

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111225\
 Data File : PD091105.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Nov 2025 14:31
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/13/2025
 Supervised By :Sohil Jodhani 11/14/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 12 21:23:25 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 17:43:28 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...	3.544	2.874	66933525	703.2E6	21.493	23.616
28)	SA Decachlor...	9.067	8.060	97379921	743.1E6	20.817	24.533
Target Compounds							
2)	A alpha-BHC	3.993	3.386	65387968	587.5E6	9.111	11.499 #
3)	MA gamma-BHC...	4.324	3.722	62414495	541.8E6	9.180	11.466
6)	B beta-BHC	4.511	4.018	26715377	225.9E6	10.198	11.391
12)	B 4,4'-DDE	6.190	5.368	946678	7278646	0.178m	0.166
14)	MA Endrin	6.568	5.779	231.9E6	2143.5E6	46.822	52.933
16)	A 4,4'-DDD	6.700	5.919	26591918	281.4E6	6.559	7.723
17)	MA 4,4'-DDT	7.016	6.173	378.3E6	3549.9E6	92.034	101.214
18)	B Endrin al...	6.912	6.247	3195452	30443722	0.872	1.099m#
20)	A Methoxychlor	7.489	6.743	473.0E6	3848.5E6	222.534	220.828
21)	B Endrin ke...	7.625	6.981	10830392	100.5E6	2.229	2.664

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

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Acq On : 12 Nov 2025 14:31
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

