

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112221\
 Data File : PD067051.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Nov 2021 11:02
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 11/23/2021
 Supervised By : Sohil Jodhani 11/23/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 23 04:53:52 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102821.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 28 02:17:57 2021
 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...	3.437	3.967	38048773	204.8E6	20.392	25.305
28)	SA Decachlor...	8.162	9.028	20776640	117.0E6	17.982	21.719
Target Compounds							
2)	A alpha-BHC	3.874	4.360	29092359	137.5E6	9.516	12.467 #
3)	MA gamma-BHC...	4.154	4.645	26800965	116.7E6	8.875m	11.712 #
6)	B beta-BHC	4.404	4.823	14064305	56815816	11.259	12.202
12)	B 4,4'-DDE	5.578	6.304	639914	2197861	0.275m	0.279m
14)	MA Endrin	5.969	6.673	110.9E6	358.3E6	52.998	52.060
16)	A 4,4'-DDD	6.093	6.800	778204	4082570	0.415m	0.601 #
17)	MA 4,4'-DDT	6.334	7.097	193.7E6	638.6E6	100.694	88.052
18)	B Endrin al...	6.405	7.014	577443	700348	0.374m	0.123m#
20)	A Methoxychlor	6.881	7.559	220.3E6	770.1E6	213.369	189.038
21)	B Endrin ke...	7.112	7.707	1262736	4757969	0.579m	0.566m

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

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Acq On : 22 Nov 2021 11:02
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

