

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD060722\
 Data File : PD070156.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jun 2022 09:37
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/08/2022
 Supervised By : Ankita Jodhani 06/08/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 07 10:04:09 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD060622.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 07 06:00:04 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...	3.440	4.167	24471937	236.0E6	22.541	24.180
28)	SA Decachlor...	8.191	9.359	25501711	149.2E6	22.931	24.257
Target Compounds							
2)	A alpha-BHC	3.879	4.563	17440181	179.7E6	10.663	12.327
3)	MA gamma-BHC...	4.162	4.854	16953753	167.3E6	11.010	12.399
6)	B beta-BHC	4.413	5.018	8580762	79429979	11.927	13.047
12)	B 4,4'-DDE	5.597	6.541	273700	4377310	0.219m	0.418m#
14)	MA Endrin	5.989	6.922	64621384	494.3E6	53.660	58.889
16)	A 4,4'-DDD	6.117	7.034	3515951	32466489	3.237	3.860
17)	MA 4,4'-DDT	6.356	7.337	118.4E6	882.6E6	111.643	102.835
18)	B Endrin al...	6.432	7.250	1729347	9788859	1.869	1.426m
20)	A Methoxychlor	6.907	7.790	158.6E6	1010.6E6	257.208	239.681
21)	B Endrin ke...	7.137	7.952	3938098	27799254	2.926	3.204

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

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Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

