

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062425\
 Data File : PD089113.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Jun 2025 16:33
 Operator : AR\AJ
 Sample : Q2381-01DL 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 291431DL

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/25/2025
 Supervised By : mohammad ahmed 06/26/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 25 01:55:12 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061825.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 18 05:39:05 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 x 0.5 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...	3.556	2.880	18645900	104.4E6	6.535m	6.157
2) SA Decachlor...	9.084	8.071	53435260	201.6E6	13.605m	10.195m#
Target Compounds						
8) B Heptachlo...	5.697	4.873	21430389	56093662	4.443m	2.562 #
10) B gamma-Chl...	5.955	5.128	131.8E6	187.7E6	27.537	7.846 #
11) B alpha-Chl...	6.042f	5.191	334.9E6	467.5E6	69.215m	20.416 #
12) B 4,4'-DDE	6.206	5.375	5100419	19833972	1.170	0.866m#
13) MA Dieldrin	6.355	5.512	7844338	110.6E6	1.635	4.766m#
17) MA 4,4'-DDT	7.028	6.183	2034805	34405917	0.537m	1.697 #

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

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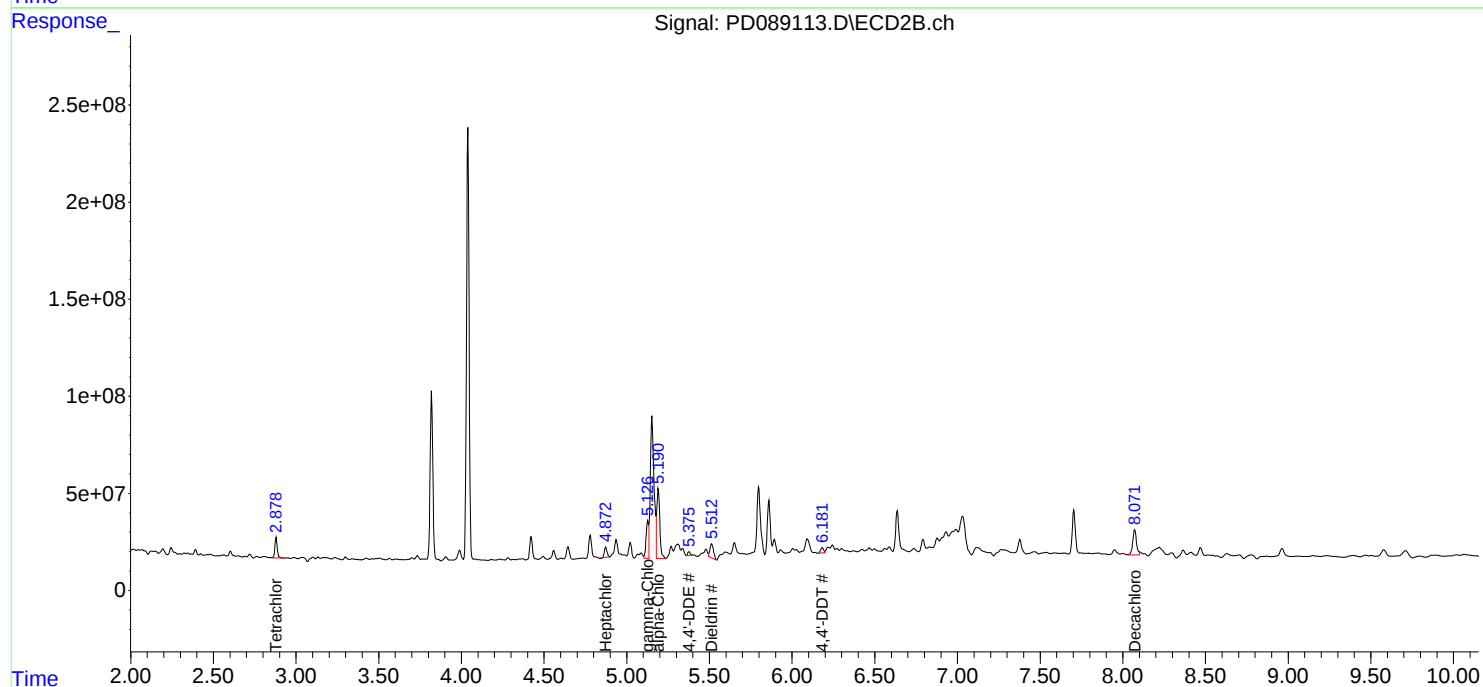
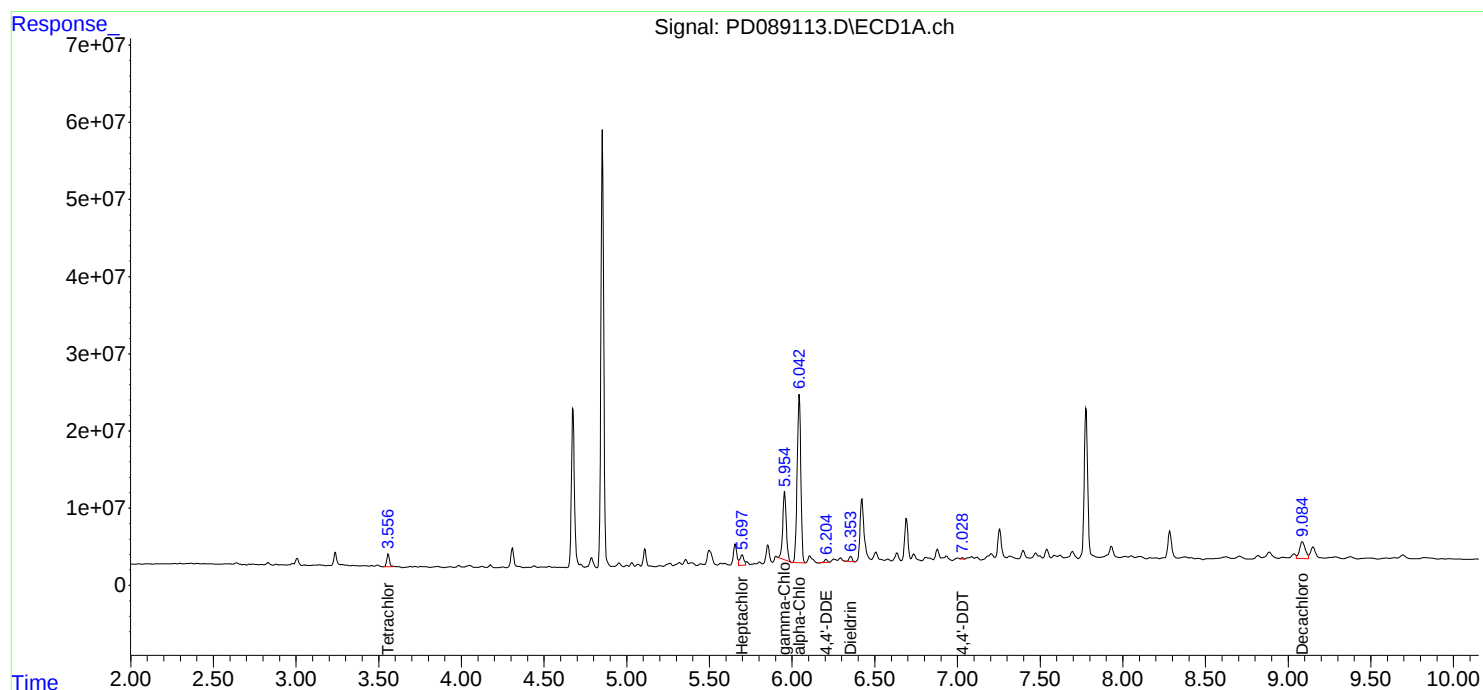
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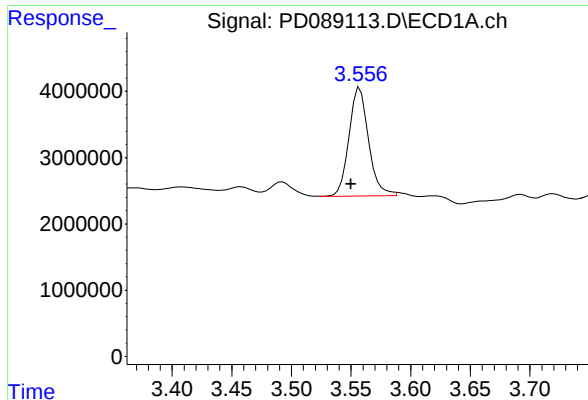
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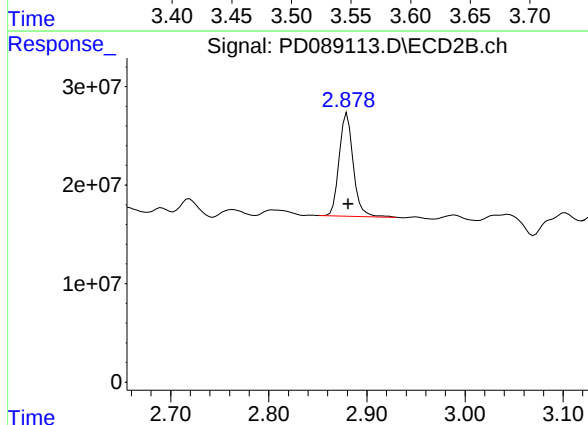
#1 Tetrachloro-m-xylene

