

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042925\
 Data File : PD088325.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Apr 2025 13:26
 Operator : AR\AJ
 Sample : Q1902-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 343

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/30/2025
 Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 30 00:48:07 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	24361936	203.0E6	12.197m	13.883m
28) SA Decachlor...	9.082	8.073	44872323	207.6E6	13.564m	11.235m
Target Compounds						
8) B Heptachlo...	5.696	4.875	12802500	150.0E6	3.582m	7.941 #
10) B gamma-Chl...	5.952	5.129	35461353	137.3E6	9.790m	6.764m#
11) B alpha-Chl...	6.038	5.192	90993774	207.1E6	25.209m	10.567m#
12) B 4,4'-DDE	6.203	5.378	389.0E6	2191.0E6	117.946m	111.254m
13) MA Dieldrin	6.353	5.515	40652307	357.2E6	11.392m	17.920m#
17) MA 4,4'-DDT	7.027	6.187	197.9E6	1010.0E6	71.249m	59.353

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

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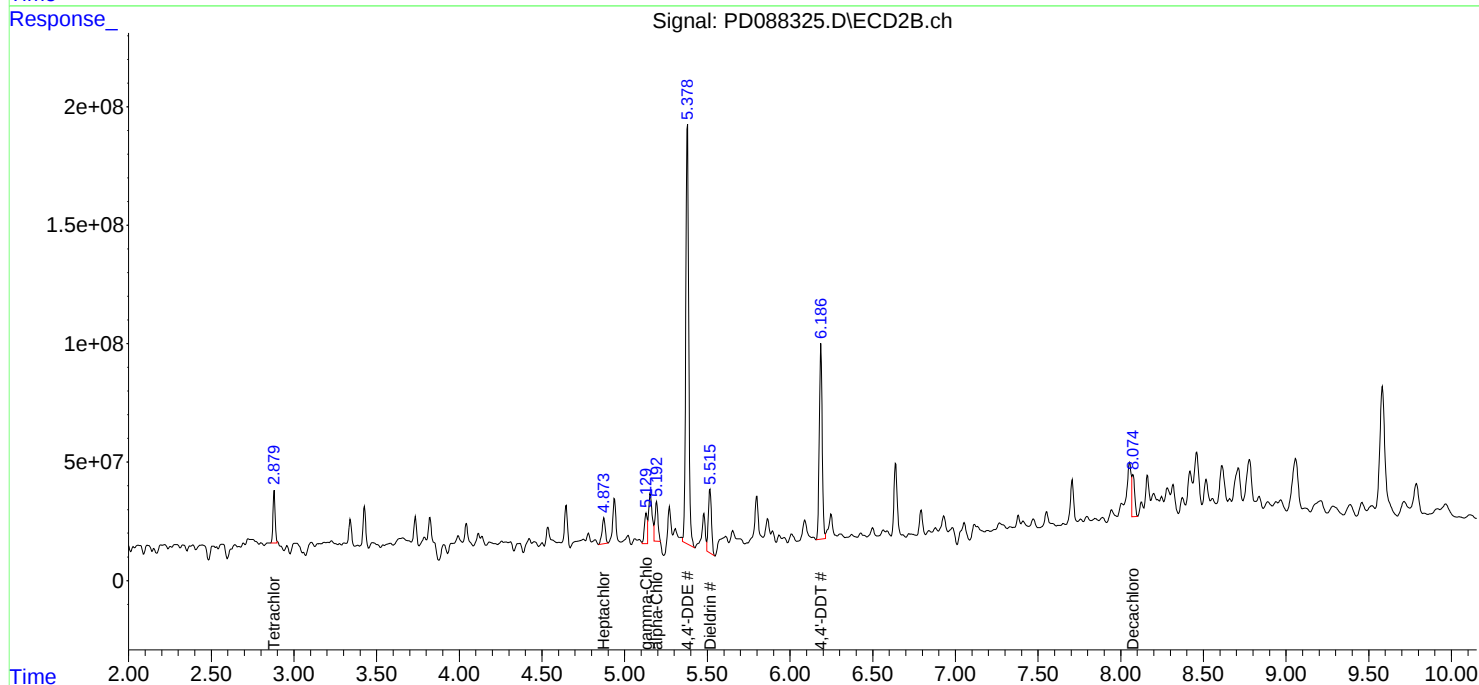
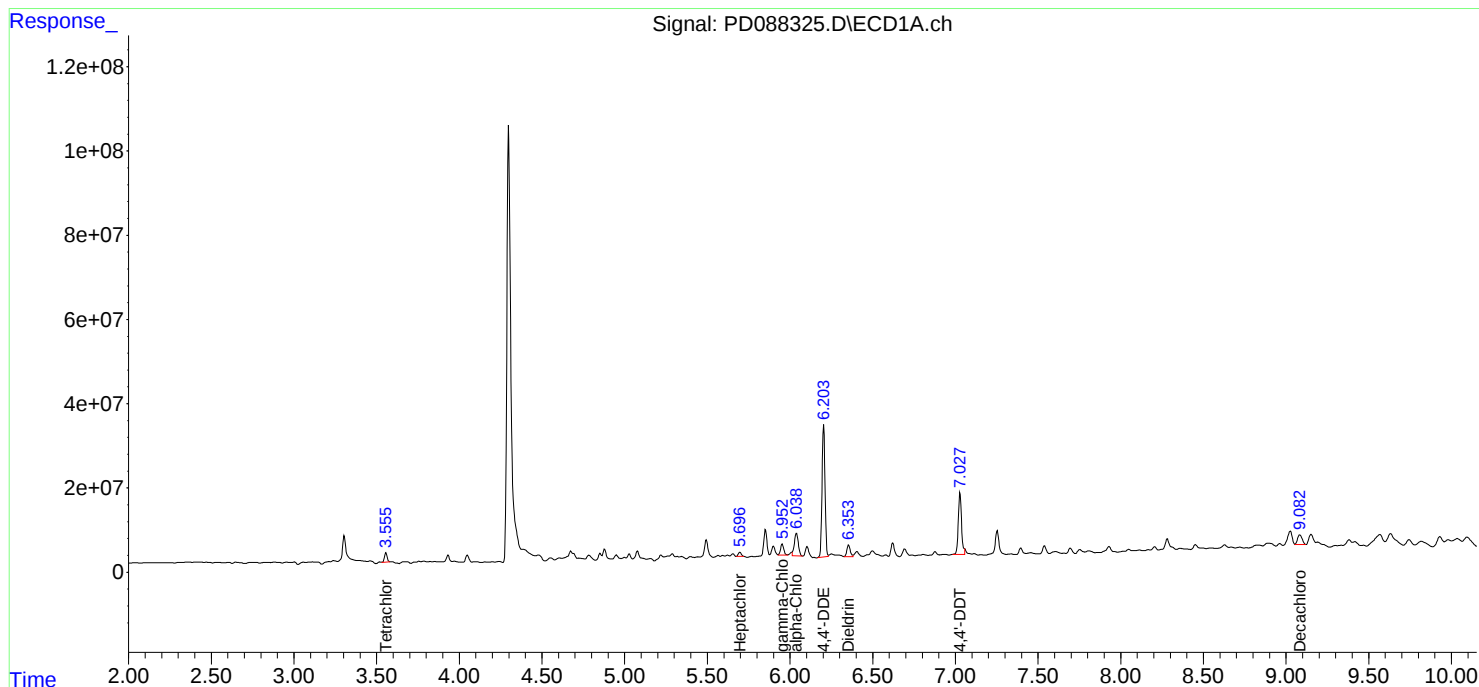
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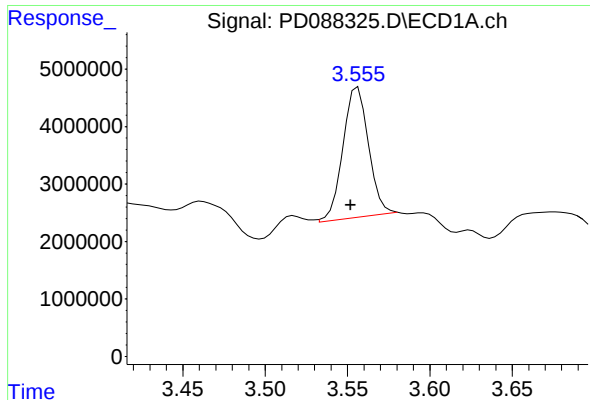
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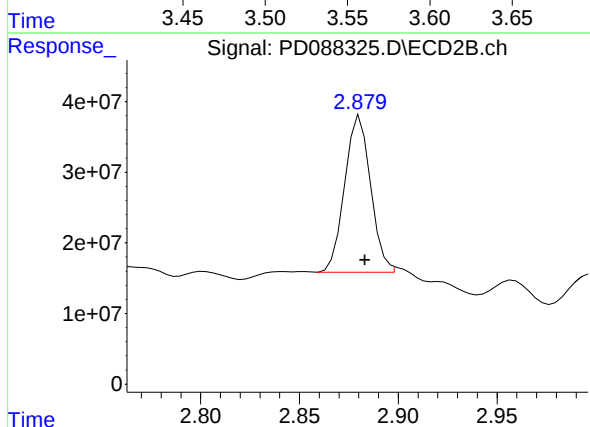
#1 Tetrachloro-m-xylene

