

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112625\
 Data File : PD091379.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Nov 2025 16:11
 Operator : AR\AJ
 Sample : Q3719-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 SB-1125-10A

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 03:36:07 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...	3.545	2.872	56412090	686.6E6	16.358m	18.743
28)	SA Decachlor...	9.066	8.058	53042311	392.6E6	10.647m	9.920
Target Compounds							
8)	B Heptachlo...	5.683	4.859	6173427	68740135	0.950m	1.349m#
10)	B gamma-Chl...	5.939	5.113	12148483	89639358	1.869m	1.641m
11)	B alpha-Chl...	6.027	5.177	25926462	110.1E6	3.767	2.104m#
12)	B 4,4'-DDE	6.192	5.361	24744297	303.3E6	4.267	5.675m#
13)	MA Dieldrin	6.341	5.500	7732221	146.7E6	1.196m	2.700m#
14)	MA Endrin	6.570	5.780	2313350	33398806	0.466m	0.739m#
16)	A 4,4'-DDD	6.699	5.917	9883885	86937308	2.012m	1.779m
17)	MA 4,4'-DDT	7.017	6.170	10439428	197.7E6	2.524	5.051 #

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

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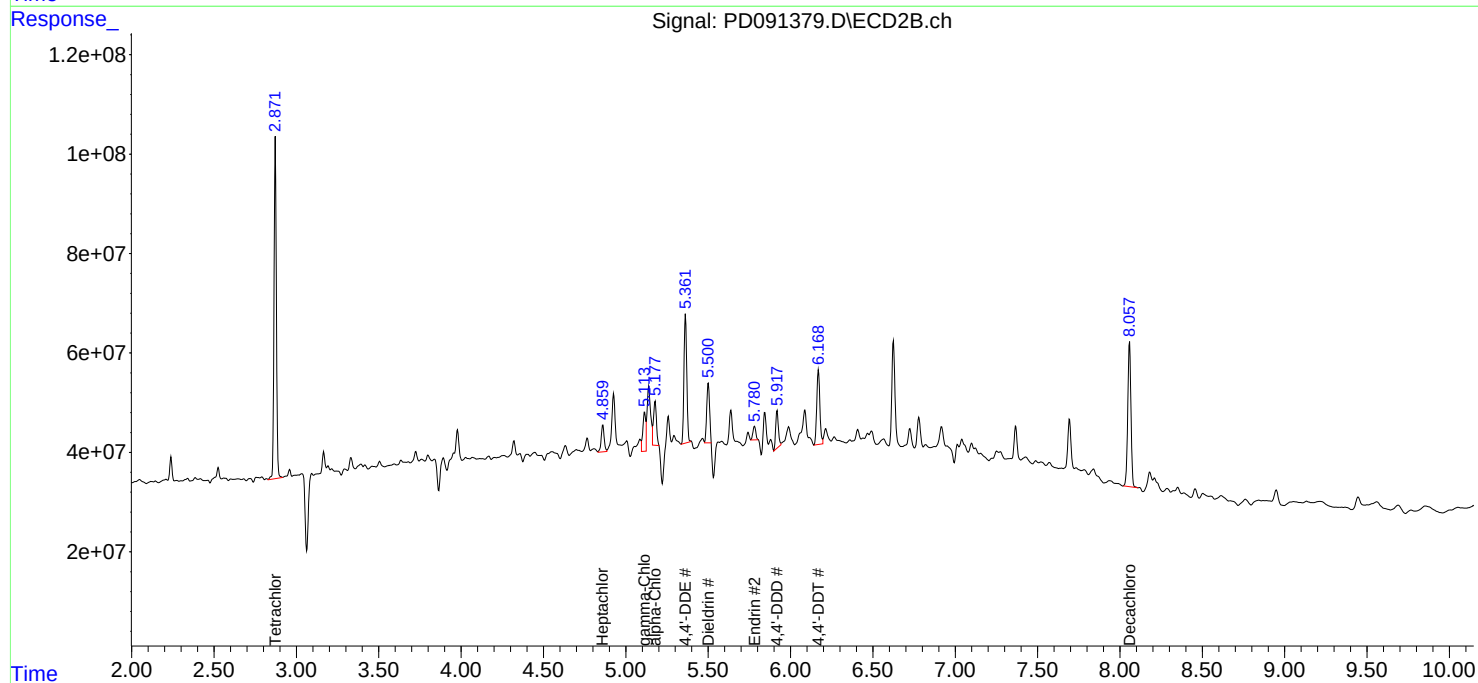
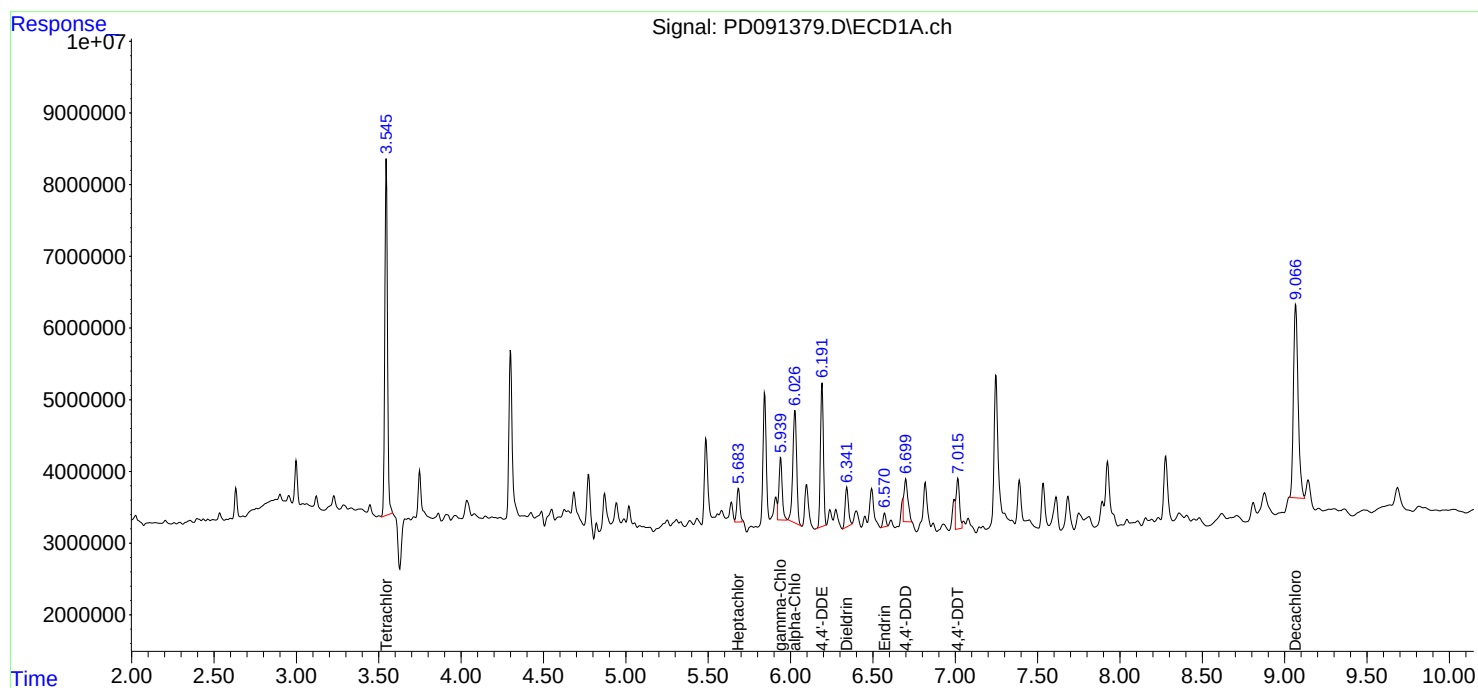
Instrument :
ECD_D
ClientSampleId :
SB-1125-10A

