Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051322\
Data File : PD069591.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 May 2022 17:12
Operator : AR\AJ
Sample : N2776-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
CF-280MER-10-15

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 05/12/2022
Supervised By :mohammad ahmed 05/12/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 12 01:50:20 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041622.M
Quant Title : GC Extractables
QLast Update : Mon Apr 18 13:40:55 2022
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...	3.443	4.171	14716421	146.8E6	13.257	13.692
28)	SA Decachlor...	8.195	9.362	16673339	101.9E6	13.353	15.575
	Target Compounds						
4)	MA Heptachlor	4.462	5.385	1271171	8323025	0.857	0.609 #
5)	MB Aldrin	4.709	5.697	1057951	10544372	0.726m	0.798
10)	B gamma-Chl...	5.381	6.321	919250	28206794	0.661m	2.422m#
11)	B alpha-Chl...	5.437	6.397	3330635	73294822	2.422	6.408m#
12)	B 4,4'-DDE	5.602	6.546	3157064	36512871	2.495m	3.380 #
16)	A 4,4'-DDD	6.119	7.042	464183	4868199	0.426	0.565m#
17)	MA 4,4'-DDT	6.358	7.338	2305607	16811375	2.144	1.938m

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

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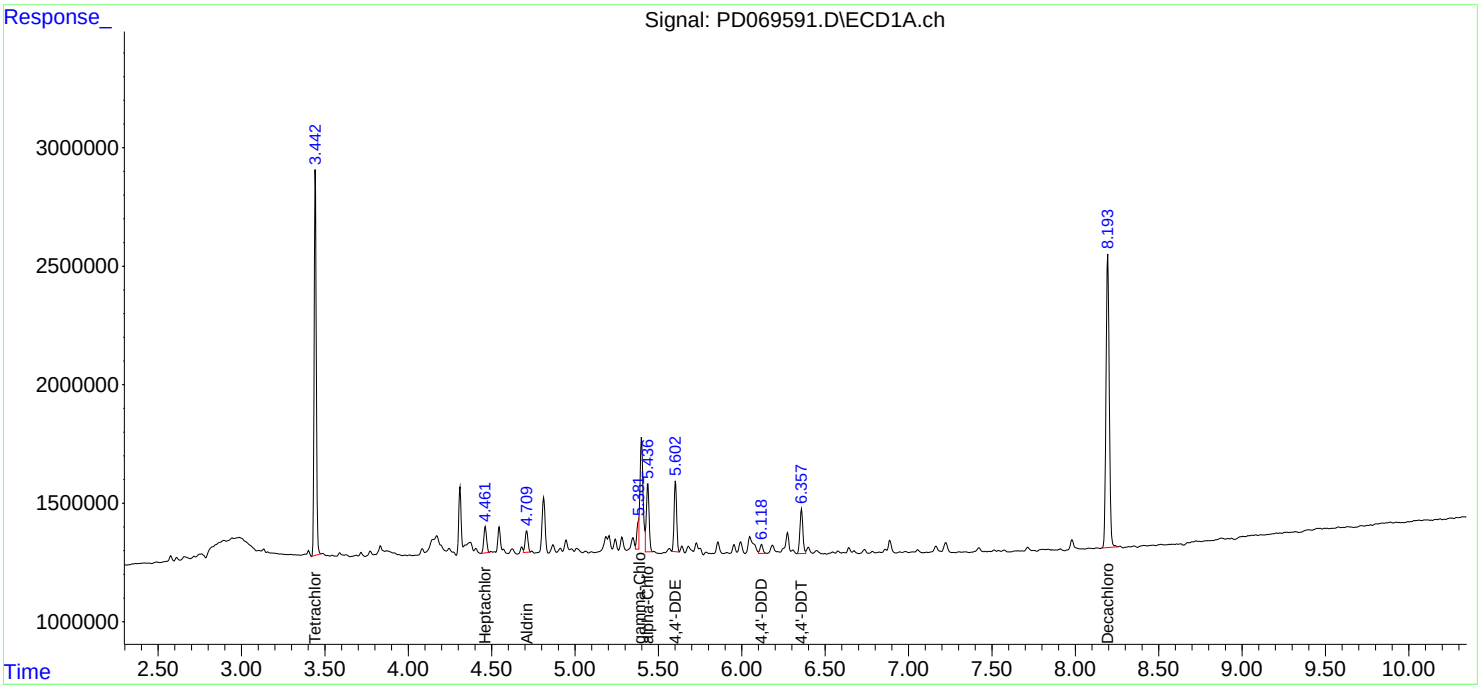

