

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042825\
 Data File : PD088289.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Apr 2025 09:23
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/29/2025
 Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 29 02:17:25 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041825.M
 Quant Title : GC Extractables
 QLast Update : Sat Apr 19 06:32:27 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 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...	3.550	2.882	42695085	303.6E6	21.375	20.762
28)	SA Decachlor...	9.072	8.074	69088698	354.1E6	20.885	19.161
Target Compounds							
2)	A alpha-BHC	3.999	3.394	41813137	245.6E6	9.697	10.745
3)	MA gamma-BHC...	4.330	3.731	42765498	230.4E6	10.213	10.696
6)	B beta-BHC	4.515	4.027	17951329	102.6E6	11.058	11.091
12)	B 4,4'-DDE	6.210	5.381	1724188	3916153	0.523m	0.199m#
14)	MA Endrin	6.574	5.791	163.4E6	882.3E6	54.778	48.473
16)	A 4,4'-DDD	6.702	5.936	644339	6767246	0.256m	0.413m#
17)	MA 4,4'-DDT	7.020	6.185	304.9E6	1625.1E6	109.757	95.502
18)	B Endrin al...	6.920	6.259	928418	7453356	0.402	0.560 #
20)	A Methoxychlor	7.492	6.757	377.9E6	1742.1E6	252.034	190.997
21)	B Endrin ke...	7.630	6.993	874483	8292886	0.283	0.443 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042825\
Data File : PD088289.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Apr 2025 09:23
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

