

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020725\
 Data File : PD087780.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Feb 2025 09:20
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/10/2025
 Supervised By : Ankita Jodhani 02/10/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 08 00:01:21 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012325.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 22 14:33:08 2025
 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 x 0.5 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...	3.555	2.881	41865557	270.3E6	21.013	22.473
28)	SA Decachlor...	9.085	8.081	62113161	305.8E6	20.365	21.637
Target Compounds							
2)	A alpha-BHC	4.004	3.395	40010745	221.5E6	9.942	11.848
3)	MA gamma-BHC...	4.334	3.732	39633530	202.6E6	9.959m	11.409
6)	B beta-BHC	4.520	4.028	17718281	93773341	11.224	12.295
12)	B 4,4'-DDE	6.204	5.380	653483	3004251	0.217m	0.191m
14)	MA Endrin	6.581	5.794	124.9E6	673.7E6	43.093	45.234
16)	A 4,4'-DDD	6.712	5.936	11689358	68203661	4.857	5.158
17)	MA 4,4'-DDT	7.029	6.189	238.3E6	1218.6E6	92.504	90.530
18)	B Endrin al...	6.922	6.264	4642905	30929275	2.004	2.653 #
20)	A Methoxychlor	7.501	6.761	310.8E6	1390.3E6	211.749	181.914
21)	B Endrin ke...	7.637	6.997	10484825	73879208	3.410	4.735 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020725\
Data File : PD087780.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Feb 2025 09:20
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

