

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120424\
 Data File : PD087013.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Dec 2024 09:43
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/05/2024
 Supervised By :Ankita Jodhani 12/05/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 05 00:35:33 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD112724.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 27 15:47:26 2024
 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...	3.557	2.884	40743139	247.1E6	20.374	21.585
28) SA Decachlor...	9.088	8.085	66075412	288.8E6	20.772	20.729
Target Compounds						
2) A alpha-BHC	4.007	3.398	37492254	199.0E6	9.317	11.291
3) MA gamma-BHC...	4.338	3.735	37269151	184.5E6	9.344	10.983
6) B beta-BHC	4.522	4.030	17221293	85229080	10.919	11.900
12) B 4,4'-DDE	6.207	5.384	525165	852756	0.161m	0.057m#
14) MA Endrin	6.583	5.798	138.5E6	632.5E6	45.769	45.215
16) A 4,4'-DDD	6.713	5.939	4455029	16513955	1.714	1.314
17) MA 4,4'-DDT	7.031	6.193	283.2E6	1221.1E6	100.260	91.577
18) B Endrin al...	6.923	6.268	3615615	22158614	1.479	1.997 #
20) A Methoxychlor	7.502	6.765	367.6E6	1316.8E6	229.855	183.577
21) B Endrin ke...	7.639	7.000	7082770	44054130	2.183	2.923 #

