

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071023\
 Data File : PD076468.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Jul 2023 22:42
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/11/2023
 Supervised By : Ankita Jodhani 07/11/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 11 06:21:41 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD070423.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 05 05:21:22 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...	3.564f	2.764	46679268	24061221	14.247	15.147
28)	SA Decachlor...	9.106f	7.907	52752273	23693099	14.837	18.826 #
Target Compounds							
2)	A alpha-BHC	4.021f	3.266	37793919	16932162	6.525	7.027
3)	MA gamma-BHC...	4.354f	3.596	36053393	15593672	6.886	7.004
6)	B beta-BHC	4.551f	3.893	16024240	7833169	7.645	8.808
14)	MA Endrin	6.608f	5.629	131.5E6	63788876	33.022m	36.139
16)	A 4,4'-DDD	6.742f	5.777	2629806	1728649	0.783	1.430 #
17)	MA 4,4'-DDT	7.058f	6.028	267.4E6	117.5E6	76.051	97.110 #
18)	B Endrin al...	6.958f	6.104	3443563	2427368	1.256	2.124 #
20)	A Methoxychlor	7.532f	6.604	362.0E6	153.9E6	189.412m	240.915 #
21)	B Endrin ke...	7.680f	6.832	7085813	3761775	1.697	2.152 #