R.T.: 3.556 min
Delta R.T.: 0.006 min
Response: 18645900
Conc: 6.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
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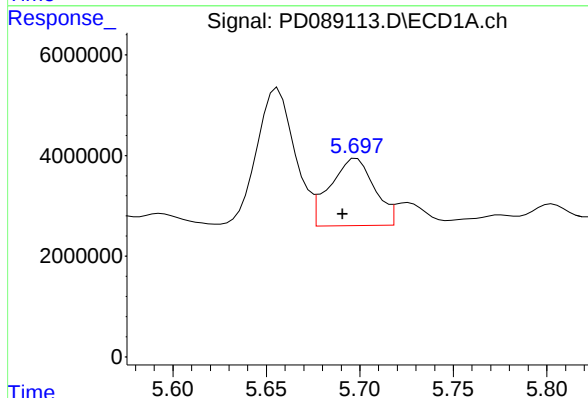
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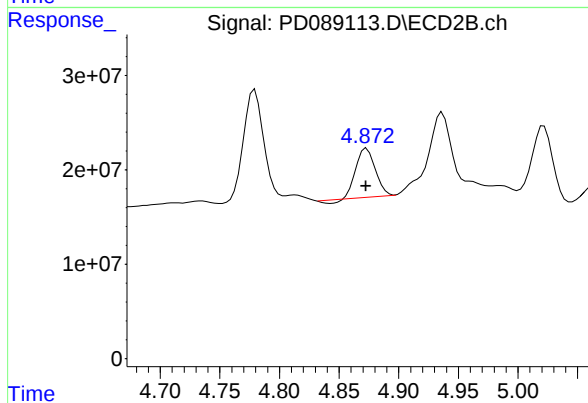
#1 Tetrachloro-m-xylene

