

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD060622\
 Data File : PD070137.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Jun 2022 19:51
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/07/2022
 Supervised By : Ankita Jodhani 06/07/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 07 06:29:02 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 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...	3.440	4.168	22004427	204.7E6	20.268	20.969
28)	SA Decachlor...	8.191	9.360	23277259	131.5E6	20.931	21.379
Target Compounds							
2)	A alpha-BHC	3.878	4.564	15591763	156.3E6	9.533	10.727
3)	MA gamma-BHC...	4.161	4.854	15184227	145.5E6	9.861	10.781
6)	B beta-BHC	4.413	5.018	8100732	70053185	11.260	11.506
12)	B 4,4'-DDE	5.597	6.542	277381	4534227	0.222m	0.432m#
14)	MA Endrin	5.989	6.922	58193640	421.9E6	48.322	50.263
16)	A 4,4'-DDD	6.116	7.035	2976771	26057918	2.741	3.098
17)	MA 4,4'-DDT	6.356	7.337	107.6E6	776.6E6	101.448	90.485
18)	B Endrin al...	6.432	7.250	1781571	9651491	1.925	1.406m#
20)	A Methoxychlor	6.906	7.790	145.4E6	914.2E6	235.897	216.810
21)	B Endrin ke...	7.138	7.952	3510271	22211151	2.608	2.560

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

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Acq On : 06 Jun 2022 19:51
Operator : AR\AJ
Sample : PEM
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ALS Vial : 3 Sample Multiplier: 1