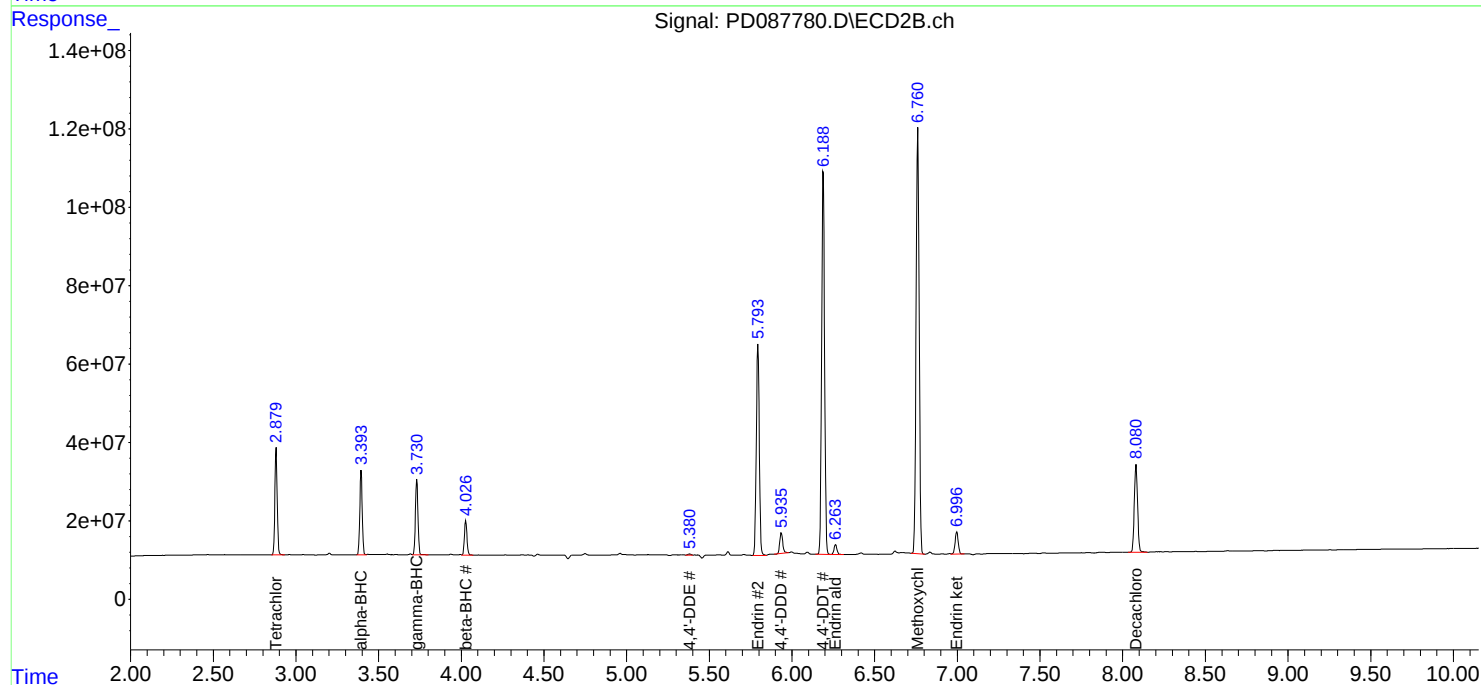
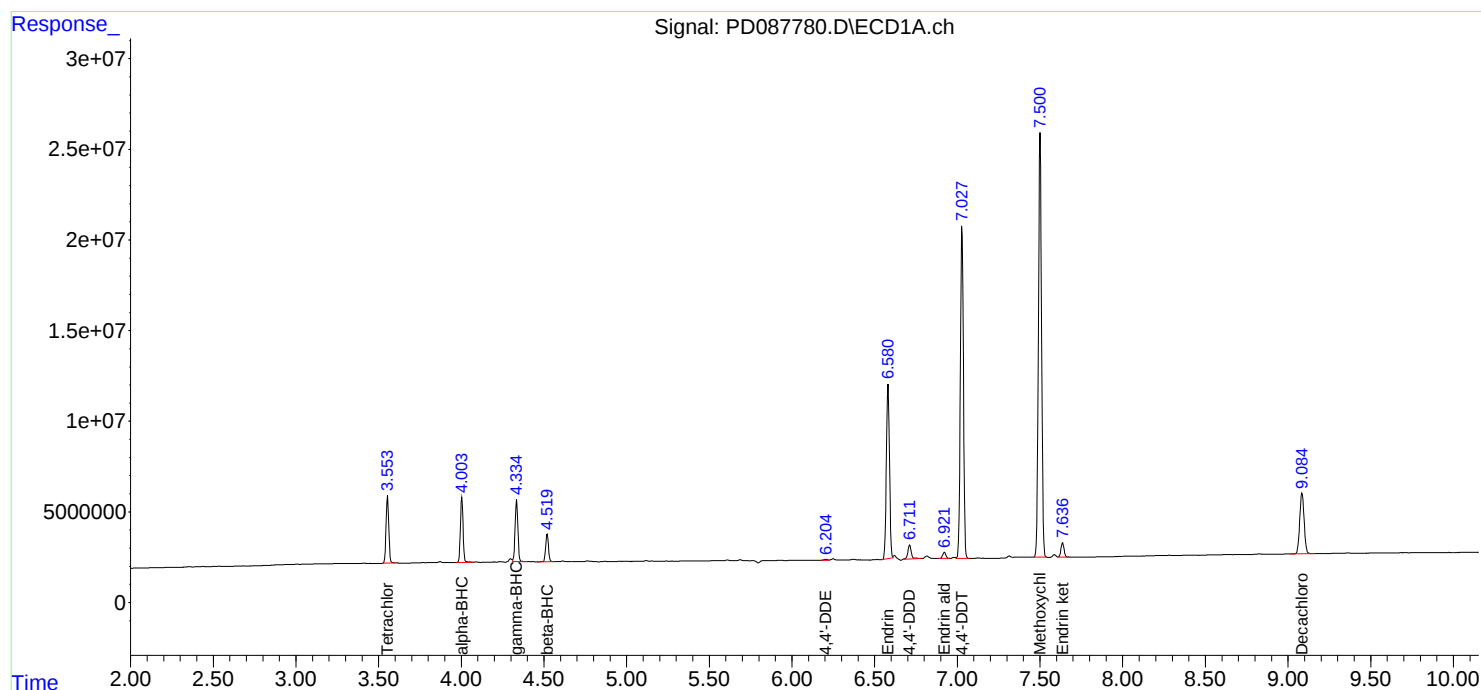
Instrument :
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ClientSampleId :
PEM

