

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD041421\
 Data File : PD062153.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Apr 2021 09:37
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 14 15:42:36 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD032921.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 30 04:47:56 2021
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.484	3.980	19638778	214.8E6	23.455	24.725
28)	SA Decachlor...	8.256	9.038	30827252	202.4E6	25.054	21.437
Target Compounds							
2)	A alpha-BHC	3.924	4.368	14111290	162.4E6	11.173	12.073
3)	MA gamma-BHC...	4.209	4.653	14058532	160.4E6	11.841	12.860
6)	B beta-BHC	4.459	4.823	7121953	68760805	13.060	13.312
12)	B 4,4'-DDE	5.654	6.317	279419	2089180	0.249m	0.181 #
14)	MA Endrin	6.049	6.683	62905348	562.2E6	61.221	56.807
16)	A 4,4'-DDD	6.173	6.805	1370177	16071673	1.472	1.697
17)	MA 4,4'-DDT	6.415	7.103	123.5E6	1055.2E6	137.058	110.475
18)	B Endrin al...	6.489	7.014	866239	5818061	1.014m	0.740m#
20)	A Methoxychlor	6.961	7.561	162.3E6	1235.9E6	343.414	274.161
21)	B Endrin ke...	7.198	7.708	3809069	22395449	2.985	2.208 #

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

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Acq On : 14 Apr 2021 09:37
Operator : AR\AJ
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Misc :
ALS Vial : 3 Sample Multiplier: 1