R.T.: 3.555 min
Delta R.T.: 0.003 min
Response: 24361936
Conc: 12.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
343

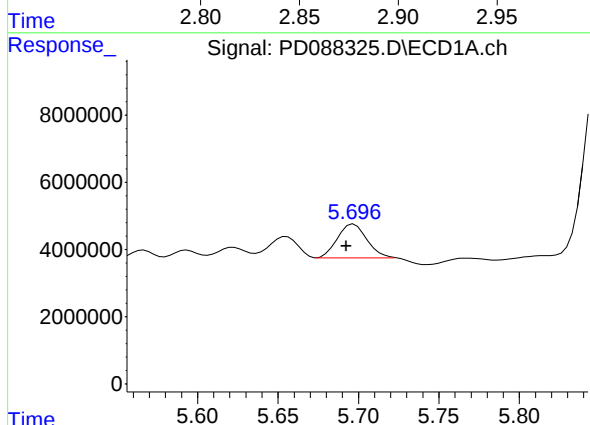
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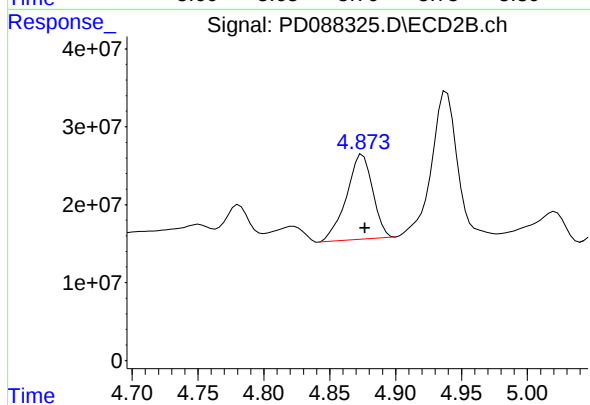
#1 Tetrachloro-m-xylene

