

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112625\
 Data File : PD091383.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Nov 2025 17:06
 Operator : AR\AJ
 Sample : Q3719-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 SB-1125-12A

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 03:37:35 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...	3.541	2.871	57725041	683.3E6	16.739m	18.653m
28)	SA Decachlor...	9.064	8.057	50268952	373.3E6	10.090	9.433
Target Compounds							
8)	B Heptachlo...	5.675	4.858	6137396	33349759	0.945m	0.654m#
10)	B gamma-Chl...	5.936	5.112	14643614	165.8E6	2.253	3.034m#
11)	B alpha-Chl...	6.020	5.176	31834793	193.2E6	4.625	3.692m
12)	B 4,4'-DDE	6.187	5.361	30680229	282.5E6	5.290m	5.286m
13)	MA Dieldrin	6.337	5.498	41835757	761.9E6	6.471m	14.029m#
14)	MA Endrin	6.566	5.779	5876736	150.8E6	1.184	3.337m#
16)	A 4,4'-DDD	6.701	5.916	18948648	197.6E6	3.858m	4.043m
17)	MA 4,4'-DDT	7.013	6.167	19080716	758.5E6	4.614	19.382 #

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

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Operator : AR\AJ
Sample : Q3719-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

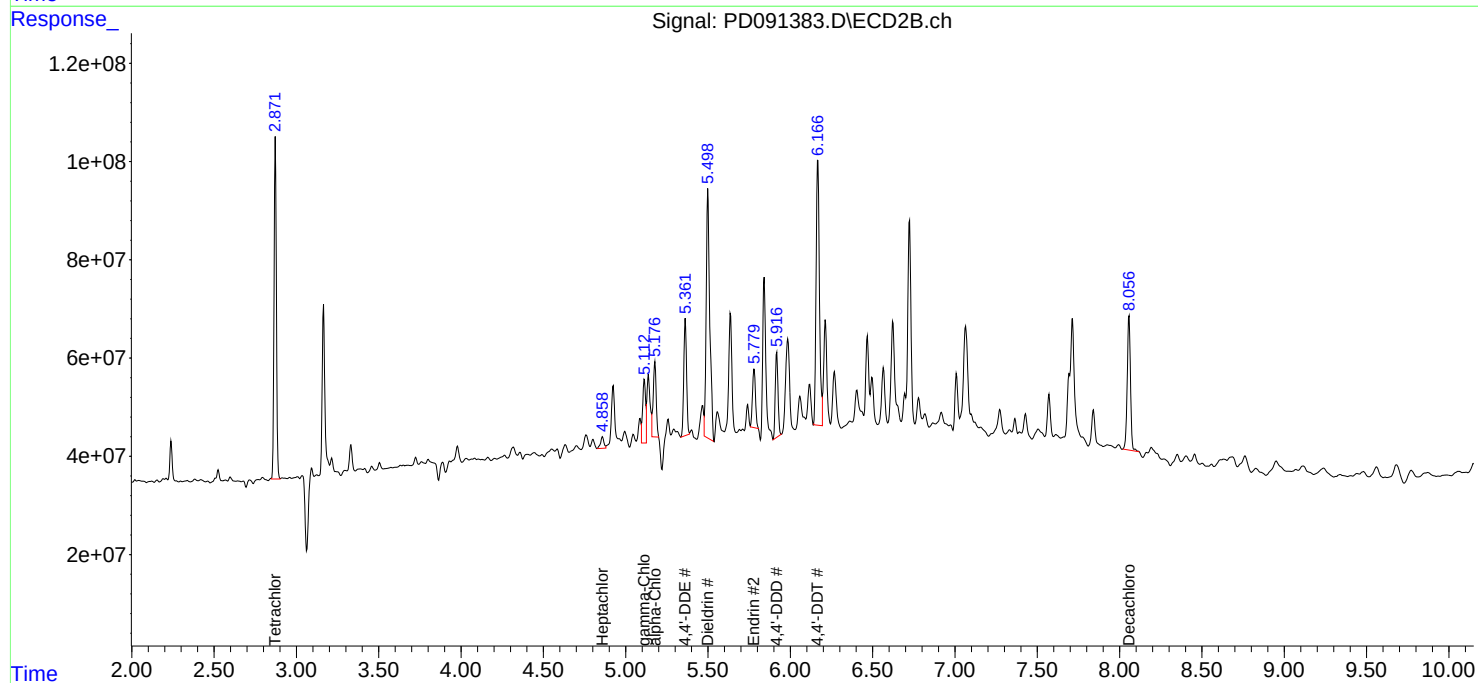
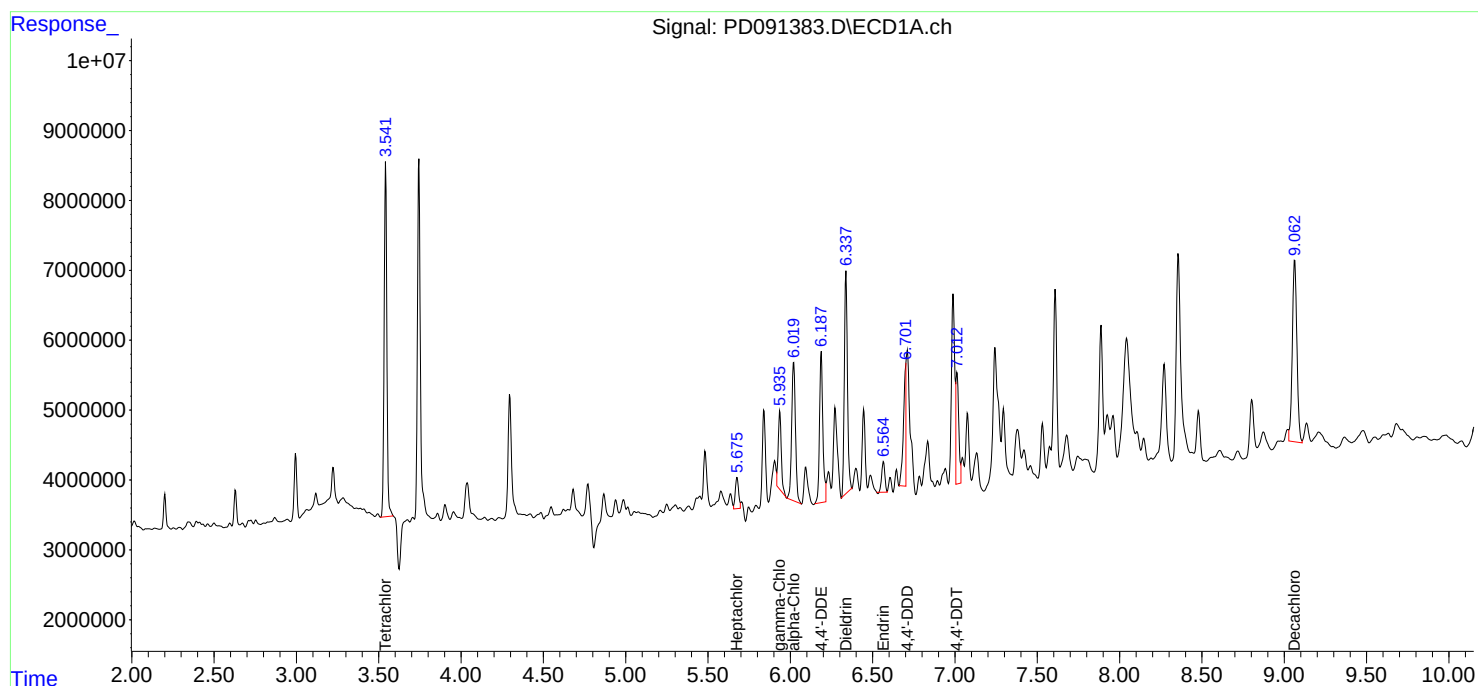
Instrument :
ECD_D
ClientSampleId :
SB-1125-12A