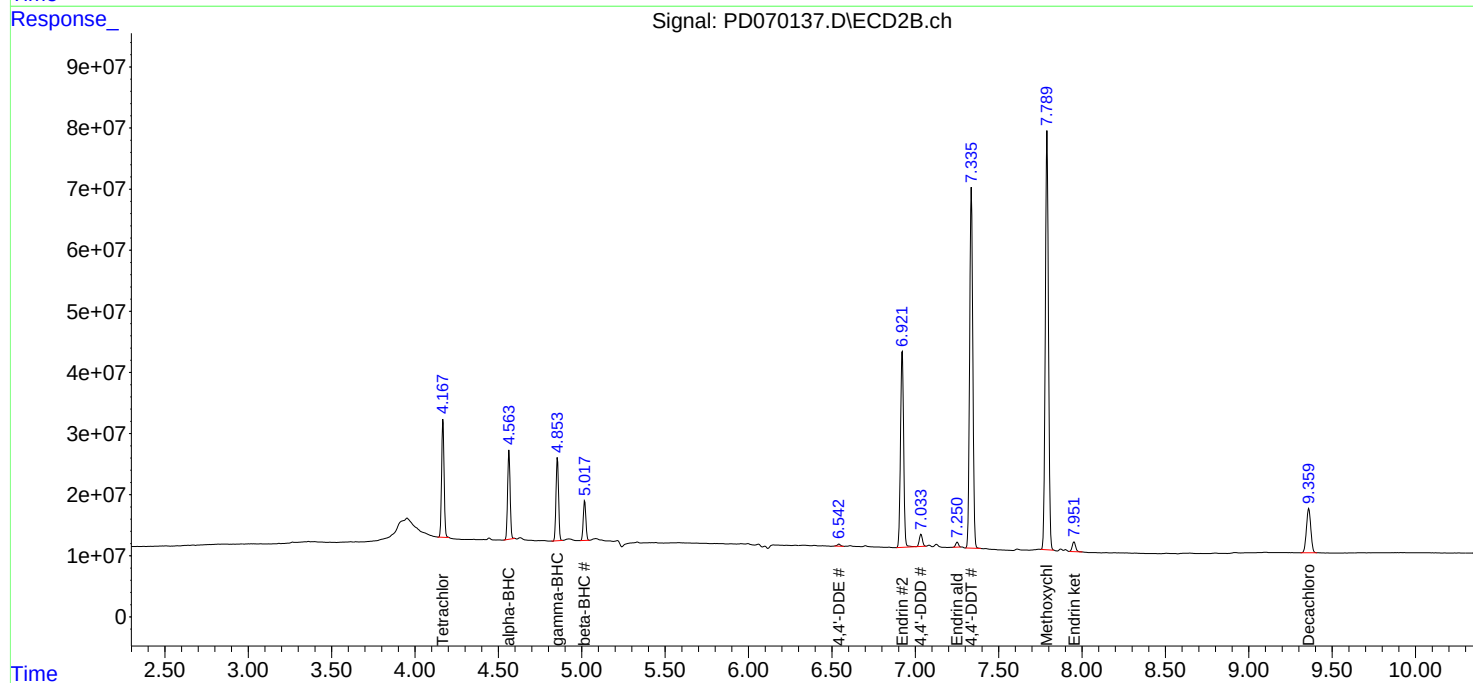
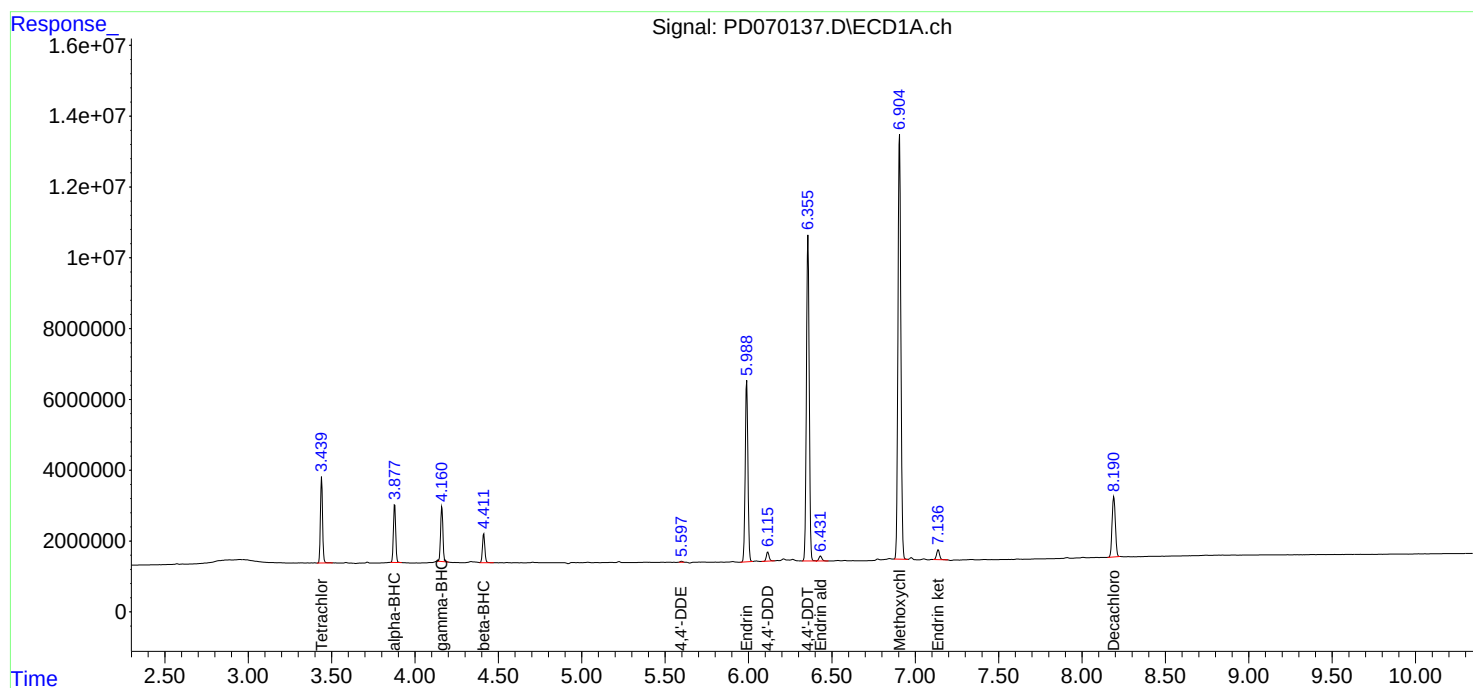
Instrument :
ECD_D
ClientSampleId :
PEM