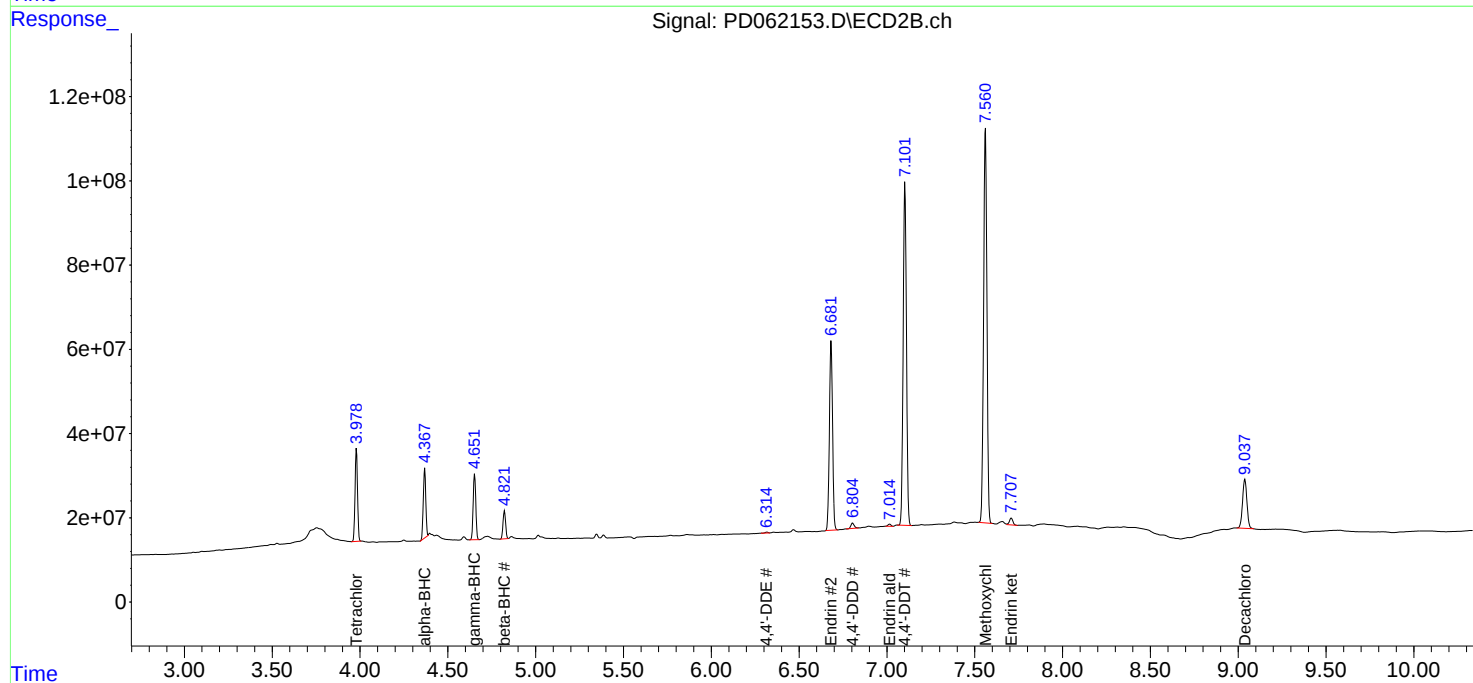
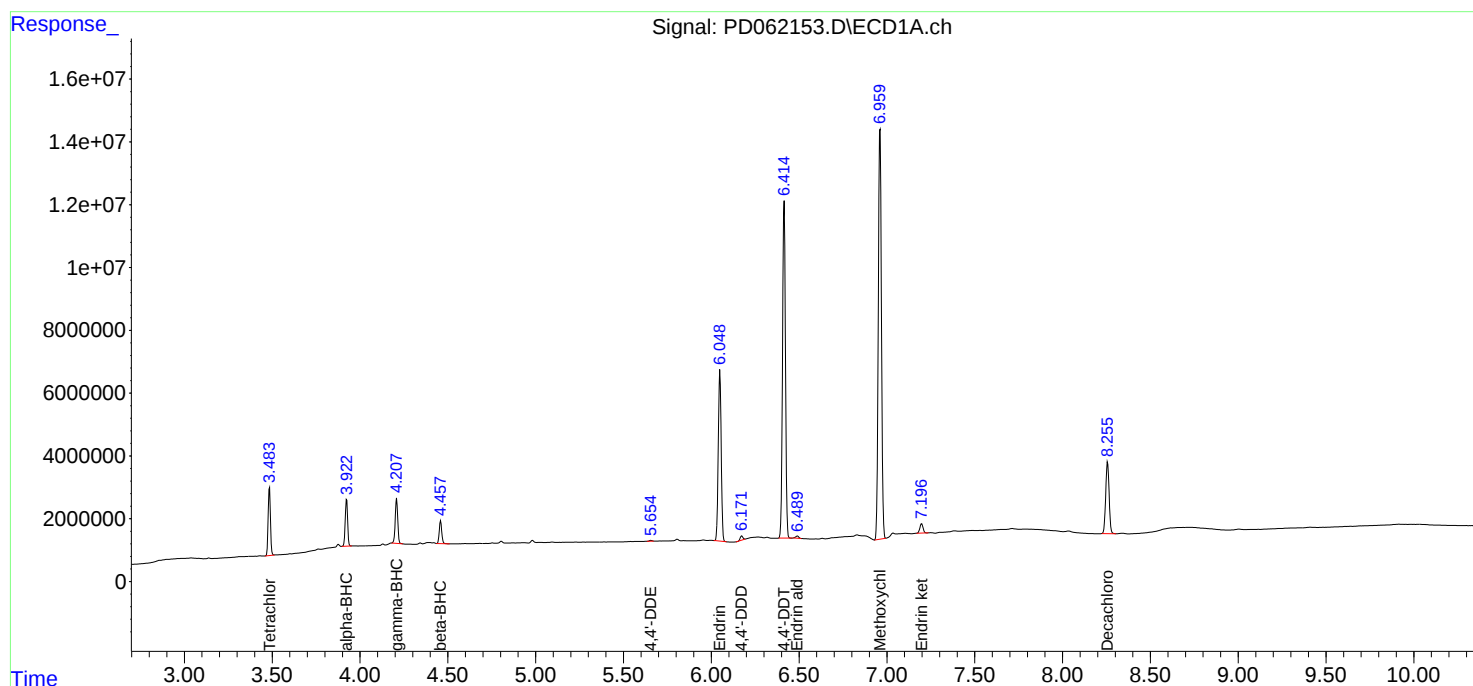
Instrument :
ECD_D
ClientSampleId :
PEM

