

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120225\
 Data File : PD091433.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Dec 2025 18:45
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/03/2025
 Supervised By : Sohil Jodhani 12/03/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 03 01:10:32 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 15 04:46:13 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...	3.541	2.872	72319684	859.6E6	20.971	23.466
28)	SA Decachlor...	9.064	8.058	98475950	880.3E6	19.767	22.245
Target Compounds							
2)	A alpha-BHC	3.990	3.383	72395919	733.8E6	9.055	11.610 #
3)	MA gamma-BHC...	4.321	3.719	69206987	677.9E6	9.261	11.724 #
6)	B beta-BHC	4.509	4.016	29686268	274.4E6	10.217	11.419
14)	MA Endrin	6.565	5.777	266.7E6	2832.3E6	53.722	62.672
16)	A 4,4'-DDD	6.696	5.917	17014873	223.5E6	3.464m	4.574 #
17)	MA 4,4'-DDT	7.013	6.171	432.9E6	4734.4E6	104.673	120.983
18)	B Endrin al...	6.907	6.245	1378592	35564204	0.331m	1.008 #
20)	A Methoxychlor	7.486	6.741	515.8E6	4799.0E6	237.214	239.333
21)	B Endrin ke...	7.623	6.977	12085136	104.0E6	2.145	2.041m