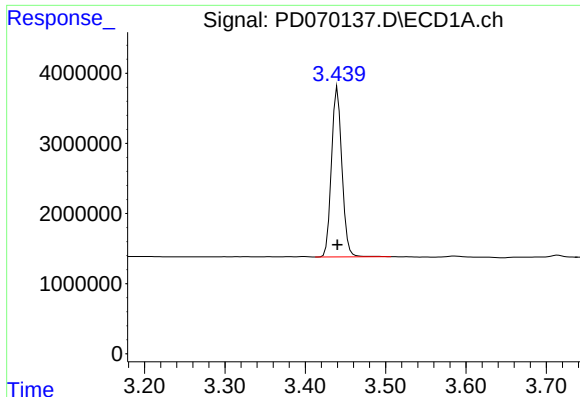
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Integration File signal 1: autoint1.e
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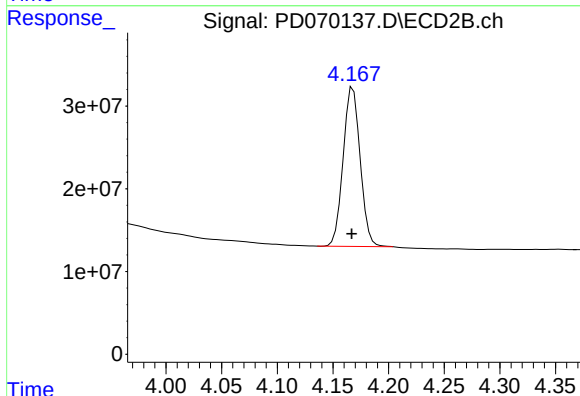
#1 Tetrachloro-m-xylene

R.T.: 3.440 min
Delta R.T.: 0.000 min
Response: 22004427
Conc: 20.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

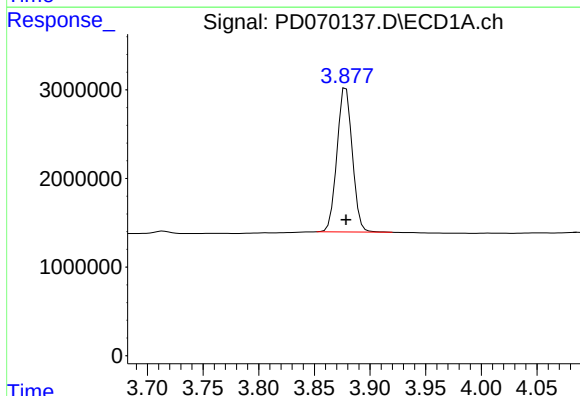
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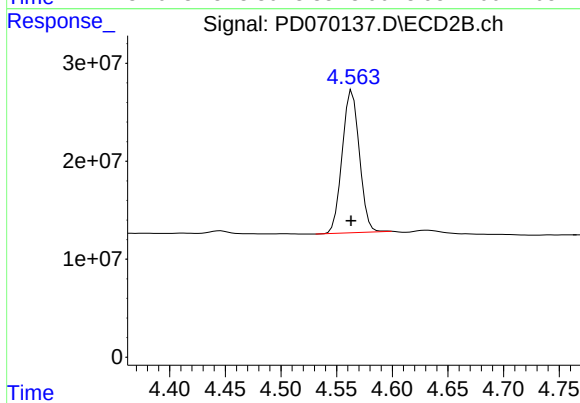
#1 Tetrachloro-m-xylene

