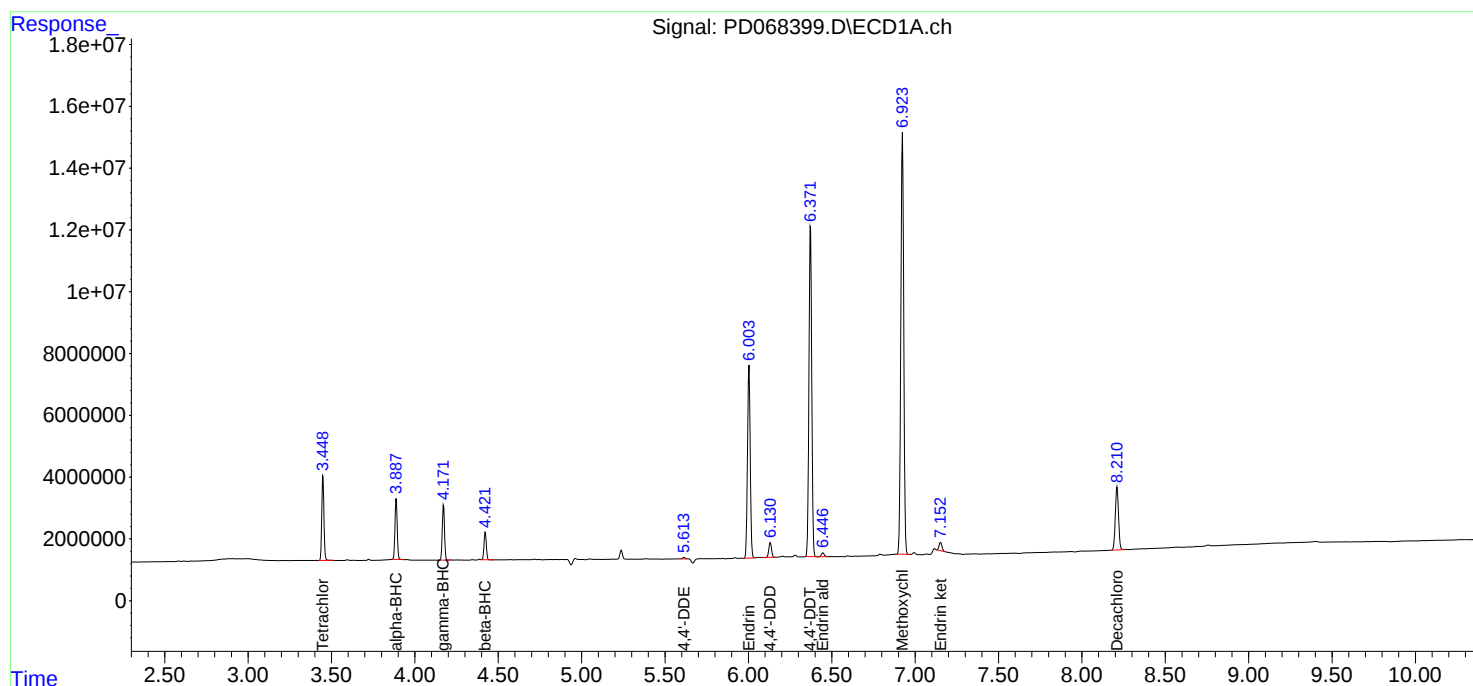
Instrument :
ECD_D
ClientSampleId :
PEM

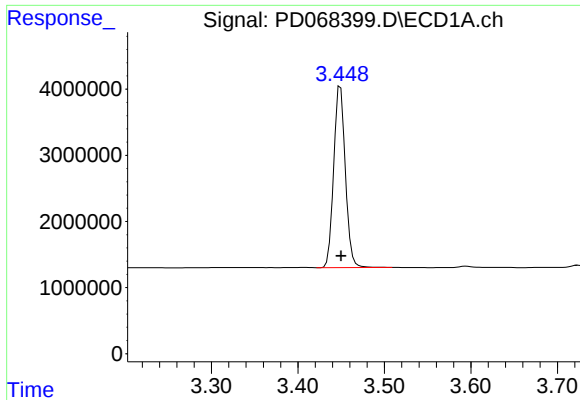
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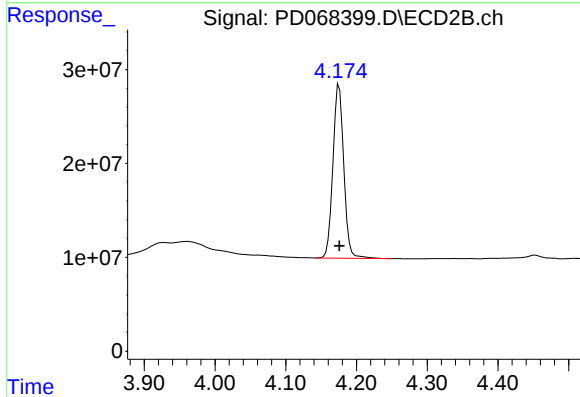
#1 Tetrachloro-m-xylene