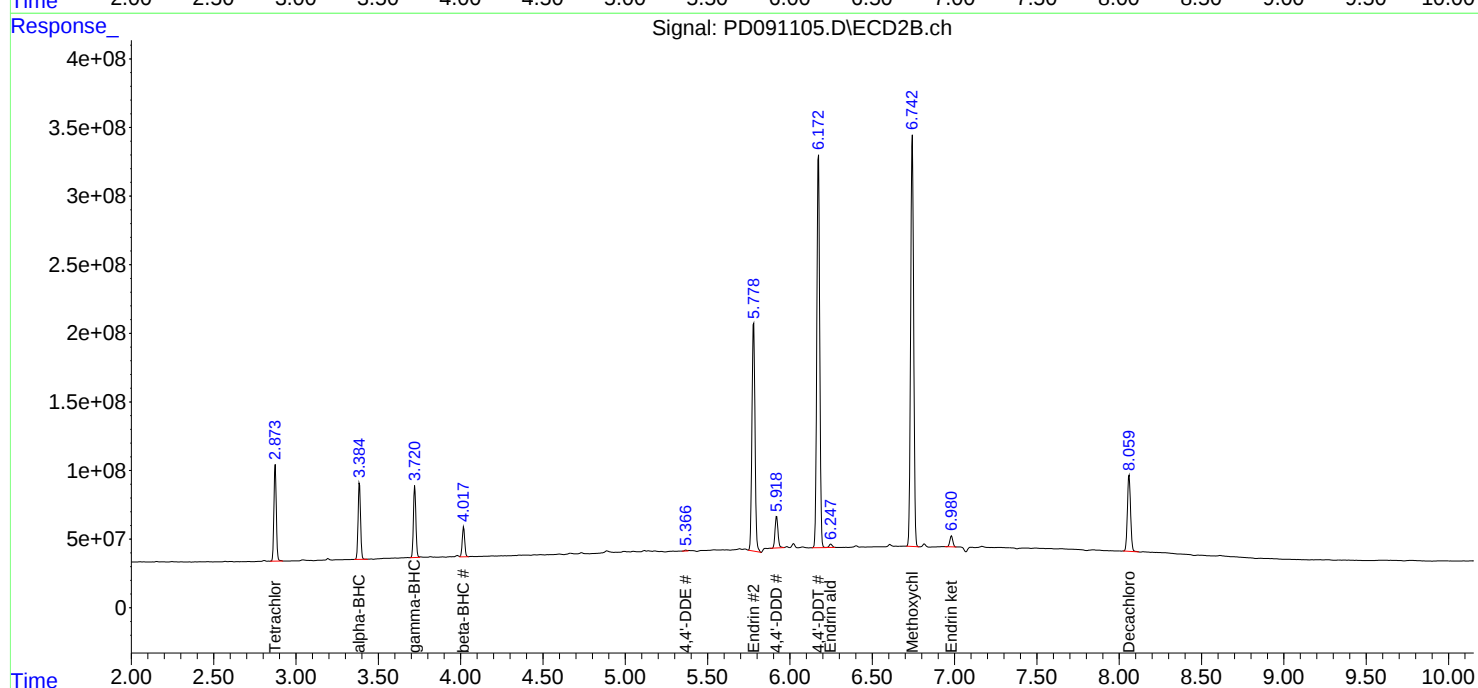
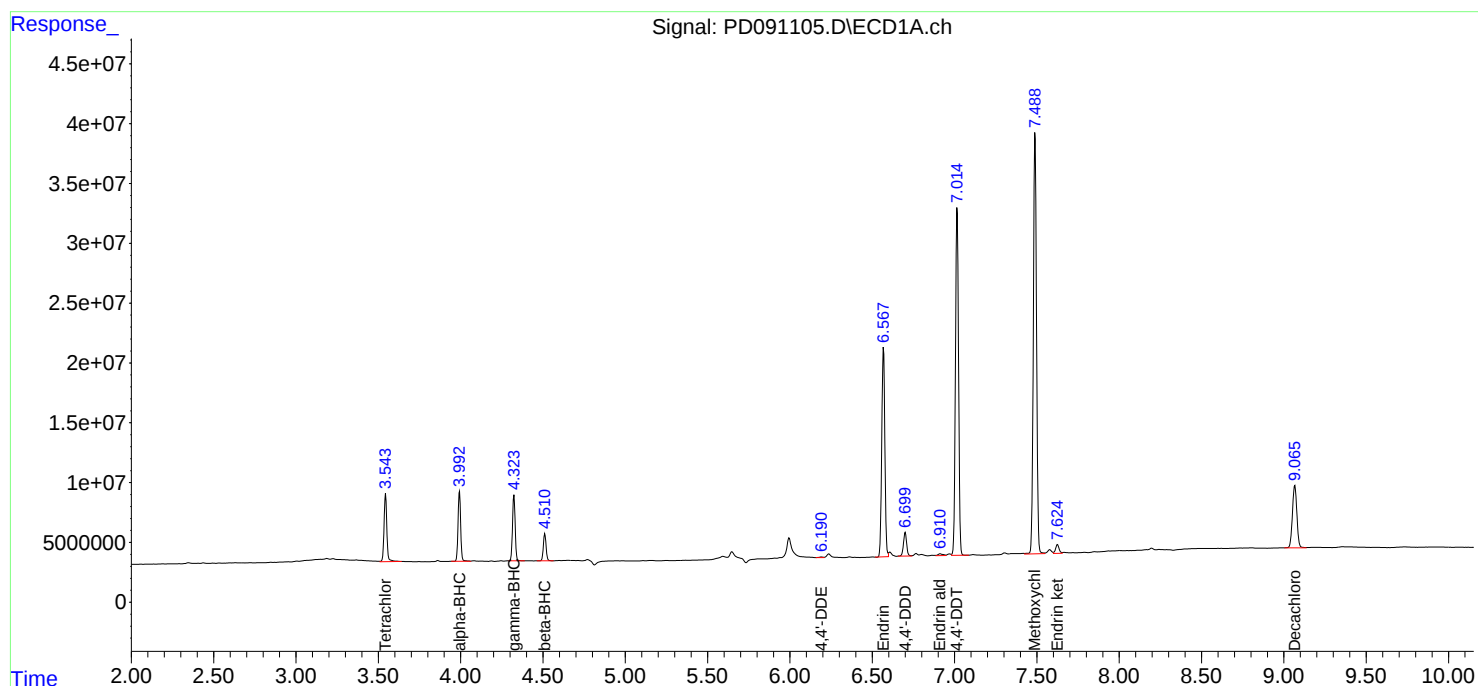
Instrument :
ECD_D
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PEM

