

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120125\
 Data File : PD091407.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Dec 2025 12:59
 Operator : AR\AJ
 Sample : Q3725-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 STOCKPILE-SAMPLES

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/02/2025
 Supervised By :mohammad ahmed 12/03/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 02 02:12:06 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 15 04:46:13 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...	3.540	2.872	70986467	743.5E6	20.584m	20.298
28)	SA Decachlor...	9.058	8.053	55322114	456.3E6	11.105m	11.530m
Target Compounds							
4)	MA Heptachlor	4.922	4.070	3475345	37376315	0.485m	0.677 #
7)	B delta-BHC	4.766	4.255	12030545	28347974	1.619m	0.485m#
10)	B gamma-Chl...	5.935	5.111	37459767	381.1E6	5.762	6.976
11)	B alpha-Chl...	6.018	5.175	57482208	385.5E6	8.352	7.367
12)	B 4,4'-DDE	6.182	5.360	29218237	273.9E6	5.038m	5.125
13)	MA Dieldrin	6.334	5.496	6737156	85731608	1.042m	1.579m#
16)	A 4,4'-DDD	6.692	5.914	14788004	97471519	3.011m	1.995m#
17)	MA 4,4'-DDT	7.008	6.168	14383761	233.4E6	3.478m	5.966 #