R.T.: 4.168 min
Delta R.T.: 0.001 min
Response: 204688148
Conc: 20.97 ng/ml



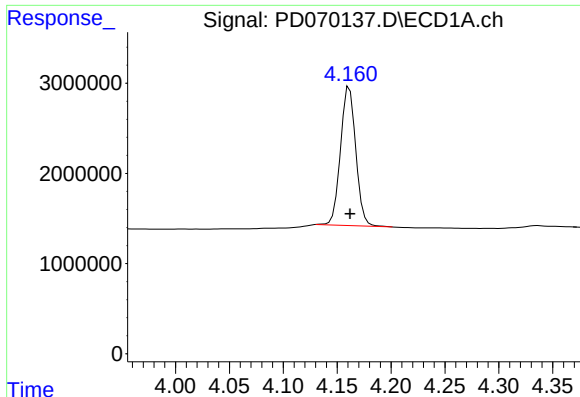
#2 alpha-BHC

R.T.: 3.878 min
Delta R.T.: 0.000 min
Response: 15591763
Conc: 9.53 ng/ml



#2 alpha-BHC

R.T.: 4.564 min
Delta R.T.: 0.001 min
Response: 156342718
Conc: 10.73 ng/ml



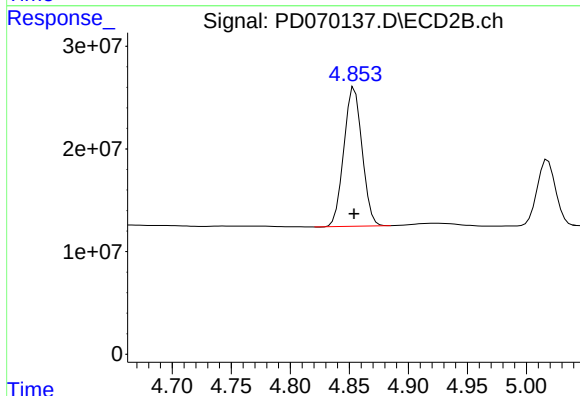
#3 gamma-BHC (Lindane)

R.T.: 4.161 min
Delta R.T.: 0.000 min
Response: 15184227
Conc: 9.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

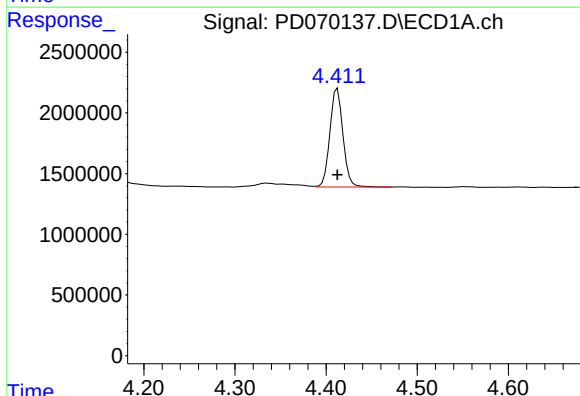
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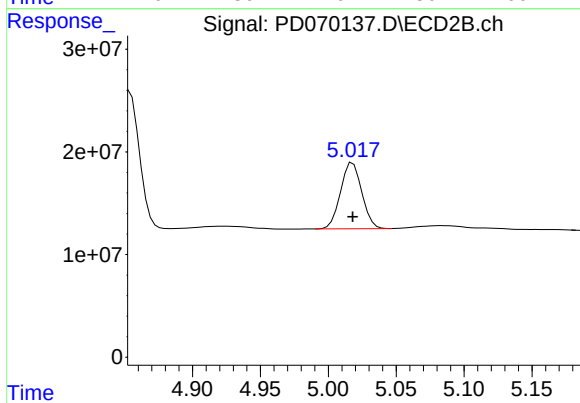
#3 gamma-BHC (Lindane)

