

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070922\
 Data File : PD070777.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Jul 2022 09:15
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/11/2022
 Supervised By : Ankita Jodhani 07/11/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 08 22:56:32 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 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...	3.485	4.122	49741408	585.0E6	20.375	22.620
28)	SA Decachlor...	8.262	9.310	51719785	172.5E6	20.858	20.969
Target Compounds							
2)	A alpha-BHC	3.927	4.527	37697522	477.4E6	10.735	12.992
3)	MA gamma-BHC...	4.212	4.820	37253999	450.1E6	10.948	13.852 #
6)	B beta-BHC	4.460	4.995	16618574	219.3E6	11.388m	11.438
12)	B 4,4'-DDE	5.659	6.505	337602	3424343	0.116m	0.167m#
14)	MA Endrin	6.052	6.890	135.3E6	823.9E6	50.309	53.522
16)	A 4,4'-DDD	6.178	7.003	5091147	38371742	2.086	2.711m#
17)	MA 4,4'-DDT	6.420	7.306	283.1E6	1628.2E6	113.406	106.857
18)	B Endrin al...	6.495	7.229	4725097	38632307	2.542	3.374 #
20)	A Methoxychlor	6.972	7.765	363.3E6	1754.4E6	254.209	255.814
21)	B Endrin ke...	7.203	7.934	11404918	50042004	4.287	3.900

