

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111524\
 Data File : PD086690.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Nov 2024 09:41
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/15/2024
 Supervised By :Ankita Jodhani 11/15/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 15 02:51:48 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD103024.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 31 11:38:14 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.557	2.886	33517053	222.0E6	22.945	22.448
28)	SA Decachlor...	9.089	8.089	43987285	213.9E6	22.944	19.971
Target Compounds							
2)	A alpha-BHC	4.007	3.400	31073851	180.1E6	10.844	11.867
3)	MA gamma-BHC...	4.338	3.737	30841693	167.5E6	10.764	11.456
6)	B beta-BHC	4.522	4.032	13950975	78272019	12.204	12.276
12)	B 4,4'-DDE	6.207	5.390	239264	1405001	0.107m	0.107m
14)	MA Endrin	6.584	5.801	117.4E6	575.5E6	54.454	46.903
16)	A 4,4'-DDD	6.713	5.942	4705374	31867730	2.604m	2.894
17)	MA 4,4'-DDT	7.032	6.197	212.9E6	1026.1E6	116.281	88.479
18)	B Endrin al...	6.925	6.271	2339961	18053040	1.415	1.925 #
20)	A Methoxychlor	7.504	6.768	282.8E6	1154.8E6	261.462	182.766 #
21)	B Endrin ke...	7.640	7.003	5416377	41931454	2.387	3.297 #

