

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080425\
 Data File : PD089721.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Aug 2025 09:42
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/05/2025
 Supervised By :mohammad ahmed 08/07/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 05 06:33:01 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 01 07:03:58 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	2.877	54865995	391.5E6	22.244	24.716
28)	SA Decachlor...	9.068	8.065	88177298	502.2E6	23.727	25.014
Target Compounds							
2)	A alpha-BHC	3.997	3.389	52809074	323.9E6	10.661	13.326 #
3)	MA gamma-BHC...	4.327	3.726	52171382	299.4E6	10.978	13.292
6)	B beta-BHC	4.513	4.021	21847117	130.5E6	11.843	13.526
12)	B 4,4'-DDE	6.193	5.371	705111	2389357	0.189m	0.113m#
14)	MA Endrin	6.571	5.784	203.1E6	1140.3E6	56.770	57.227
16)	A 4,4'-DDD	6.702	5.924	3787387	30519310	1.265	1.731 #
17)	MA 4,4'-DDT	7.018	6.178	377.4E6	2146.5E6	112.299	116.833
18)	B Endrin al...	6.913	6.252	1128216	14811035	0.452	1.146 #
20)	A Methoxychlor	7.490	6.748	470.1E6	2229.0E6	262.946	227.550
21)	B Endrin ke...	7.627	6.984	3390651	37457571	0.913	1.867 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080425\
Data File : PD089721.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Aug 2025 09:42
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

