

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062325\
 Data File : PD089091.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Jun 2025 18:36
 Operator : AR\AJ
 Sample : Q2381-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 72-11929

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/24/2025
 Supervised By :mohammad ahmed 06/25/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 24 01:53:31 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 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...	3.549	2.881	52250307	275.4E6	18.313m	16.244
28) SA Decachlor...	9.077	8.069	98966806	291.9E6	25.198m	14.765 #
Target Compounds						
11) B alpha-Chl...	6.033	5.188	11836855	23513062	2.446	1.027m#
12) B 4,4'-DDE	6.195	5.375	40045045	172.0E6	9.182	7.507
13) MA Dieldrin	6.347	5.509	23312714	346.4E6	4.859	14.926m#
14) MA Endrin	6.574	5.793	13508532	135.6E6	3.274	6.245m#
16) A 4,4'-DDD	6.692	5.930	11722846	50564463	3.416m	2.643m
17) MA 4,4'-DDT	7.018	6.182	85005210	433.4E6	22.439m	21.370

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

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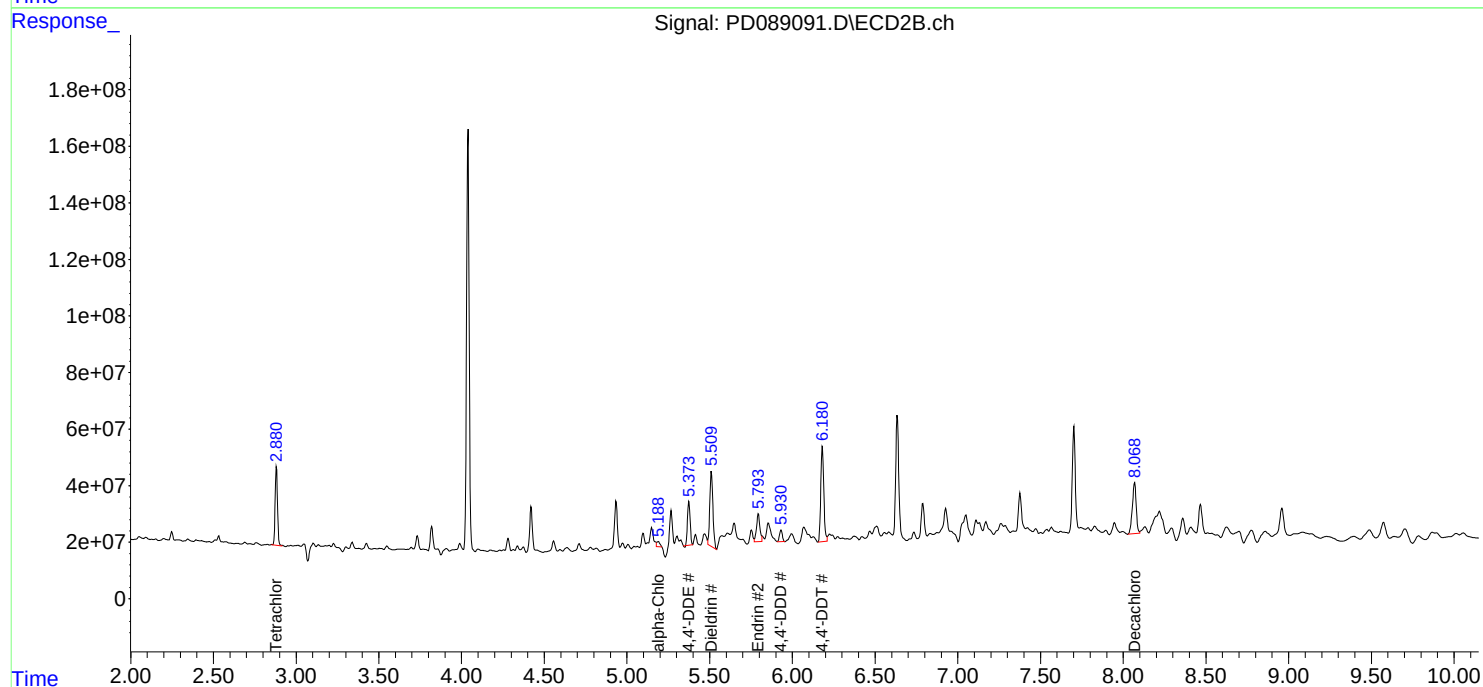
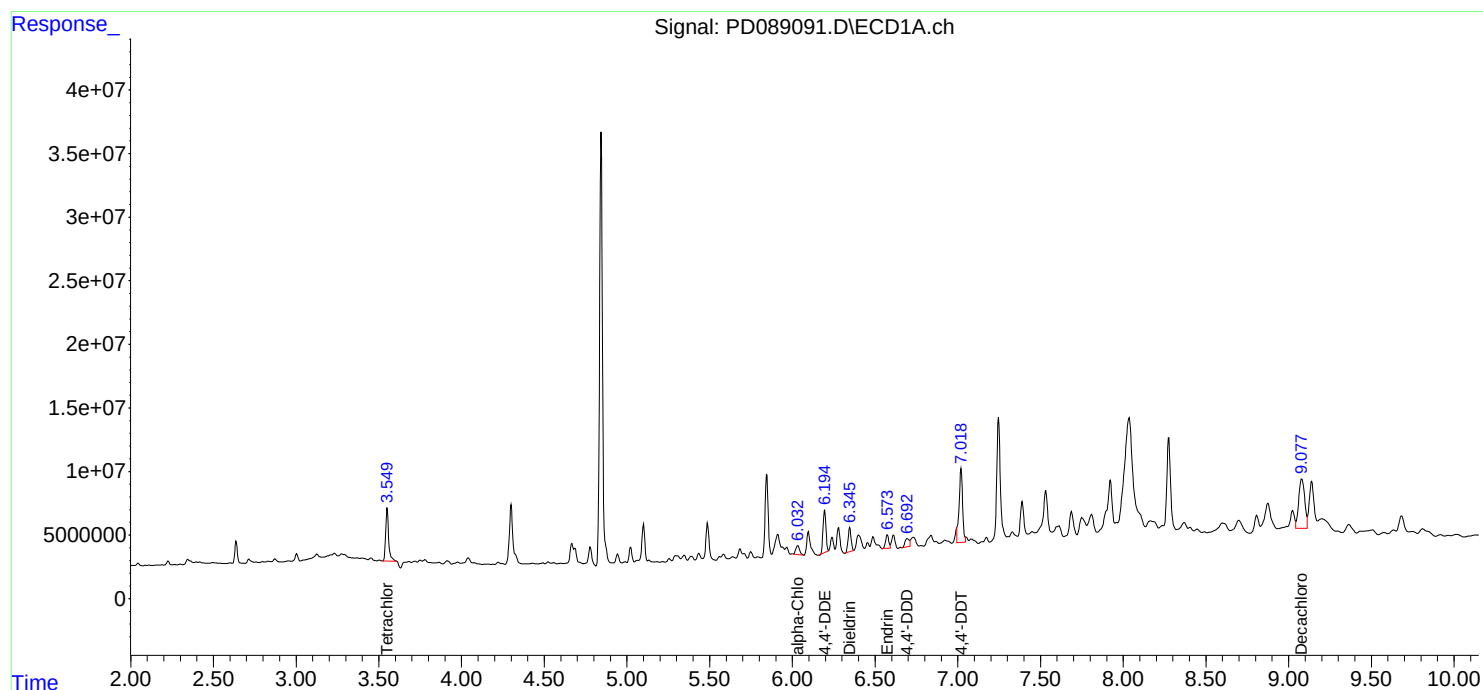
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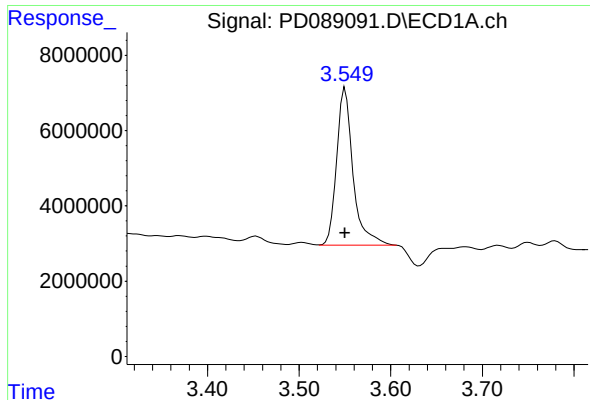
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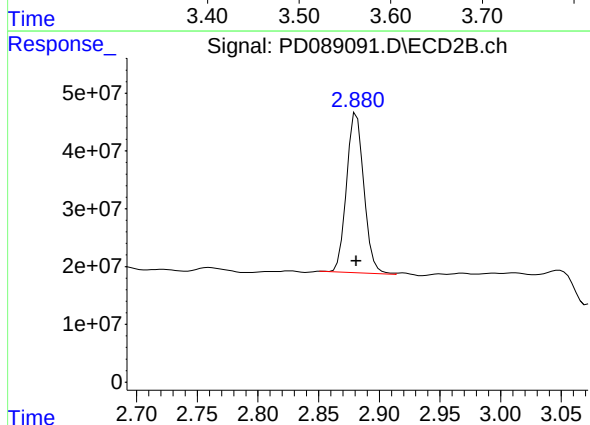
#1 Tetrachloro-m-xylene