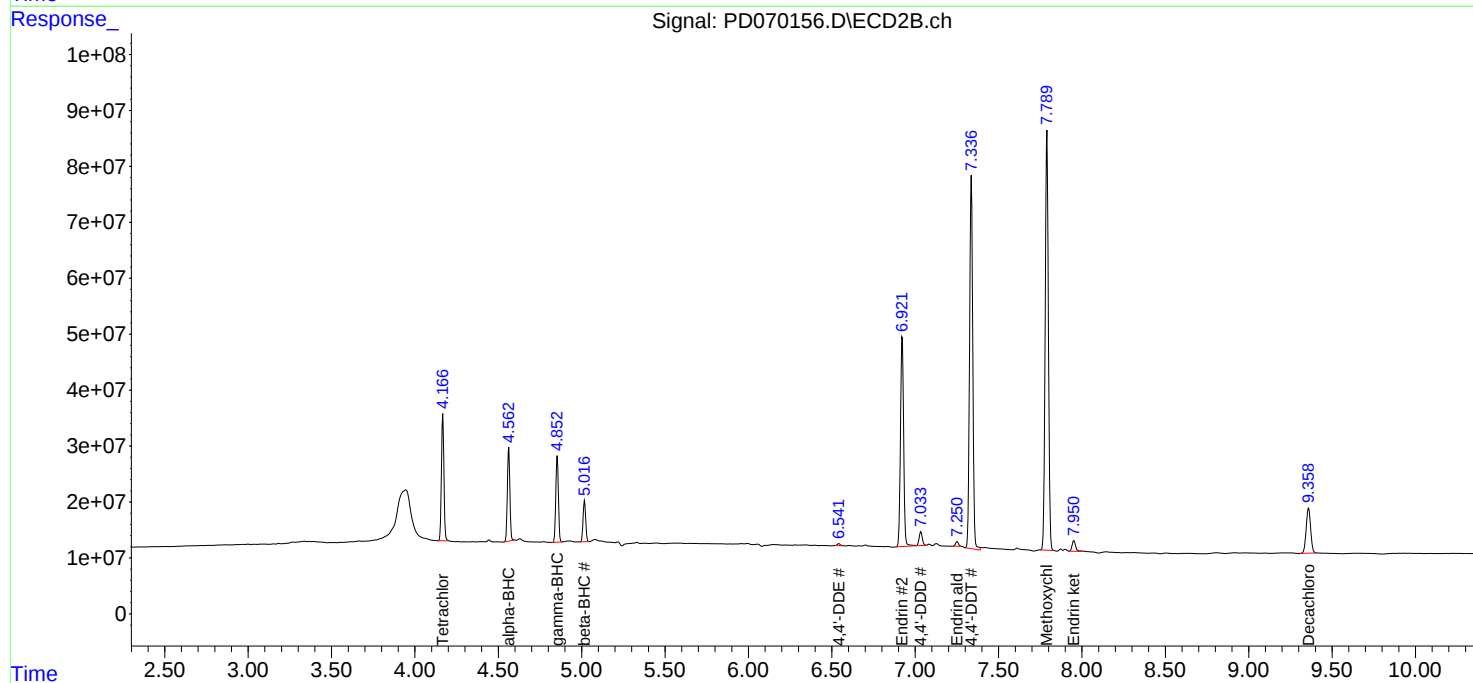
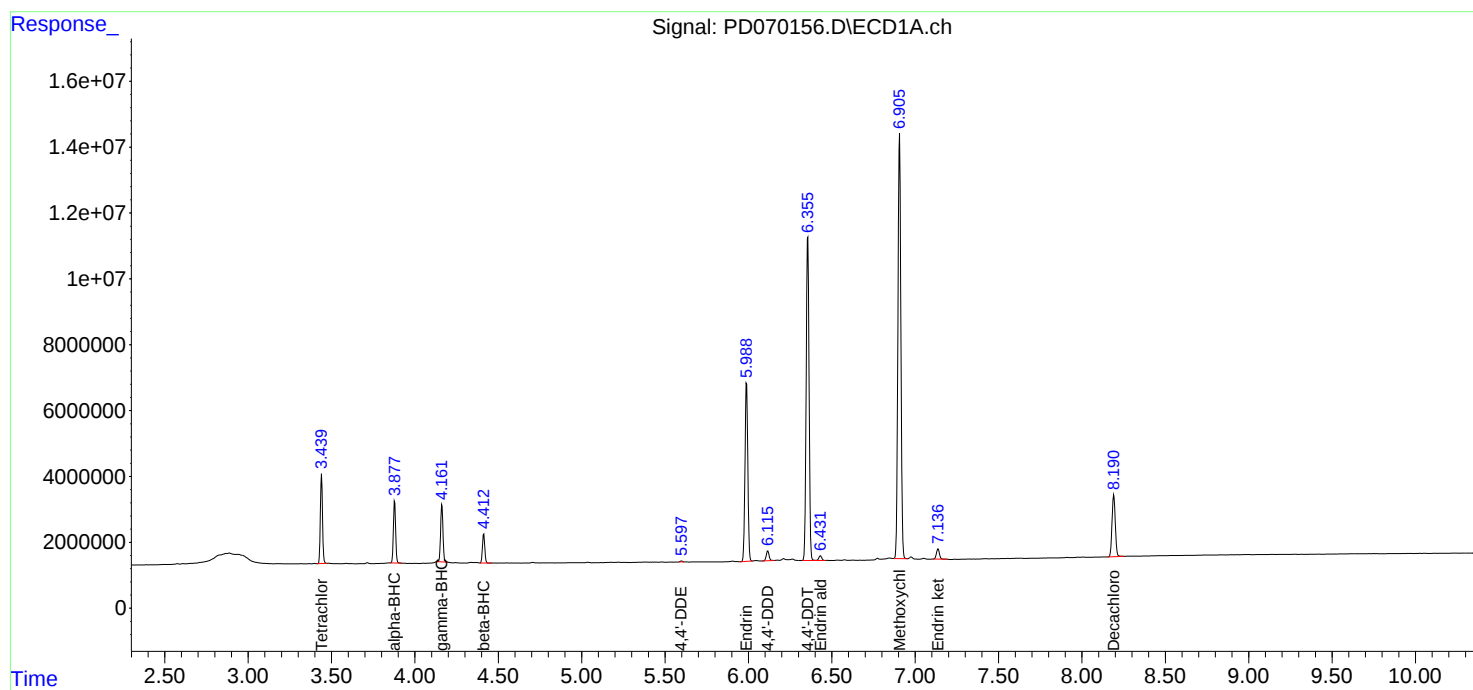
Instrument :
ECD_D
ClientSampleId :
PEM