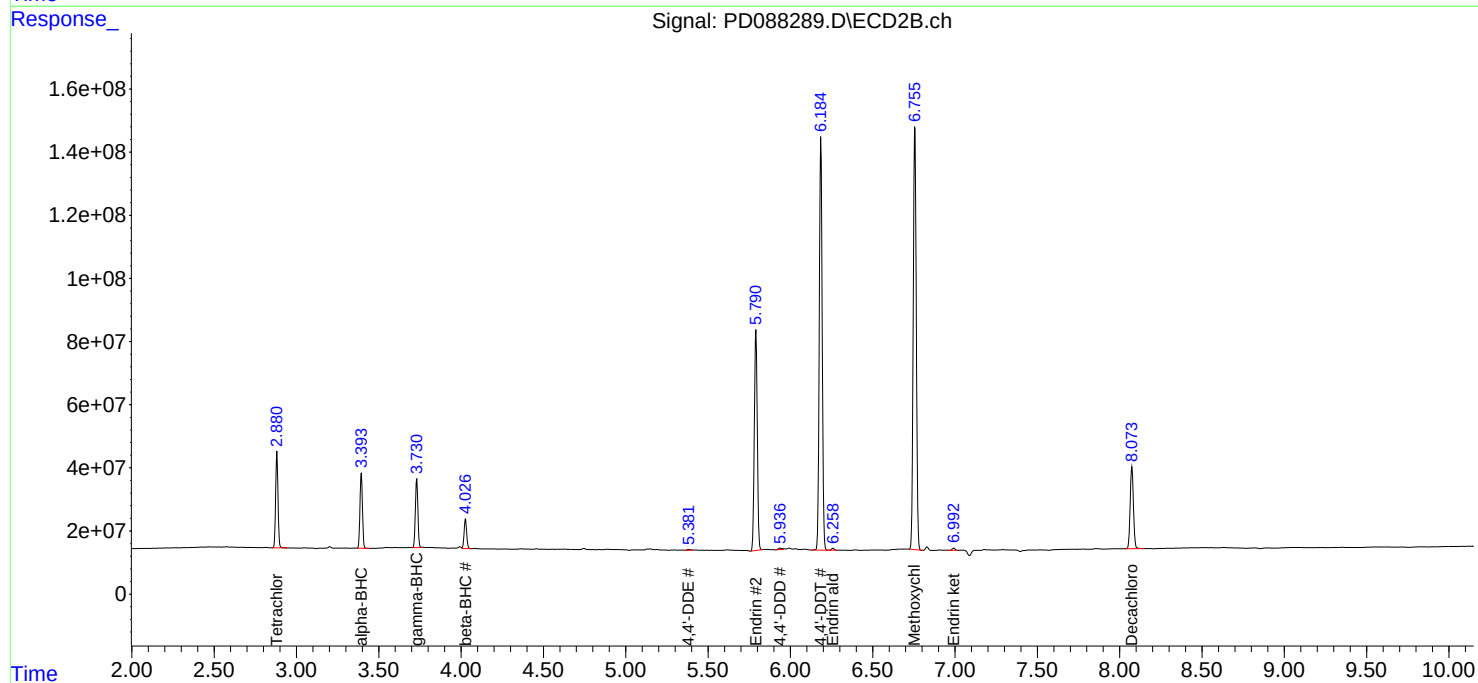
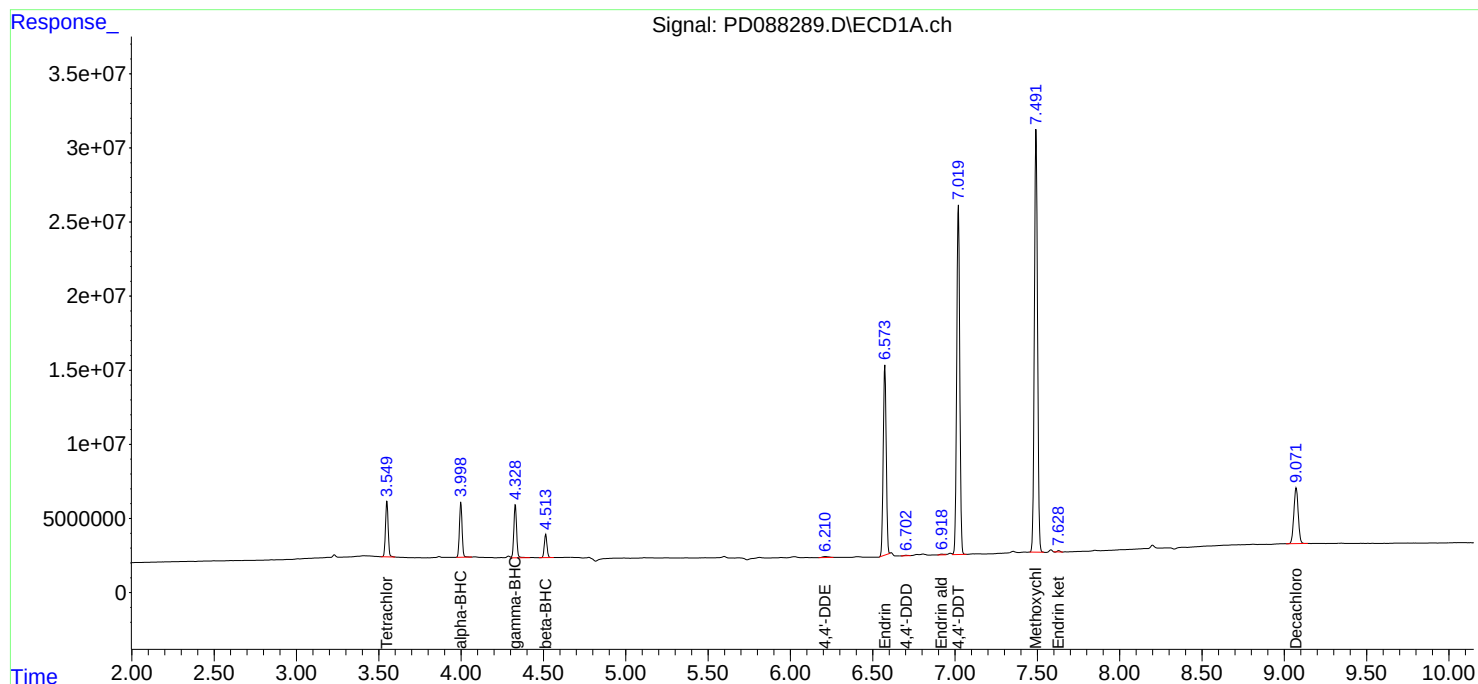
Instrument :
ECD_D
ClientSampleId :
PEM