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

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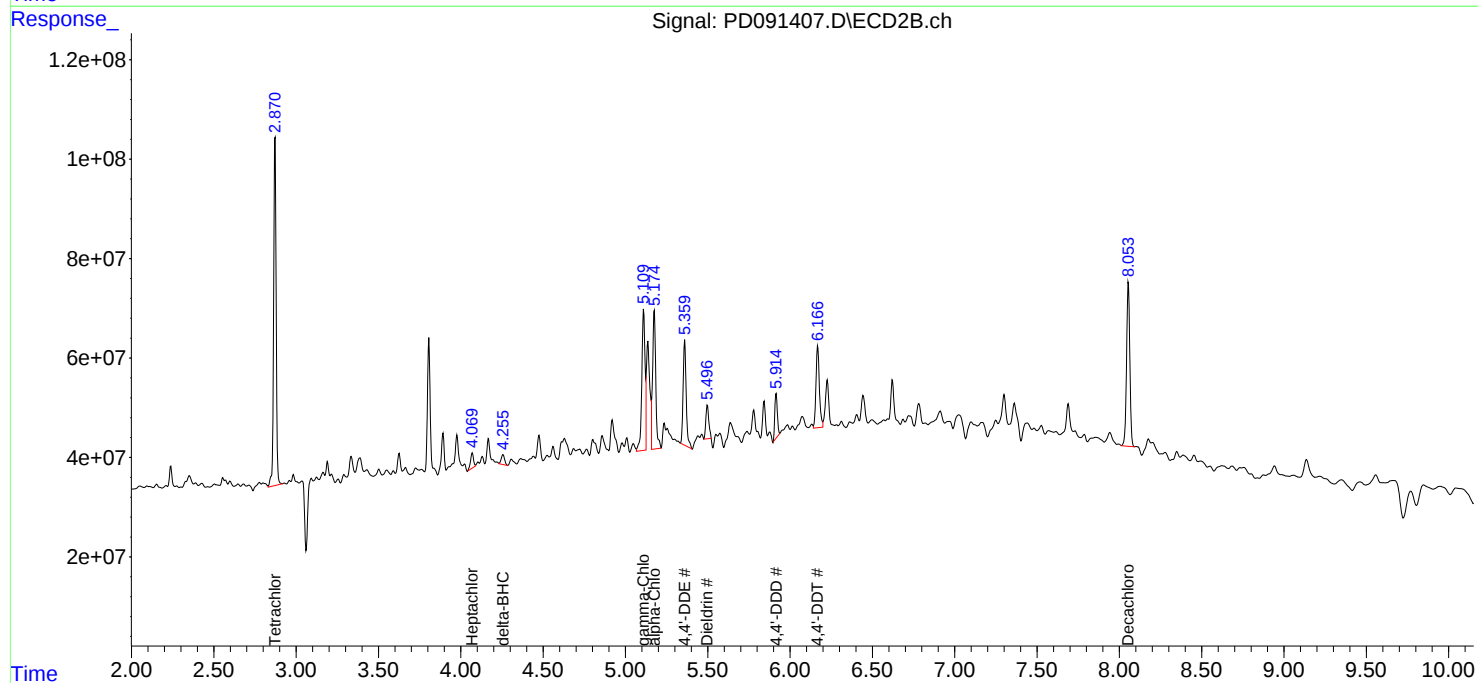
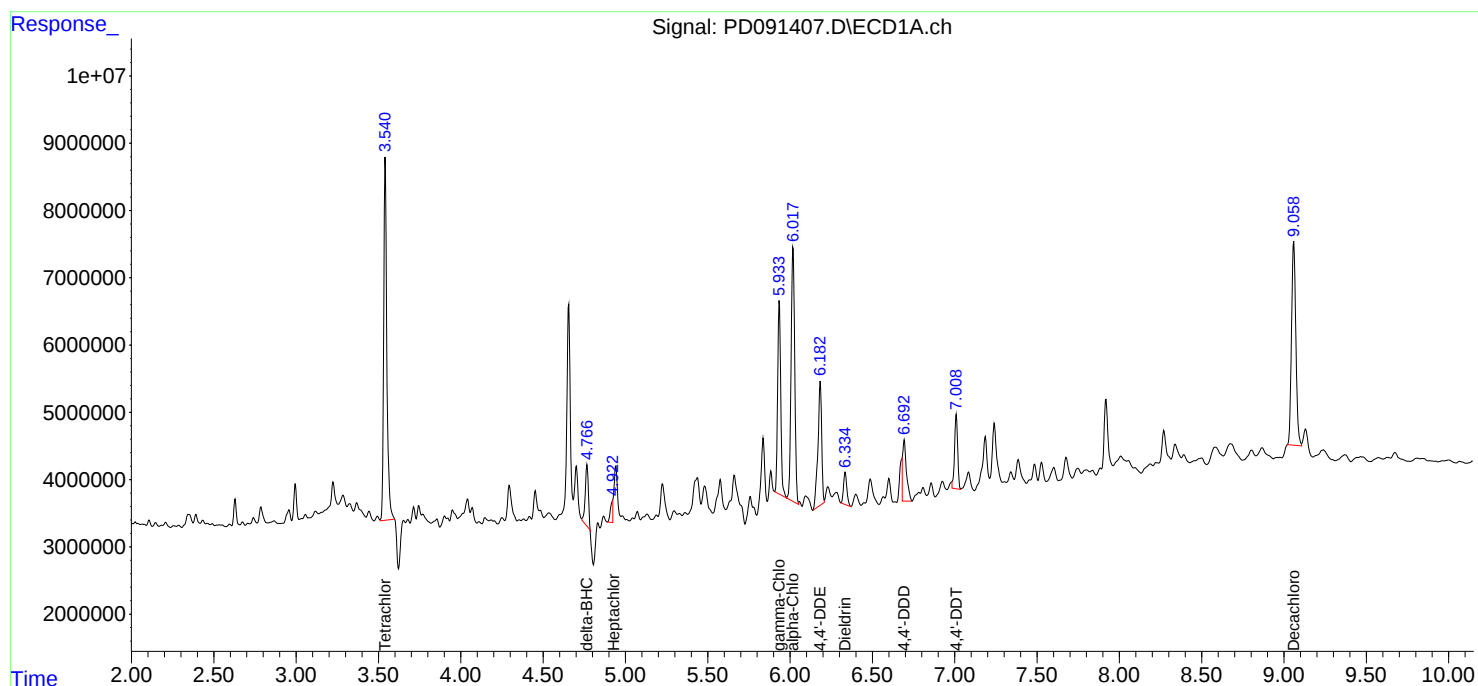
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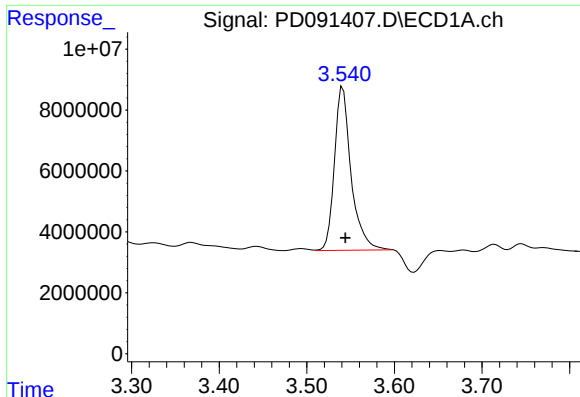
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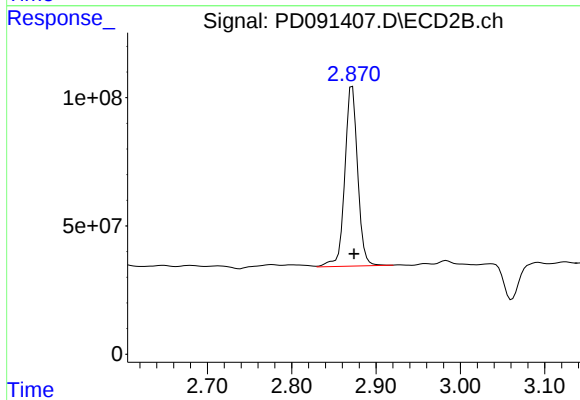
#1 Tetrachloro-m-xylene

