

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051324\
 Data File : PD082750.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 May 2024 10:57
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/14/2024
 Supervised By : Ankita Jodhani 05/14/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 13 15:40:30 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051324.M
 Quant Title : GC Extractables
 QLast Update : Mon May 13 15:39:20 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...	3.565	2.775	31090445	79433875	20.082	20.043
28)	SA Decachlor...	9.121	7.905	42033624	79106982	21.049	20.466
Target Compounds							
2)	A alpha-BHC	4.022	3.275	24963304	59814118	9.113	9.589
3)	MA gamma-BHC...	4.356	3.604	24559509	54147425	9.292	9.162
6)	B beta-BHC	4.552	3.900	10861521	24997455	10.371	10.468
12)	B 4,4'-DDE	6.230	5.228	245066	937441	0.112	0.201 #
14)	MA Endrin	6.615	5.633	88787767	202.2E6	47.189	46.249
16)	A 4,4'-DDD	6.750	5.780	398059	883301	0.249m	0.235m
17)	MA 4,4'-DDT	7.063	6.030	172.2E6	395.0E6	102.010	103.000
18)	B Endrin al...	6.964	6.106	1644665	4935651	1.175	1.581 #
20)	A Methoxychlor	7.539	6.605	214.7E6	466.0E6	234.271	229.345
21)	B Endrin ke...	7.687	6.832	3532643	9004726	1.838	1.981

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051324\
Data File : PD082750.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 May 2024 10:57
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

