

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD060222\
 Data File : PD069944.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Jun 2022 16:48
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/02/2022
 Supervised By : Ankita Jodhani 06/02/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 02 08:36:54 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD052622.M
 Quant Title : GC Extractables
 QLast Update : Thu May 26 05:06:06 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...	3.441	4.168	20240046	200.5E6	19.019	22.750
28)	SA Decachlor...	8.193	9.363	22503432	130.4E6	20.631	24.108
Target Compounds							
2)	A alpha-BHC	3.879	4.564	14337690	152.5E6	8.749	11.642 #
3)	MA gamma-BHC...	4.163	4.855	14894862	141.9E6	8.630	11.503 #
6)	B beta-BHC	4.413	5.019	7256504	71653869	10.426	13.641 #
14)	MA Endrin	5.990	6.924	53428990	406.5E6	46.272	60.222 #
16)	A 4,4'-DDD	6.118	7.035	2567024	23466724	2.372	3.169 #
17)	MA 4,4'-DDT	6.357	7.338	96288608	717.4E6	97.156	98.034
18)	B Endrin al...	6.432	7.253	1066541	10153687	1.241m	1.768 #
20)	A Methoxychlor	6.908	7.791	129.8E6	833.0E6	228.745	233.614
21)	B Endrin ke...	7.139	7.954	2598444	17186262	1.950	2.159