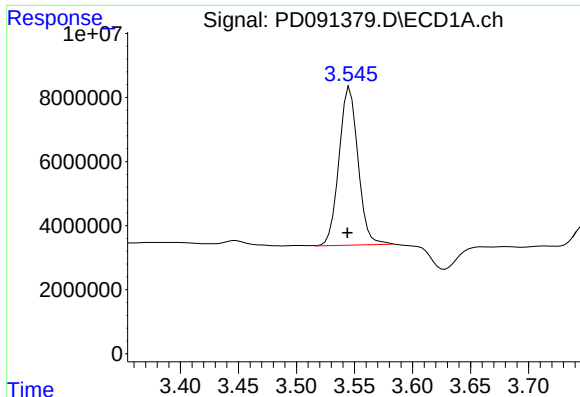
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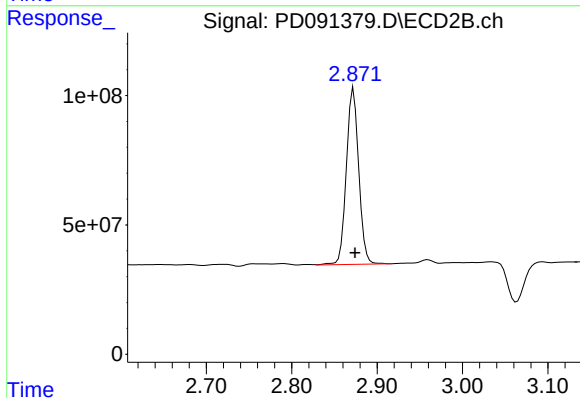
#1 Tetrachloro-m-xylene

R.T.: 3.545 min
Delta R.T.: 0.000 min
Response: 56412090
Conc: 16.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1125-10A

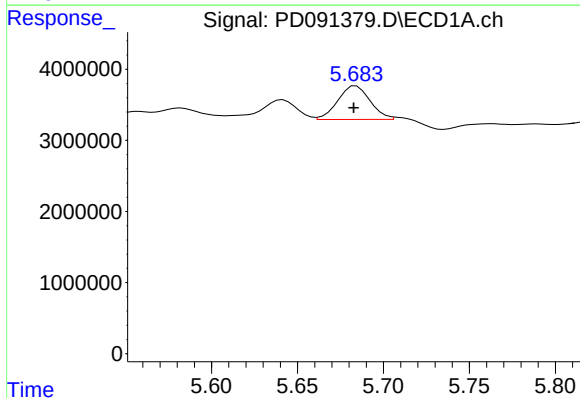
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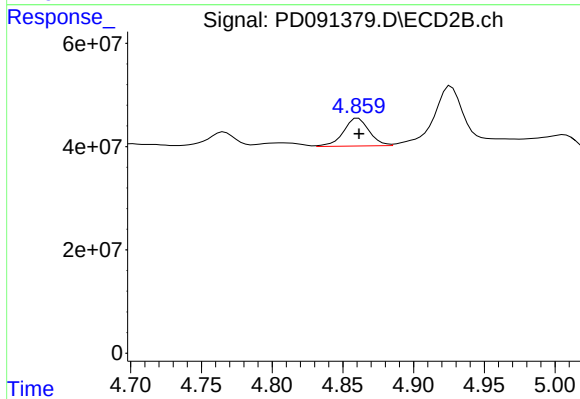
#1 Tetrachloro-m-xylene

