

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052022\
 Data File : PD069707.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 May 2022 17:10
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/24/2022
 Supervised By : Ankita Jodhani 05/24/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 23 02:40:27 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD052022.M
 Quant Title : GC Extractables
 QLast Update : Mon May 23 02:08:05 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 x 0.2 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...	3.444	4.173	20460385	203.4E6	20.418	21.287
28)	SA Decachlor...	8.199	9.371	22702114	129.3E6	21.047	21.569
Target Compounds							
2)	A alpha-BHC	3.882	4.569	14467205	147.2E6	9.687	10.553
3)	MA gamma-BHC...	4.166	4.860	15809944	136.5E6	10.708	10.656
6)	B beta-BHC	4.416	5.023	7375256	64150578	11.323	11.425
12)	B 4,4'-DDE	5.604	6.549	293172	4610648	0.253m	0.464m#
14)	MA Endrin	5.996	6.930	56428911	405.8E6	50.786	49.921
16)	A 4,4'-DDD	6.123	7.043	1100905	12853000	1.106	1.586 #
17)	MA 4,4'-DDT	6.363	7.345	100.6E6	740.0E6	104.817	89.976
18)	B Endrin al...	6.440	7.260	992459	3143647	1.154	0.493 #
20)	A Methoxychlor	6.913	7.798	137.3E6	875.7E6	238.138	212.371
21)	B Endrin ke...	7.145	7.961	1408043	8159592	1.124	0.977

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

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Sample : PEM
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ALS Vial : 3 Sample Multiplier: 1

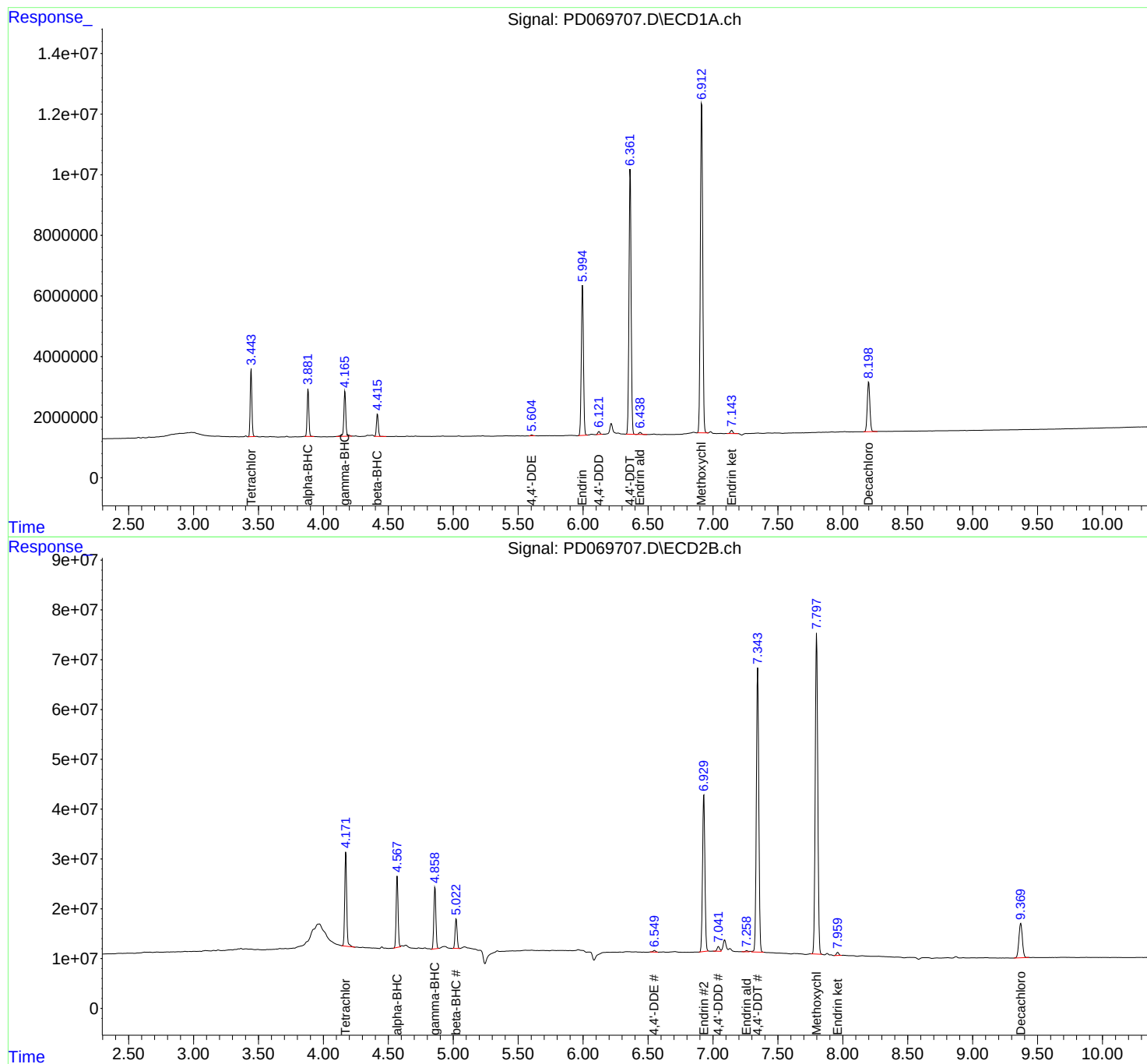
Instrument :
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ClientSampleId :
PEM