(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

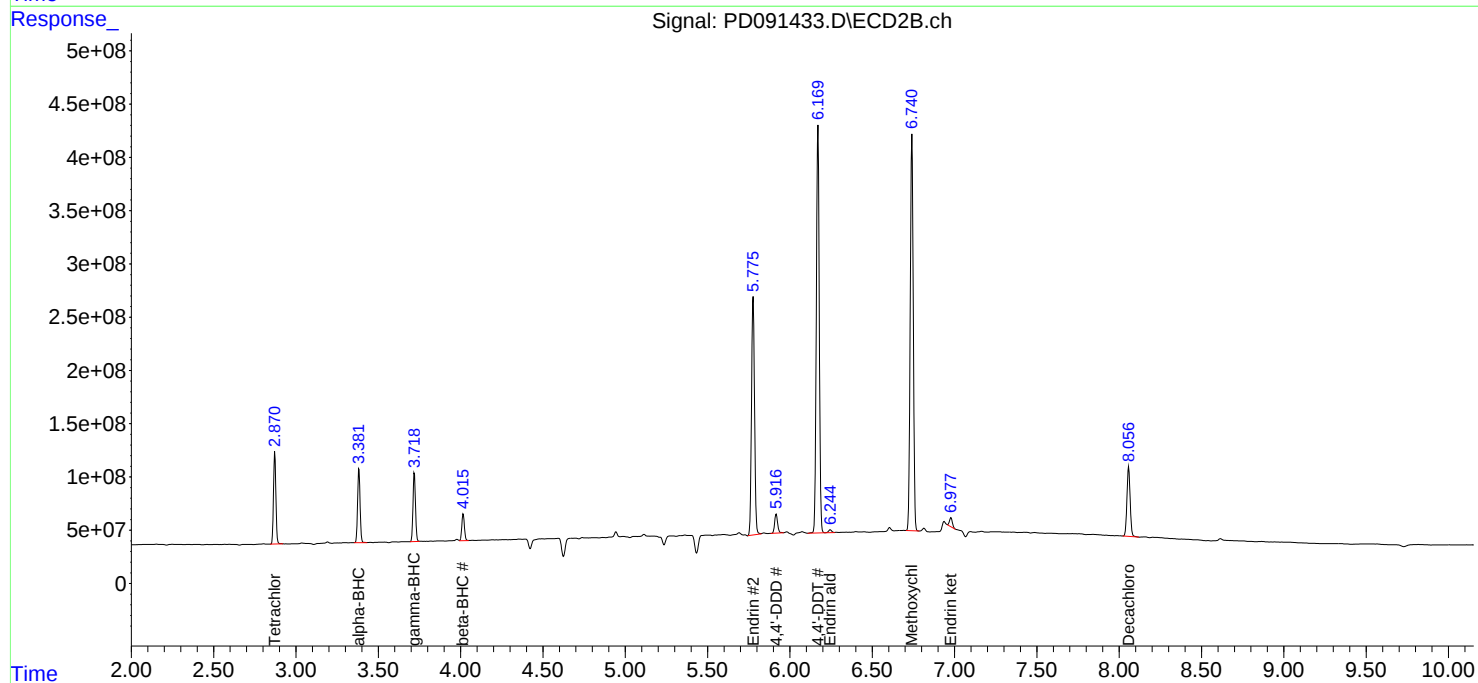
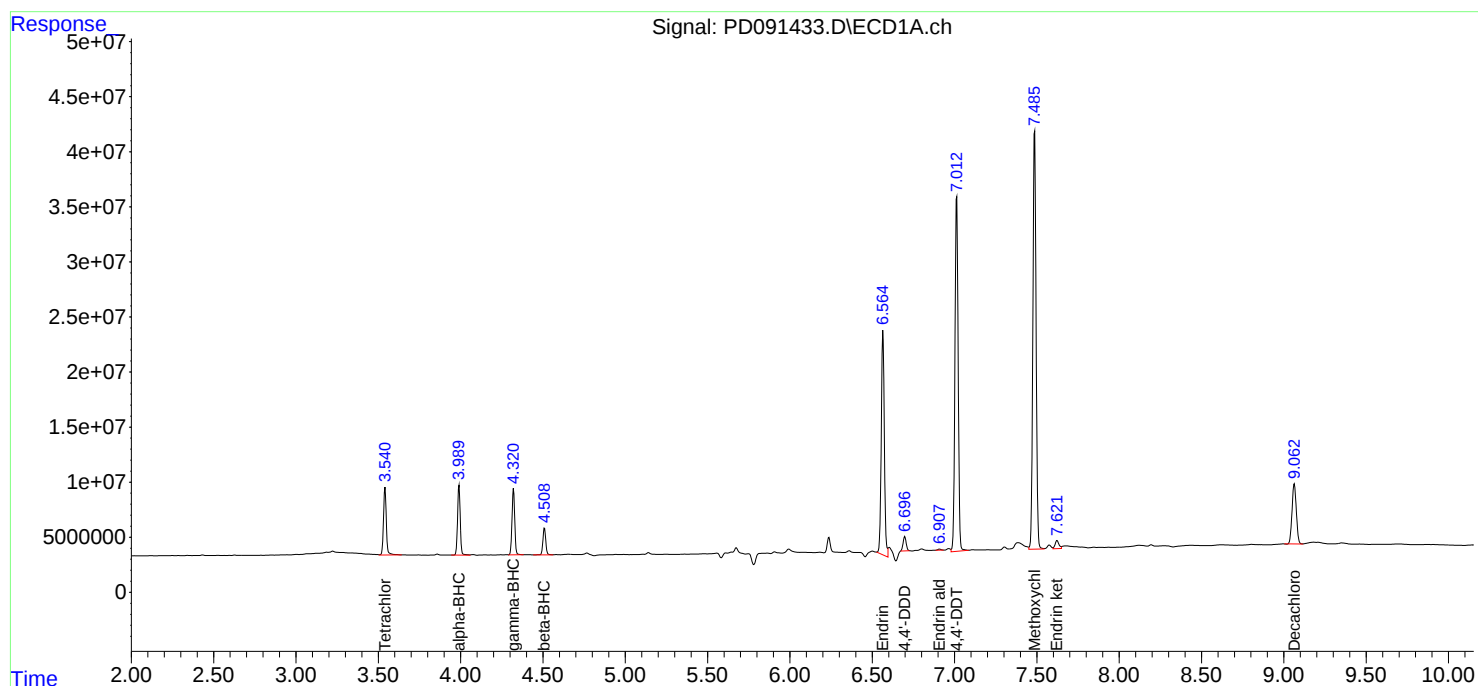
Instrument :
ECD_D
ClientSampleId :
PEM