(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

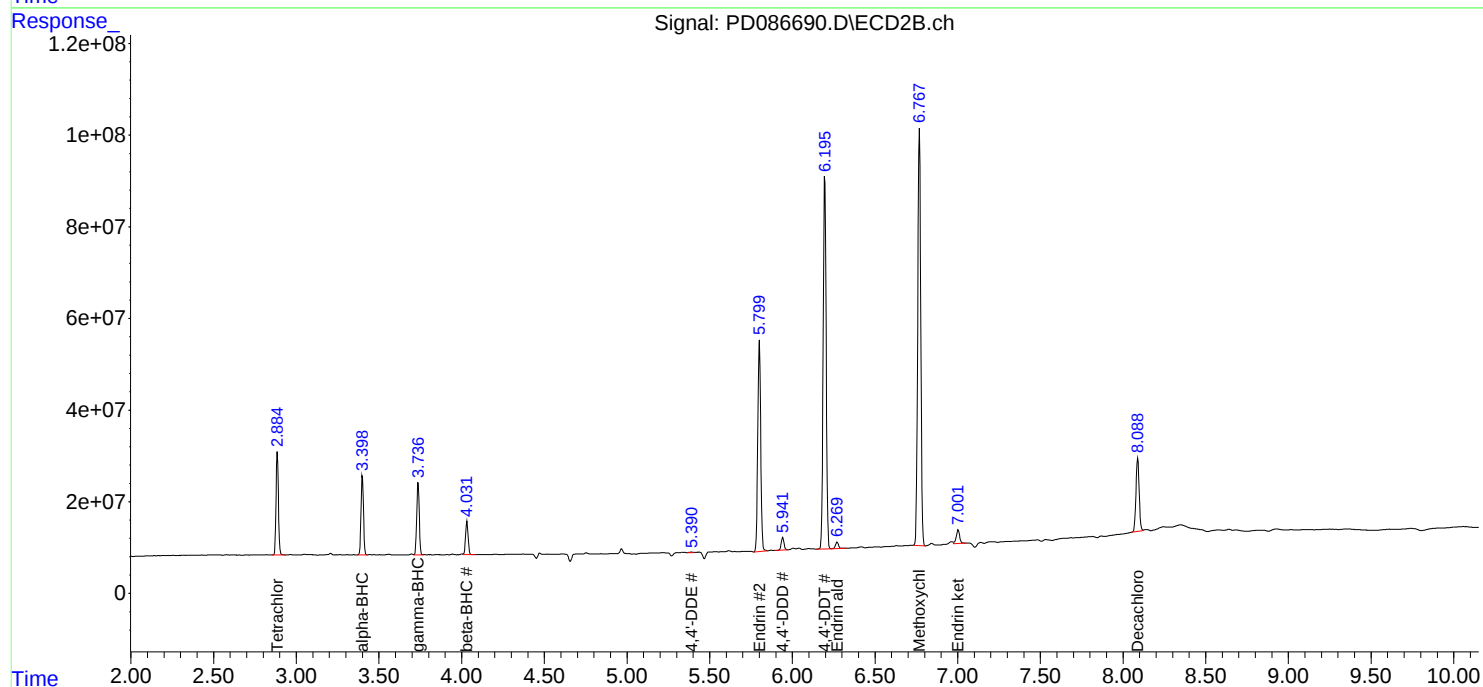
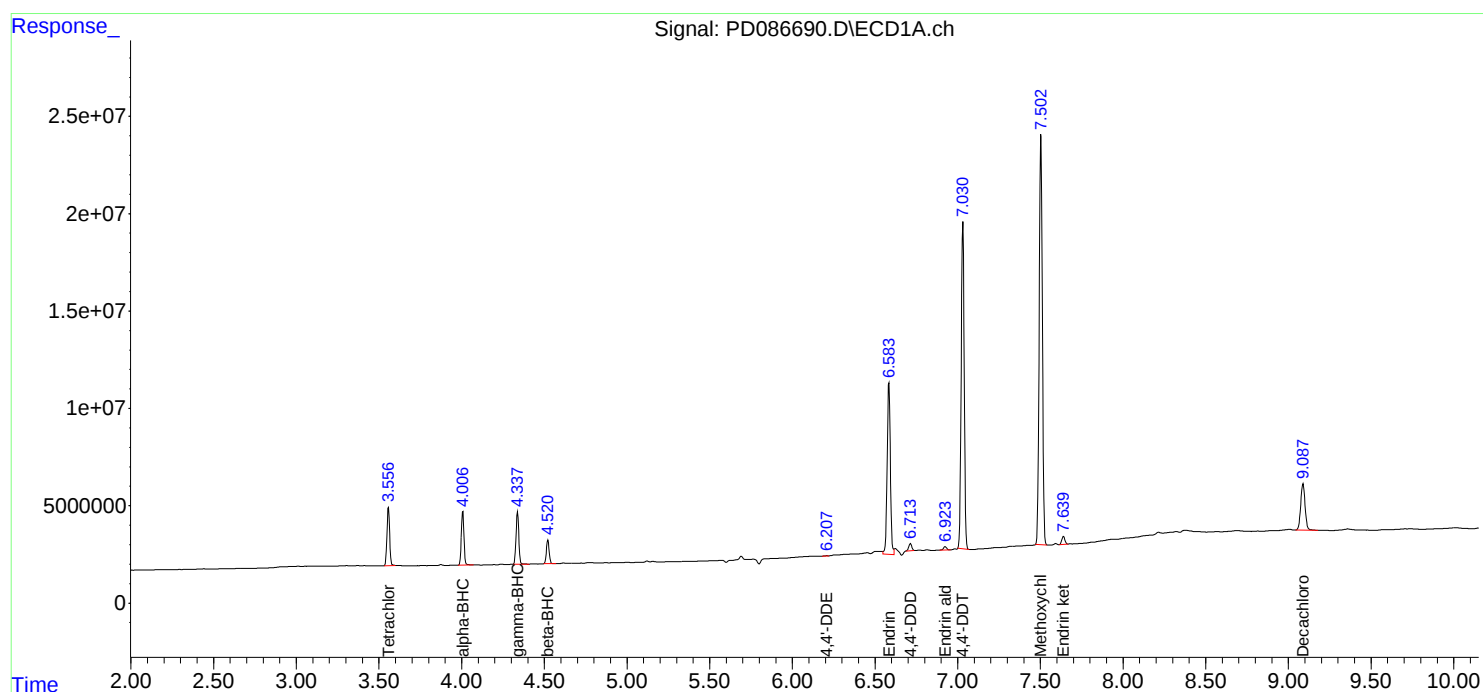
Instrument :
ECD_D
ClientSampleId :
PEM

