

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062625\
 Data File : PD089163.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Jun 2025 12:44
 Operator : AR\AJ
 Sample : Q2403-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 ARS 20-0006

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/27/2025
 Supervised By :mohammad ahmed 06/30/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 26 23:28:36 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...	3.550	2.881	37527247	301.4E6	13.153	17.777 #
28)	SA Decachlor...	9.077	8.068	88592036	263.1E6	22.556m	13.311m#
Target Compounds							
8)	B Heptachlo...	5.683	4.869	6472015	15767133	1.342m	0.720m#
10)	B gamma-Chl...	5.945	5.123	6840093	49732656	1.429m	2.079m#
11)	B alpha-Chl...	6.029	5.188	19763235	76288886	4.085m	3.332m
12)	B 4,4'-DDE	6.194	5.373	17052137	82679490	3.910	3.608m
13)	MA Dieldrin	6.346	5.509	6931459	260.8E6	1.445m	11.238m#
14)	MA Endrin	6.573	5.789	14750429	41494828	3.575m	1.911 #
17)	MA 4,4'-DDT	7.022	6.180	14703479	209.4E6	3.881	10.324 #

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

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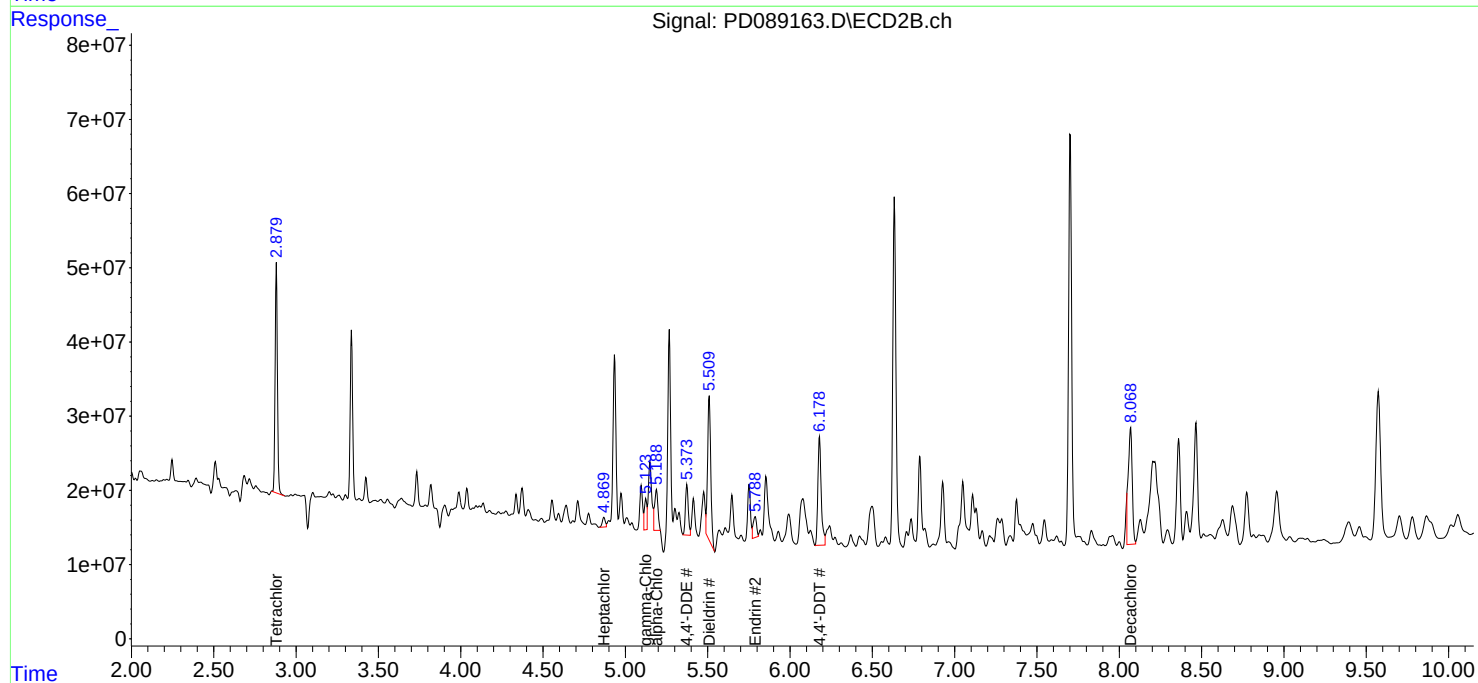
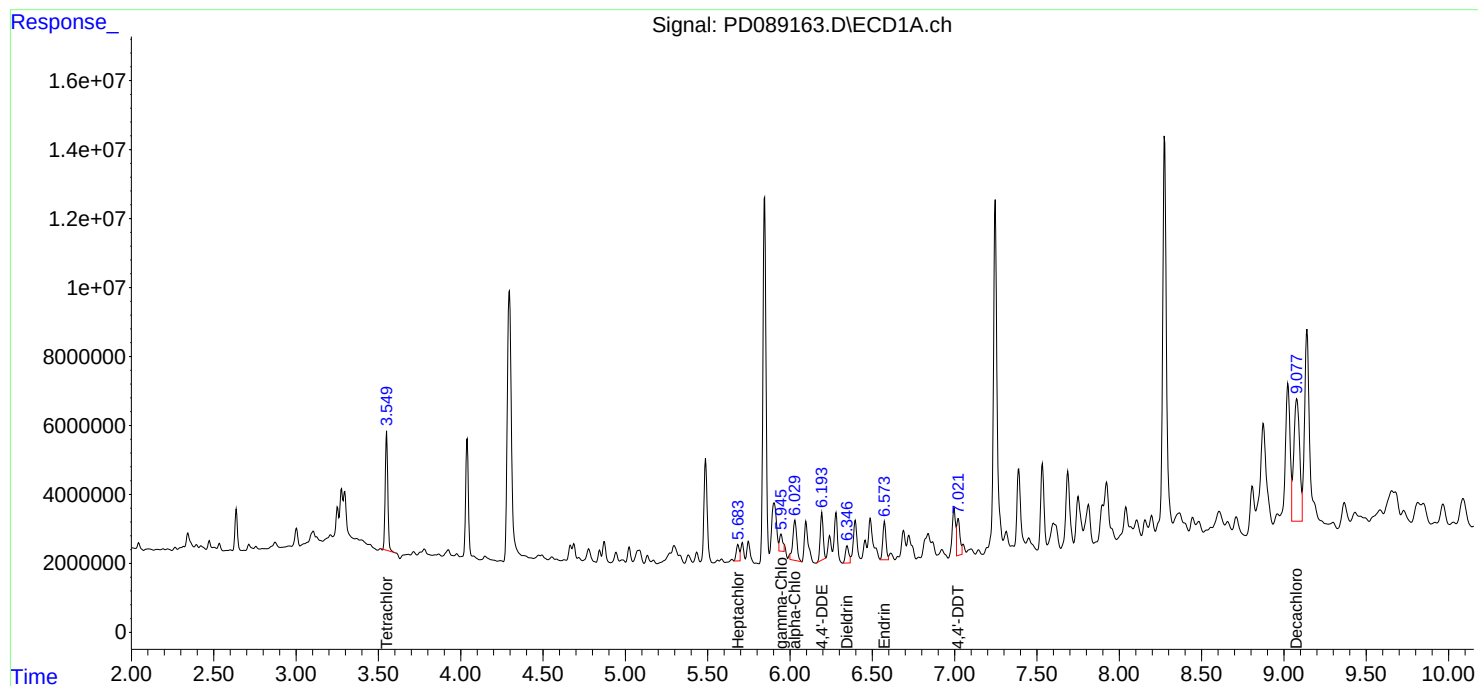
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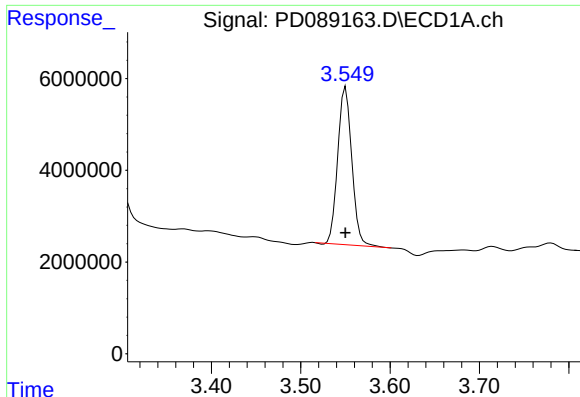
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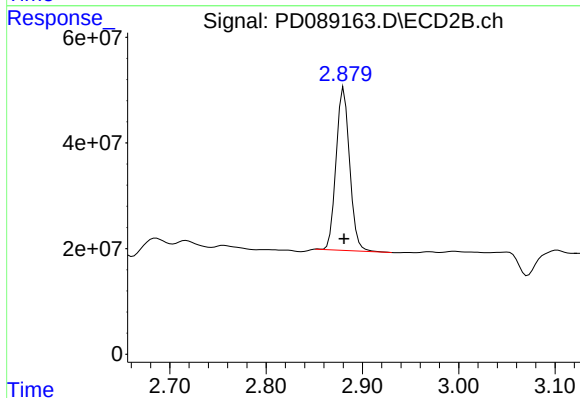
#1 Tetrachloro-m-xylene