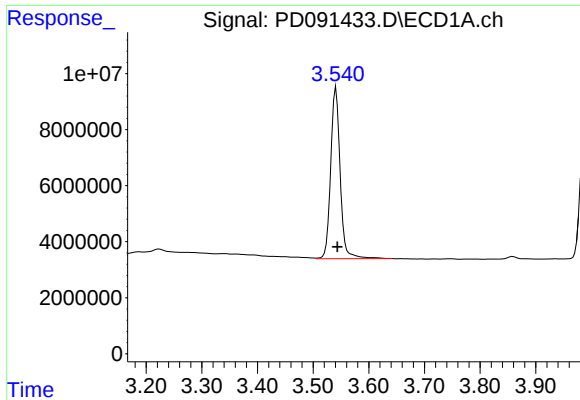
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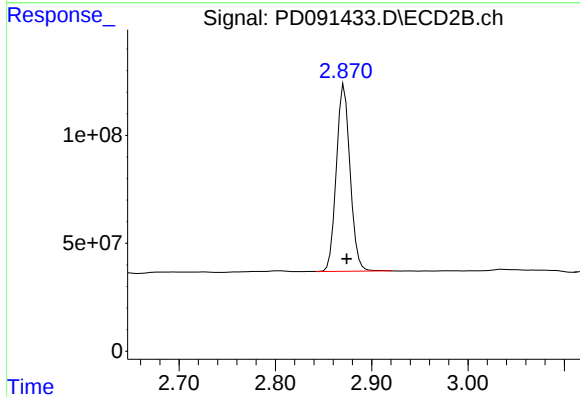
#1 Tetrachloro-m-xylene

R.T.: 3.541 min
Delta R.T.: -0.003 min
Response: 72319684
Conc: 20.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

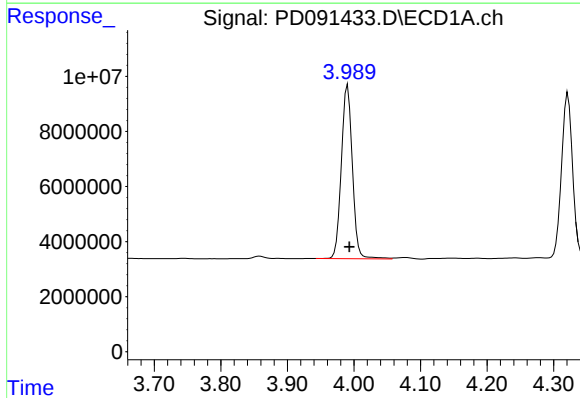
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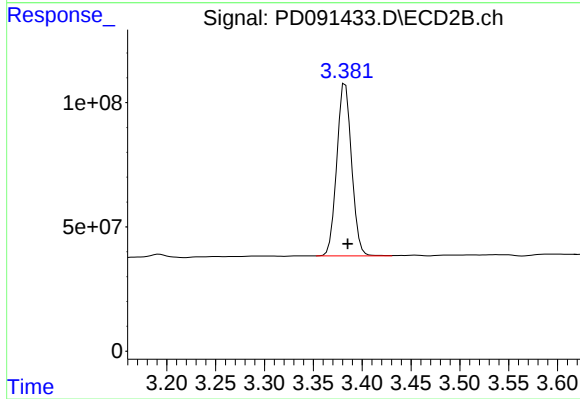
#1 Tetrachloro-m-xylene