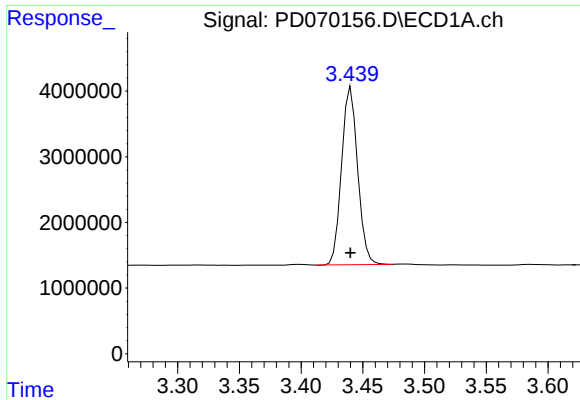
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Integration File signal 1: autoint1.e
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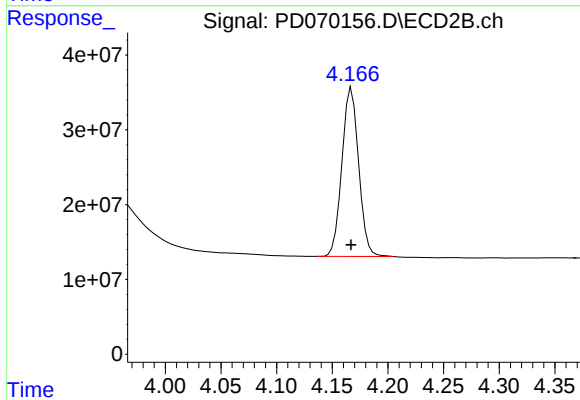
#1 Tetrachloro-m-xylene

R.T.: 3.440 min
Delta R.T.: 0.000 min
Response: 24471937
Conc: 22.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

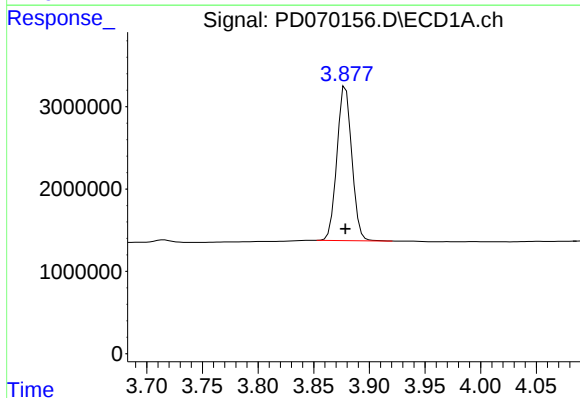
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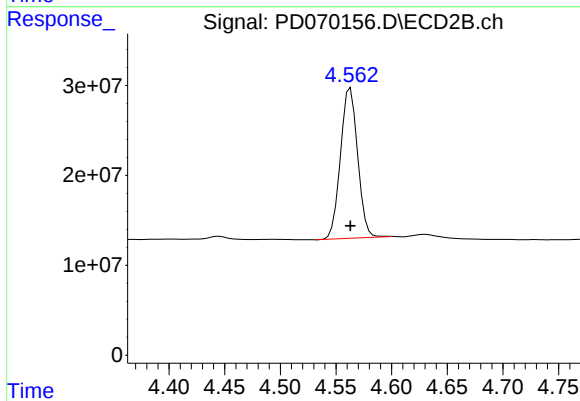
#1 Tetrachloro-m-xylene