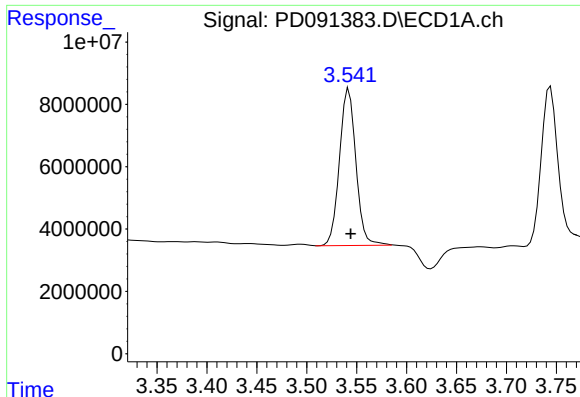
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Integration File signal 1: autoint1.e
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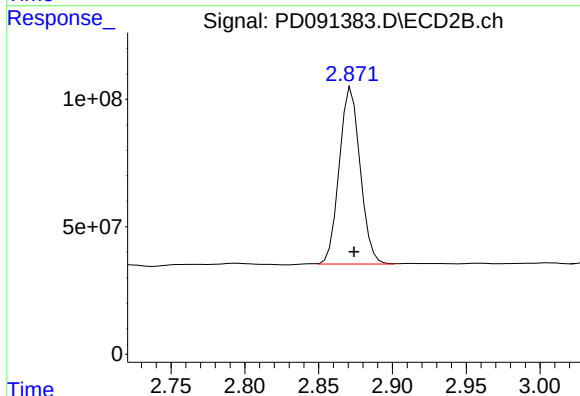
#1 Tetrachloro-m-xylene

R.T.: 3.541 min
Delta R.T.: -0.003 min
Response: 57725041
Conc: 16.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1125-12A

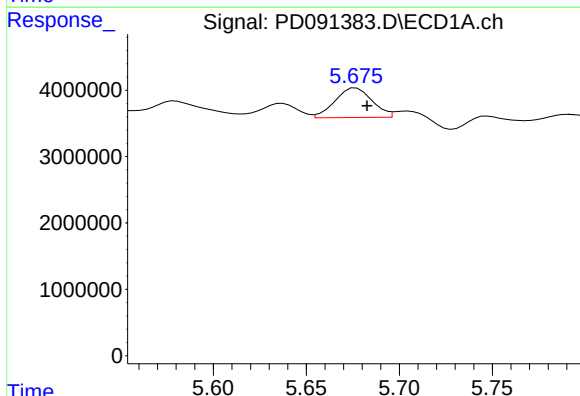
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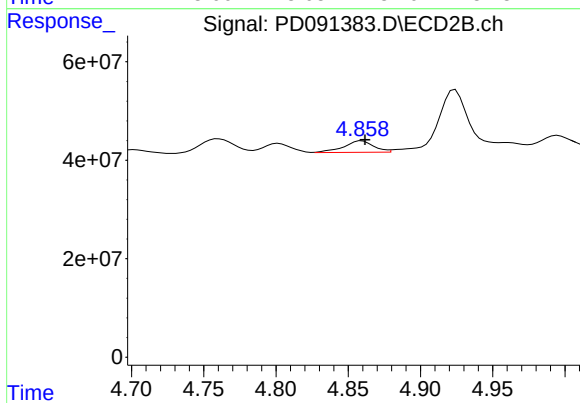
#1 Tetrachloro-m-xylene