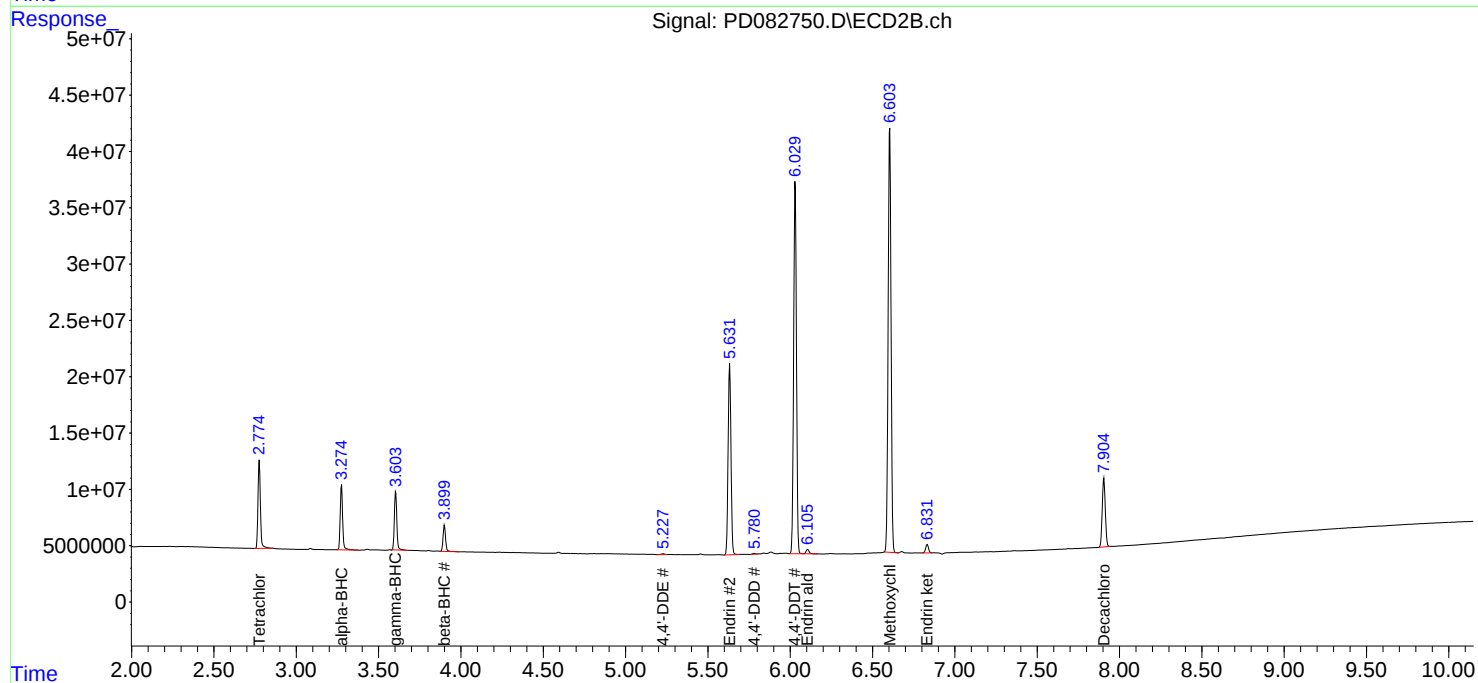
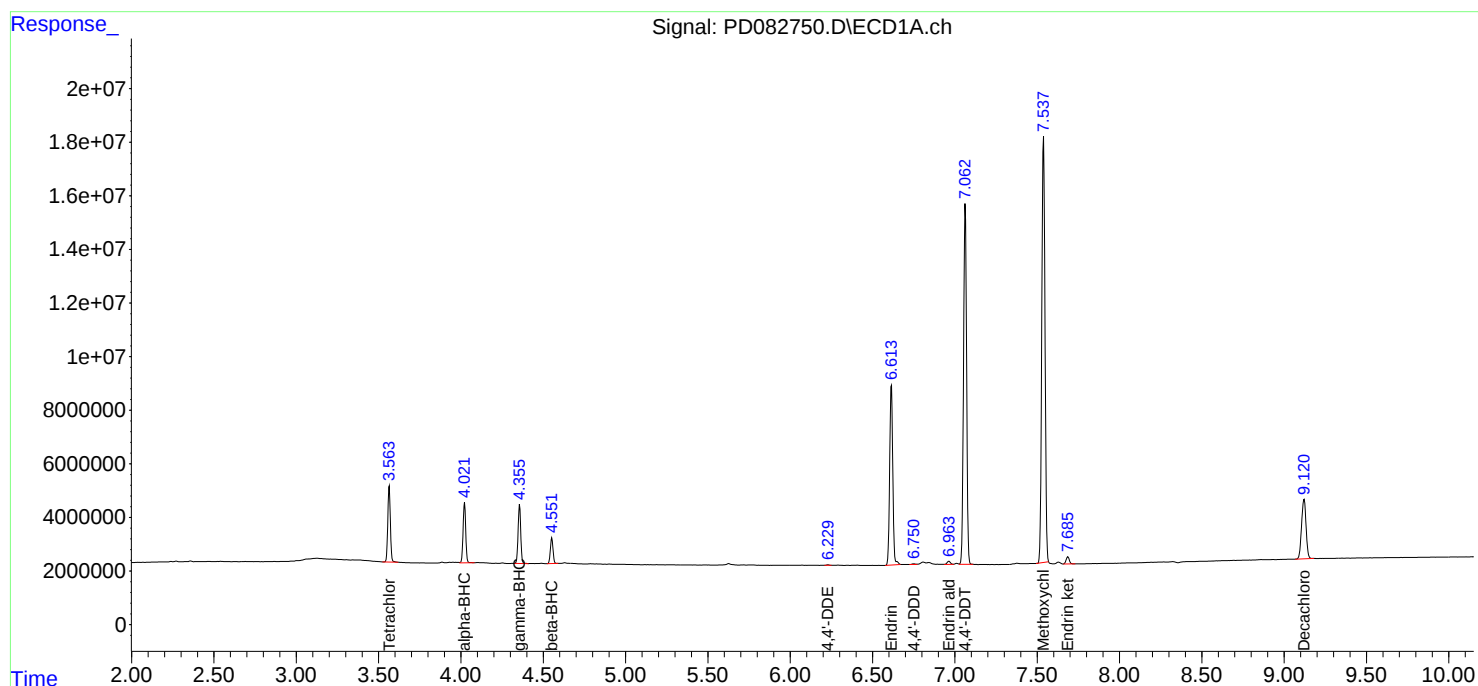
Instrument :
ECD_D
ClientSampleId :
PEM