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

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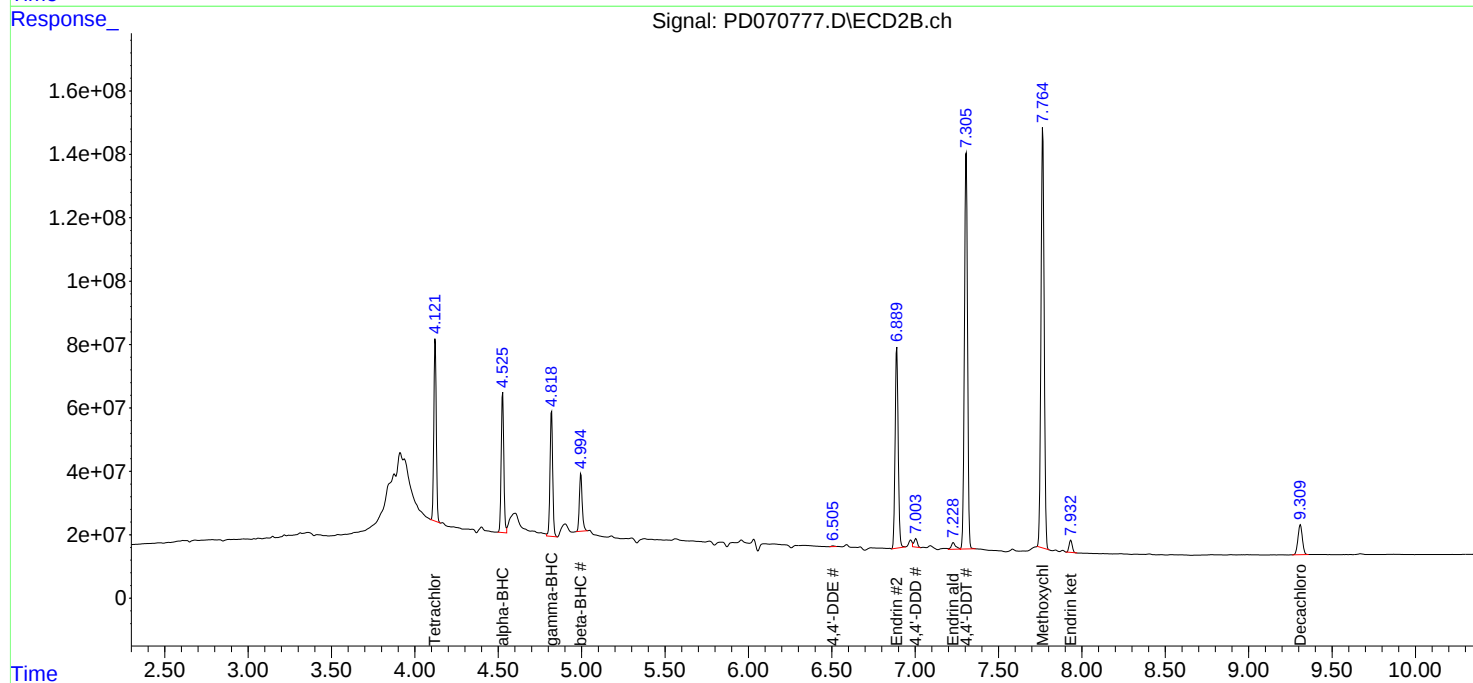
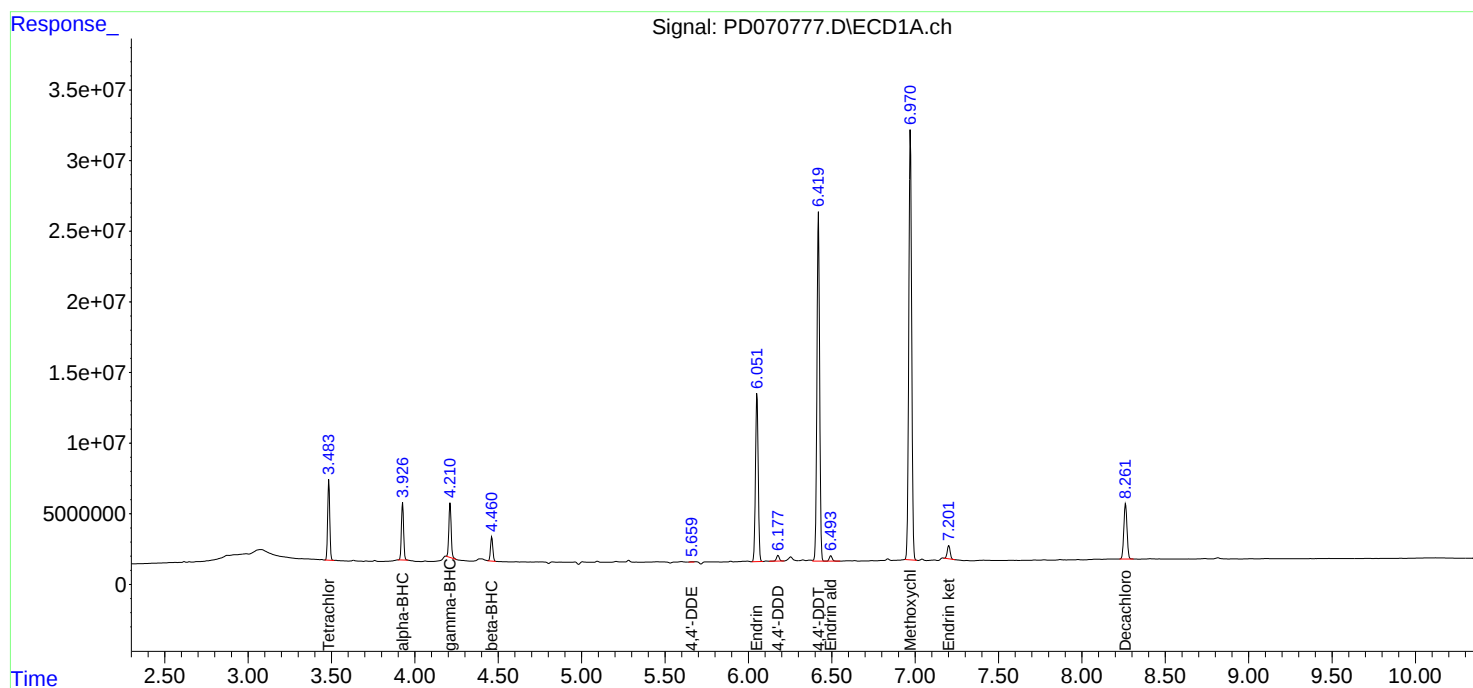
Instrument :
ECD_D
ClientSampleId :
PEM