R.T.: 3.549 min
Delta R.T.: -0.001 min
Response: 52250307
Conc: 18.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11929

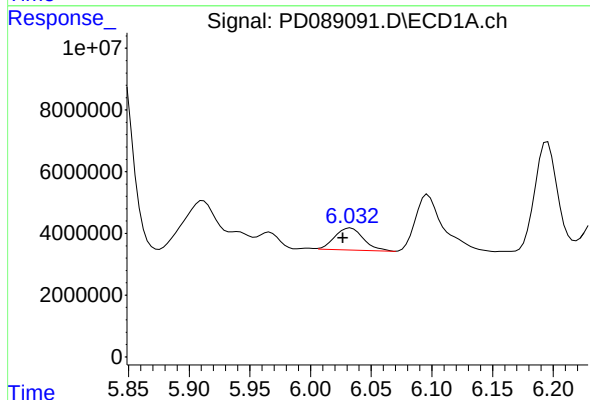
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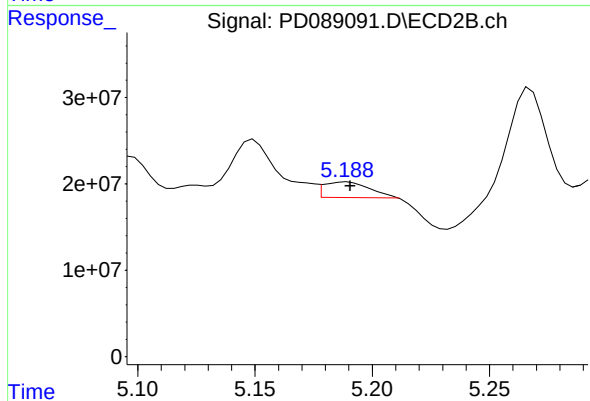
#1 Tetrachloro-m-xylene

