

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD092525\
 Data File : PD090386.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Sep 2025 10:54
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/26/2025
 Supervised By : Sohil Jodhani 09/26/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 26 05:44:01 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 19 05:52:38 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...	3.547	2.876	51917369	432.1E6	15.972	15.740
28)	SA Decachlor...	9.067	8.063	81088321	559.7E6	16.806	17.266
Target Compounds							
2)	A alpha-BHC	3.996	3.388	47001256	354.0E6	6.729	8.085
3)	MA gamma-BHC...	4.327	3.724	46503416	332.7E6	7.028	8.167
6)	B beta-BHC	4.513	4.019	19823610	140.8E6	7.684	8.122m
14)	MA Endrin	6.570	5.782	179.7E6	1373.3E6	36.720	38.326
16)	A 4,4'-DDD	6.700	5.923	4674821	28878372	1.141m	0.891
17)	MA 4,4'-DDT	7.017	6.175	320.8E6	2549.1E6	72.060	74.147
18)	B Endrin al...	6.911	6.249	1024542	17346216	0.299m	0.737 #
20)	A Methoxychlor	7.490	6.746	394.8E6	2636.3E6	167.532	151.508
21)	B Endrin ke...	7.627	6.982	3931081	22204883	0.795	0.615

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

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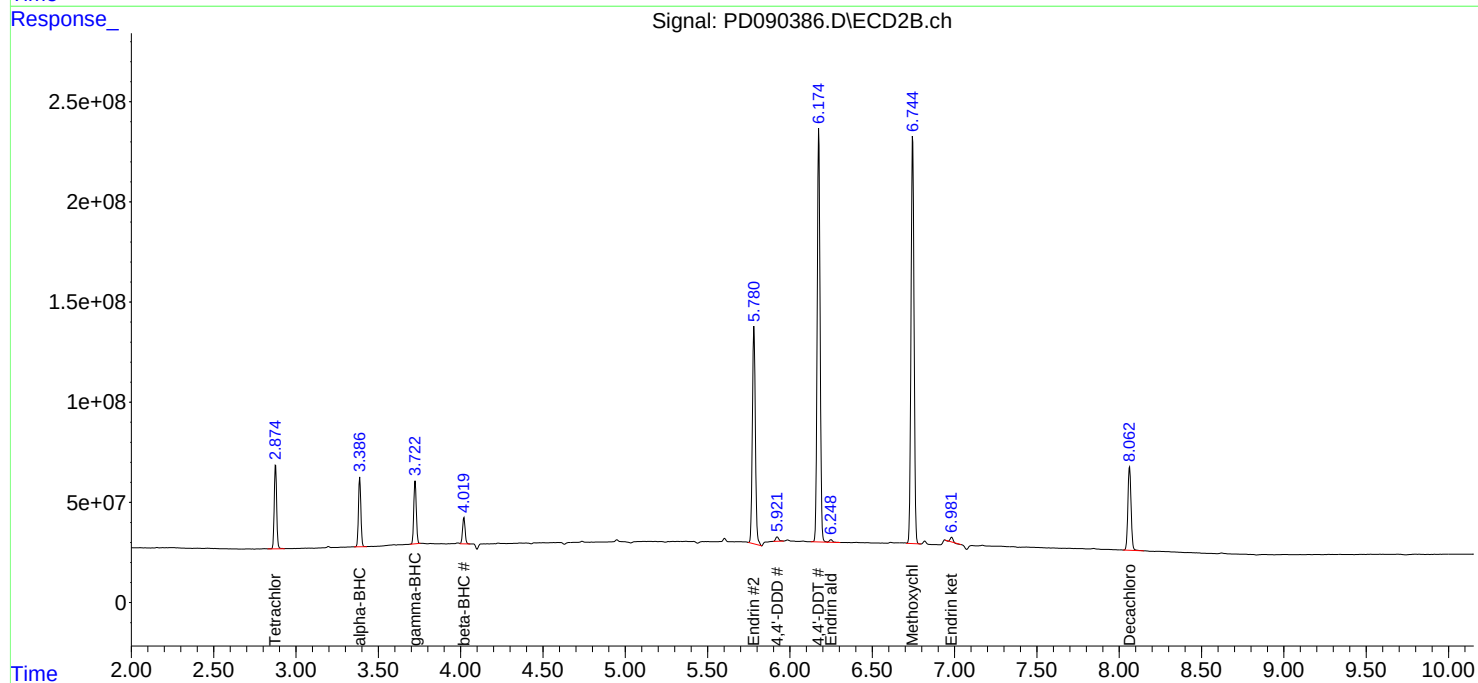
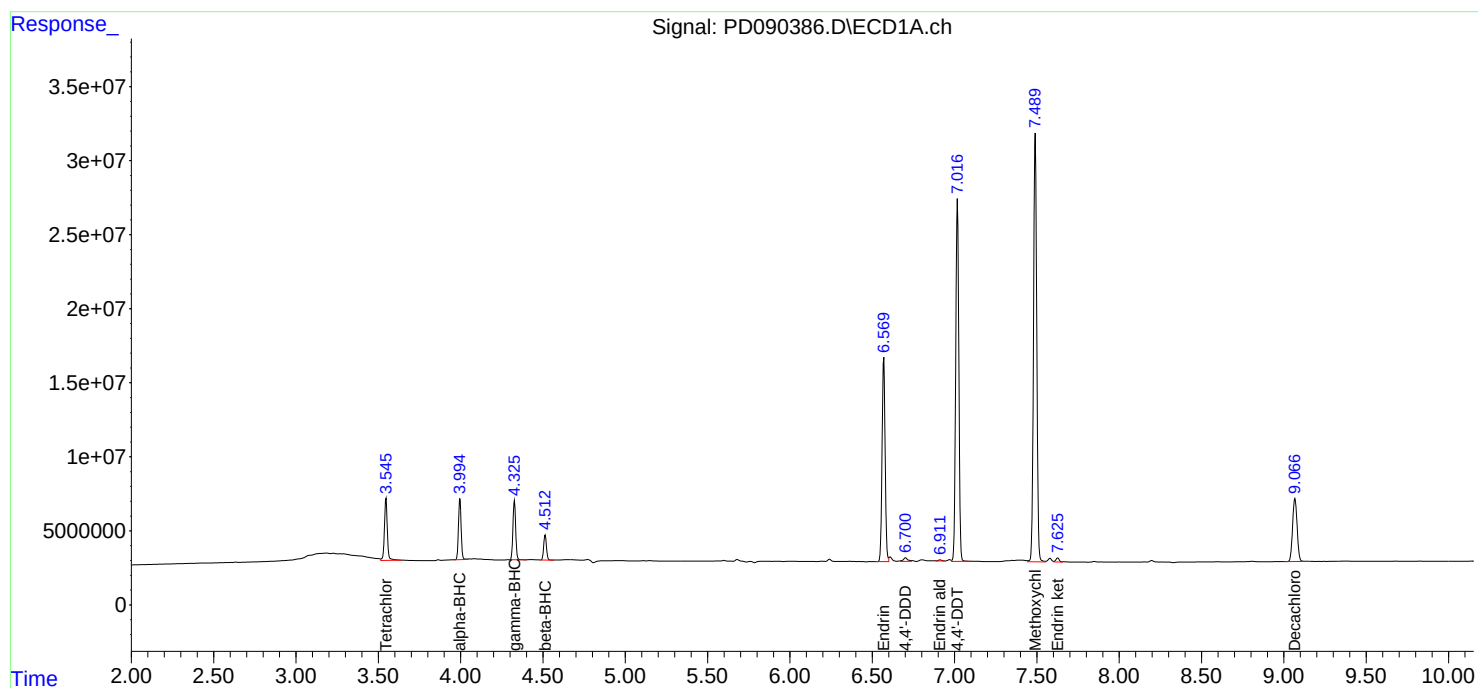
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PEM