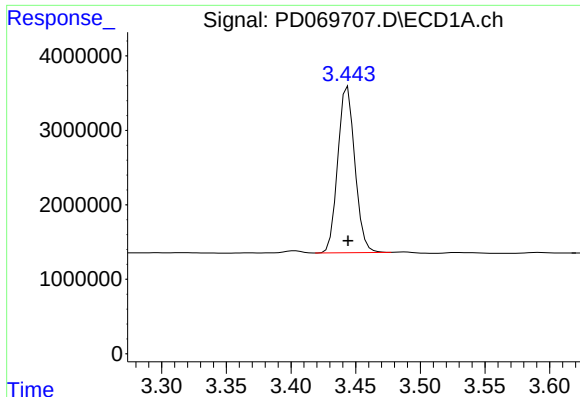
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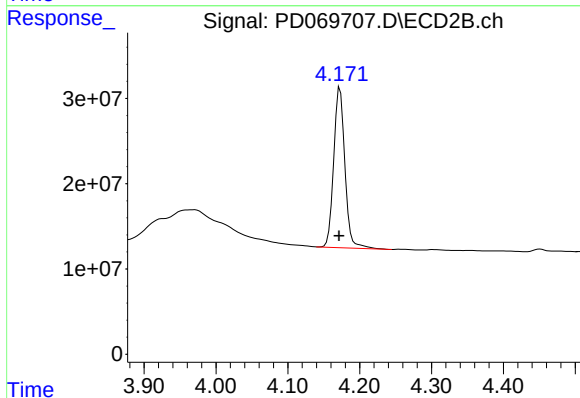
#1 Tetrachloro-m-xylene

R.T.: 3.444 min
Delta R.T.: 0.000 min
Response: 20460385
Conc: 20.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

