

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070522\
 Data File : PD070711.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Jul 2022 17:07
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 05 23:39:52 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD070522.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 05 15:26:13 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...	3.486	4.124	46023215	503.1E6	18.852	19.455
28)	SA Decachlor...	8.265	9.313	50717644	173.1E6	20.454	21.039
Target Compounds							
2)	A alpha-BHC	3.929	4.529	33735866	406.3E6	9.607	11.056
3)	MA gamma-BHC...	4.214	4.822	33648042	388.8E6	9.888	11.968
6)	B beta-BHC	4.462	4.997	15687821	176.1E6	10.750m	7.935 #
14)	MA Endrin	6.055	6.893	132.5E6	790.0E6	49.274	51.319
16)	A 4,4'-DDD	6.180	7.005	1552855	12704082	0.636m	0.898m#
17)	MA 4,4'-DDT	6.424	7.309	272.4E6	1508.5E6	109.085	99.004
18)	B Endrin al...	6.498	7.231	3513866	14010571	1.890	1.224m#
20)	A Methoxychlor	6.975	7.768	357.6E6	1700.3E6	250.220	247.923
21)	B Endrin ke...	7.205	7.935	8399223	36607851	3.157	2.853m

(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

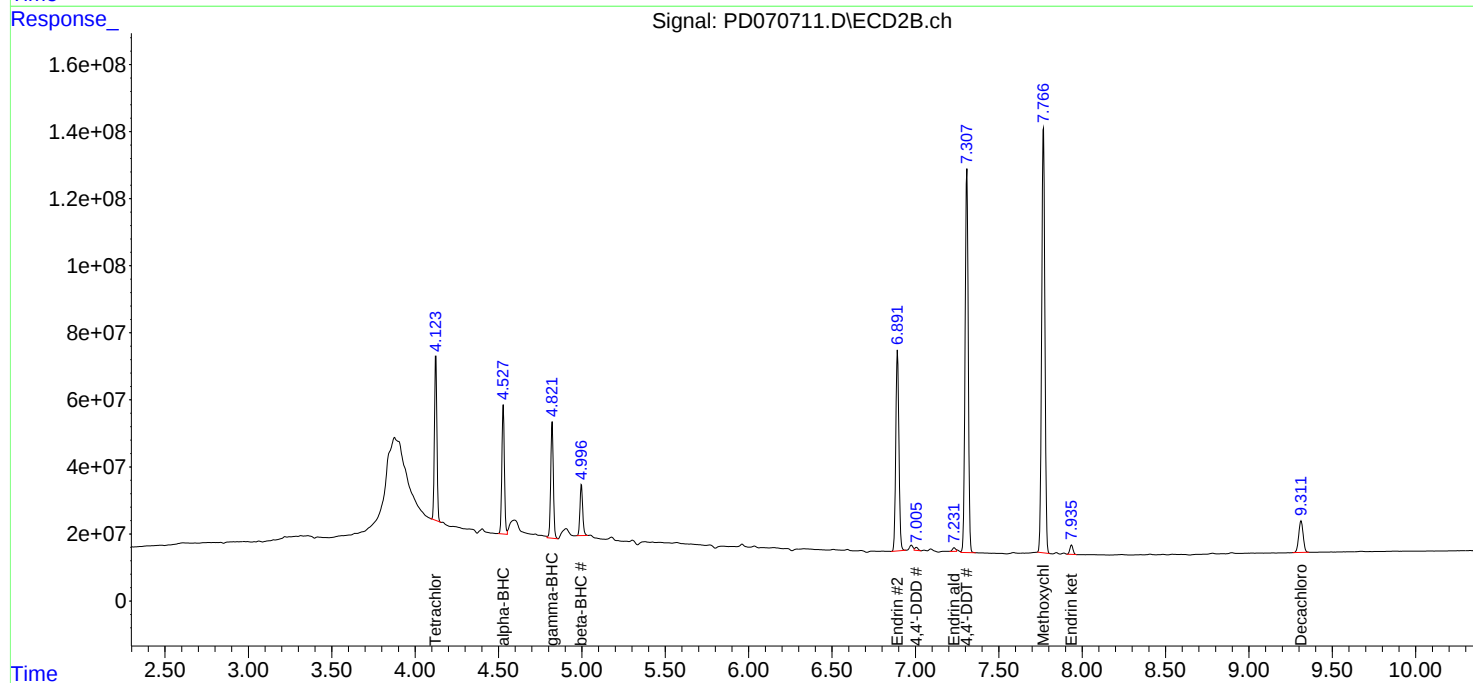
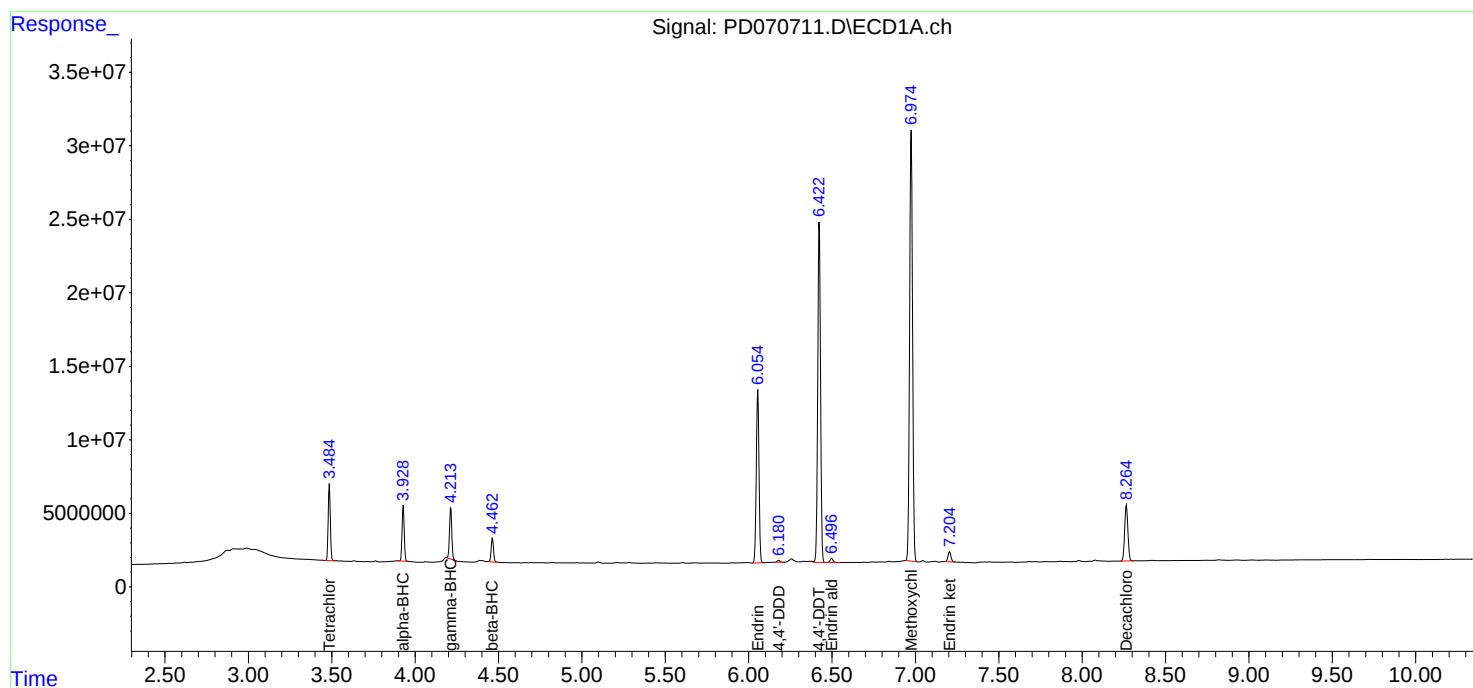
Instrument :
ECD_D
ClientSampleId :
PEM

