

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081822\
 Data File : PD071623.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Aug 2022 10:04
 Operator : AR\AJ
 Sample : PEM299
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM089

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/19/2022
 Supervised By :Ankita Jodhani 08/19/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 19 01:57:35 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081122CLP.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 11 04:21:34 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 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

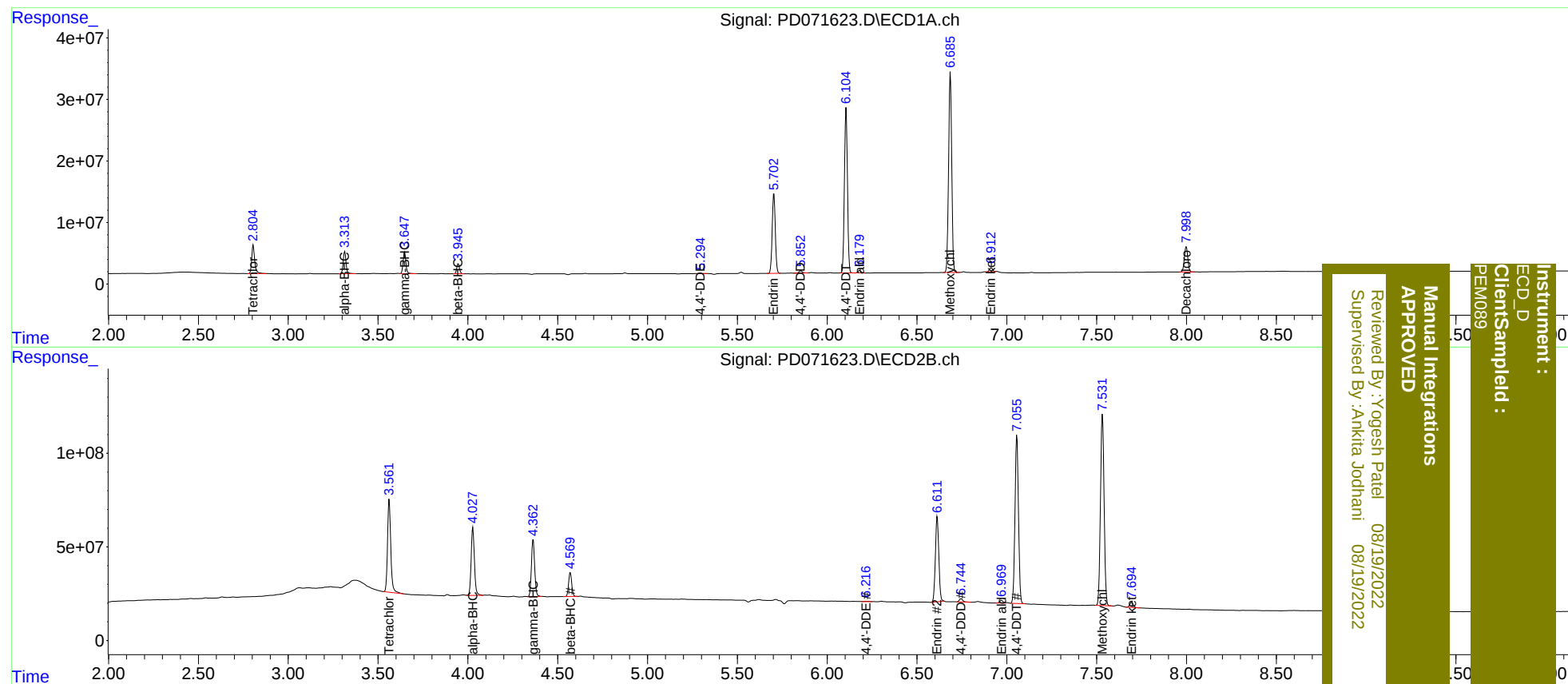
System Monitoring Compounds							
1)	SA Tetrachlo...	2.805	3.562	53142565	623.1E6	18.630	19.010
27)	SA Decachlor...	7.999	9.088	54512753	203.2E6	19.416	21.200
Target Compounds							
2)	A alpha-BHC	3.315	4.028	39677617	459.2E6	9.645	10.874
3)	MA gamma-BHC...	3.648	4.364	38085448	383.6E6	9.677	10.914
6)	B beta-BHC	3.945	4.570	17479762	153.5E6	9.876m	10.628
12)	B 4,4'-DDE	5.296	6.216	356272	2802005	0.100	0.178m#
14)	MA Endrin	5.704	6.613	156.2E6	603.5E6	47.649	47.555
16)	A 4,4'-DDD	5.853	6.746	4181526	24732842	1.537	2.031 #
17)	MA 4,4'-DDT	6.106	7.056	313.1E6	1206.2E6	110.809	101.966
18)	B Endrin al...	6.181	6.970	4870812	19548087	1.816	1.778
20)	A Methoxychlor	6.686	7.532	394.3E6	1426.5E6	273.105	271.195
21)	B Endrin ke...	6.913	7.695	7948426	35368774	2.326	2.695