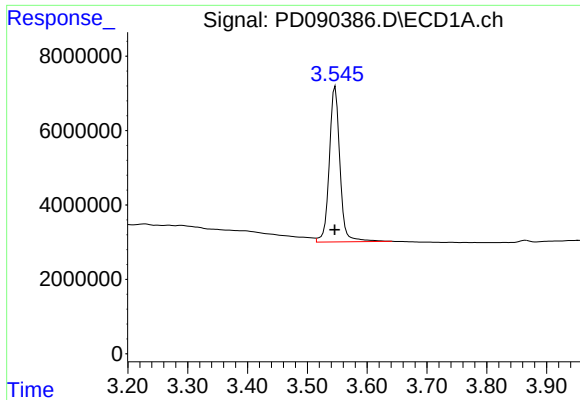
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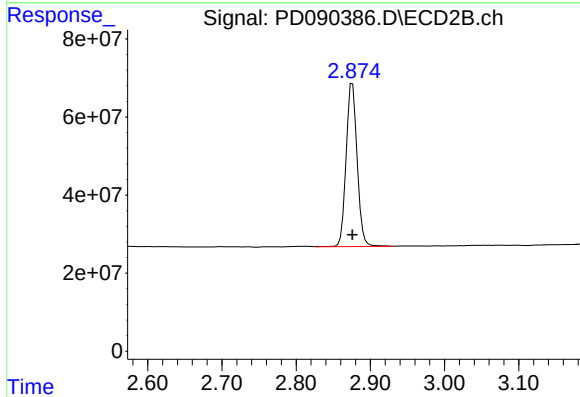
#1 Tetrachloro-m-xylene

R.T.: 3.547 min
Delta R.T.: 0.000 min
Response: 51917369
Conc: 15.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

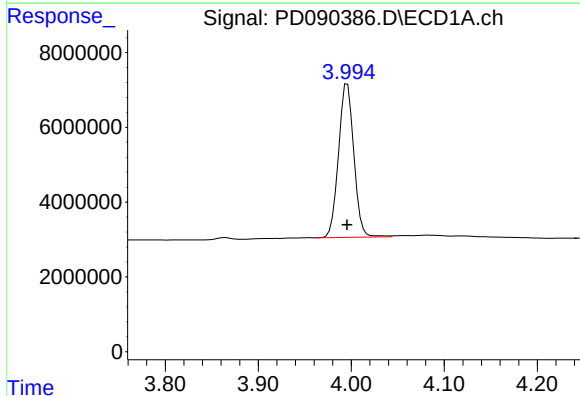
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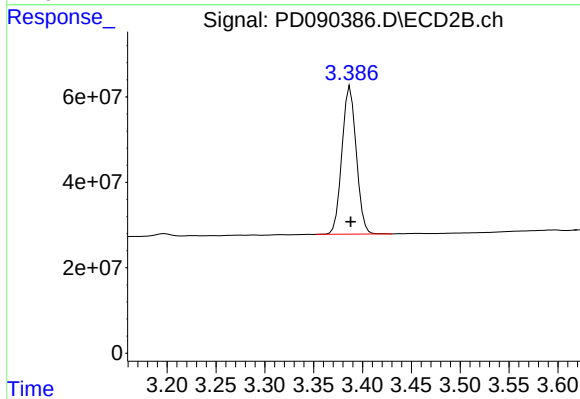
#1 Tetrachloro-m-xylene