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

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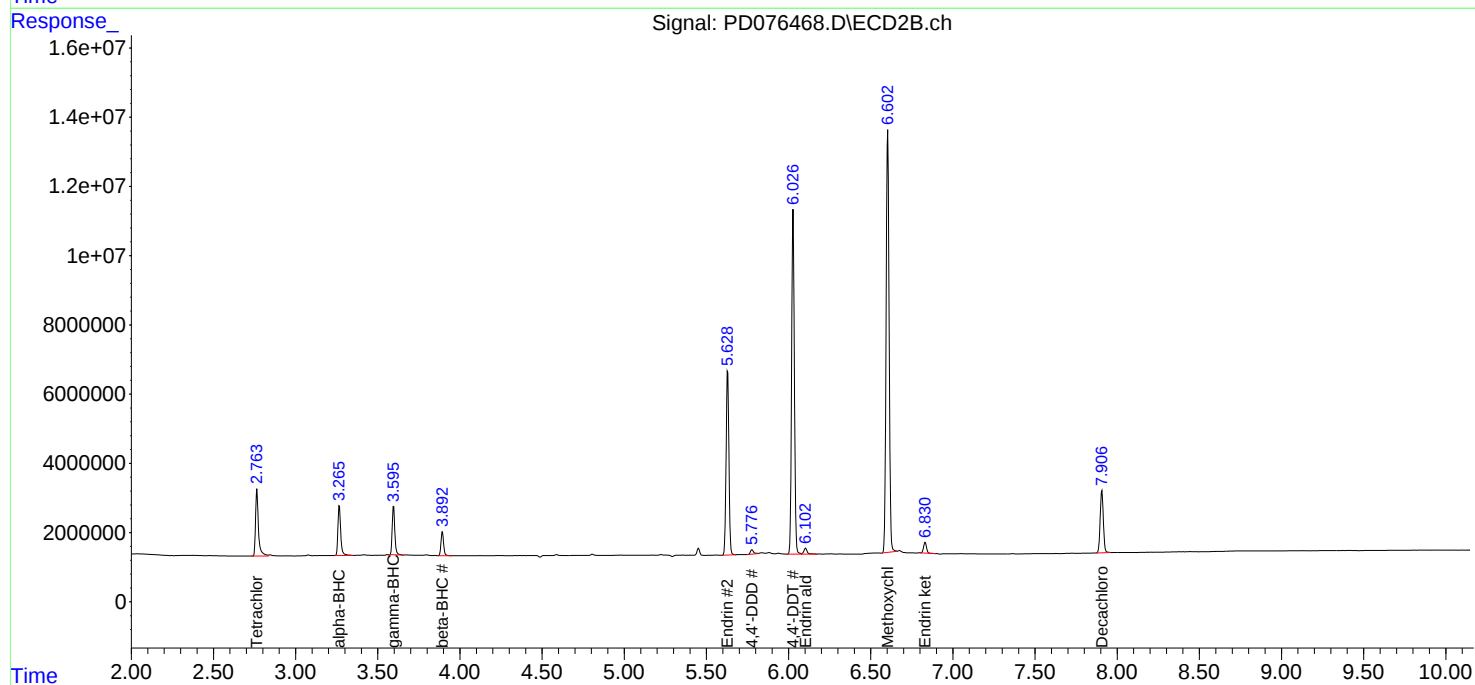
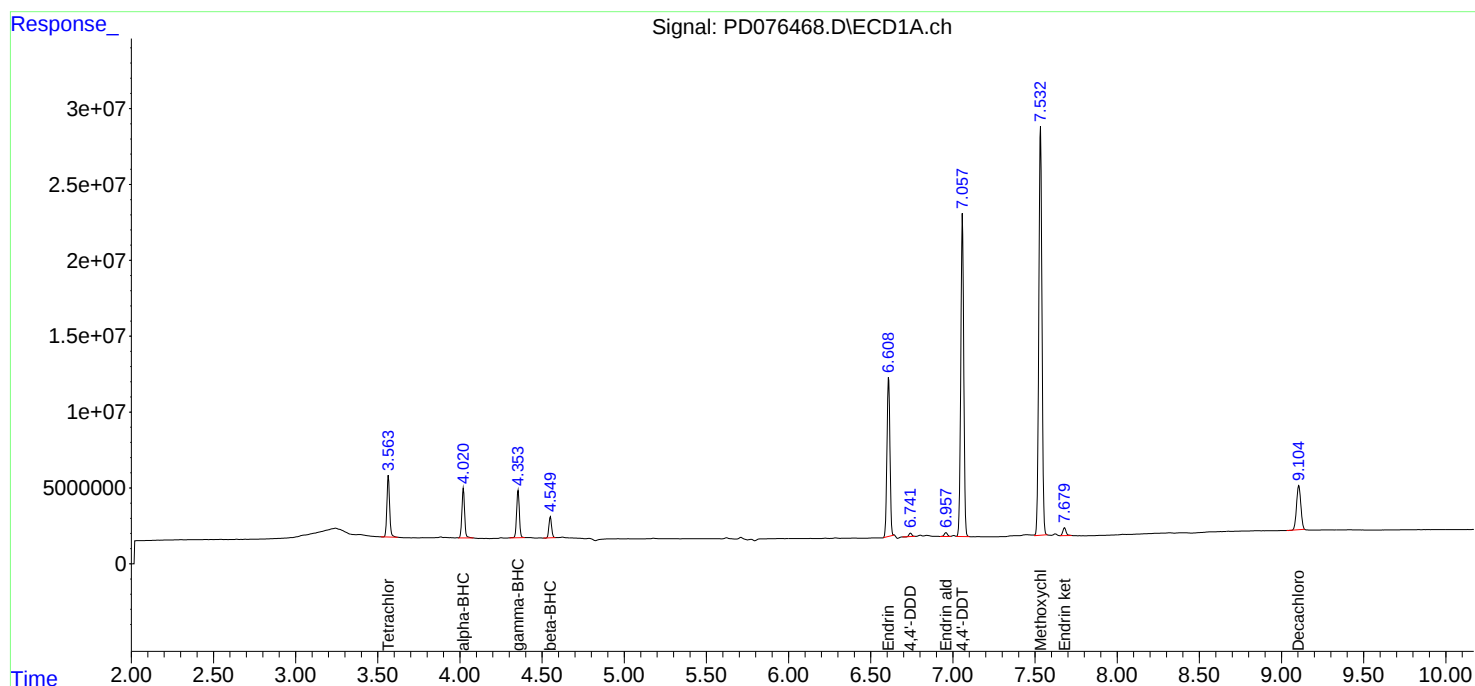
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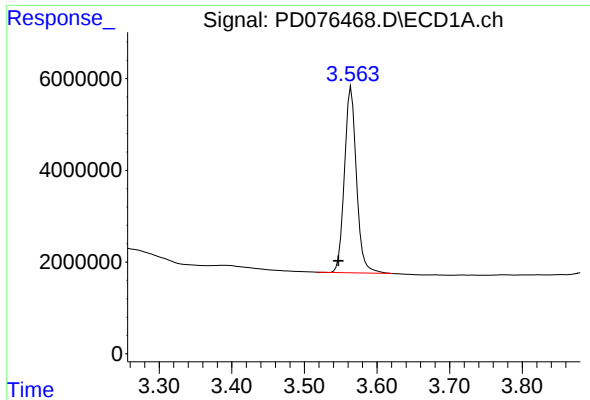
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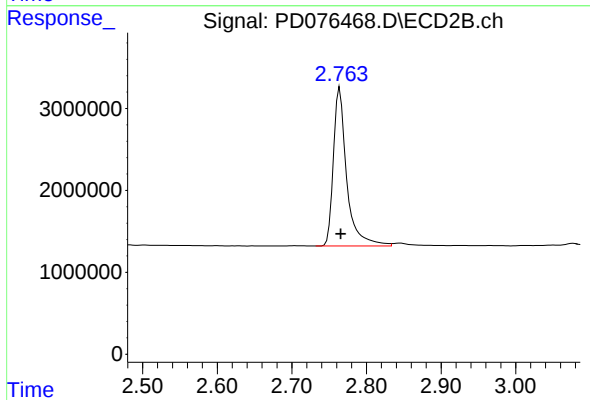
#1 Tetrachloro-m-xylene