R.T.: 2.872 min
Delta R.T.: -0.002 min
Response: 686566458
Conc: 18.74 ng/ml



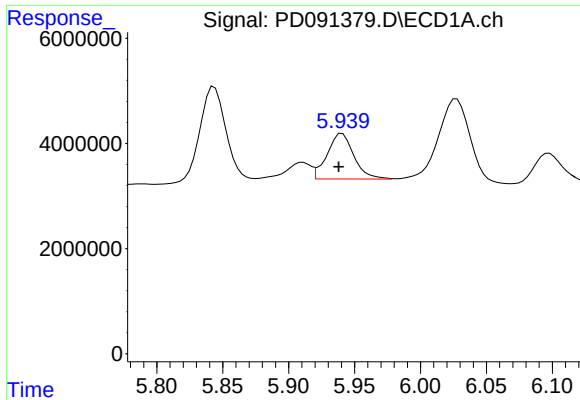
#8 Heptachlor epoxide

R.T.: 5.683 min
Delta R.T.: 0.000 min
Response: 6173427
Conc: 0.95 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.859 min
Delta R.T.: -0.002 min
Response: 68740135
Conc: 1.35 ng/ml m



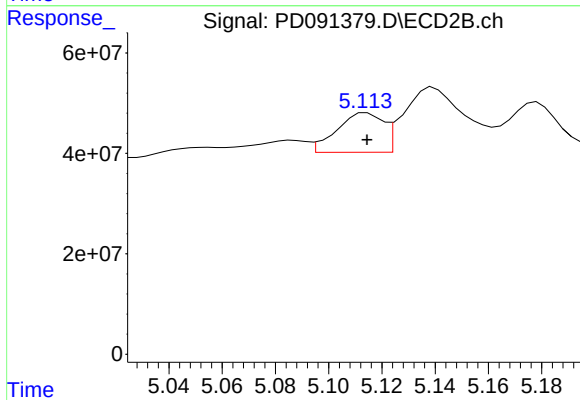
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: 0.001 min
Response: 12148483
Conc: 1.87 ng/ml

Instrument :
ECD_D
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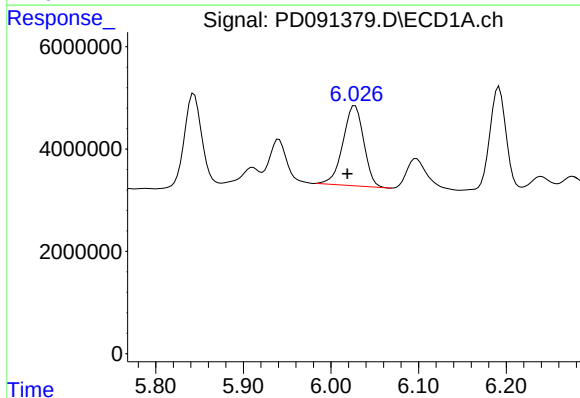
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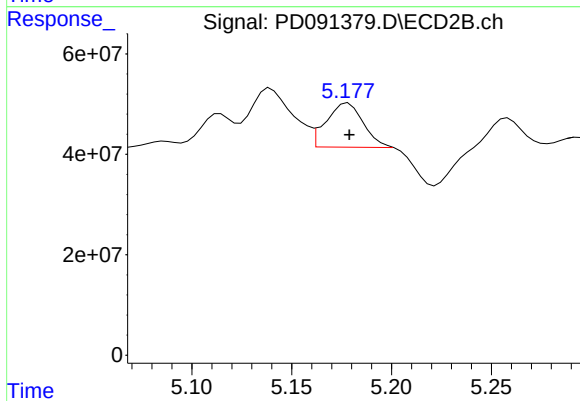
#10 gamma-Chlordane