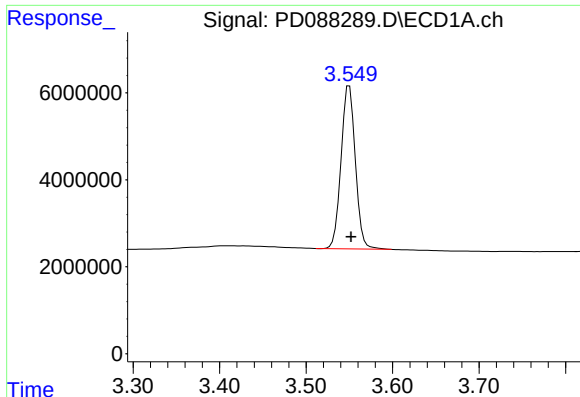
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 29 02:17:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041825.M
Quant Title : GC Extractables
QLast Update : Sat Apr 19 06:32:27 2025
Response 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





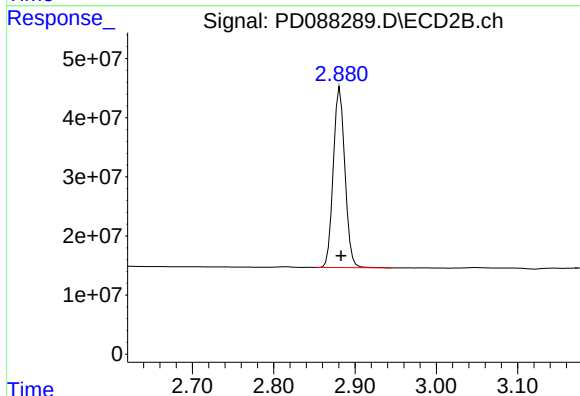
#1 Tetrachloro-m-xylene

R.T.: 3.550 min
Delta R.T.: -0.002 min
Response: 42695085
Conc: 21.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

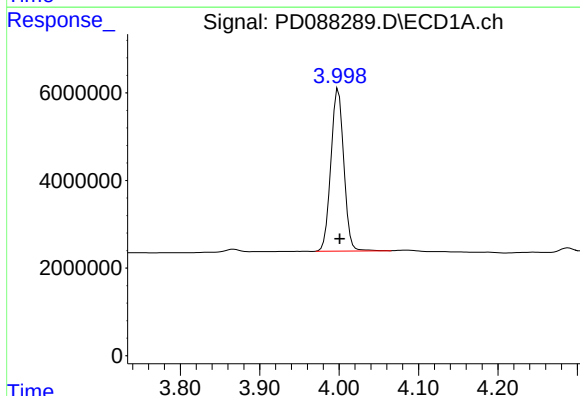
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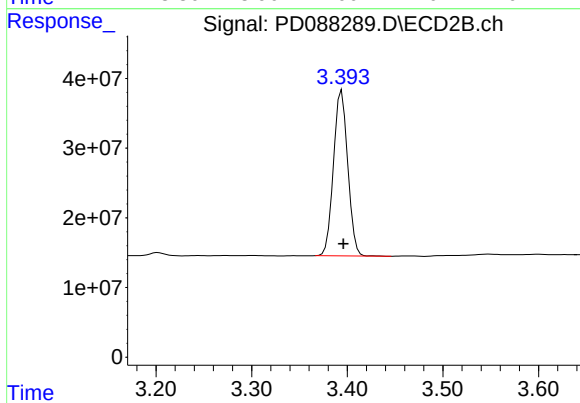
#1 Tetrachloro-m-xylene