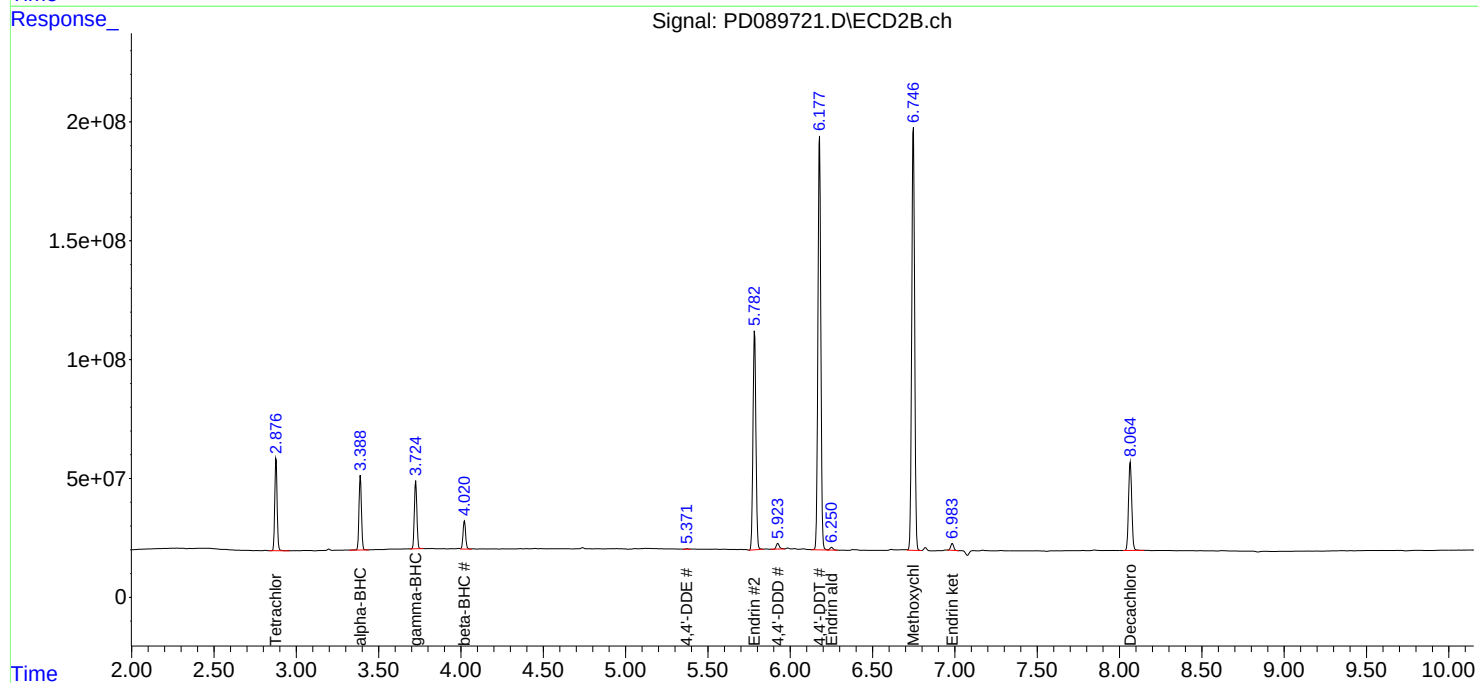
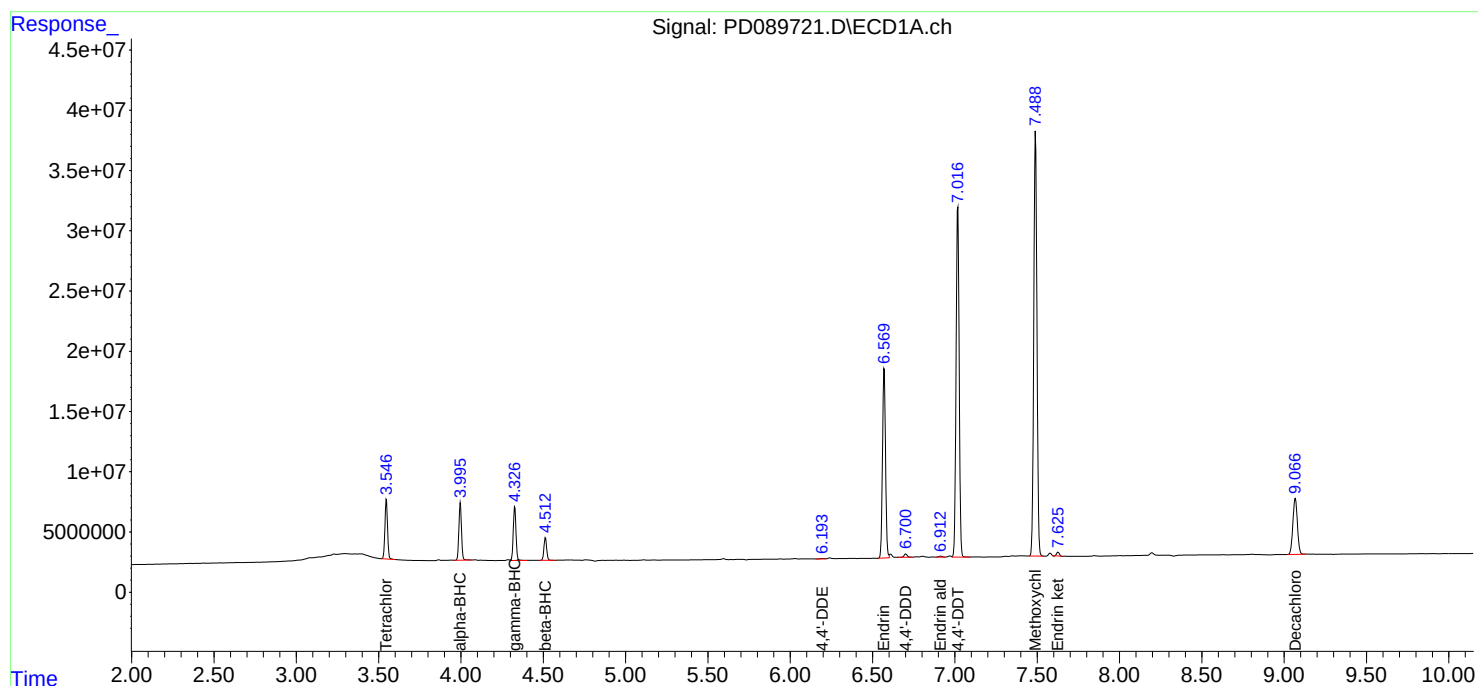
Instrument :
ECD_D
ClientSampleId :
PEM