R.T.: 2.872 min
Delta R.T.: -0.003 min
Response: 859563283
Conc: 23.47 ng/ml



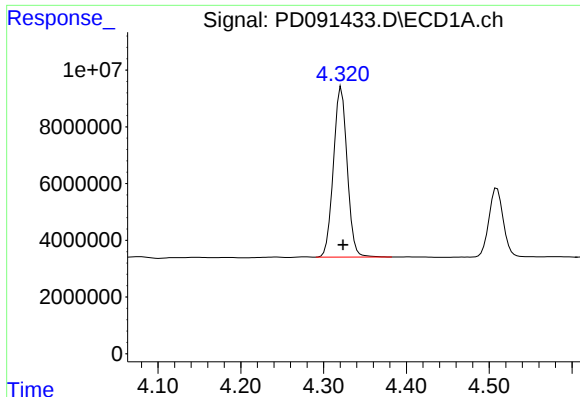
#2 alpha-BHC

R.T.: 3.990 min
Delta R.T.: -0.003 min
Response: 72395919
Conc: 9.05 ng/ml



#2 alpha-BHC

R.T.: 3.383 min
Delta R.T.: -0.002 min
Response: 733755995
Conc: 11.61 ng/ml



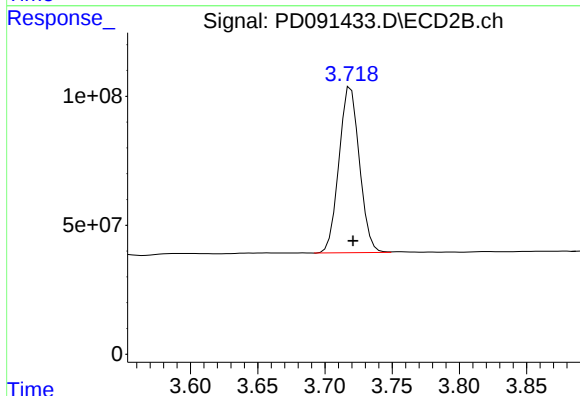
#3 gamma-BHC (Lindane)

R.T.: 4.321 min
Delta R.T.: -0.002 min
Response: 69206987
Conc: 9.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

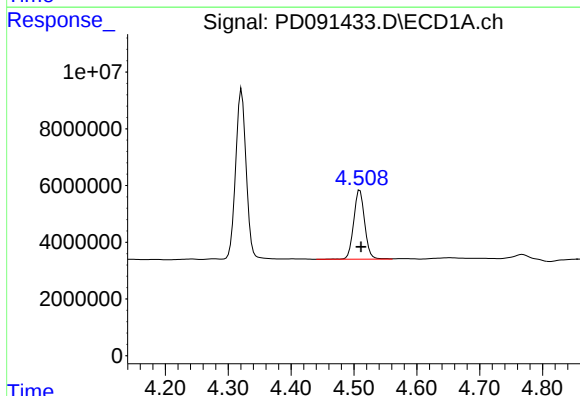
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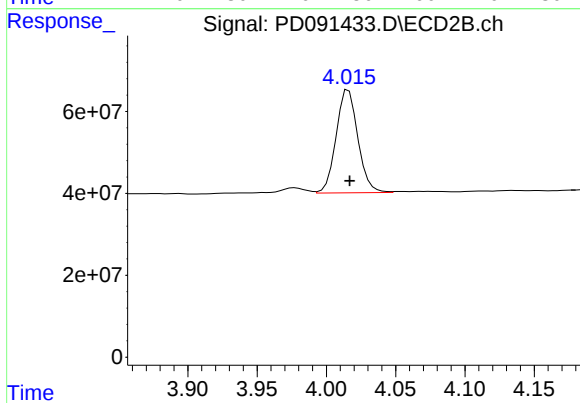
#3 gamma-BHC (Lindane)