(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

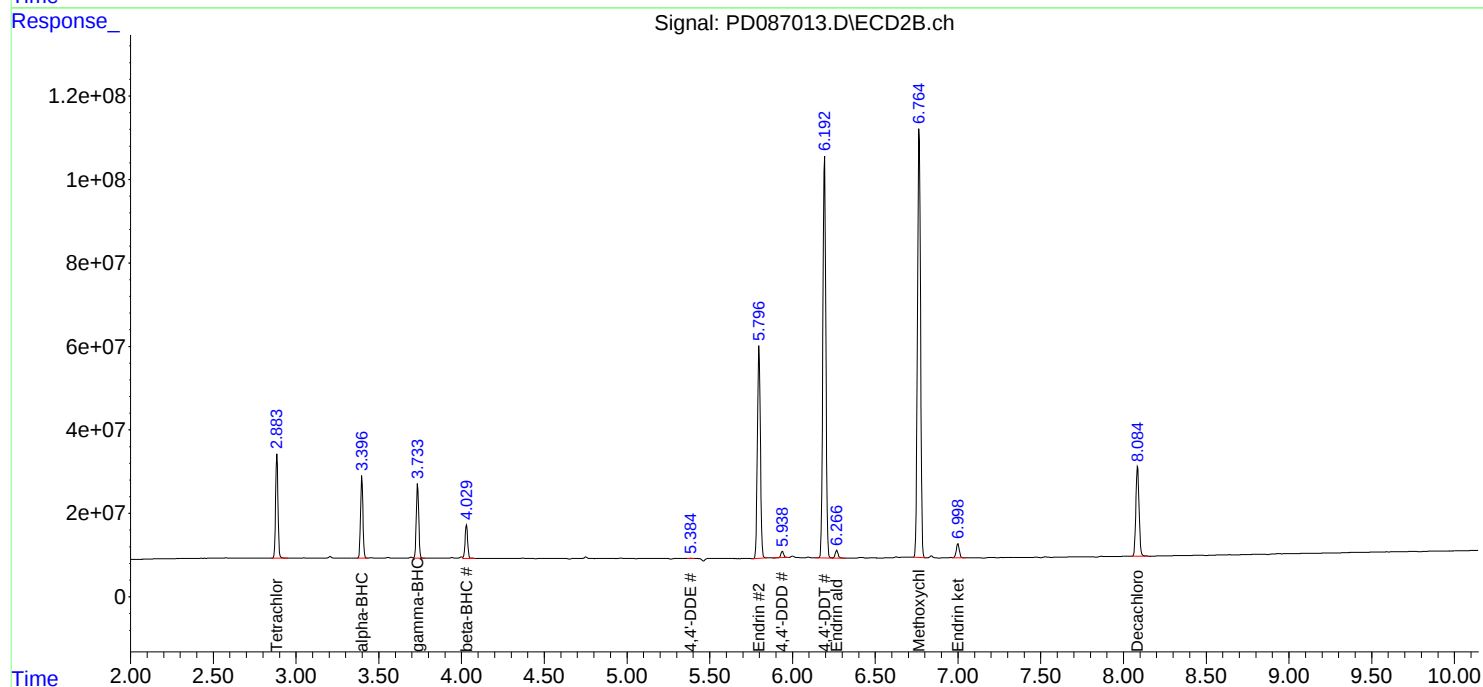
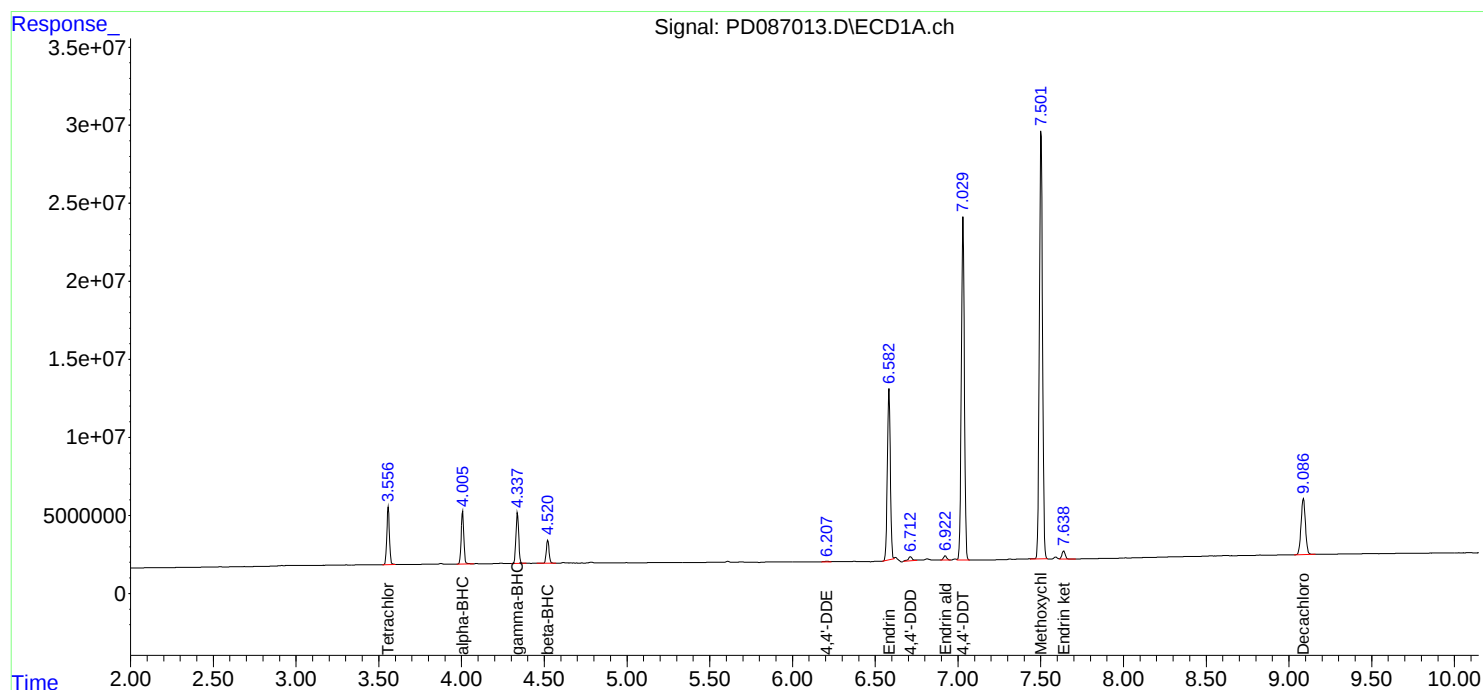
Instrument :
ECD_D
ClientSampleId :
PEM