R.T.: 3.540 min
Delta R.T.: -0.004 min
Response: 70986467
Conc: 20.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
STOCKPILE-SAMPLES

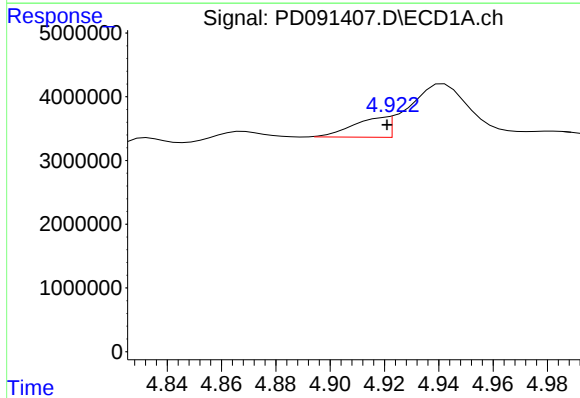
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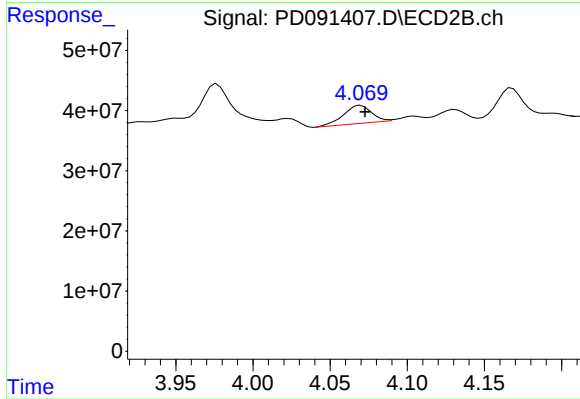
#1 Tetrachloro-m-xylene

