

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD082123\
 Data File : PD077306.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Aug 2023 00:24
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/22/2023
 Supervised By : Ankita Jodhani 08/22/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 22 05:53:13 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD080323.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 03 14:17:41 2023
 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...	3.542	2.761	45450142	26955903	19.206	19.790
28)	SA Decachlor...	9.081	7.901	57874594	29318477	21.121	20.487
Target Compounds							
2)	A alpha-BHC	3.998	3.263	35289139	18717030	9.191	9.676
3)	MA gamma-BHC...	4.332	3.592	34415079	17557796	9.350	9.438
6)	B beta-BHC	4.529	3.889	16257096	8538808	10.803	11.193
12)	B 4,4'-DDE	6.201	5.216	542044	373310	0.183	0.257m#
14)	MA Endrin	6.586	5.624	121.2E6	66339770	43.612	45.338
16)	A 4,4'-DDD	6.720	5.772	5627775	3015254	2.392	2.711
17)	MA 4,4'-DDT	7.035	6.022	248.0E6	130.9E6	102.008	117.791
18)	B Endrin al...	6.936	6.098	4685496	3431040	2.145	3.014 #
20)	A Methoxychlor	7.511	6.597	332.7E6	164.1E6	234.797	274.404
21)	B Endrin ke...	7.657	6.826	9773967	6060663	3.245	3.823