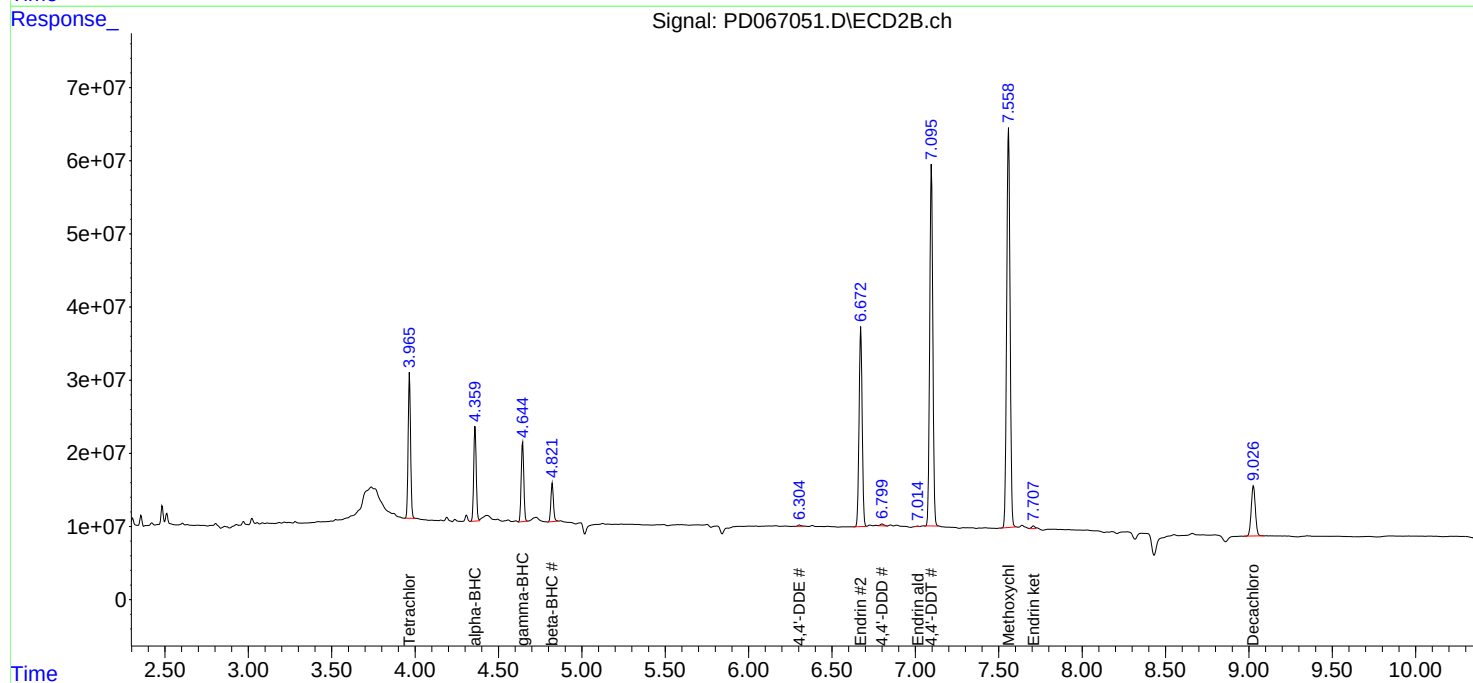
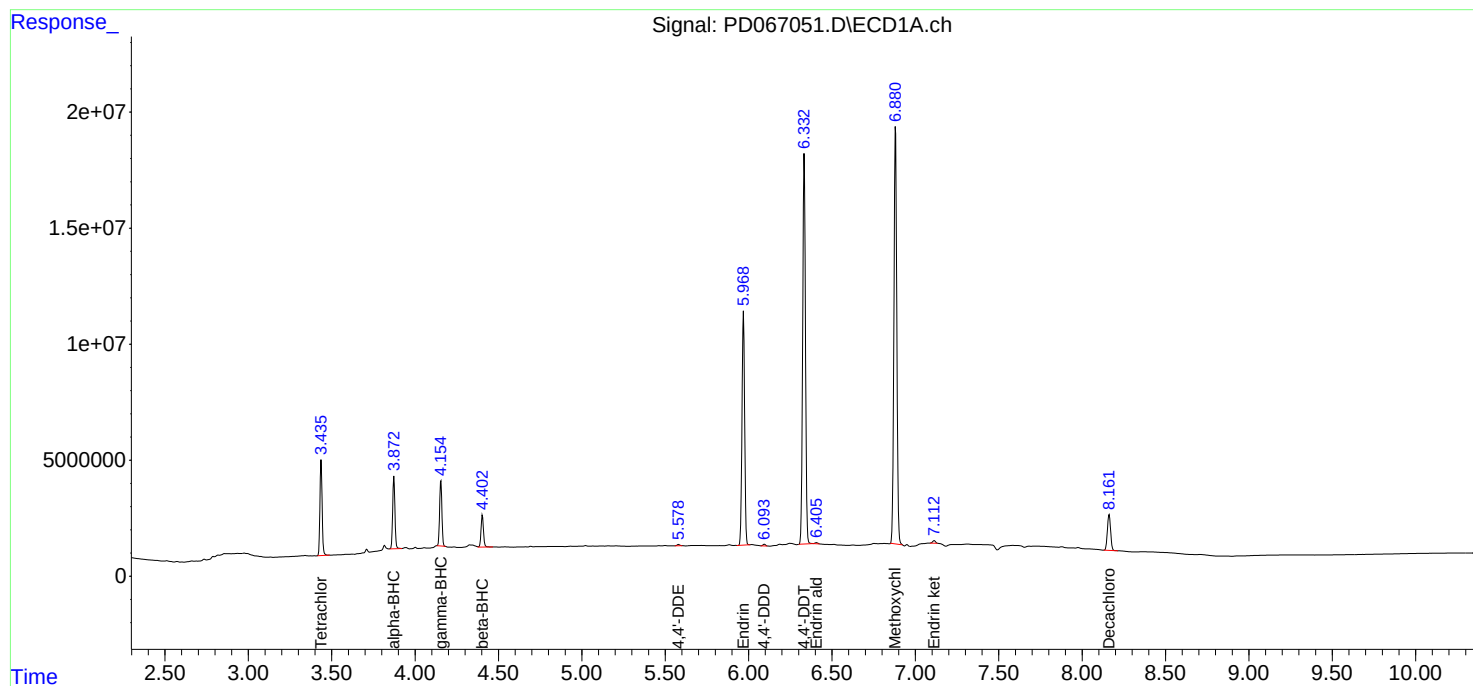
Instrument :
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ClientSampleId :
PEM