R.T.: 3.449 min
Delta R.T.: 0.000 min
Response: 25624102
Conc: 21.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

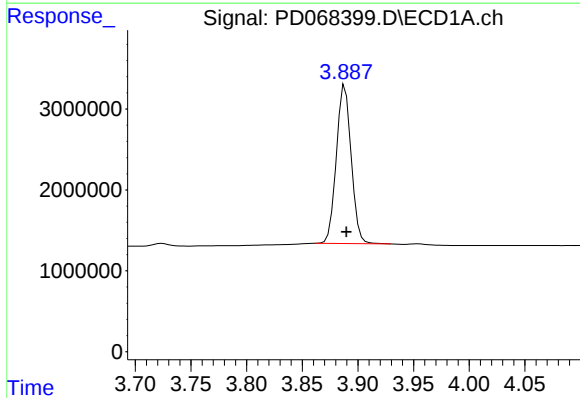
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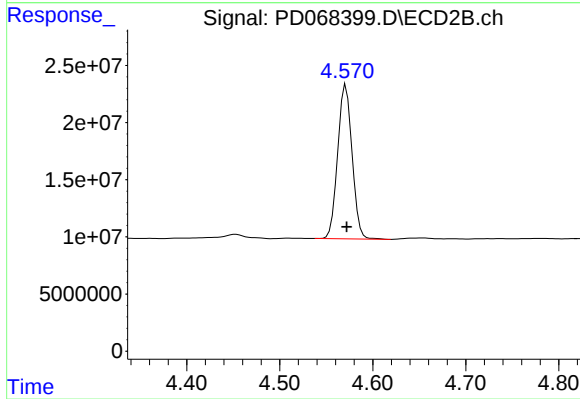
#1 Tetrachloro-m-xylene

R.T.: 4.176 min
Delta R.T.: 0.000 min
Response: 197366847
Conc: 20.56 ng/ml



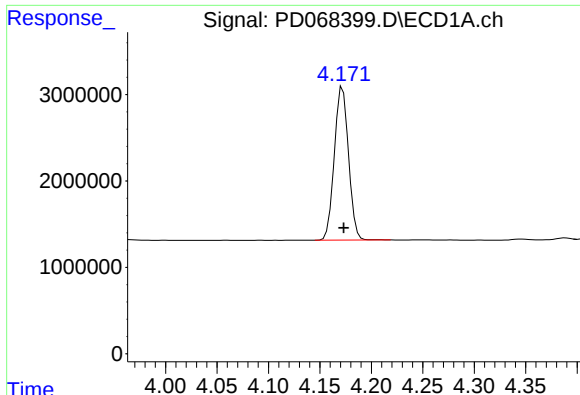
#2 alpha-BHC

R.T.: 3.889 min
Delta R.T.: -0.001 min
Response: 18216087
Conc: 10.62 ng/ml



#2 alpha-BHC

R.T.: 4.571 min
Delta R.T.: 0.000 min
Response: 145356368
Conc: 10.59 ng/ml



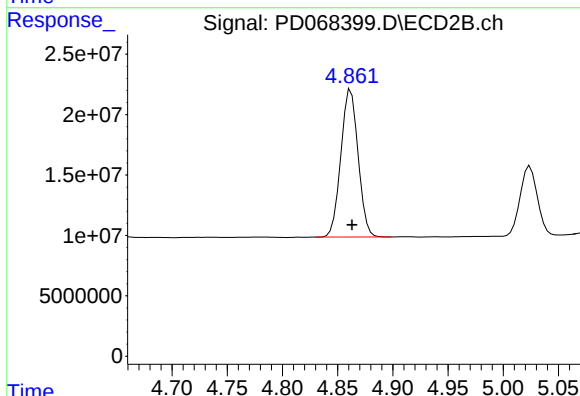
#3 gamma-BHC (Lindane)