R.T.: 3.550 min
Delta R.T.: 0.000 min
Response: 37527247
Conc: 13.15 ng/ml

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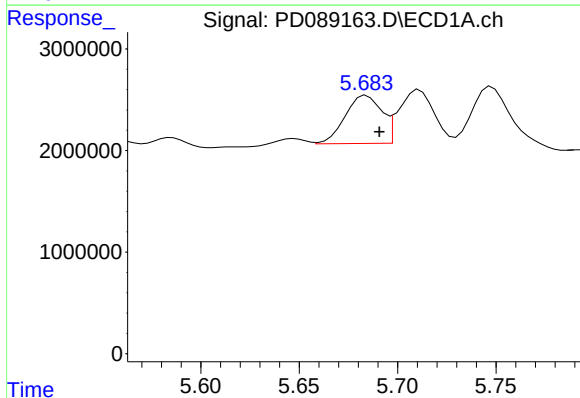
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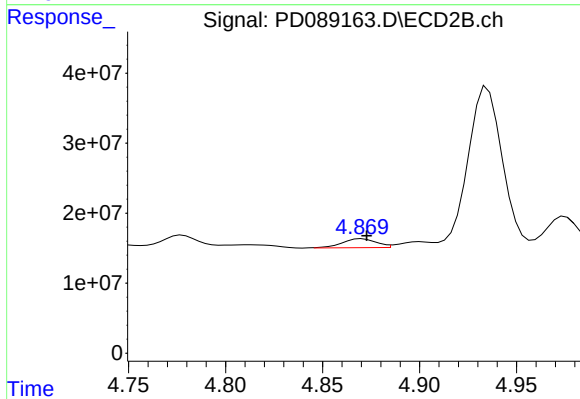
#1 Tetrachloro-m-xylene

R.T.: 2.881 min
Delta R.T.: 0.000 min
Response: 301380203
Conc: 17.78 ng/ml



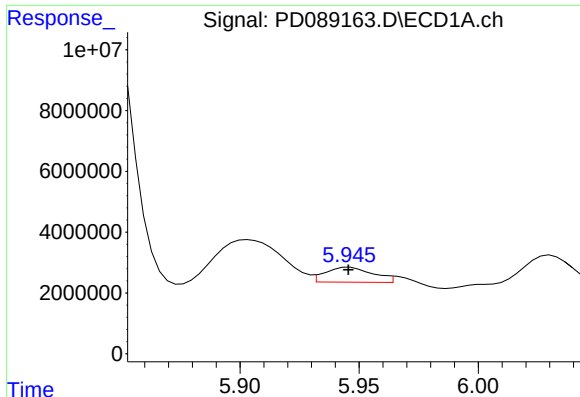
#8 Heptachlor epoxide

R.T.: 5.683 min
Delta R.T.: -0.008 min
Response: 6472015
Conc: 1.34 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.869 min
Delta R.T.: -0.004 min
Response: 15767133
Conc: 0.72 ng/ml m