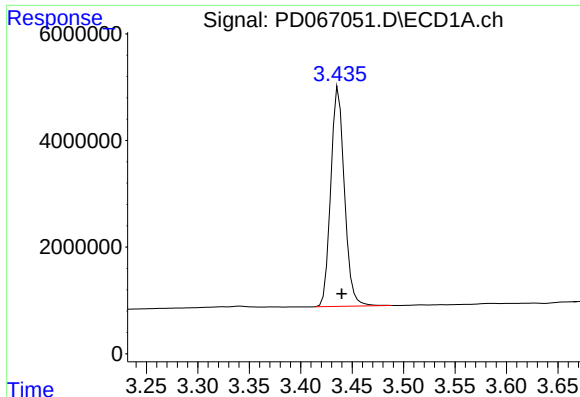
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Integration File signal 1: autoint1.e
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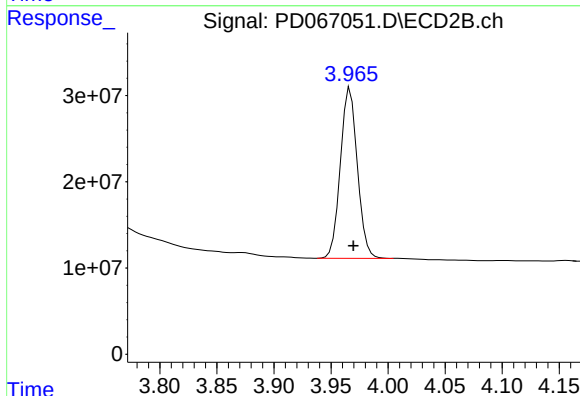
#1 Tetrachloro-m-xylene

R.T.: 3.437 min
Delta R.T.: -0.003 min
Response: 38048773
Conc: 20.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

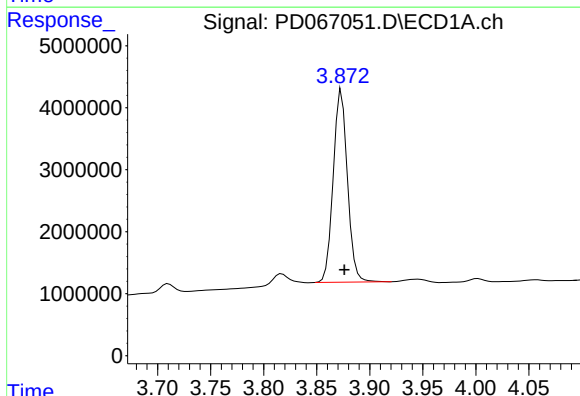
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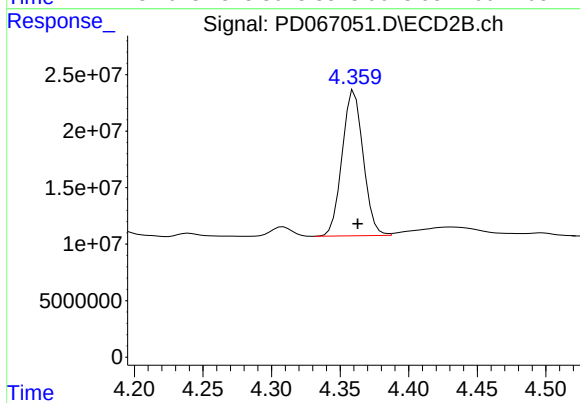
#1 Tetrachloro-m-xylene