R.T.: 2.872 min
Delta R.T.: -0.002 min
Response: 743506410
Conc: 20.30 ng/ml



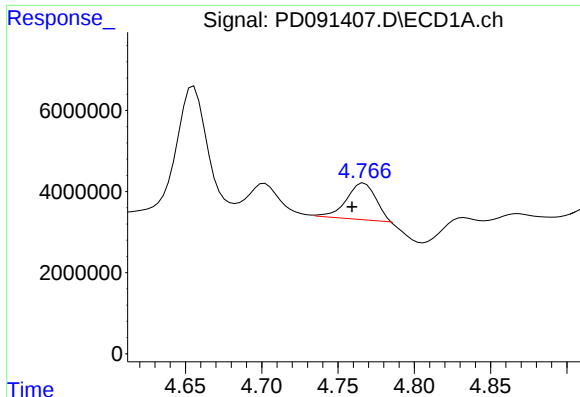
#4 Heptachlor

R.T.: 4.922 min
Delta R.T.: 0.001 min
Response: 3475345
Conc: 0.49 ng/ml m



#4 Heptachlor

R.T.: 4.070 min
Delta R.T.: -0.003 min
Response: 37376315
Conc: 0.68 ng/ml



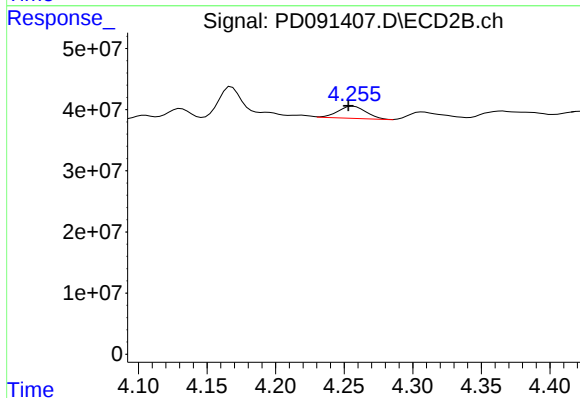
#7 delta-BHC

R.T.: 4.766 min
Delta R.T.: 0.006 min
Response: 12030545
Conc: 1.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
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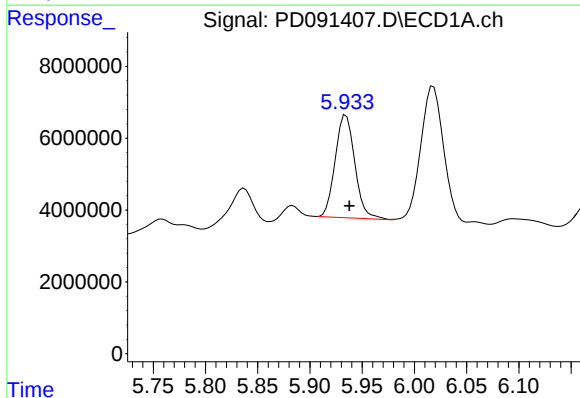
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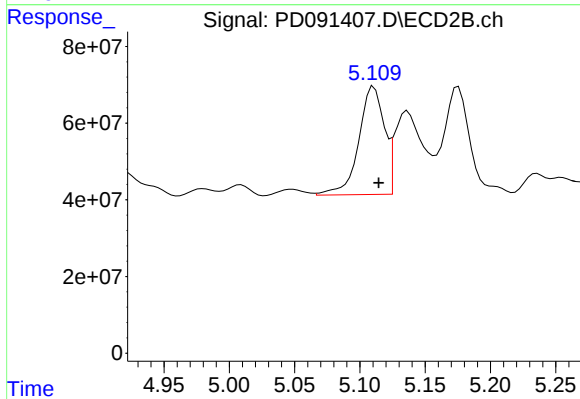
#7 delta-BHC