R.T.: 2.881 min
Delta R.T.: 0.000 min
Response: 275393893
Conc: 16.24 ng/ml



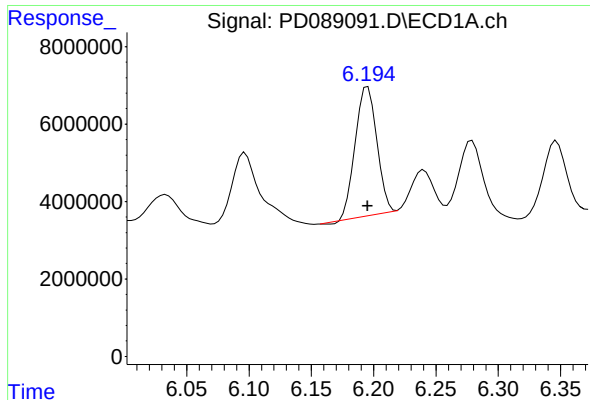
#11 alpha-Chlordane

R.T.: 6.033 min
Delta R.T.: 0.006 min
Response: 11836855
Conc: 2.45 ng/ml



#11 alpha-Chlordane

R.T.: 5.188 min
Delta R.T.: -0.003 min
Response: 23513062
Conc: 1.03 ng/ml m



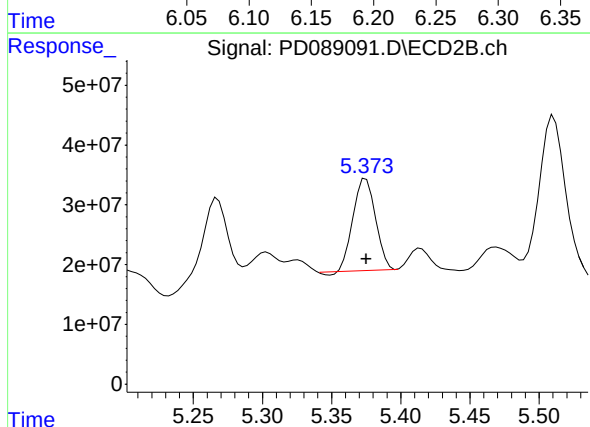
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: 0.000 min
Response: 40045045
Conc: 9.18 ng/ml

Instrument :
ECD_D
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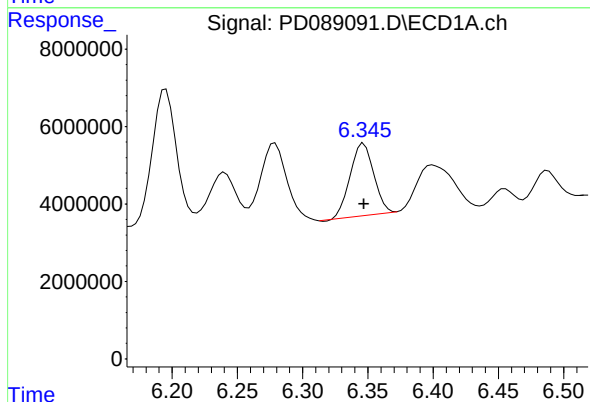
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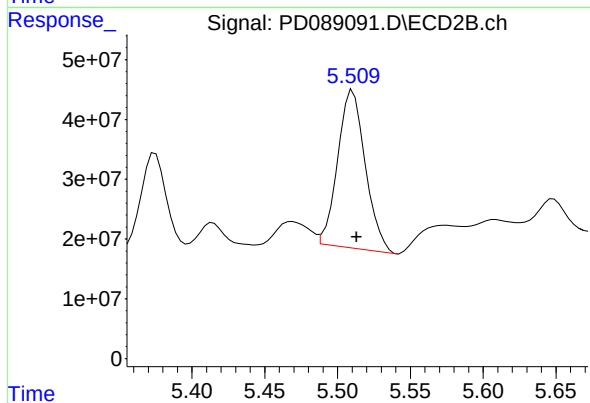
#12 4,4'-DDE