R.T.: 2.882 min
Delta R.T.: -0.001 min
Response: 303572925
Conc: 20.76 ng/ml



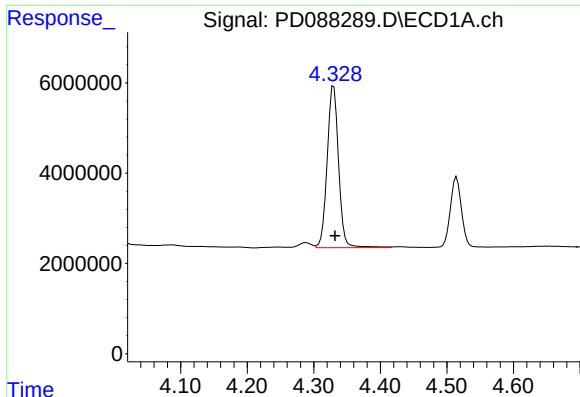
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: -0.002 min
Response: 41813137
Conc: 9.70 ng/ml



#2 alpha-BHC

R.T.: 3.394 min
Delta R.T.: -0.002 min
Response: 245638429
Conc: 10.74 ng/ml



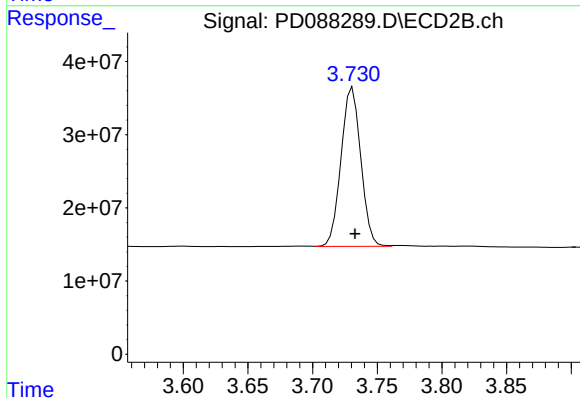
#3 gamma-BHC (Lindane)

R.T.: 4.330 min
Delta R.T.: -0.002 min
Response: 42765498
Conc: 10.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

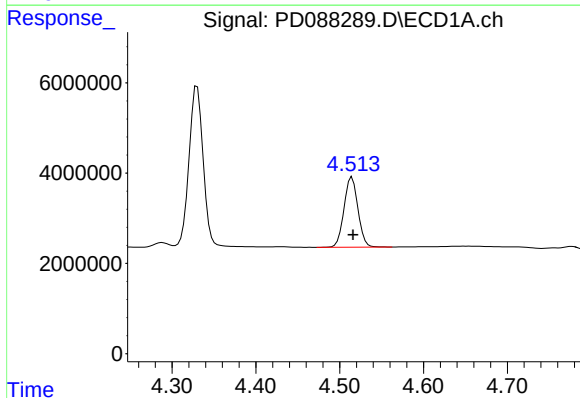
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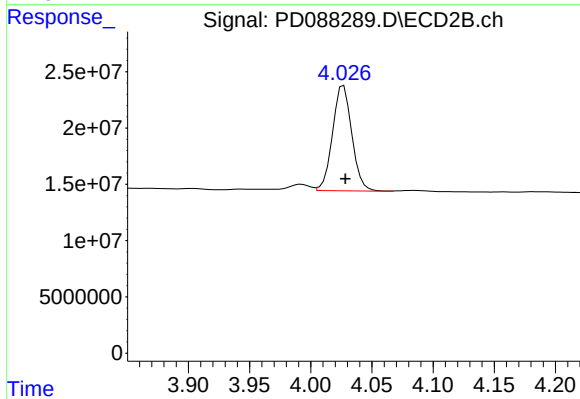
#3 gamma-BHC (Lindane)