R.T.: 2.879 min
Delta R.T.: -0.004 min
Response: 202998911
Conc: 13.88 ng/ml



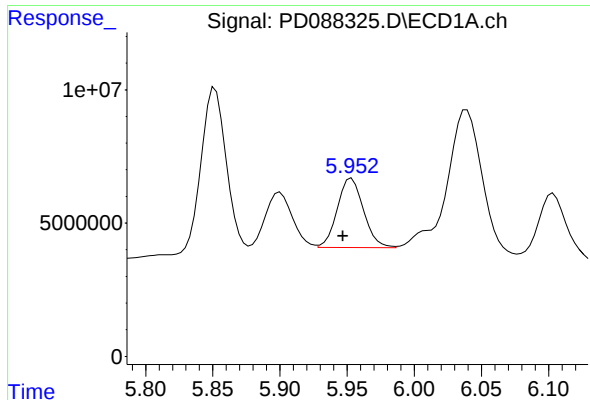
#8 Heptachlor epoxide

R.T.: 5.696 min
Delta R.T.: 0.003 min
Response: 12802500
Conc: 3.58 ng/ml



#8 Heptachlor epoxide

R.T.: 4.875 min
Delta R.T.: -0.002 min
Response: 150030513
Conc: 7.94 ng/ml



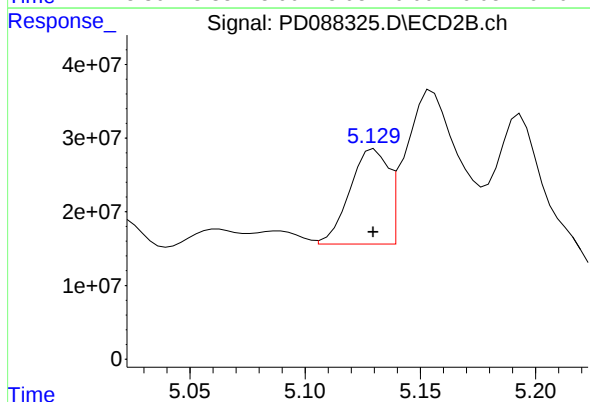
#10 gamma-Chlordane

R.T.: 5.952 min
Delta R.T.: 0.005 min
Response: 35461353
Conc: 9.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
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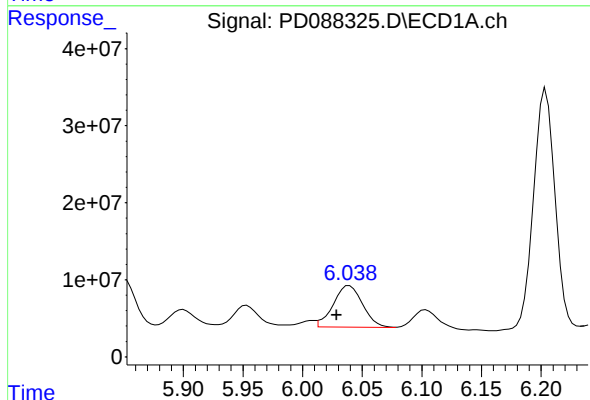
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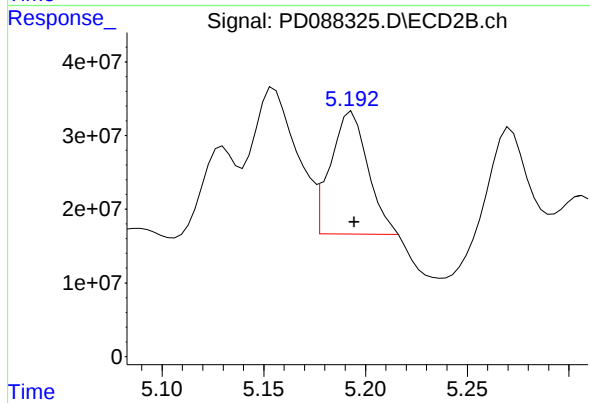
#10 gamma-Chlordane