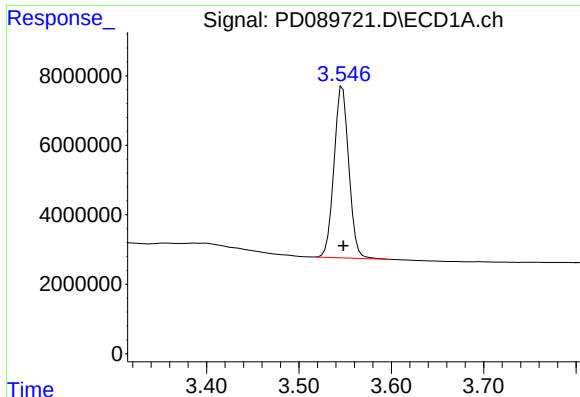
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 05 06:33:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 07:03:58 2025
Response 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





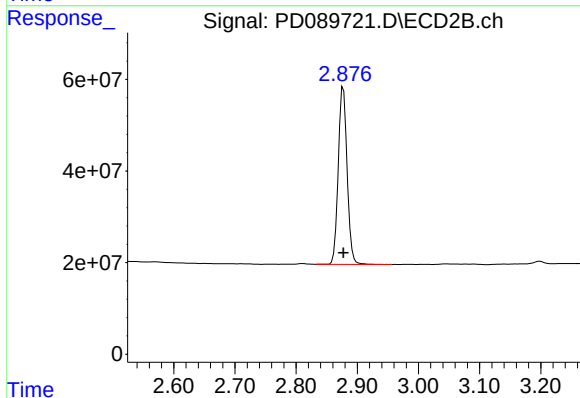
#1 Tetrachloro-m-xylene

R.T.: 3.547 min
Delta R.T.: 0.000 min
Response: 54865995
Conc: 22.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

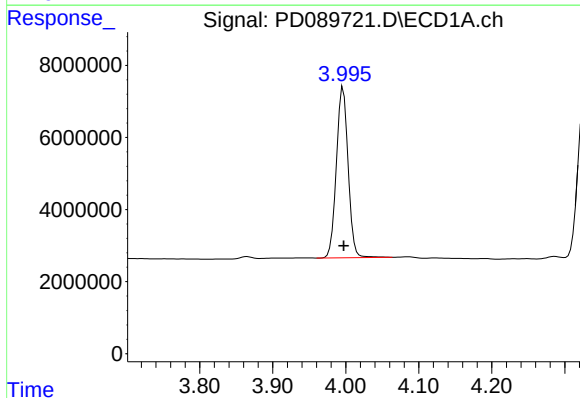
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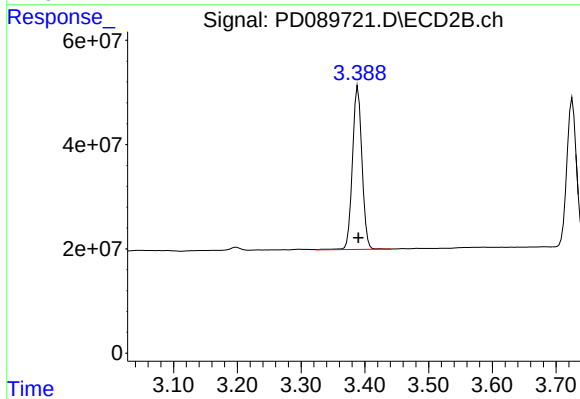
#1 Tetrachloro-m-xylene