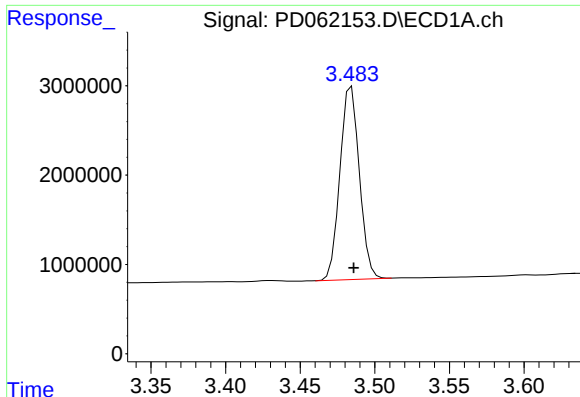
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Integration File signal 1: autoint1.e
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Volume Inj. : 2 µl
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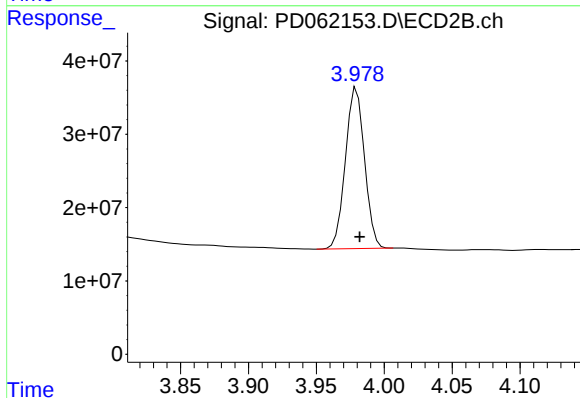
#1 Tetrachloro-m-xylene

R.T.: 3.484 min
Delta R.T.: -0.002 min
Response: 19638778
Conc: 23.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

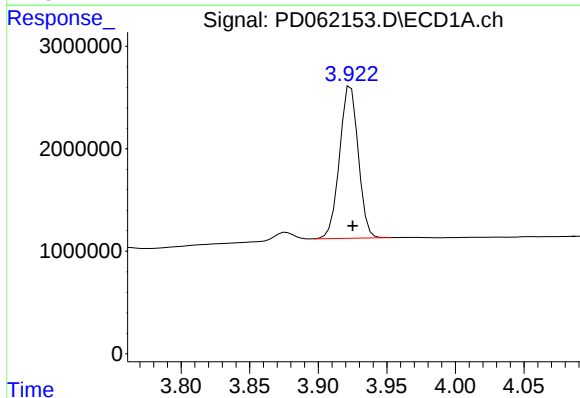
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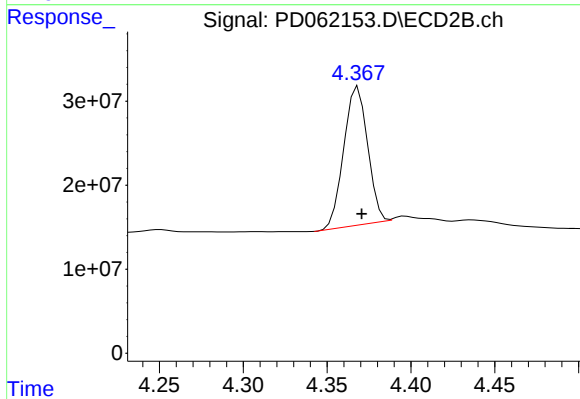
#1 Tetrachloro-m-xylene