R.T.: 2.880 min
Delta R.T.: 0.000 min
Response: 104375291
Conc: 6.16 ng/ml



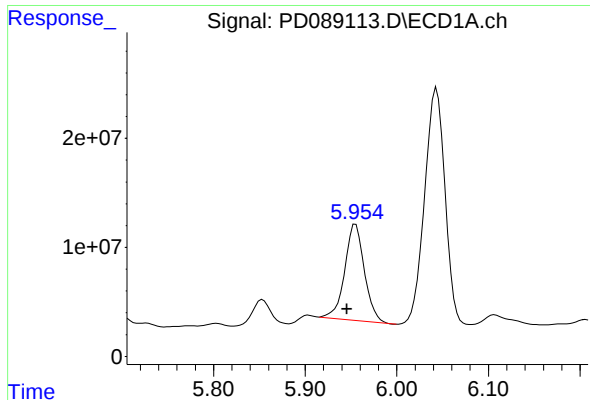
#8 Heptachlor epoxide

R.T.: 5.697 min
Delta R.T.: 0.006 min
Response: 21430389
Conc: 4.44 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.873 min
Delta R.T.: 0.000 min
Response: 56093662
Conc: 2.56 ng/ml



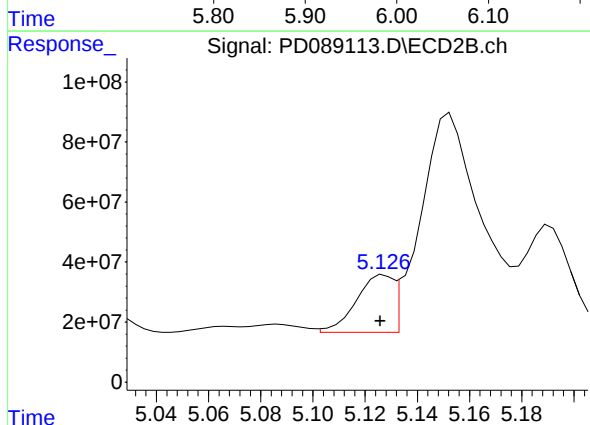
#10 gamma-Chlordane

R.T.: 5.955 min
Delta R.T.: 0.010 min
Response: 131848590
Conc: 27.54 ng/ml

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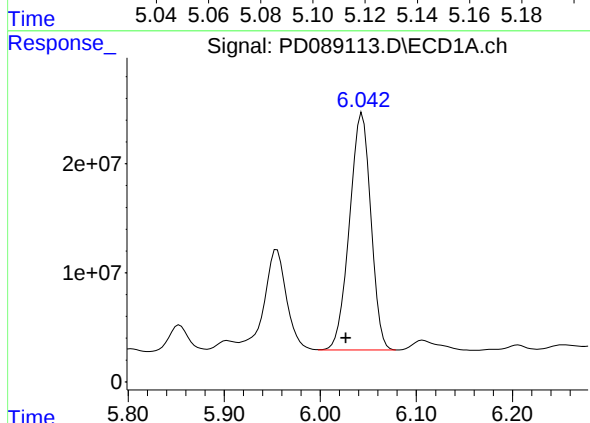
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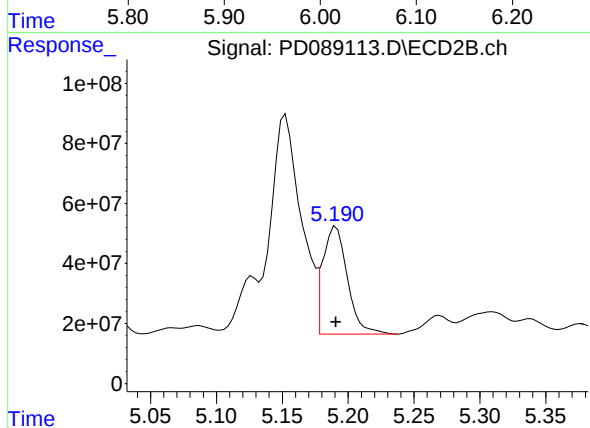
#10 gamma-Chlordane