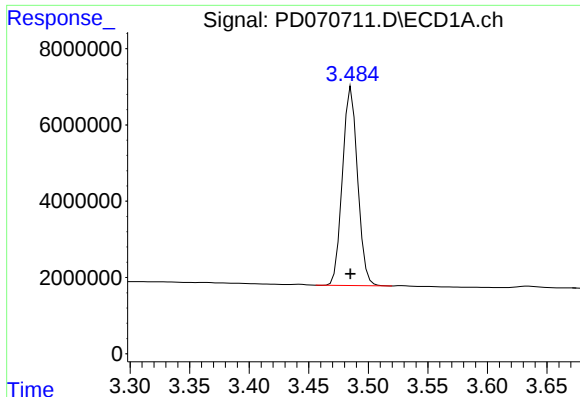
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Integration File signal 1: autoint1.e
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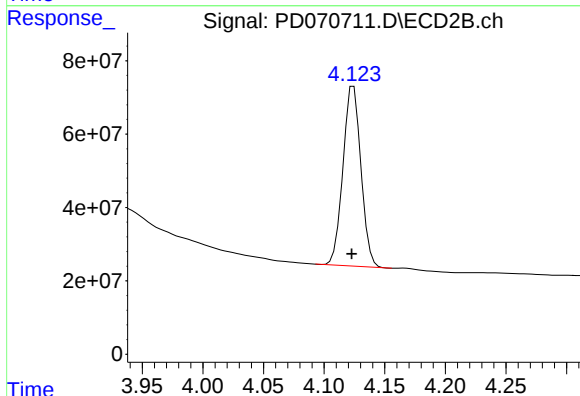
#1 Tetrachloro-m-xylene

R.T.: 3.486 min
Delta R.T.: 0.000 min
Response: 46023215
Conc: 18.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

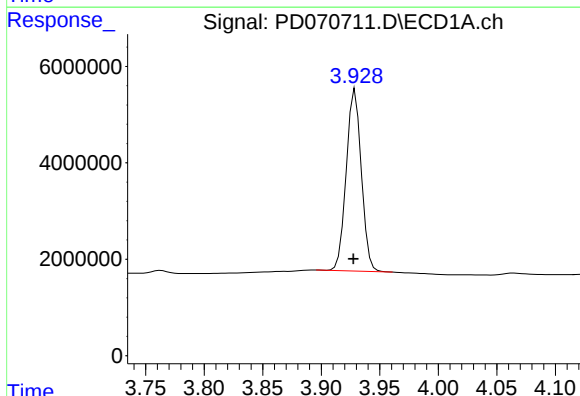
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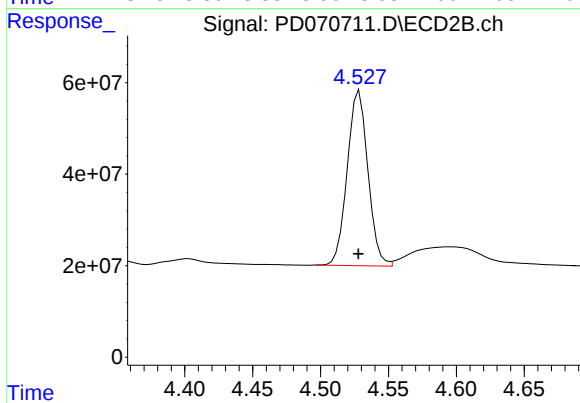
#1 Tetrachloro-m-xylene