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

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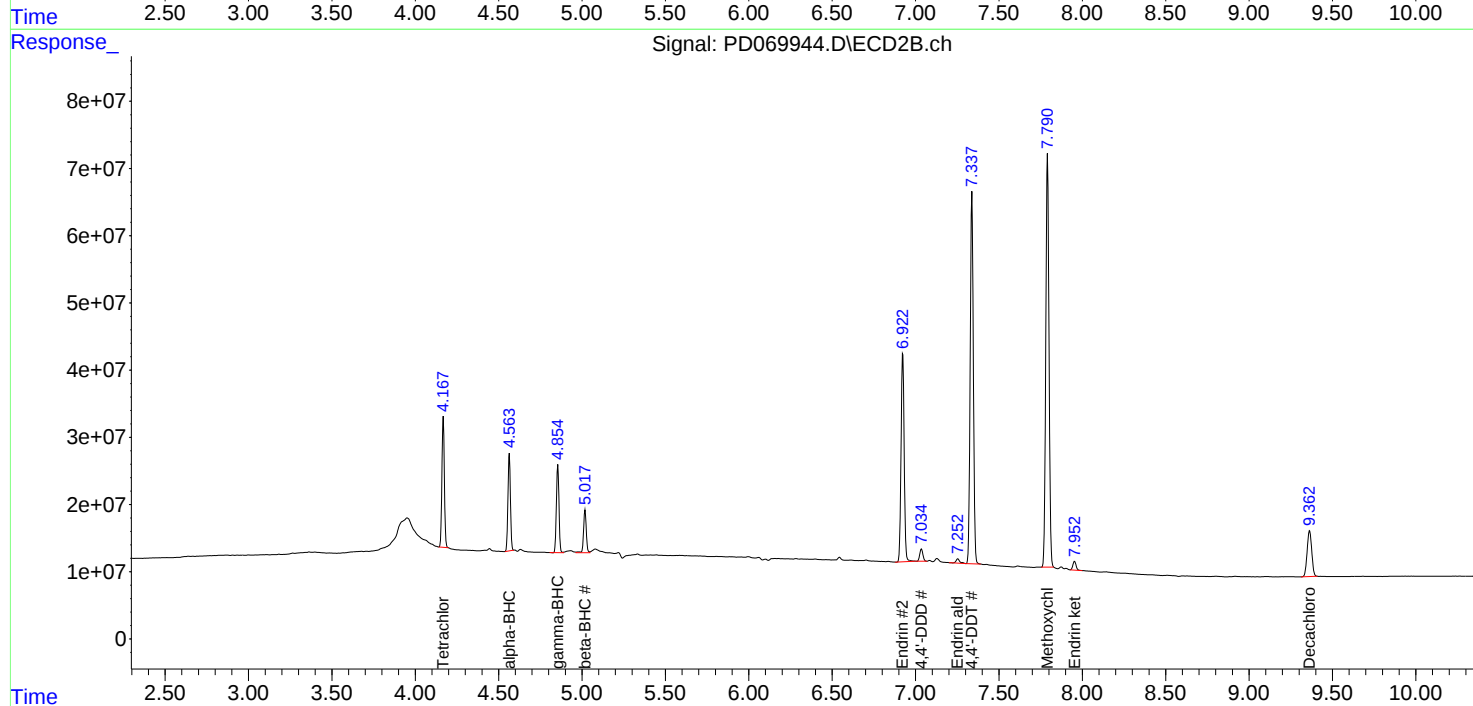
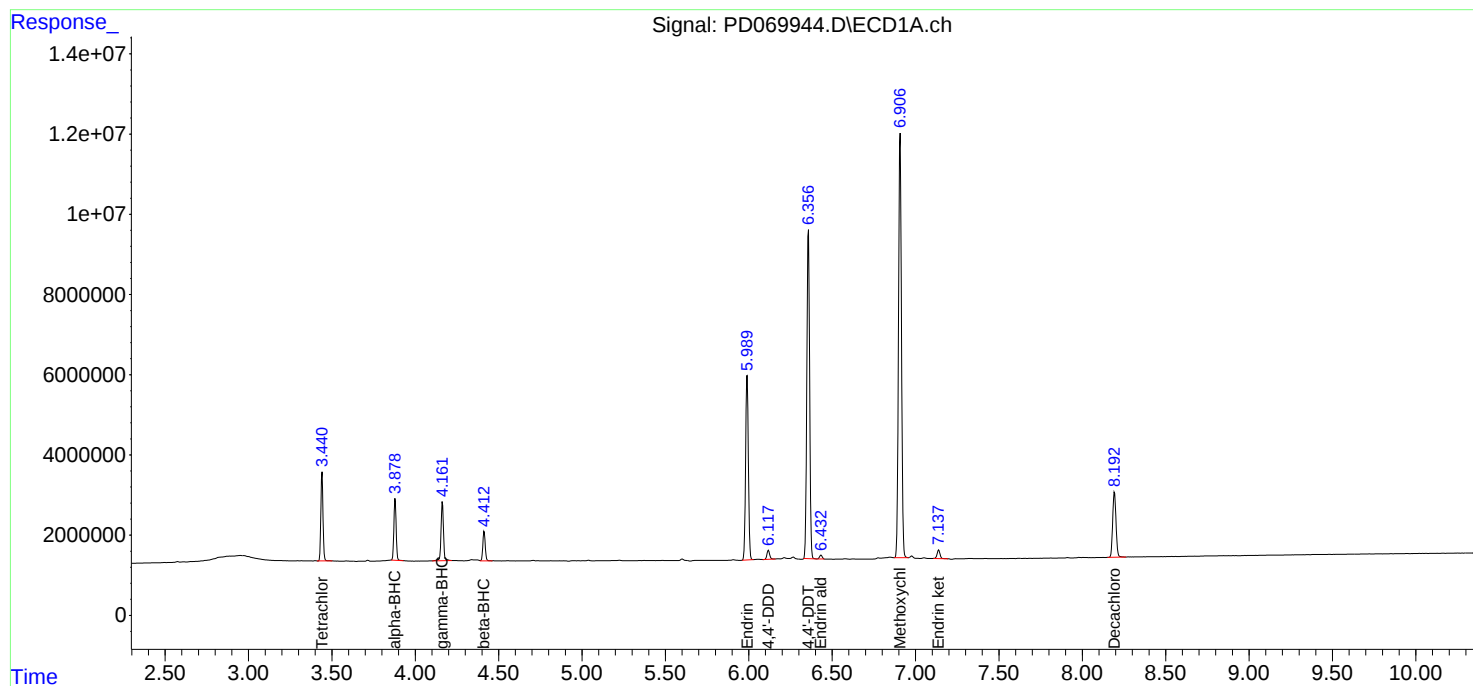
Instrument :
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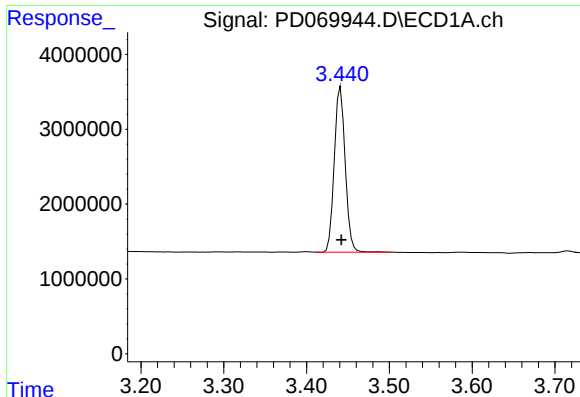
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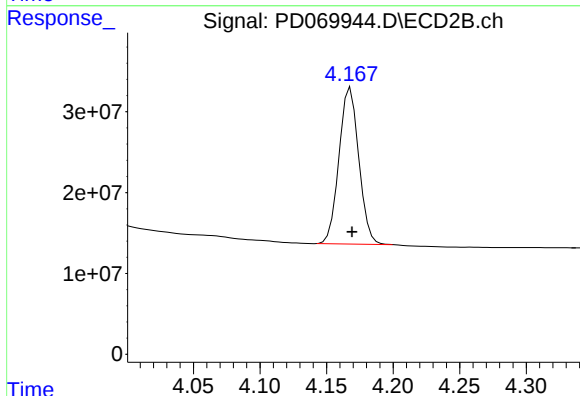
#1 Tetrachloro-m-xylene

