

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD050125\
 Data File : PD088367.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 May 2025 11:42
 Operator : AR\AJ
 Sample : Q1910-01DL 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 MOO-25-0123-27DL

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/02/2025
 Supervised By :mohammad ahmed 05/05/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 02 01:30:23 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041825.M
 Quant Title : GC Extractables
 QLast Update : Sat Apr 19 06:32:27 2025
 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...	3.555	2.879	18223635	105.9E6	9.124m	7.240m
28) SA Decachlor...	9.081	8.075	30790004	139.3E6	9.307m	7.537m
Target Compounds						
8) B Heptachlo...	5.695	4.875	17488014	87384952	4.893m	4.625
10) B gamma-Chl...	5.954	5.129	172.4E6	419.6E6	47.590	20.673 #
11) B alpha-Chl...	6.041	5.192	346.1E6	582.4E6	95.875	29.708 #
12) B 4,4'-DDE	6.202	5.376	36169797	215.9E6	10.966m	10.962m
13) MA Dieldrin	6.351	5.513	2825019	60173585	0.792m	3.019m#
17) MA 4,4'-DDT	7.027	6.185	37045749	248.1E6	13.338m	14.583m

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

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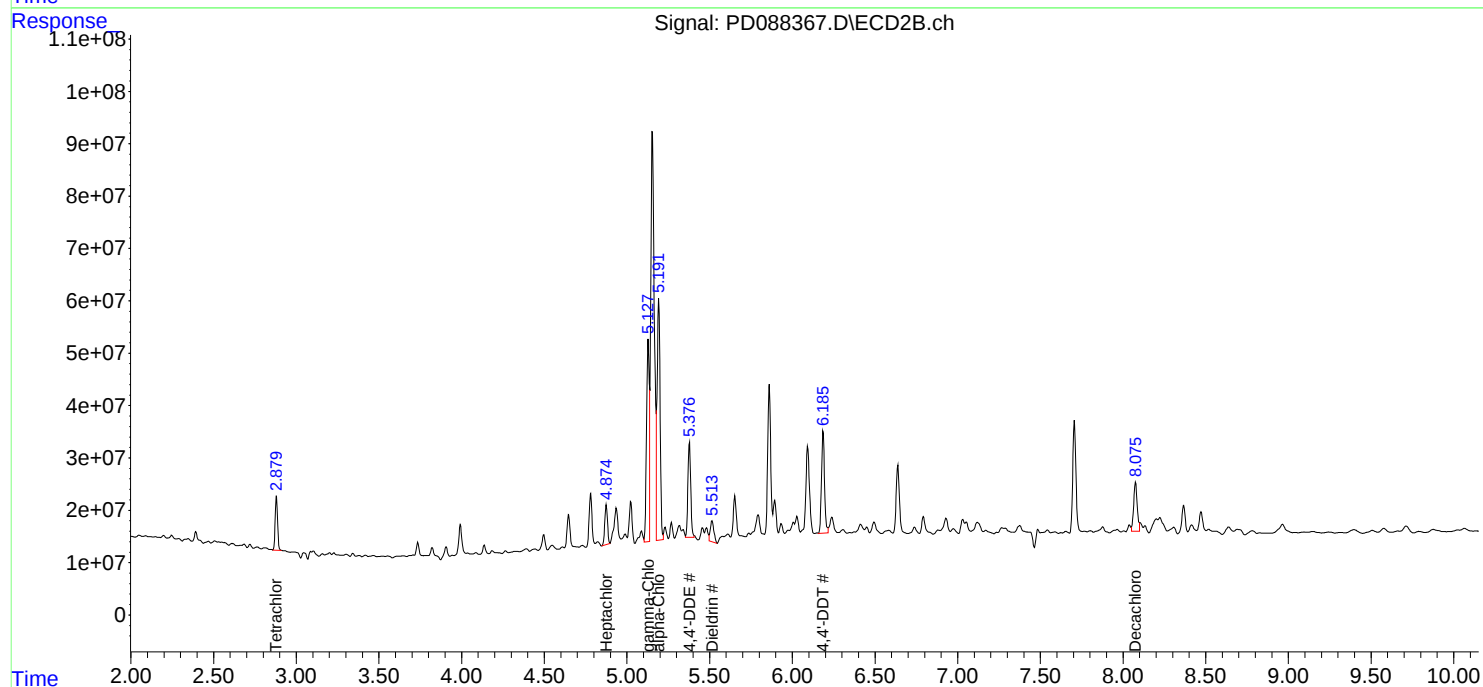
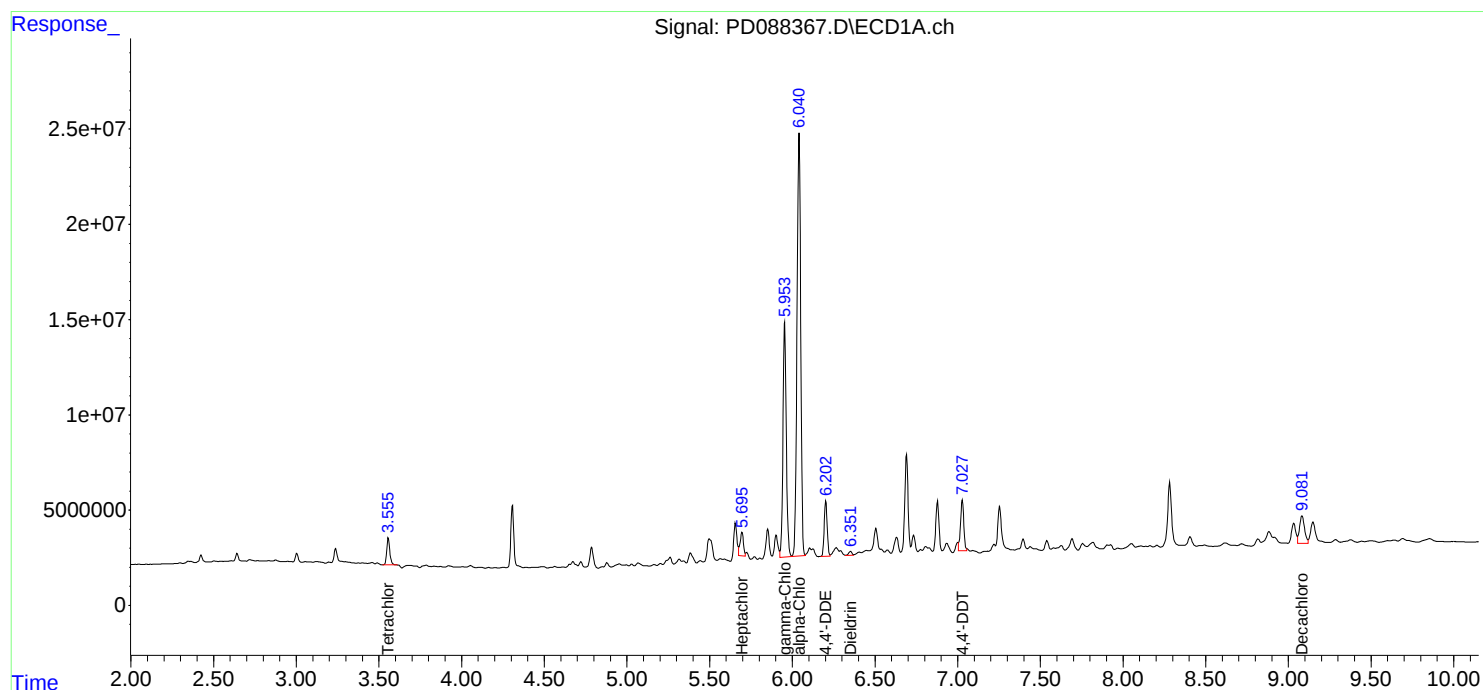
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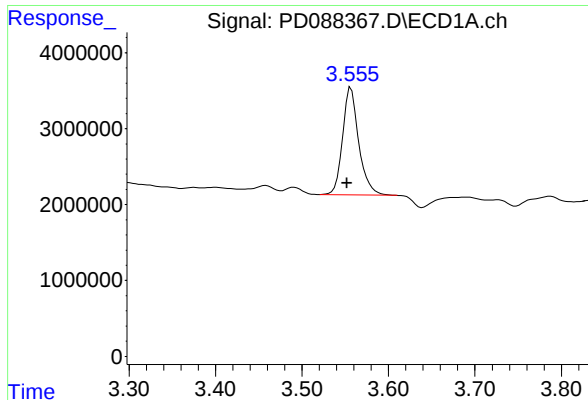
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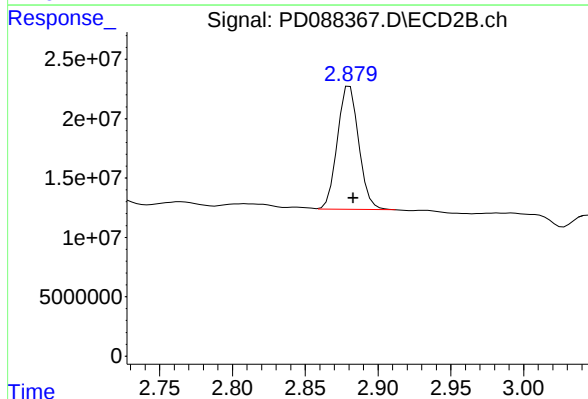
#1 Tetrachloro-m-xylene