R.T.: 4.167 min
Delta R.T.: 0.000 min
Response: 236034196
Conc: 24.18 ng/ml



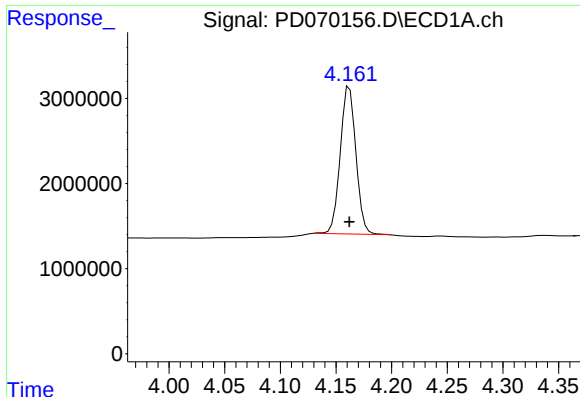
#2 alpha-BHC

R.T.: 3.879 min
Delta R.T.: 0.000 min
Response: 17440181
Conc: 10.66 ng/ml



#2 alpha-BHC

R.T.: 4.563 min
Delta R.T.: 0.000 min
Response: 179652494
Conc: 12.33 ng/ml



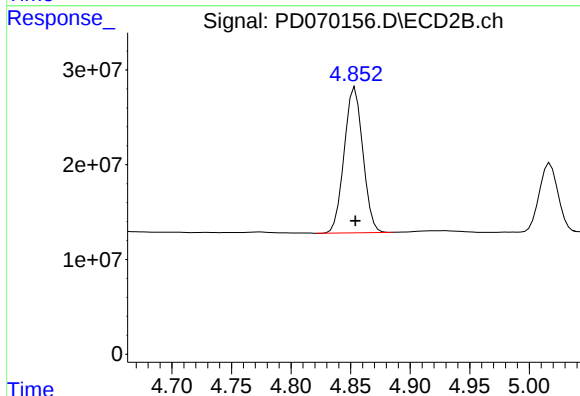
#3 gamma-BHC (Lindane)

R.T.: 4.162 min
Delta R.T.: 0.000 min
Response: 16953753
Conc: 11.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

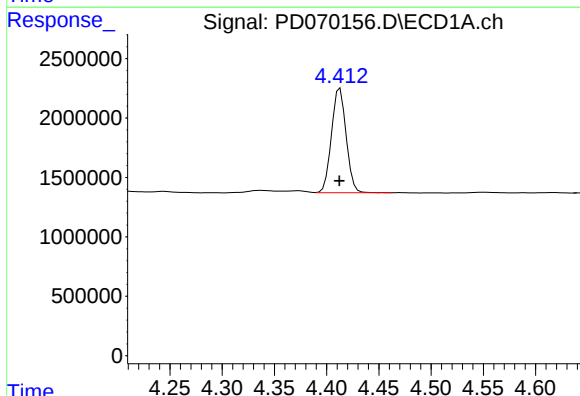
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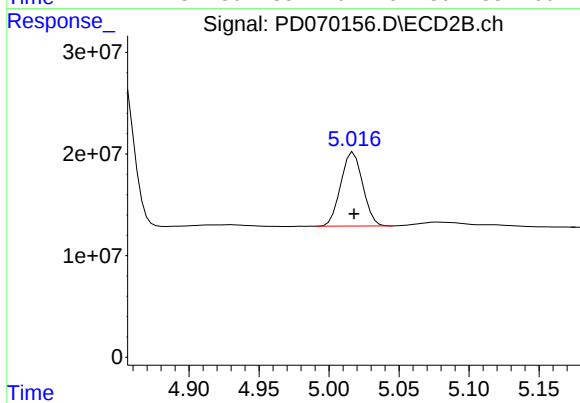
#3 gamma-BHC (Lindane)