R.T.: 5.129 min
Delta R.T.: 0.000 min
Response: 137275058
Conc: 6.76 ng/ml m



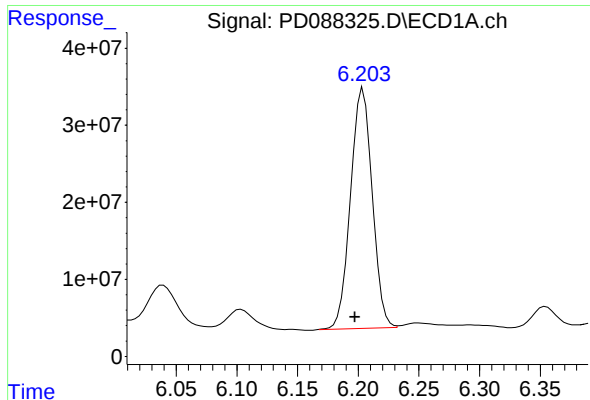
#11 alpha-Chlordane

R.T.: 6.038 min
Delta R.T.: 0.009 min
Response: 90993774
Conc: 25.21 ng/ml m



#11 alpha-Chlordane

R.T.: 5.192 min
Delta R.T.: -0.002 min
Response: 207142374
Conc: 10.57 ng/ml m



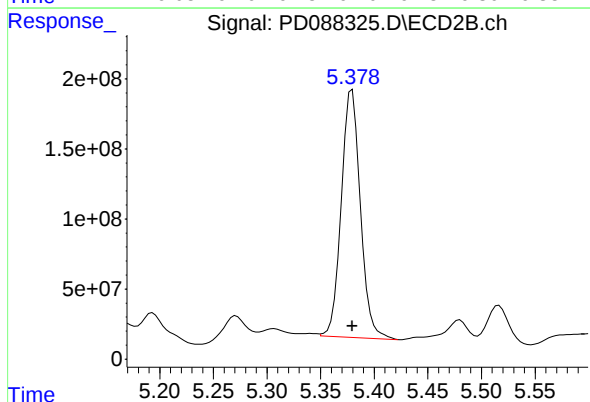
#12 4,4'-DDE

R.T.: 6.203 min
Delta R.T.: 0.005 min
Response: 389016018
Conc: 117.95 ng/ml

Instrument :
ECD_D
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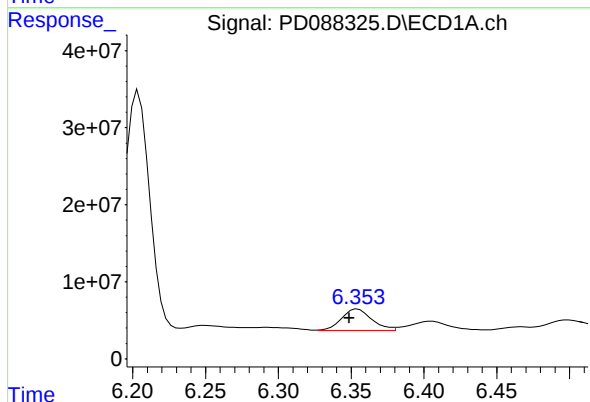
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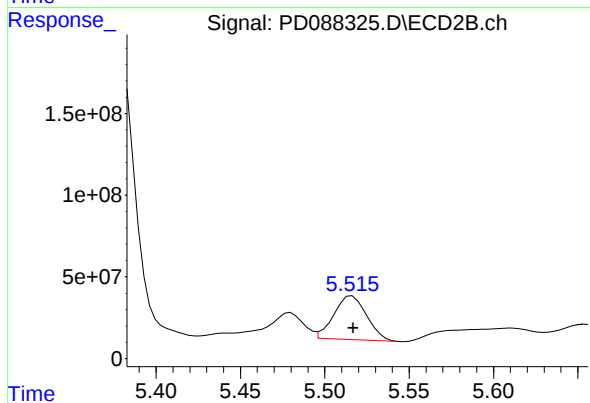
#12 4,4'-DDE