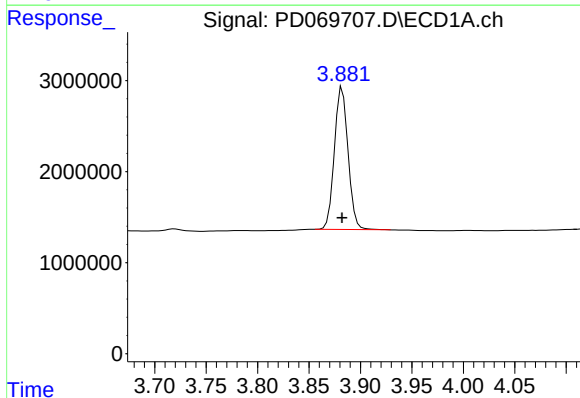
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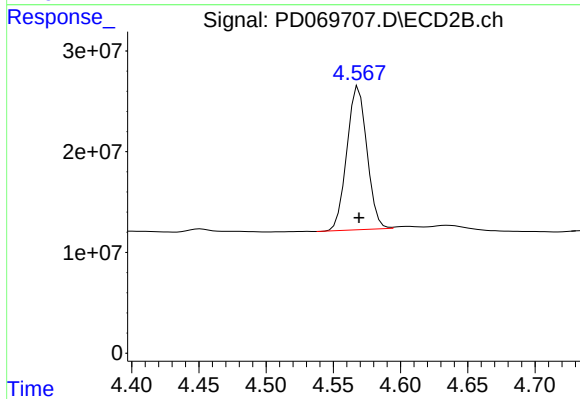
#1 Tetrachloro-m-xylene

R.T.: 4.173 min
Delta R.T.: 0.001 min
Response: 203380649
Conc: 21.29 ng/ml



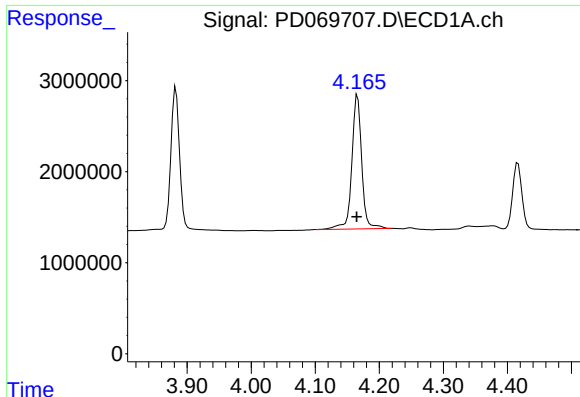
#2 alpha-BHC

R.T.: 3.882 min
Delta R.T.: 0.000 min
Response: 14467205
Conc: 9.69 ng/ml



#2 alpha-BHC

R.T.: 4.569 min
Delta R.T.: 0.000 min
Response: 147190545
Conc: 10.55 ng/ml



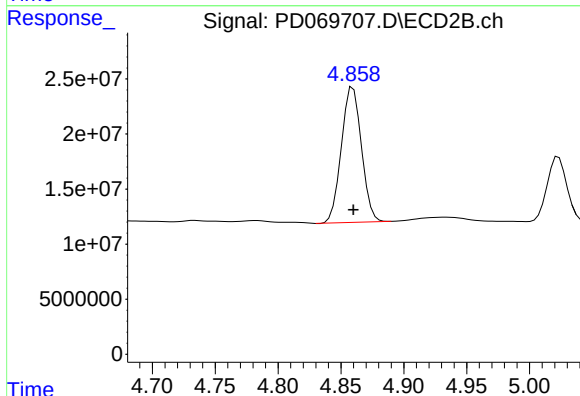
#3 gamma-BHC (Lindane)

R.T.: 4.166 min
Delta R.T.: 0.001 min
Response: 15809944
Conc: 10.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