R.T.: 3.967 min
Delta R.T.: -0.003 min
Response: 204767941
Conc: 25.30 ng/ml



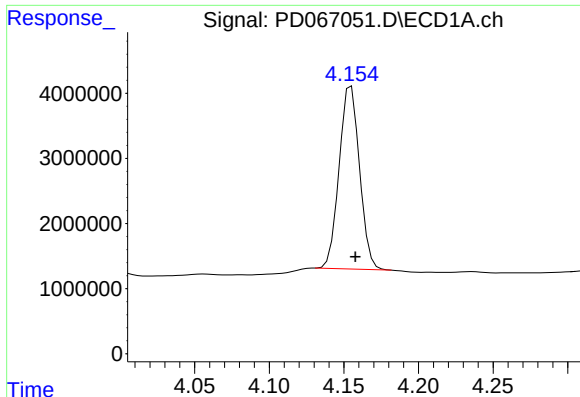
#2 alpha-BHC

R.T.: 3.874 min
Delta R.T.: -0.002 min
Response: 29092359
Conc: 9.52 ng/ml



#2 alpha-BHC

R.T.: 4.360 min
Delta R.T.: -0.002 min
Response: 137540875
Conc: 12.47 ng/ml



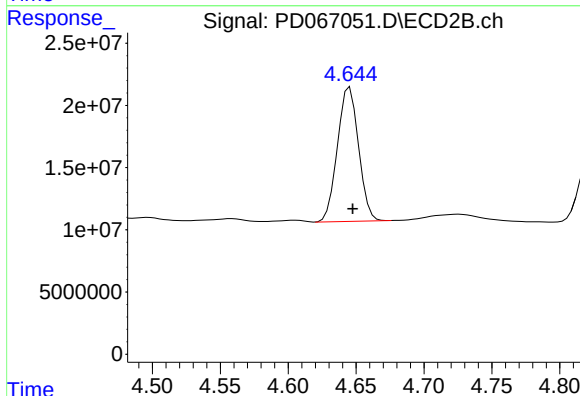
#3 gamma-BHC (Lindane)

R.T.: 4.154 min
Delta R.T.: -0.004 min
Response: 26800965
Conc: 8.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

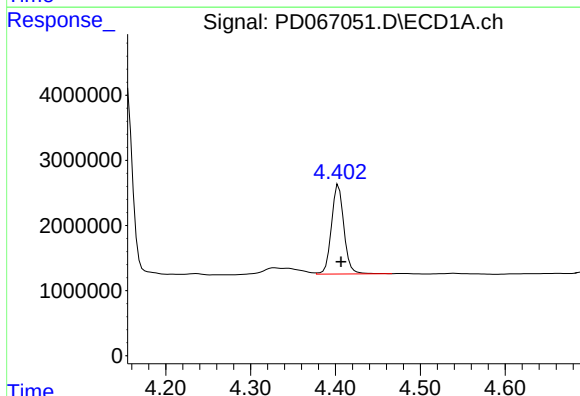
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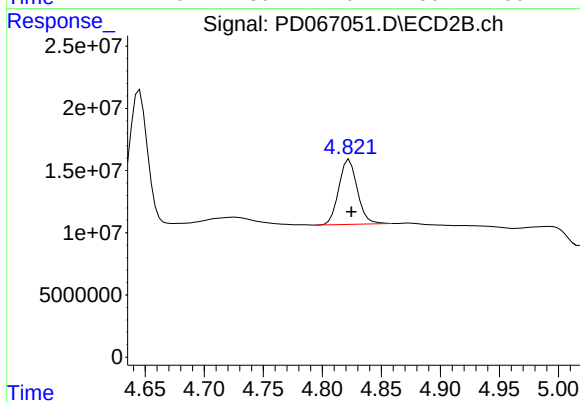
#3 gamma-BHC (Lindane)