R.T.: 2.876 min
Delta R.T.: 0.000 min
Response: 432056221
Conc: 15.74 ng/ml



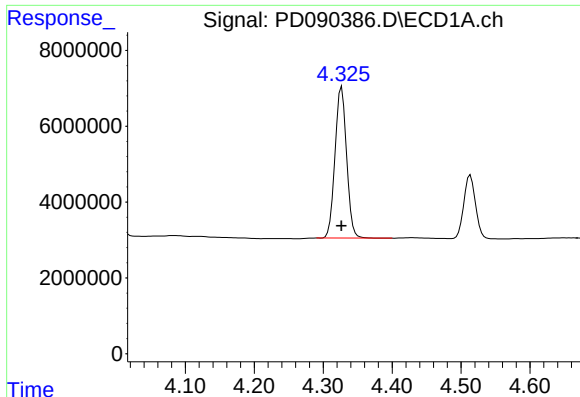
#2 alpha-BHC

R.T.: 3.996 min
Delta R.T.: 0.000 min
Response: 47001256
Conc: 6.73 ng/ml



#2 alpha-BHC

R.T.: 3.388 min
Delta R.T.: 0.000 min
Response: 353997558
Conc: 8.09 ng/ml



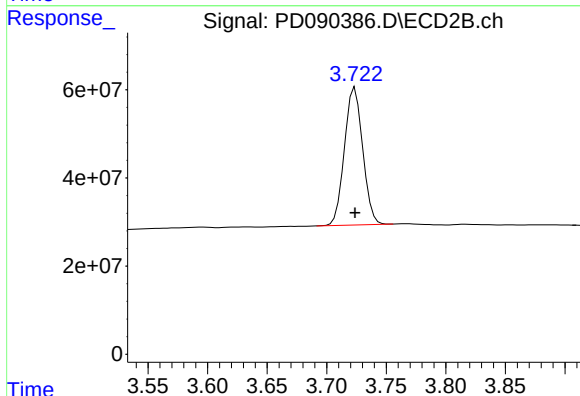
#3 gamma-BHC (Lindane)

R.T.: 4.327 min
Delta R.T.: 0.000 min
Response: 46503416
Conc: 7.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

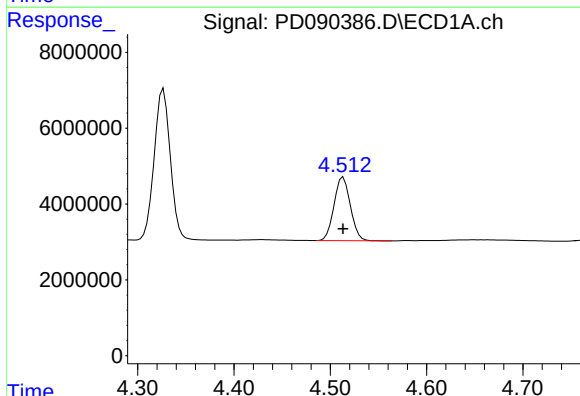
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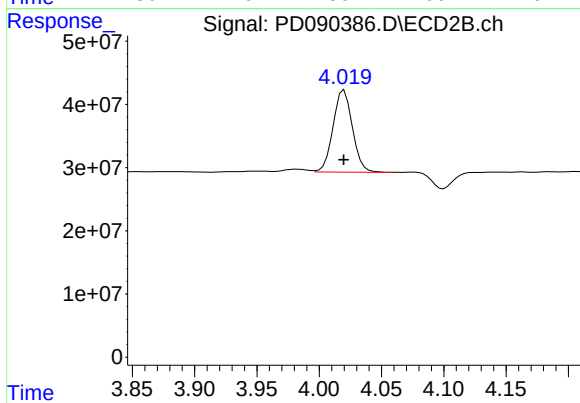
#3 gamma-BHC (Lindane)