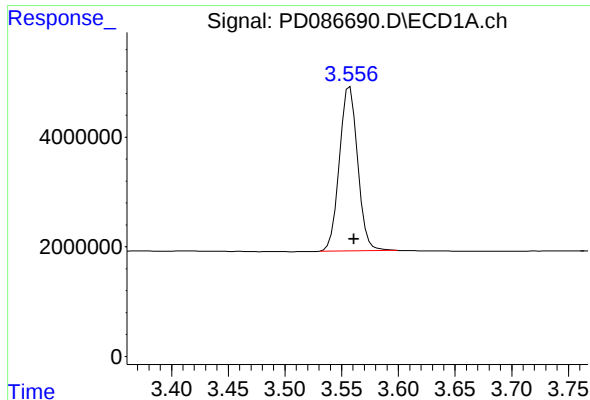
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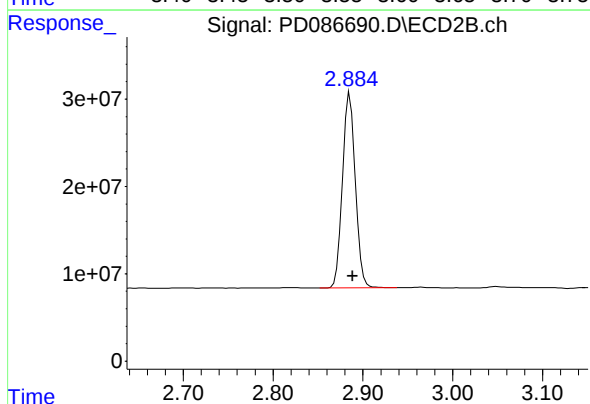
#1 Tetrachloro-m-xylene

R.T.: 3.557 min
Delta R.T.: -0.004 min
Response: 33517053
Conc: 22.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

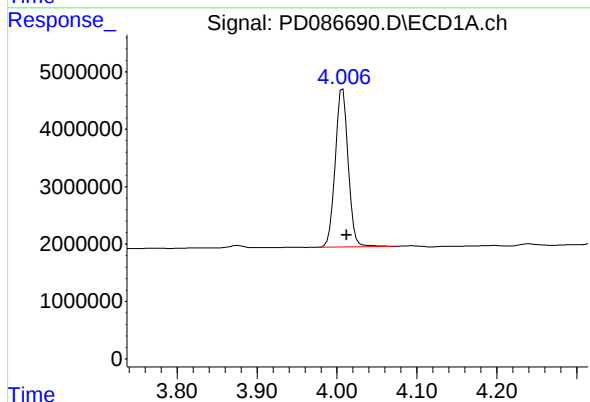
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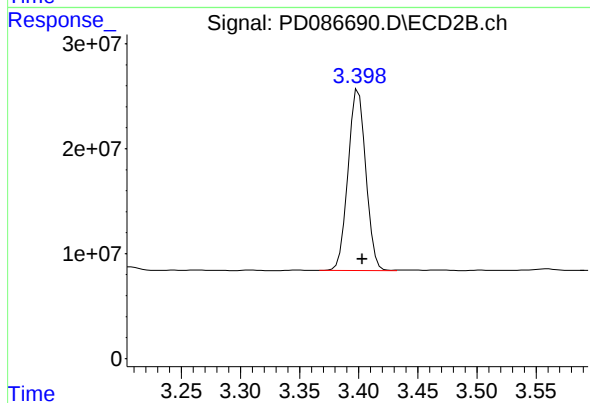
#1 Tetrachloro-m-xylene