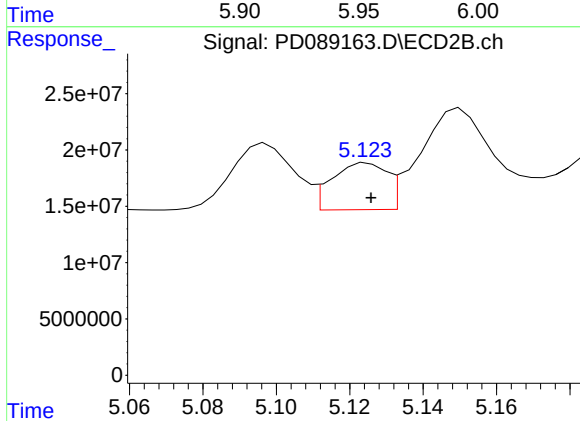
#10 gamma-Chlordane

R.T.: 5.945 min
Delta R.T.: 0.000 min
Response: 6840093
Conc: 1.43 ng/ml

Instrument :
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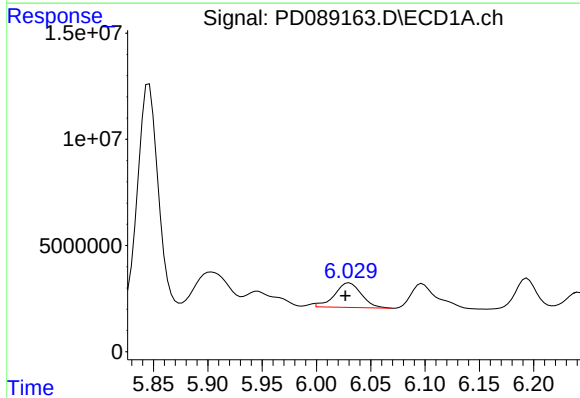
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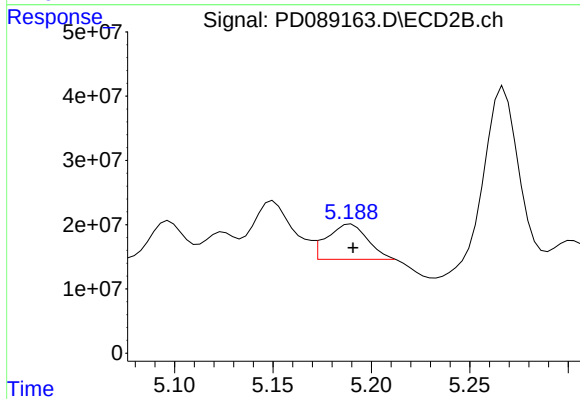
#10 gamma-Chlordane