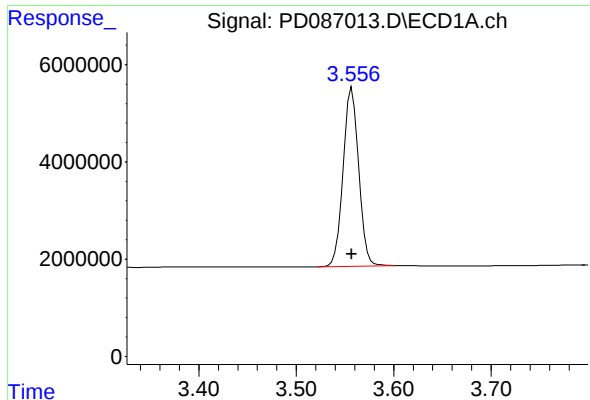
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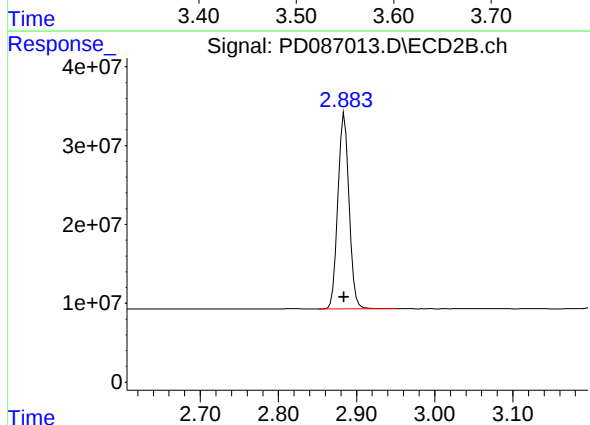
#1 Tetrachloro-m-xylene

R.T.: 3.557 min
Delta R.T.: 0.000 min
Response: 40743139
Conc: 20.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

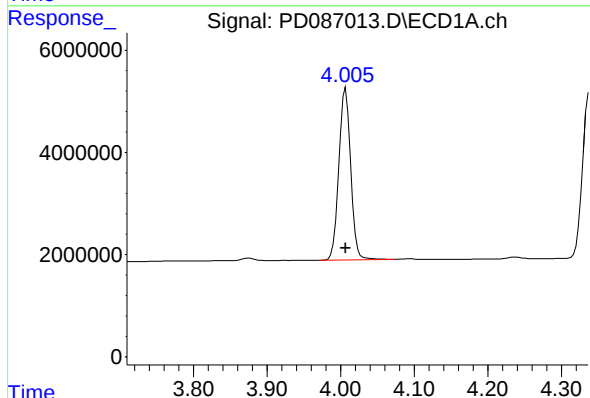
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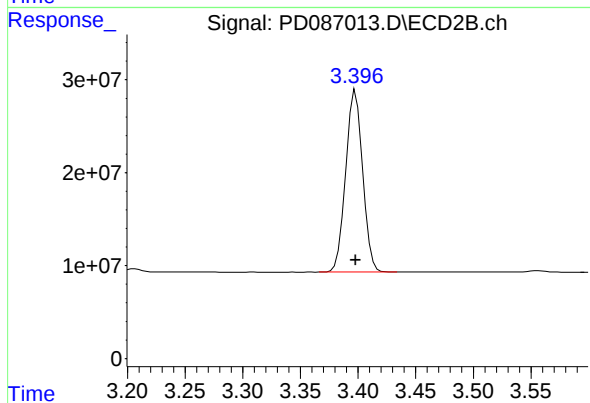
#1 Tetrachloro-m-xylene