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

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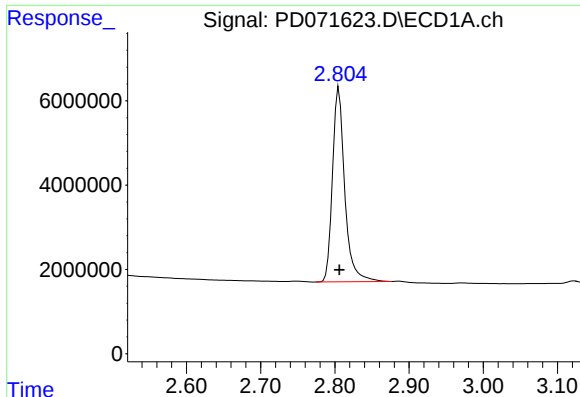
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Instrument :
ECD_D
ClientSampled :
PEM089



#1 Tetrachloro-m-xylene

R.T.: 2.805 min
Delta R.T.: 0.000 min
Response: 53142565
Conc: 18.63 ng/ml

Instrument :

ECD_D

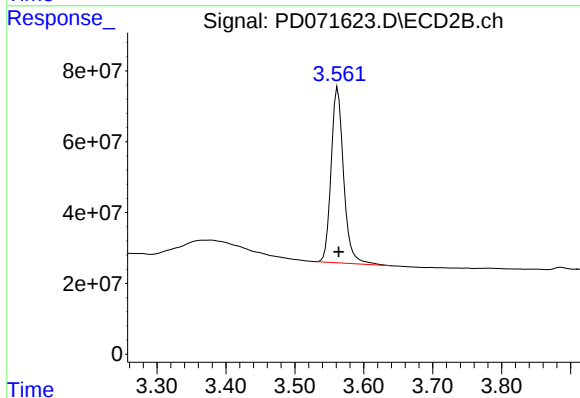
ClientSampleId :

PEM089

Manual Integrations

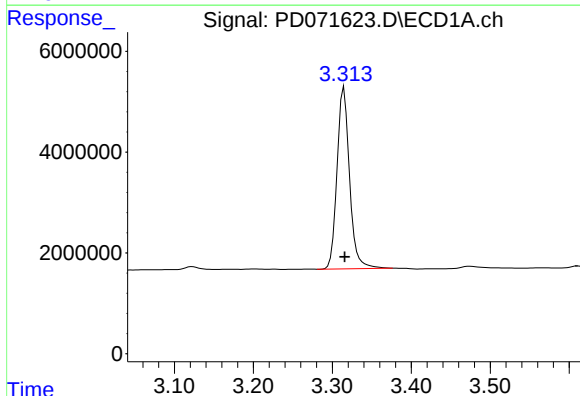
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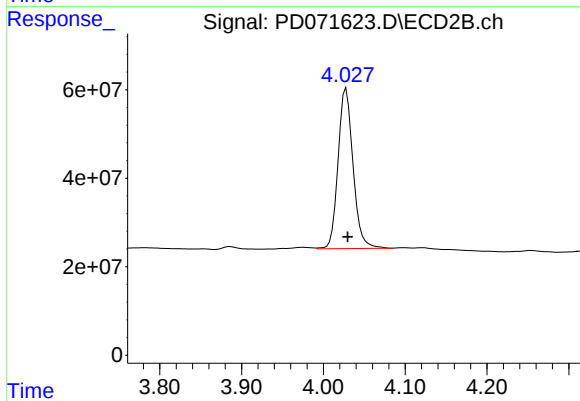
#1 Tetrachloro-m-xylene