R.T.: 4.124 min
Delta R.T.: 0.001 min
Response: 503118548
Conc: 19.45 ng/ml



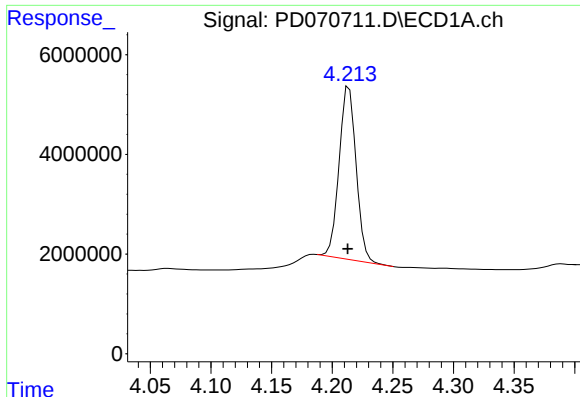
#2 alpha-BHC

R.T.: 3.929 min
Delta R.T.: 0.001 min
Response: 33735866
Conc: 9.61 ng/ml



#2 alpha-BHC

R.T.: 4.529 min
Delta R.T.: 0.000 min
Response: 406283020
Conc: 11.06 ng/ml



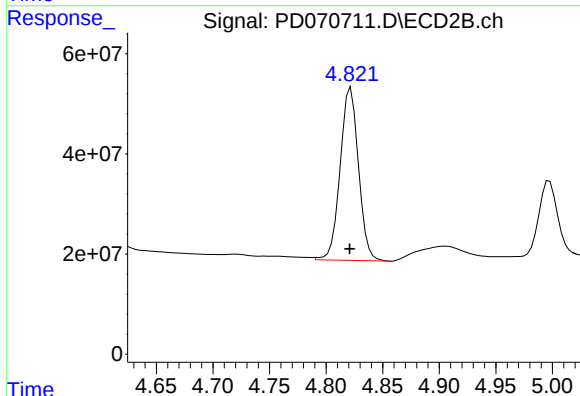
#3 gamma-BHC (Lindane)

R.T.: 4.214 min
Delta R.T.: 0.001 min
Response: 33648042
Conc: 9.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

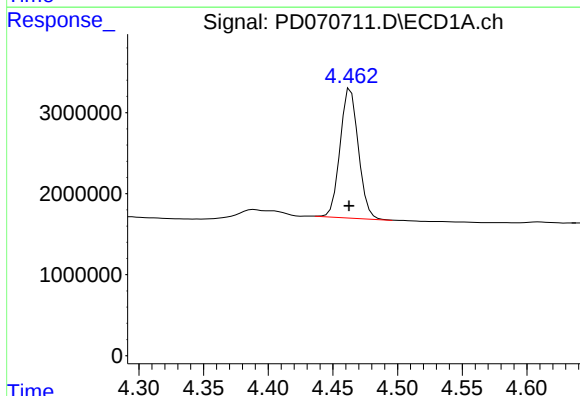
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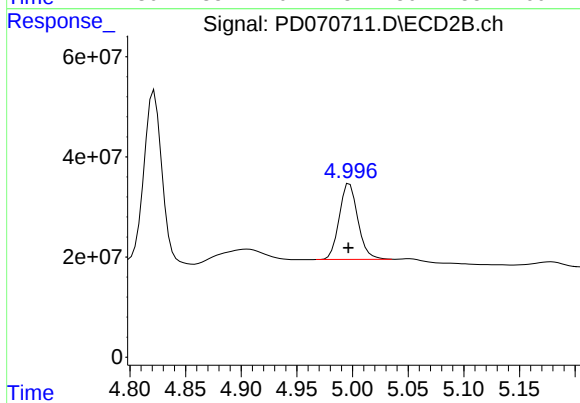
#3 gamma-BHC (Lindane)