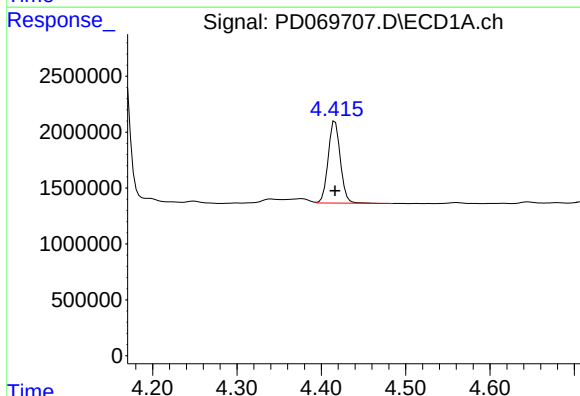
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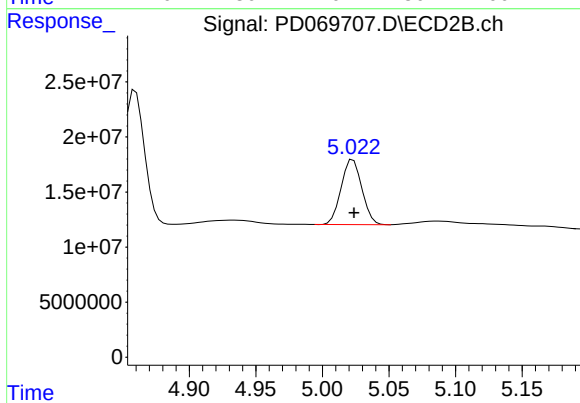
#3 gamma-BHC (Lindane)

R.T.: 4.860 min
Delta R.T.: 0.000 min
Response: 136470021
Conc: 10.66 ng/ml



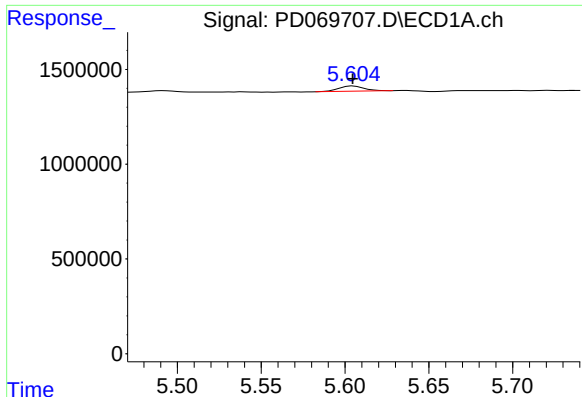
#6 beta-BHC

R.T.: 4.416 min
Delta R.T.: 0.000 min
Response: 7375256
Conc: 11.32 ng/ml



#6 beta-BHC

R.T.: 5.023 min
Delta R.T.: 0.000 min
Response: 64150578
Conc: 11.43 ng/ml



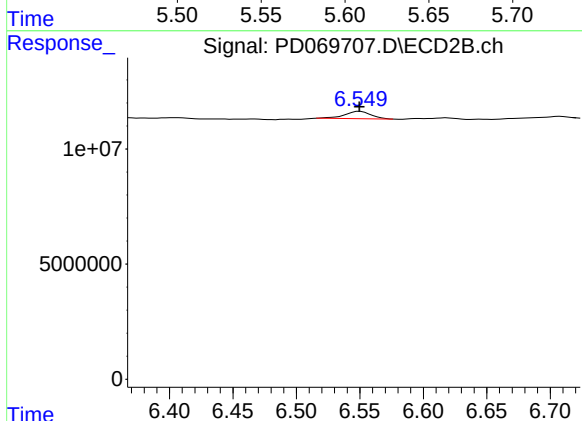
#12 4,4'-DDE

R.T.: 5.604 min
Delta R.T.: -0.001 min
Response: 293172
Conc: 0.25 ng/ml

Instrument :
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ClientSampleId :
PEM