R.T.: 5.113 min
Delta R.T.: -0.002 min
Response: 89639358
Conc: 1.64 ng/ml m



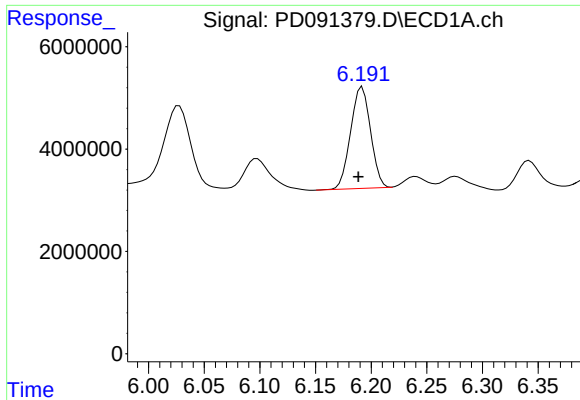
#11 alpha-Chlordane

R.T.: 6.027 min
Delta R.T.: 0.009 min
Response: 25926462
Conc: 3.77 ng/ml



#11 alpha-Chlordane

R.T.: 5.177 min
Delta R.T.: -0.002 min
Response: 110096584
Conc: 2.10 ng/ml m



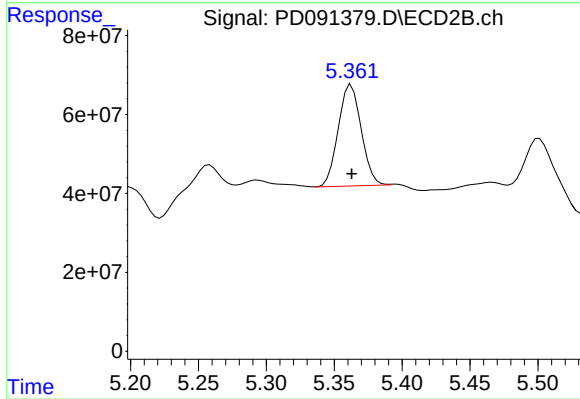
#12 4,4'-DDE

R.T.: 6.192 min
Delta R.T.: 0.003 min
Response: 24744297
Conc: 4.27 ng/ml

Instrument :
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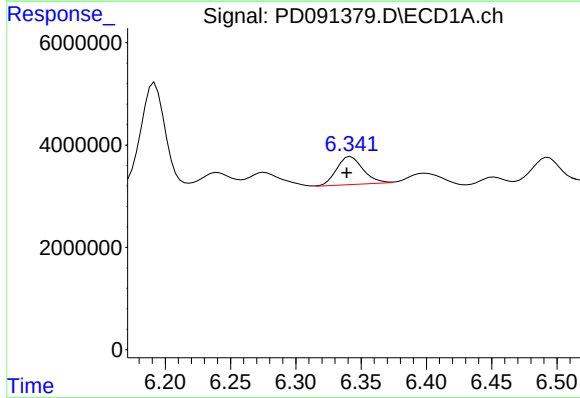
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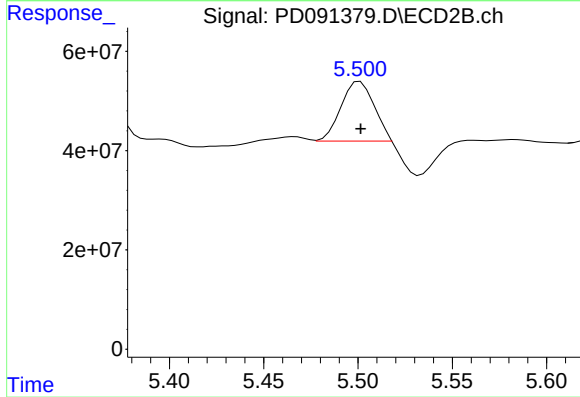
#12 4,4'-DDE