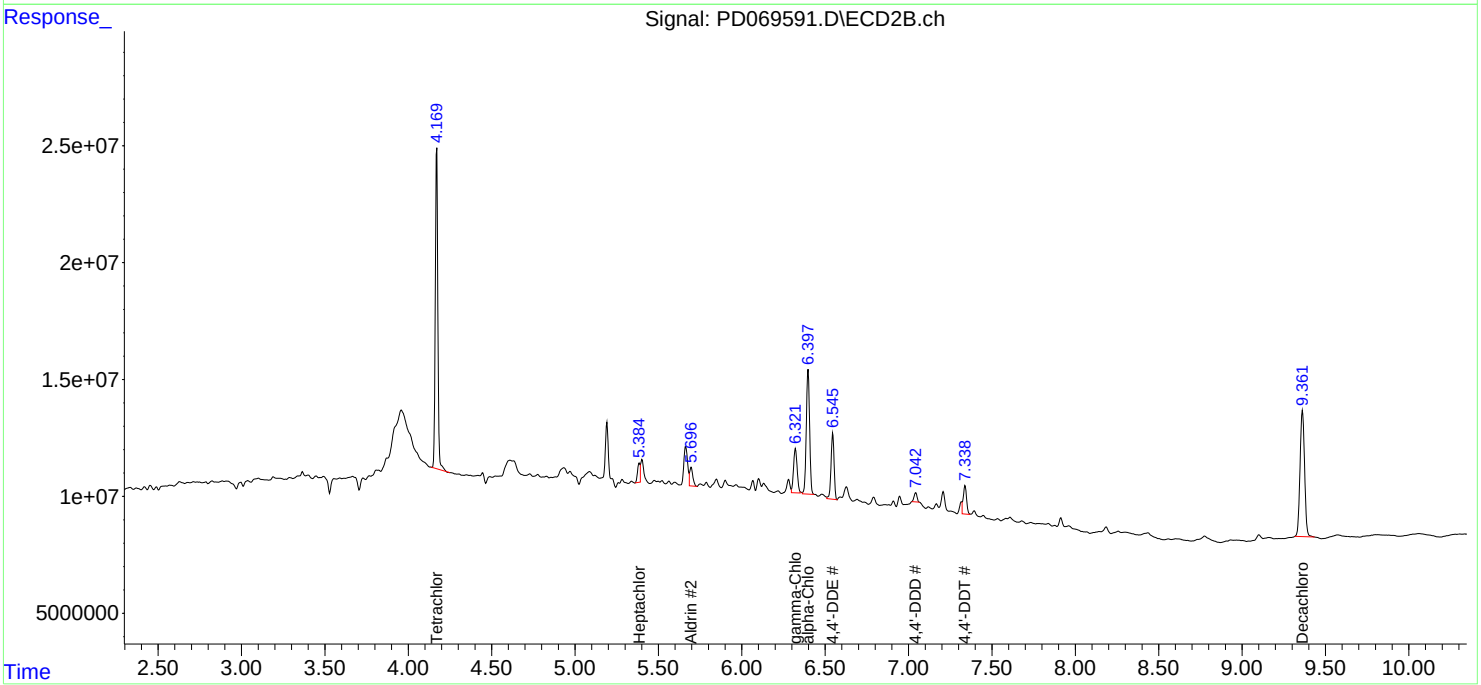

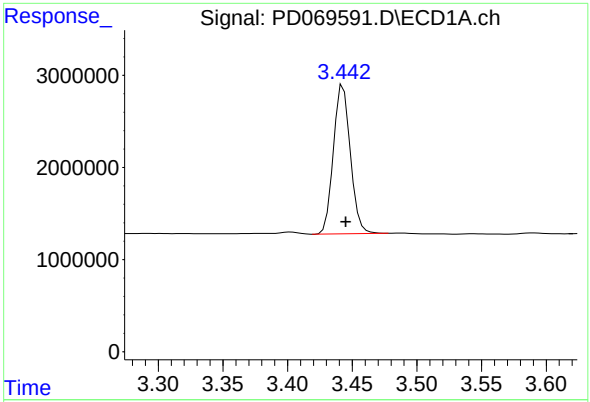

#1 Tetrachloro-m-xylene

R.T.: 3.443 min
Delta R.T.: -0.002 min
Response: 14716421
Conc: 13.26 ng/ml

Instrument :
ECD_D
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Manual Integrations
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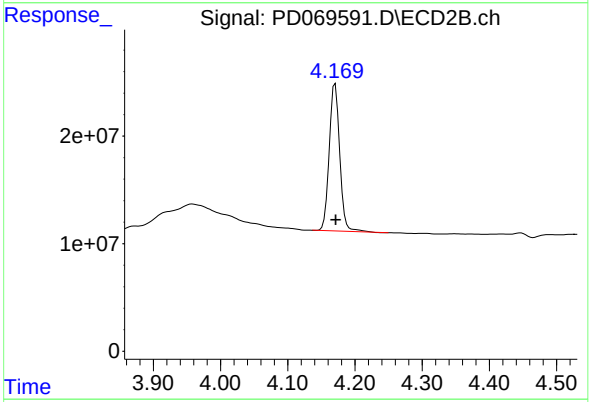
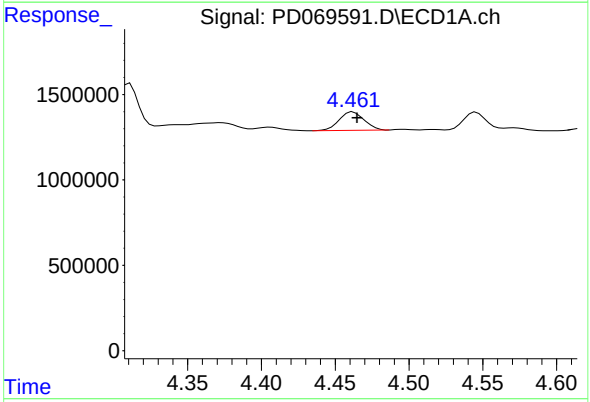


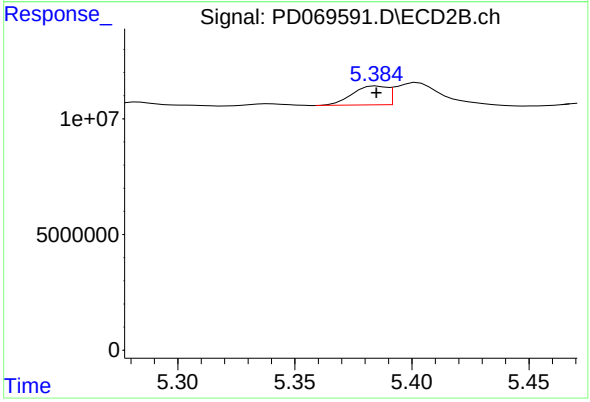