R.T.: 4.172 min
Delta R.T.: -0.001 min
Response: 17027726
Conc: 10.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

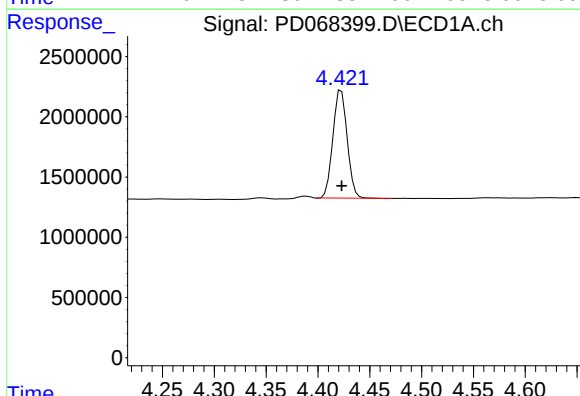
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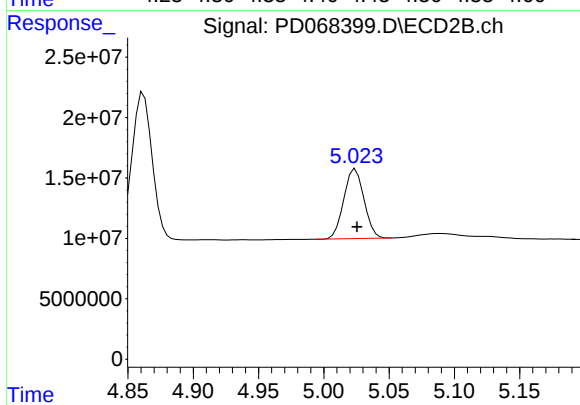
#3 gamma-BHC (Lindane)

R.T.: 4.862 min
Delta R.T.: -0.001 min
Response: 132842644
Conc: 10.71 ng/ml



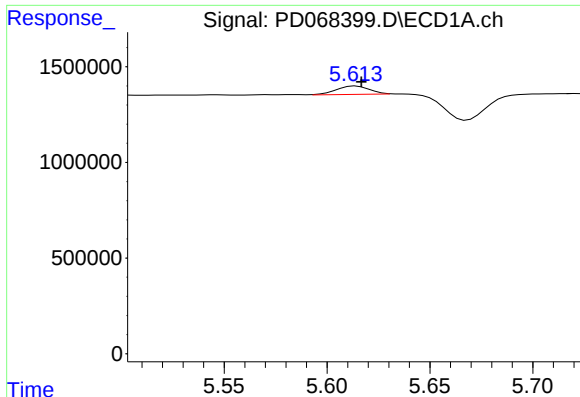
#6 beta-BHC

R.T.: 4.423 min
Delta R.T.: 0.000 min
Response: 8599396
Conc: 12.26 ng/ml



#6 beta-BHC

R.T.: 5.024 min
Delta R.T.: -0.001 min
Response: 62225714
Conc: 11.51 ng/ml



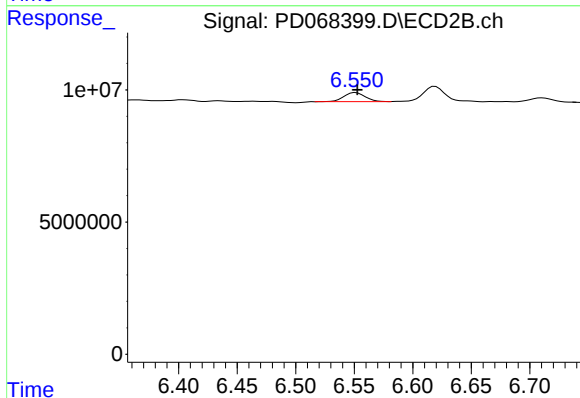
#12 4,4'-DDE

R.T.: 5.613 min
Delta R.T.: -0.004 min
Response: 490905
Conc: 0.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