R.T.: 2.886 min
Delta R.T.: -0.003 min
Response: 221991241
Conc: 22.45 ng/ml



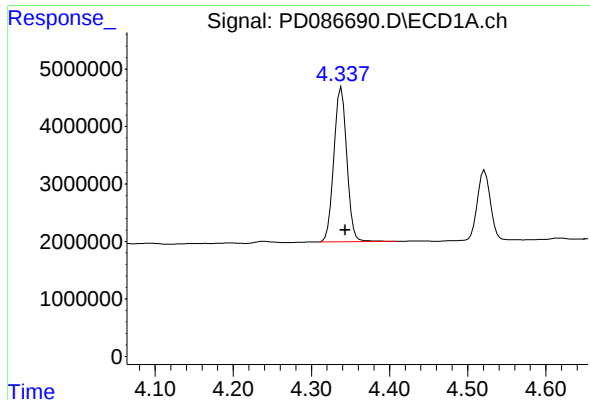
#2 alpha-BHC

R.T.: 4.007 min
Delta R.T.: -0.005 min
Response: 31073851
Conc: 10.84 ng/ml



#2 alpha-BHC

R.T.: 3.400 min
Delta R.T.: -0.003 min
Response: 180079950
Conc: 11.87 ng/ml



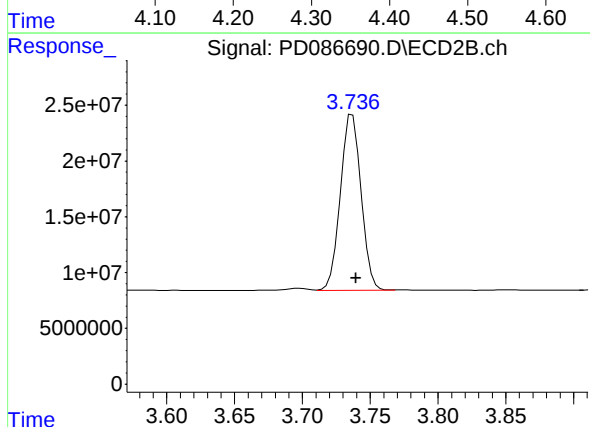
#3 gamma-BHC (Lindane)

R.T.: 4.338 min
Delta R.T.: -0.005 min
Response: 30841693
Conc: 10.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

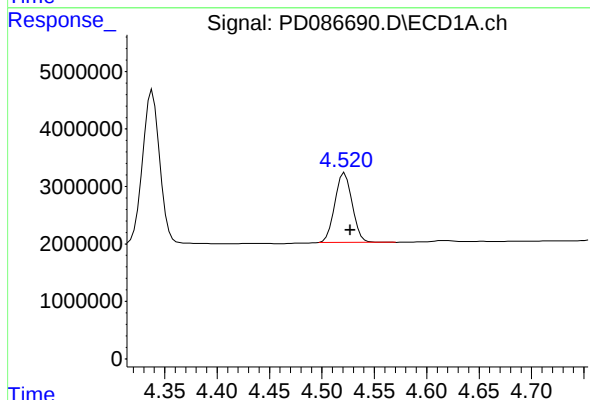
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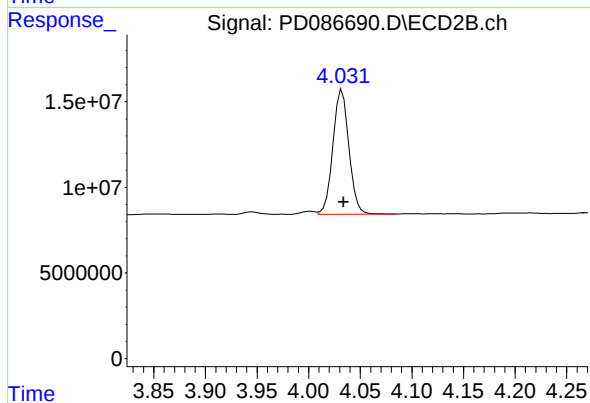
#3 gamma-BHC (Lindane)