#1 Tetrachloro-m-xylene

R.T.: 4.171 min
Delta R.T.: 0.000 min
Response: 146804780
Conc: 13.69 ng/ml



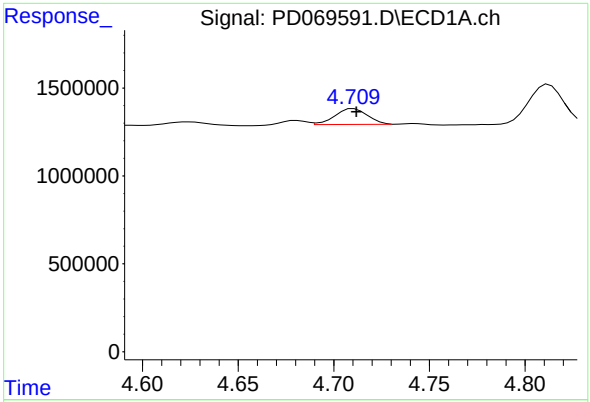
#4 Heptachlor

R.T.: 4.462 min
Delta R.T.: -0.003 min
Response: 1271171
Conc: 0.86 ng/ml



#4 Heptachlor

R.T.: 5.385 min
Delta R.T.: 0.000 min
Response: 8323025
Conc: 0.61 ng/ml



#5 Aldrin

R.T.: 4.709 min
Delta R.T.: -0.003 min
Response: 1057951
Conc: 0.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
CF-280MER-10-15