R.T.: 5.123 min
Delta R.T.: -0.002 min
Response: 49732656
Conc: 2.08 ng/ml m



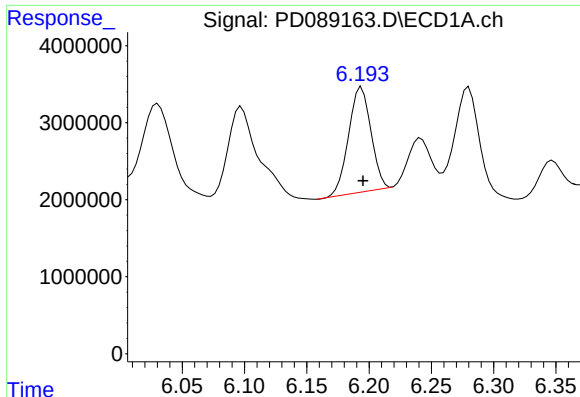
#11 alpha-Chlordane

R.T.: 6.029 min
Delta R.T.: 0.002 min
Response: 19763235
Conc: 4.08 ng/ml m



#11 alpha-Chlordane

R.T.: 5.188 min
Delta R.T.: -0.002 min
Response: 76288886
Conc: 3.33 ng/ml m



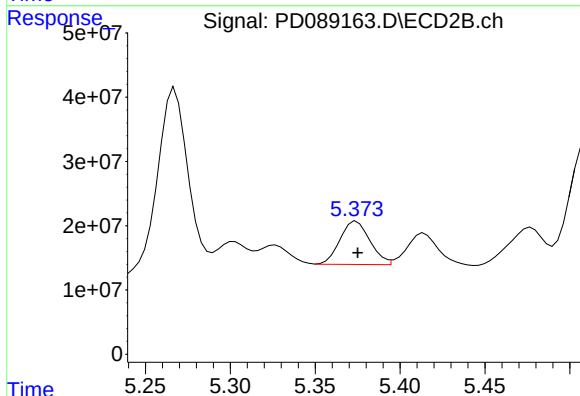
#12 4,4'-DDE

R.T.: 6.194 min
Delta R.T.: -0.001 min
Response: 17052137
Conc: 3.91 ng/ml

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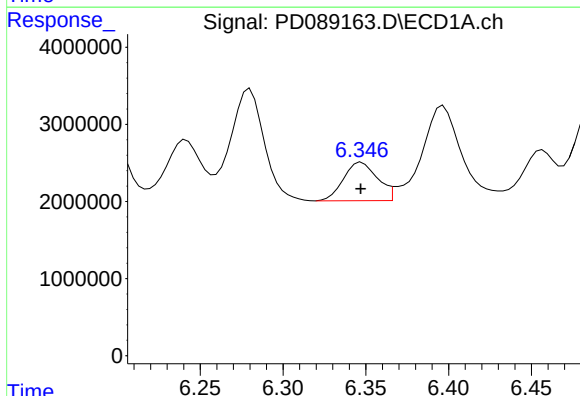
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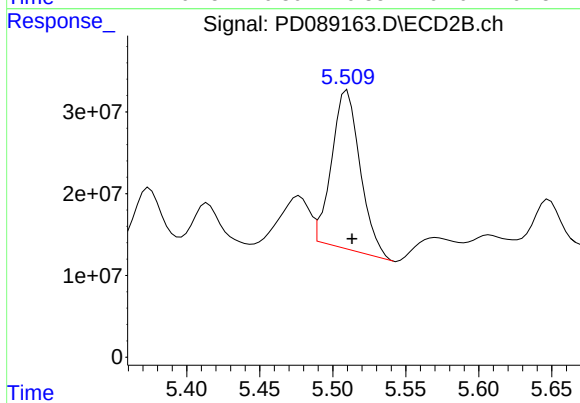
#12 4,4'-DDE