R.T.: 5.361 min
Delta R.T.: -0.002 min
Response: 303281904
Conc: 5.67 ng/ml m



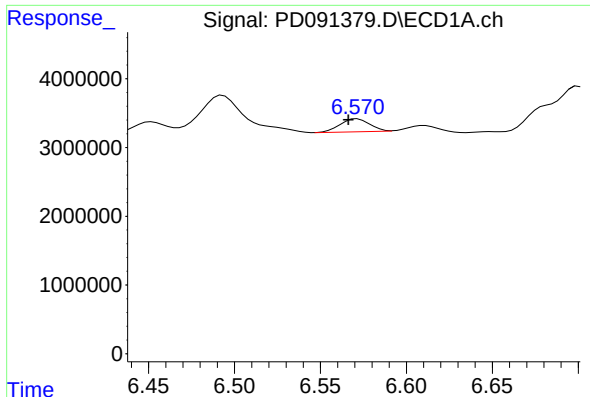
#13 Dieldrin

R.T.: 6.341 min
Delta R.T.: 0.002 min
Response: 7732221
Conc: 1.20 ng/ml m



#13 Dieldrin

R.T.: 5.500 min
Delta R.T.: -0.002 min
Response: 146663245
Conc: 2.70 ng/ml m



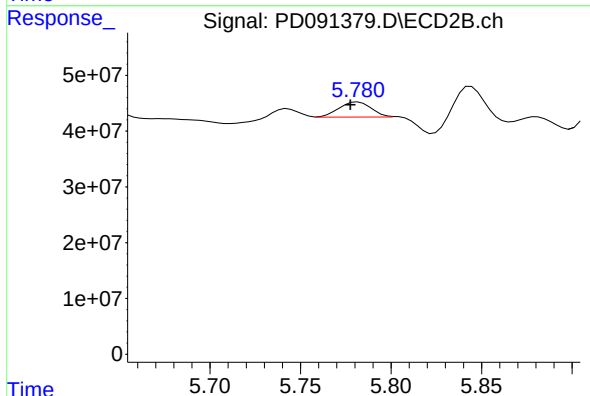
#14 Endrin

R.T.: 6.570 min
Delta R.T.: 0.004 min
Response: 2313350
Conc: 0.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1125-10A

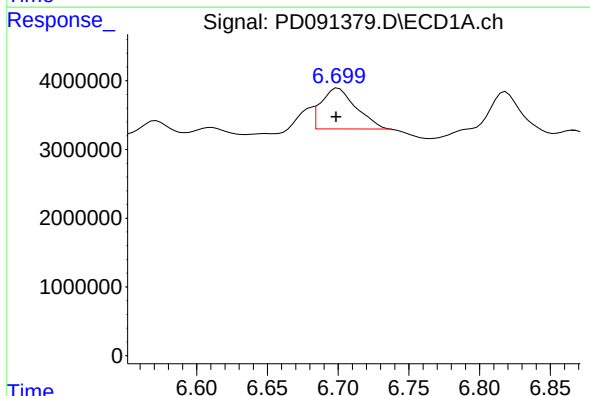
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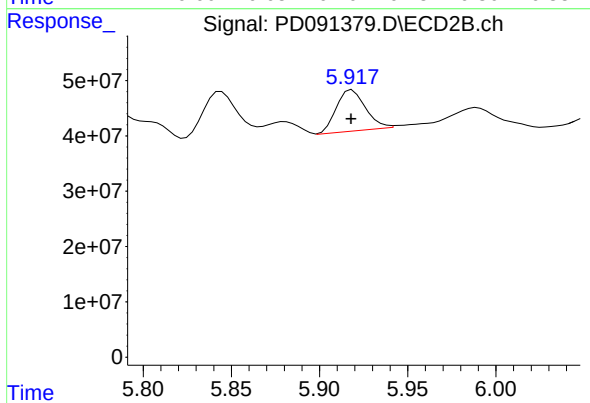
#14 Endrin