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

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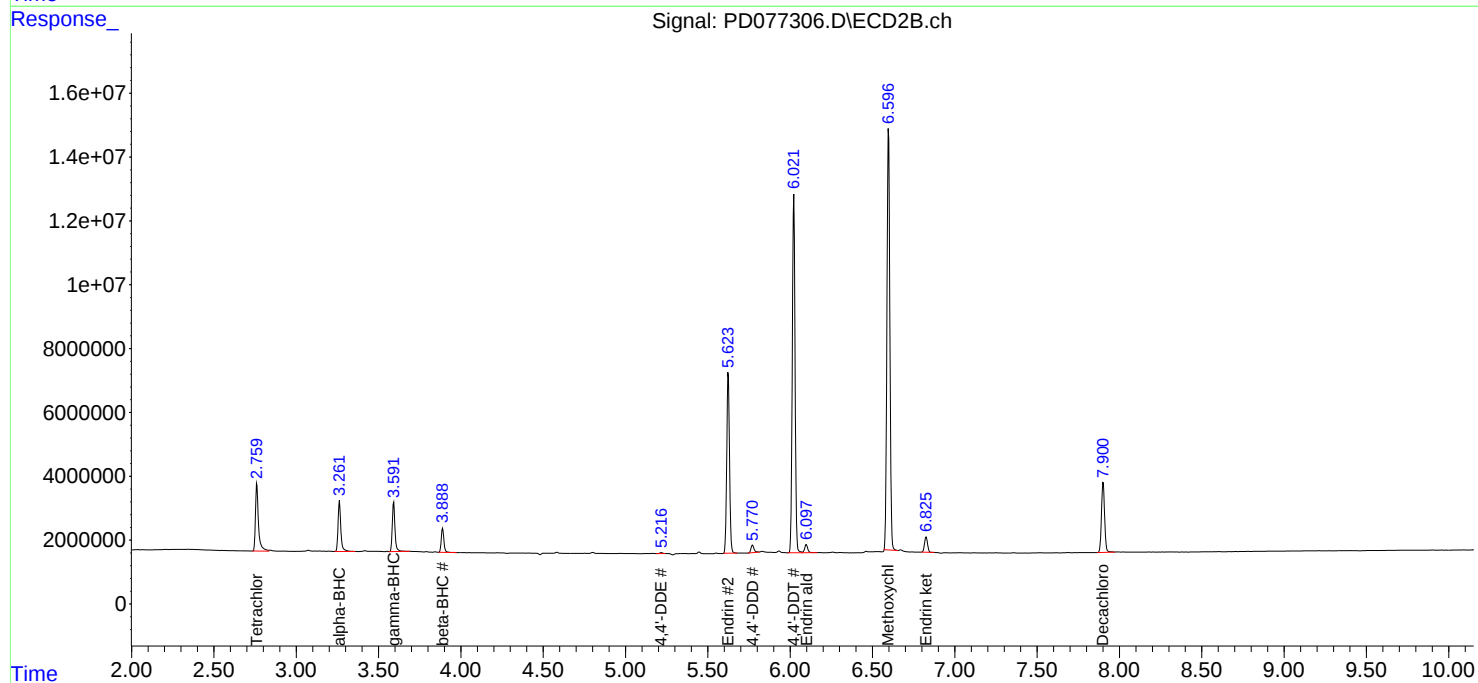
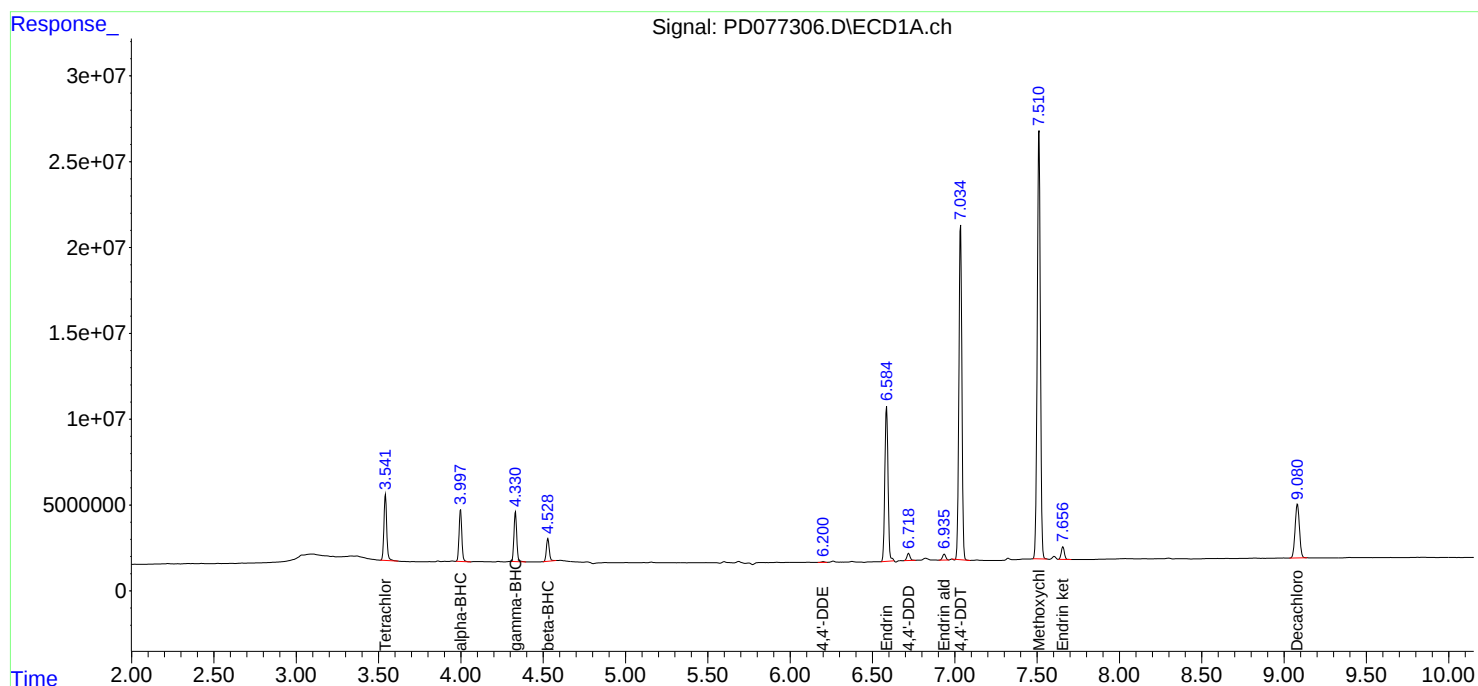
Instrument :
ECD_D
ClientSampleId :
PEM