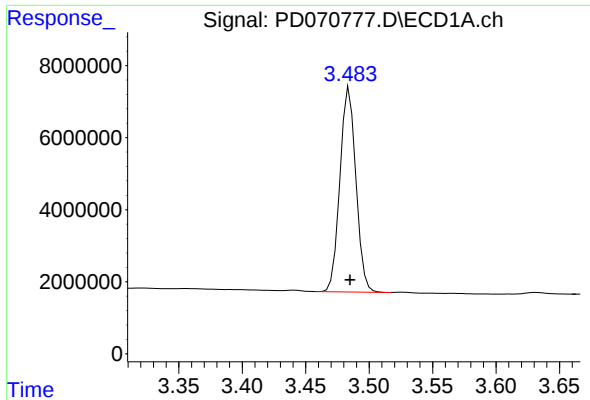
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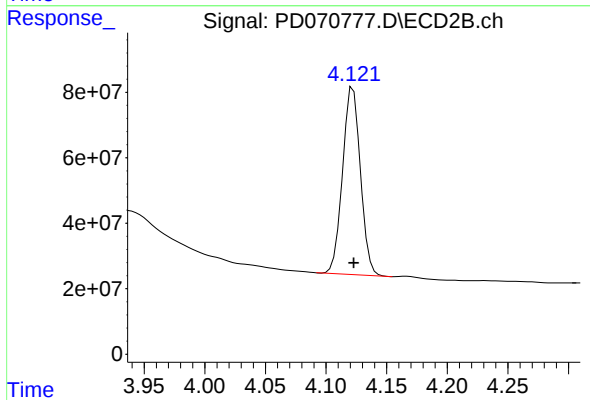
#1 Tetrachloro-m-xylene

R.T.: 3.485 min
Delta R.T.: 0.000 min
Response: 49741408
Conc: 20.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

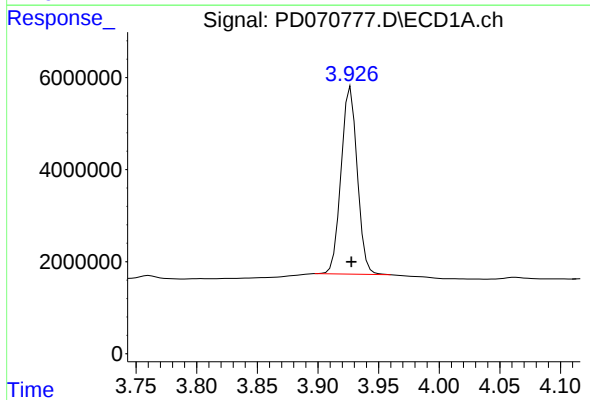
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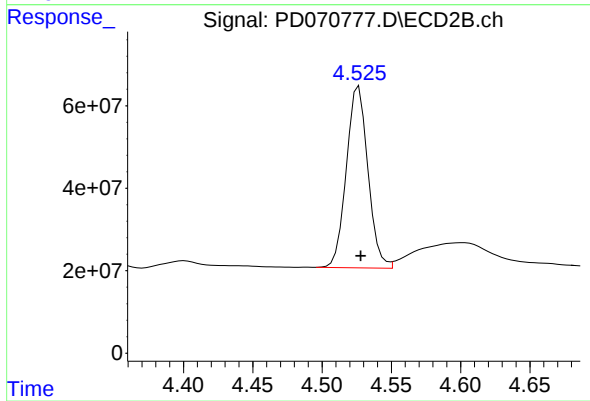
#1 Tetrachloro-m-xylene