R.T.: 3.555 min
Delta R.T.: 0.003 min
Response: 18223635
Conc: 9.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
MOO-25-0123-27DL

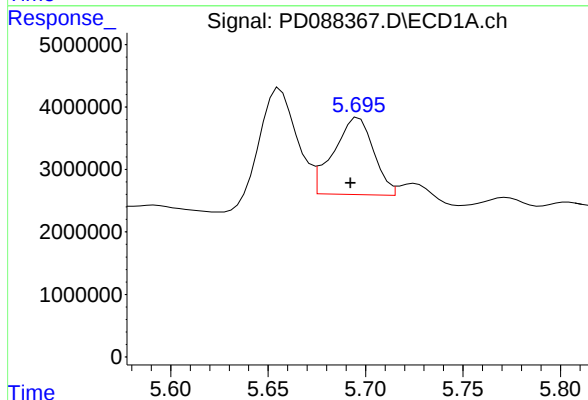
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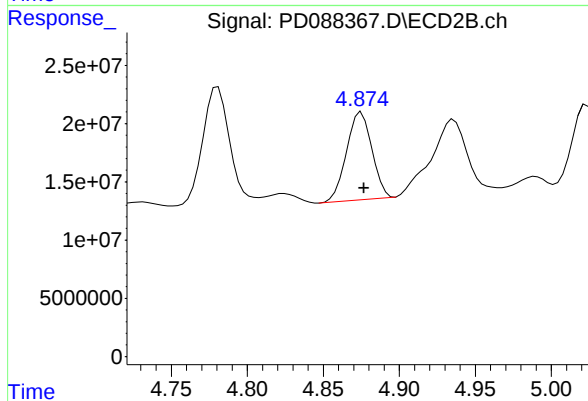
#1 Tetrachloro-m-xylene