R.T.: 4.645 min
Delta R.T.: -0.002 min
Response: 116712363
Conc: 11.71 ng/ml



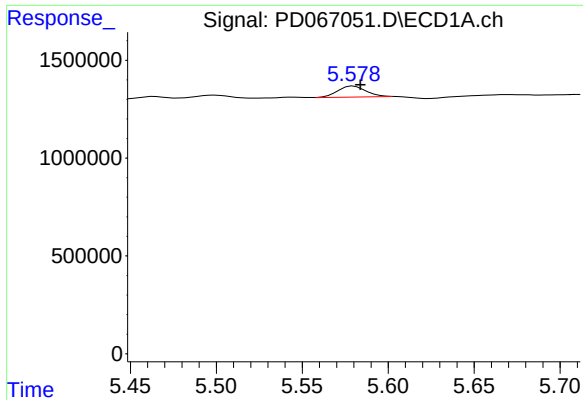
#6 beta-BHC

R.T.: 4.404 min
Delta R.T.: -0.003 min
Response: 14064305
Conc: 11.26 ng/ml



#6 beta-BHC

R.T.: 4.823 min
Delta R.T.: -0.002 min
Response: 56815816
Conc: 12.20 ng/ml



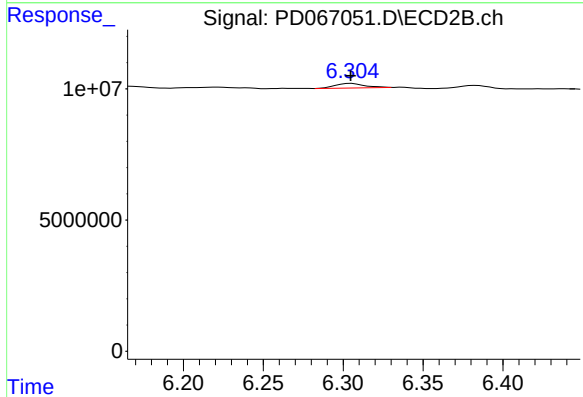
#12 4,4'-DDE

R.T.: 5.578 min
Delta R.T.: -0.005 min
Response: 639914
Conc: 0.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

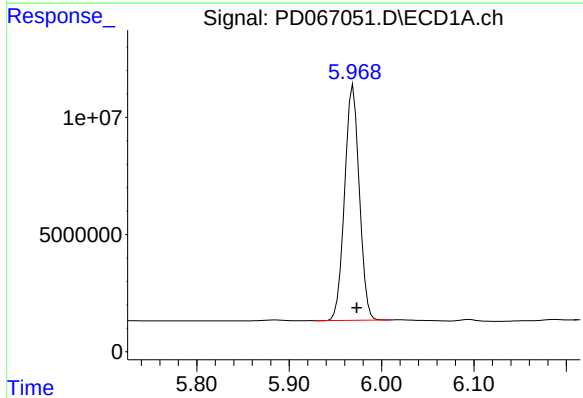
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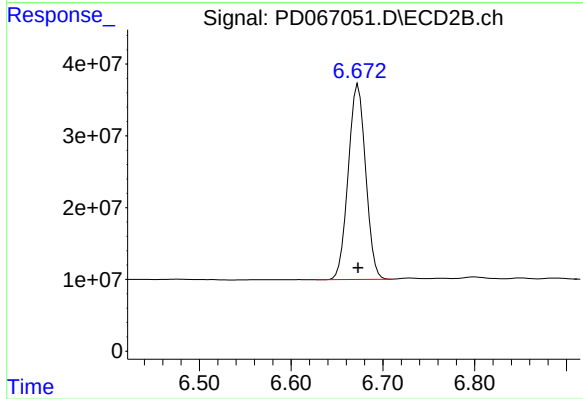
#12 4,4'-DDE

