

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062325\
 Data File : PD089081.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Jun 2025 14:39
 Operator : AR\AJ
 Sample : Q2380-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 VNJ-211

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 01:51:06 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...	3.550	2.881	55857290	328.9E6	19.578	19.400
2) SA Decachlor...	9.072	8.070	81153482	318.3E6	20.662m	16.100m
Target Compounds						
8) B Heptachlo...	5.689	4.871	28997580	118.3E6	6.011m	5.404m
10) B gamma-Chl...	5.945	5.125	45654706	197.9E6	9.535m	8.271
11) B alpha-Chl...	6.032	5.189	108.6E6	304.9E6	22.451	13.315 #
12) B 4,4'-DDE	6.195	5.373	11163319	57761891	2.560	2.521m
13) MA Dieldrin	6.345	5.510	4730511	61903708	0.986m	2.667m#
14) MA Endrin	6.572	5.792	2041549	31894366	0.495m	1.469 #
17) MA 4,4'-DDT	7.021	6.181	9901969	86387131	2.614	4.260 #

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

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Operator : AR\AJ
Sample : Q2380-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

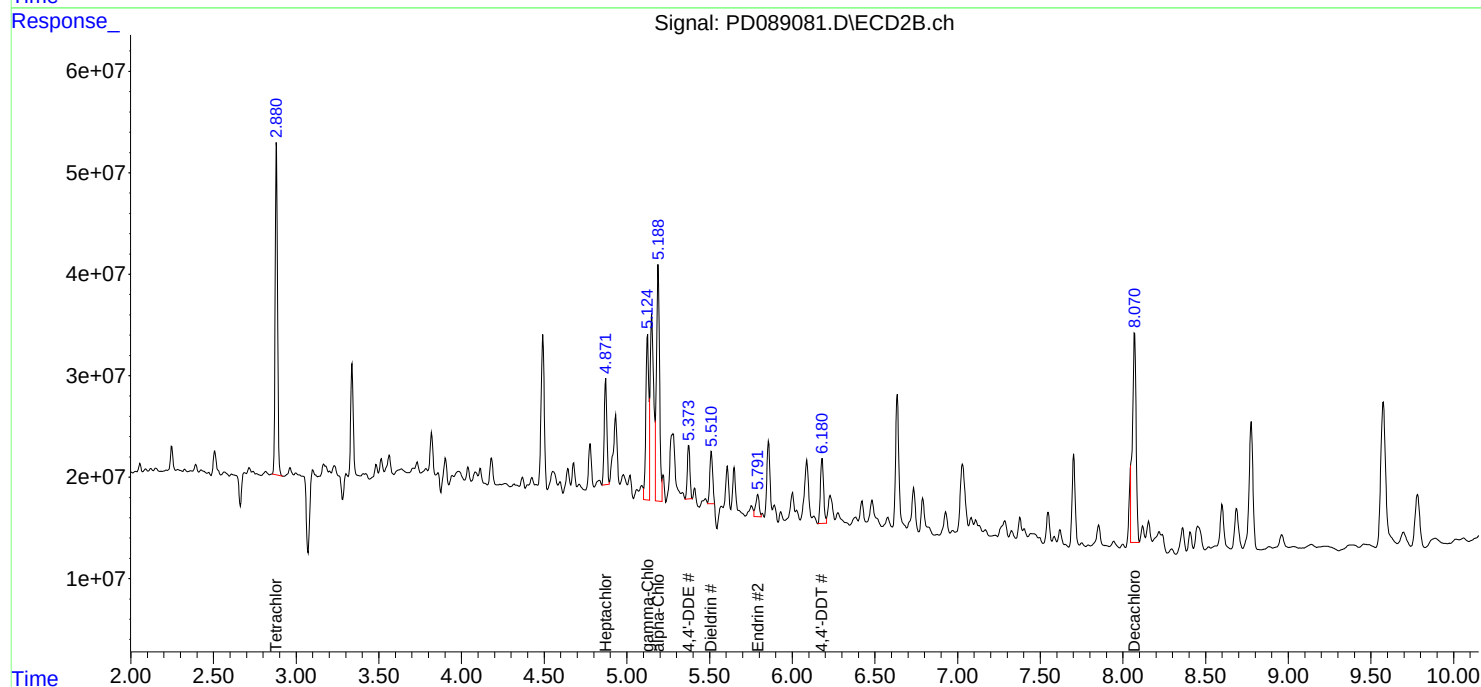
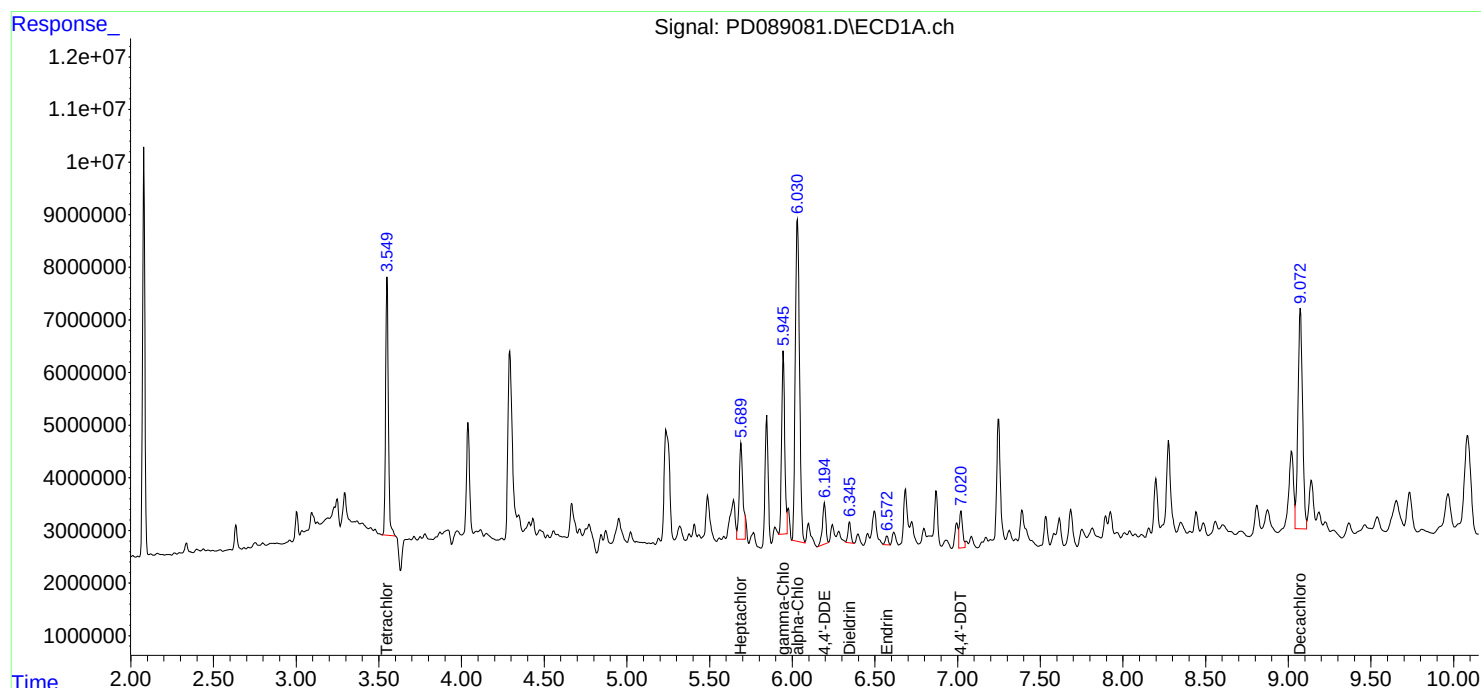
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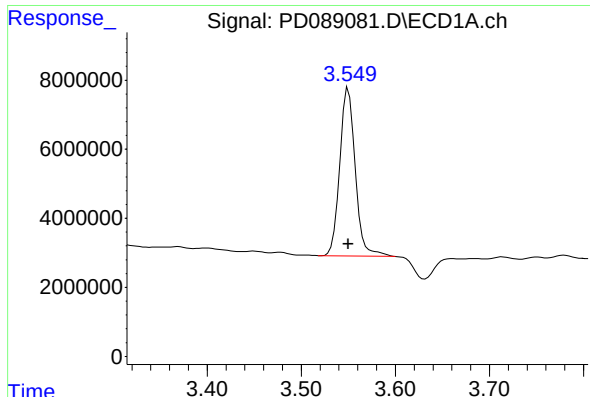
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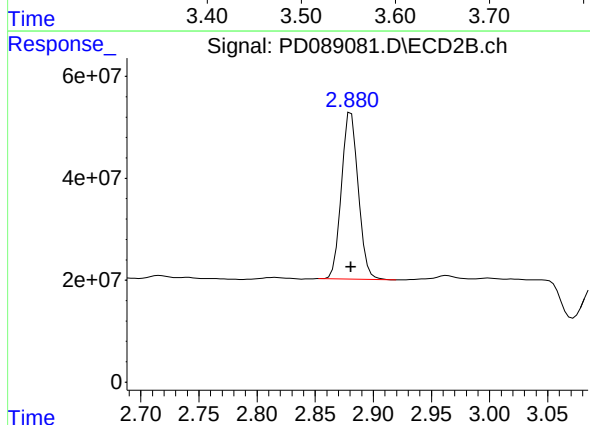
#1 Tetrachloro-m-xylene