R.T.: 3.719 min
Delta R.T.: -0.002 min
Response: 677912635
Conc: 11.72 ng/ml



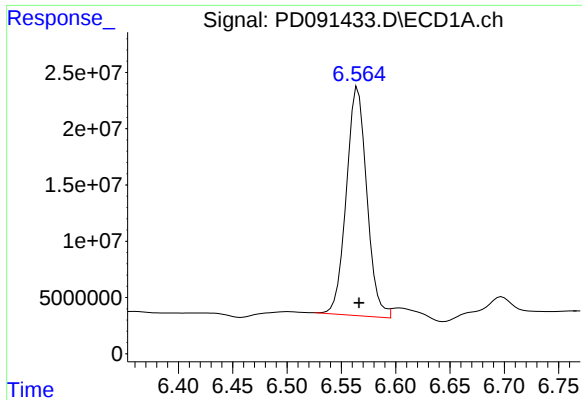
#6 beta-BHC

R.T.: 4.509 min
Delta R.T.: -0.002 min
Response: 29686268
Conc: 10.22 ng/ml



#6 beta-BHC

R.T.: 4.016 min
Delta R.T.: 0.000 min
Response: 274363798
Conc: 11.42 ng/ml



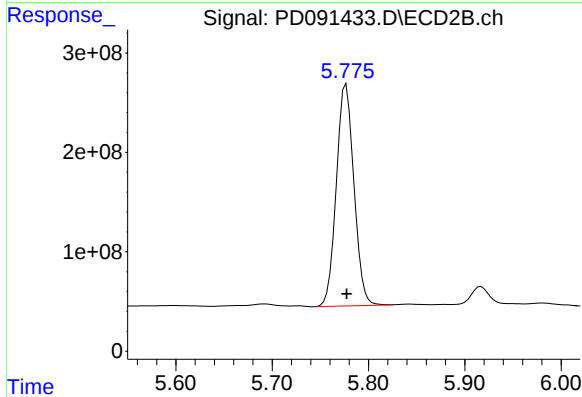
#14 Endrin

R.T.: 6.565 min
Delta R.T.: 0.000 min
Response: 266650184
Conc: 53.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

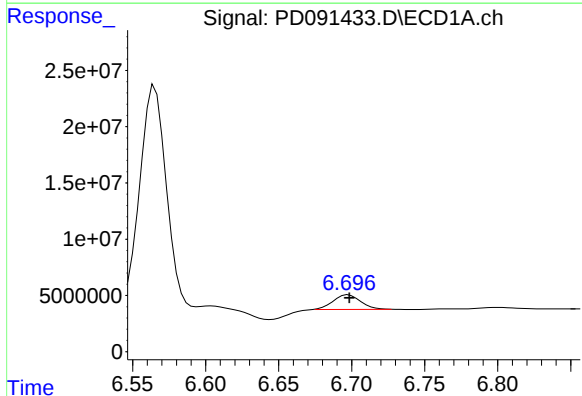
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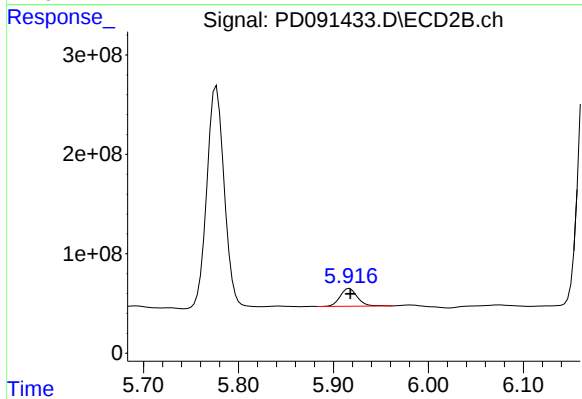
#14 Endrin

R.T.: 5.777 min
Delta R.T.: 0.000 min
Response: 2832335568
Conc: 62.67 ng/ml



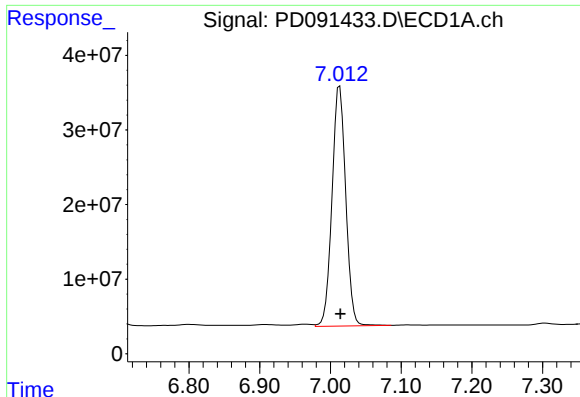
#16 4,4'-DDD

R.T.: 6.696 min
Delta R.T.: -0.002 min
Response: 17014873
Conc: 3.46 ng/ml m



#16 4,4'-DDD

R.T.: 5.917 min
Delta R.T.: 0.000 min
Response: 223533161
Conc: 4.57 ng/ml



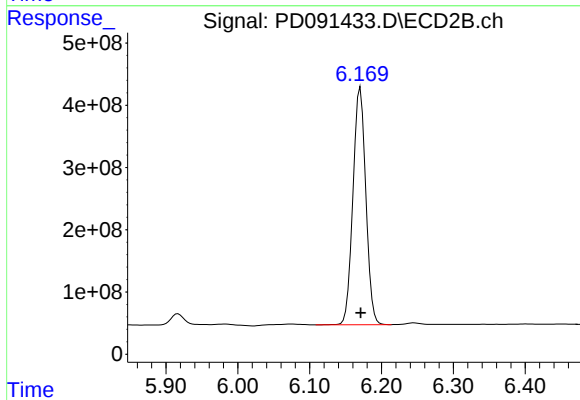
#17 4,4'-DDT

R.T.: 7.013 min
Delta R.T.: -0.001 min
Response: 432878070
Conc: 104.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