R.T.: 5.375 min
Delta R.T.: 0.000 min
Response: 172029491
Conc: 7.51 ng/ml



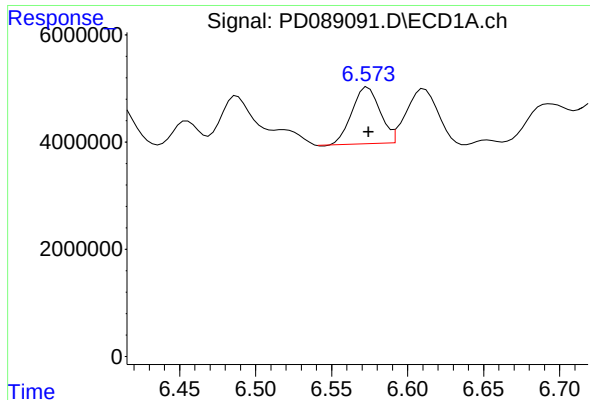
#13 Dieldrin

R.T.: 6.347 min
Delta R.T.: 0.000 min
Response: 23312714
Conc: 4.86 ng/ml



#13 Dieldrin

R.T.: 5.509 min
Delta R.T.: -0.004 min
Response: 346408424
Conc: 14.93 ng/ml m



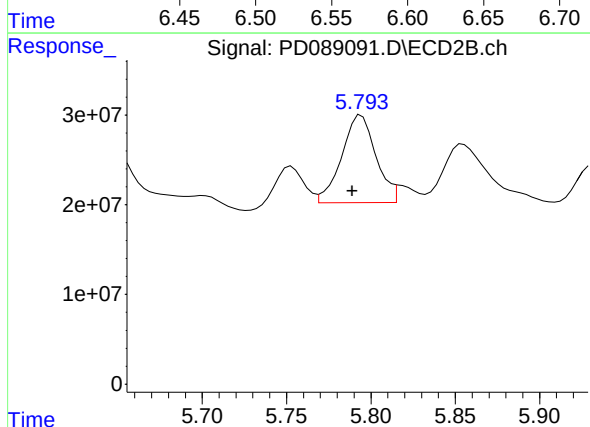
#14 Endrin

R.T.: 6.574 min
Delta R.T.: 0.000 min
Response: 13508532
Conc: 3.27 ng/ml

Instrument :
ECD_D
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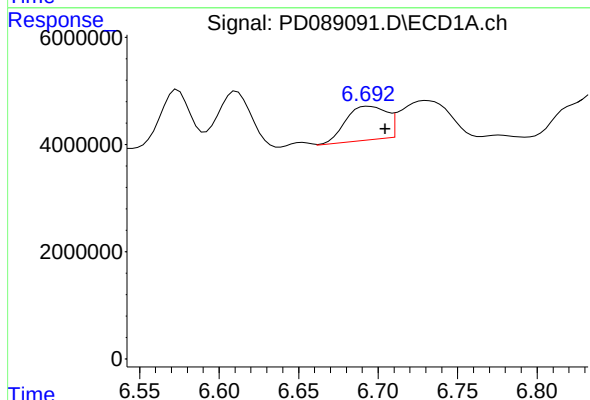
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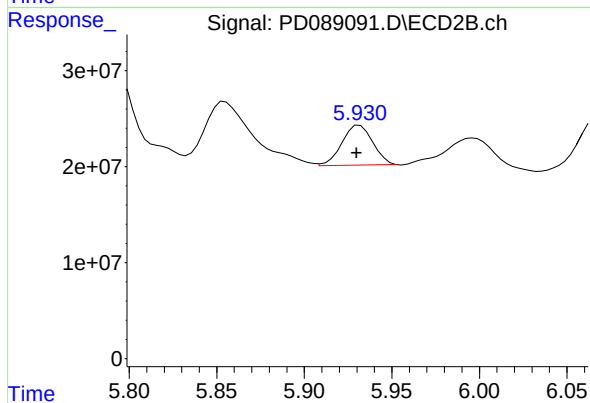
#14 Endrin