R.T.: 4.854 min
Delta R.T.: 0.000 min
Response: 167312265
Conc: 12.40 ng/ml



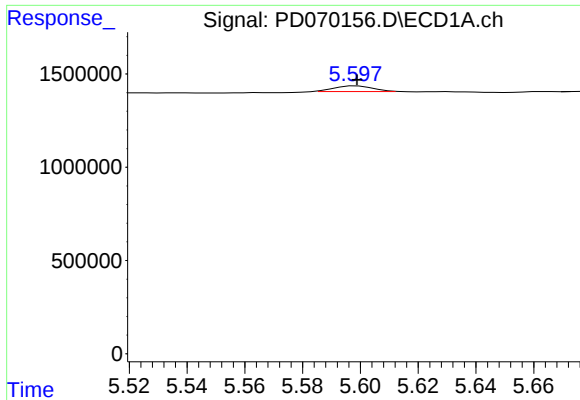
#6 beta-BHC

R.T.: 4.413 min
Delta R.T.: 0.000 min
Response: 8580762
Conc: 11.93 ng/ml



#6 beta-BHC

R.T.: 5.018 min
Delta R.T.: 0.000 min
Response: 79429979
Conc: 13.05 ng/ml



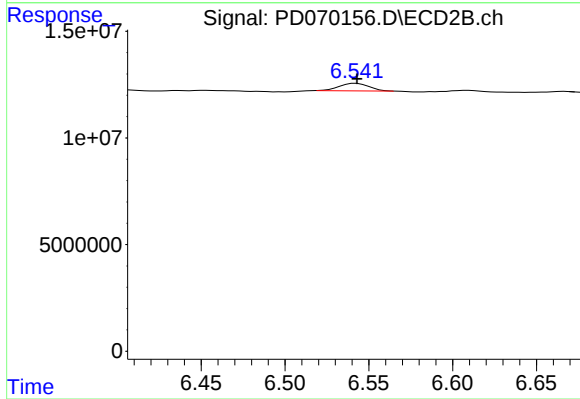
#12 4,4'-DDE

R.T.: 5.597 min
Delta R.T.: -0.001 min
Response: 273700
Conc: 0.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

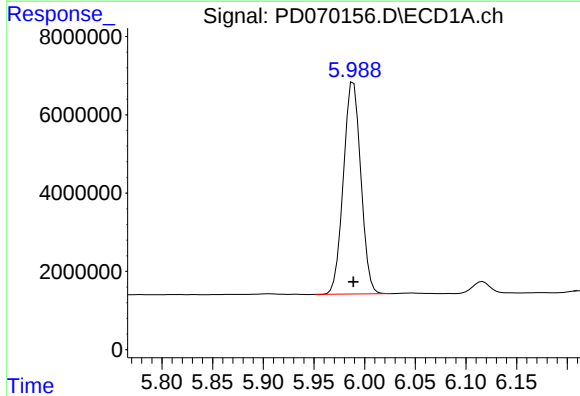
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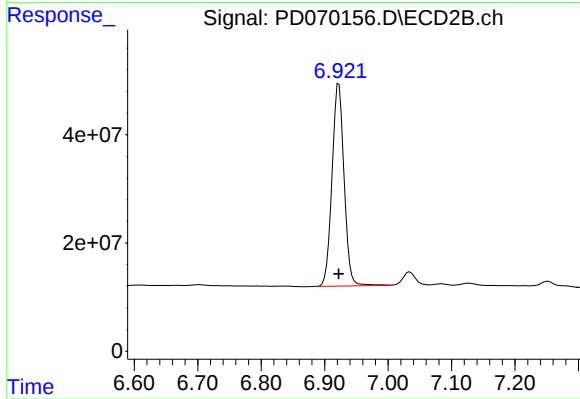
#12 4,4'-DDE