R.T.: 3.441 min
Delta R.T.: 0.000 min
Response: 20240046
Conc: 19.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

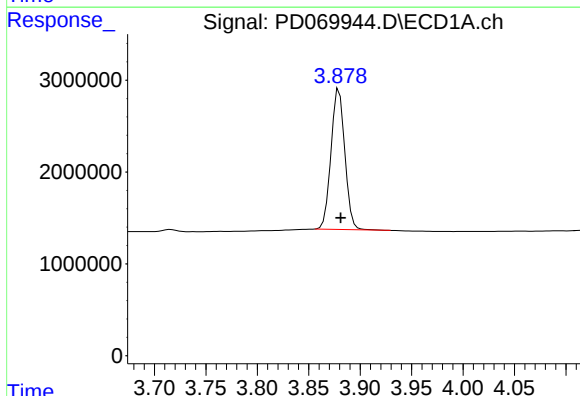
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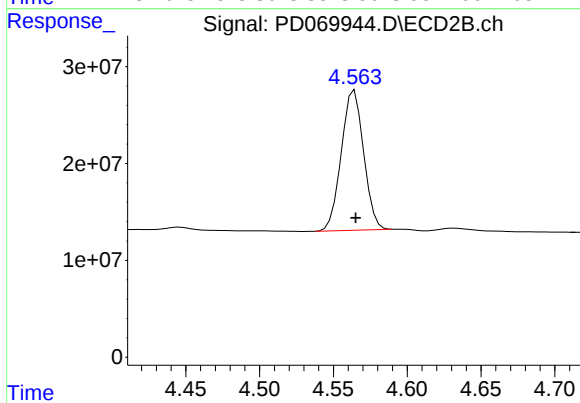
#1 Tetrachloro-m-xylene