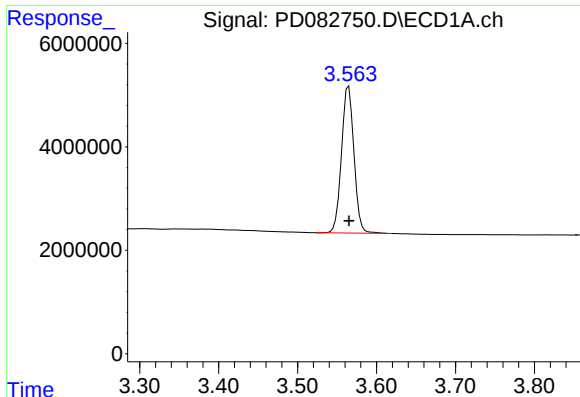
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 13 15:40:30 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051324.M
Quant Title : GC Extractables
QLast Update : Mon May 13 15:39:20 2024
Response 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





#1 Tetrachloro-m-xylene

R.T.: 3.565 min
Delta R.T.: 0.000 min
Response: 31090445
Conc: 20.08 ng/ml

Instrument :

ECD_D

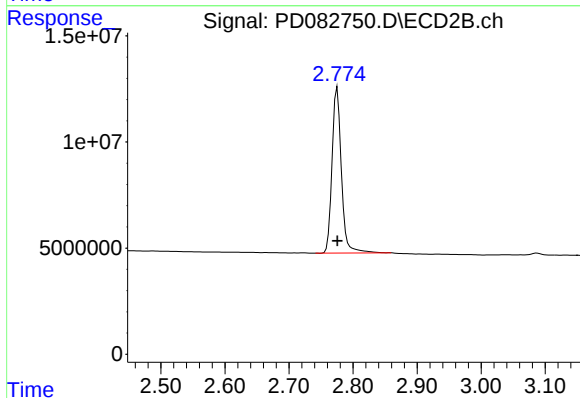
ClientSampleId :

PEM

Manual Integrations

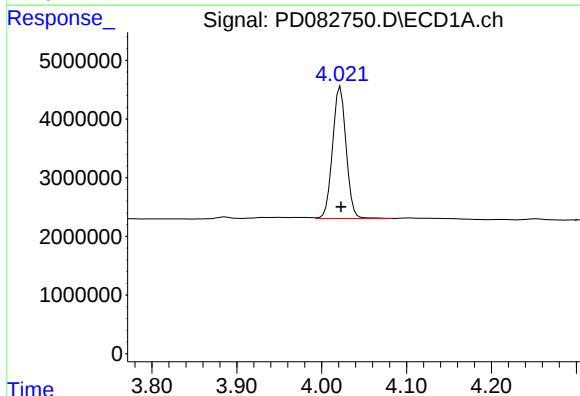
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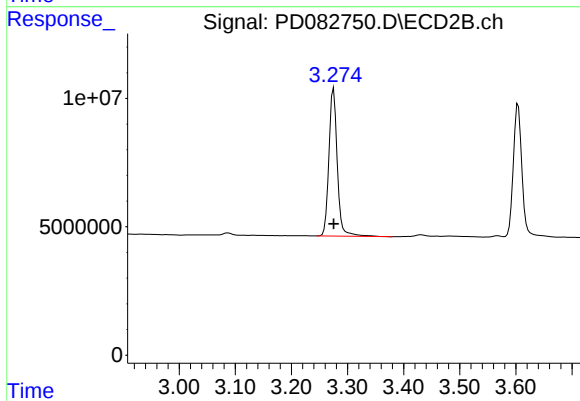
#1 Tetrachloro-m-xylene