R.T.: 6.304 min
Delta R.T.: 0.000 min
Response: 2197861
Conc: 0.28 ng/ml m



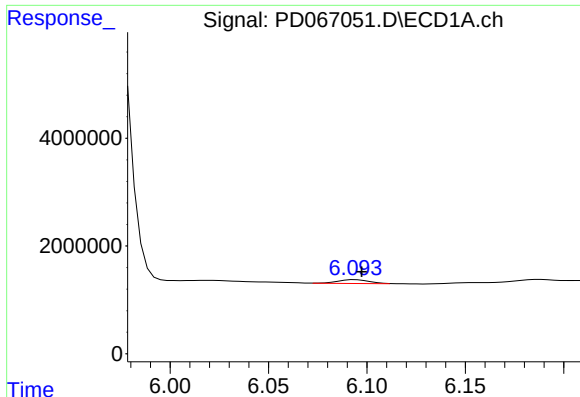
#14 Endrin

R.T.: 5.969 min
Delta R.T.: -0.004 min
Response: 110916771
Conc: 53.00 ng/ml



#14 Endrin

R.T.: 6.673 min
Delta R.T.: 0.000 min
Response: 358303097
Conc: 52.06 ng/ml



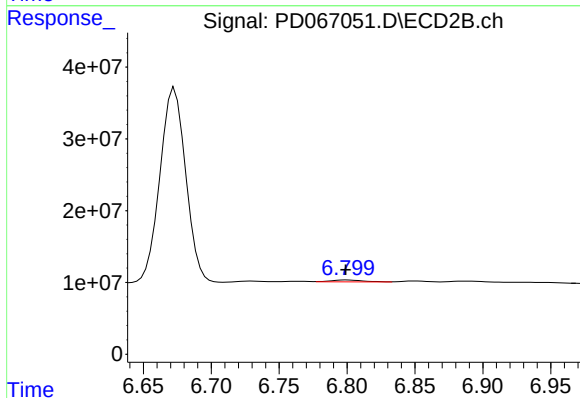
#16 4,4'-DDD

R.T.: 6.093 min
Delta R.T.: -0.005 min
Response: 778204
Conc: 0.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

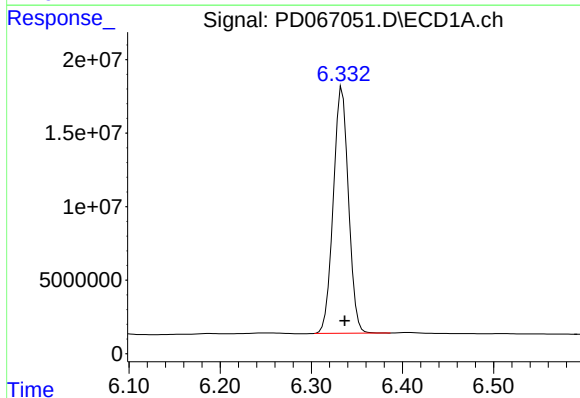
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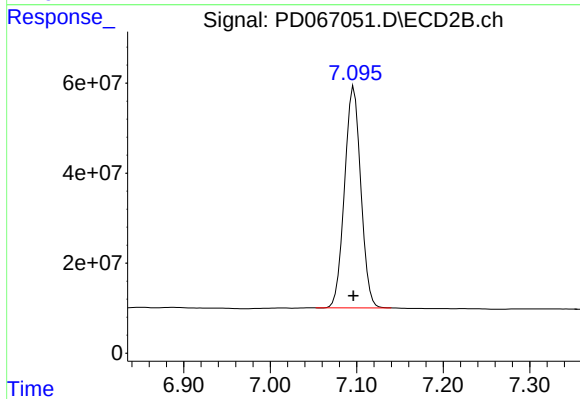
#16 4,4'-DDD