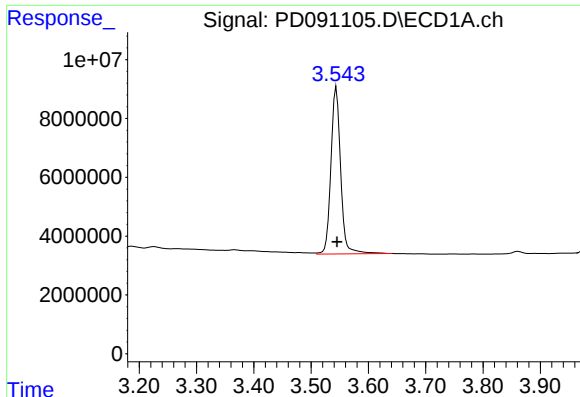
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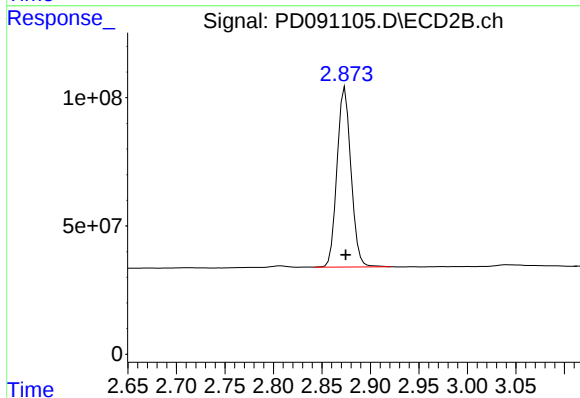
#1 Tetrachloro-m-xylene

R.T.: 3.544 min
Delta R.T.: 0.000 min
Response: 66933525
Conc: 21.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

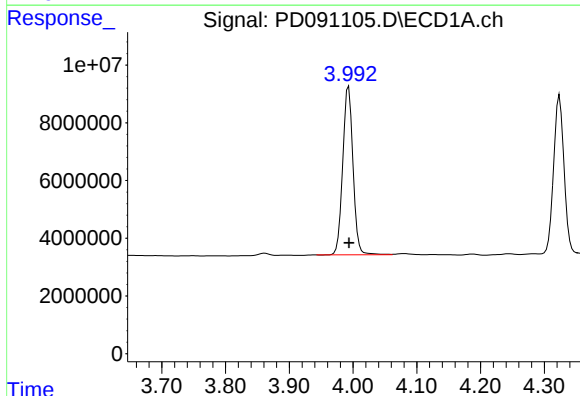
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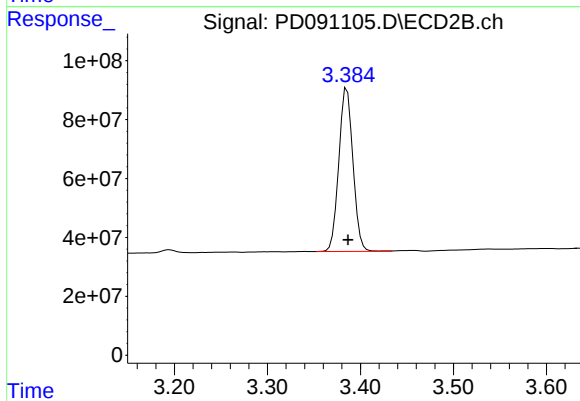
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: 0.000 min
Response: 703204696
Conc: 23.62 ng/ml



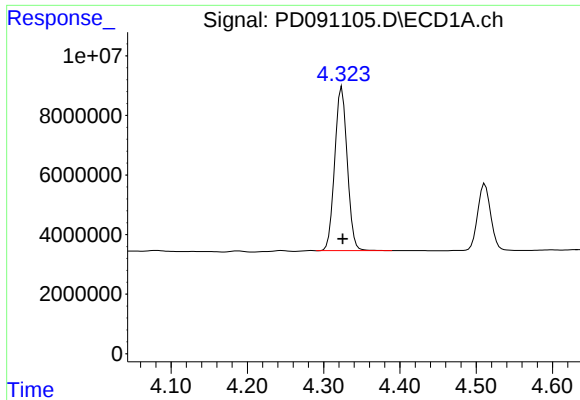
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: 0.000 min
Response: 65387968
Conc: 9.11 ng/ml



#2 alpha-BHC

R.T.: 3.386 min
Delta R.T.: 0.000 min
Response: 587531437
Conc: 11.50 ng/ml



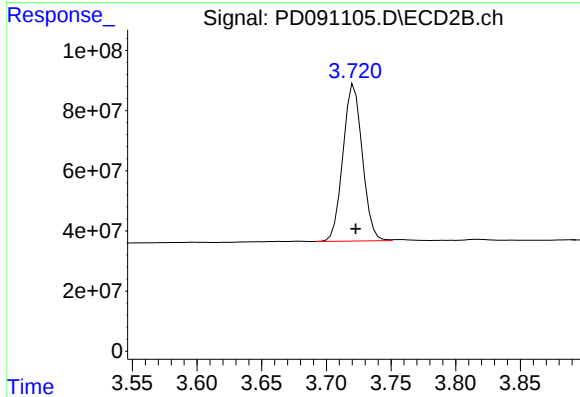
#3 gamma-BHC (Lindane)