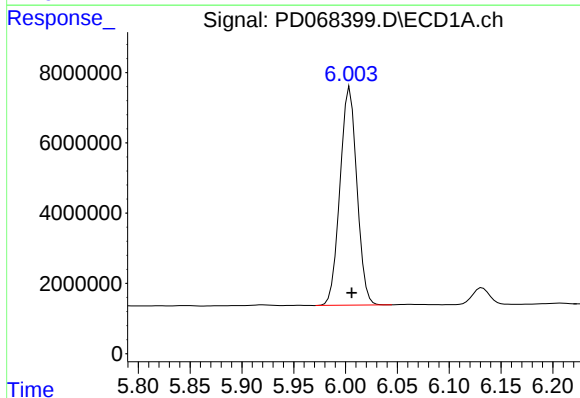
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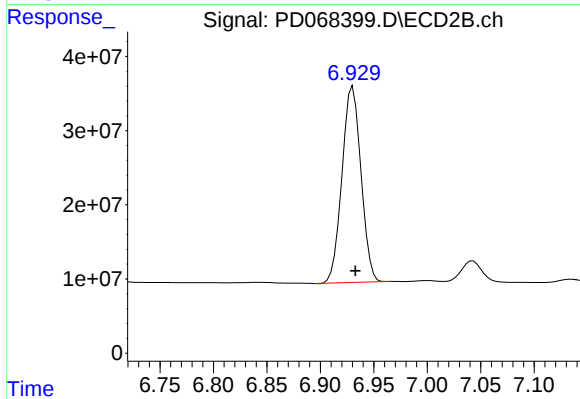
#12 4,4'-DDE

R.T.: 6.551 min
Delta R.T.: -0.002 min
Response: 4374820
Conc: 0.45 ng/ml



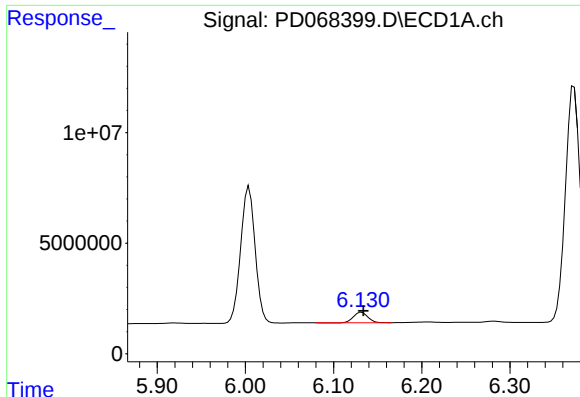
#14 Endrin

R.T.: 6.004 min
Delta R.T.: -0.002 min
Response: 70493656
Conc: 57.06 ng/ml



#14 Endrin

R.T.: 6.930 min
Delta R.T.: -0.002 min
Response: 327053077
Conc: 42.53 ng/ml



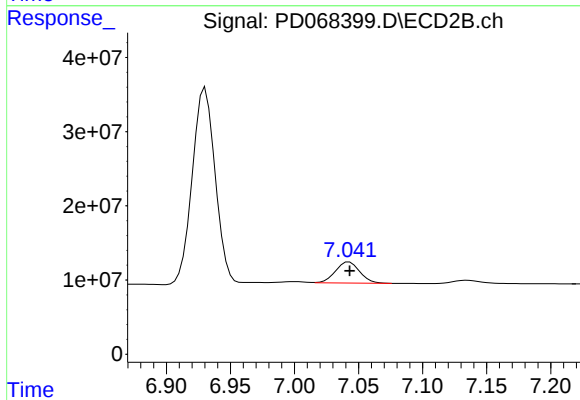
#16 4,4'-DDD

R.T.: 6.132 min
Delta R.T.: -0.002 min
Response: 5371504
Conc: 4.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

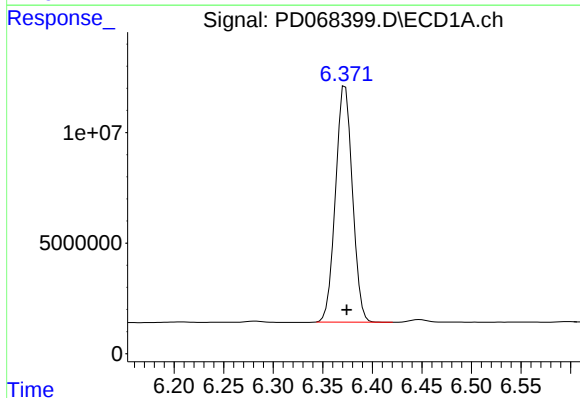
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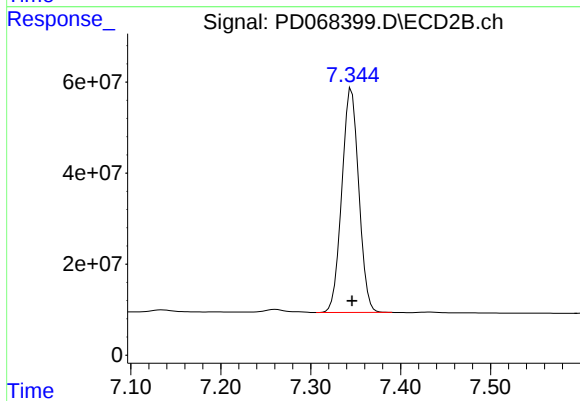
#16 4,4'-DDD