R.T.: 3.737 min
Delta R.T.: -0.003 min
Response: 167501700
Conc: 11.46 ng/ml



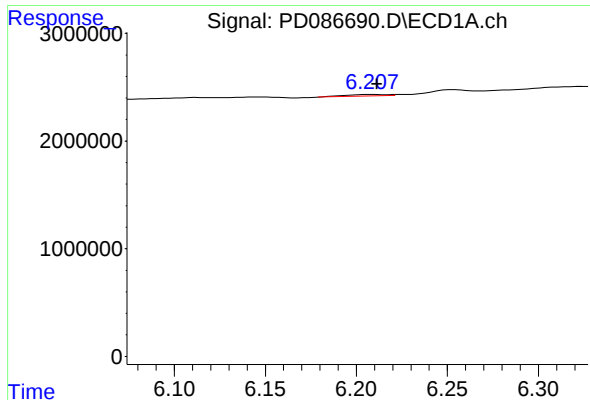
#6 beta-BHC

R.T.: 4.522 min
Delta R.T.: -0.005 min
Response: 13950975
Conc: 12.20 ng/ml



#6 beta-BHC

R.T.: 4.032 min
Delta R.T.: -0.002 min
Response: 78272019
Conc: 12.28 ng/ml



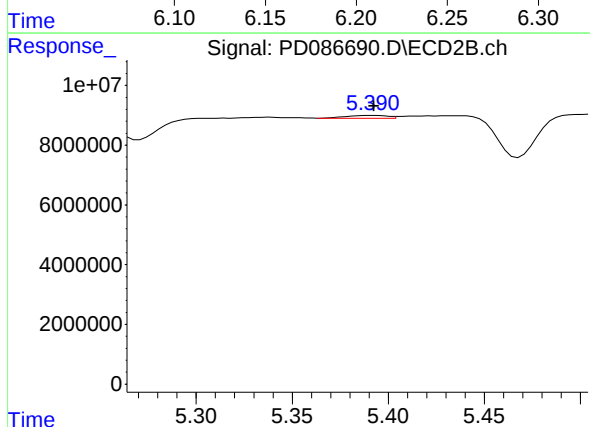
#12 4,4'-DDE

R.T.: 6.207 min
Delta R.T.: -0.004 min
Response: 239264
Conc: 0.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

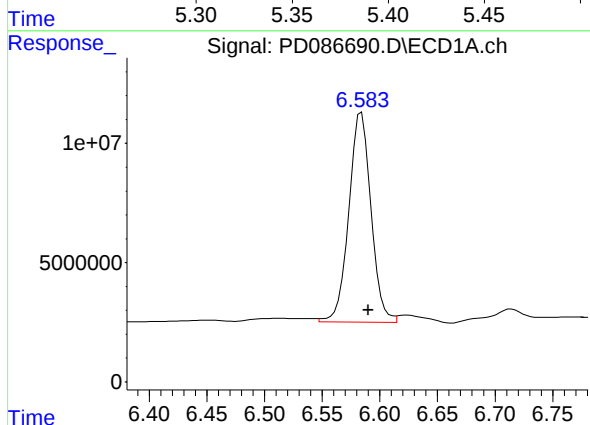
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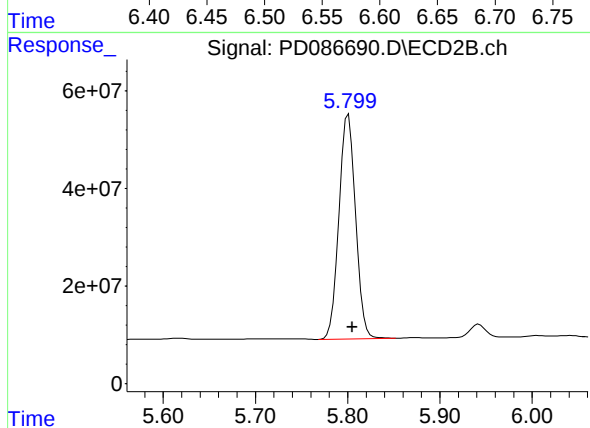
#12 4,4'-DDE