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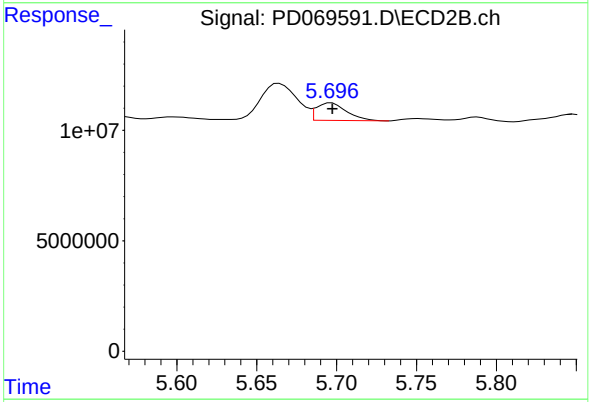
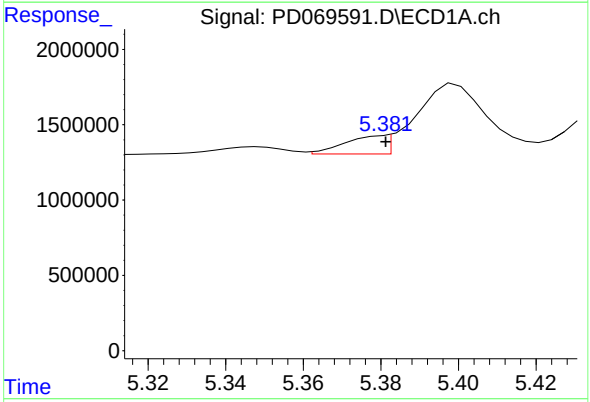