R.T.: 4.854 min
Delta R.T.: 0.000 min
Response: 145470158
Conc: 10.78 ng/ml



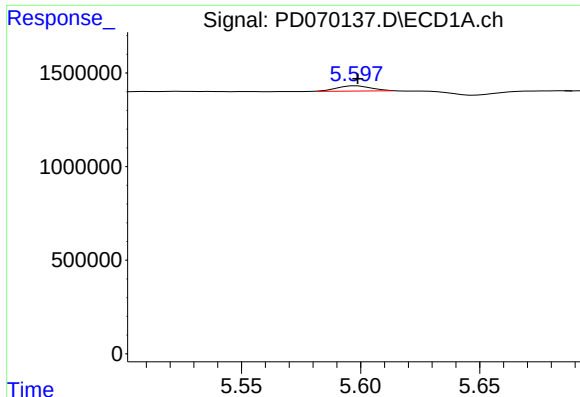
#6 beta-BHC

R.T.: 4.413 min
Delta R.T.: 0.000 min
Response: 8100732
Conc: 11.26 ng/ml



#6 beta-BHC

R.T.: 5.018 min
Delta R.T.: 0.000 min
Response: 70053185
Conc: 11.51 ng/ml



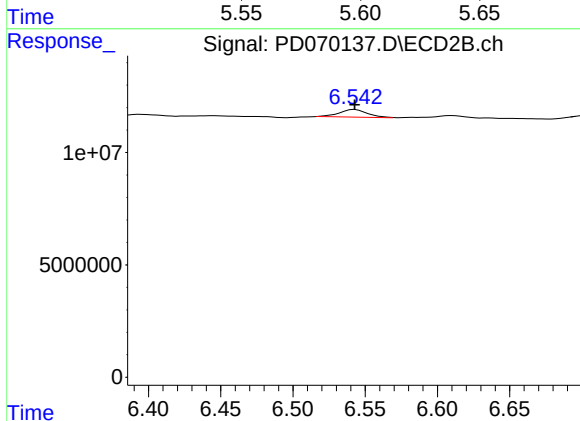
#12 4,4'-DDE

R.T.: 5.597 min
Delta R.T.: -0.002 min
Response: 277381
Conc: 0.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

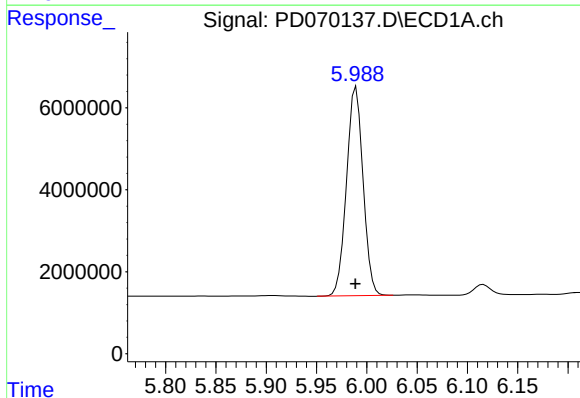
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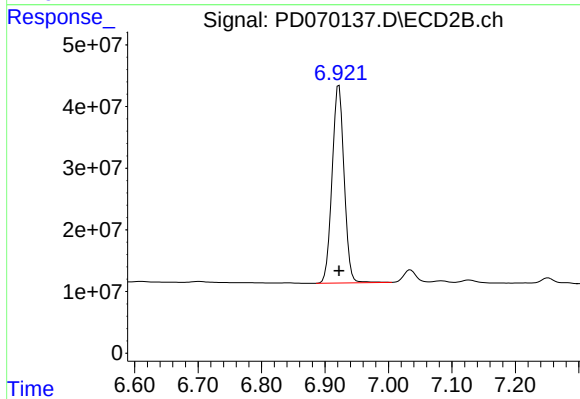
#12 4,4'-DDE