R.T.: 4.122 min
Delta R.T.: 0.000 min
Response: 584971308
Conc: 22.62 ng/ml



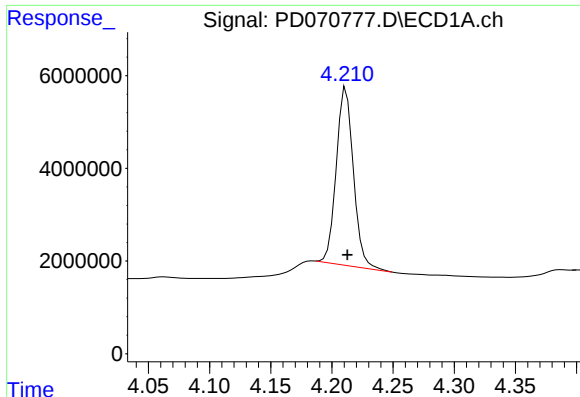
#2 alpha-BHC

R.T.: 3.927 min
Delta R.T.: 0.000 min
Response: 37697522
Conc: 10.74 ng/ml



#2 alpha-BHC

R.T.: 4.527 min
Delta R.T.: -0.001 min
Response: 477424971
Conc: 12.99 ng/ml



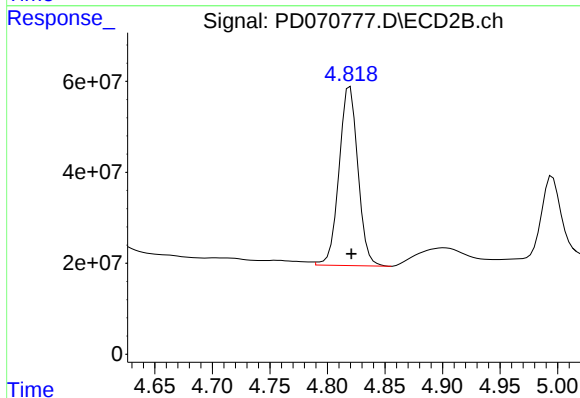
#3 gamma-BHC (Lindane)

R.T.: 4.212 min
Delta R.T.: 0.000 min
Response: 37253999
Conc: 10.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

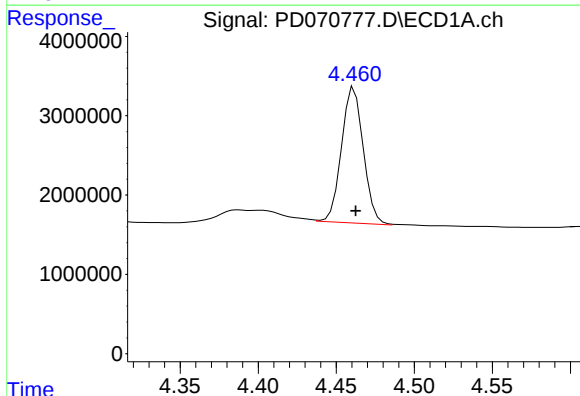
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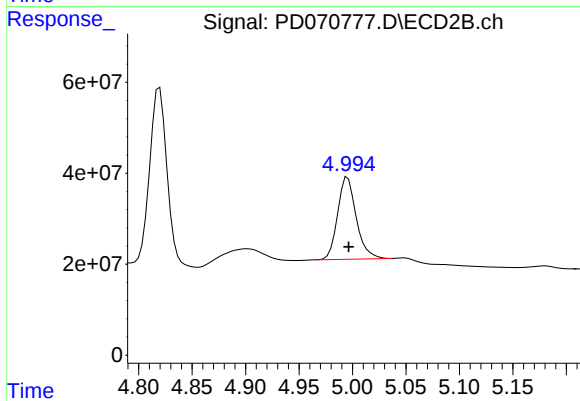
#3 gamma-BHC (Lindane)