R.T.: 2.879 min
Delta R.T.: -0.004 min
Response: 105854626
Conc: 7.24 ng/ml



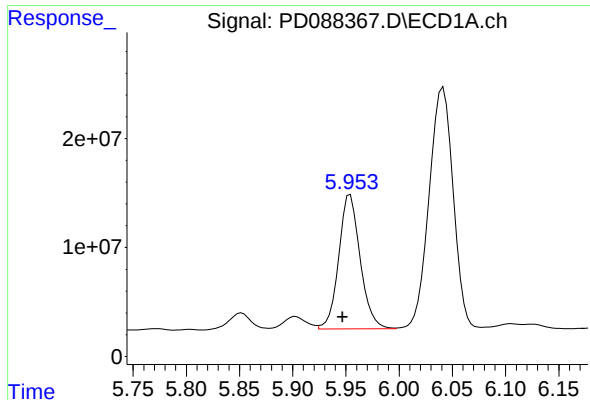
#8 Heptachlor epoxide

R.T.: 5.695 min
Delta R.T.: 0.003 min
Response: 17488014
Conc: 4.89 ng/ml



#8 Heptachlor epoxide

R.T.: 4.875 min
Delta R.T.: -0.002 min
Response: 87384952
Conc: 4.62 ng/ml



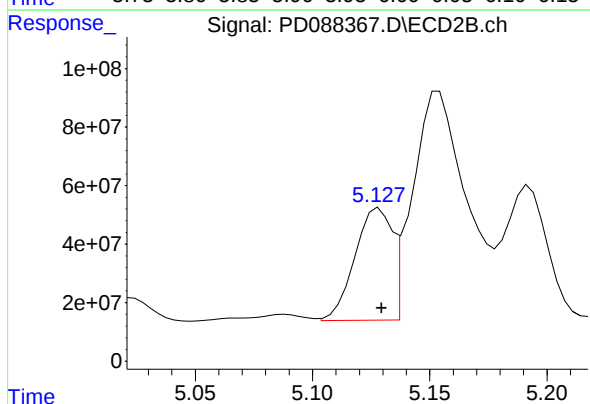
#10 gamma-Chlordane

R.T.: 5.954 min
Delta R.T.: 0.007 min
Response: 172373358
Conc: 47.59 ng/ml

Instrument :
ECD_D
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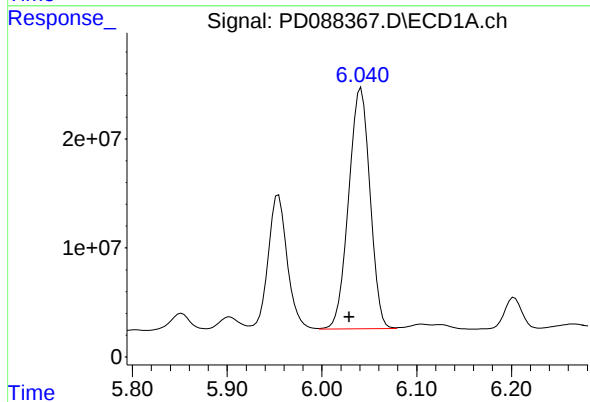
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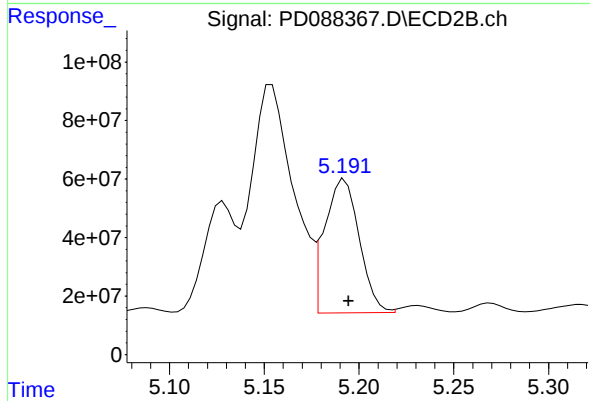
#10 gamma-Chlordane