R.T.: 3.980 min
Delta R.T.: -0.002 min
Response: 214830836
Conc: 24.72 ng/ml



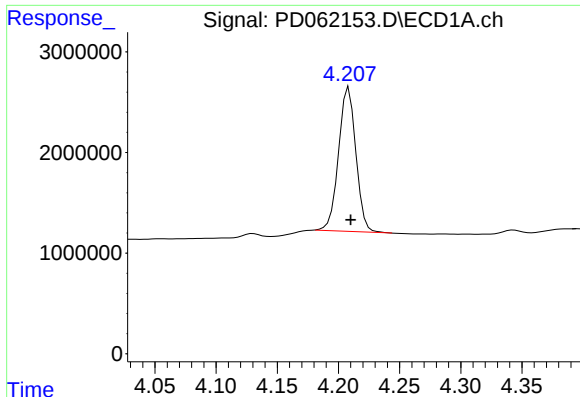
#2 alpha-BHC

R.T.: 3.924 min
Delta R.T.: -0.001 min
Response: 14111290
Conc: 11.17 ng/ml



#2 alpha-BHC

R.T.: 4.368 min
Delta R.T.: -0.002 min
Response: 162387107
Conc: 12.07 ng/ml



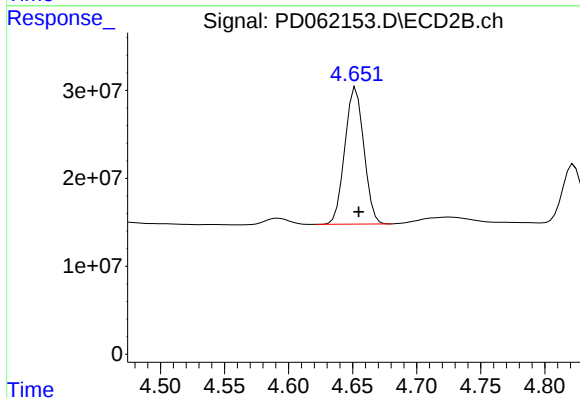
#3 gamma-BHC (Lindane)

R.T.: 4.209 min
Delta R.T.: -0.002 min
Response: 14058532
Conc: 11.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

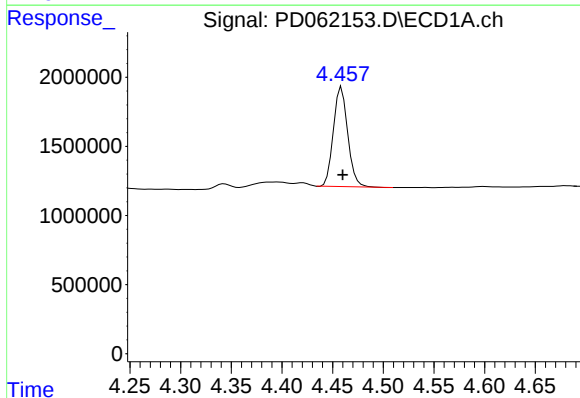
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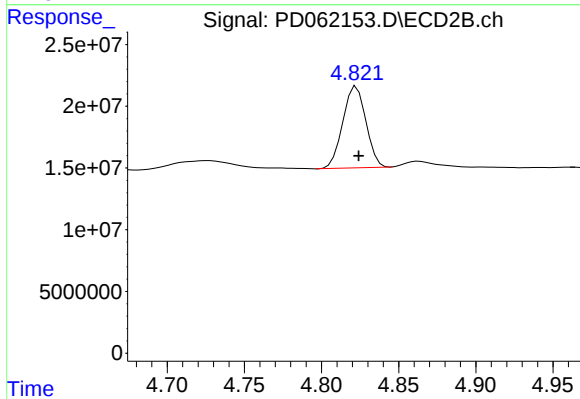
#3 gamma-BHC (Lindane)