R.T.: 6.542 min
Delta R.T.: -0.001 min
Response: 4534227
Conc: 0.43 ng/ml m



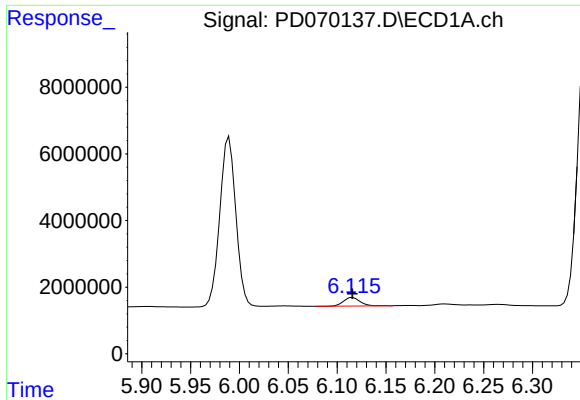
#14 Endrin

R.T.: 5.989 min
Delta R.T.: 0.000 min
Response: 58193640
Conc: 48.32 ng/ml



#14 Endrin

R.T.: 6.922 min
Delta R.T.: 0.000 min
Response: 421900765
Conc: 50.26 ng/ml



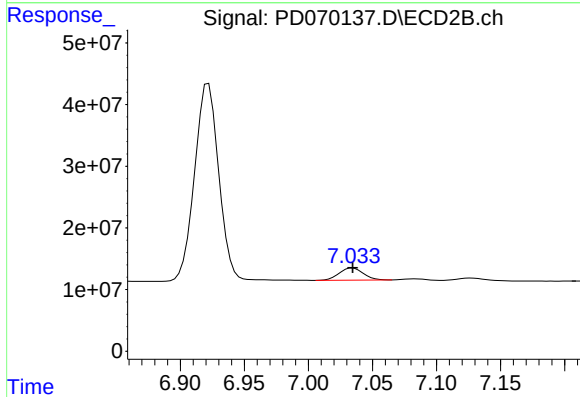
#16 4,4'-DDD

R.T.: 6.116 min
Delta R.T.: 0.000 min
Response: 2976771
Conc: 2.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

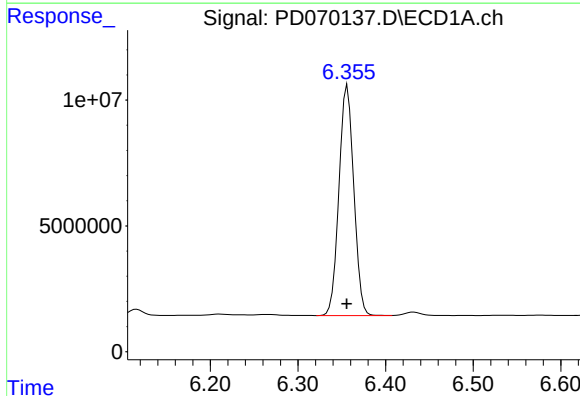
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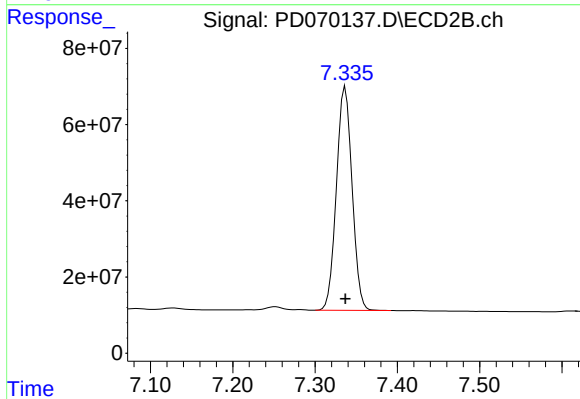
#16 4,4'-DDD