R.T.: 4.822 min
Delta R.T.: 0.000 min
Response: 388841971
Conc: 11.97 ng/ml



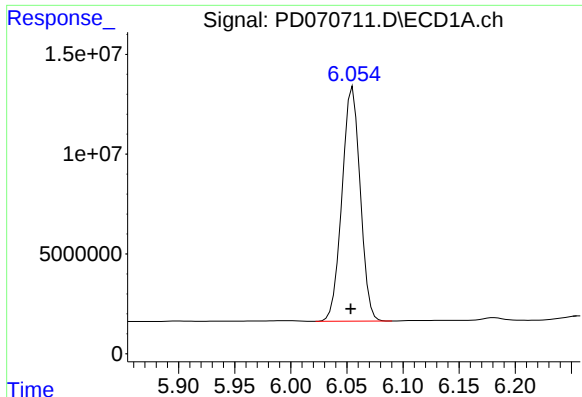
#6 beta-BHC

R.T.: 4.462 min
Delta R.T.: 0.000 min
Response: 15687821
Conc: 10.75 ng/ml m



#6 beta-BHC

R.T.: 4.997 min
Delta R.T.: 0.000 min
Response: 176131934
Conc: 7.94 ng/ml



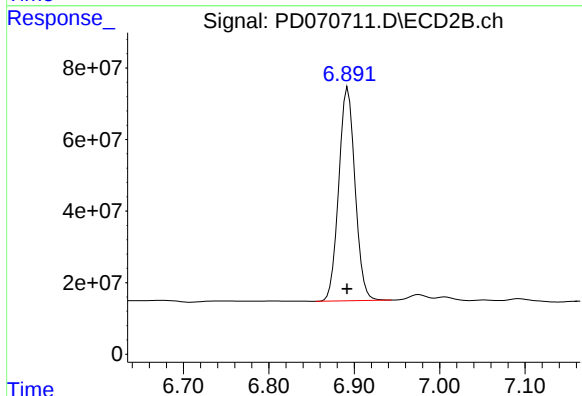
#14 Endrin

R.T.: 6.055 min
Delta R.T.: 0.002 min
Response: 132468747
Conc: 49.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

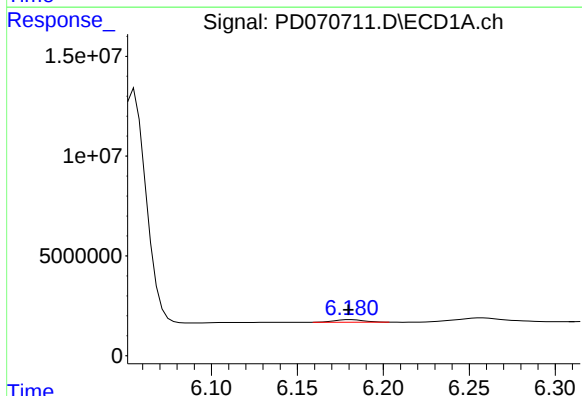
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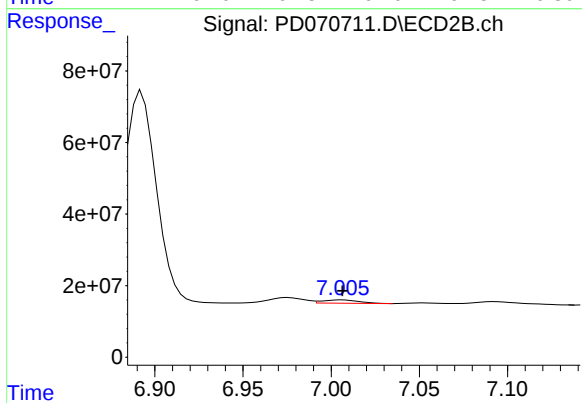
#14 Endrin

R.T.: 6.893 min
Delta R.T.: 0.001 min
Response: 789980025
Conc: 51.32 ng/ml



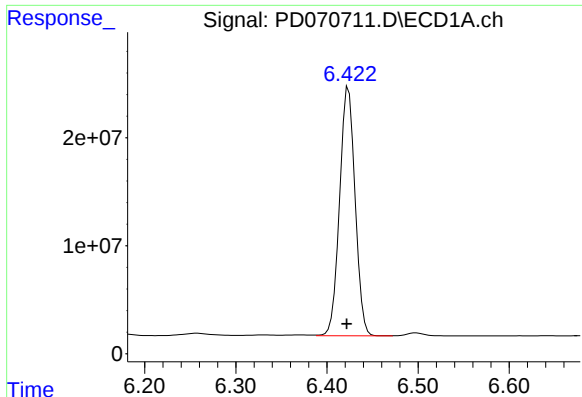
#16 4,4'-DDD

R.T.: 6.180 min
Delta R.T.: 0.000 min
Response: 1552855
Conc: 0.64 ng/ml m



#16 4,4'-DDD

R.T.: 7.005 min
Delta R.T.: -0.001 min
Response: 12704082
Conc: 0.90 ng/ml m



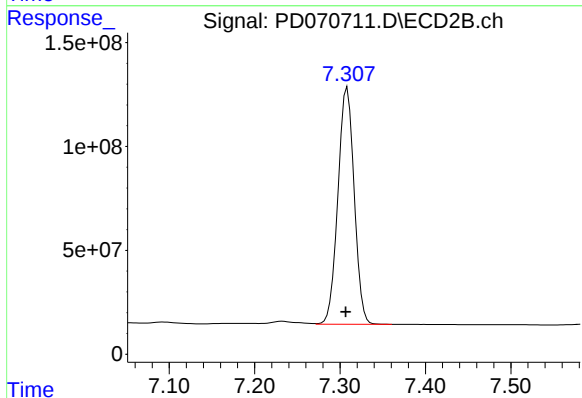
#17 4,4'-DDT

R.T.: 6.424 min
Delta R.T.: 0.002 min
Response: 272356843
Conc: 109.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