R.T.: 4.255 min
Delta R.T.: 0.002 min
Response: 28347974
Conc: 0.48 ng/ml m



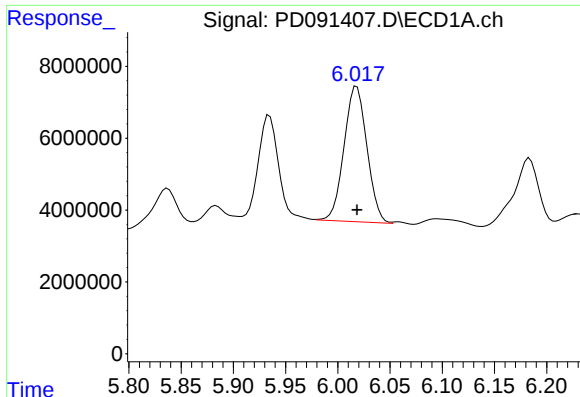
#10 gamma-Chlordane

R.T.: 5.935 min
Delta R.T.: -0.003 min
Response: 37459767
Conc: 5.76 ng/ml



#10 gamma-Chlordane

R.T.: 5.111 min
Delta R.T.: -0.004 min
Response: 381076597
Conc: 6.98 ng/ml



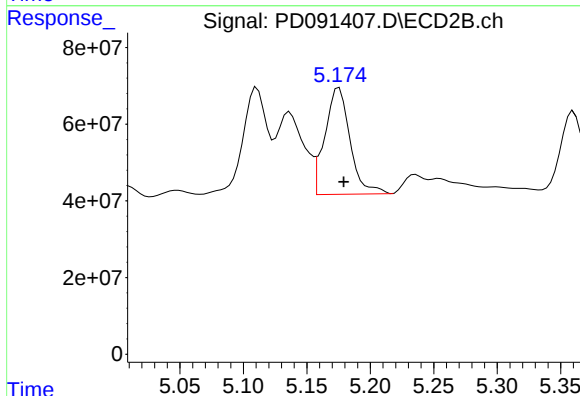
#11 alpha-Chlordane

R.T.: 6.018 min
Delta R.T.: 0.000 min
Response: 57482208
Conc: 8.35 ng/ml

Instrument :
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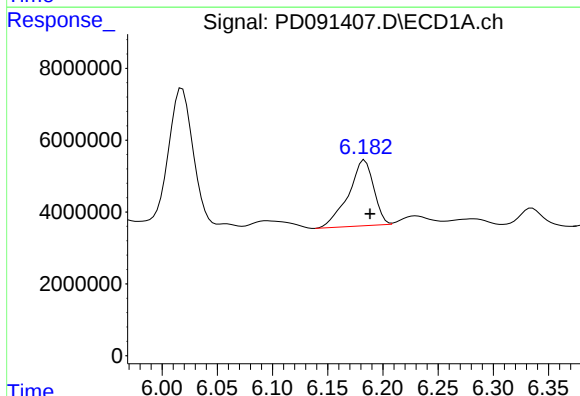
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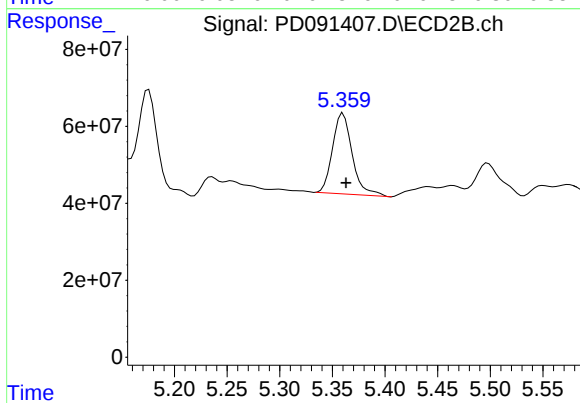
#11 alpha-Chlordane