R.T.: 5.780 min
Delta R.T.: 0.003 min
Response: 33398806
Conc: 0.74 ng/ml m



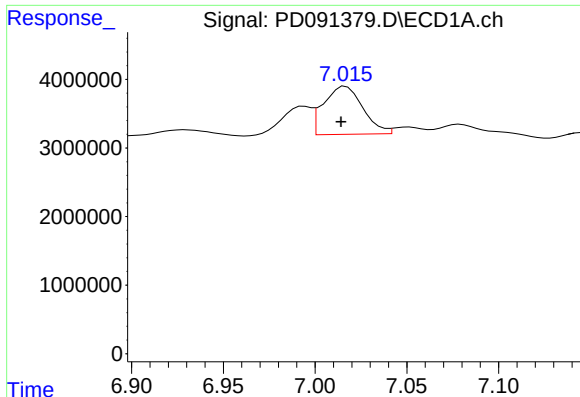
#16 4,4'-DDD

R.T.: 6.699 min
Delta R.T.: 0.000 min
Response: 9883885
Conc: 2.01 ng/ml m



#16 4,4'-DDD

R.T.: 5.917 min
Delta R.T.: 0.000 min
Response: 86937308
Conc: 1.78 ng/ml m



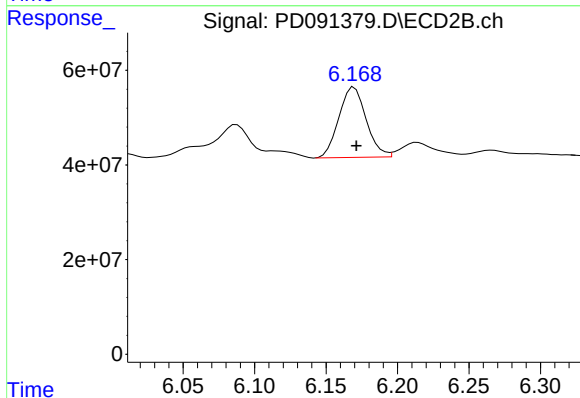
#17 4,4'-DDT

R.T.: 7.017 min
Delta R.T.: 0.002 min
Response: 10439428
Conc: 2.52 ng/ml

Instrument :
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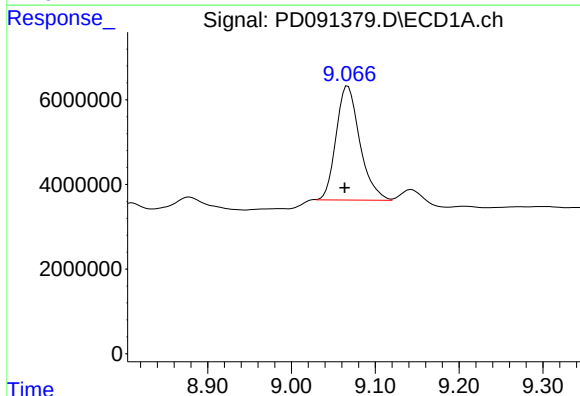
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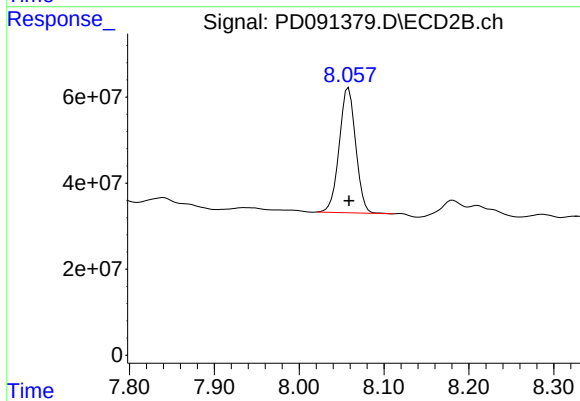
#17 4,4'-DDT

R.T.: 6.170 min
Delta R.T.: -0.001 min
Response: 197657519
Conc: 5.05 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.066 min
Delta R.T.: 0.003 min
Response: 53042311
Conc: 10.65 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.058 min
Delta R.T.: 0.000 min
Response: 392576274
Conc: 9.92 ng/ml