R.T.: 7.035 min
Delta R.T.: 0.000 min
Response: 26057918
Conc: 3.10 ng/ml



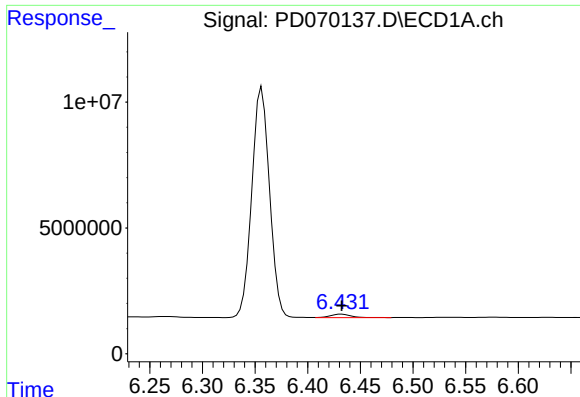
#17 4,4'-DDT

R.T.: 6.356 min
Delta R.T.: 0.000 min
Response: 107626196
Conc: 101.45 ng/ml



#17 4,4'-DDT

R.T.: 7.337 min
Delta R.T.: 0.000 min
Response: 776638428
Conc: 90.48 ng/ml



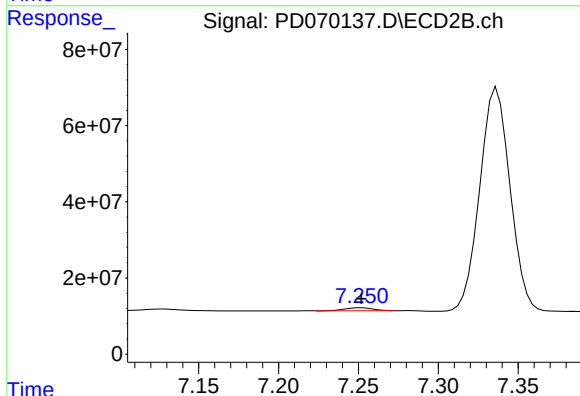
#18 Endrin aldehyde

R.T.: 6.432 min
Delta R.T.: 0.000 min
Response: 1781571
Conc: 1.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

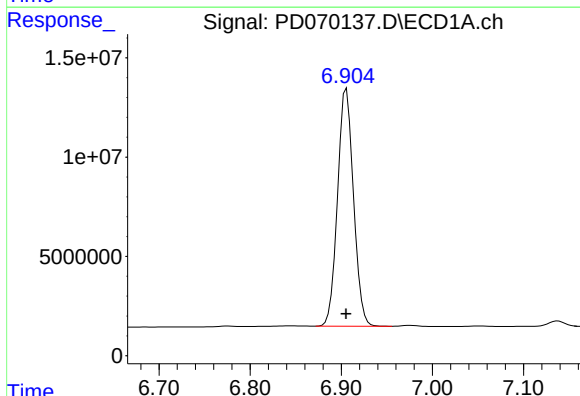
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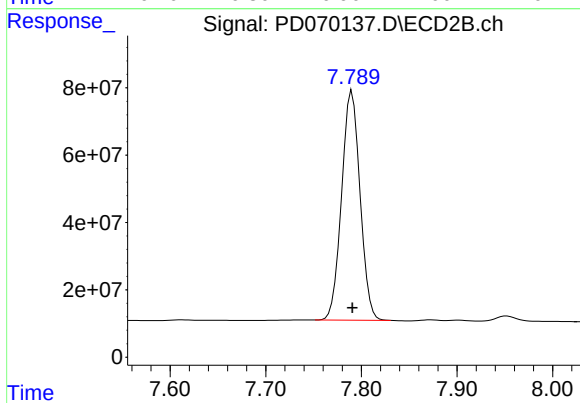
#18 Endrin aldehyde