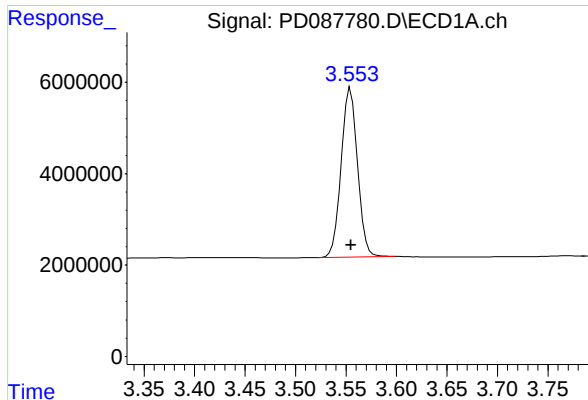
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 08 00:01:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012325.M
Quant Title : GC Extractables
QLast Update : Wed Jan 22 14:33:08 2025
Response 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 x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





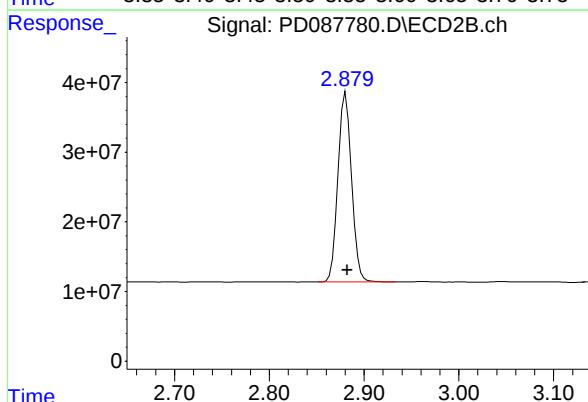
#1 Tetrachloro-m-xylene

R.T.: 3.555 min
Delta R.T.: 0.000 min
Response: 41865557
Conc: 21.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

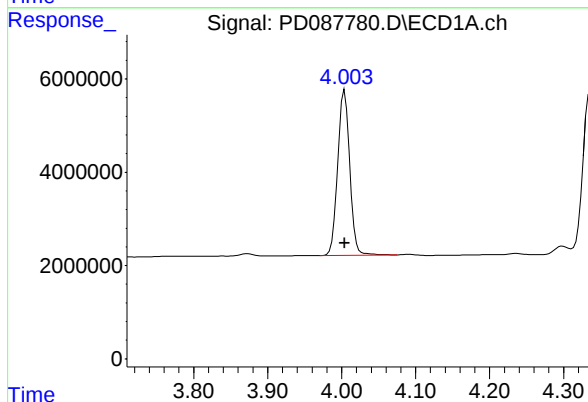
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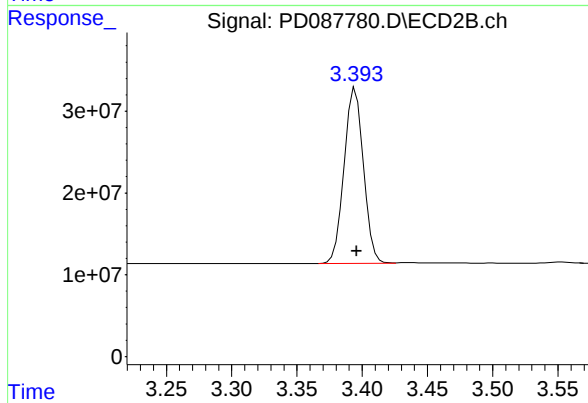
#1 Tetrachloro-m-xylene