R.T.: 3.564 min
Delta R.T.: 0.017 min
Response: 46679268
Conc: 14.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

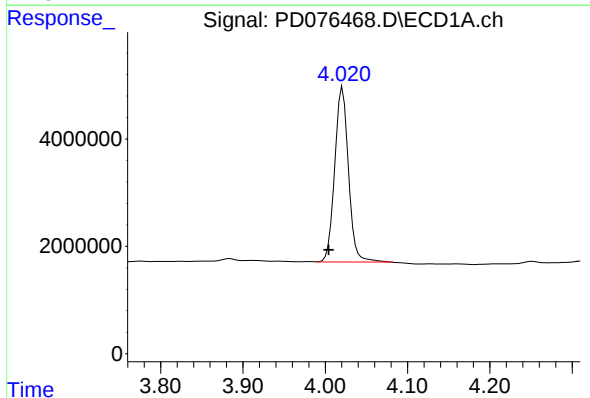
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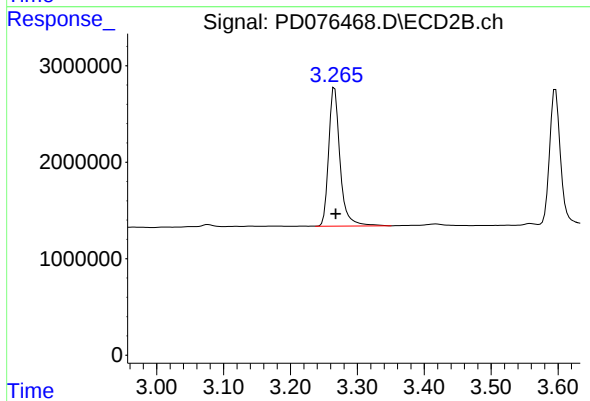
#1 Tetrachloro-m-xylene