R.T.: 4.820 min
Delta R.T.: -0.001 min
Response: 450054295
Conc: 13.85 ng/ml



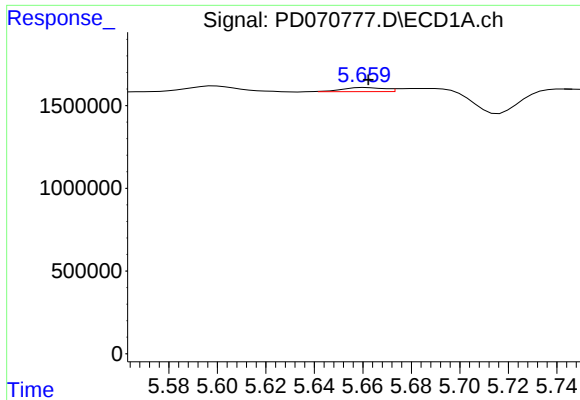
#6 beta-BHC

R.T.: 4.460 min
Delta R.T.: -0.002 min
Response: 16618574
Conc: 11.39 ng/ml m



#6 beta-BHC

R.T.: 4.995 min
Delta R.T.: 0.000 min
Response: 219348943
Conc: 11.44 ng/ml



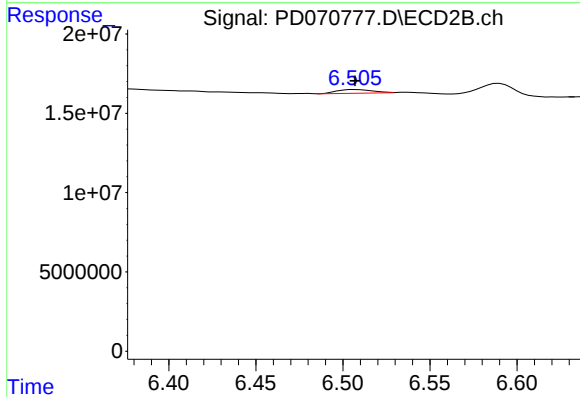
#12 4,4'-DDE

R.T.: 5.659 min
Delta R.T.: -0.003 min
Response: 337602
Conc: 0.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

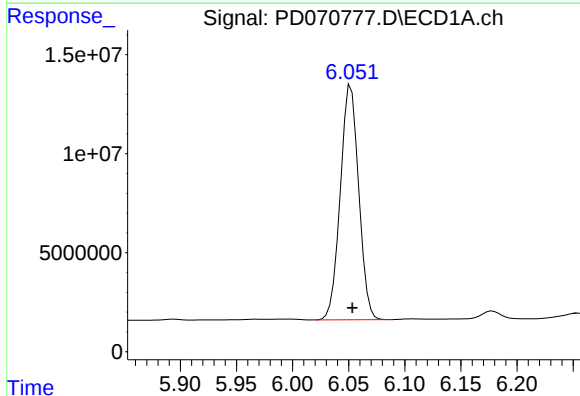
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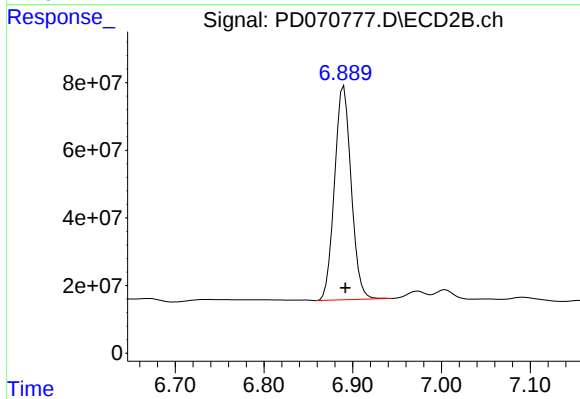
#12 4,4'-DDE