R.T.: 2.871 min
Delta R.T.: -0.003 min
Response: 683264542
Conc: 18.65 ng/ml m



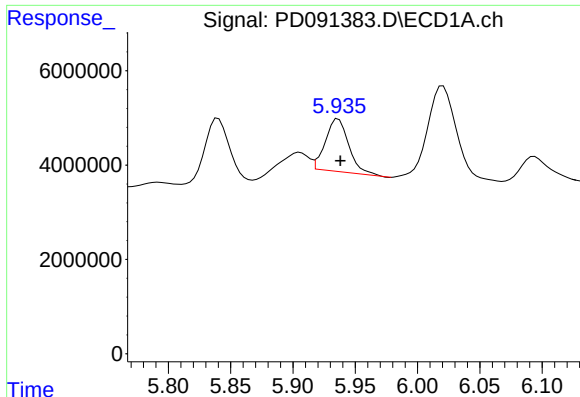
#8 Heptachlor epoxide

R.T.: 5.675 min
Delta R.T.: -0.007 min
Response: 6137396
Conc: 0.94 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.858 min
Delta R.T.: -0.004 min
Response: 33349759
Conc: 0.65 ng/ml m



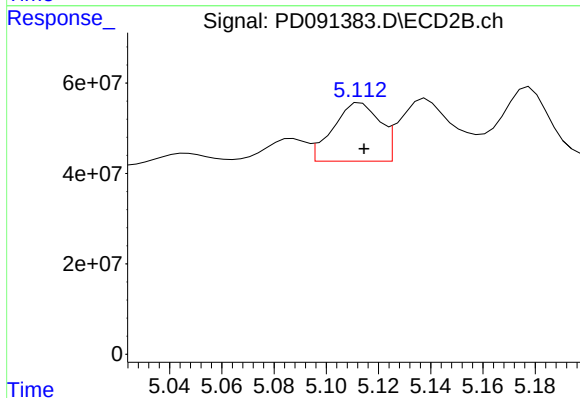
#10 gamma-Chlordane

R.T.: 5.936 min
Delta R.T.: -0.002 min
Response: 14643614
Conc: 2.25 ng/ml

Instrument :
ECD_D
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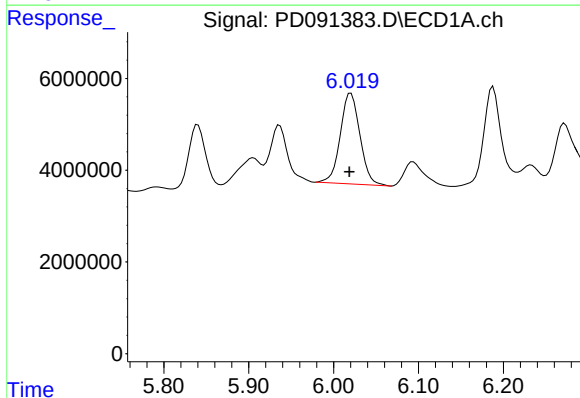
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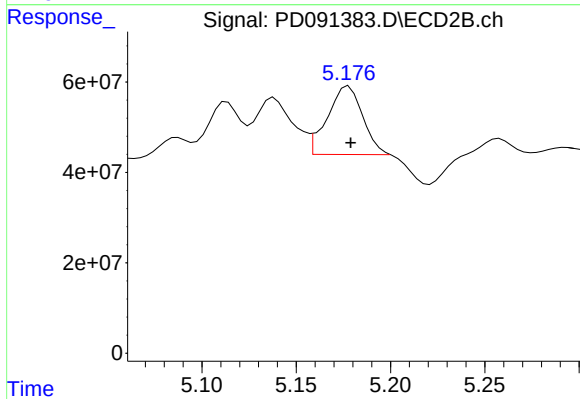
#10 gamma-Chlordane