R.T.: 3.731 min
Delta R.T.: -0.002 min
Response: 230374422
Conc: 10.70 ng/ml



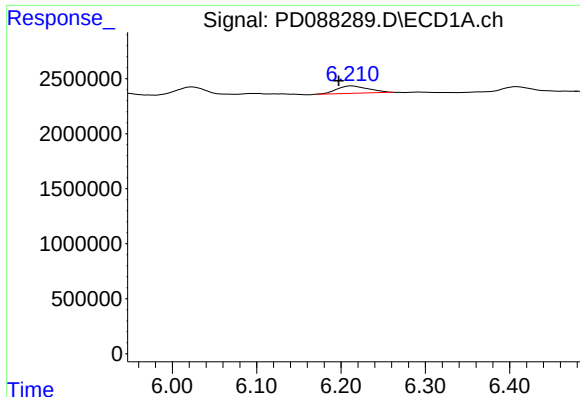
#6 beta-BHC

R.T.: 4.515 min
Delta R.T.: -0.002 min
Response: 17951329
Conc: 11.06 ng/ml



#6 beta-BHC

R.T.: 4.027 min
Delta R.T.: -0.002 min
Response: 102637216
Conc: 11.09 ng/ml



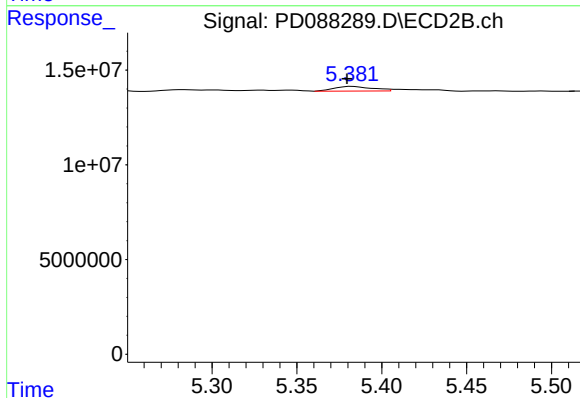
#12 4,4'-DDE

R.T.: 6.210 min
Delta R.T.: 0.013 min
Response: 1724188
Conc: 0.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

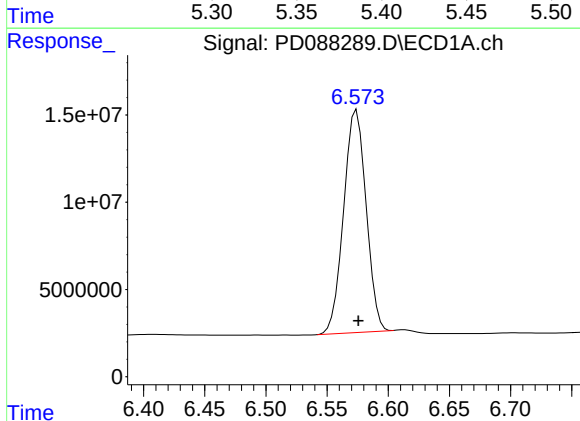
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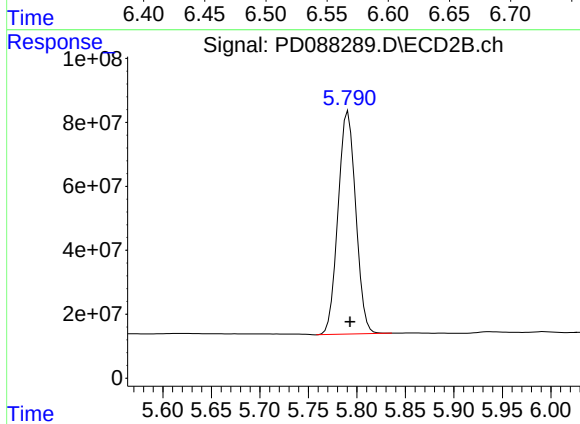
#12 4,4'-DDE