R.T.: 6.505 min
Delta R.T.: -0.002 min
Response: 3424343
Conc: 0.17 ng/ml m



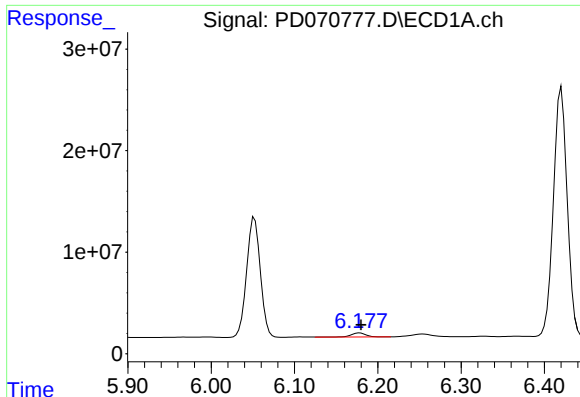
#14 Endrin

R.T.: 6.052 min
Delta R.T.: -0.001 min
Response: 135250639
Conc: 50.31 ng/ml



#14 Endrin

R.T.: 6.890 min
Delta R.T.: -0.001 min
Response: 823896958
Conc: 53.52 ng/ml



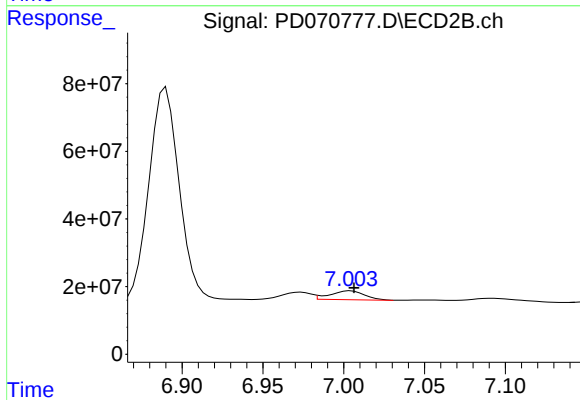
#16 4,4'-DDD

R.T.: 6.178 min
Delta R.T.: -0.002 min
Response: 5091147
Conc: 2.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

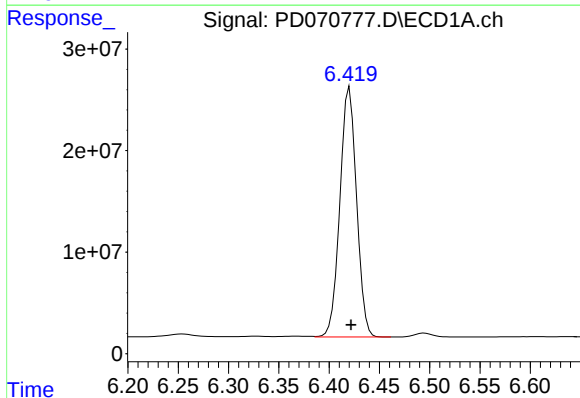
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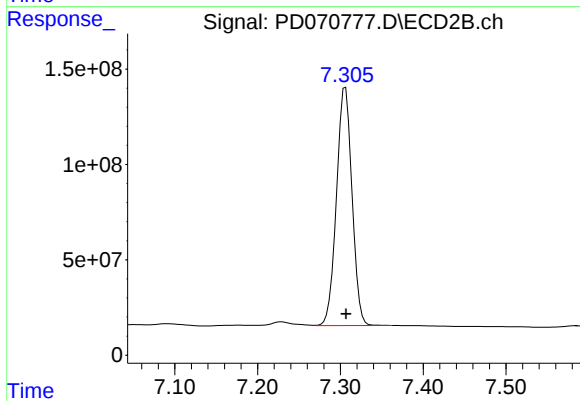
#16 4,4'-DDD