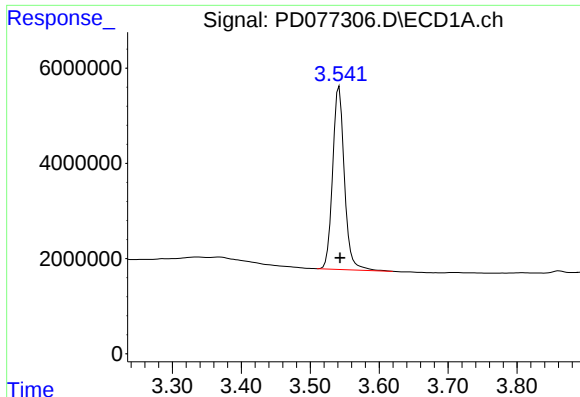
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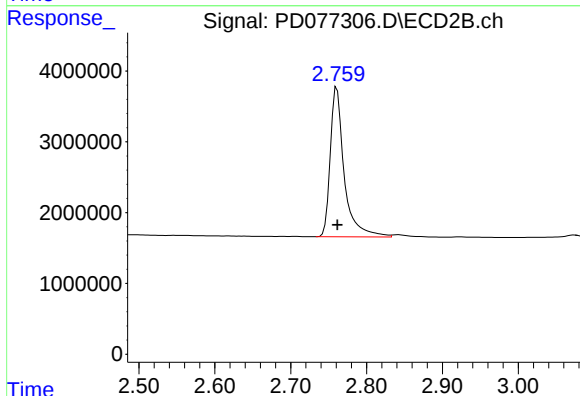
#1 Tetrachloro-m-xylene

R.T.: 3.542 min
Delta R.T.: -0.001 min
Response: 45450142
Conc: 19.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

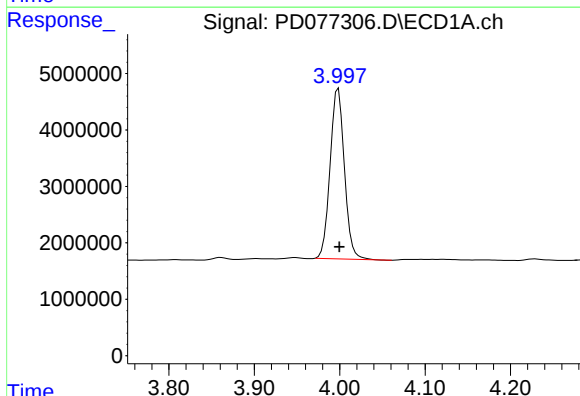
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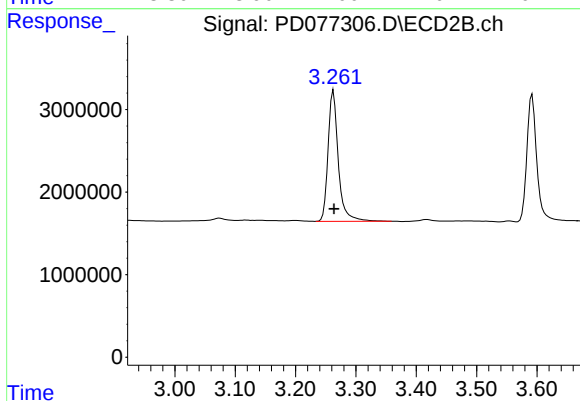
#1 Tetrachloro-m-xylene

R.T.: 2.761 min
Delta R.T.: 0.000 min
Response: 26955903
Conc: 19.79 ng/ml



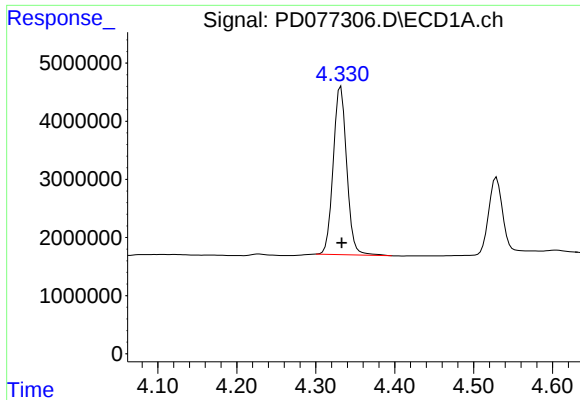
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: -0.001 min
Response: 35289139
Conc: 9.19 ng/ml



#2 alpha-BHC

R.T.: 3.263 min
Delta R.T.: -0.001 min
Response: 18717030
Conc: 9.68 ng/ml



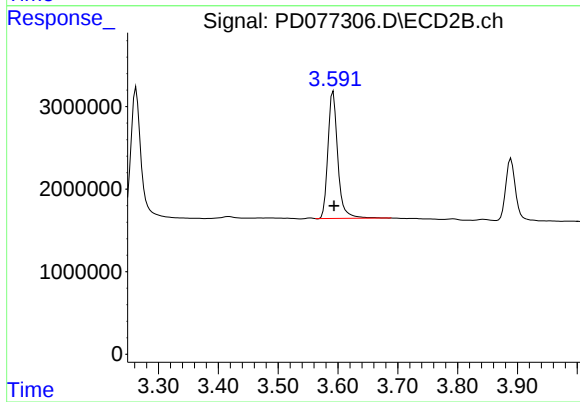
#3 gamma-BHC (Lindane)