R.T.: 4.168 min
Delta R.T.: -0.001 min
Response: 200468416
Conc: 22.75 ng/ml



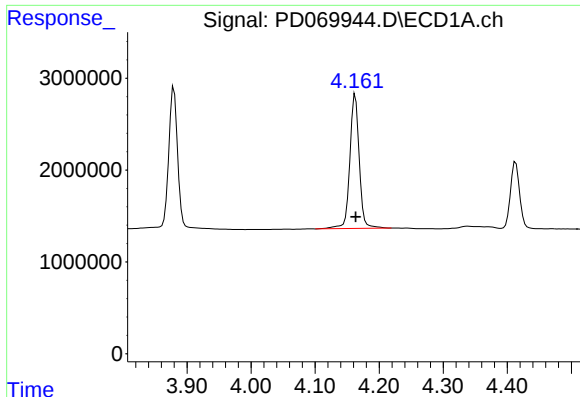
#2 alpha-BHC

R.T.: 3.879 min
Delta R.T.: -0.002 min
Response: 14337690
Conc: 8.75 ng/ml



#2 alpha-BHC

R.T.: 4.564 min
Delta R.T.: 0.000 min
Response: 152452898
Conc: 11.64 ng/ml



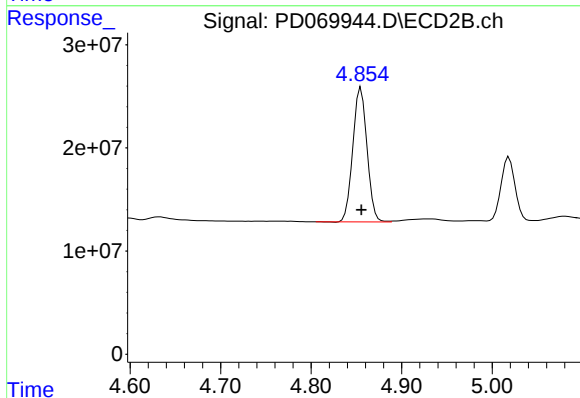
#3 gamma-BHC (Lindane)

R.T.: 4.163 min
Delta R.T.: 0.000 min
Response: 14894862
Conc: 8.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

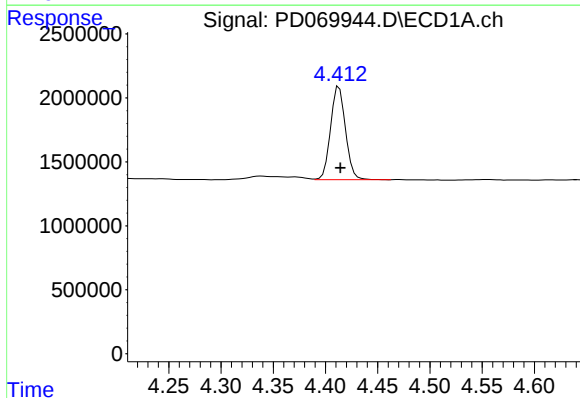
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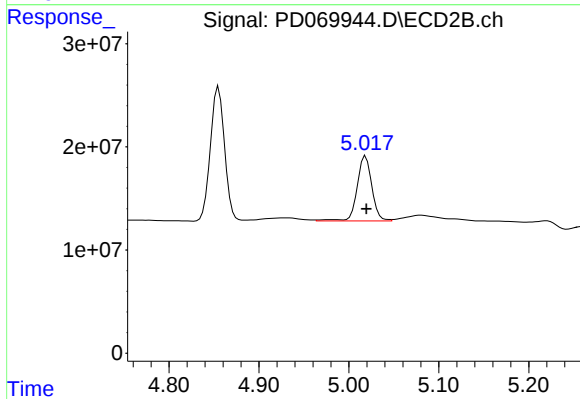
#3 gamma-BHC (Lindane)