R.T.: 2.877 min
Delta R.T.: 0.000 min
Response: 391453356
Conc: 24.72 ng/ml



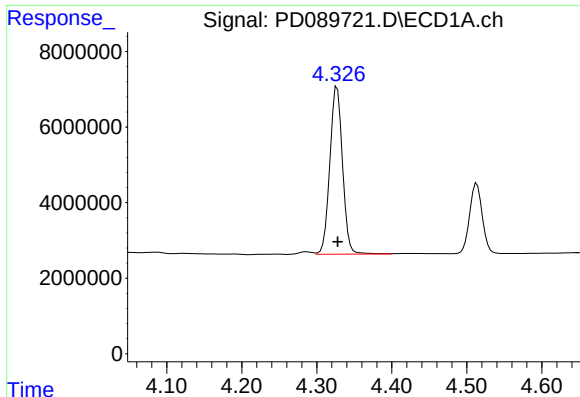
#2 alpha-BHC

R.T.: 3.997 min
Delta R.T.: 0.000 min
Response: 52809074
Conc: 10.66 ng/ml



#2 alpha-BHC

R.T.: 3.389 min
Delta R.T.: 0.000 min
Response: 323892312
Conc: 13.33 ng/ml



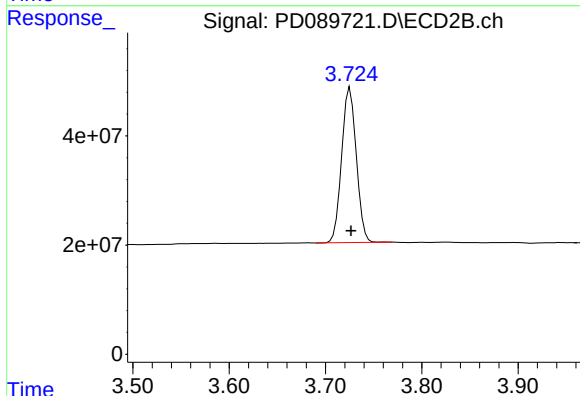
#3 gamma-BHC (Lindane)

R.T.: 4.327 min
Delta R.T.: -0.001 min
Response: 52171382
Conc: 10.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

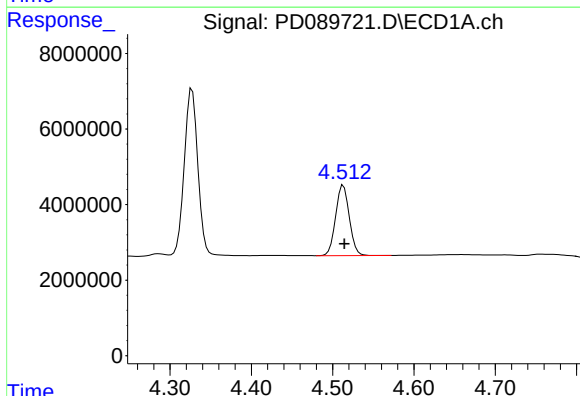
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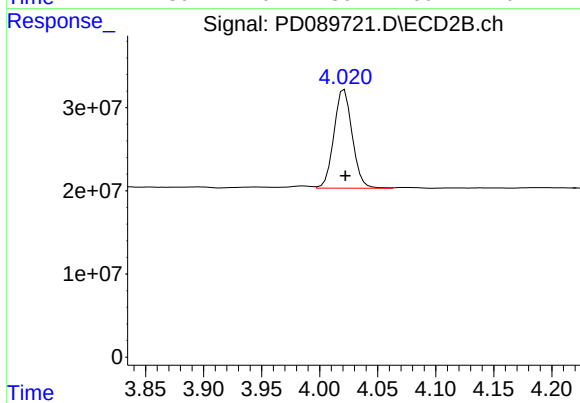
#3 gamma-BHC (Lindane)

R.T.: 3.726 min
Delta R.T.: 0.000 min
Response: 299389958
Conc: 13.29 ng/ml



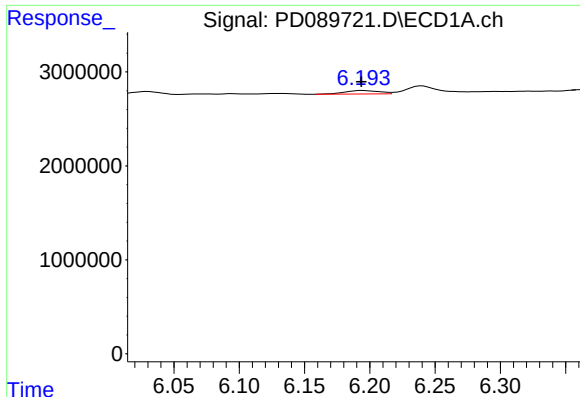
#6 beta-BHC

R.T.: 4.513 min
Delta R.T.: 0.000 min
Response: 21847117
Conc: 11.84 ng/ml



#6 beta-BHC

R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 130511522
Conc: 13.53 ng/ml