R.T.: 5.390 min
Delta R.T.: -0.002 min
Response: 1405001
Conc: 0.11 ng/ml m



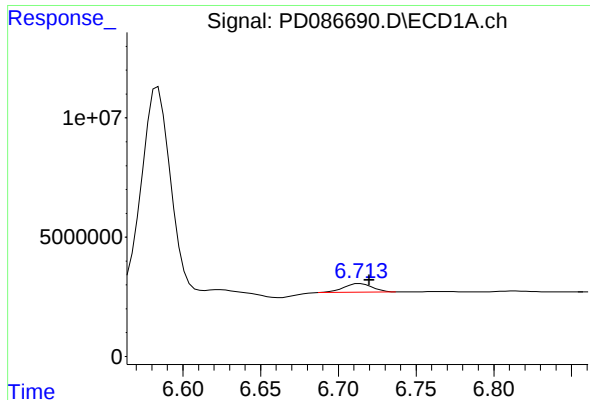
#14 Endrin

R.T.: 6.584 min
Delta R.T.: -0.006 min
Response: 117375354
Conc: 54.45 ng/ml



#14 Endrin

R.T.: 5.801 min
Delta R.T.: -0.004 min
Response: 575483662
Conc: 46.90 ng/ml



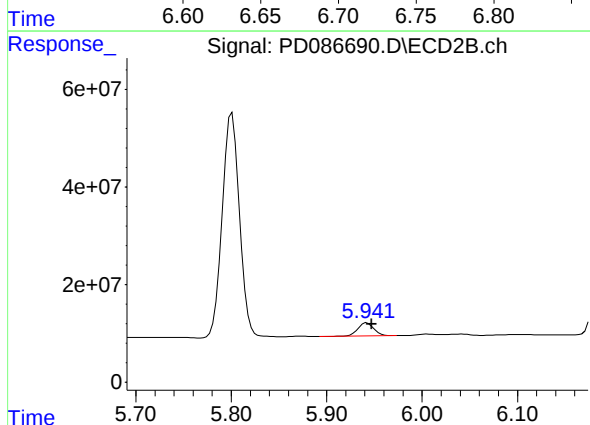
#16 4,4'-DDD

R.T.: 6.713 min
Delta R.T.: -0.007 min
Response: 4705374
Conc: 2.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

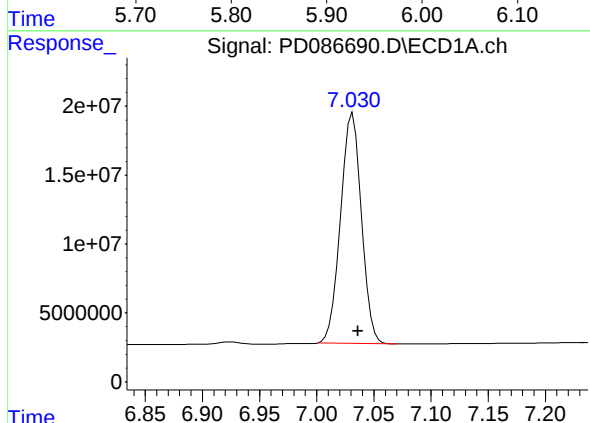
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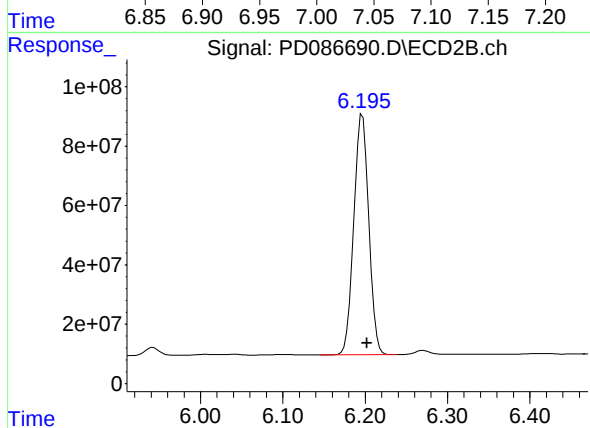
#16 4,4'-DDD