R.T.: 5.175 min
Delta R.T.: -0.003 min
Response: 385514198
Conc: 7.37 ng/ml



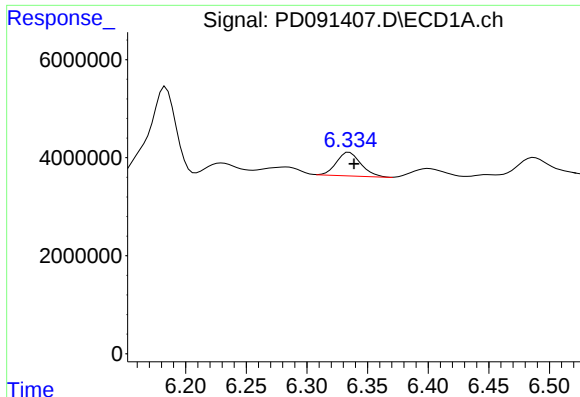
#12 4,4'-DDE

R.T.: 6.182 min
Delta R.T.: -0.006 min
Response: 29218237
Conc: 5.04 ng/ml m



#12 4,4'-DDE

R.T.: 5.360 min
Delta R.T.: -0.003 min
Response: 273866855
Conc: 5.12 ng/ml



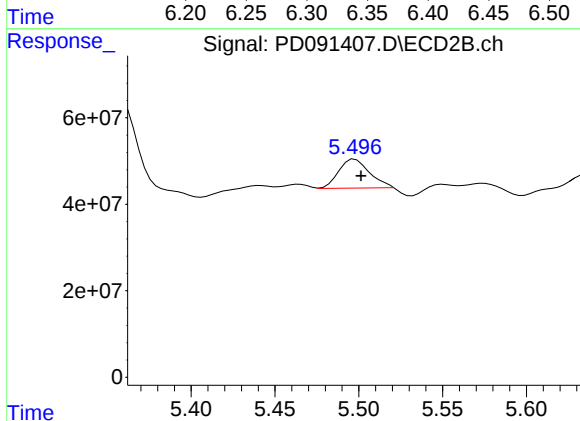
#13 Dieldrin

R.T.: 6.334 min
Delta R.T.: -0.005 min
Response: 6737156
Conc: 1.04 ng/ml

Instrument :
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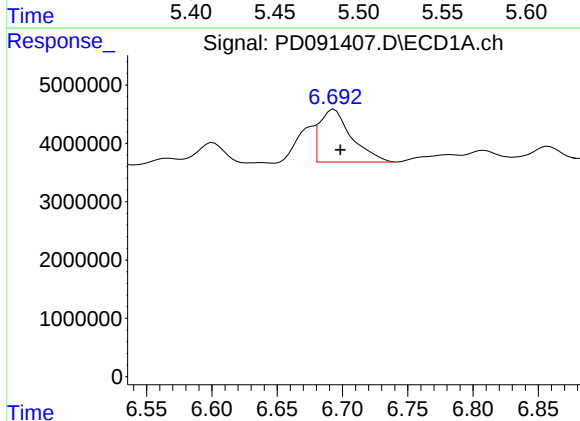
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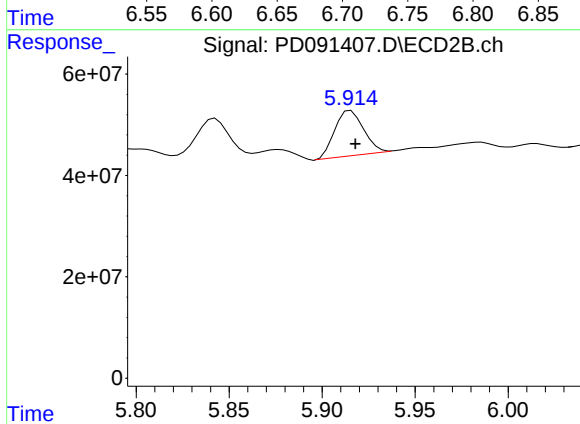
#13 Dieldrin