R.T.: 6.800 min
Delta R.T.: 0.001 min
Response: 4082570
Conc: 0.60 ng/ml



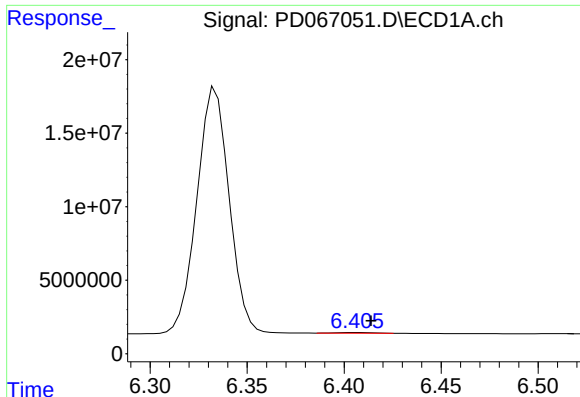
#17 4,4'-DDT

R.T.: 6.334 min
Delta R.T.: -0.003 min
Response: 193681932
Conc: 100.69 ng/ml



#17 4,4'-DDT

R.T.: 7.097 min
Delta R.T.: 0.000 min
Response: 638646218
Conc: 88.05 ng/ml



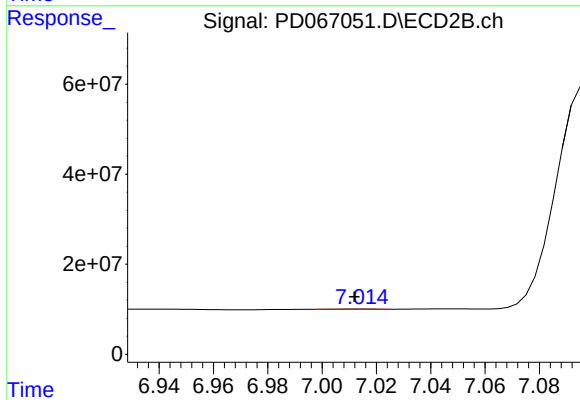
#18 Endrin aldehyde

R.T.: 6.405 min
Delta R.T.: -0.008 min
Response: 577443
Conc: 0.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

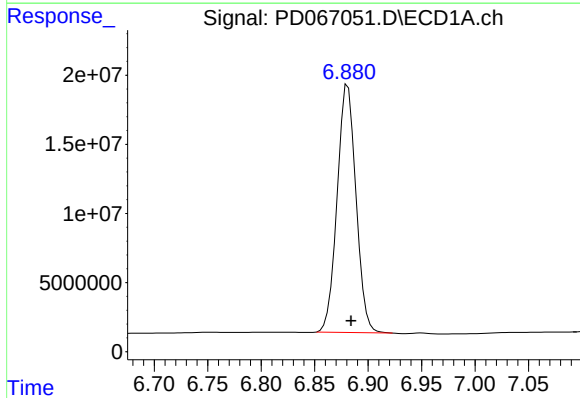
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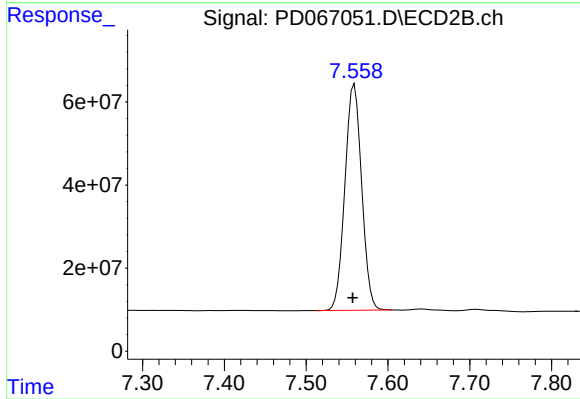
#18 Endrin aldehyde