R.T.: 4.332 min
Delta R.T.: -0.001 min
Response: 34415079
Conc: 9.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

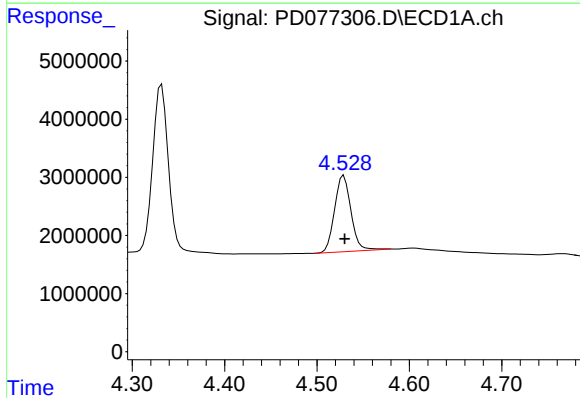
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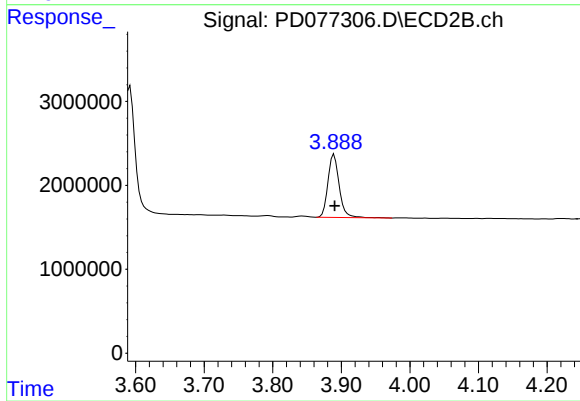
#3 gamma-BHC (Lindane)

R.T.: 3.592 min
Delta R.T.: -0.002 min
Response: 17557796
Conc: 9.44 ng/ml



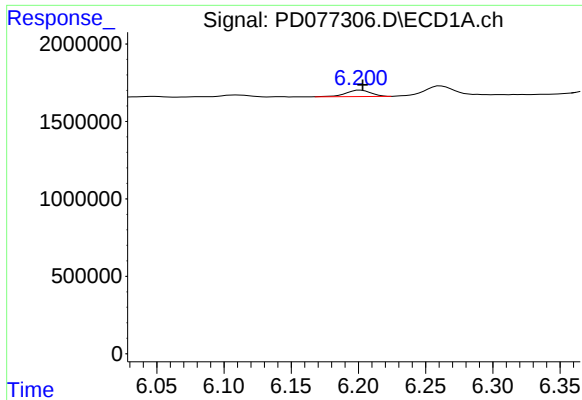
#6 beta-BHC

R.T.: 4.529 min
Delta R.T.: 0.000 min
Response: 16257096
Conc: 10.80 ng/ml



#6 beta-BHC

R.T.: 3.889 min
Delta R.T.: -0.001 min
Response: 8538808
Conc: 11.19 ng/ml



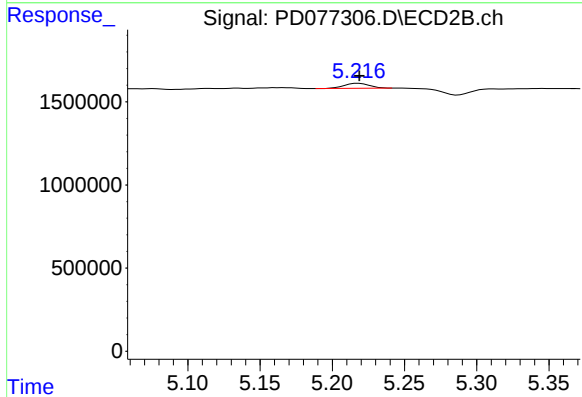
#12 4,4'-DDE

R.T.: 6.201 min
Delta R.T.: -0.002 min
Response: 542044
Conc: 0.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