R.T.: 2.881 min
Delta R.T.: -0.001 min
Response: 270281048
Conc: 22.47 ng/ml



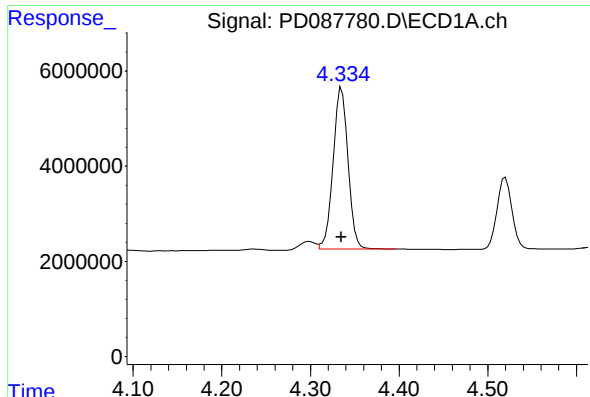
#2 alpha-BHC

R.T.: 4.004 min
Delta R.T.: 0.000 min
Response: 40010745
Conc: 9.94 ng/ml



#2 alpha-BHC

R.T.: 3.395 min
Delta R.T.: 0.000 min
Response: 221453775
Conc: 11.85 ng/ml



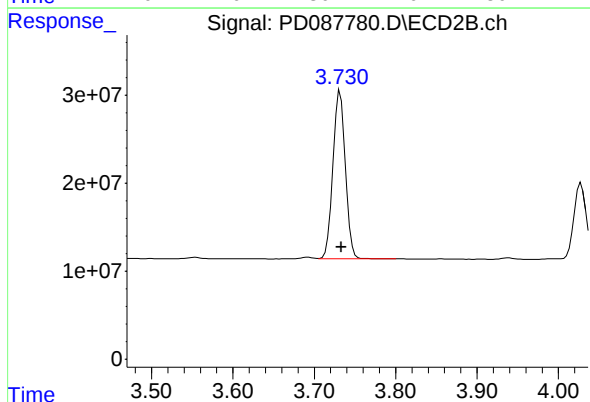
#3 gamma-BHC (Lindane)

R.T.: 4.334 min
Delta R.T.: -0.001 min
Response: 39633530
Conc: 9.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

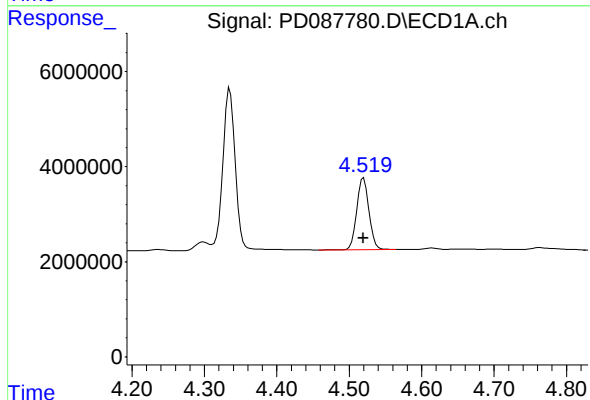
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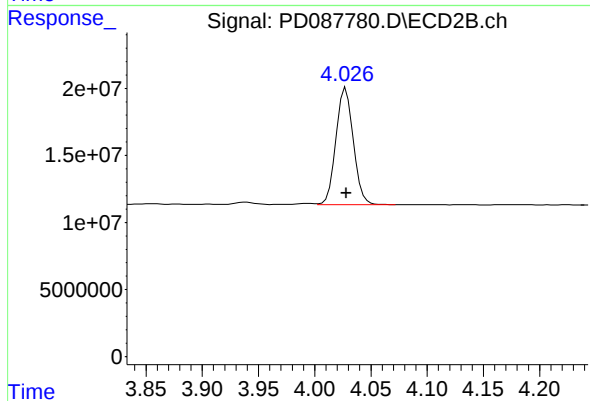
#3 gamma-BHC (Lindane)