R.T.: 5.129 min
Delta R.T.: 0.000 min
Response: 419579004
Conc: 20.67 ng/ml



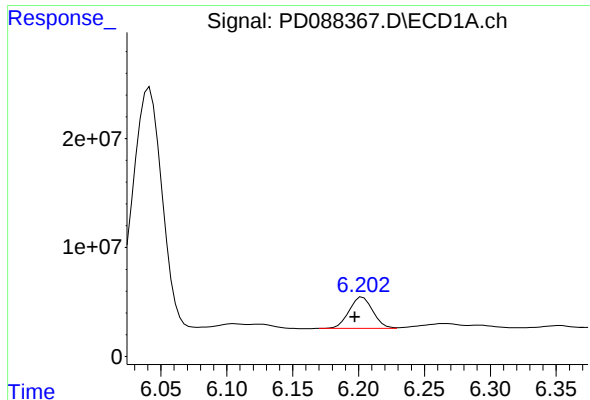
#11 alpha-Chlordane

R.T.: 6.041 min
Delta R.T.: 0.013 min
Response: 346069304
Conc: 95.88 ng/ml



#11 alpha-Chlordane

R.T.: 5.192 min
Delta R.T.: -0.002 min
Response: 582359680
Conc: 29.71 ng/ml



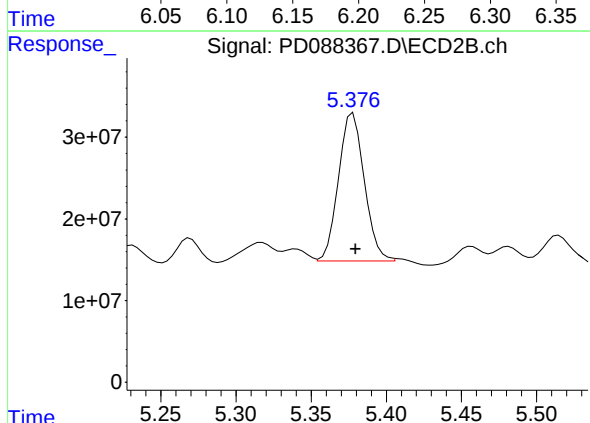
#12 4,4'-DDE

R.T.: 6.202 min
Delta R.T.: 0.005 min
Response: 36169797
Conc: 10.97 ng/ml

Instrument :
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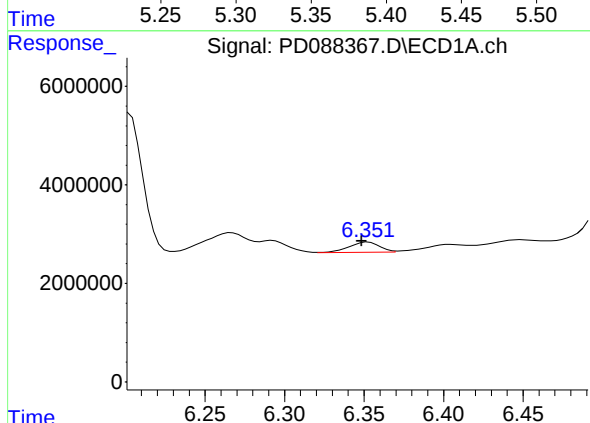
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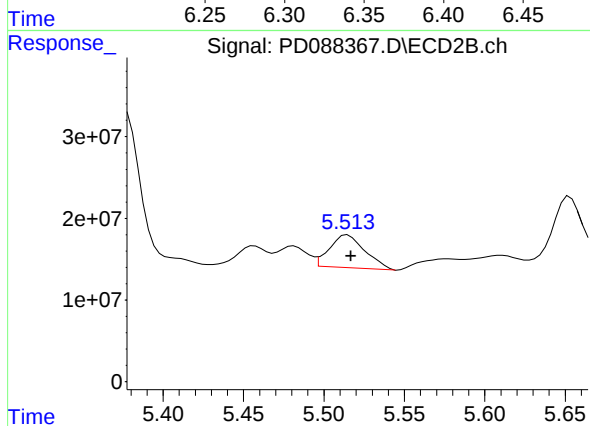
#12 4,4'-DDE