R.T.: 4.324 min
Delta R.T.: -0.001 min
Response: 62414495
Conc: 9.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

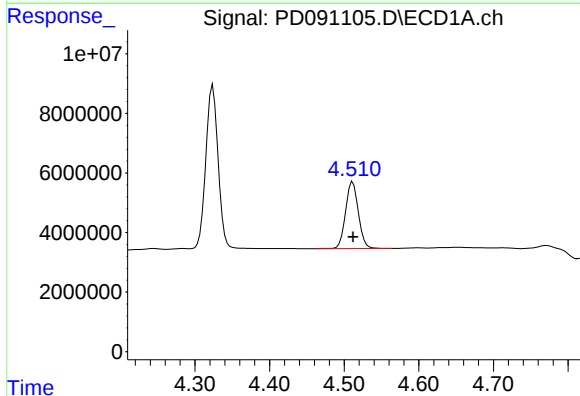
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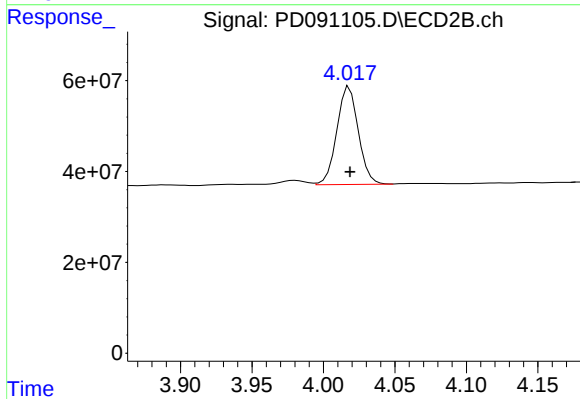
#3 gamma-BHC (Lindane)

R.T.: 3.722 min
Delta R.T.: -0.001 min
Response: 541774129
Conc: 11.47 ng/ml



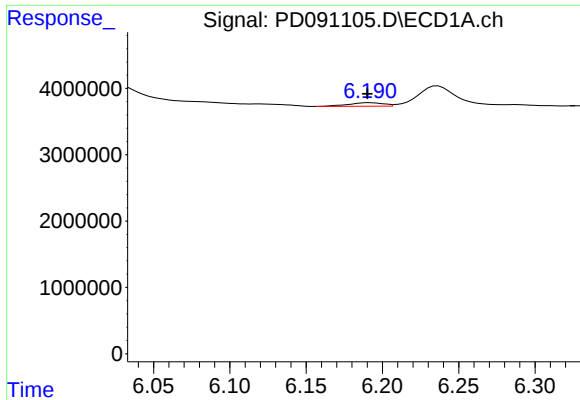
#6 beta-BHC

R.T.: 4.511 min
Delta R.T.: 0.000 min
Response: 26715377
Conc: 10.20 ng/ml



#6 beta-BHC

R.T.: 4.018 min
Delta R.T.: 0.000 min
Response: 225872899
Conc: 11.39 ng/ml



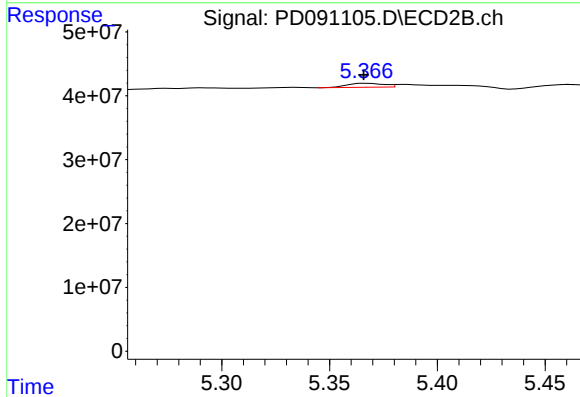
#12 4,4'-DDE

R.T.: 6.190 min
Delta R.T.: 0.000 min
Response: 946678
Conc: 0.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