R.T.: 2.884 min
Delta R.T.: 0.000 min
Response: 247066204
Conc: 21.58 ng/ml



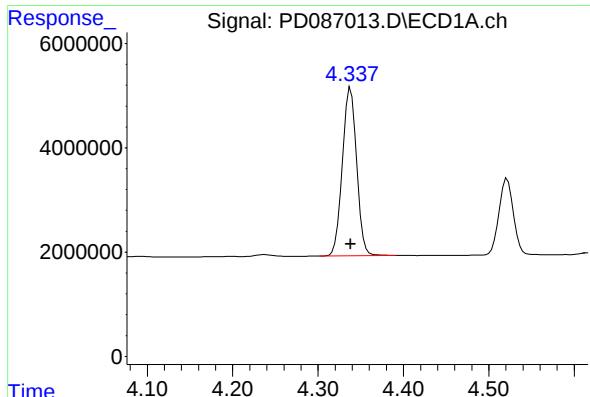
#2 alpha-BHC

R.T.: 4.007 min
Delta R.T.: 0.000 min
Response: 37492254
Conc: 9.32 ng/ml



#2 alpha-BHC

R.T.: 3.398 min
Delta R.T.: 0.000 min
Response: 198950724
Conc: 11.29 ng/ml



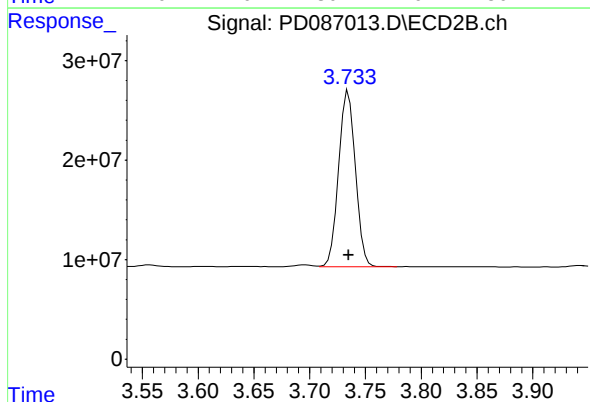
#3 gamma-BHC (Lindane)

R.T.: 4.338 min
Delta R.T.: 0.000 min
Response: 37269151
Conc: 9.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

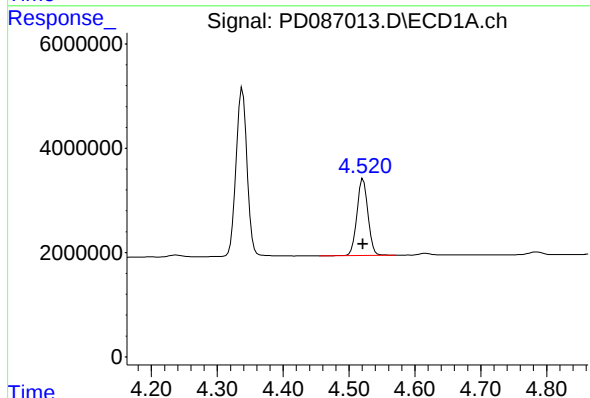
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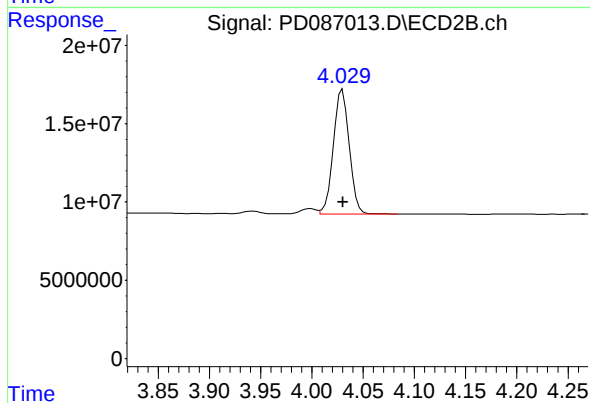
#3 gamma-BHC (Lindane)