R.T.: 3.550 min
Delta R.T.: 0.000 min
Response: 55857290
Conc: 19.58 ng/ml

Instrument :
ECD_D
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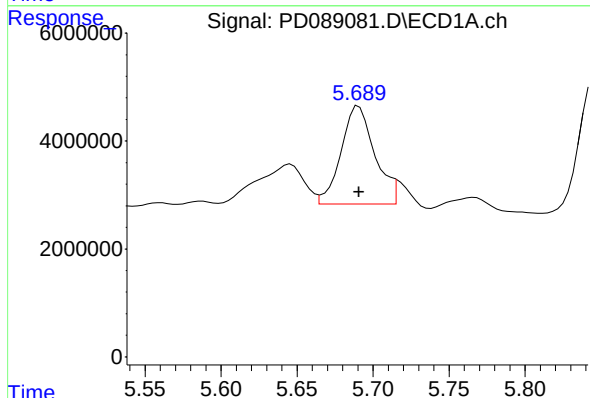
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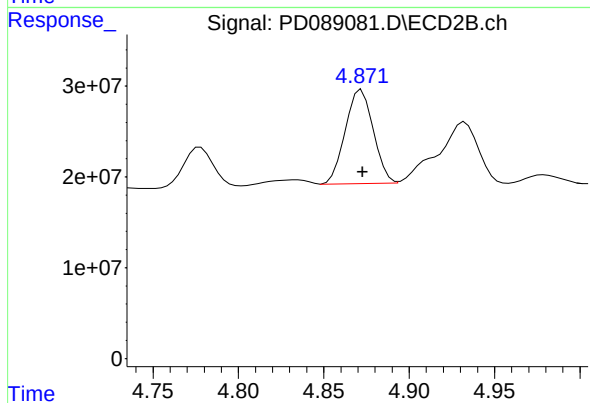
#1 Tetrachloro-m-xylene

R.T.: 2.881 min
Delta R.T.: 0.000 min
Response: 328896842
Conc: 19.40 ng/ml



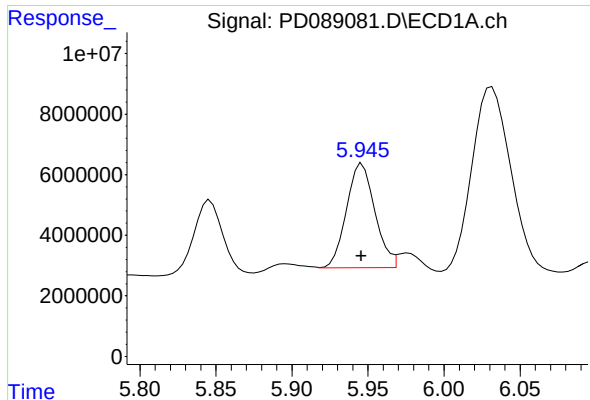
#8 Heptachlor epoxide

R.T.: 5.689 min
Delta R.T.: -0.002 min
Response: 28997580
Conc: 6.01 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.871 min
Delta R.T.: -0.002 min
Response: 118343410
Conc: 5.40 ng/ml m