R.T.: 5.381 min
Delta R.T.: 0.001 min
Response: 3916153
Conc: 0.20 ng/ml m



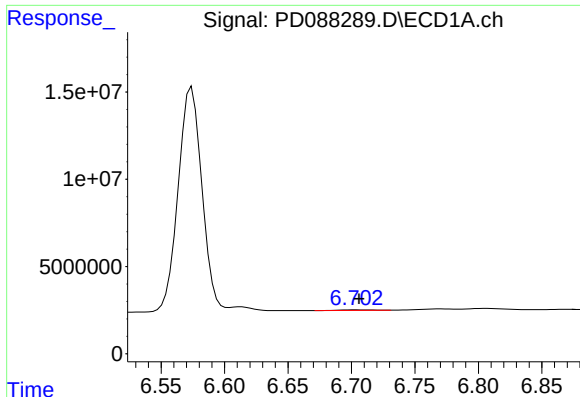
#14 Endrin

R.T.: 6.574 min
Delta R.T.: -0.002 min
Response: 163380434
Conc: 54.78 ng/ml



#14 Endrin

R.T.: 5.791 min
Delta R.T.: -0.002 min
Response: 882324457
Conc: 48.47 ng/ml



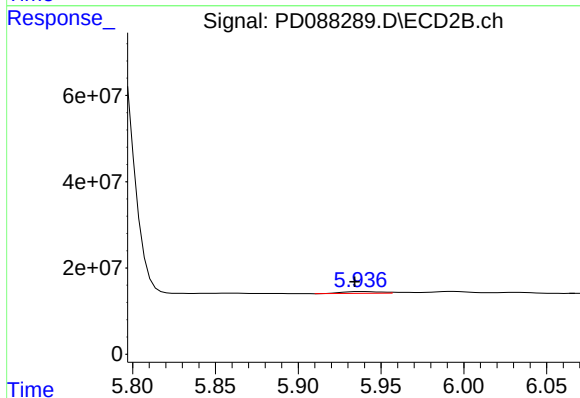
#16 4,4'-DDD

R.T.: 6.702 min
Delta R.T.: -0.004 min
Response: 644339
Conc: 0.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

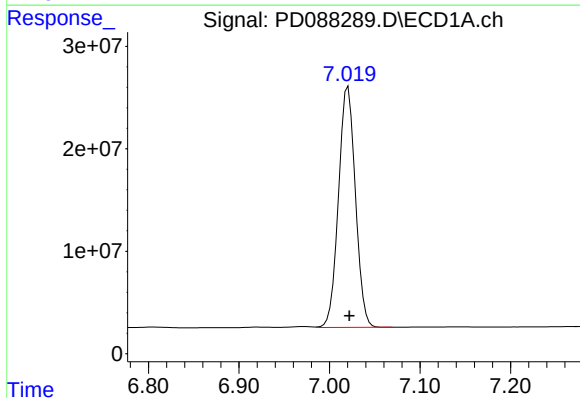
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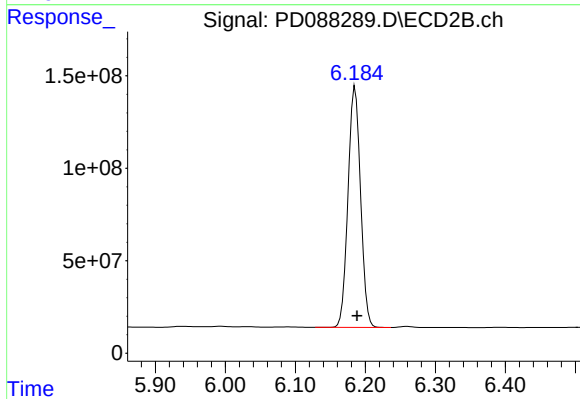
#16 4,4'-DDD