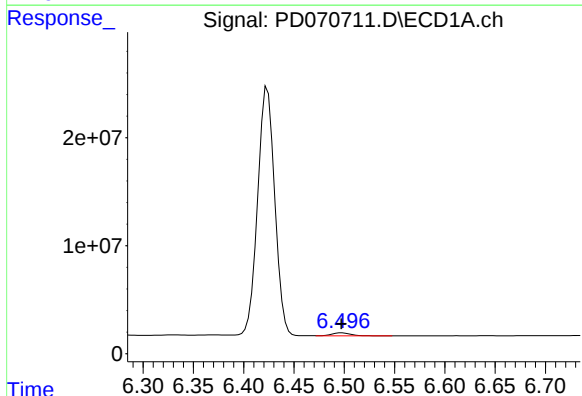
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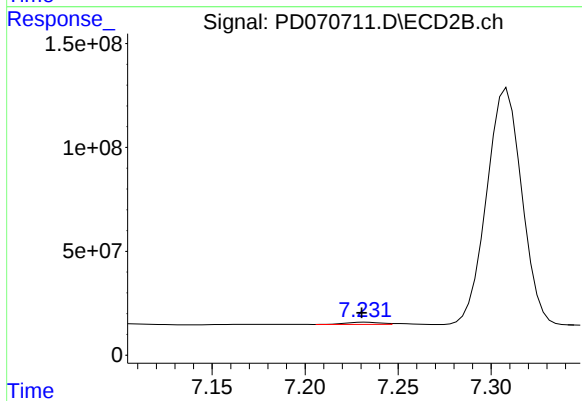
#17 4,4'-DDT

R.T.: 7.309 min
Delta R.T.: 0.002 min
Response: 1508511618
Conc: 99.00 ng/ml



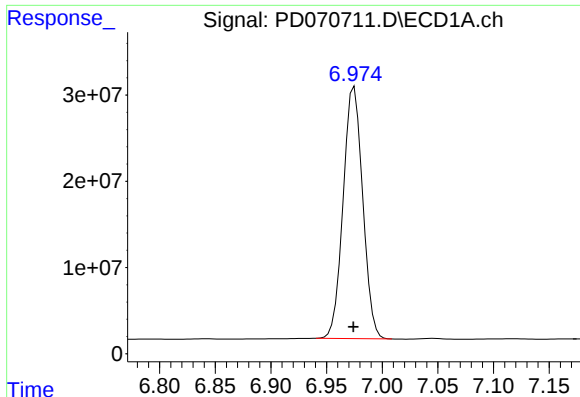
#18 Endrin aldehyde

R.T.: 6.498 min
Delta R.T.: 0.000 min
Response: 3513866
Conc: 1.89 ng/ml



#18 Endrin aldehyde

R.T.: 7.231 min
Delta R.T.: 0.000 min
Response: 14010571
Conc: 1.22 ng/ml m



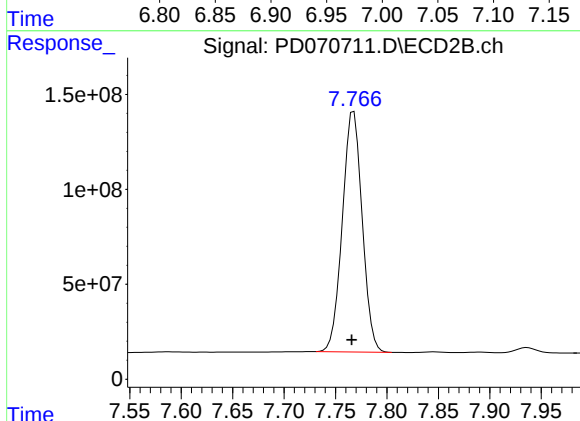
#20 Methoxychlor

R.T.: 6.975 min
Delta R.T.: 0.000 min
Response: 357648298
Conc: 250.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