R.T.: 5.128 min
Delta R.T.: 0.002 min
Response: 187689267
Conc: 7.85 ng/ml



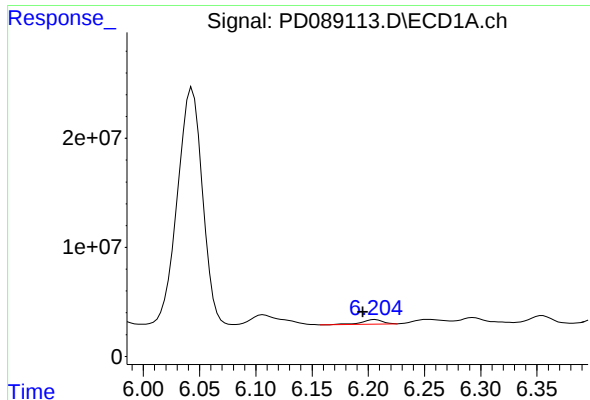
#11 alpha-Chlordane

R.T.: 6.042 min
Delta R.T.: 0.015 min
Response: 334899129
Conc: 69.21 ng/ml m



#11 alpha-Chlordane

R.T.: 5.191 min
Delta R.T.: 0.000 min
Response: 467464877
Conc: 20.42 ng/ml



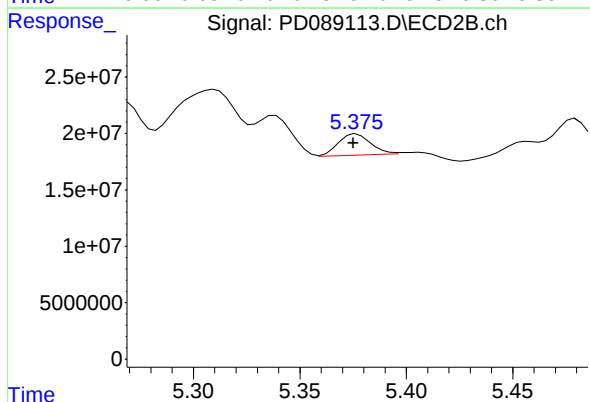
#12 4,4'-DDE

R.T.: 6.206 min
Delta R.T.: 0.011 min
Response: 5100419
Conc: 1.17 ng/ml

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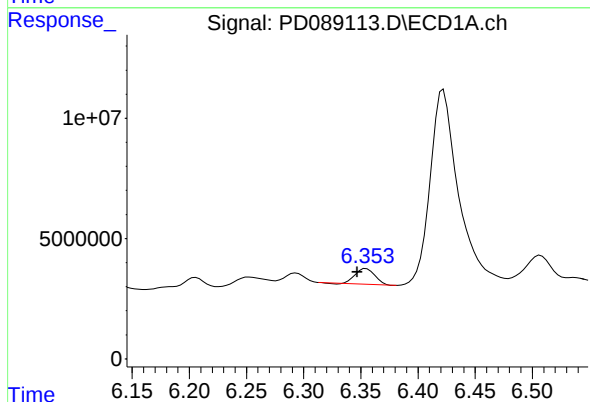
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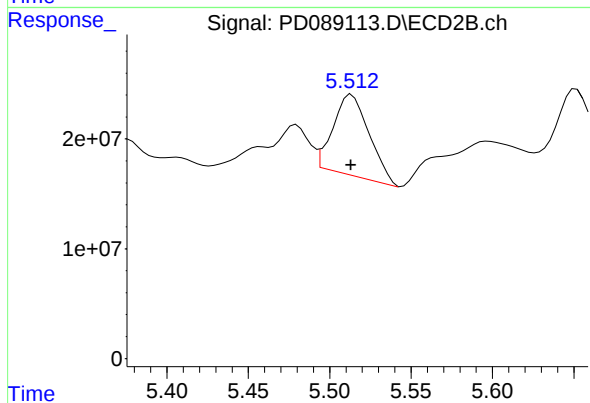
#12 4,4'-DDE