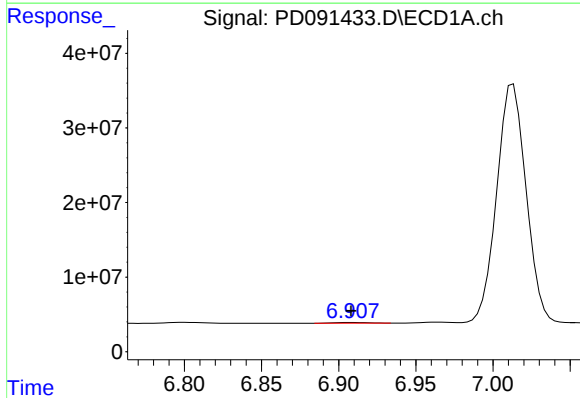
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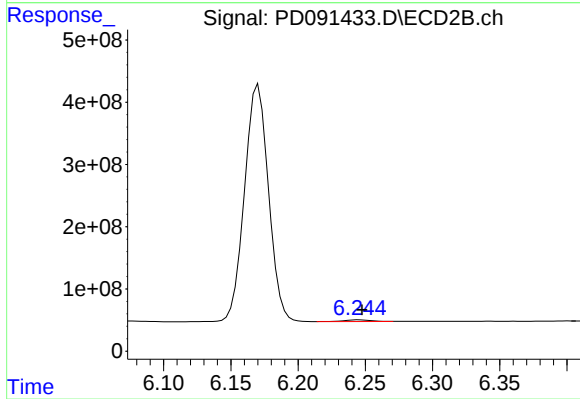
#17 4,4'-DDT

R.T.: 6.171 min
Delta R.T.: 0.000 min
Response: 4734385754
Conc: 120.98 ng/ml



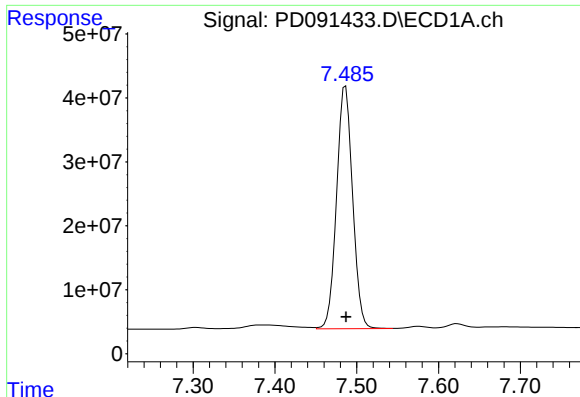
#18 Endrin aldehyde

R.T.: 6.907 min
Delta R.T.: 0.000 min
Response: 1378592
Conc: 0.33 ng/ml m



#18 Endrin aldehyde

R.T.: 6.245 min
Delta R.T.: -0.002 min
Response: 35564204
Conc: 1.01 ng/ml



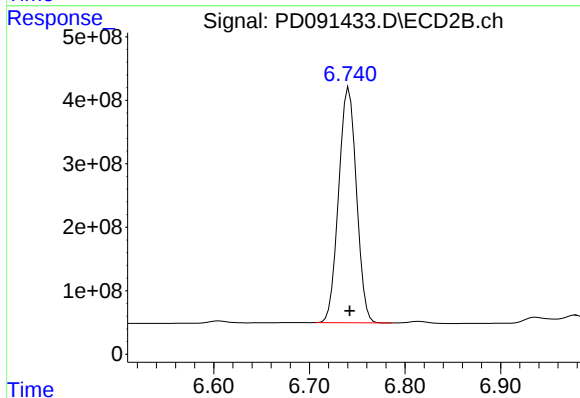
#20 Methoxychlor

R.T.: 7.486 min
Delta R.T.: 0.000 min
Response: 515783141
Conc: 237.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