R.T.: 5.378 min
Delta R.T.: -0.002 min
Response: 2191043795
Conc: 111.25 ng/ml m



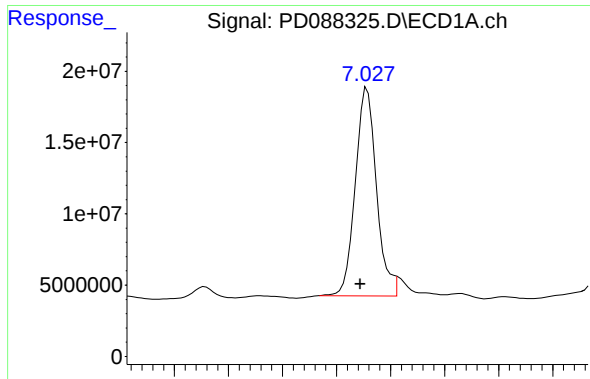
#13 Dieldrin

R.T.: 6.353 min
Delta R.T.: 0.004 min
Response: 40652307
Conc: 11.39 ng/ml m



#13 Dieldrin

R.T.: 5.515 min
Delta R.T.: -0.002 min
Response: 357199336
Conc: 17.92 ng/ml m



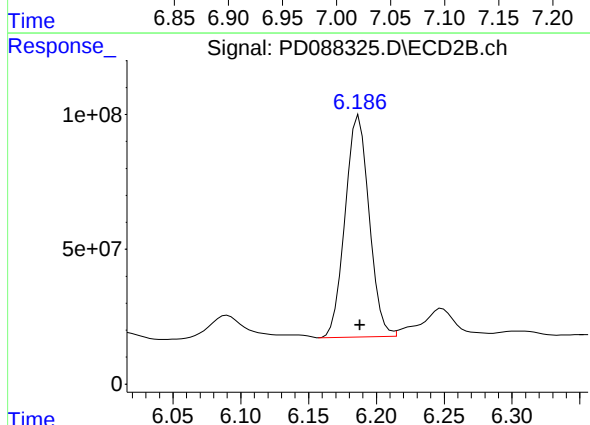
#17 4,4'-DDT

R.T.: 7.027 min
Delta R.T.: 0.005 min
Response: 197897835
Conc: 71.25 ng/ml

Instrument :
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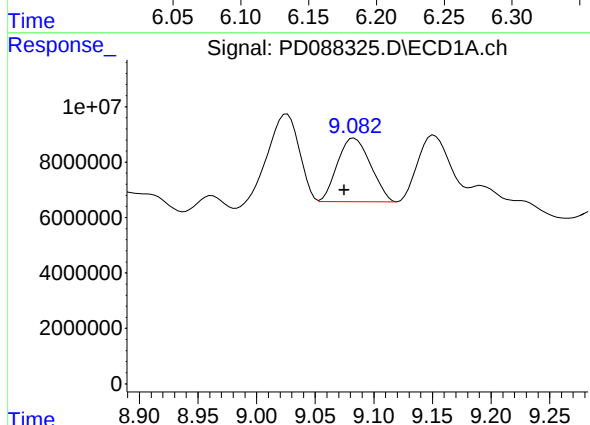
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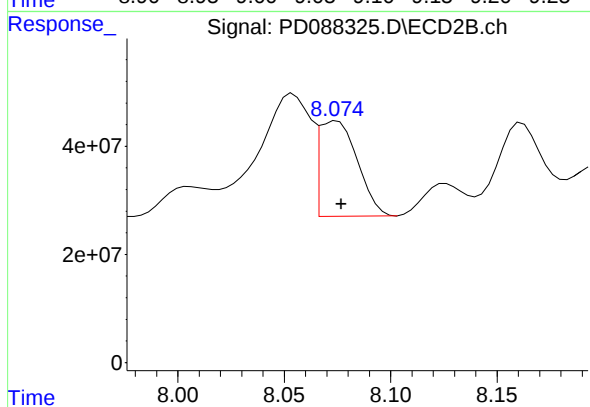
#17 4,4'-DDT

R.T.: 6.187 min
Delta R.T.: 0.000 min
Response: 1009987574
Conc: 59.35 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.082 min
Delta R.T.: 0.007 min
Response: 44872323
Conc: 13.56 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.073 min
Delta R.T.: -0.003 min
Response: 207609236
Conc: 11.23 ng/ml m