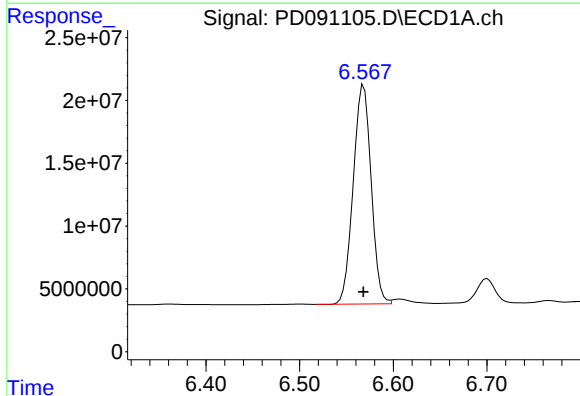
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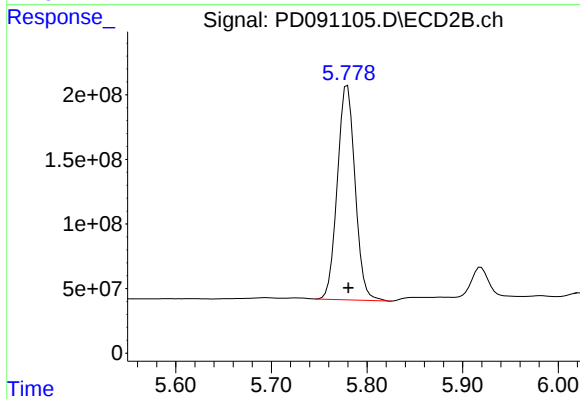
#12 4,4'-DDE

R.T.: 5.368 min
Delta R.T.: 0.002 min
Response: 7278646
Conc: 0.17 ng/ml



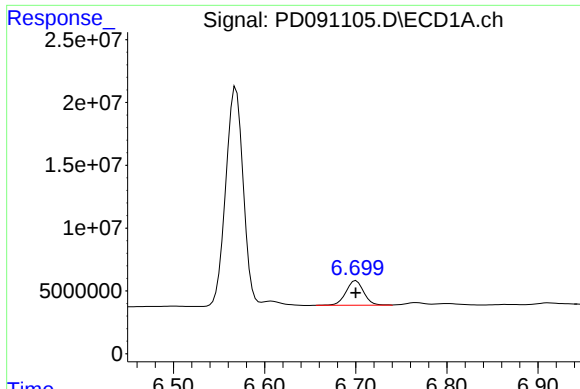
#14 Endrin

R.T.: 6.568 min
Delta R.T.: 0.000 min
Response: 231944736
Conc: 46.82 ng/ml



#14 Endrin

R.T.: 5.779 min
Delta R.T.: -0.001 min
Response: 2143485691
Conc: 52.93 ng/ml



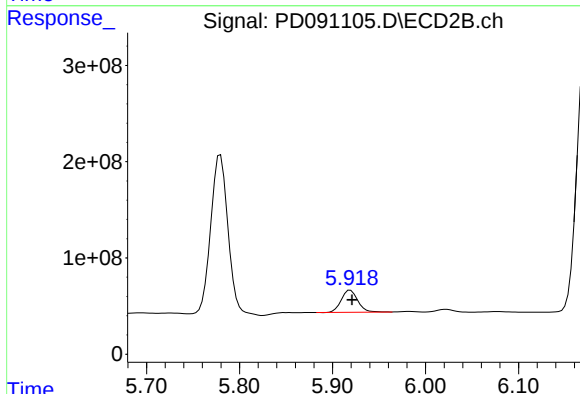
#16 4,4'-DDD

R.T.: 6.700 min
Delta R.T.: 0.000 min
Response: 26591918
Conc: 6.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