R.T.: 5.936 min
Delta R.T.: 0.002 min
Response: 6767246
Conc: 0.41 ng/ml m



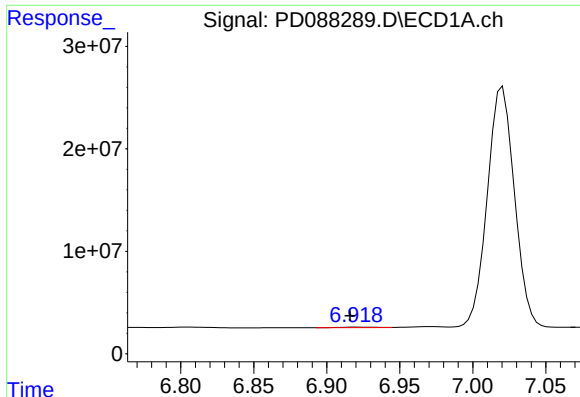
#17 4,4'-DDT

R.T.: 7.020 min
Delta R.T.: -0.002 min
Response: 304853574
Conc: 109.76 ng/ml



#17 4,4'-DDT

R.T.: 6.185 min
Delta R.T.: -0.003 min
Response: 1625112007
Conc: 95.50 ng/ml



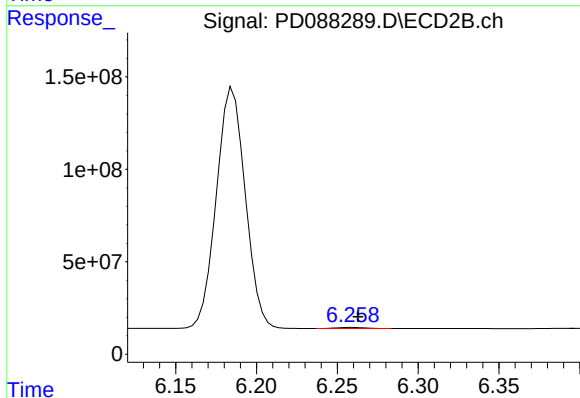
#18 Endrin aldehyde

R.T.: 6.920 min
Delta R.T.: 0.004 min
Response: 928418
Conc: 0.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

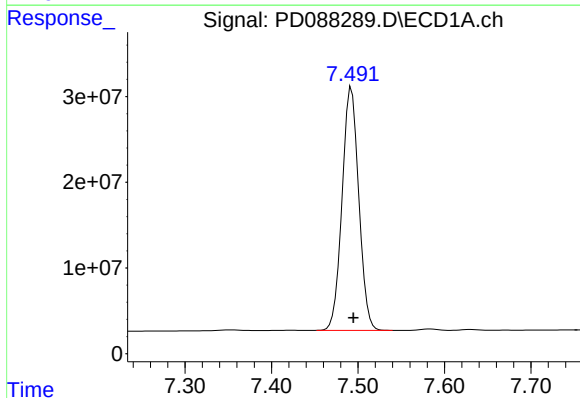
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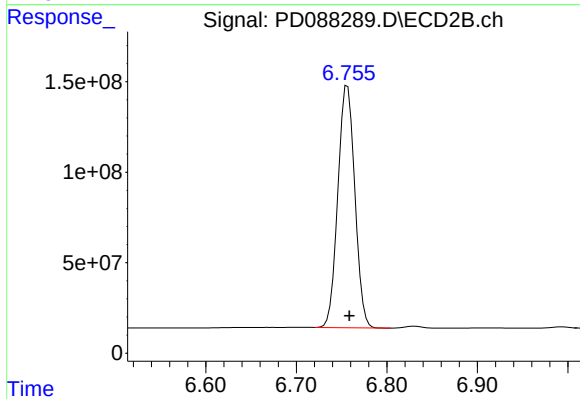
#18 Endrin aldehyde