R.T.: 7.014 min
Delta R.T.: 0.002 min
Response: 700348
Conc: 0.12 ng/ml m



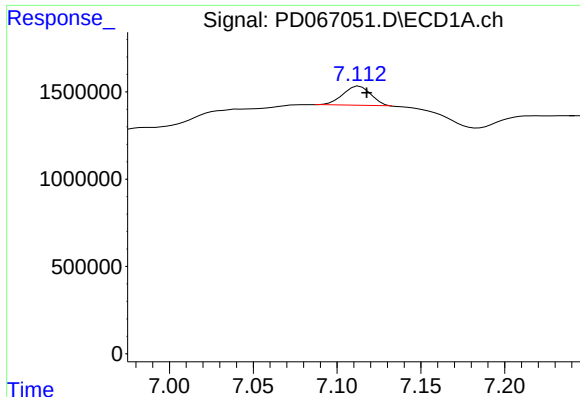
#20 Methoxychlor

R.T.: 6.881 min
Delta R.T.: -0.003 min
Response: 220344632
Conc: 213.37 ng/ml



#20 Methoxychlor

R.T.: 7.559 min
Delta R.T.: 0.002 min
Response: 770096379
Conc: 189.04 ng/ml



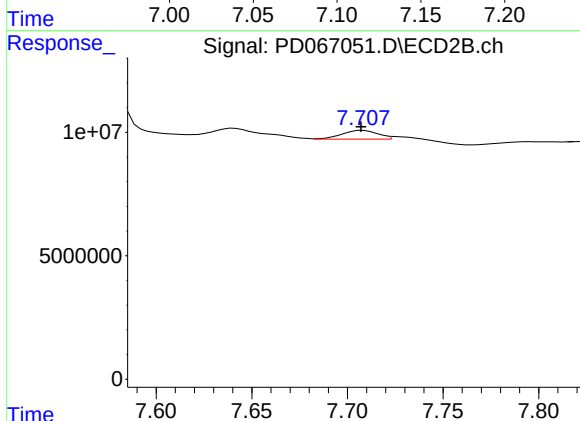
#21 Endrin ketone

R.T.: 7.112 min
Delta R.T.: -0.006 min
Response: 1262736
Conc: 0.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

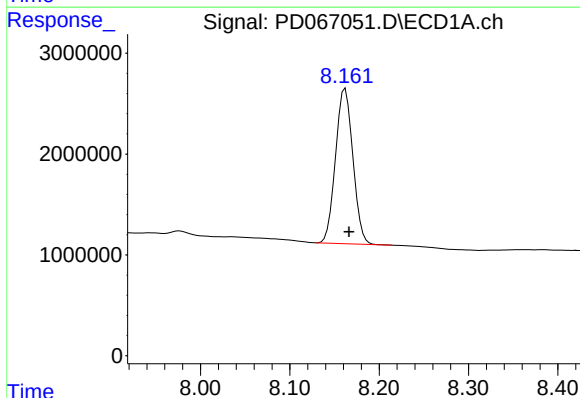
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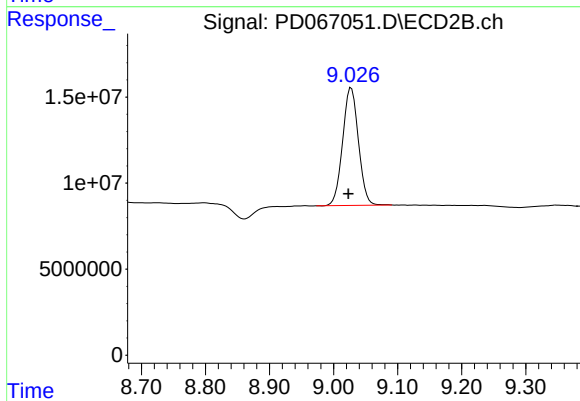
#21 Endrin ketone

R.T.: 7.707 min
Delta R.T.: 0.000 min
Response: 4757969
Conc: 0.57 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.162 min
Delta R.T.: -0.004 min
Response: 20776640
Conc: 17.98 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.028 min
Delta R.T.: 0.005 min
Response: 116984793
Conc: 21.72 ng/ml