R.T.: 6.541 min
Delta R.T.: -0.002 min
Response: 4377310
Conc: 0.42 ng/ml m



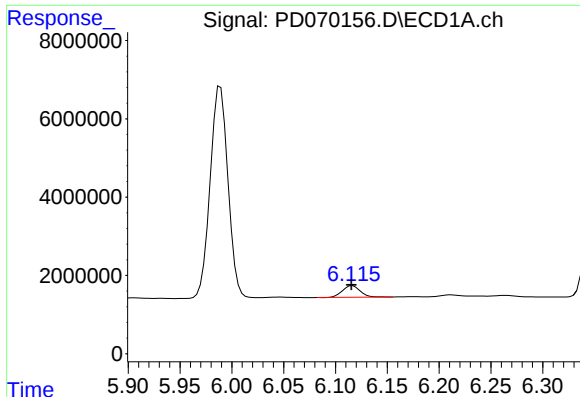
#14 Endrin

R.T.: 5.989 min
Delta R.T.: 0.000 min
Response: 64621384
Conc: 53.66 ng/ml



#14 Endrin

R.T.: 6.922 min
Delta R.T.: 0.000 min
Response: 494314257
Conc: 58.89 ng/ml



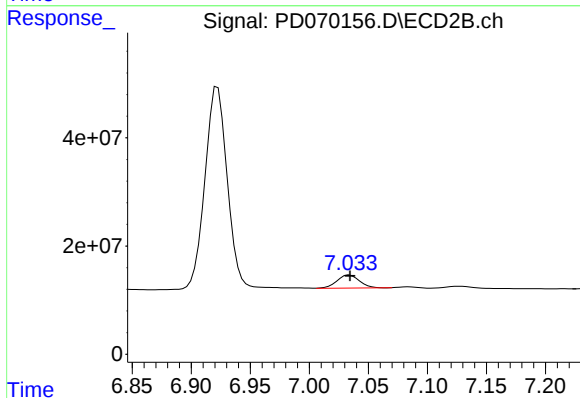
#16 4,4'-DDD

R.T.: 6.117 min
Delta R.T.: 0.001 min
Response: 3515951
Conc: 3.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

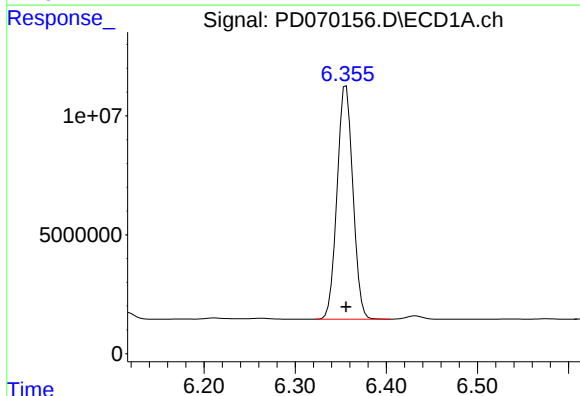
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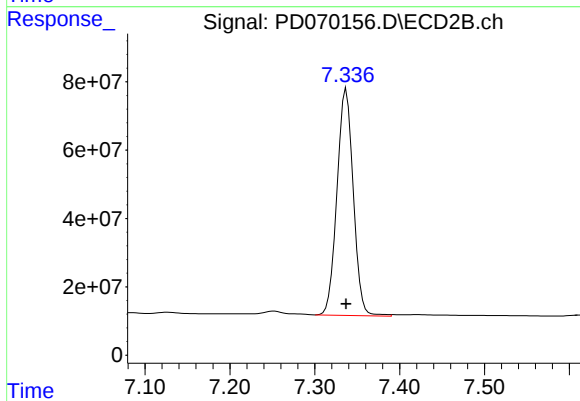
#16 4,4'-DDD