R.T.: 3.724 min
Delta R.T.: 0.000 min
Response: 332690312
Conc: 8.17 ng/ml



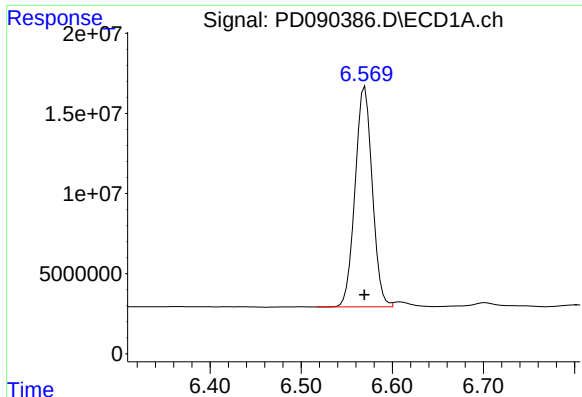
#6 beta-BHC

R.T.: 4.513 min
Delta R.T.: 0.000 min
Response: 19823610
Conc: 7.68 ng/ml



#6 beta-BHC

R.T.: 4.019 min
Delta R.T.: -0.001 min
Response: 140801820
Conc: 8.12 ng/ml m



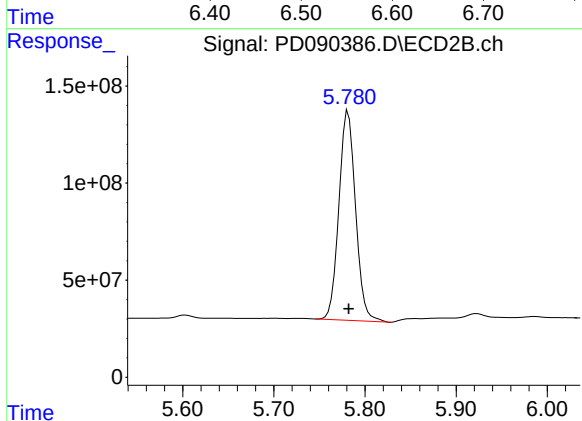
#14 Endrin

R.T.: 6.570 min
Delta R.T.: 0.000 min
Response: 179707258
Conc: 36.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

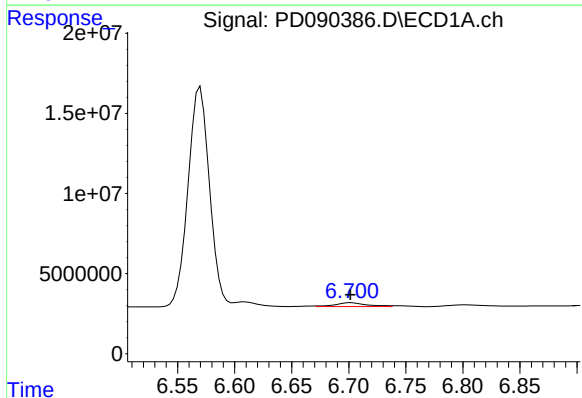
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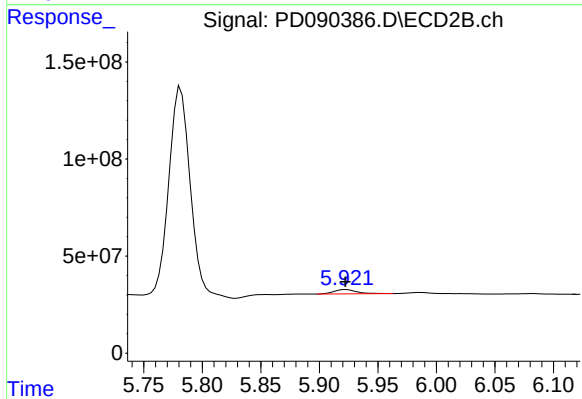
#14 Endrin

R.T.: 5.782 min
Delta R.T.: 0.000 min
Response: 1373314360
Conc: 38.33 ng/ml



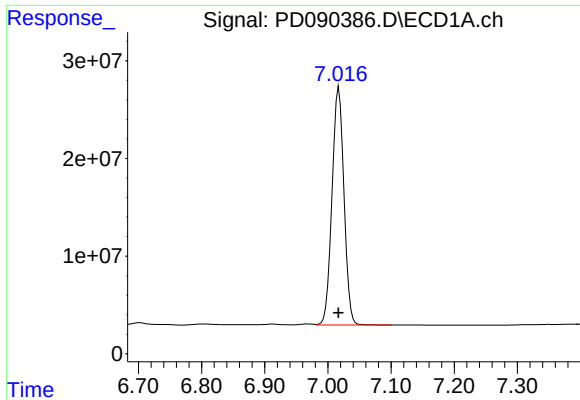
#16 4,4'-DDD

R.T.: 6.700 min
Delta R.T.: 0.000 min
Response: 4674821
Conc: 1.14 ng/ml m



#16 4,4'-DDD

R.T.: 5.923 min
Delta R.T.: 0.000 min
Response: 28878372
Conc: 0.89 ng/ml



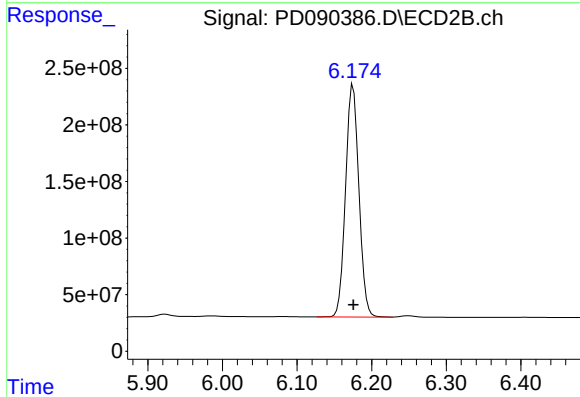
#17 4,4'-DDT

R.T.: 7.017 min
Delta R.T.: 0.000 min
Response: 320845738
Conc: 72.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