R.T.: 3.735 min
Delta R.T.: 0.000 min
Response: 184456101
Conc: 10.98 ng/ml



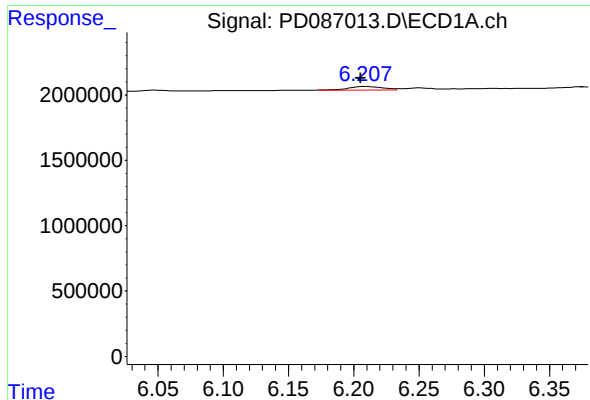
#6 beta-BHC

R.T.: 4.522 min
Delta R.T.: 0.000 min
Response: 17221293
Conc: 10.92 ng/ml



#6 beta-BHC

R.T.: 4.030 min
Delta R.T.: 0.000 min
Response: 85229080
Conc: 11.90 ng/ml



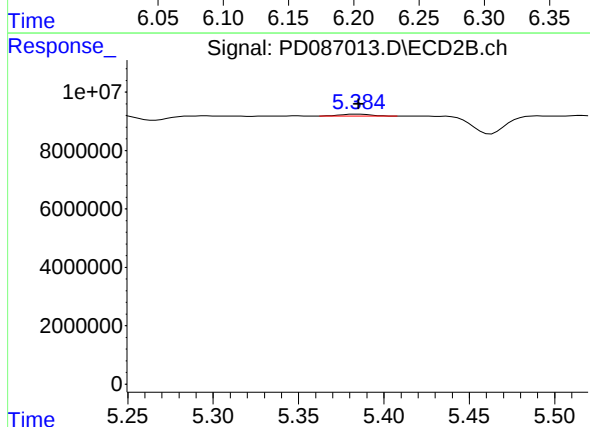
#12 4,4'-DDE

R.T.: 6.207 min
Delta R.T.: 0.001 min
Response: 525165
Conc: 0.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

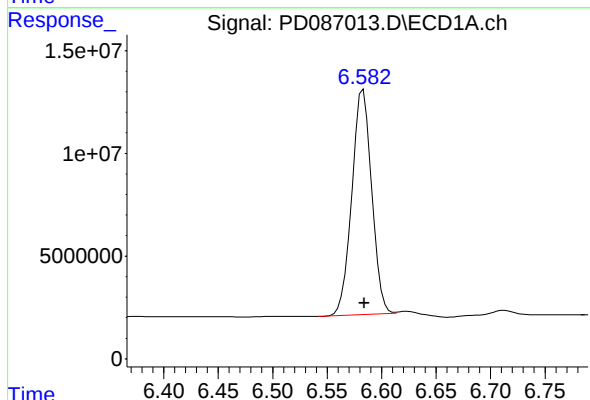
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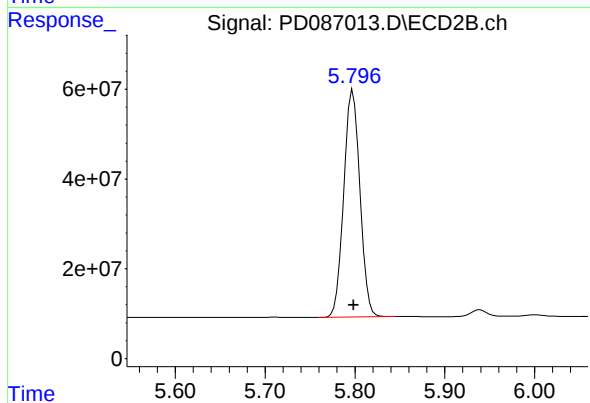
#12 4,4'-DDE