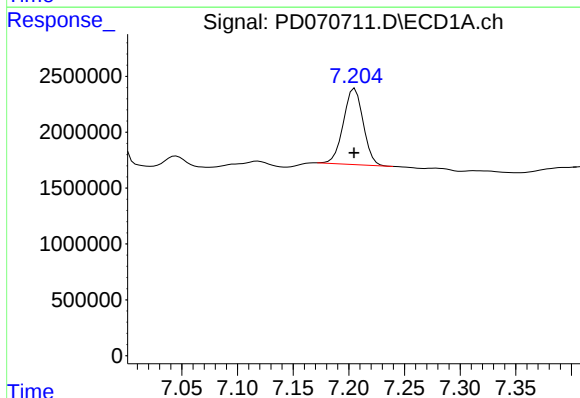
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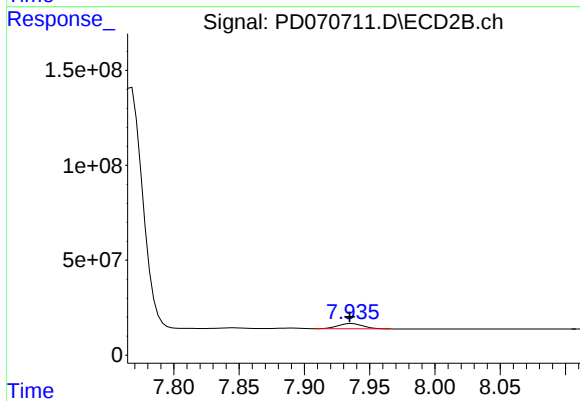
#20 Methoxychlor

R.T.: 7.768 min
Delta R.T.: 0.002 min
Response: 1700268163
Conc: 247.92 ng/ml



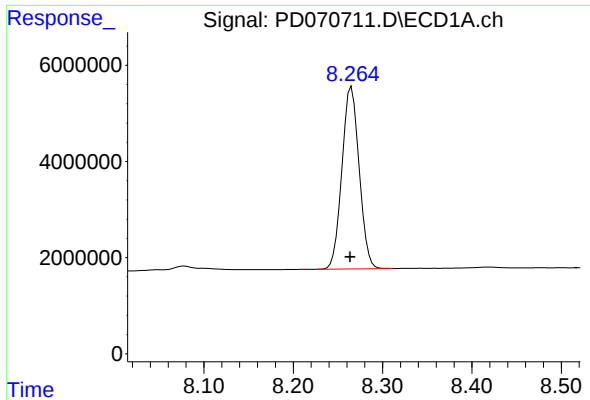
#21 Endrin ketone

R.T.: 7.205 min
Delta R.T.: 0.000 min
Response: 8399223
Conc: 3.16 ng/ml



#21 Endrin ketone

R.T.: 7.935 min
Delta R.T.: 0.000 min
Response: 36607851
Conc: 2.85 ng/ml m



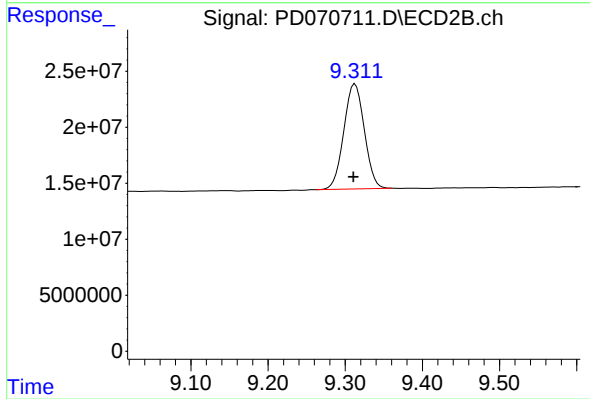
#28 Decachlorobiphenyl

R.T.: 8.265 min
Delta R.T.: 0.001 min
Response: 50717644
Conc: 20.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 9.313 min
Delta R.T.: 0.002 min
Response: 173084497
Conc: 21.04 ng/ml