R.T.: 4.653 min
Delta R.T.: -0.002 min
Response: 160407118
Conc: 12.86 ng/ml



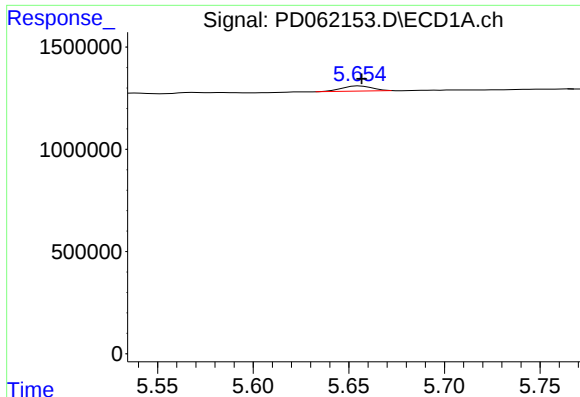
#6 beta-BHC

R.T.: 4.459 min
Delta R.T.: -0.001 min
Response: 7121953
Conc: 13.06 ng/ml



#6 beta-BHC

R.T.: 4.823 min
Delta R.T.: -0.002 min
Response: 68760805
Conc: 13.31 ng/ml



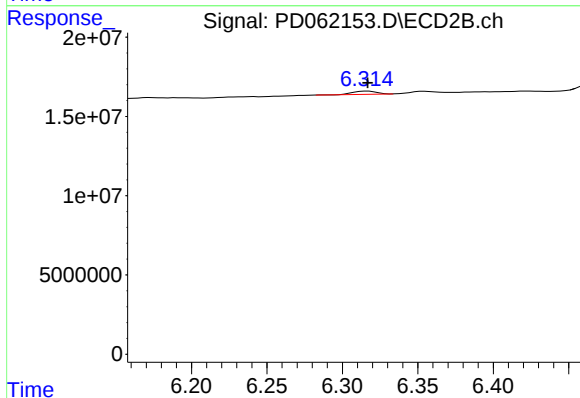
#12 4,4'-DDE

R.T.: 5.654 min
Delta R.T.: -0.002 min
Response: 279419
Conc: 0.25 ng/ml m

Instrument :
ECD_D
ClientSampleId :
PEM

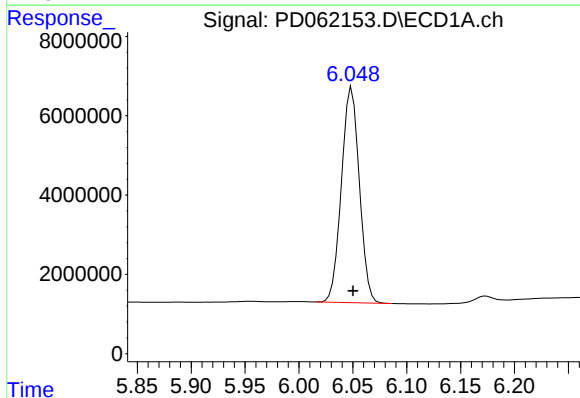
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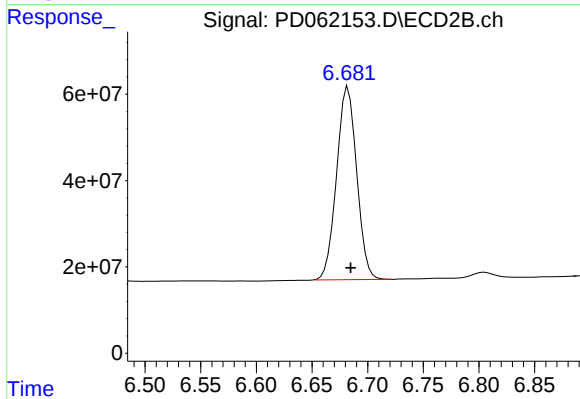
#12 4,4'-DDE