R.T.: 2.775 min
Delta R.T.: 0.000 min
Response: 79433875
Conc: 20.04 ng/ml



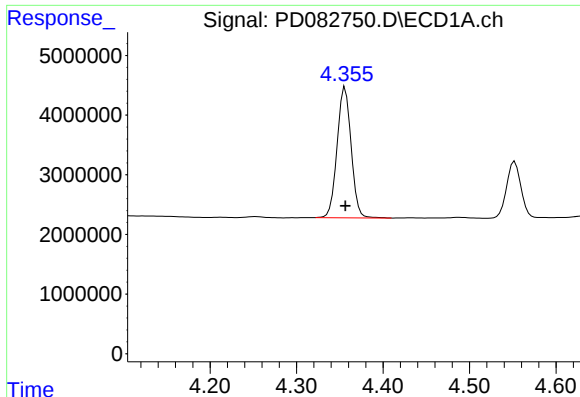
#2 alpha-BHC

R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 24963304
Conc: 9.11 ng/ml



#2 alpha-BHC

R.T.: 3.275 min
Delta R.T.: 0.000 min
Response: 59814118
Conc: 9.59 ng/ml



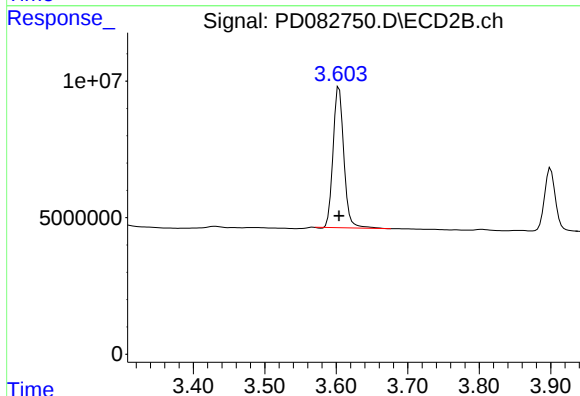
#3 gamma-BHC (Lindane)

R.T.: 4.356 min
Delta R.T.: 0.000 min
Response: 24559509
Conc: 9.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

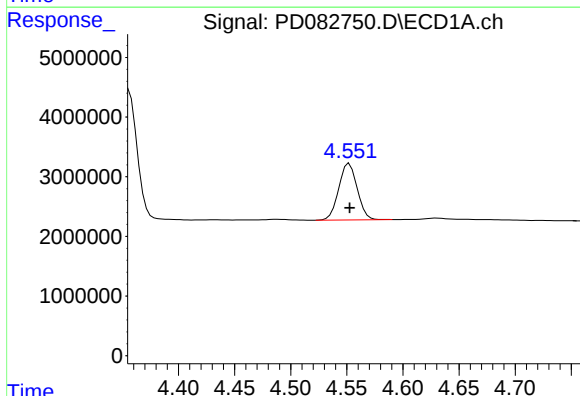
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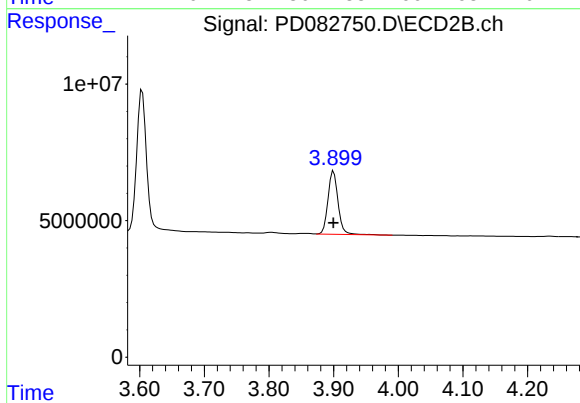
#3 gamma-BHC (Lindane)