R.T.: 3.562 min
Delta R.T.: -0.001 min
Response: 623119416
Conc: 19.01 ng/ml



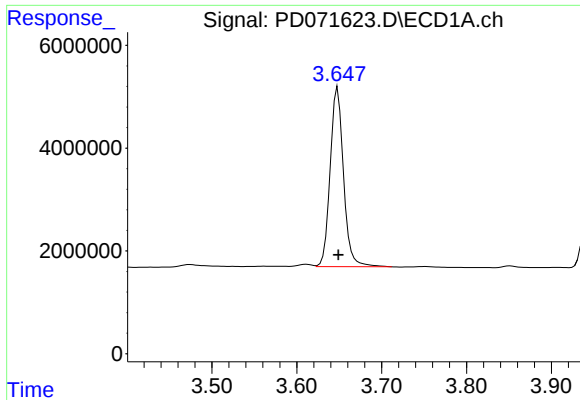
#2 alpha-BHC

R.T.: 3.315 min
Delta R.T.: 0.000 min
Response: 39677617
Conc: 9.64 ng/ml



#2 alpha-BHC

R.T.: 4.028 min
Delta R.T.: -0.002 min
Response: 459235804
Conc: 10.87 ng/ml



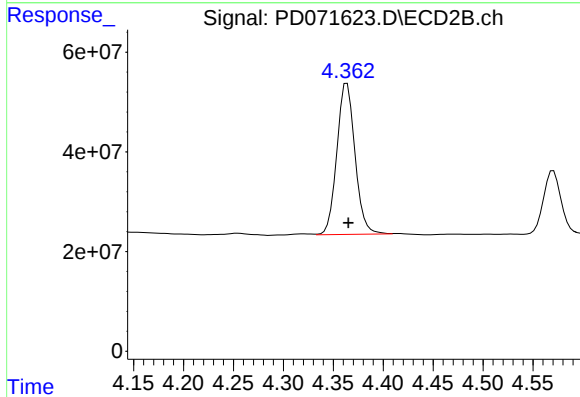
#3 gamma-BHC (Lindane)

R.T.: 3.648 min
Delta R.T.: 0.000 min
Response: 38085448
Conc: 9.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
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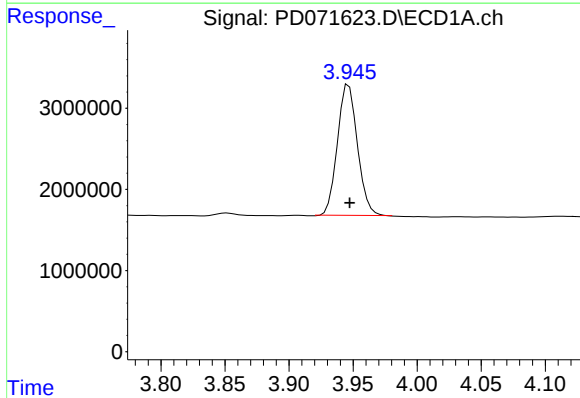
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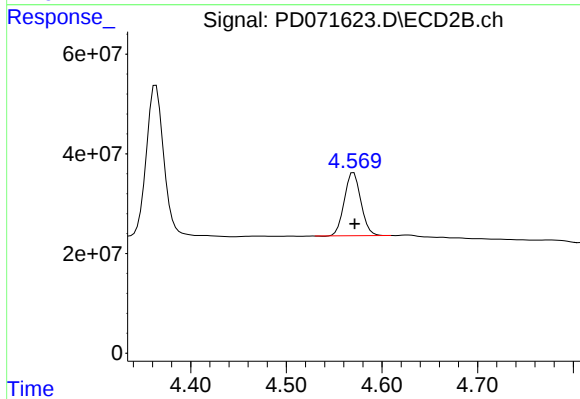
#3 gamma-BHC (Lindane)