R.T.: 5.942 min
Delta R.T.: -0.005 min
Response: 31867730
Conc: 2.89 ng/ml



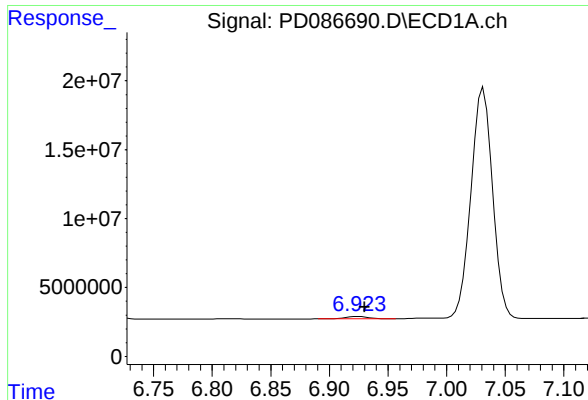
#17 4,4'-DDT

R.T.: 7.032 min
Delta R.T.: -0.005 min
Response: 212882401
Conc: 116.28 ng/ml



#17 4,4'-DDT

R.T.: 6.197 min
Delta R.T.: -0.006 min
Response: 1026125924
Conc: 88.48 ng/ml



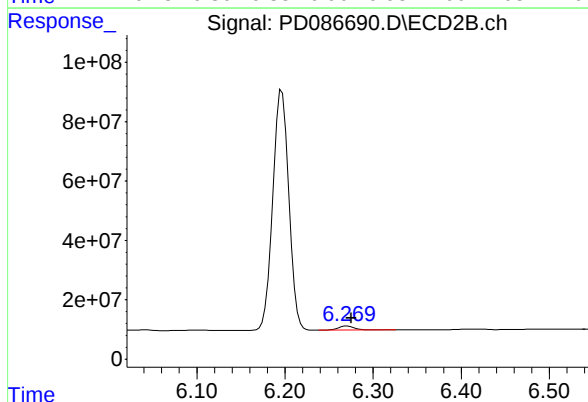
#18 Endrin aldehyde

R.T.: 6.925 min
Delta R.T.: -0.005 min
Response: 2339961
Conc: 1.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

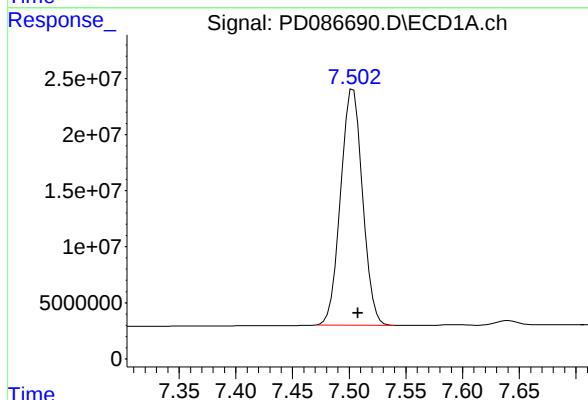
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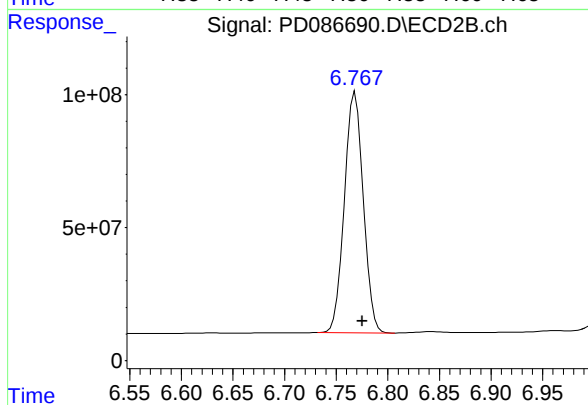
#18 Endrin aldehyde