R.T.: 5.376 min
Delta R.T.: -0.003 min
Response: 215892670
Conc: 10.96 ng/ml



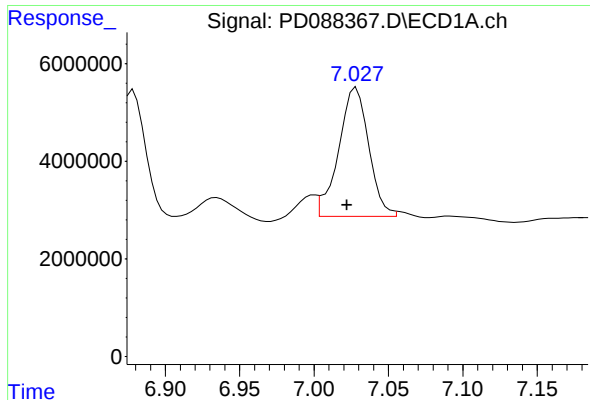
#13 Dieldrin

R.T.: 6.351 min
Delta R.T.: 0.002 min
Response: 2825019
Conc: 0.79 ng/ml



#13 Dieldrin

R.T.: 5.513 min
Delta R.T.: -0.004 min
Response: 60173585
Conc: 3.02 ng/ml



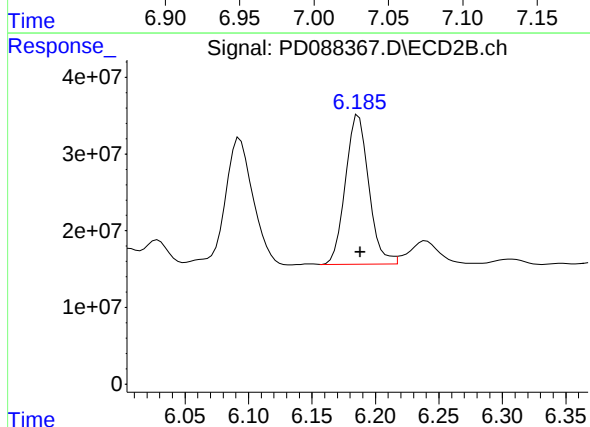
#17 4,4'-DDT

R.T.: 7.027 min
Delta R.T.: 0.005 min
Response: 37045749
Conc: 13.34 ng/ml

Instrument :
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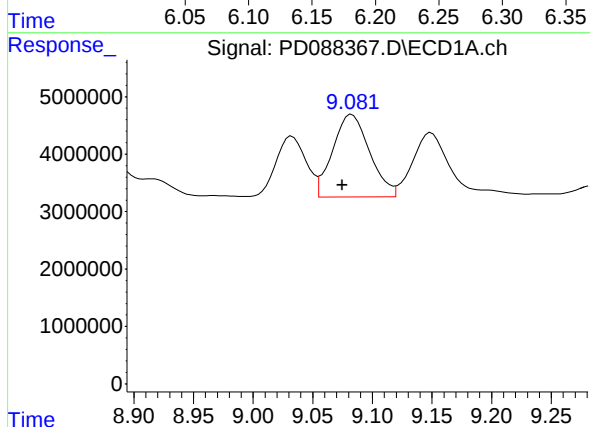
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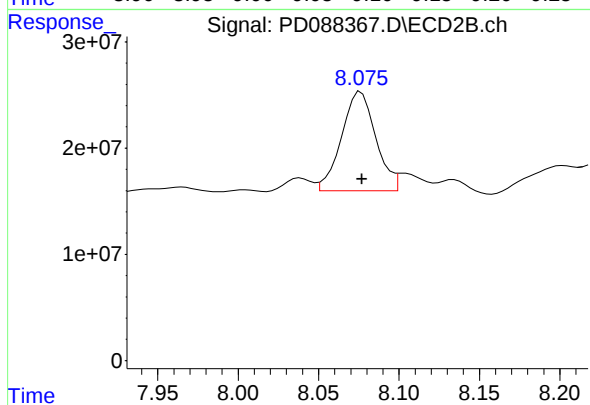
#17 4,4'-DDT

R.T.: 6.185 min
Delta R.T.: -0.003 min
Response: 248148912
Conc: 14.58 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.081 min
Delta R.T.: 0.007 min
Response: 30790004
Conc: 9.31 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.075 min
Delta R.T.: -0.002 min
Response: 139289044
Conc: 7.54 ng/ml