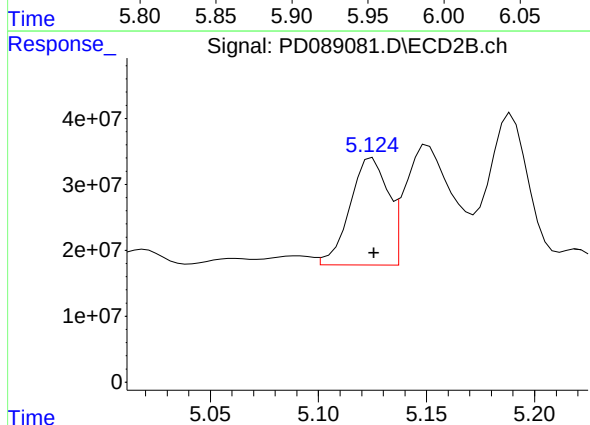
#10 gamma-Chlordane

R.T.: 5.945 min
Delta R.T.: 0.000 min
Response: 45654706
Conc: 9.54 ng/ml

Instrument :
ECD_D
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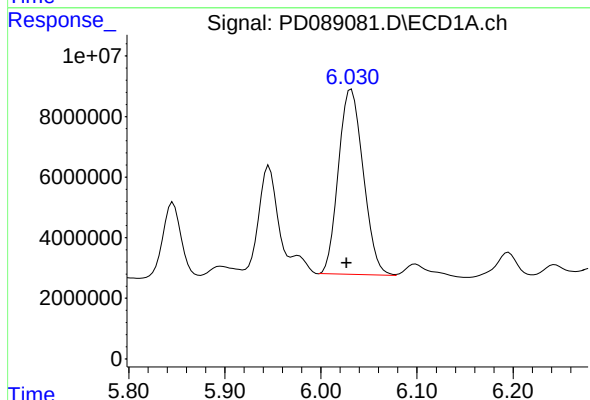
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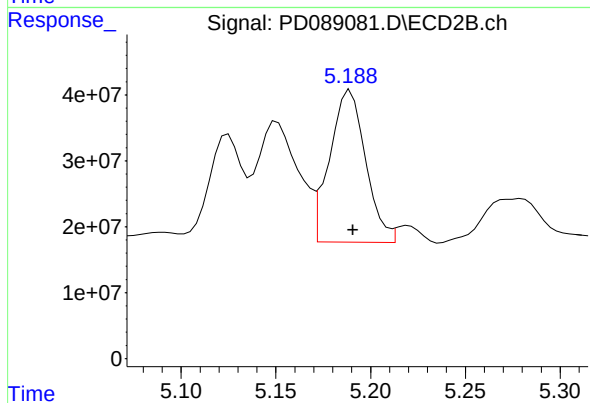
#10 gamma-Chlordane

R.T.: 5.125 min
Delta R.T.: 0.000 min
Response: 197857636
Conc: 8.27 ng/ml



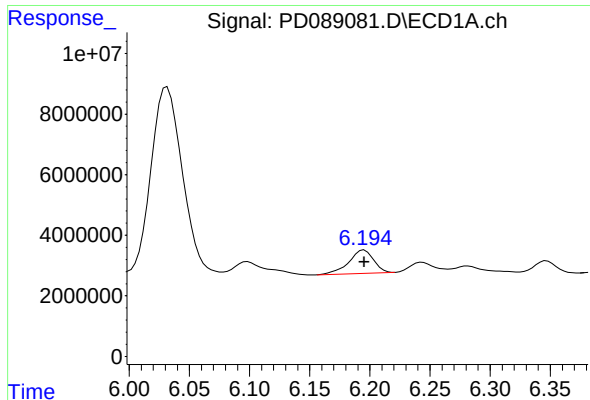
#11 alpha-Chlordane

R.T.: 6.032 min
Delta R.T.: 0.005 min
Response: 108629645
Conc: 22.45 ng/ml



#11 alpha-Chlordane

R.T.: 5.189 min
Delta R.T.: -0.001 min
Response: 304864632
Conc: 13.31 ng/ml



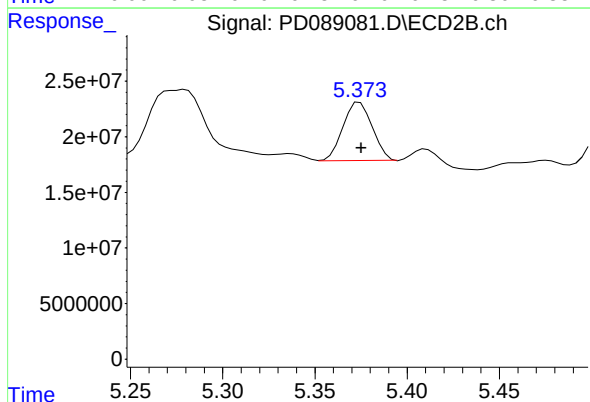
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: 0.000 min
Response: 11163319
Conc: 2.56 ng/ml