R.T.: 5.496 min
Delta R.T.: -0.005 min
Response: 85731608
Conc: 1.58 ng/ml m



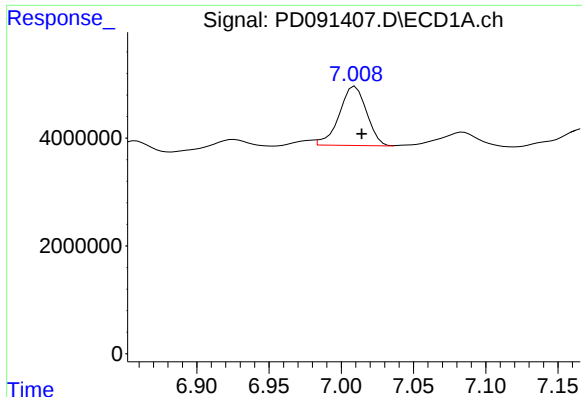
#16 4,4'-DDD

R.T.: 6.692 min
Delta R.T.: -0.006 min
Response: 14788004
Conc: 3.01 ng/ml m



#16 4,4'-DDD

R.T.: 5.914 min
Delta R.T.: -0.004 min
Response: 97471519
Conc: 1.99 ng/ml m



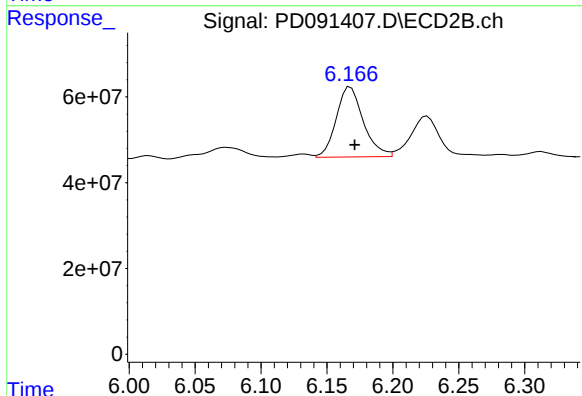
#17 4,4'-DDT

R.T.: 7.008 min
Delta R.T.: -0.006 min
Response: 14383761
Conc: 3.48 ng/ml

Instrument :
ECD_D
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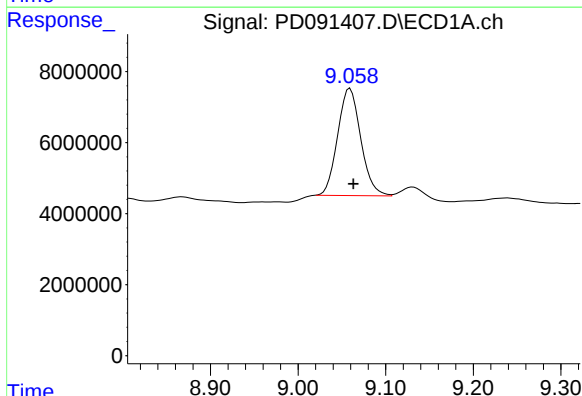
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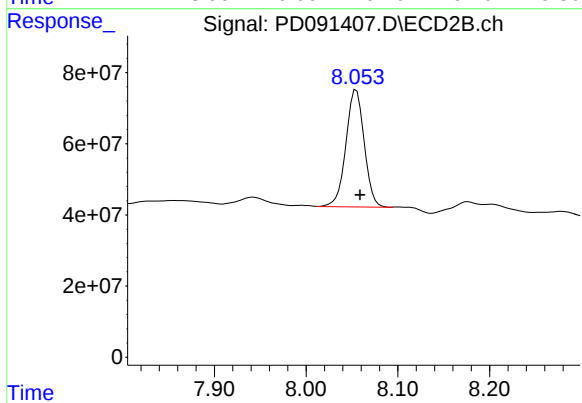
#17 4,4'-DDT

R.T.: 6.168 min
Delta R.T.: -0.003 min
Response: 233448379
Conc: 5.97 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.058 min
Delta R.T.: -0.005 min
Response: 55322114
Conc: 11.10 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.053 min
Delta R.T.: -0.005 min
Response: 456299449
Conc: 11.53 ng/ml m