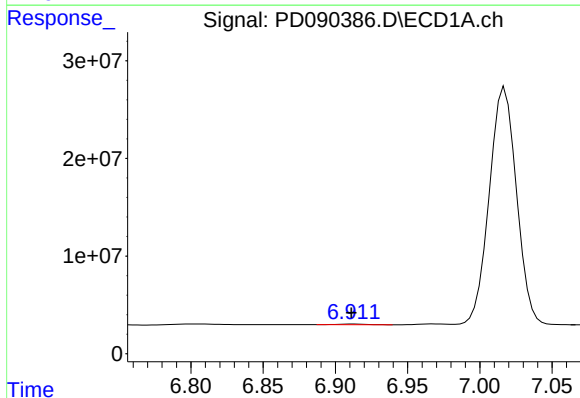
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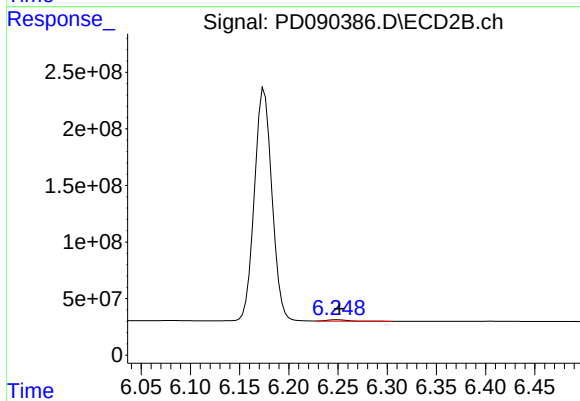
#17 4,4'-DDT

R.T.: 6.175 min
Delta R.T.: 0.000 min
Response: 2549091197
Conc: 74.15 ng/ml



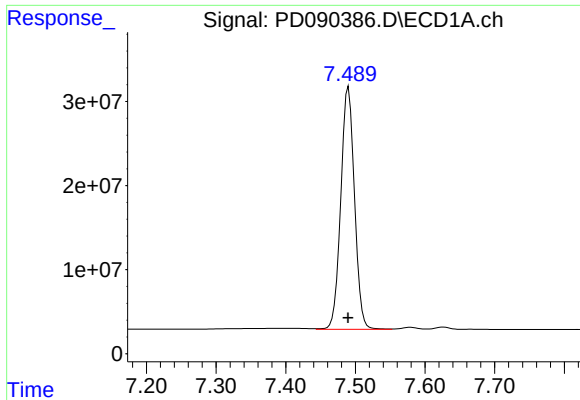
#18 Endrin aldehyde

R.T.: 6.911 min
Delta R.T.: 0.000 min
Response: 1024542
Conc: 0.30 ng/ml m



#18 Endrin aldehyde

R.T.: 6.249 min
Delta R.T.: -0.002 min
Response: 17346216
Conc: 0.74 ng/ml



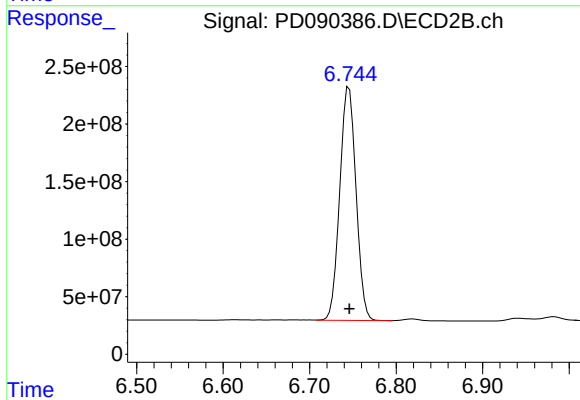
#20 Methoxychlor

R.T.: 7.490 min
Delta R.T.: 0.000 min
Response: 394791162
Conc: 167.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