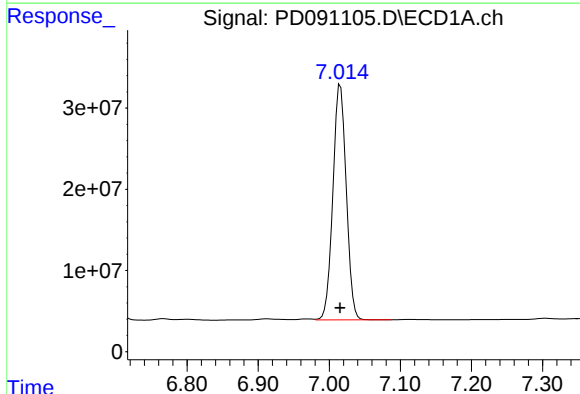
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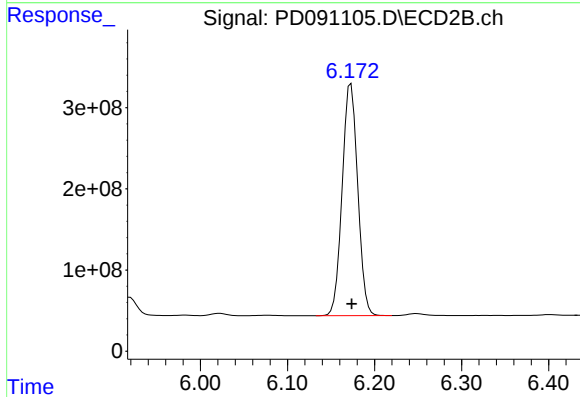
#16 4,4'-DDD

R.T.: 5.919 min
Delta R.T.: -0.002 min
Response: 281404858
Conc: 7.72 ng/ml



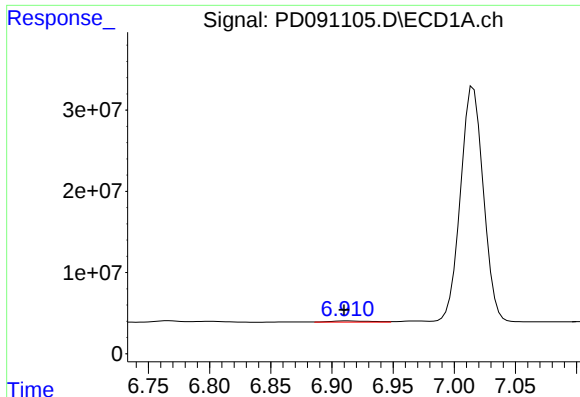
#17 4,4'-DDT

R.T.: 7.016 min
Delta R.T.: 0.000 min
Response: 378301562
Conc: 92.03 ng/ml



#17 4,4'-DDT

R.T.: 6.173 min
Delta R.T.: 0.000 min
Response: 3549885366
Conc: 101.21 ng/ml



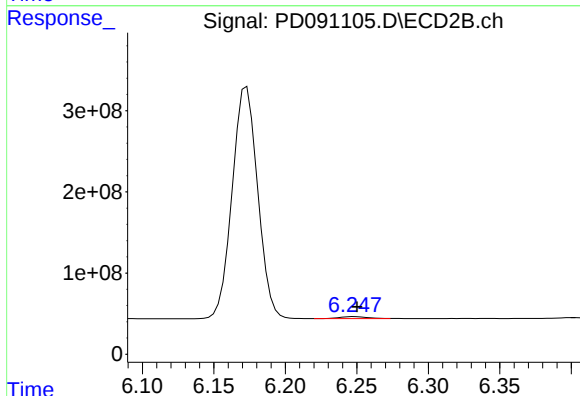
#18 Endrin aldehyde

R.T.: 6.912 min
Delta R.T.: 0.002 min
Response: 3195452
Conc: 0.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

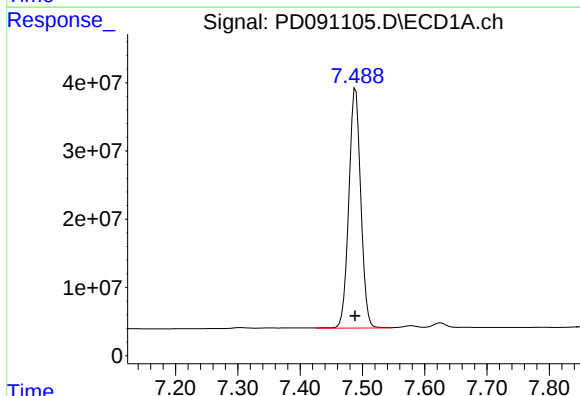
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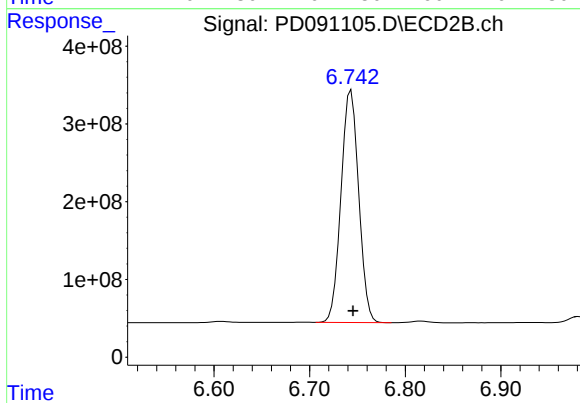
#18 Endrin aldehyde