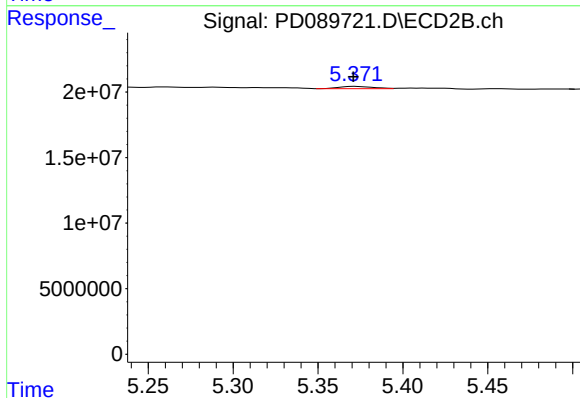
#12 4,4'-DDE

R.T.: 6.193 min
Delta R.T.: 0.000 min
Response: 705111
Conc: 0.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
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#12 4,4'-DDE

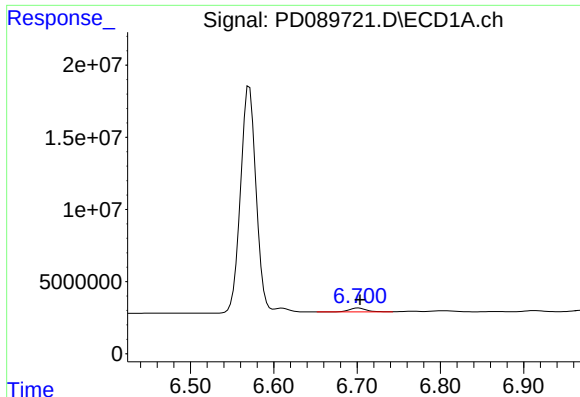
R.T.: 5.371 min
Delta R.T.: 0.000 min
Response: 2389357
Conc: 0.11 ng/ml m

#14 Endrin

R.T.: 6.571 min
Delta R.T.: -0.001 min
Response: 203107920
Conc: 56.77 ng/ml

#14 Endrin

R.T.: 5.784 min
Delta R.T.: -0.002 min
Response: 1140250796
Conc: 57.23 ng/ml



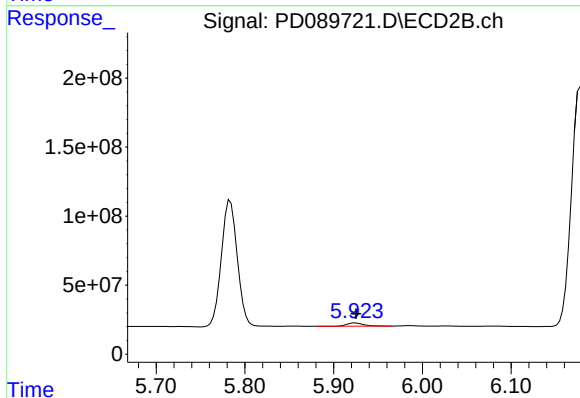
#16 4,4'-DDD

R.T.: 6.702 min
Delta R.T.: -0.002 min
Response: 3787387
Conc: 1.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

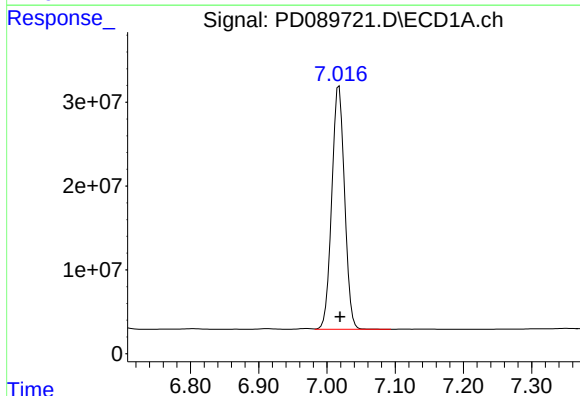
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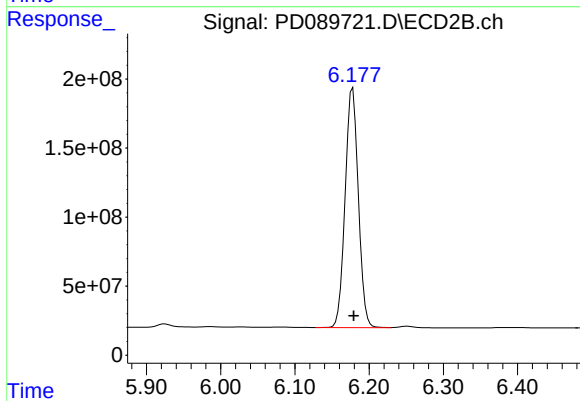
#16 4,4'-DDD