R.T.: 3.604 min
Delta R.T.: 0.000 min
Response: 54147425
Conc: 9.16 ng/ml



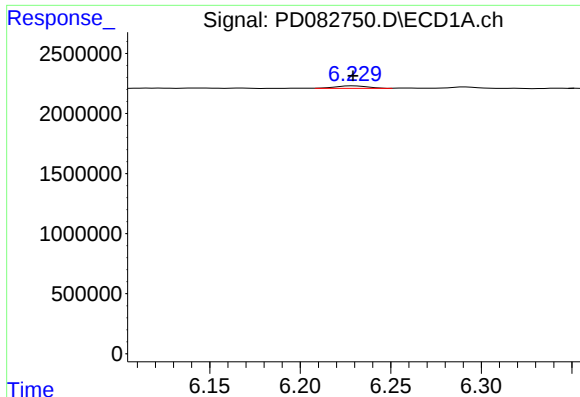
#6 beta-BHC

R.T.: 4.552 min
Delta R.T.: 0.000 min
Response: 10861521
Conc: 10.37 ng/ml



#6 beta-BHC

R.T.: 3.900 min
Delta R.T.: 0.000 min
Response: 24997455
Conc: 10.47 ng/ml



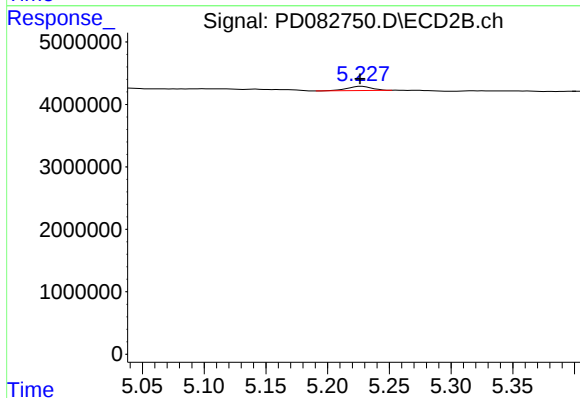
#12 4,4'-DDE

R.T.: 6.230 min
Delta R.T.: 0.000 min
Response: 245066
Conc: 0.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

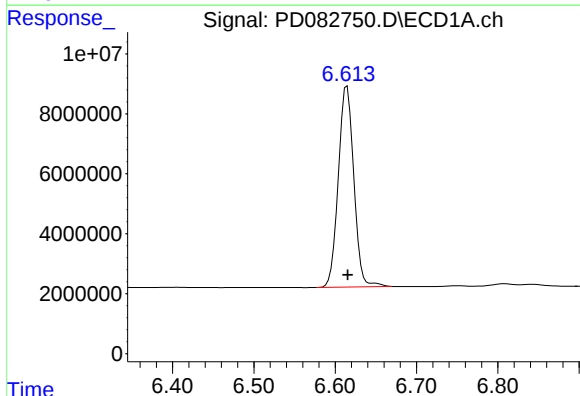
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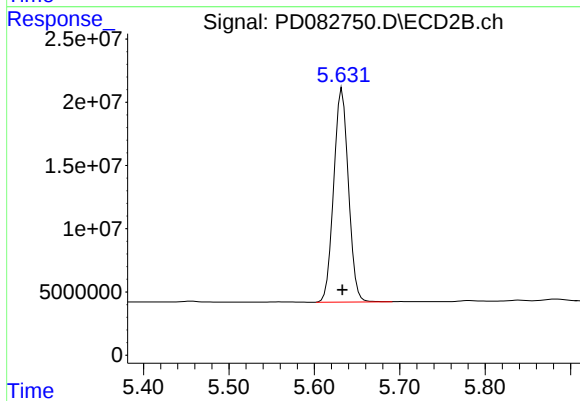
#12 4,4'-DDE