R.T.: 2.764 min
Delta R.T.: 0.000 min
Response: 24061221
Conc: 15.15 ng/ml



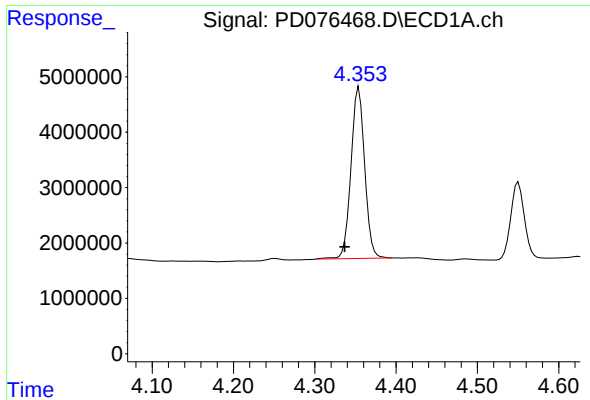
#2 alpha-BHC

R.T.: 4.021 min
Delta R.T.: 0.017 min
Response: 37793919
Conc: 6.53 ng/ml



#2 alpha-BHC

R.T.: 3.266 min
Delta R.T.: -0.001 min
Response: 16932162
Conc: 7.03 ng/ml



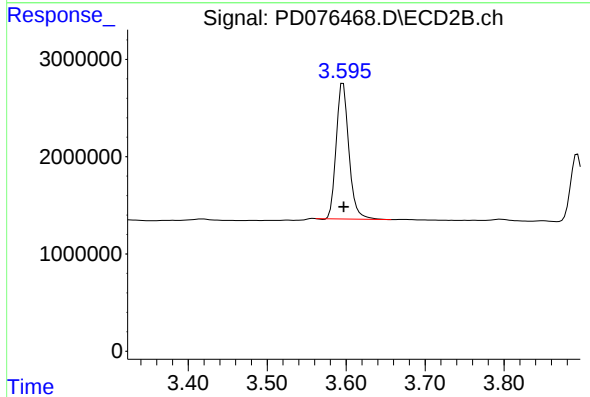
#3 gamma-BHC (Lindane)

R.T.: 4.354 min
Delta R.T.: 0.017 min
Response: 36053393
Conc: 6.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

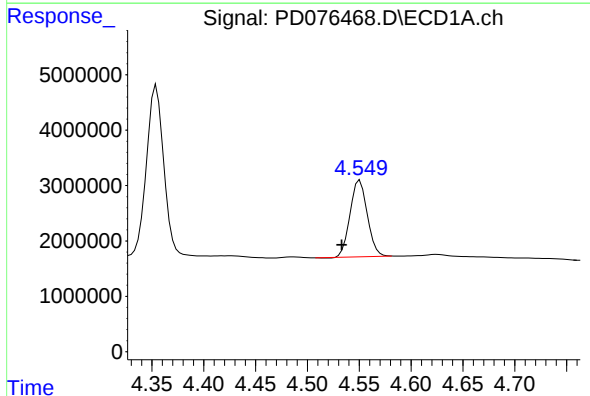
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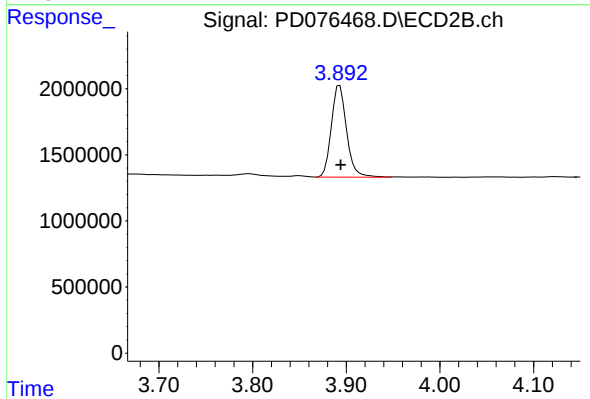
#3 gamma-BHC (Lindane)