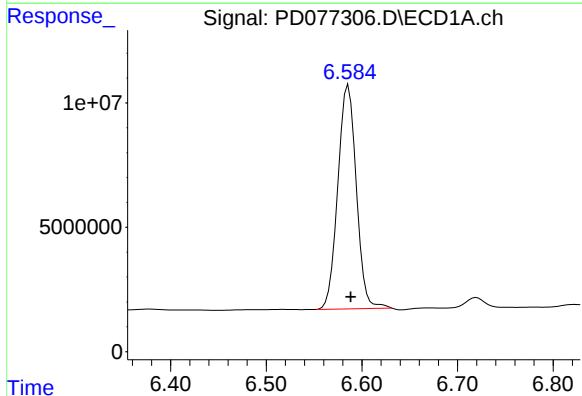
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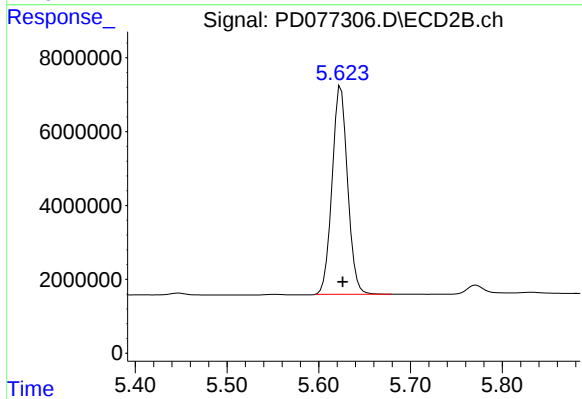
#12 4,4'-DDE

R.T.: 5.216 min
Delta R.T.: -0.002 min
Response: 373310
Conc: 0.26 ng/ml m



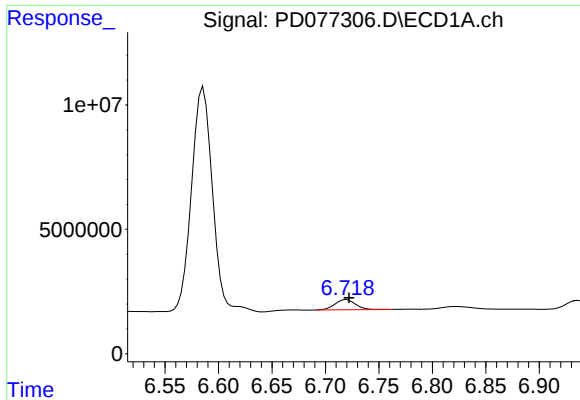
#14 Endrin

R.T.: 6.586 min
Delta R.T.: -0.003 min
Response: 121183179
Conc: 43.61 ng/ml



#14 Endrin

R.T.: 5.624 min
Delta R.T.: -0.002 min
Response: 66339770
Conc: 45.34 ng/ml



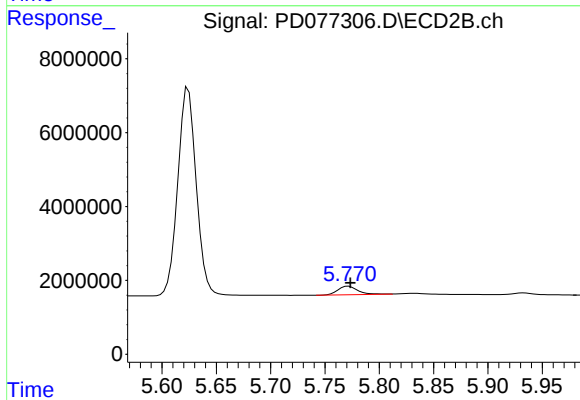
#16 4,4'-DDD

R.T.: 6.720 min
Delta R.T.: -0.003 min
Response: 5627775
Conc: 2.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