R.T.: 4.855 min
Delta R.T.: 0.000 min
Response: 141895266
Conc: 11.50 ng/ml



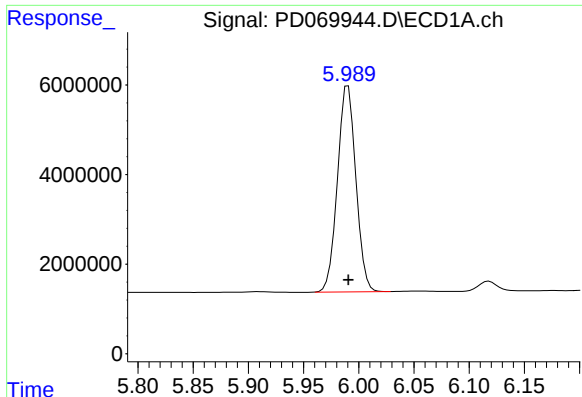
#6 beta-BHC

R.T.: 4.413 min
Delta R.T.: -0.001 min
Response: 7256504
Conc: 10.43 ng/ml



#6 beta-BHC

R.T.: 5.019 min
Delta R.T.: 0.000 min
Response: 71653869
Conc: 13.64 ng/ml



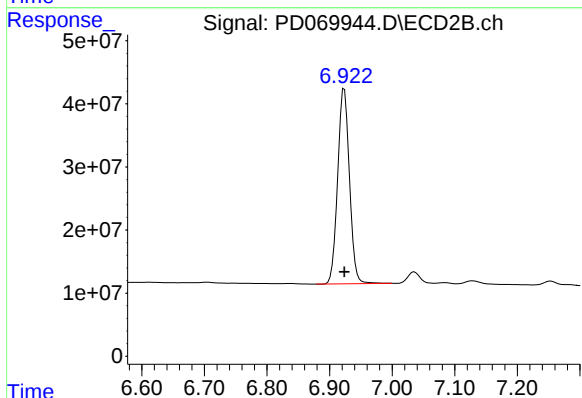
#14 Endrin

R.T.: 5.990 min
Delta R.T.: 0.000 min
Response: 53428990
Conc: 46.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

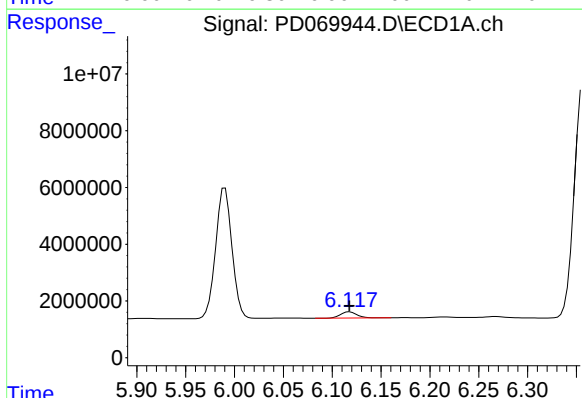
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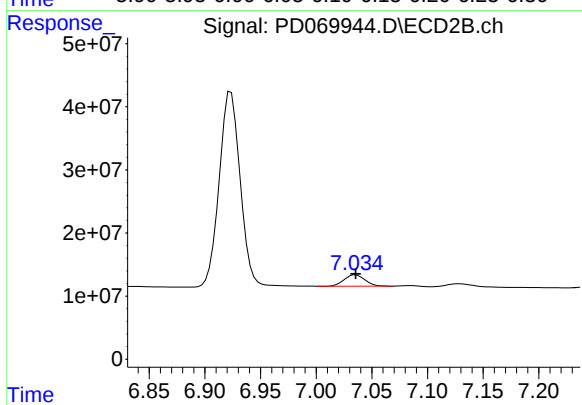
#14 Endrin

R.T.: 6.924 min
Delta R.T.: 0.000 min
Response: 406452219
Conc: 60.22 ng/ml



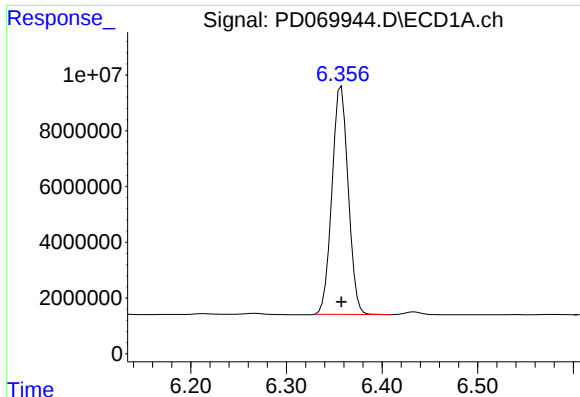
#16 4,4'-DDD

R.T.: 6.118 min
Delta R.T.: 0.000 min
Response: 2567024
Conc: 2.37 ng/ml



#16 4,4'-DDD

R.T.: 7.035 min
Delta R.T.: 0.000 min
Response: 23466724
Conc: 3.17 ng/ml



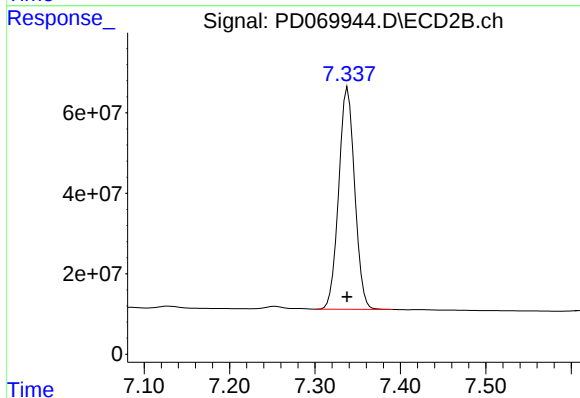
#17 4,4'-DDT

R.T.: 6.357 min
Delta R.T.: 0.000 min
Response: 96288608
Conc: 97.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