R.T.: 5.924 min
Delta R.T.: 0.000 min
Response: 30519310
Conc: 1.73 ng/ml



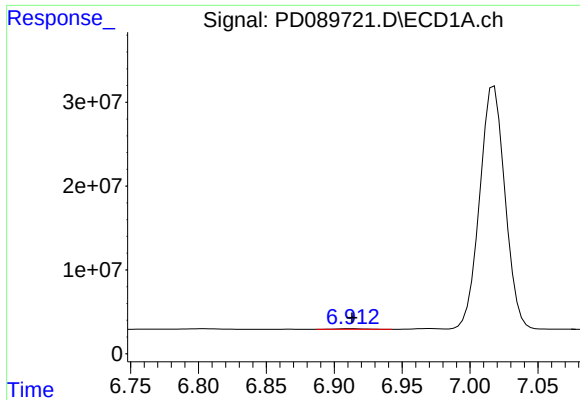
#17 4,4'-DDT

R.T.: 7.018 min
Delta R.T.: -0.002 min
Response: 377353403
Conc: 112.30 ng/ml



#17 4,4'-DDT

R.T.: 6.178 min
Delta R.T.: -0.001 min
Response: 2146539695
Conc: 116.83 ng/ml



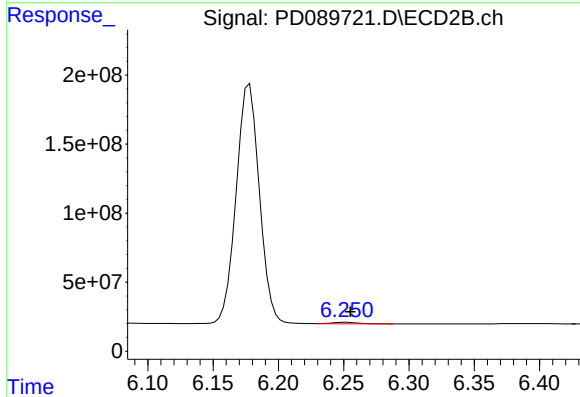
#18 Endrin aldehyde

R.T.: 6.913 min
Delta R.T.: 0.000 min
Response: 1128216
Conc: 0.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

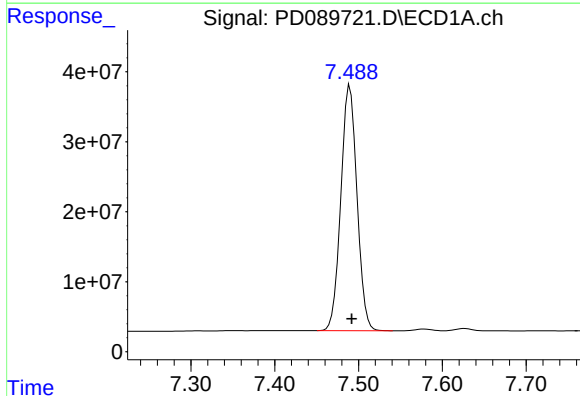
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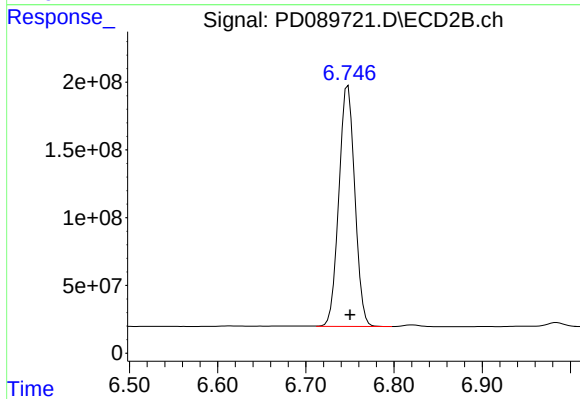
#18 Endrin aldehyde