R.T.: 4.364 min
Delta R.T.: -0.001 min
Response: 383609178
Conc: 10.91 ng/ml



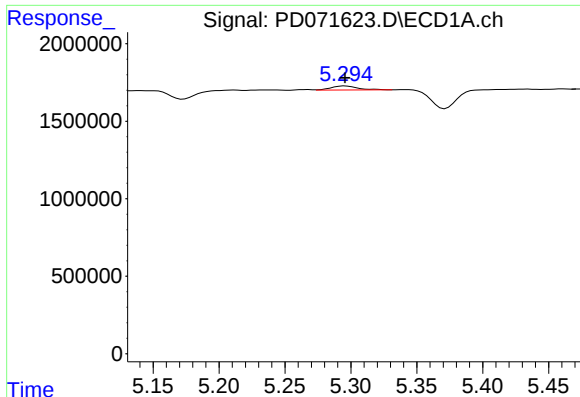
#6 beta-BHC

R.T.: 3.945 min
Delta R.T.: -0.002 min
Response: 17479762
Conc: 9.88 ng/ml m



#6 beta-BHC

R.T.: 4.570 min
Delta R.T.: -0.001 min
Response: 153517457
Conc: 10.63 ng/ml



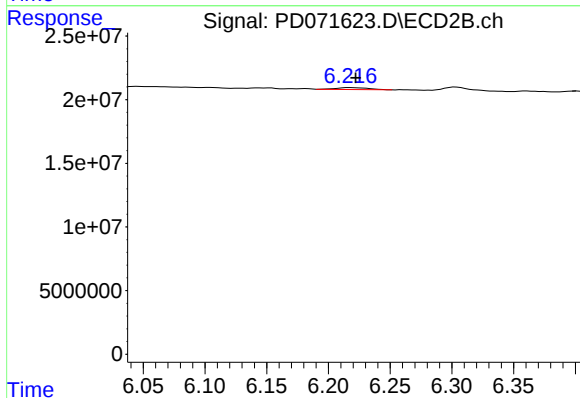
#12 4,4'-DDE

R.T.: 5.296 min
Delta R.T.: 0.000 min
Response: 356272
Conc: 0.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
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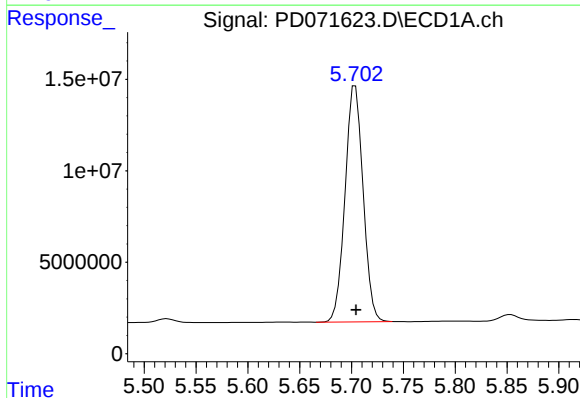
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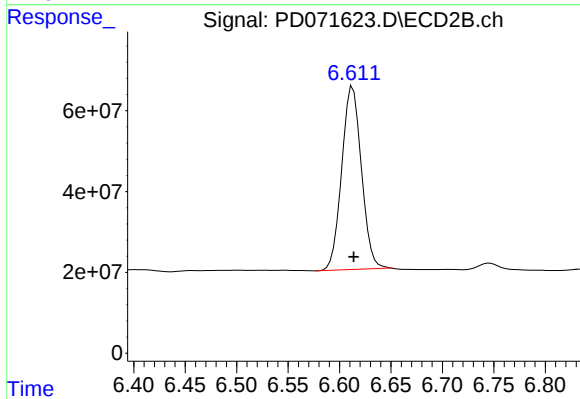
#12 4,4'-DDE