R.T.: 6.317 min
Delta R.T.: 0.000 min
Response: 2089180
Conc: 0.18 ng/ml



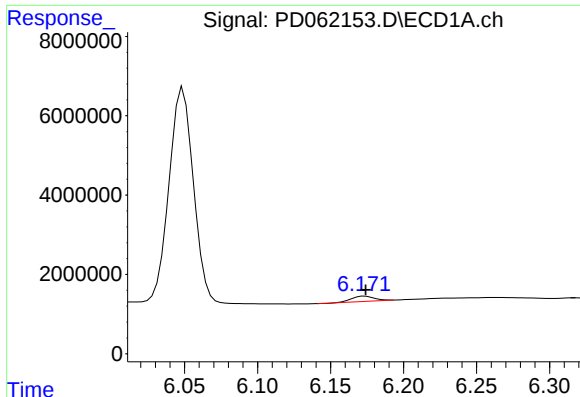
#14 Endrin

R.T.: 6.049 min
Delta R.T.: -0.001 min
Response: 62905348
Conc: 61.22 ng/ml



#14 Endrin

R.T.: 6.683 min
Delta R.T.: -0.002 min
Response: 562177189
Conc: 56.81 ng/ml



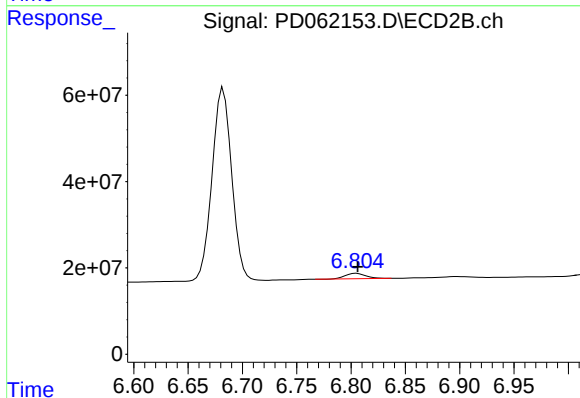
#16 4,4'-DDD

R.T.: 6.173 min
Delta R.T.: 0.000 min
Response: 1370177
Conc: 1.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

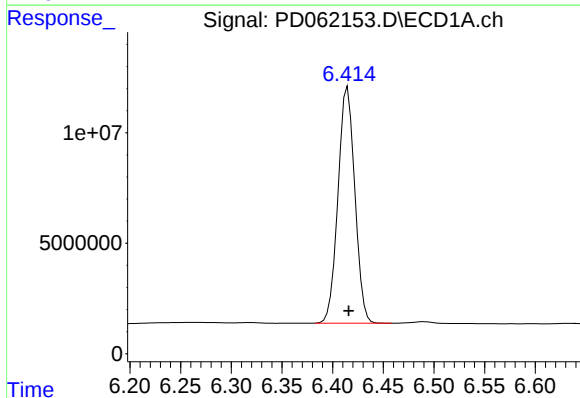
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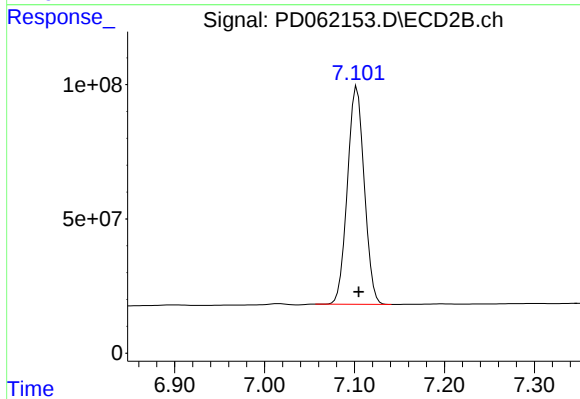
#16 4,4'-DDD