R.T.: 5.228 min
Delta R.T.: 0.002 min
Response: 937441
Conc: 0.20 ng/ml



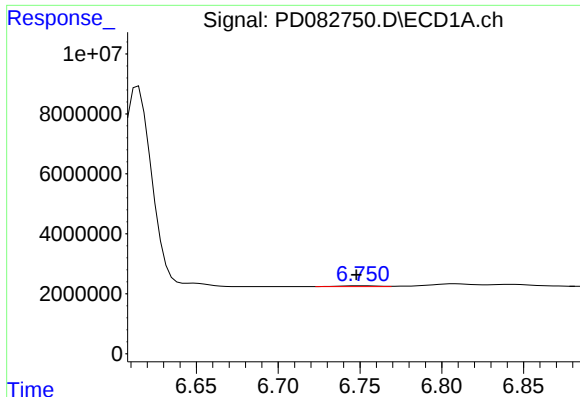
#14 Endrin

R.T.: 6.615 min
Delta R.T.: 0.000 min
Response: 88787767
Conc: 47.19 ng/ml



#14 Endrin

R.T.: 5.633 min
Delta R.T.: 0.000 min
Response: 202237044
Conc: 46.25 ng/ml



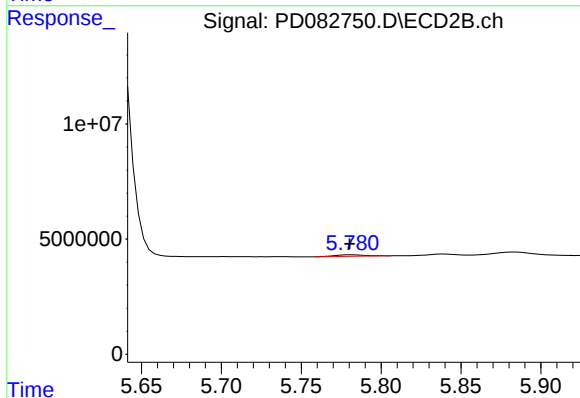
#16 4,4'-DDD

R.T.: 6.750 min
Delta R.T.: 0.002 min
Response: 398059
Conc: 0.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

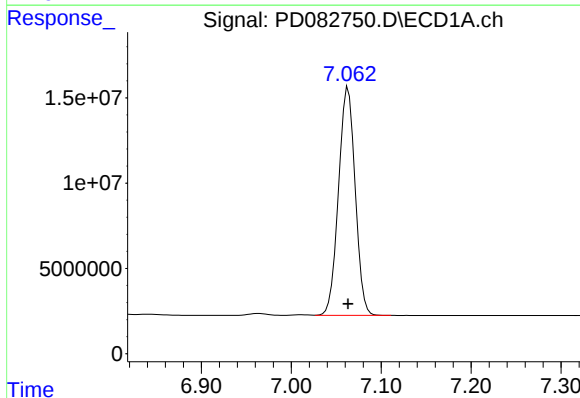
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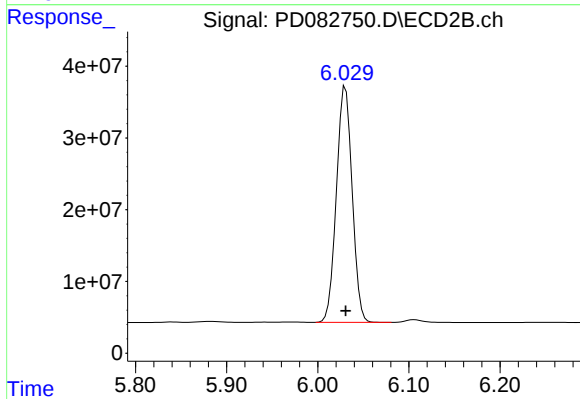
#16 4,4'-DDD