R.T.: 6.259 min
Delta R.T.: -0.004 min
Response: 7453356
Conc: 0.56 ng/ml



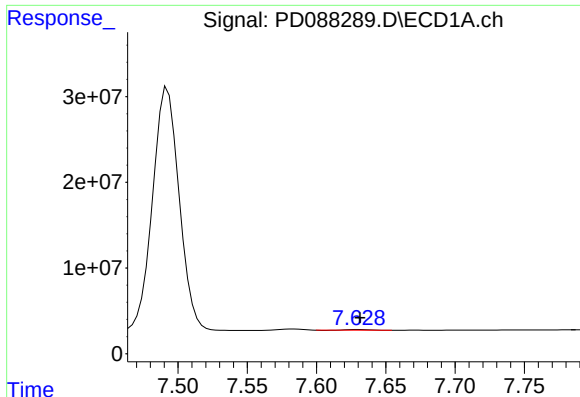
#20 Methoxychlor

R.T.: 7.492 min
Delta R.T.: -0.002 min
Response: 377936716
Conc: 252.03 ng/ml



#20 Methoxychlor

R.T.: 6.757 min
Delta R.T.: -0.002 min
Response: 1742094591
Conc: 191.00 ng/ml



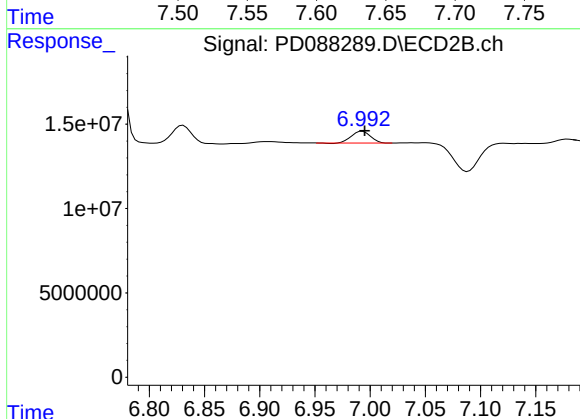
#21 Endrin ketone

R.T.: 7.630 min
Delta R.T.: -0.001 min
Response: 874483
Conc: 0.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

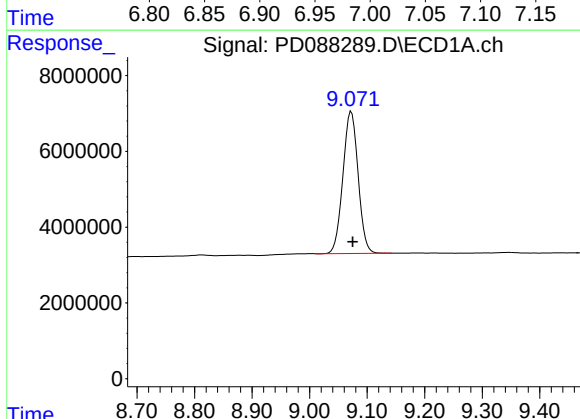
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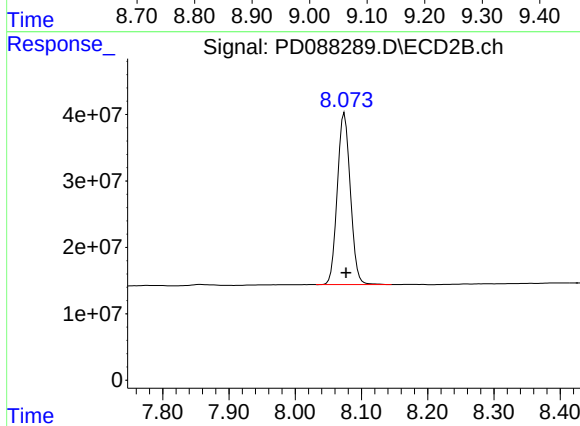
#21 Endrin ketone

R.T.: 6.993 min
Delta R.T.: -0.002 min
Response: 8292886
Conc: 0.44 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.072 min
Delta R.T.: -0.003 min
Response: 69088698
Conc: 20.88 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.074 min
Delta R.T.: -0.002 min
Response: 354082464
Conc: 19.16 ng/ml