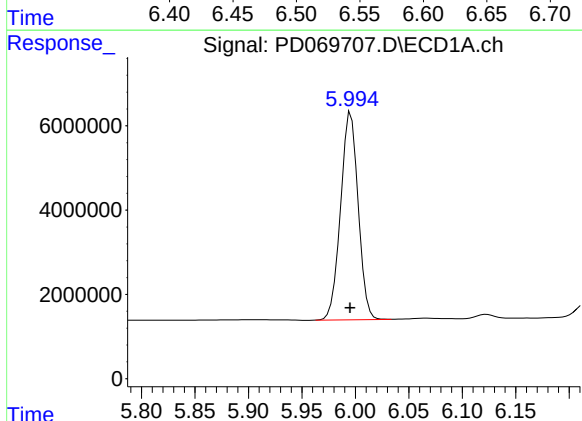
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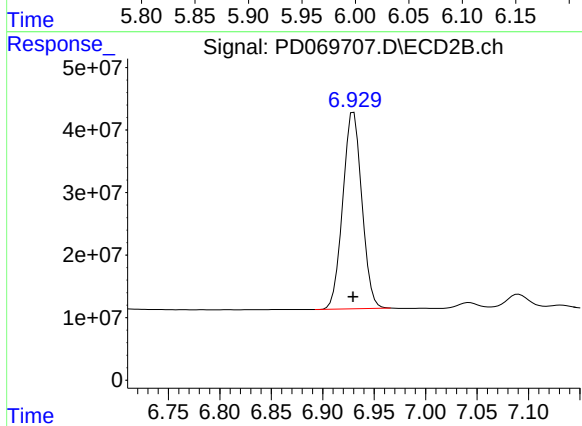
#12 4,4'-DDE

R.T.: 6.549 min
Delta R.T.: 0.000 min
Response: 4610648
Conc: 0.46 ng/ml m



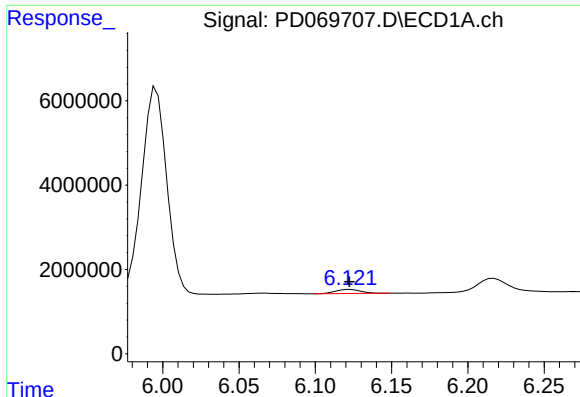
#14 Endrin

R.T.: 5.996 min
Delta R.T.: 0.000 min
Response: 56428911
Conc: 50.79 ng/ml



#14 Endrin

R.T.: 6.930 min
Delta R.T.: 0.000 min
Response: 405761513
Conc: 49.92 ng/ml



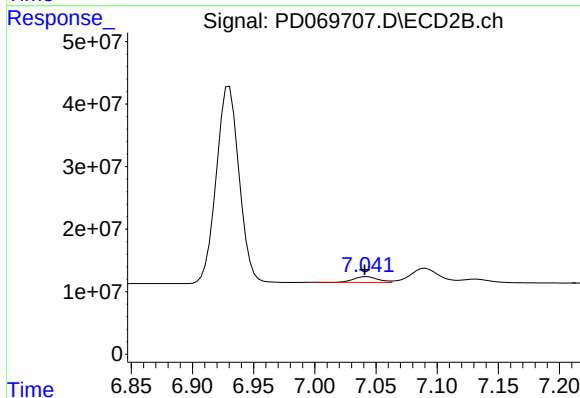
#16 4,4'-DDD

R.T.: 6.123 min
Delta R.T.: 0.000 min
Response: 1100905
Conc: 1.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
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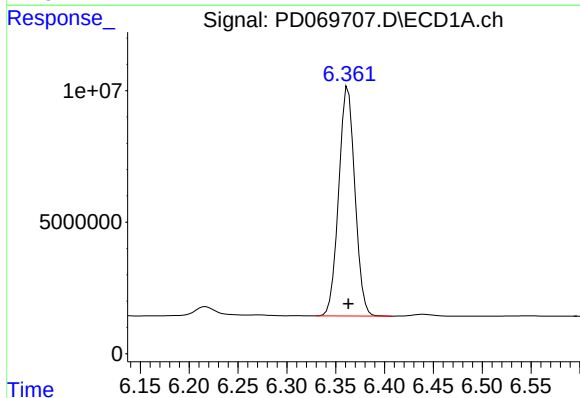