R.T.: 6.216 min
Delta R.T.: -0.006 min
Response: 2802005
Conc: 0.18 ng/ml m



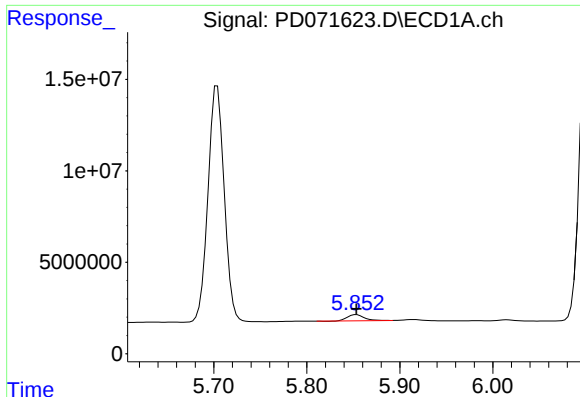
#14 Endrin

R.T.: 5.704 min
Delta R.T.: 0.000 min
Response: 156242141
Conc: 47.65 ng/ml



#14 Endrin

R.T.: 6.613 min
Delta R.T.: -0.001 min
Response: 603515159
Conc: 47.56 ng/ml



#16 4,4'-DDD

R.T.: 5.853 min
Delta R.T.: 0.000 min
Response: 4181526
Conc: 1.54 ng/ml

Instrument :

ECD_D

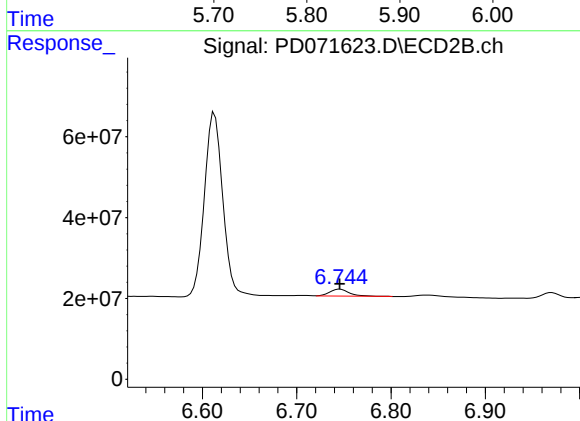
ClientSampleId :

PEM089

Manual Integrations

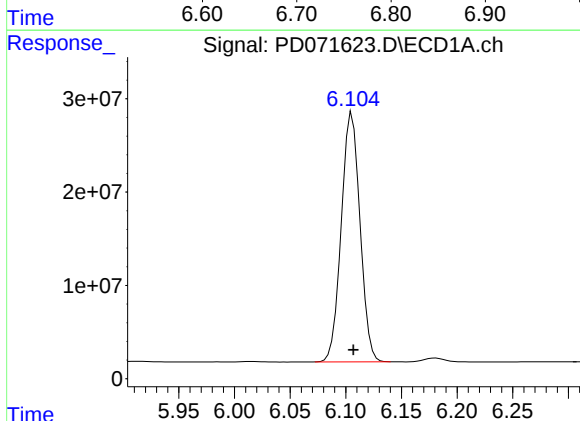
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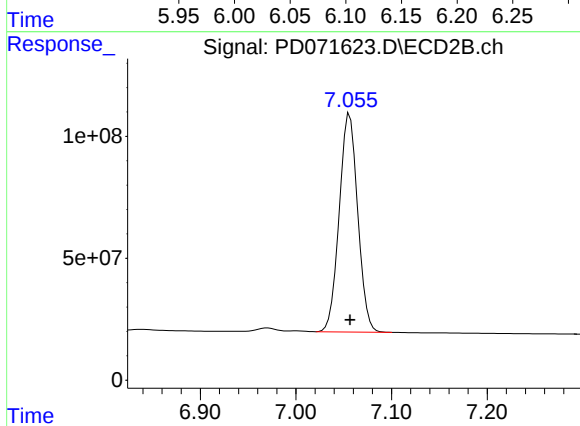
#16 4,4'-DDD