R.T.: 3.732 min
Delta R.T.: -0.001 min
Response: 202560323
Conc: 11.41 ng/ml



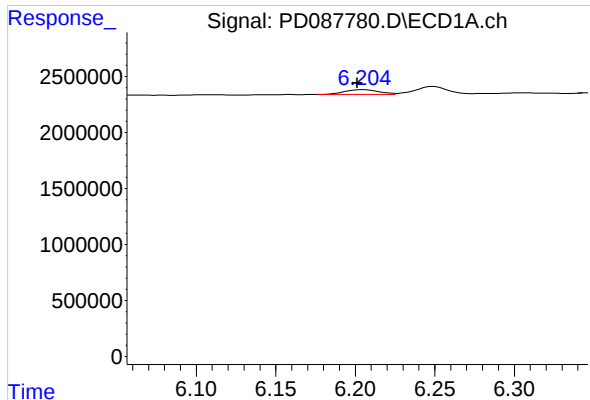
#6 beta-BHC

R.T.: 4.520 min
Delta R.T.: 0.000 min
Response: 17718281
Conc: 11.22 ng/ml



#6 beta-BHC

R.T.: 4.028 min
Delta R.T.: 0.000 min
Response: 93773341
Conc: 12.30 ng/ml



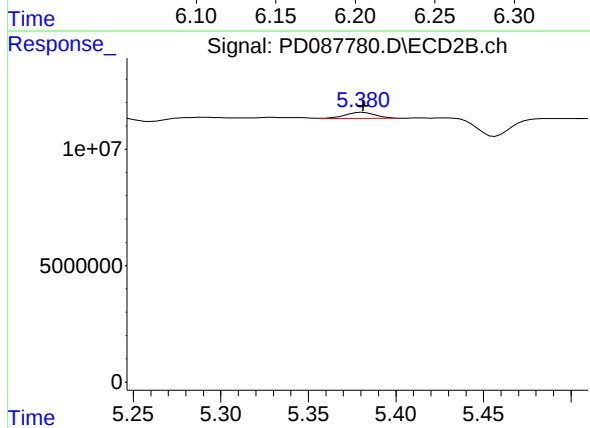
#12 4,4'-DDE

R.T.: 6.204 min
Delta R.T.: 0.003 min
Response: 653483
Conc: 0.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

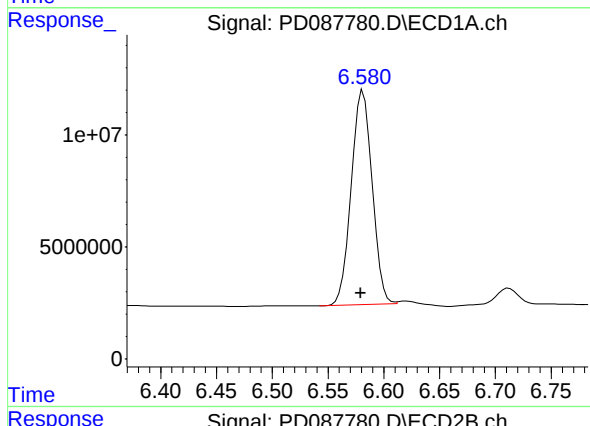
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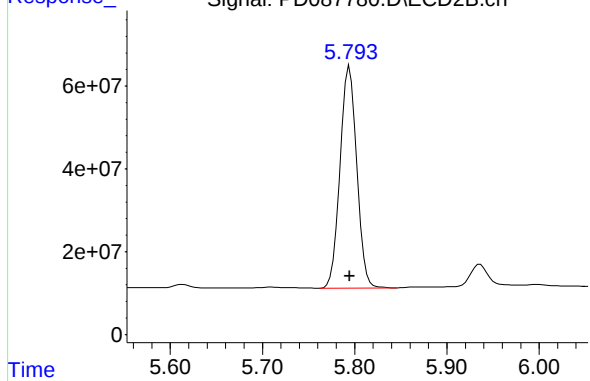
#12 4,4'-DDE