R.T.: 7.003 min
Delta R.T.: -0.003 min
Response: 38371742
Conc: 2.71 ng/ml m



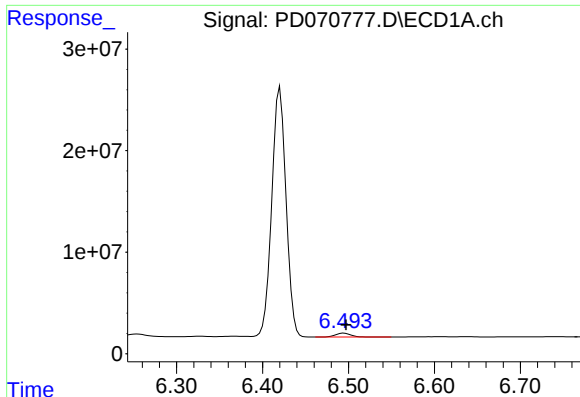
#17 4,4'-DDT

R.T.: 6.420 min
Delta R.T.: -0.001 min
Response: 283145163
Conc: 113.41 ng/ml



#17 4,4'-DDT

R.T.: 7.306 min
Delta R.T.: 0.000 min
Response: 1628175306
Conc: 106.86 ng/ml



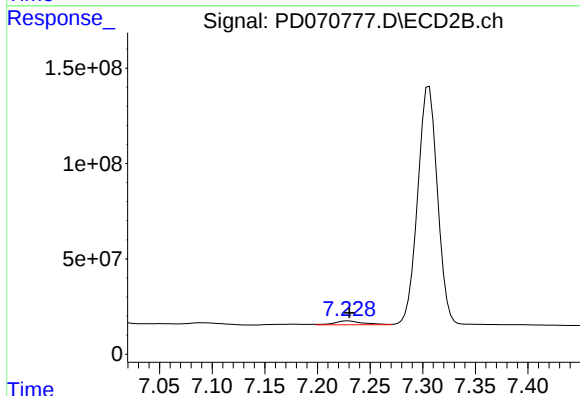
#18 Endrin aldehyde

R.T.: 6.495 min
Delta R.T.: -0.002 min
Response: 4725097
Conc: 2.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

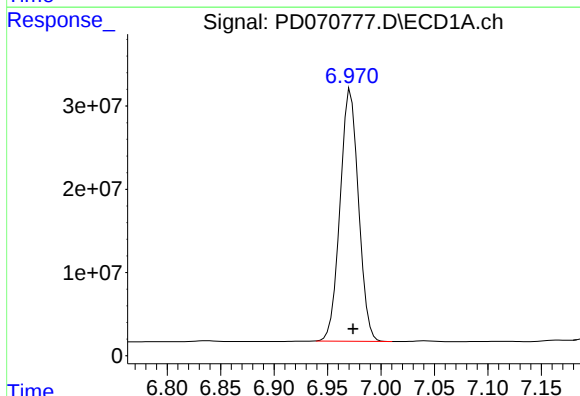
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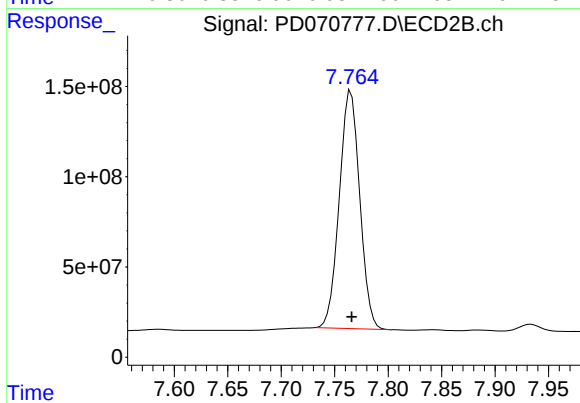
#18 Endrin aldehyde