Instrument :
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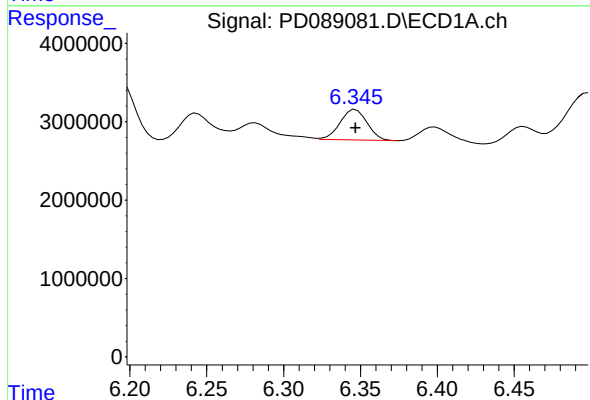
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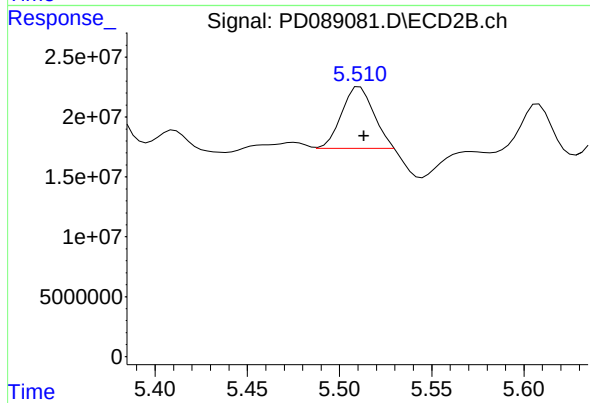
#12 4,4'-DDE

R.T.: 5.373 min
Delta R.T.: -0.002 min
Response: 57761891
Conc: 2.52 ng/ml



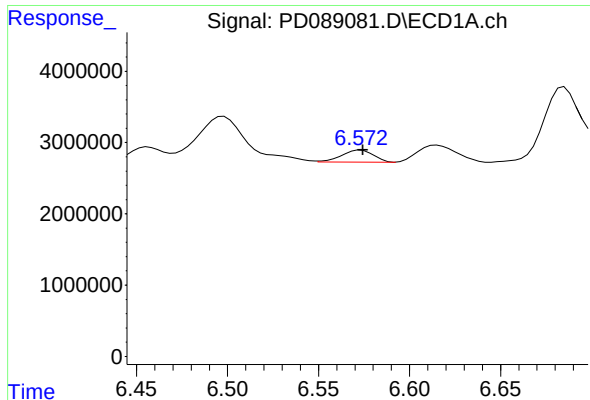
#13 Dieldrin

R.T.: 6.345 min
Delta R.T.: -0.001 min
Response: 4730511
Conc: 0.99 ng/ml



#13 Dieldrin

R.T.: 5.510 min
Delta R.T.: -0.004 min
Response: 61903708
Conc: 2.67 ng/ml



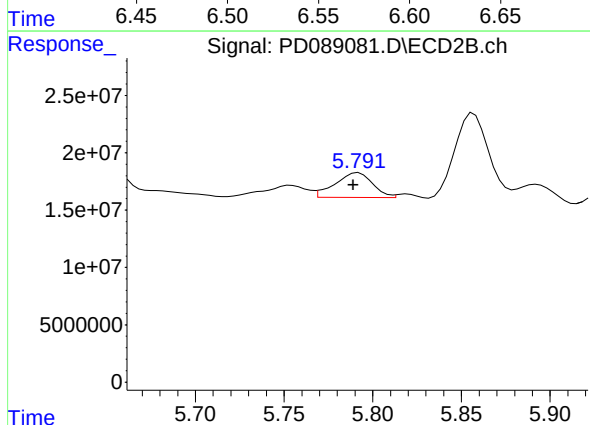
#14 Endrin

R.T.: 6.572 min
Delta R.T.: -0.003 min
Response: 2041549
Conc: 0.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
VNJ-211