R.T.: 5.380 min
Delta R.T.: -0.002 min
Response: 3004251
Conc: 0.19 ng/ml



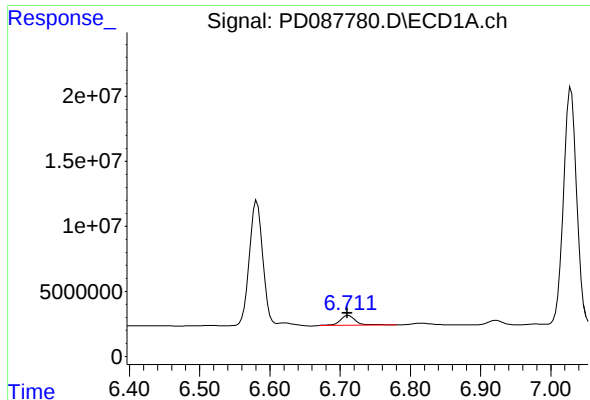
#14 Endrin

R.T.: 6.581 min
Delta R.T.: 0.002 min
Response: 124882896
Conc: 43.09 ng/ml



#14 Endrin

R.T.: 5.794 min
Delta R.T.: 0.000 min
Response: 673691179
Conc: 45.23 ng/ml



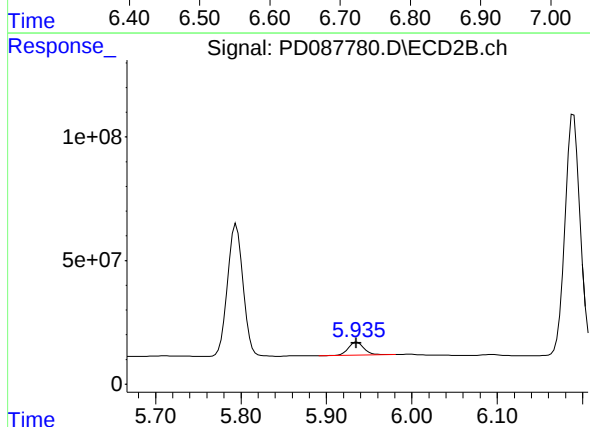
#16 4,4'-DDD

R.T.: 6.712 min
Delta R.T.: 0.002 min
Response: 11689358
Conc: 4.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

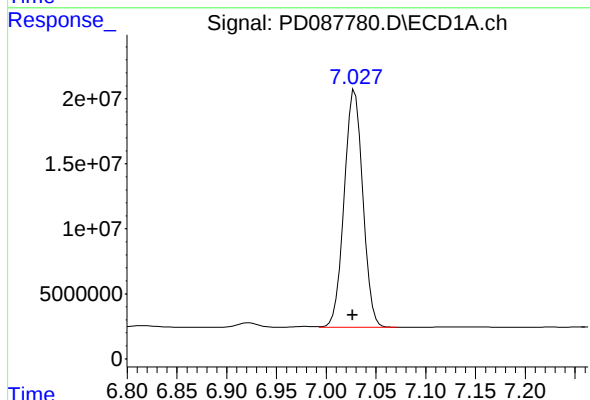
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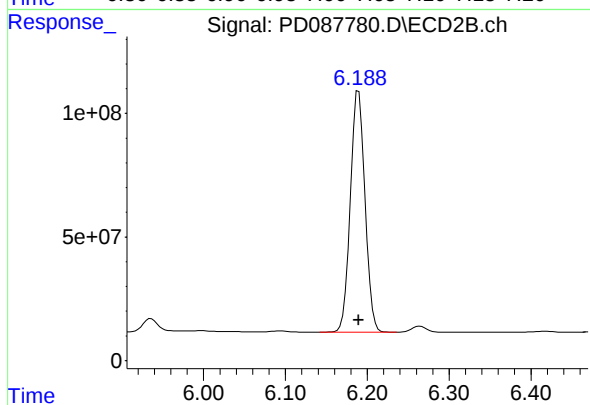
#16 4,4'-DDD