R.T.: 7.034 min
Delta R.T.: 0.000 min
Response: 32466489
Conc: 3.86 ng/ml



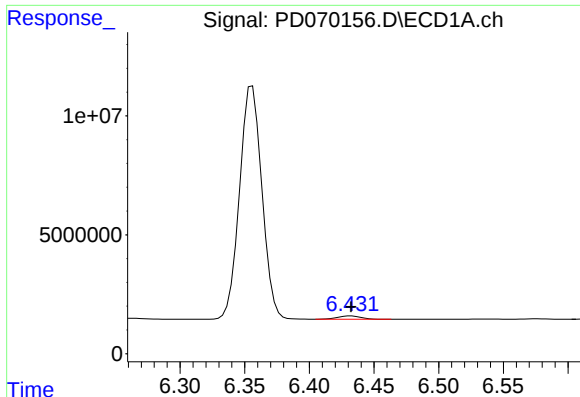
#17 4,4'-DDT

R.T.: 6.356 min
Delta R.T.: 0.000 min
Response: 118441934
Conc: 111.64 ng/ml



#17 4,4'-DDT

R.T.: 7.337 min
Delta R.T.: 0.000 min
Response: 882643191
Conc: 102.84 ng/ml



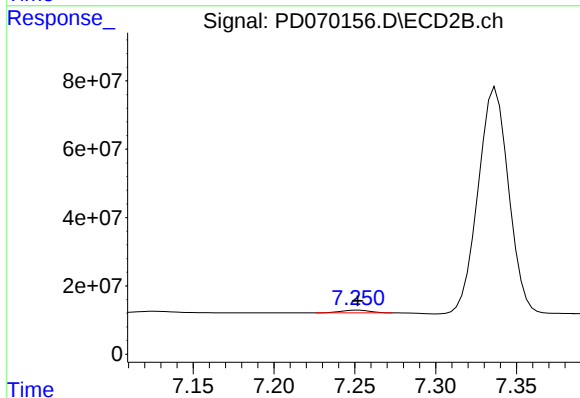
#18 Endrin aldehyde

R.T.: 6.432 min
Delta R.T.: 0.000 min
Response: 1729347
Conc: 1.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

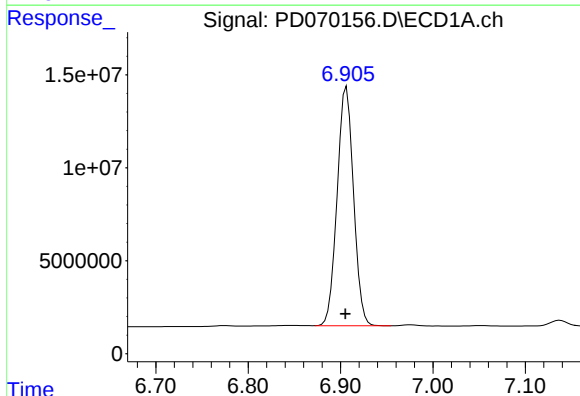
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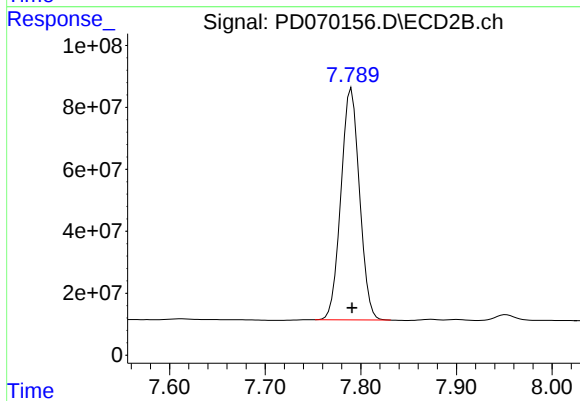
#18 Endrin aldehyde