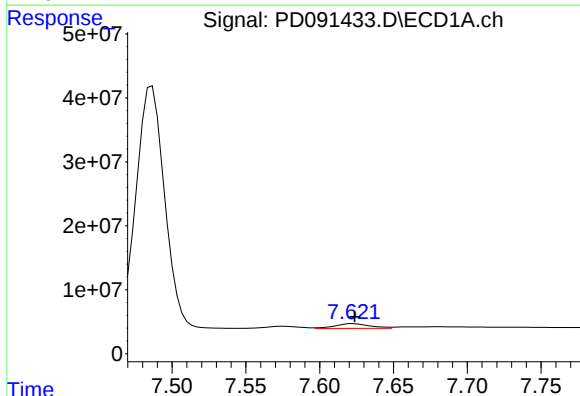
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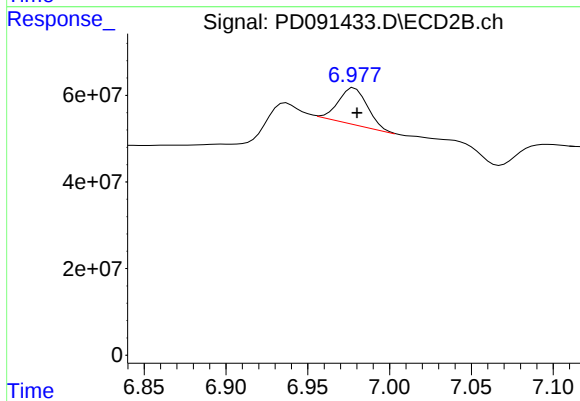
#20 Methoxychlor

R.T.: 6.741 min
Delta R.T.: 0.000 min
Response: 4798968387
Conc: 239.33 ng/ml



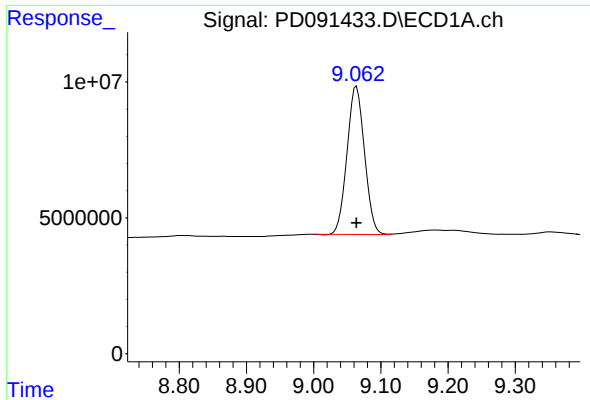
#21 Endrin ketone

R.T.: 7.623 min
Delta R.T.: 0.000 min
Response: 12085136
Conc: 2.15 ng/ml



#21 Endrin ketone

R.T.: 6.977 min
Delta R.T.: -0.003 min
Response: 103977379
Conc: 2.04 ng/ml m



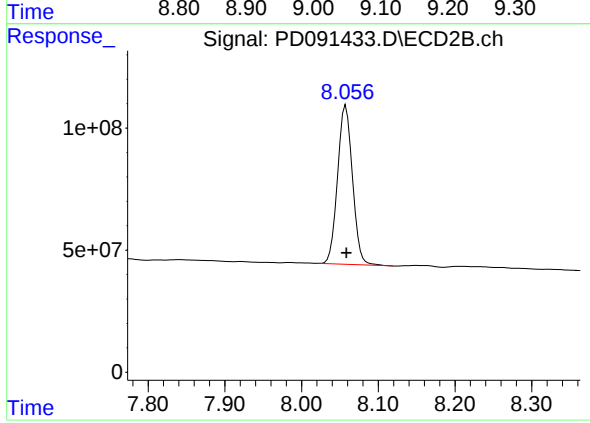
#28 Decachlorobiphenyl

R.T.: 9.064 min
Delta R.T.: 0.000 min
Response: 98475950
Conc: 19.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 8.058 min
Delta R.T.: 0.000 min
Response: 880341220
Conc: 22.24 ng/ml