R.T.: 7.229 min
Delta R.T.: -0.001 min
Response: 38632307
Conc: 3.37 ng/ml



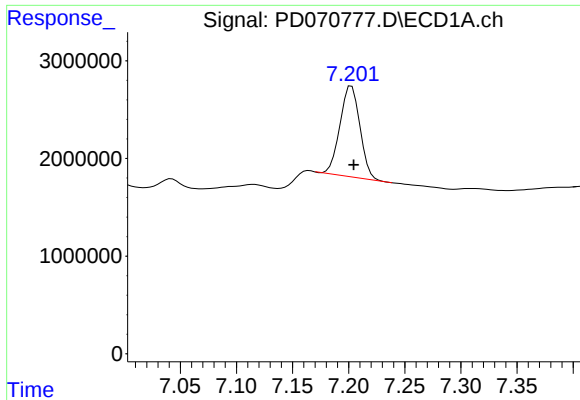
#20 Methoxychlor

R.T.: 6.972 min
Delta R.T.: -0.003 min
Response: 363349425
Conc: 254.21 ng/ml



#20 Methoxychlor

R.T.: 7.765 min
Delta R.T.: 0.000 min
Response: 1754382846
Conc: 255.81 ng/ml



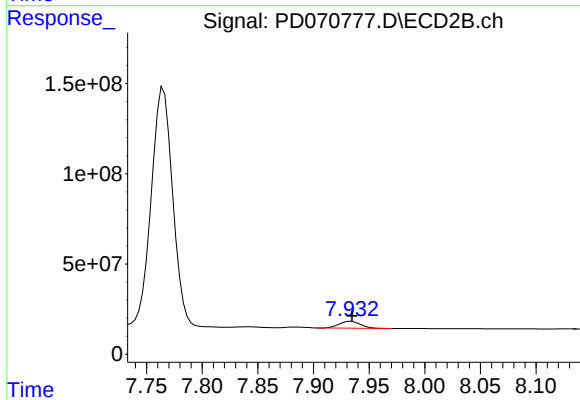
#21 Endrin ketone

R.T.: 7.203 min
Delta R.T.: -0.002 min
Response: 11404918
Conc: 4.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

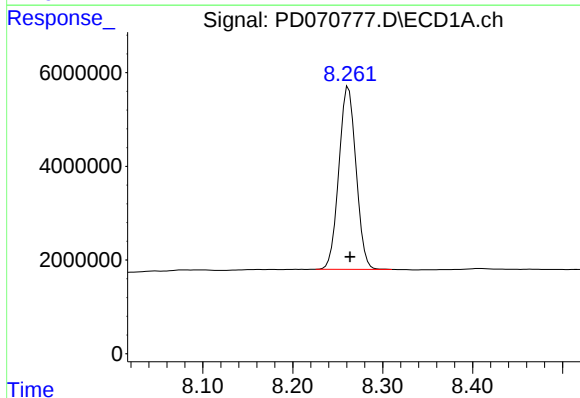
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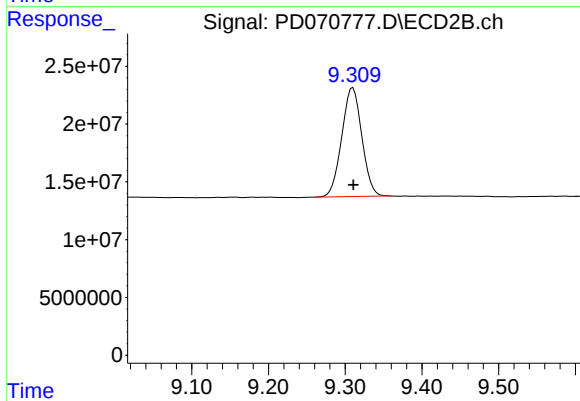
#21 Endrin ketone

R.T.: 7.934 min
Delta R.T.: -0.001 min
Response: 50042004
Conc: 3.90 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.262 min
Delta R.T.: -0.002 min
Response: 51719785
Conc: 20.86 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.310 min
Delta R.T.: 0.000 min
Response: 172513355
Conc: 20.97 ng/ml