R.T.: 5.373 min
Delta R.T.: -0.002 min
Response: 82679490
Conc: 3.61 ng/ml m



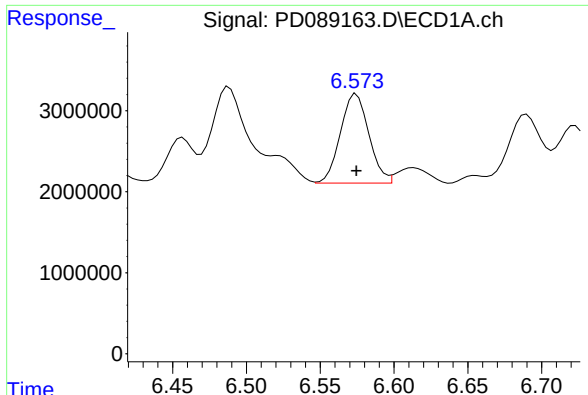
#13 Dieldrin

R.T.: 6.346 min
Delta R.T.: 0.000 min
Response: 6931459
Conc: 1.44 ng/ml m



#13 Dieldrin

R.T.: 5.509 min
Delta R.T.: -0.005 min
Response: 260823818
Conc: 11.24 ng/ml m



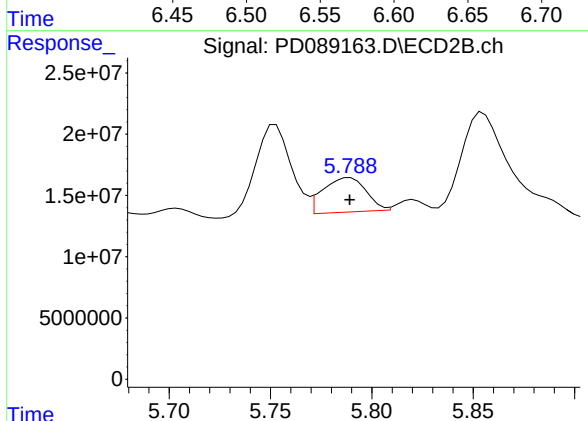
#14 Endrin

R.T.: 6.573 min
Delta R.T.: -0.001 min
Response: 14750429
Conc: 3.58 ng/ml

Instrument :
ECD_D
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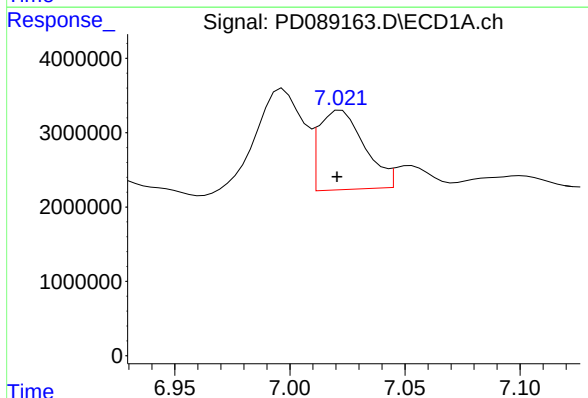
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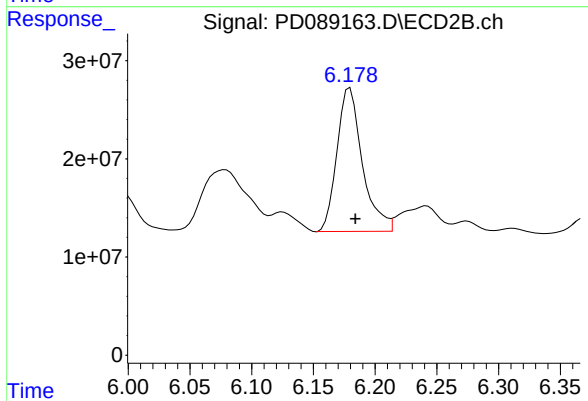
#14 Endrin

R.T.: 5.789 min
Delta R.T.: 0.000 min
Response: 41494828
Conc: 1.91 ng/ml



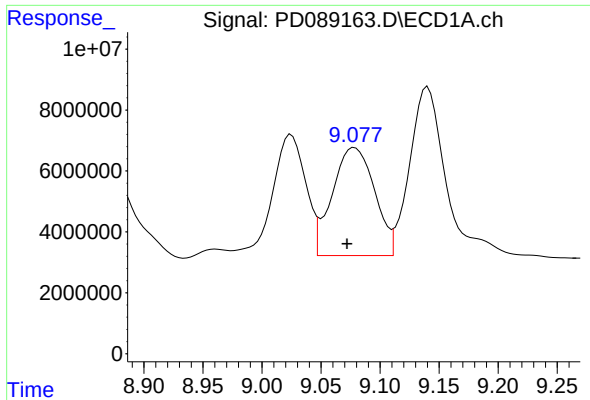
#17 4,4'-DDT

R.T.: 7.022 min
Delta R.T.: 0.002 min
Response: 14703479
Conc: 3.88 ng/ml



#17 4,4'-DDT

R.T.: 6.180 min
Delta R.T.: -0.004 min
Response: 209354831
Conc: 10.32 ng/ml



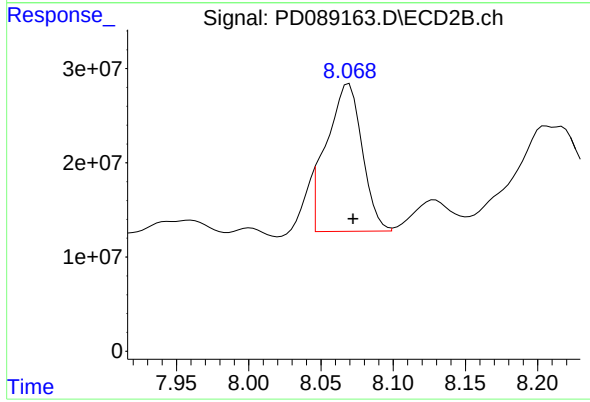
#28 Decachlorobiphenyl

R.T.: 9.077 min
Delta R.T.: 0.005 min
Response: 88592036
Conc: 22.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
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#28 Decachlorobiphenyl

R.T.: 8.068 min
Delta R.T.: -0.004 min
Response: 263149563
Conc: 13.31 ng/ml m