#16 4,4'-DDD

R.T.: 7.043 min
Delta R.T.: 0.002 min
Response: 12853000
Conc: 1.59 ng/ml

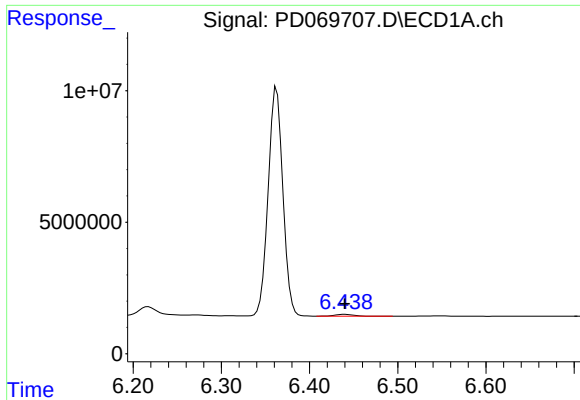
#17 4,4'-DDT

R.T.: 6.363 min
Delta R.T.: 0.000 min
Response: 100629815
Conc: 104.82 ng/ml



#17 4,4'-DDT

R.T.: 7.345 min
Delta R.T.: 0.001 min
Response: 739961860
Conc: 89.98 ng/ml



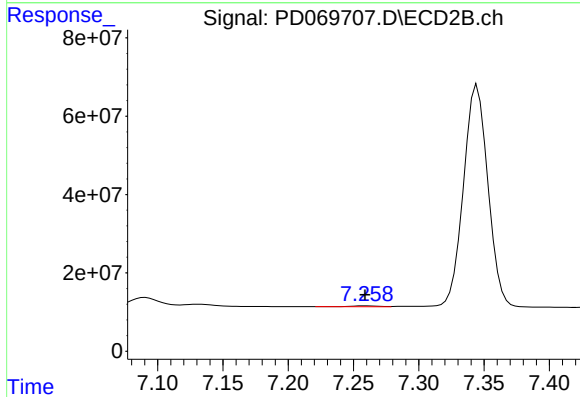
#18 Endrin aldehyde

R.T.: 6.440 min
Delta R.T.: 0.000 min
Response: 992459
Conc: 1.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

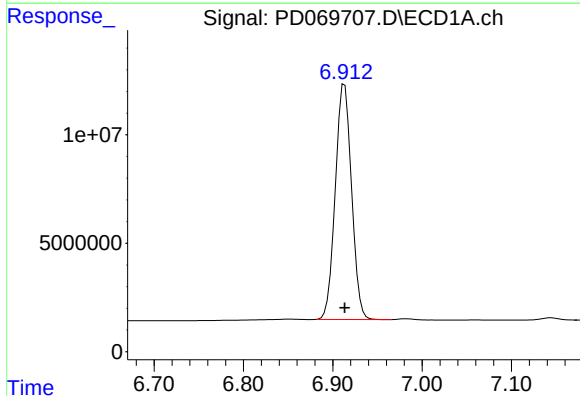
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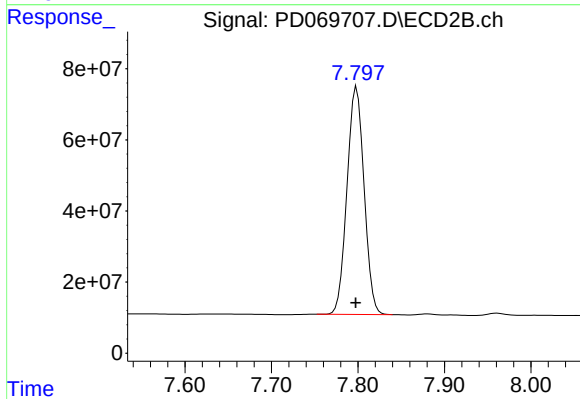
#18 Endrin aldehyde