R.T.: 7.043 min
Delta R.T.: 0.000 min
Response: 37395101
Conc: 4.75 ng/ml



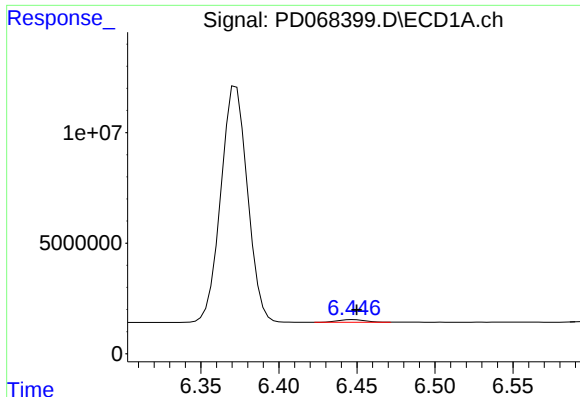
#17 4,4'-DDT

R.T.: 6.373 min
Delta R.T.: -0.002 min
Response: 126733247
Conc: 114.92 ng/ml



#17 4,4'-DDT

R.T.: 7.345 min
Delta R.T.: 0.000 min
Response: 644796862
Conc: 91.13 ng/ml



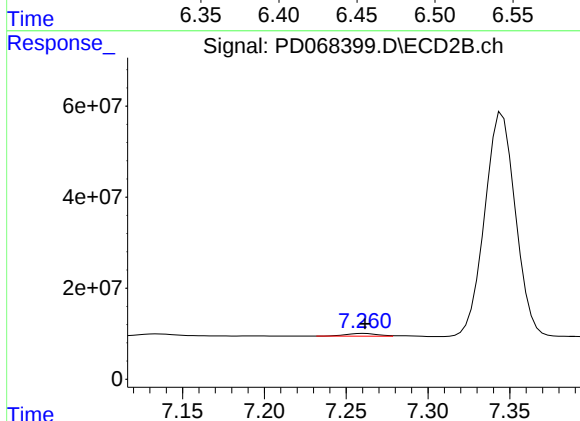
#18 Endrin aldehyde

R.T.: 6.446 min
Delta R.T.: -0.003 min
Response: 1471304
Conc: 1.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

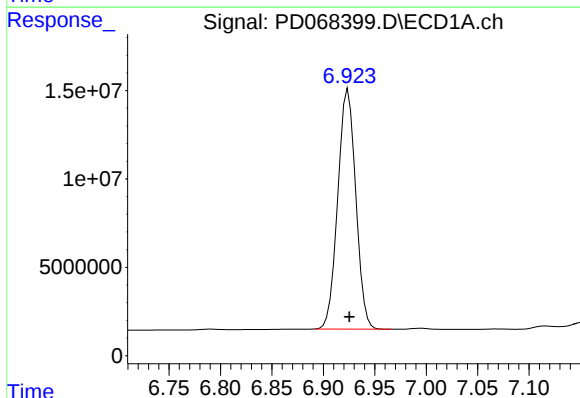
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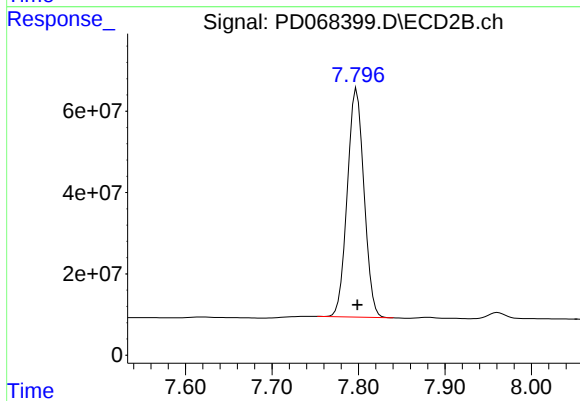
#18 Endrin aldehyde