R.T.: 5.375 min
Delta R.T.: 0.000 min
Response: 19833972
Conc: 0.87 ng/ml m



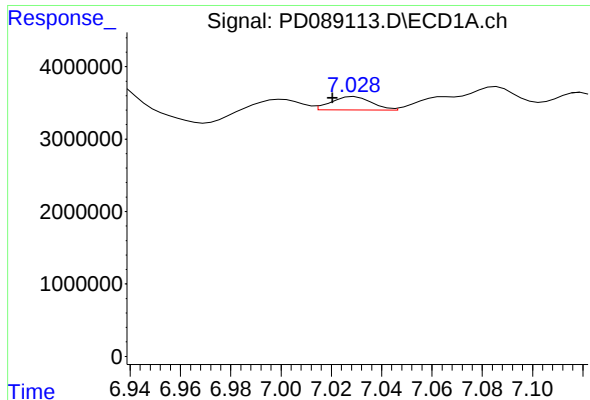
#13 Dieldrin

R.T.: 6.355 min
Delta R.T.: 0.008 min
Response: 7844338
Conc: 1.64 ng/ml



#13 Dieldrin

R.T.: 5.512 min
Delta R.T.: -0.001 min
Response: 110604614
Conc: 4.77 ng/ml m



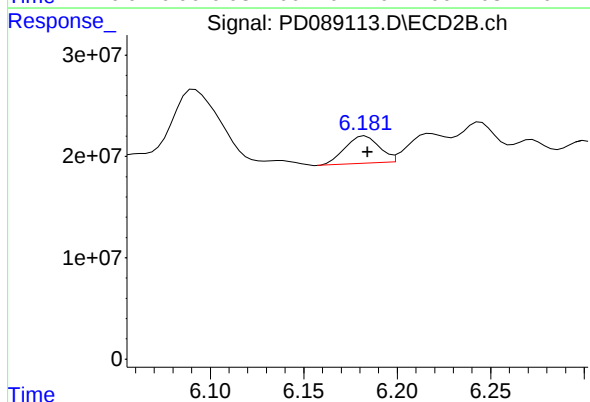
#17 4,4'-DDT

R.T.: 7.028 min
Delta R.T.: 0.007 min
Response: 2034805
Conc: 0.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
291431DL

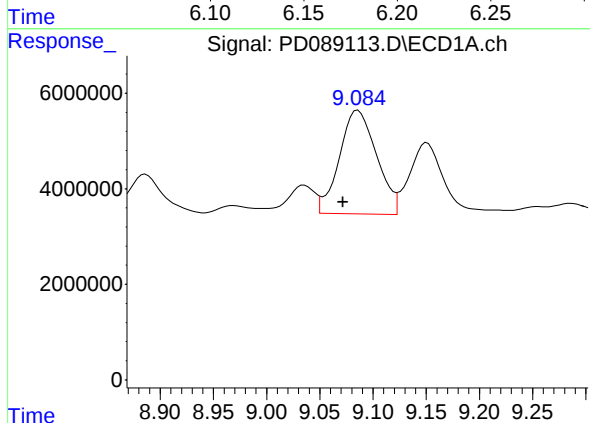
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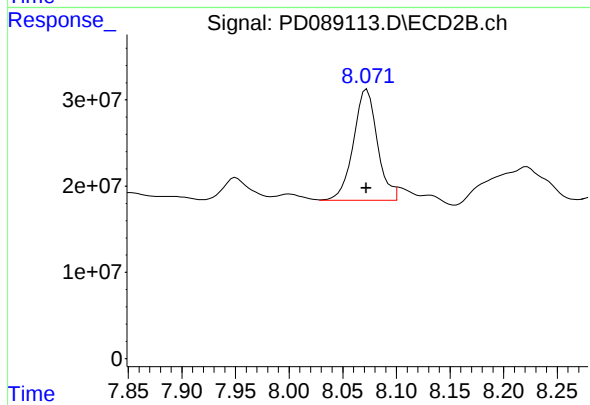
#17 4,4'-DDT

R.T.: 6.183 min
Delta R.T.: -0.001 min
Response: 34405917
Conc: 1.70 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.084 min
Delta R.T.: 0.012 min
Response: 53435260
Conc: 13.60 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.071 min
Delta R.T.: 0.000 min
Response: 201561129
Conc: 10.20 ng/ml m