R.T.: 6.271 min
Delta R.T.: -0.005 min
Response: 18053040
Conc: 1.93 ng/ml



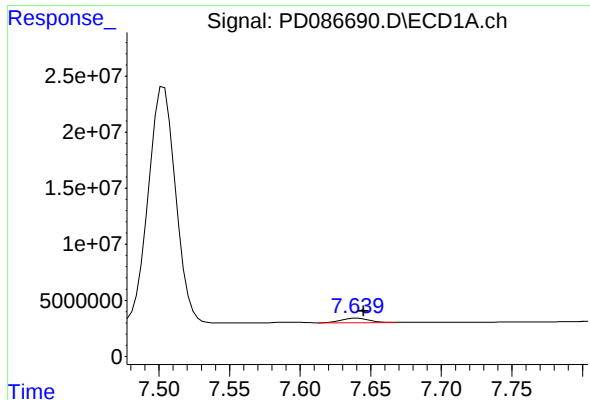
#20 Methoxychlor

R.T.: 7.504 min
Delta R.T.: -0.004 min
Response: 282759451
Conc: 261.46 ng/ml



#20 Methoxychlor

R.T.: 6.768 min
Delta R.T.: -0.007 min
Response: 1154843550
Conc: 182.77 ng/ml



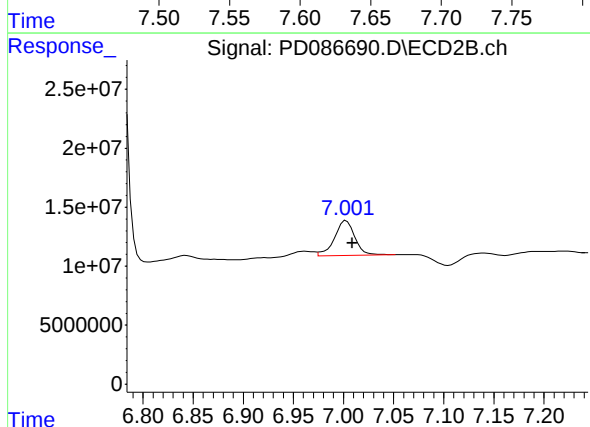
#21 Endrin ketone

R.T.: 7.640 min
Delta R.T.: -0.005 min
Response: 5416377
Conc: 2.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

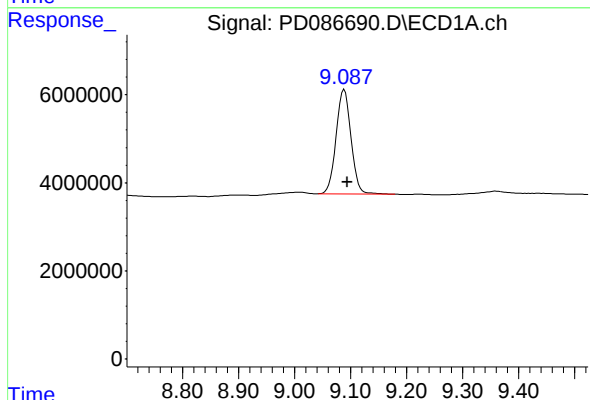
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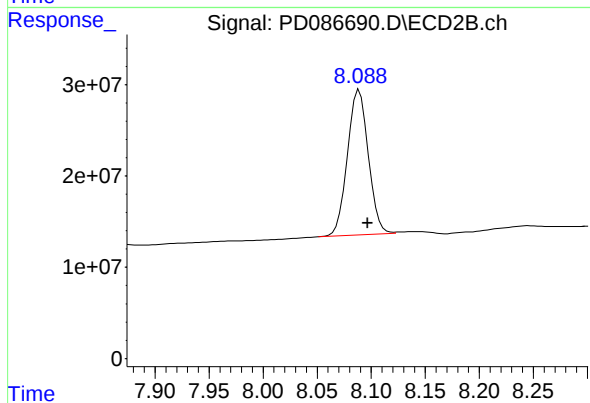
#21 Endrin ketone

R.T.: 7.003 min
Delta R.T.: -0.006 min
Response: 41931454
Conc: 3.30 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.089 min
Delta R.T.: -0.005 min
Response: 43987285
Conc: 22.94 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.089 min
Delta R.T.: -0.008 min
Response: 213924455
Conc: 19.97 ng/ml