R.T.: 7.260 min
Delta R.T.: -0.002 min
Response: 7838246
Conc: 1.30 ng/ml m



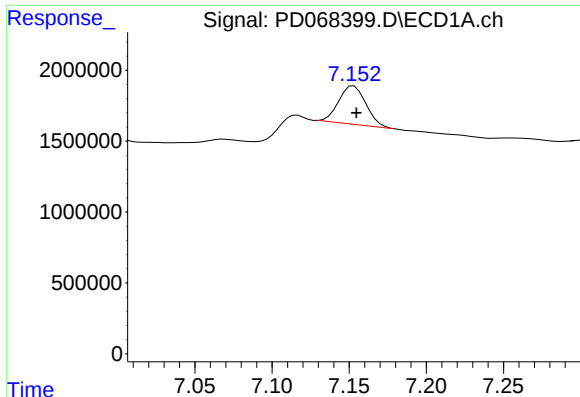
#20 Methoxychlor

R.T.: 6.924 min
Delta R.T.: -0.001 min
Response: 165320859
Conc: 254.77 ng/ml



#20 Methoxychlor

R.T.: 7.798 min
Delta R.T.: 0.000 min
Response: 751610738
Conc: 216.33 ng/ml



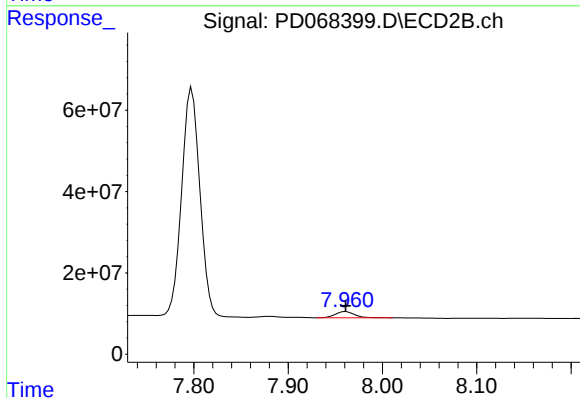
#21 Endrin ketone

R.T.: 7.152 min
Delta R.T.: -0.003 min
Response: 3317020
Conc: 2.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

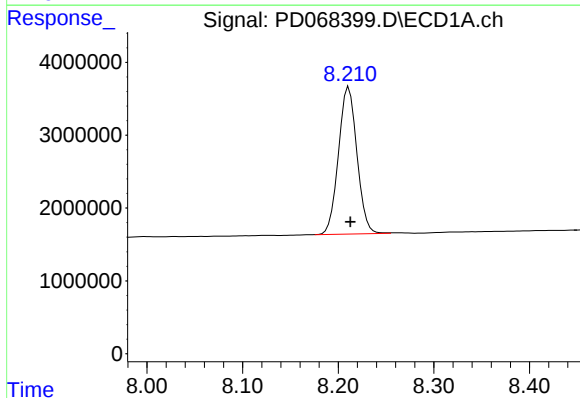
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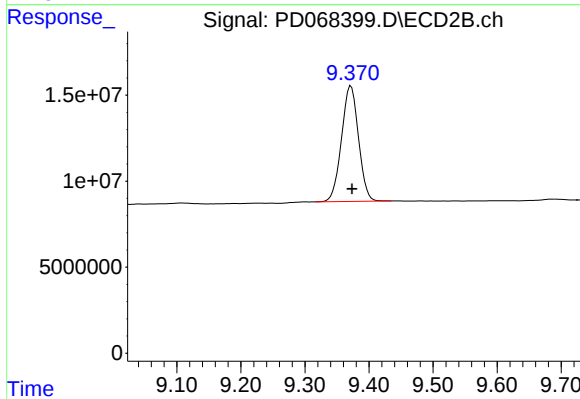
#21 Endrin ketone

R.T.: 7.961 min
Delta R.T.: 0.000 min
Response: 21185299
Conc: 2.52 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.211 min
Delta R.T.: -0.002 min
Response: 27109069
Conc: 23.30 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.372 min
Delta R.T.: -0.002 min
Response: 123486968
Conc: 20.83 ng/ml