R.T.: 5.384 min
Delta R.T.: -0.002 min
Response: 852756
Conc: 0.06 ng/ml



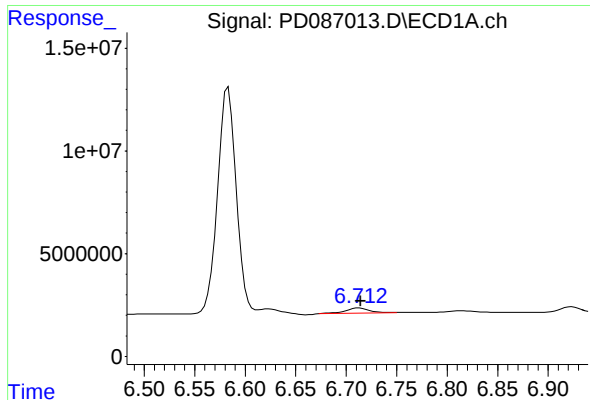
#14 Endrin

R.T.: 6.583 min
Delta R.T.: 0.000 min
Response: 138494417
Conc: 45.77 ng/ml



#14 Endrin

R.T.: 5.798 min
Delta R.T.: 0.000 min
Response: 632496346
Conc: 45.22 ng/ml



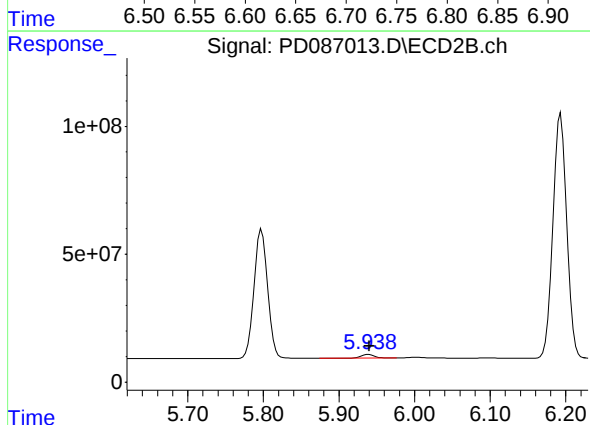
#16 4,4'-DDD

R.T.: 6.713 min
Delta R.T.: -0.001 min
Response: 4455029
Conc: 1.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

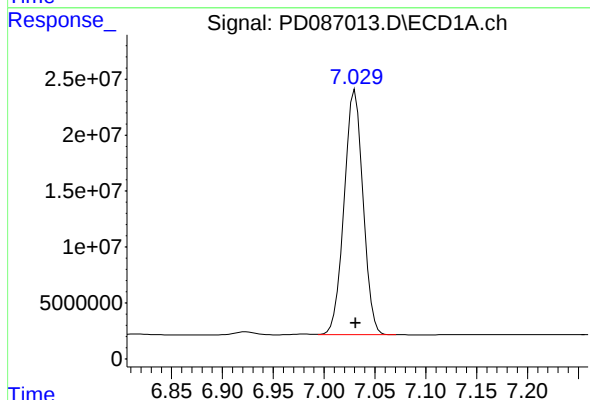
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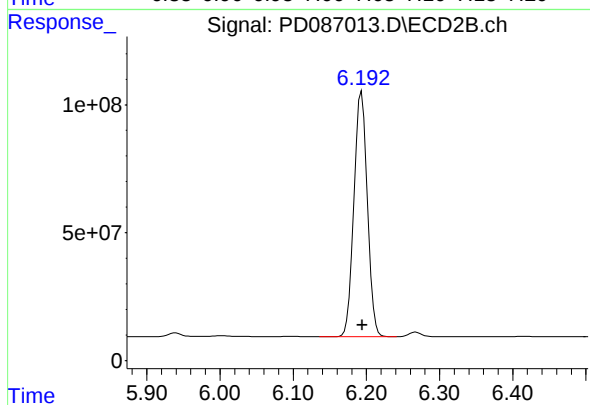
#16 4,4'-DDD