R.T.: 3.596 min
Delta R.T.: 0.000 min
Response: 15593672
Conc: 7.00 ng/ml



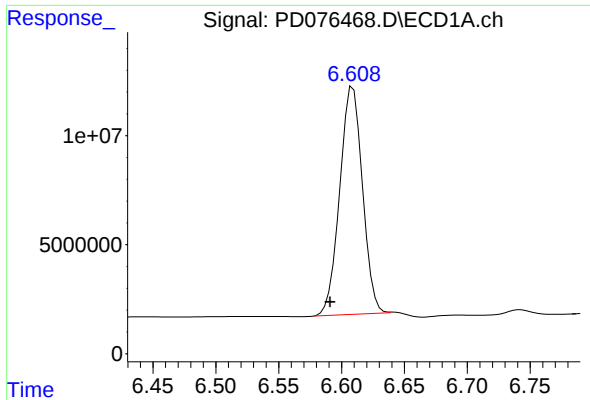
#6 beta-BHC

R.T.: 4.551 min
Delta R.T.: 0.018 min
Response: 16024240
Conc: 7.65 ng/ml



#6 beta-BHC

R.T.: 3.893 min
Delta R.T.: 0.000 min
Response: 7833169
Conc: 8.81 ng/ml



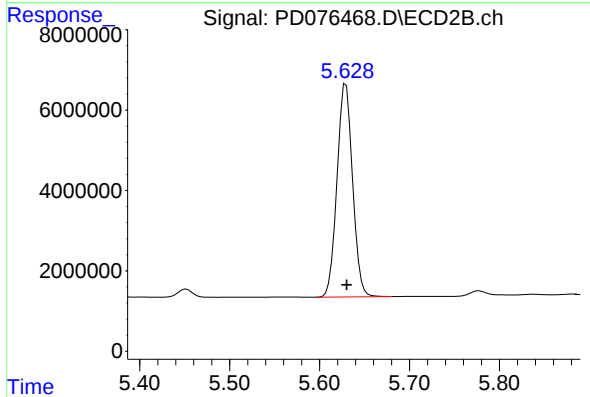
#14 Endrin

R.T.: 6.608 min
Delta R.T.: 0.017 min
Response: 131471732
Conc: 33.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

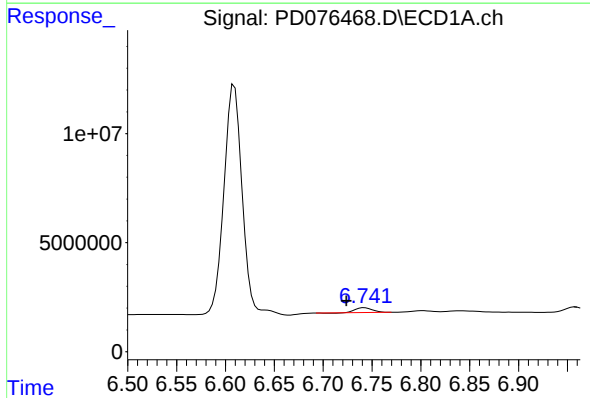
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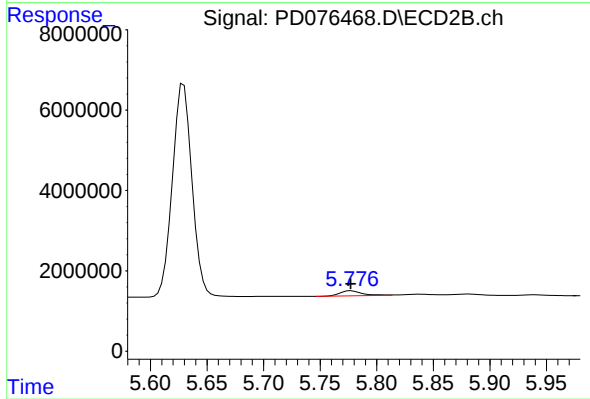
#14 Endrin

R.T.: 5.629 min
Delta R.T.: 0.000 min
Response: 63788876
Conc: 36.14 ng/ml



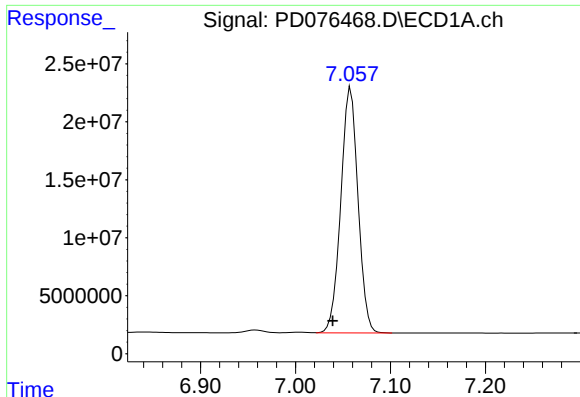
#16 4,4'-DDD

R.T.: 6.742 min
Delta R.T.: 0.018 min
Response: 2629806
Conc: 0.78 ng/ml



#16 4,4'-DDD

R.T.: 5.777 min
Delta R.T.: 0.000 min
Response: 1728649
Conc: 1.43 ng/ml



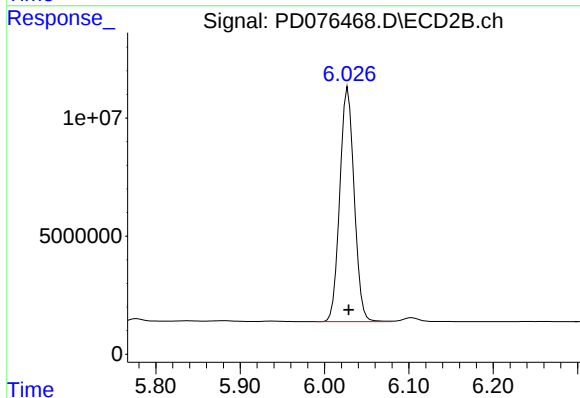
#17 4,4'-DDT

R.T.: 7.058 min
Delta R.T.: 0.019 min
Response: 267394603
Conc: 76.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