R.T.: 5.112 min
Delta R.T.: -0.003 min
Response: 165751075
Conc: 3.03 ng/ml m



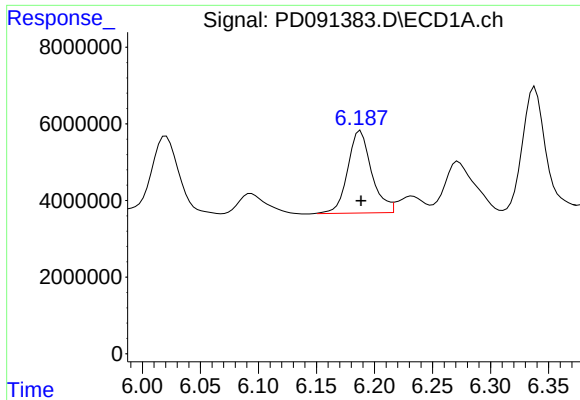
#11 alpha-Chlordane

R.T.: 6.020 min
Delta R.T.: 0.002 min
Response: 31834793
Conc: 4.63 ng/ml



#11 alpha-Chlordane

R.T.: 5.176 min
Delta R.T.: -0.003 min
Response: 193217842
Conc: 3.69 ng/ml m



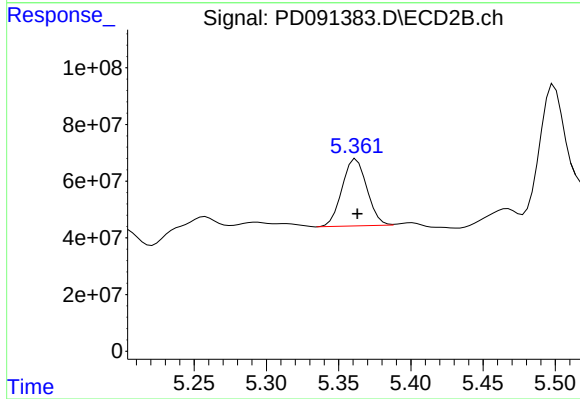
#12 4,4'-DDE

R.T.: 6.187 min
Delta R.T.: -0.002 min
Response: 30680229
Conc: 5.29 ng/ml

Instrument :
ECD_D
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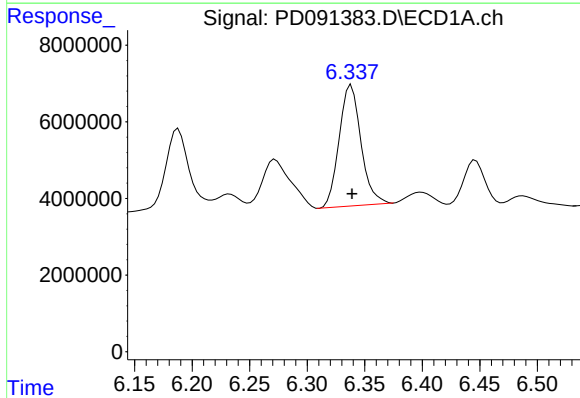
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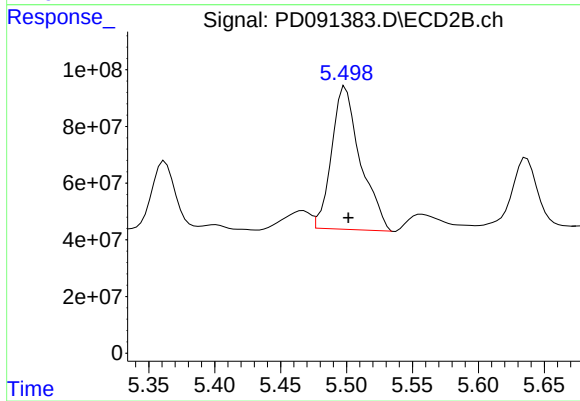
#12 4,4'-DDE