R.T.: 5.780 min
Delta R.T.: 0.000 min
Response: 883301
Conc: 0.23 ng/ml m



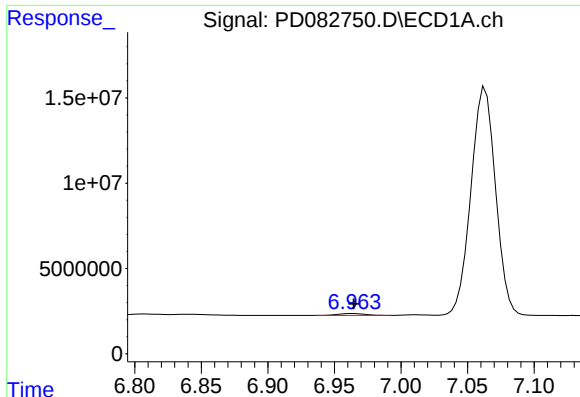
#17 4,4'-DDT

R.T.: 7.063 min
Delta R.T.: 0.000 min
Response: 172201138
Conc: 102.01 ng/ml



#17 4,4'-DDT

R.T.: 6.030 min
Delta R.T.: 0.000 min
Response: 394974196
Conc: 103.00 ng/ml



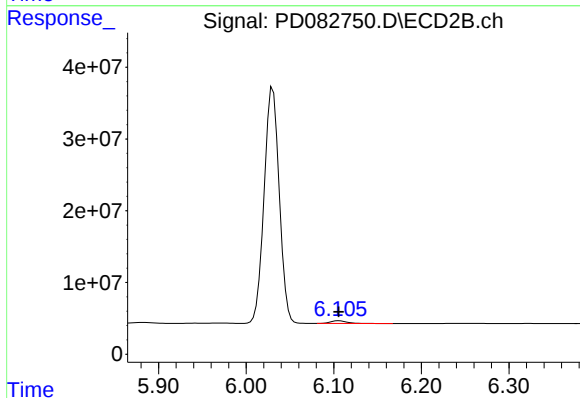
#18 Endrin aldehyde

R.T.: 6.964 min
Delta R.T.: 0.000 min
Response: 1644665
Conc: 1.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

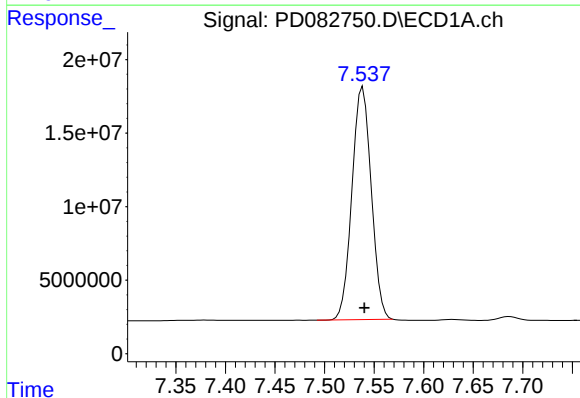
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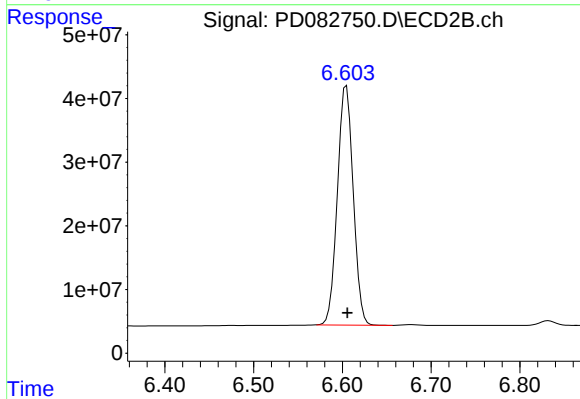
#18 Endrin aldehyde