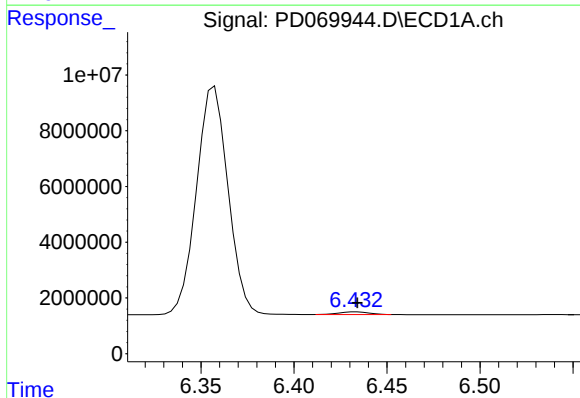
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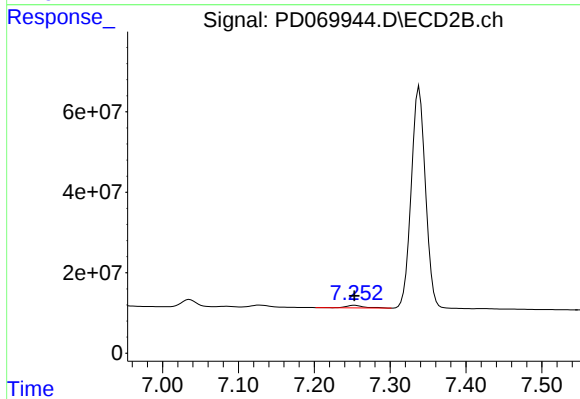
#17 4,4'-DDT

R.T.: 7.338 min
Delta R.T.: 0.000 min
Response: 717417665
Conc: 98.03 ng/ml



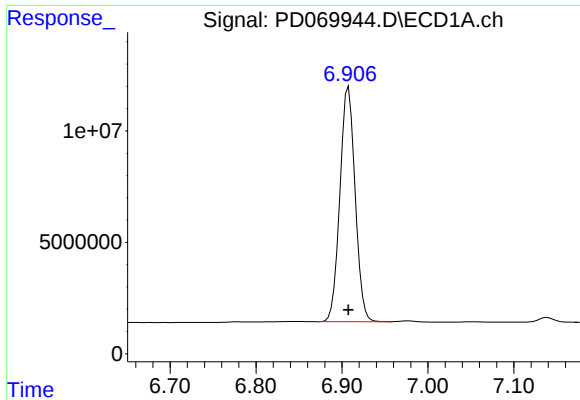
#18 Endrin aldehyde

R.T.: 6.432 min
Delta R.T.: -0.002 min
Response: 1066541
Conc: 1.24 ng/ml m



#18 Endrin aldehyde

R.T.: 7.253 min
Delta R.T.: 0.000 min
Response: 10153687
Conc: 1.77 ng/ml



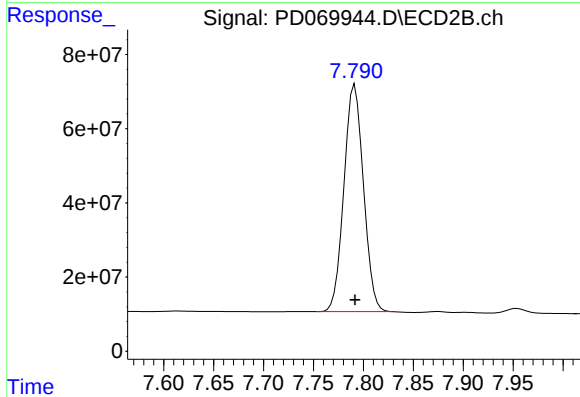
#20 Methoxychlor

R.T.: 6.908 min
Delta R.T.: 0.000 min
Response: 129767190
Conc: 228.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