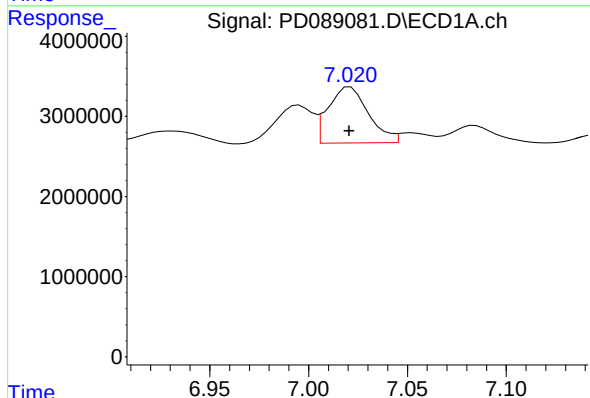
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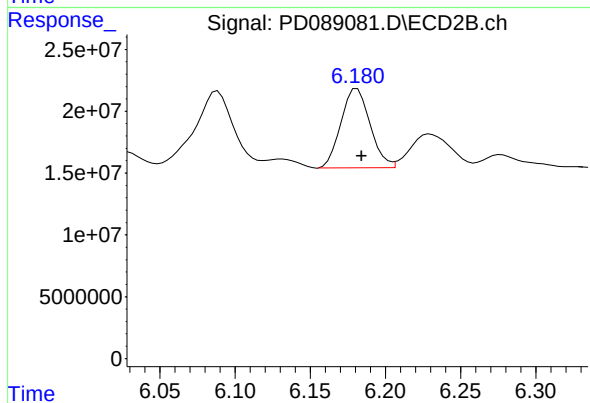
#14 Endrin

R.T.: 5.792 min
Delta R.T.: 0.003 min
Response: 31894366
Conc: 1.47 ng/ml



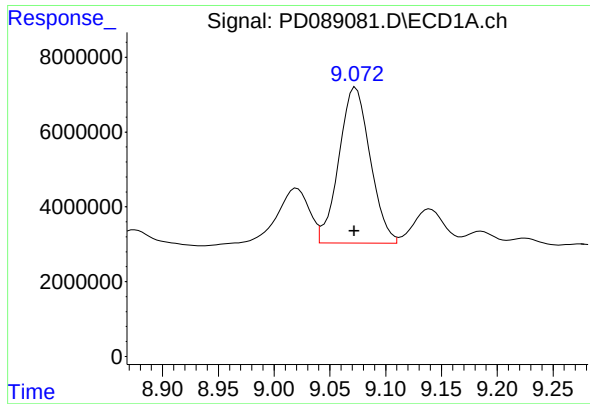
#17 4,4'-DDT

R.T.: 7.021 min
Delta R.T.: 0.000 min
Response: 9901969
Conc: 2.61 ng/ml



#17 4,4'-DDT

R.T.: 6.181 min
Delta R.T.: -0.003 min
Response: 86387131
Conc: 4.26 ng/ml



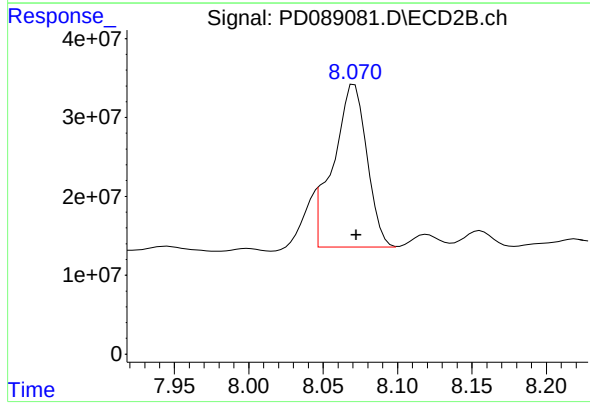
#28 Decachlorobiphenyl

R.T.: 9.072 min
Delta R.T.: 0.000 min
Response: 81153482
Conc: 20.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
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#28 Decachlorobiphenyl

R.T.: 8.070 min
Delta R.T.: -0.003 min
Response: 318297059
Conc: 16.10 ng/ml m