R.T.: 6.106 min
Delta R.T.: 0.000 min
Response: 4935651
Conc: 1.58 ng/ml



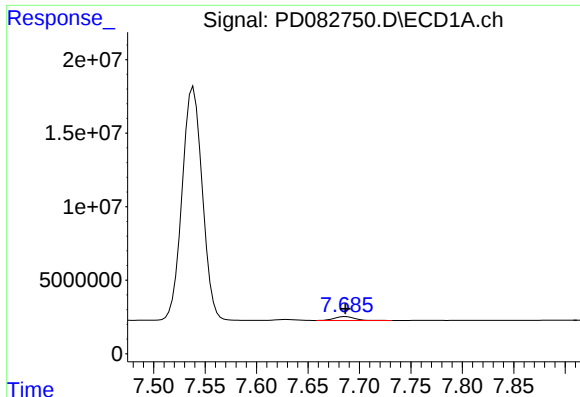
#20 Methoxychlor

R.T.: 7.539 min
Delta R.T.: -0.002 min
Response: 214745661
Conc: 234.27 ng/ml



#20 Methoxychlor

R.T.: 6.605 min
Delta R.T.: -0.001 min
Response: 466015666
Conc: 229.34 ng/ml



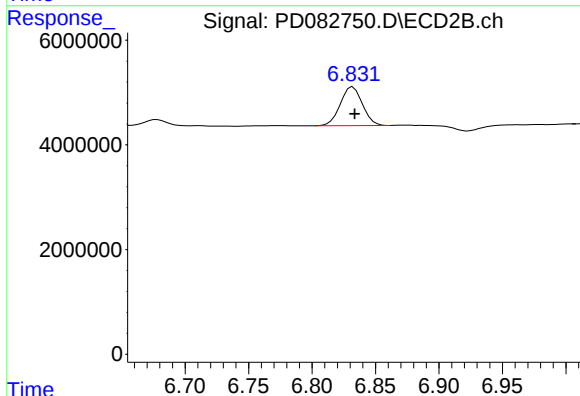
#21 Endrin ketone

R.T.: 7.687 min
Delta R.T.: 0.000 min
Response: 3532643
Conc: 1.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

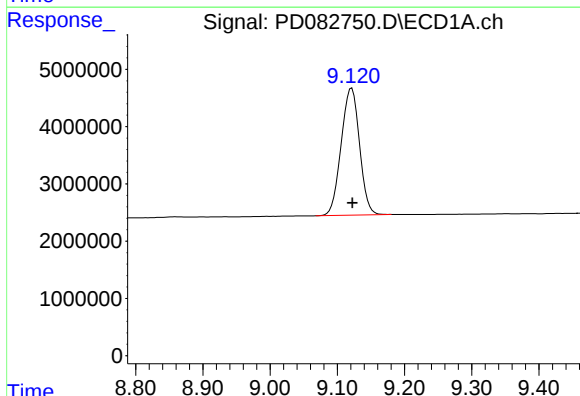
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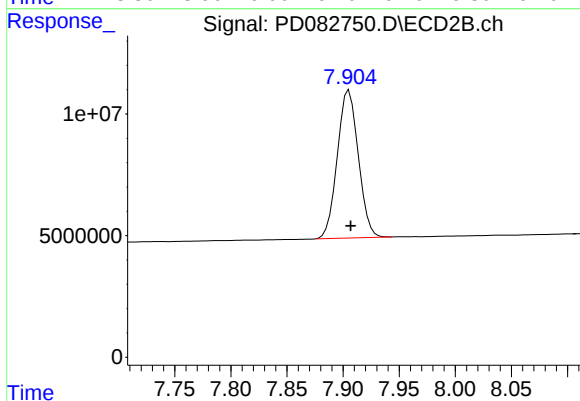
#21 Endrin ketone

R.T.: 6.832 min
Delta R.T.: -0.001 min
Response: 9004726
Conc: 1.98 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.121 min
Delta R.T.: -0.001 min
Response: 42033624
Conc: 21.05 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.905 min
Delta R.T.: -0.002 min
Response: 79106982
Conc: 20.47 ng/ml