R.T.: 5.936 min
Delta R.T.: 0.000 min
Response: 68203661
Conc: 5.16 ng/ml



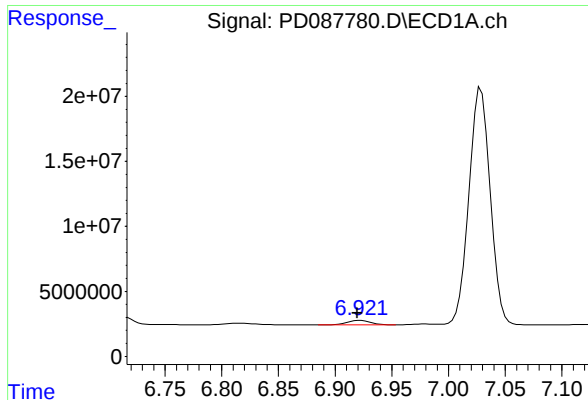
#17 4,4'-DDT

R.T.: 7.029 min
Delta R.T.: 0.002 min
Response: 238256503
Conc: 92.50 ng/ml



#17 4,4'-DDT

R.T.: 6.189 min
Delta R.T.: 0.000 min
Response: 1218576891
Conc: 90.53 ng/ml



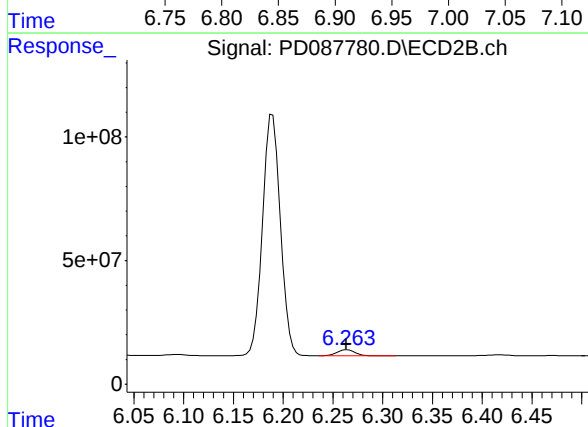
#18 Endrin aldehyde

R.T.: 6.922 min
Delta R.T.: 0.003 min
Response: 4642905
Conc: 2.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

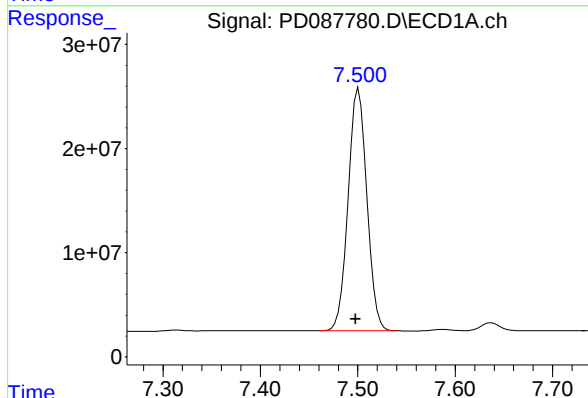
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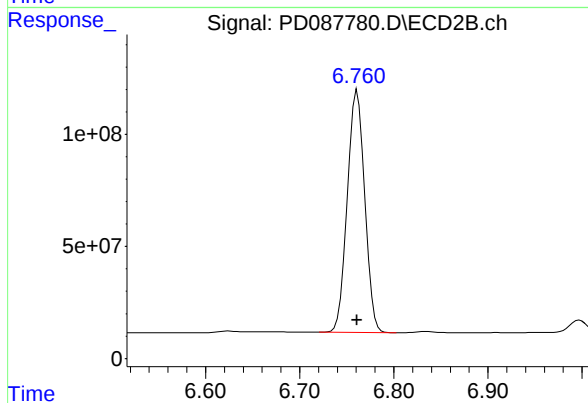
#18 Endrin aldehyde