R.T.: 7.250 min
Delta R.T.: -0.001 min
Response: 9788859
Conc: 1.43 ng/ml m



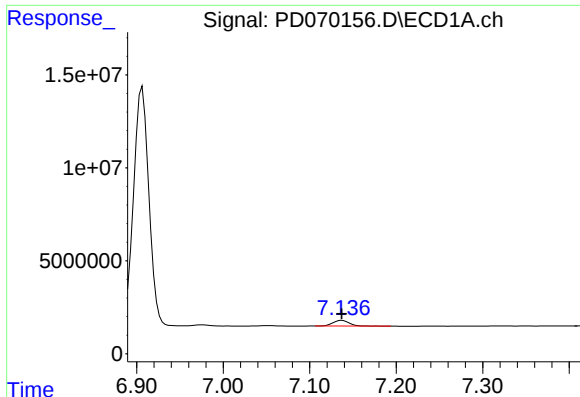
#20 Methoxychlor

R.T.: 6.907 min
Delta R.T.: 0.001 min
Response: 158575589
Conc: 257.21 ng/ml



#20 Methoxychlor

R.T.: 7.790 min
Delta R.T.: 0.000 min
Response: 1010639838
Conc: 239.68 ng/ml



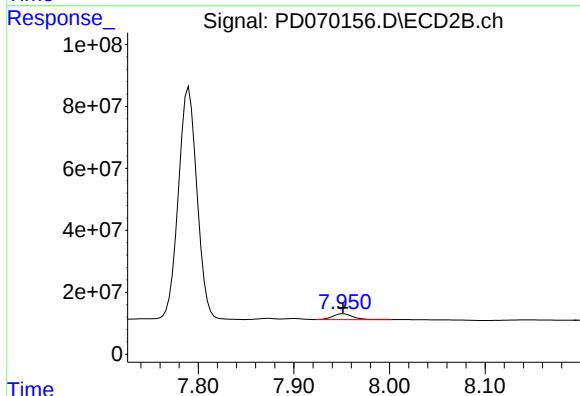
#21 Endrin ketone

R.T.: 7.137 min
Delta R.T.: 0.000 min
Response: 3938098
Conc: 2.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

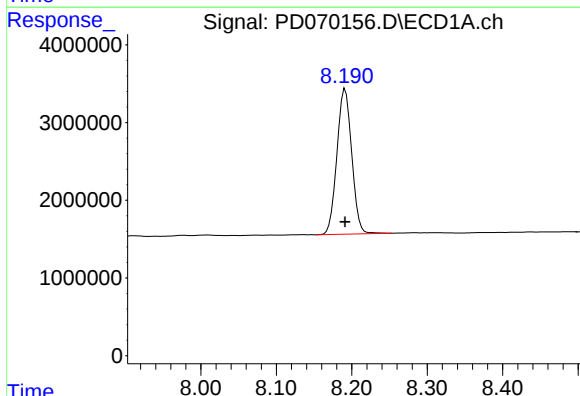
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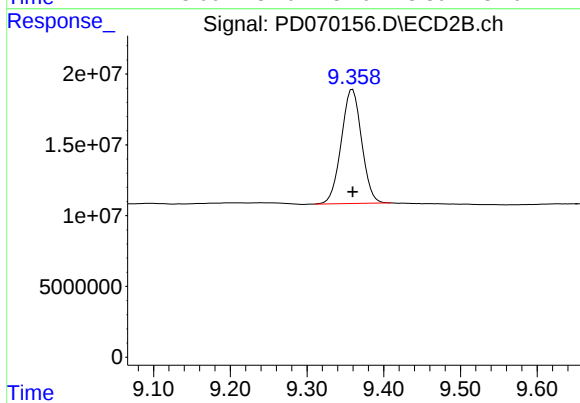
#21 Endrin ketone

R.T.: 7.952 min
Delta R.T.: 0.000 min
Response: 27799254
Conc: 3.20 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.191 min
Delta R.T.: 0.000 min
Response: 25501711
Conc: 22.93 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.359 min
Delta R.T.: 0.000 min
Response: 149191236
Conc: 24.26 ng/ml