R.T.: 5.361 min
Delta R.T.: -0.002 min
Response: 282495389
Conc: 5.29 ng/ml m



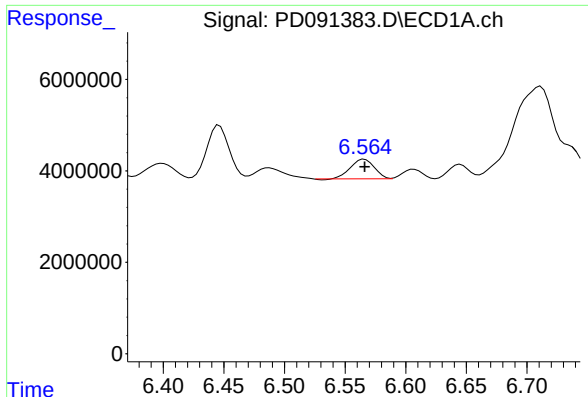
#13 Dieldrin

R.T.: 6.337 min
Delta R.T.: -0.002 min
Response: 41835757
Conc: 6.47 ng/ml m



#13 Dieldrin

R.T.: 5.498 min
Delta R.T.: -0.004 min
Response: 761930558
Conc: 14.03 ng/ml m



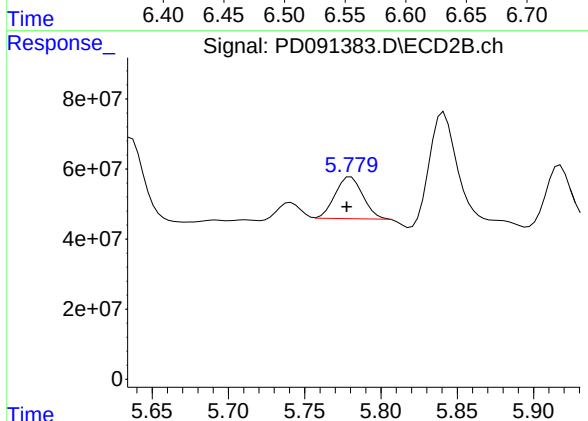
#14 Endrin

R.T.: 6.566 min
Delta R.T.: 0.000 min
Response: 5876736
Conc: 1.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1125-12A

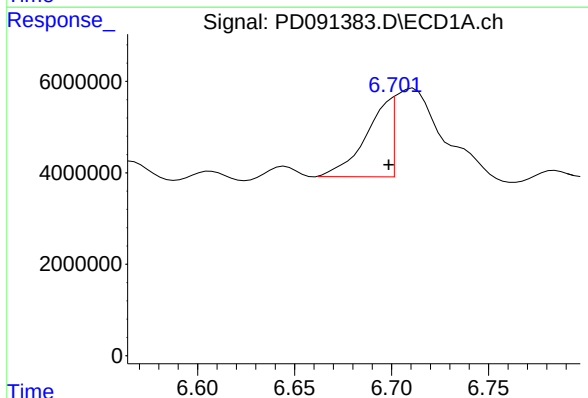
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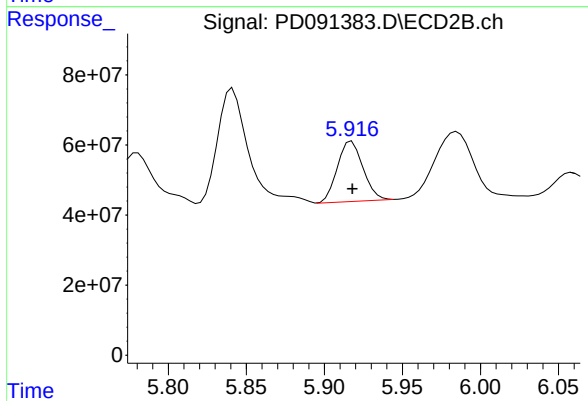
#14 Endrin