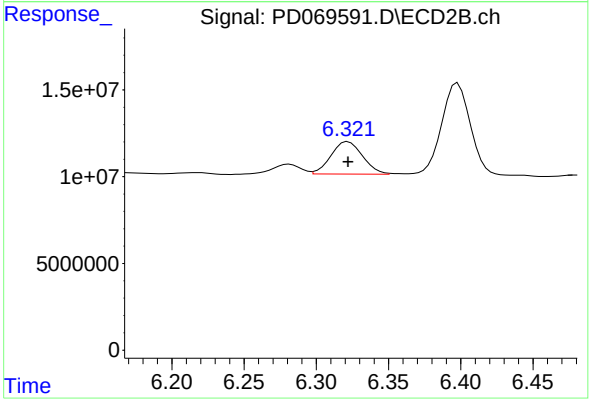
#5 Aldrin

R.T.: 5.697 min
Delta R.T.: 0.000 min
Response: 10544372
Conc: 0.80 ng/ml



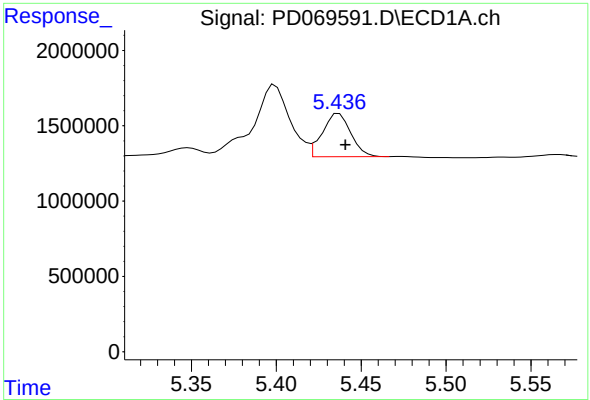
#10 gamma-Chlordane

R.T.: 5.381 min
Delta R.T.: 0.000 min
Response: 919250
Conc: 0.66 ng/ml m



#10 gamma-Chlordane

R.T.: 6.321 min
Delta R.T.: -0.001 min
Response: 28206794
Conc: 2.42 ng/ml m



#11 alpha-Chlordane

R.T.: 5.437 min
Delta R.T.: -0.004 min
Response: 3330635
Conc: 2.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
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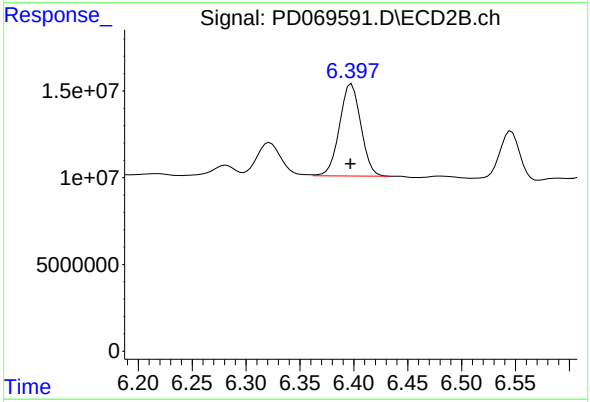
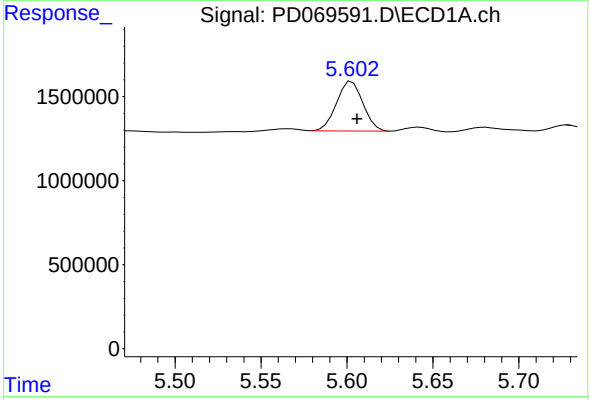