R.T.: 7.260 min
Delta R.T.: 0.000 min
Response: 3143647
Conc: 0.49 ng/ml



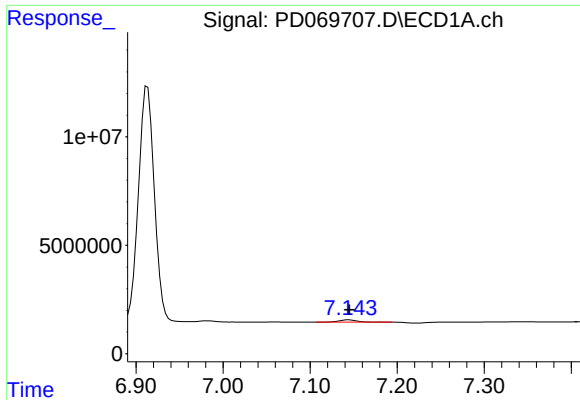
#20 Methoxychlor

R.T.: 6.913 min
Delta R.T.: 0.000 min
Response: 137259963
Conc: 238.14 ng/ml



#20 Methoxychlor

R.T.: 7.798 min
Delta R.T.: 0.000 min
Response: 875691035
Conc: 212.37 ng/ml



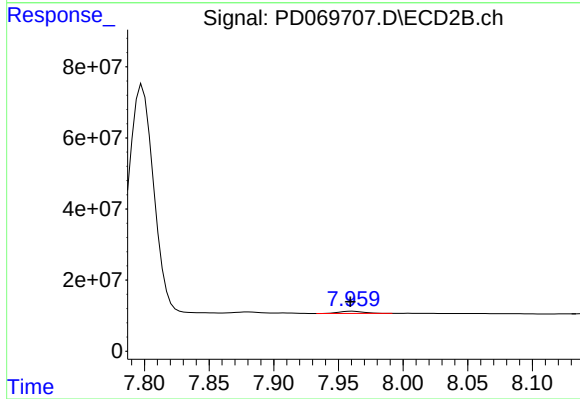
#21 Endrin ketone

R.T.: 7.145 min
Delta R.T.: 0.000 min
Response: 1408043
Conc: 1.12 ng/ml

Instrument :
ECD_D
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PEM

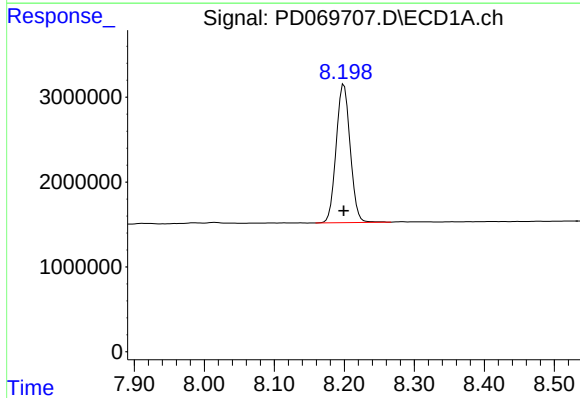
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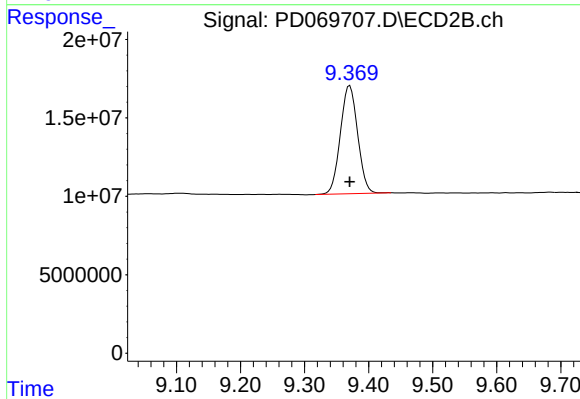
#21 Endrin ketone

R.T.: 7.961 min
Delta R.T.: 0.001 min
Response: 8159592
Conc: 0.98 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.199 min
Delta R.T.: 0.000 min
Response: 22702114
Conc: 21.05 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.371 min
Delta R.T.: 0.000 min
Response: 129261927
Conc: 21.57 ng/ml