R.T.: 5.793 min
Delta R.T.: 0.004 min
Response: 135606259
Conc: 6.25 ng/ml m



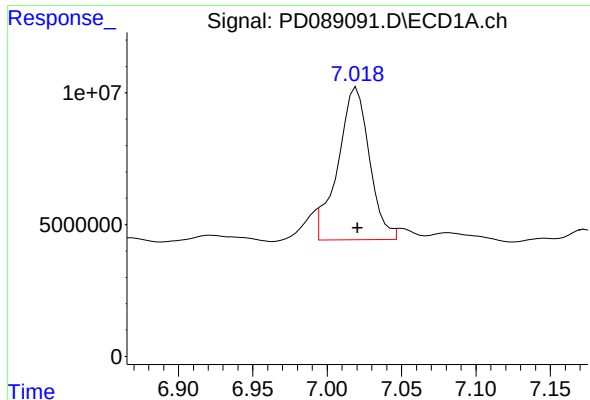
#16 4,4'-DDD

R.T.: 6.692 min
Delta R.T.: -0.013 min
Response: 11722846
Conc: 3.42 ng/ml m



#16 4,4'-DDD

R.T.: 5.930 min
Delta R.T.: 0.000 min
Response: 50564463
Conc: 2.64 ng/ml m



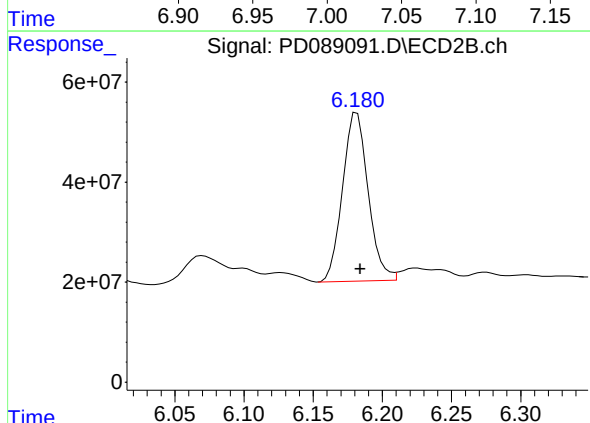
#17 4,4'-DDT

R.T.: 7.018 min
Delta R.T.: -0.002 min
Response: 85005210
Conc: 22.44 ng/ml

Instrument :
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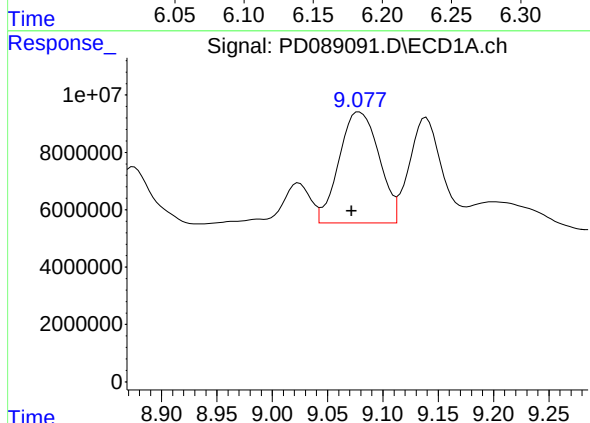
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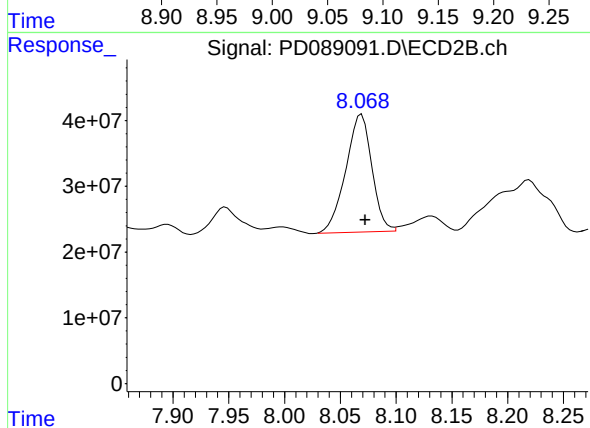
#17 4,4'-DDT

R.T.: 6.182 min
Delta R.T.: -0.003 min
Response: 433362920
Conc: 21.37 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.077 min
Delta R.T.: 0.005 min
Response: 98966806
Conc: 25.20 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.069 min
Delta R.T.: -0.003 min
Response: 291897774
Conc: 14.76 ng/ml