R.T.: 6.805 min
Delta R.T.: -0.001 min
Response: 16071673
Conc: 1.70 ng/ml



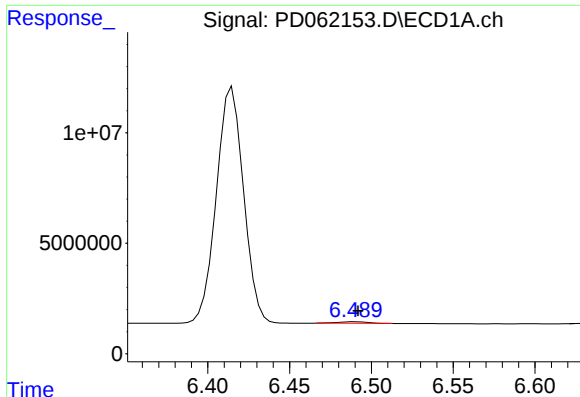
#17 4,4'-DDT

R.T.: 6.415 min
Delta R.T.: 0.000 min
Response: 123451891
Conc: 137.06 ng/ml



#17 4,4'-DDT

R.T.: 7.103 min
Delta R.T.: -0.002 min
Response: 1055214053
Conc: 110.47 ng/ml



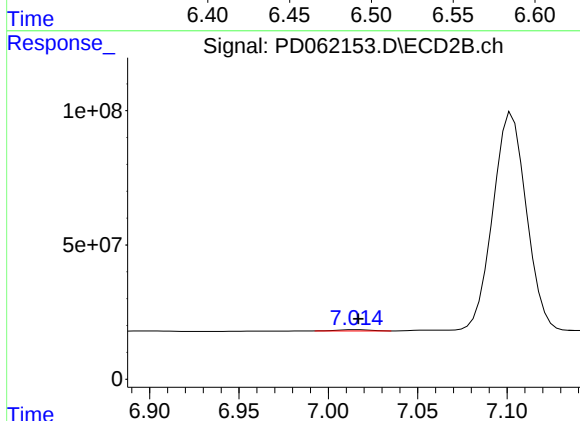
#18 Endrin aldehyde

R.T.: 6.489 min
Delta R.T.: -0.003 min
Response: 866239
Conc: 1.01 ng/ml m

Instrument :
ECD_D
ClientSampleId :
PEM

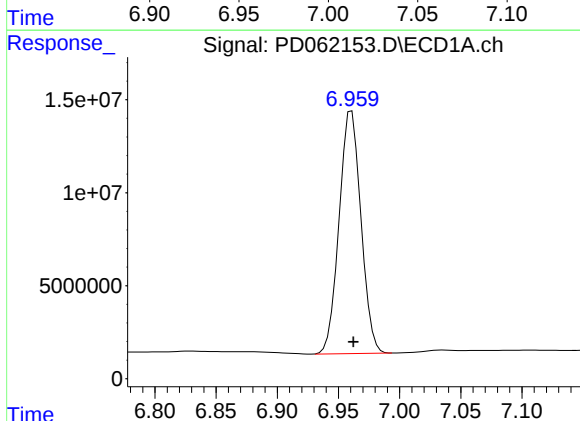
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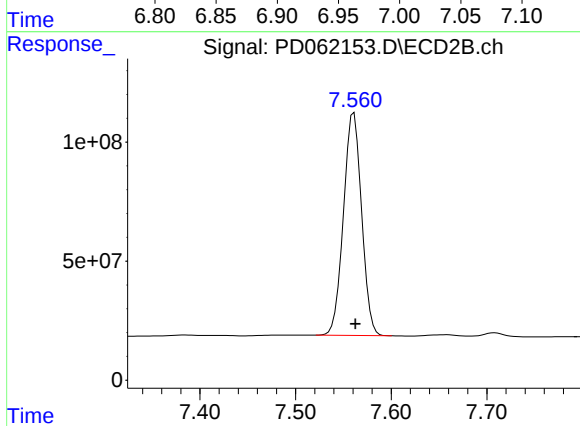
#18 Endrin aldehyde