R.T.: 6.252 min
Delta R.T.: -0.004 min
Response: 14811035
Conc: 1.15 ng/ml



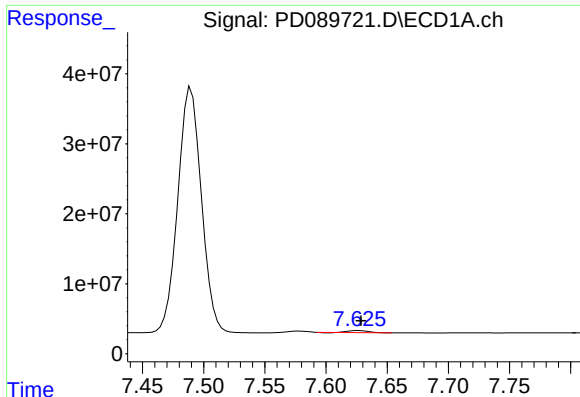
#20 Methoxychlor

R.T.: 7.490 min
Delta R.T.: -0.002 min
Response: 470141314
Conc: 262.95 ng/ml



#20 Methoxychlor

R.T.: 6.748 min
Delta R.T.: -0.002 min
Response: 2228967410
Conc: 227.55 ng/ml



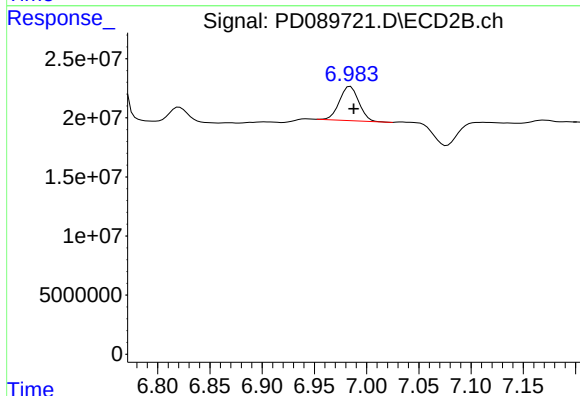
#21 Endrin ketone

R.T.: 7.627 min
Delta R.T.: -0.002 min
Response: 3390651
Conc: 0.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

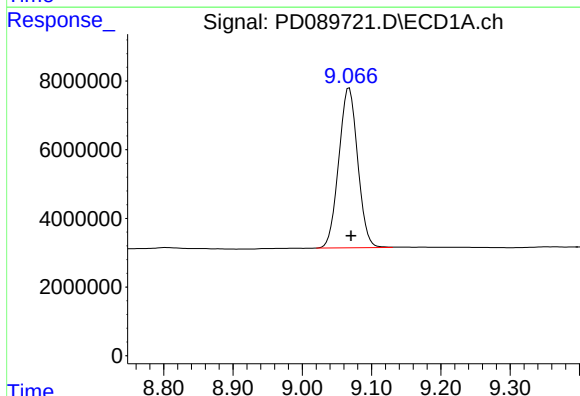
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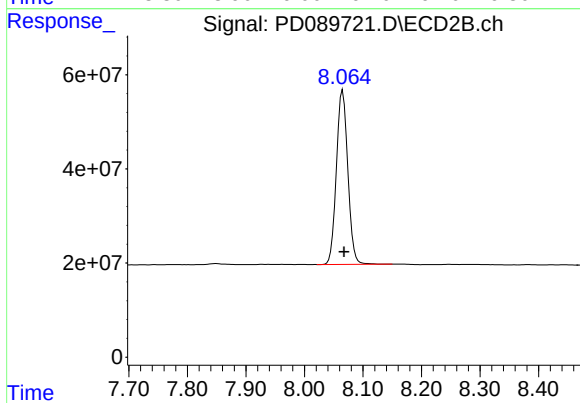
#21 Endrin ketone

R.T.: 6.984 min
Delta R.T.: -0.003 min
Response: 37457571
Conc: 1.87 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.068 min
Delta R.T.: -0.003 min
Response: 88177298
Conc: 23.73 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.065 min
Delta R.T.: -0.002 min
Response: 502234657
Conc: 25.01 ng/ml