R.T.: 6.746 min
Delta R.T.: 0.000 min
Response: 24732842
Conc: 2.03 ng/ml



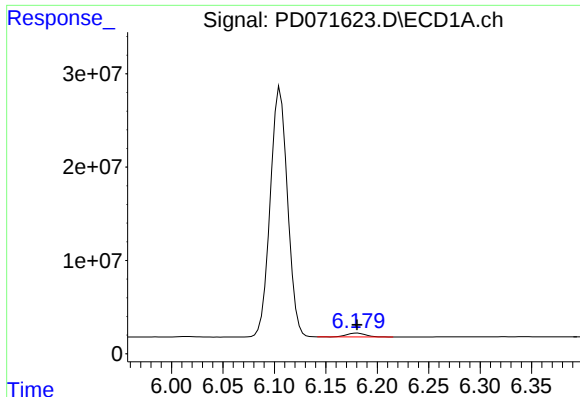
#17 4,4'-DDT

R.T.: 6.106 min
Delta R.T.: -0.001 min
Response: 313064893
Conc: 110.81 ng/ml



#17 4,4'-DDT

R.T.: 7.056 min
Delta R.T.: 0.000 min
Response: 1206243952
Conc: 101.97 ng/ml



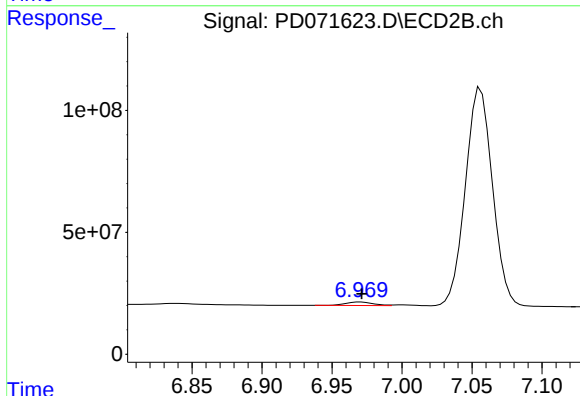
#18 Endrin aldehyde

R.T.: 6.181 min
Delta R.T.: 0.000 min
Response: 4870812
Conc: 1.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM089

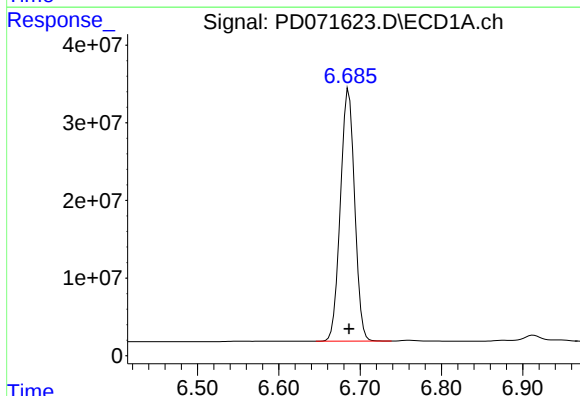
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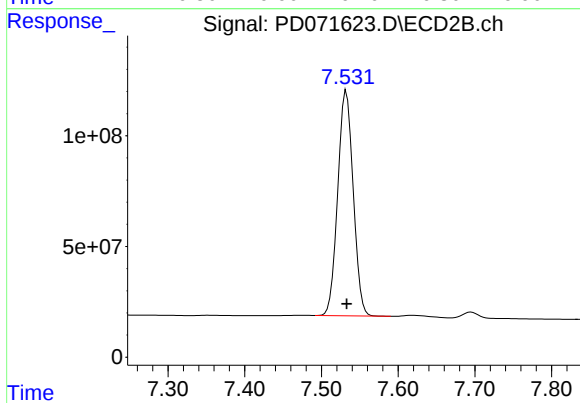
#18 Endrin aldehyde