R.T.: 7.014 min
Delta R.T.: -0.002 min
Response: 5818061
Conc: 0.74 ng/ml m



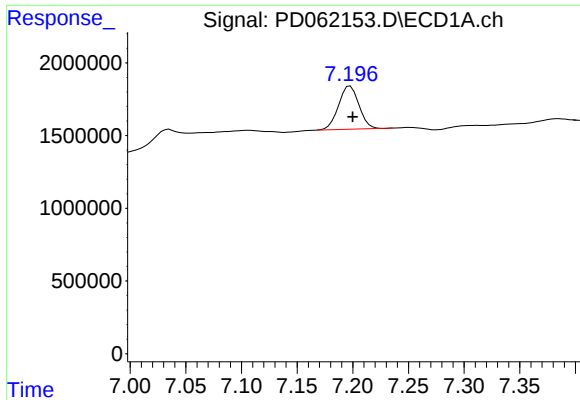
#20 Methoxychlor

R.T.: 6.961 min
Delta R.T.: -0.002 min
Response: 162263457
Conc: 343.41 ng/ml



#20 Methoxychlor

R.T.: 7.561 min
Delta R.T.: -0.001 min
Response: 1235895554
Conc: 274.16 ng/ml



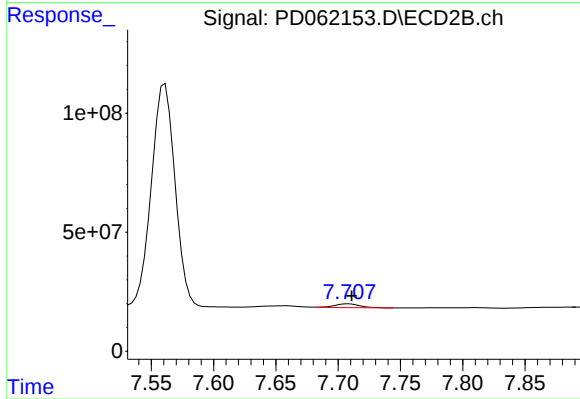
#21 Endrin ketone

R.T.: 7.198 min
Delta R.T.: -0.002 min
Response: 3809069
Conc: 2.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

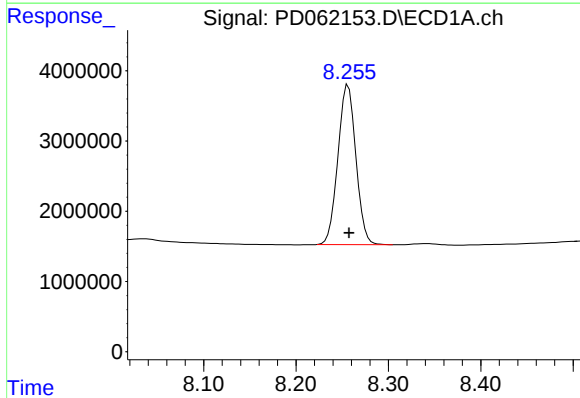
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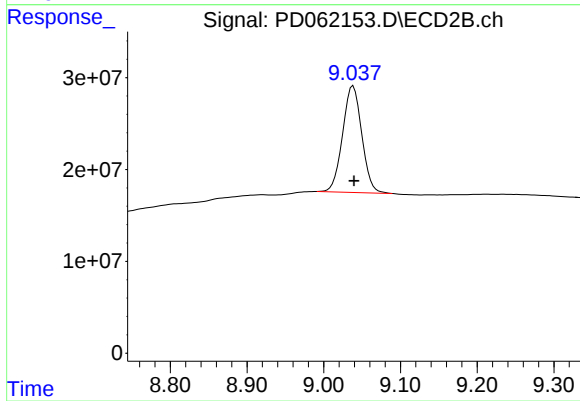
#21 Endrin ketone

R.T.: 7.708 min
Delta R.T.: -0.003 min
Response: 22395449
Conc: 2.21 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.256 min
Delta R.T.: 0.000 min
Response: 30827252
Conc: 25.05 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.038 min
Delta R.T.: -0.002 min
Response: 202378120
Conc: 21.44 ng/ml