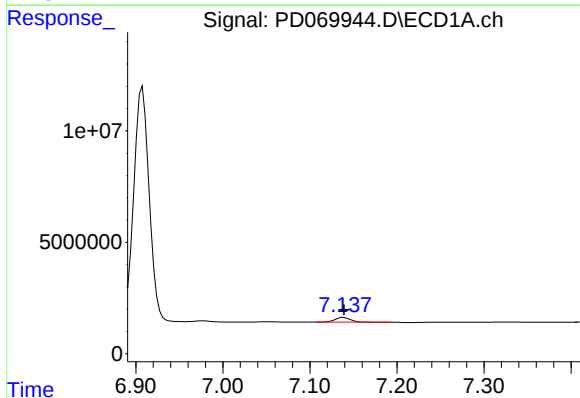
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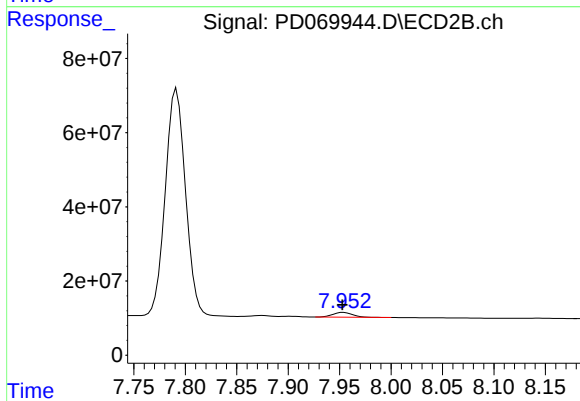
#20 Methoxychlor

R.T.: 7.791 min
Delta R.T.: 0.000 min
Response: 832979515
Conc: 233.61 ng/ml



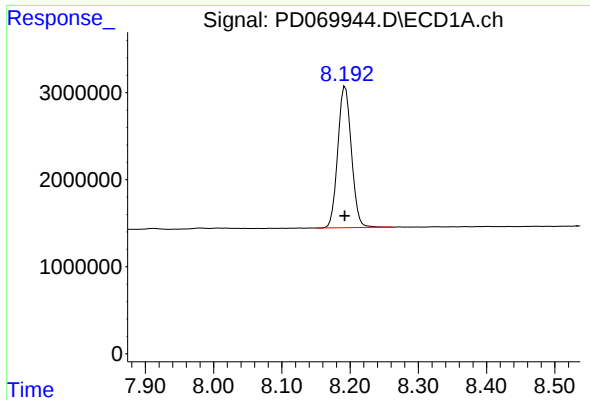
#21 Endrin ketone

R.T.: 7.139 min
Delta R.T.: 0.000 min
Response: 2598444
Conc: 1.95 ng/ml



#21 Endrin ketone

R.T.: 7.954 min
Delta R.T.: 0.001 min
Response: 17186262
Conc: 2.16 ng/ml



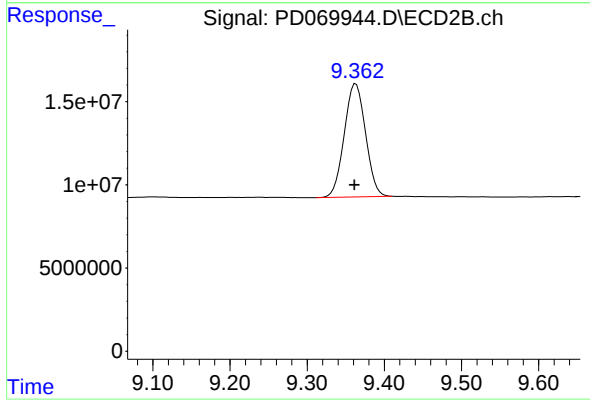
#28 Decachlorobiphenyl

R.T.: 8.193 min
Delta R.T.: 0.000 min
Response: 22503432
Conc: 20.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 9.363 min
Delta R.T.: 0.002 min
Response: 130378745
Conc: 24.11 ng/ml