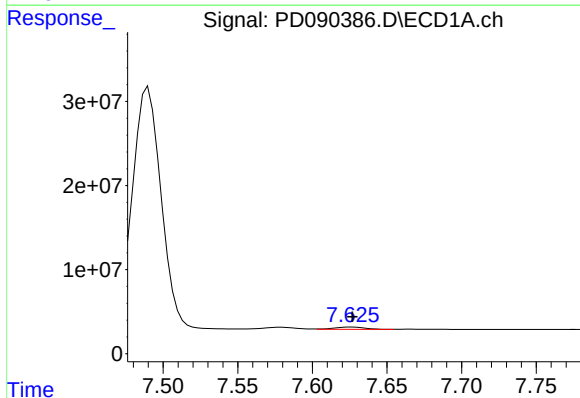
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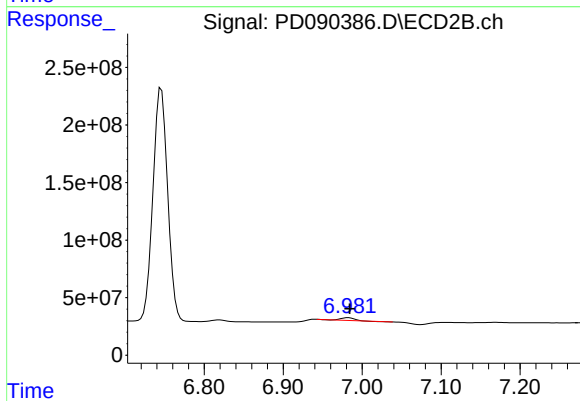
#20 Methoxychlor

R.T.: 6.746 min
Delta R.T.: 0.000 min
Response: 2636291934
Conc: 151.51 ng/ml



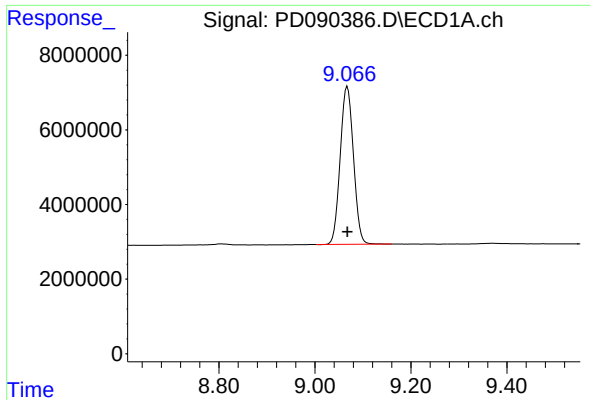
#21 Endrin ketone

R.T.: 7.627 min
Delta R.T.: 0.000 min
Response: 3931081
Conc: 0.79 ng/ml



#21 Endrin ketone

R.T.: 6.982 min
Delta R.T.: -0.002 min
Response: 22204883
Conc: 0.62 ng/ml



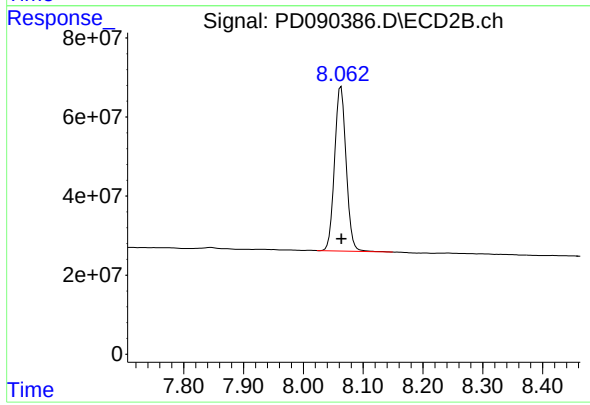
#28 Decachlorobiphenyl

R.T.: 9.067 min
Delta R.T.: 0.000 min
Response: 81088321
Conc: 16.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 8.063 min
Delta R.T.: 0.000 min
Response: 559683868
Conc: 17.27 ng/ml