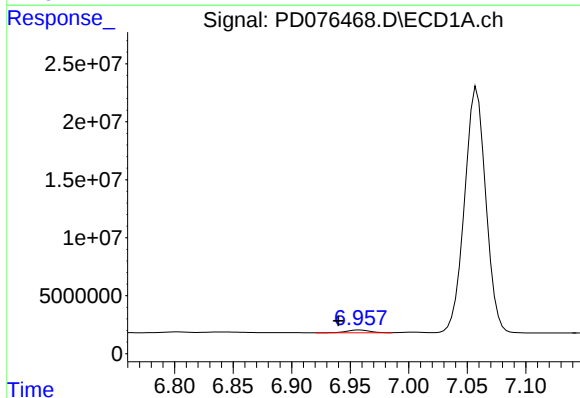
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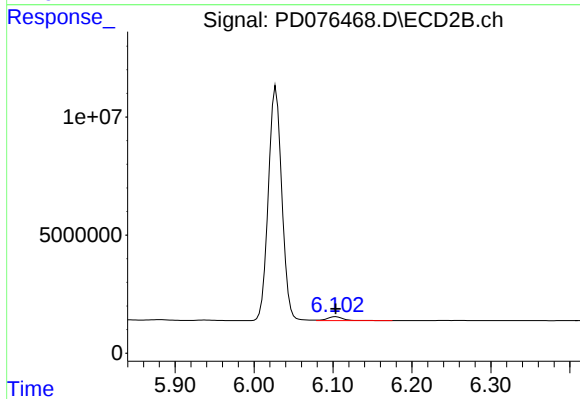
#17 4,4'-DDT

R.T.: 6.028 min
Delta R.T.: 0.000 min
Response: 117531194
Conc: 97.11 ng/ml



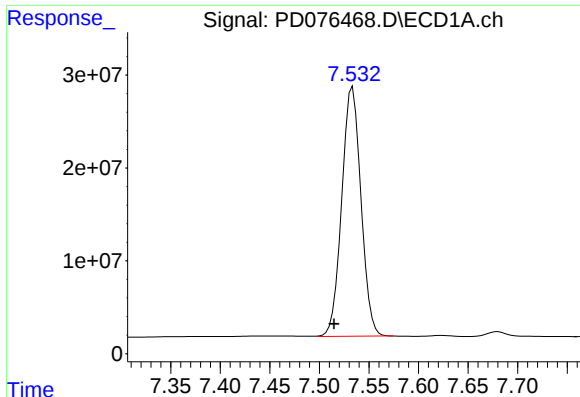
#18 Endrin aldehyde

R.T.: 6.958 min
Delta R.T.: 0.018 min
Response: 3443563
Conc: 1.26 ng/ml



#18 Endrin aldehyde

R.T.: 6.104 min
Delta R.T.: 0.000 min
Response: 2427368
Conc: 2.12 ng/ml



#20 Methoxychlor

R.T.: 7.532 min
Delta R.T.: 0.017 min
Response: 362017329
Conc: 189.41 ng/ml

Instrument :

ECD_D

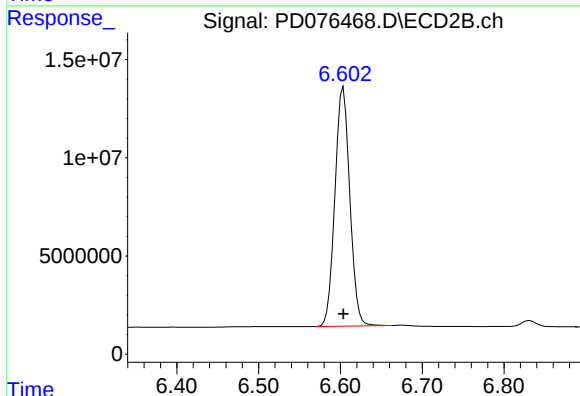
ClientSampleId :