R.T.: 6.247 min
Delta R.T.: -0.003 min
Response: 30443722
Conc: 1.10 ng/ml m



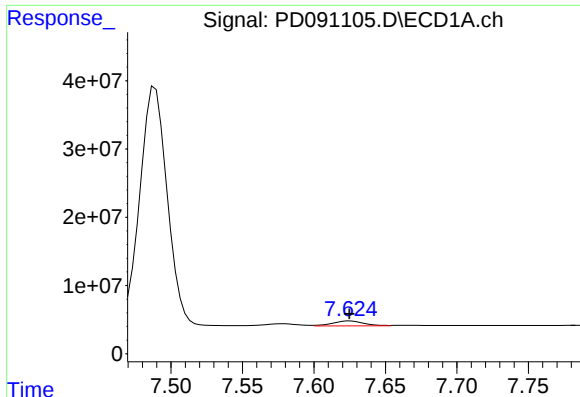
#20 Methoxychlor

R.T.: 7.489 min
Delta R.T.: 0.000 min
Response: 473013960
Conc: 222.53 ng/ml



#20 Methoxychlor

R.T.: 6.743 min
Delta R.T.: -0.002 min
Response: 3848546198
Conc: 220.83 ng/ml



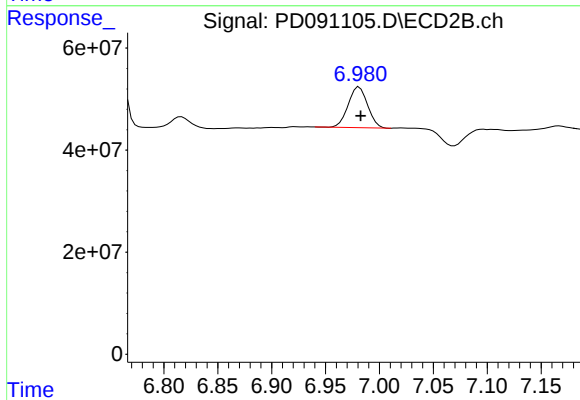
#21 Endrin ketone

R.T.: 7.625 min
Delta R.T.: 0.000 min
Response: 10830392
Conc: 2.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

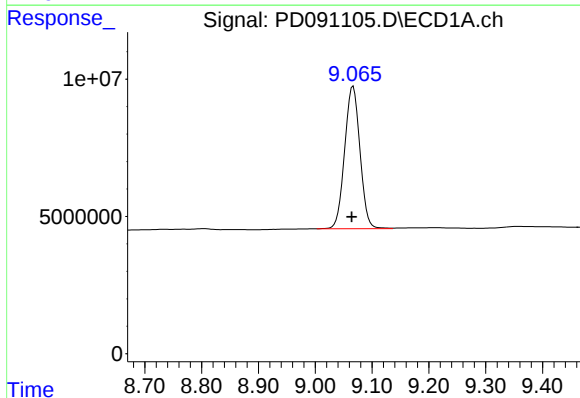
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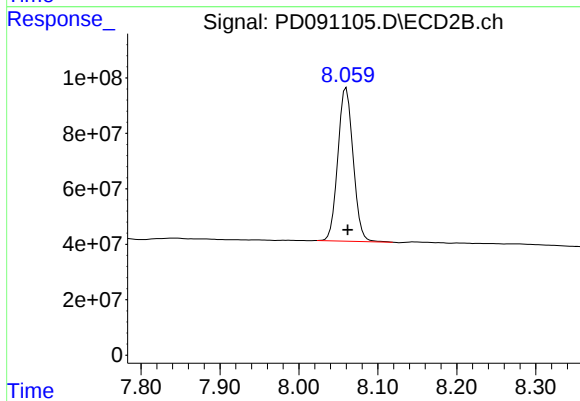
#21 Endrin ketone

R.T.: 6.981 min
Delta R.T.: -0.001 min
Response: 100465394
Conc: 2.66 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.067 min
Delta R.T.: 0.002 min
Response: 97379921
Conc: 20.82 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.060 min
Delta R.T.: -0.002 min
Response: 743130731
Conc: 24.53 ng/ml