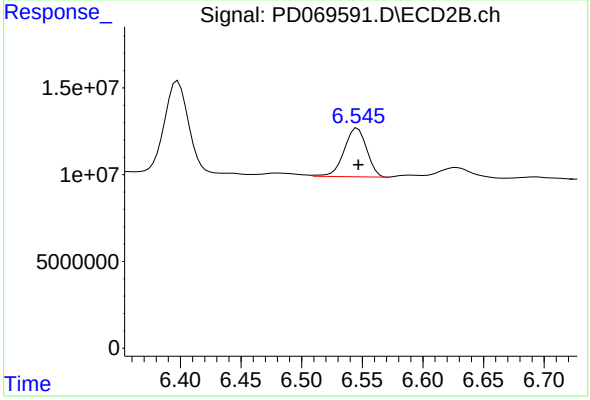
#11 alpha-Chlordane

R.T.: 6.397 min
Delta R.T.: 0.000 min
Response: 73294822
Conc: 6.41 ng/ml m



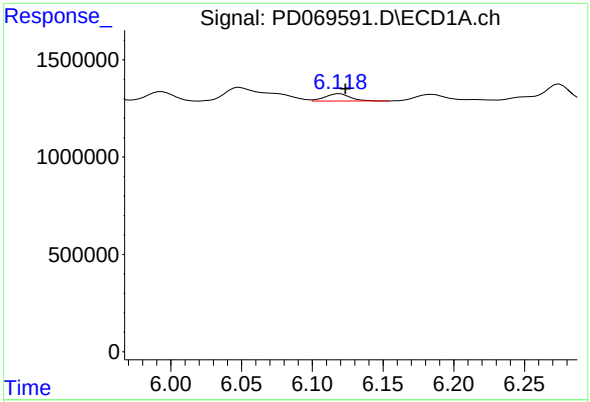
#12 4,4'-DDE

R.T.: 5.602 min
Delta R.T.: -0.004 min
Response: 3157064
Conc: 2.50 ng/ml m



#12 4,4'-DDE

R.T.: 6.546 min
Delta R.T.: 0.000 min
Response: 36512871
Conc: 3.38 ng/ml



#16 4,4'-DDD

R.T.: 6.119 min
Delta R.T.: -0.004 min
Response: 464183
Conc: 0.43 ng/ml

Instrument :
ECD_D
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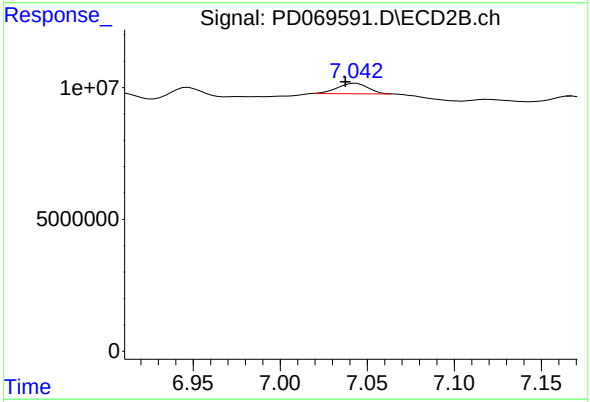
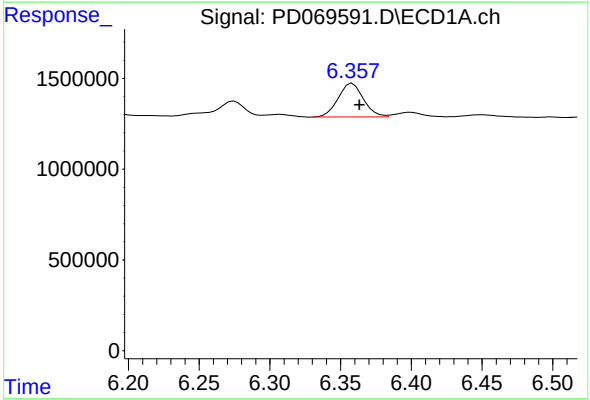


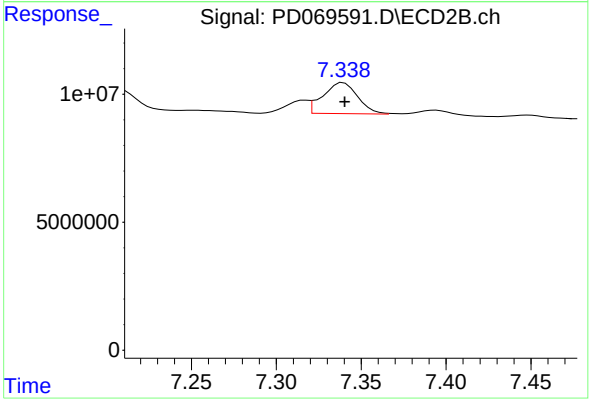
#16 4,4'-DDD

R.T.: 7.042 min
Delta R.T.: 0.005 min
Response: 4868199
Conc: 0.57 ng/ml m



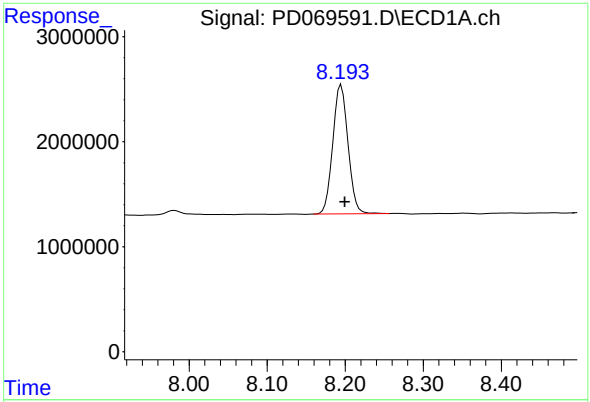
#17 4,4'-DDT

R.T.: 6.358 min
Delta R.T.: -0.005 min
Response: 2305607
Conc: 2.14 ng/ml



#17 4,4'-DDT

R.T.: 7.338 min
Delta R.T.: -0.002 min
Response: 16811375
Conc: 1.94 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.195 min
Delta R.T.: -0.004 min
Response: 16673339
Conc: 13.35 ng/ml

Instrument :
ECD_D
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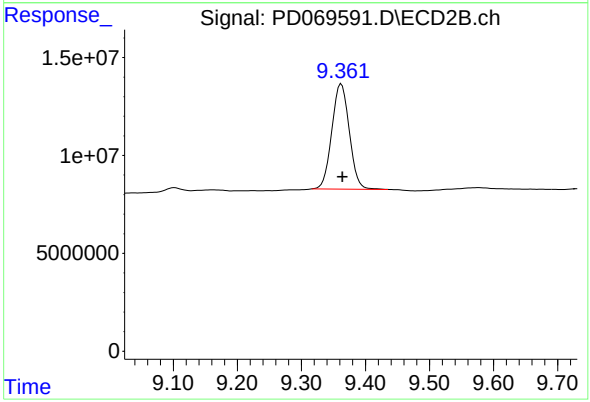

#28 Decachlorobiphenyl

R.T.: 9.362 min
Delta R.T.: -0.002 min
Response: 101924839
Conc: 15.58 ng/ml