PEM

Manual Integrations

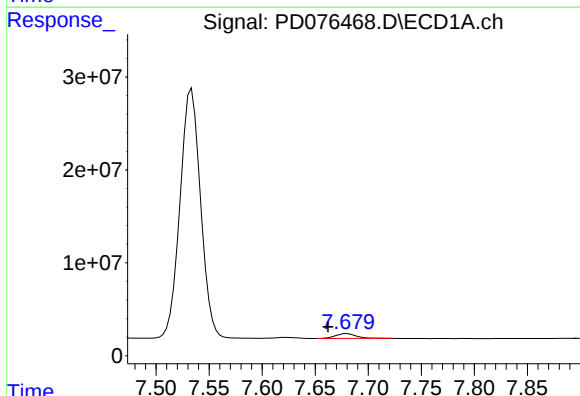
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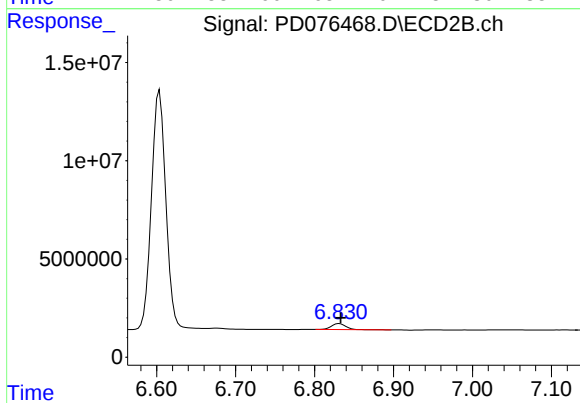
#20 Methoxychlor

R.T.: 6.604 min
Delta R.T.: 0.000 min
Response: 153850174
Conc: 240.92 ng/ml



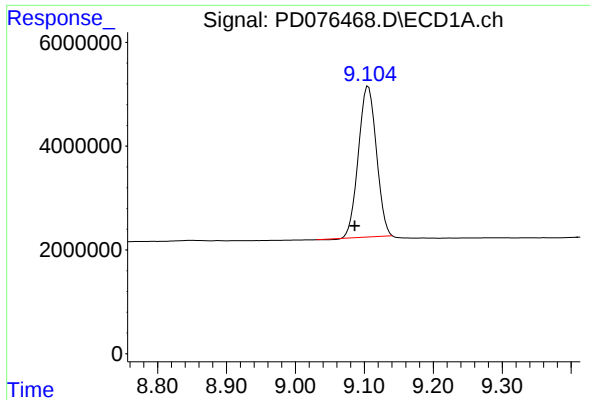
#21 Endrin ketone

R.T.: 7.680 min
Delta R.T.: 0.018 min
Response: 7085813
Conc: 1.70 ng/ml



#21 Endrin ketone

R.T.: 6.832 min
Delta R.T.: -0.002 min
Response: 3761775
Conc: 2.15 ng/ml



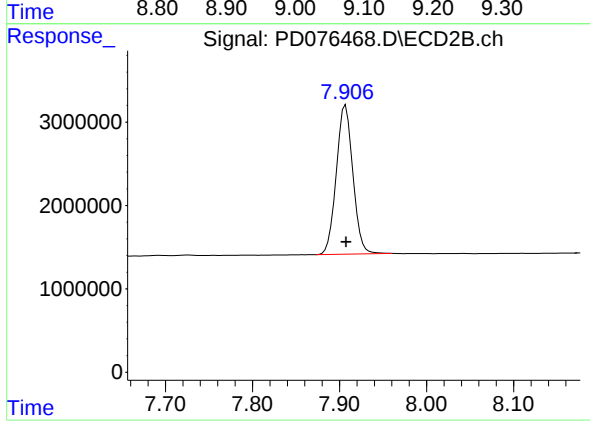
#28 Decachlorobiphenyl

R.T.: 9.106 min
Delta R.T.: 0.020 min
Response: 52752273
Conc: 14.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.907 min
Delta R.T.: 0.000 min
Response: 23693099
Conc: 18.83 ng/ml