R.T.: 5.779 min
Delta R.T.: 0.001 min
Response: 150796603
Conc: 3.34 ng/ml m



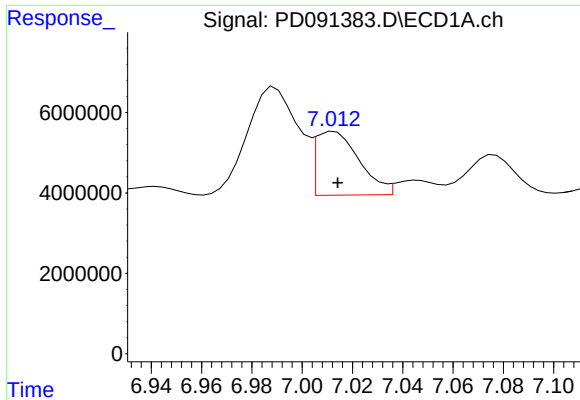
#16 4,4'-DDD

R.T.: 6.701 min
Delta R.T.: 0.002 min
Response: 18948648
Conc: 3.86 ng/ml m



#16 4,4'-DDD

R.T.: 5.916 min
Delta R.T.: -0.002 min
Response: 197552443
Conc: 4.04 ng/ml m



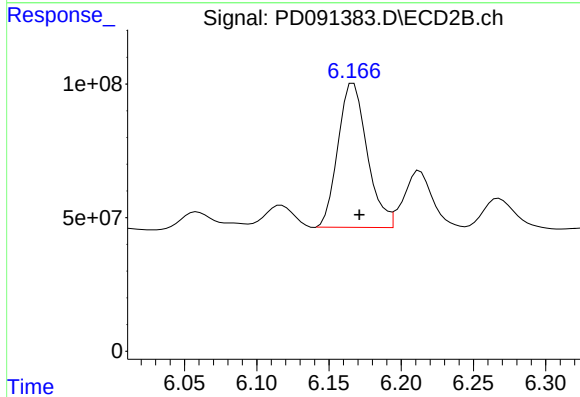
#17 4,4'-DDT

R.T.: 7.013 min
Delta R.T.: -0.001 min
Response: 19080716
Conc: 4.61 ng/ml

Instrument :
ECD_D
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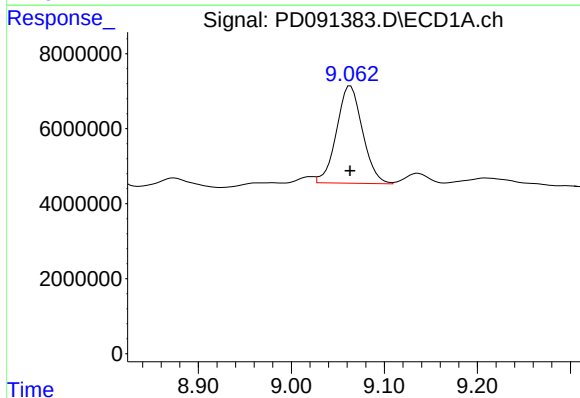
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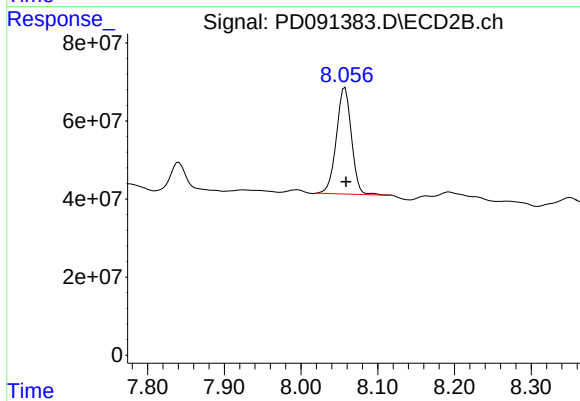
#17 4,4'-DDT

R.T.: 6.167 min
Delta R.T.: -0.004 min
Response: 758464505
Conc: 19.38 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.064 min
Delta R.T.: 0.000 min
Response: 50268952
Conc: 10.09 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.057 min
Delta R.T.: -0.001 min
Response: 373311015
Conc: 9.43 ng/ml