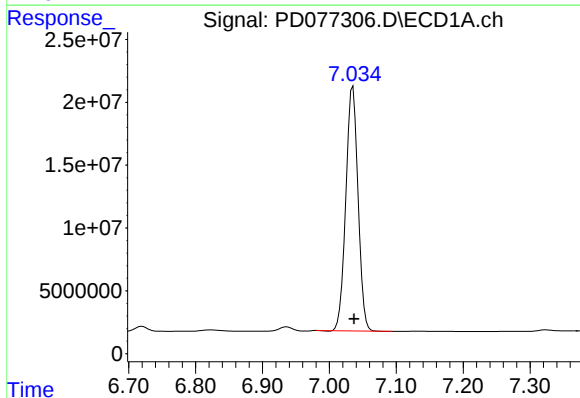
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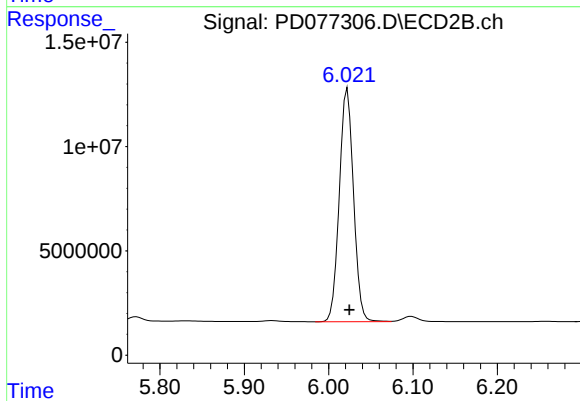
#16 4,4'-DDD

R.T.: 5.772 min
Delta R.T.: -0.002 min
Response: 3015254
Conc: 2.71 ng/ml



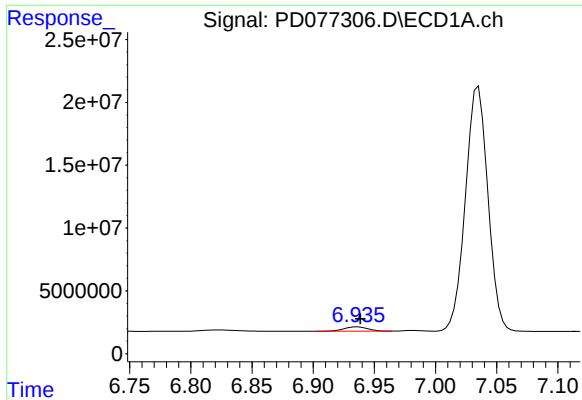
#17 4,4'-DDT

R.T.: 7.035 min
Delta R.T.: -0.002 min
Response: 248045812
Conc: 102.01 ng/ml



#17 4,4'-DDT

R.T.: 6.022 min
Delta R.T.: -0.002 min
Response: 130933883
Conc: 117.79 ng/ml



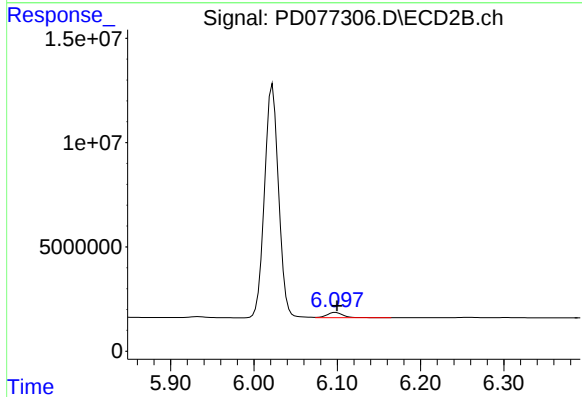
#18 Endrin aldehyde

R.T.: 6.936 min
Delta R.T.: -0.003 min
Response: 4685496
Conc: 2.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

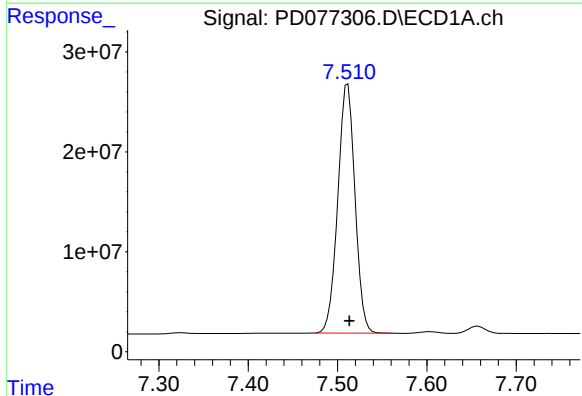
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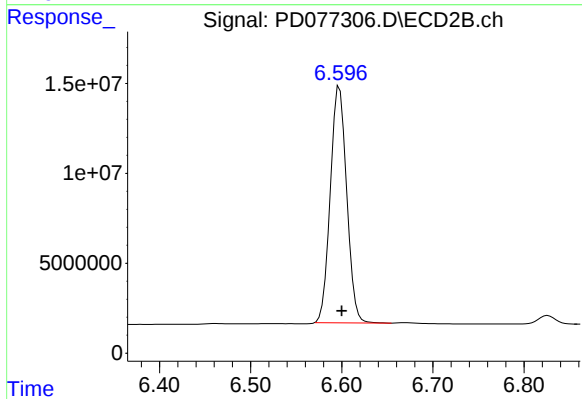
#18 Endrin aldehyde