R.T.: 5.939 min
Delta R.T.: -0.001 min
Response: 16513955
Conc: 1.31 ng/ml



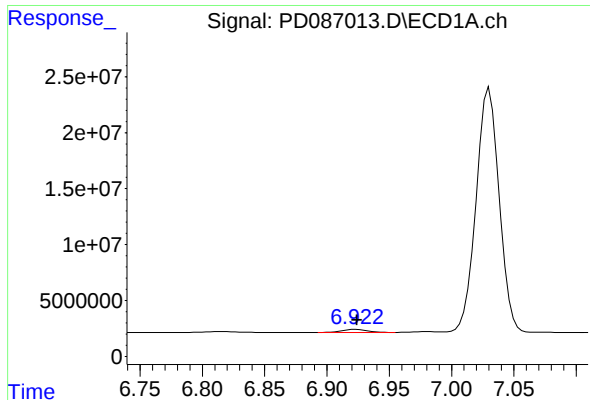
#17 4,4'-DDT

R.T.: 7.031 min
Delta R.T.: 0.000 min
Response: 283223067
Conc: 100.26 ng/ml



#17 4,4'-DDT

R.T.: 6.193 min
Delta R.T.: 0.000 min
Response: 1221082495
Conc: 91.58 ng/ml



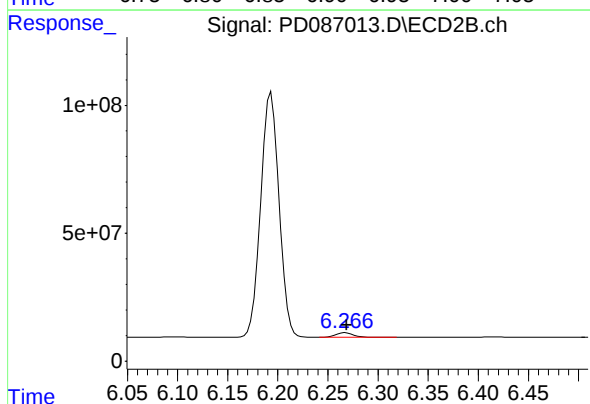
#18 Endrin aldehyde

R.T.: 6.923 min
Delta R.T.: 0.000 min
Response: 3615615
Conc: 1.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

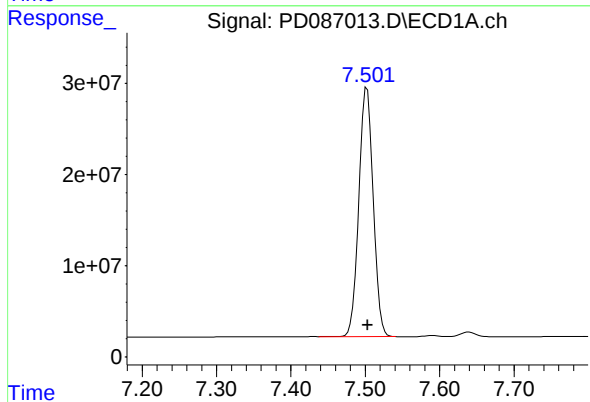
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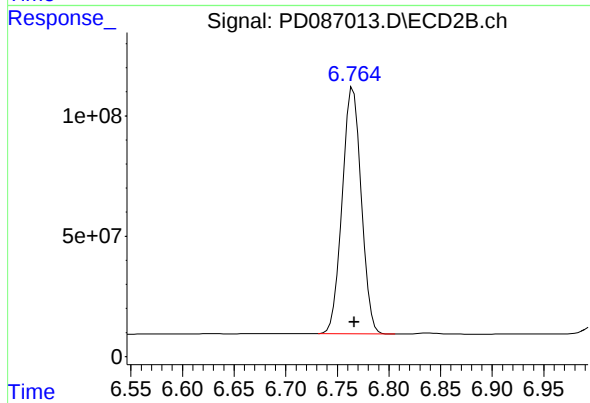
#18 Endrin aldehyde