R.T.: 6.970 min
Delta R.T.: 0.000 min
Response: 19548087
Conc: 1.78 ng/ml



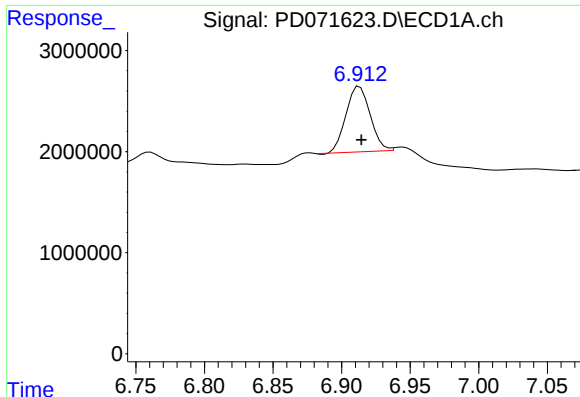
#20 Methoxychlor

R.T.: 6.686 min
Delta R.T.: 0.000 min
Response: 394298689
Conc: 273.11 ng/ml



#20 Methoxychlor

R.T.: 7.532 min
Delta R.T.: 0.000 min
Response: 1426537559
Conc: 271.20 ng/ml



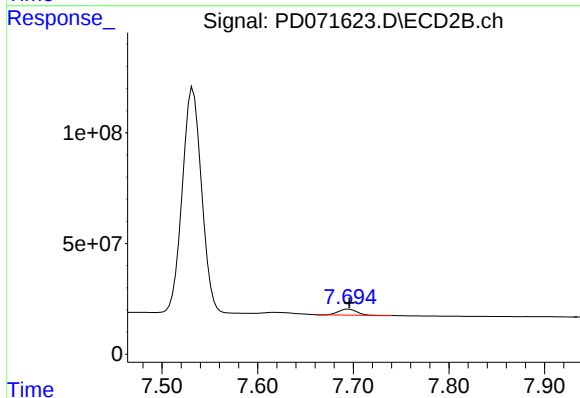
#21 Endrin ketone

R.T.: 6.913 min
Delta R.T.: -0.001 min
Response: 7948426
Conc: 2.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM089

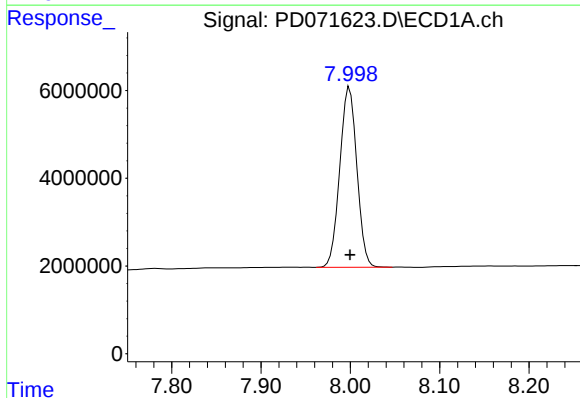
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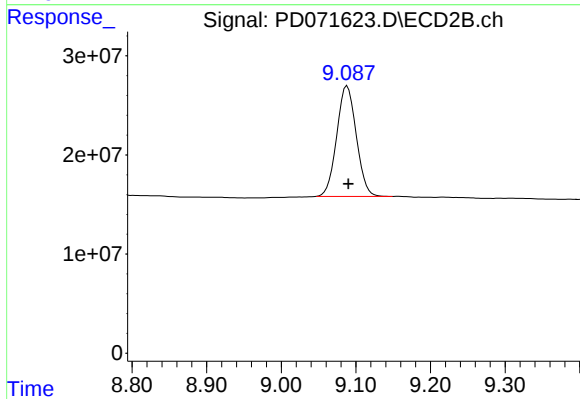
#21 Endrin ketone

R.T.: 7.695 min
Delta R.T.: 0.000 min
Response: 35368774
Conc: 2.70 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.999 min
Delta R.T.: 0.000 min
Response: 54512753
Conc: 19.42 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.088 min
Delta R.T.: -0.002 min
Response: 203230518
Conc: 21.20 ng/ml