R.T.: 6.098 min
Delta R.T.: -0.002 min
Response: 3431040
Conc: 3.01 ng/ml



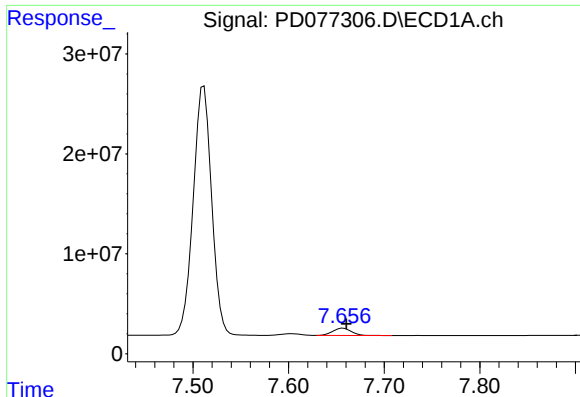
#20 Methoxychlor

R.T.: 7.511 min
Delta R.T.: -0.002 min
Response: 332676294
Conc: 234.80 ng/ml



#20 Methoxychlor

R.T.: 6.597 min
Delta R.T.: -0.003 min
Response: 164076486
Conc: 274.40 ng/ml



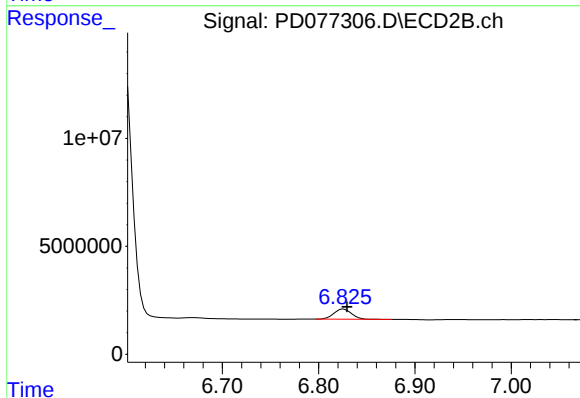
#21 Endrin ketone

R.T.: 7.657 min
Delta R.T.: -0.003 min
Response: 9773967
Conc: 3.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

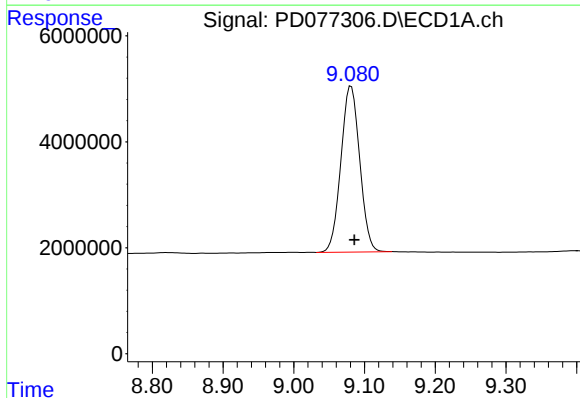
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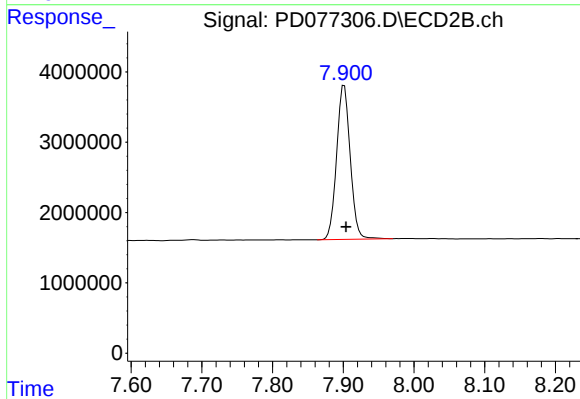
#21 Endrin ketone

R.T.: 6.826 min
Delta R.T.: -0.003 min
Response: 6060663
Conc: 3.82 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.081 min
Delta R.T.: -0.005 min
Response: 57874594
Conc: 21.12 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.901 min
Delta R.T.: -0.003 min
Response: 29318477
Conc: 20.49 ng/ml