R.T.: 6.268 min
Delta R.T.: -0.001 min
Response: 22158614
Conc: 2.00 ng/ml



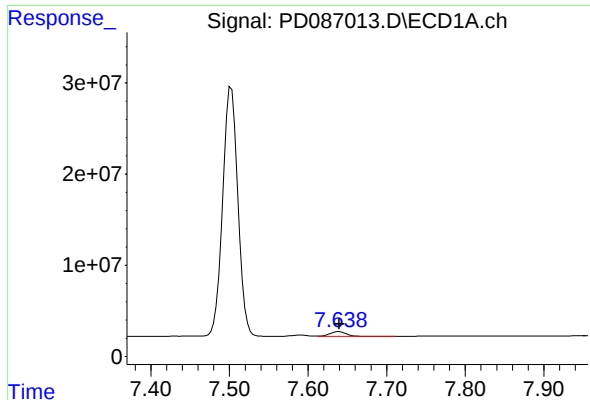
#20 Methoxychlor

R.T.: 7.502 min
Delta R.T.: 0.000 min
Response: 367603052
Conc: 229.85 ng/ml



#20 Methoxychlor

R.T.: 6.765 min
Delta R.T.: -0.001 min
Response: 1316843585
Conc: 183.58 ng/ml



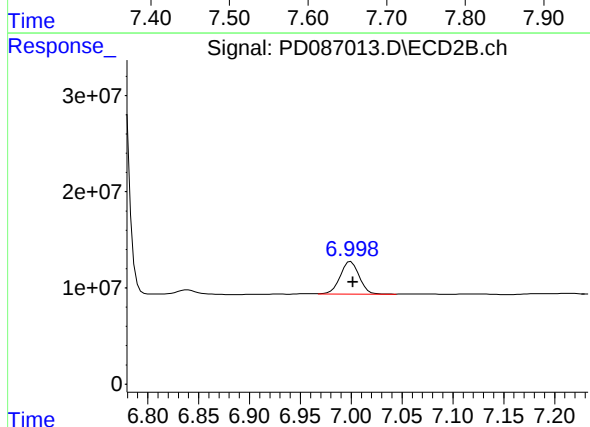
#21 Endrin ketone

R.T.: 7.639 min
Delta R.T.: 0.000 min
Response: 7082770
Conc: 2.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

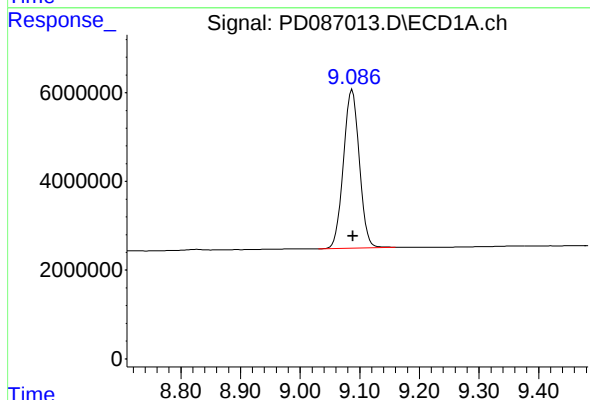
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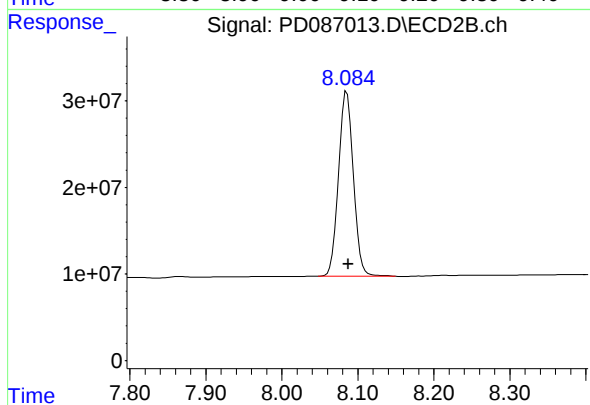
#21 Endrin ketone

R.T.: 7.000 min
Delta R.T.: -0.002 min
Response: 44054130
Conc: 2.92 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.088 min
Delta R.T.: -0.001 min
Response: 66075412
Conc: 20.77 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.085 min
Delta R.T.: -0.002 min
Response: 288815041
Conc: 20.73 ng/ml