R.T.: 7.250 min
Delta R.T.: -0.001 min
Response: 9651491
Conc: 1.41 ng/ml m



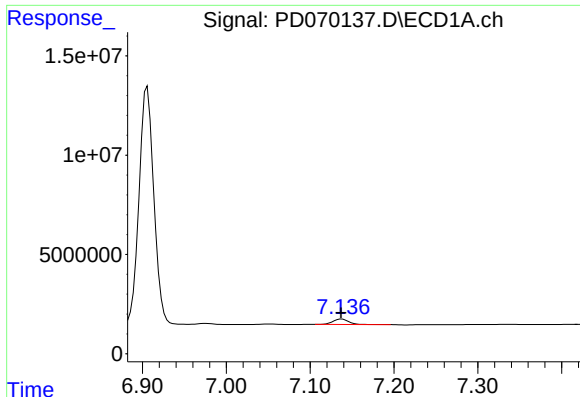
#20 Methoxychlor

R.T.: 6.906 min
Delta R.T.: 0.000 min
Response: 145436874
Conc: 235.90 ng/ml



#20 Methoxychlor

R.T.: 7.790 min
Delta R.T.: 0.000 min
Response: 914201436
Conc: 216.81 ng/ml



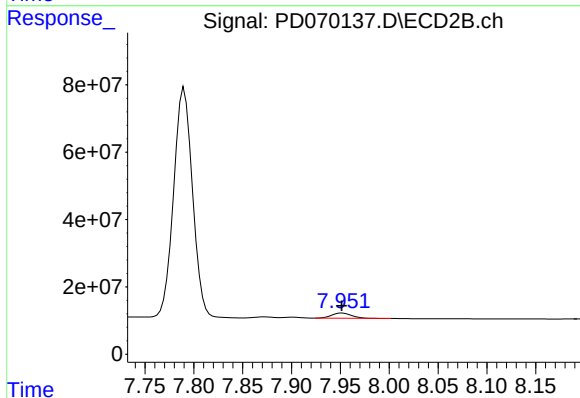
#21 Endrin ketone

R.T.: 7.138 min
Delta R.T.: 0.000 min
Response: 3510271
Conc: 2.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

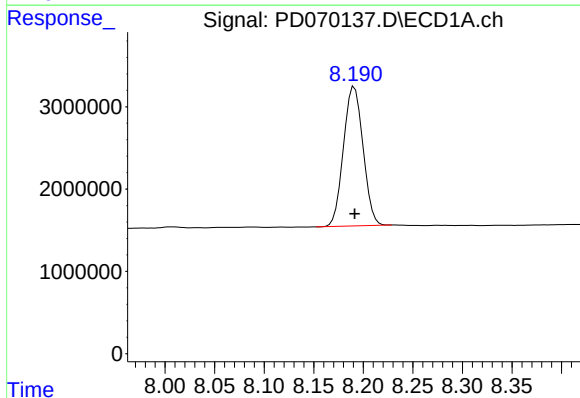
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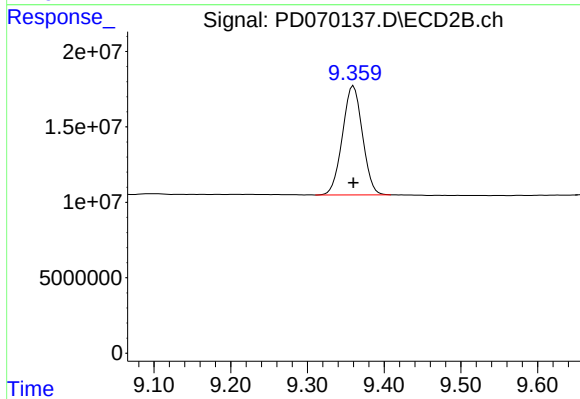
#21 Endrin ketone

R.T.: 7.952 min
Delta R.T.: 0.000 min
Response: 22211151
Conc: 2.56 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.191 min
Delta R.T.: 0.000 min
Response: 23277259
Conc: 20.93 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.360 min
Delta R.T.: 0.000 min
Response: 131490484
Conc: 21.38 ng/ml