R.T.: 6.264 min
Delta R.T.: 0.000 min
Response: 30929275
Conc: 2.65 ng/ml



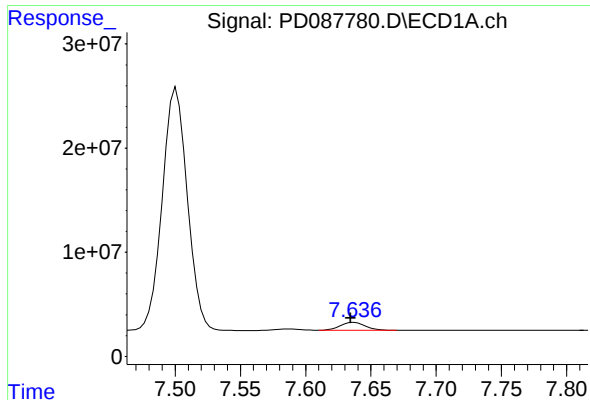
#20 Methoxychlor

R.T.: 7.501 min
Delta R.T.: 0.003 min
Response: 310813853
Conc: 211.75 ng/ml



#20 Methoxychlor

R.T.: 6.761 min
Delta R.T.: 0.000 min
Response: 1390266859
Conc: 181.91 ng/ml



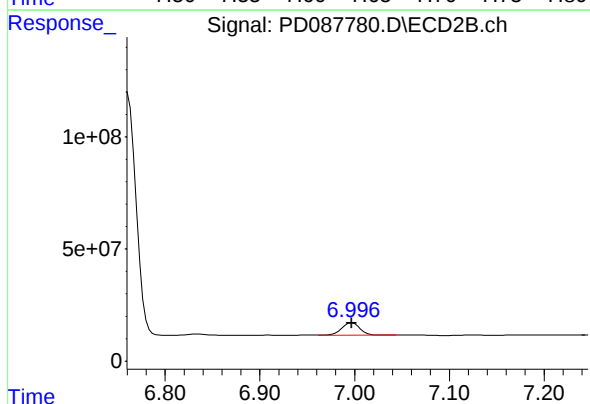
#21 Endrin ketone

R.T.: 7.637 min
Delta R.T.: 0.003 min
Response: 10484825
Conc: 3.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

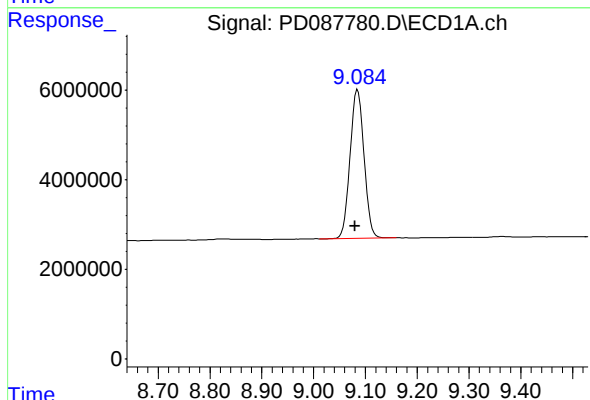
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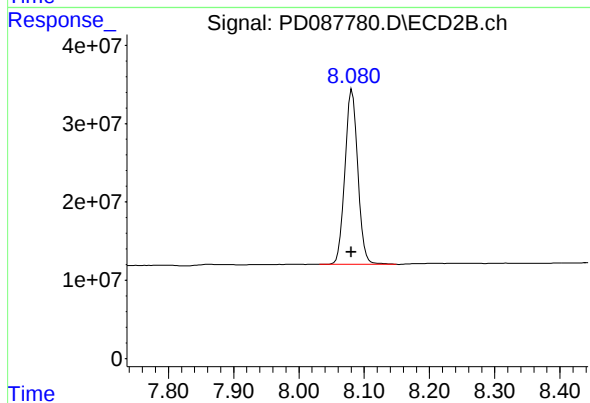
#21 Endrin ketone

R.T.: 6.997 min
Delta R.T.: 0.000 min
Response: 73879208
Conc: 4.73 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.085 min
Delta R.T.: 0.005 min
Response: 62113161
Conc: 20.36 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.081 min
Delta R.T.: 0.000 min
Response: 305779708
Conc: 21.64 ng/ml