

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112525\
 Data File : PD091356.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Nov 2025 19:25
 Operator : AR\AJ
 Sample : Q3709-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LI-1-112125

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 11/26/2025
 Supervised By :mohammad ahmed 11/27/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 26 00:06:17 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	63501126	782.0E6	18.413m	21.347
28)	SA Decachlor...	9.059	8.053	100.4E6	796.6E6	20.156m	20.130m
Target Compounds							
4)	MA Heptachlor	4.918	4.071	5988301	55964992	0.836m	1.014
8)	B Heptachlo...	5.677	4.858	44729707	306.1E6	6.885m	6.008m
10)	B gamma-Chl...	5.934	5.111	167.3E6	1476.3E6	25.742m	27.024m
11)	B alpha-Chl...	6.018	5.175	284.0E6	1815.0E6	41.261	34.682m
12)	B 4,4'-DDE	6.186	5.361	5383542	157.4E6	0.928m	2.944 #
13)	MA Dieldrin	6.335	5.498	18947000	279.6E6	2.931	5.148m#
17)	MA 4,4'-DDT	7.011	6.168	15437656	209.7E6	3.733	5.359 #

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

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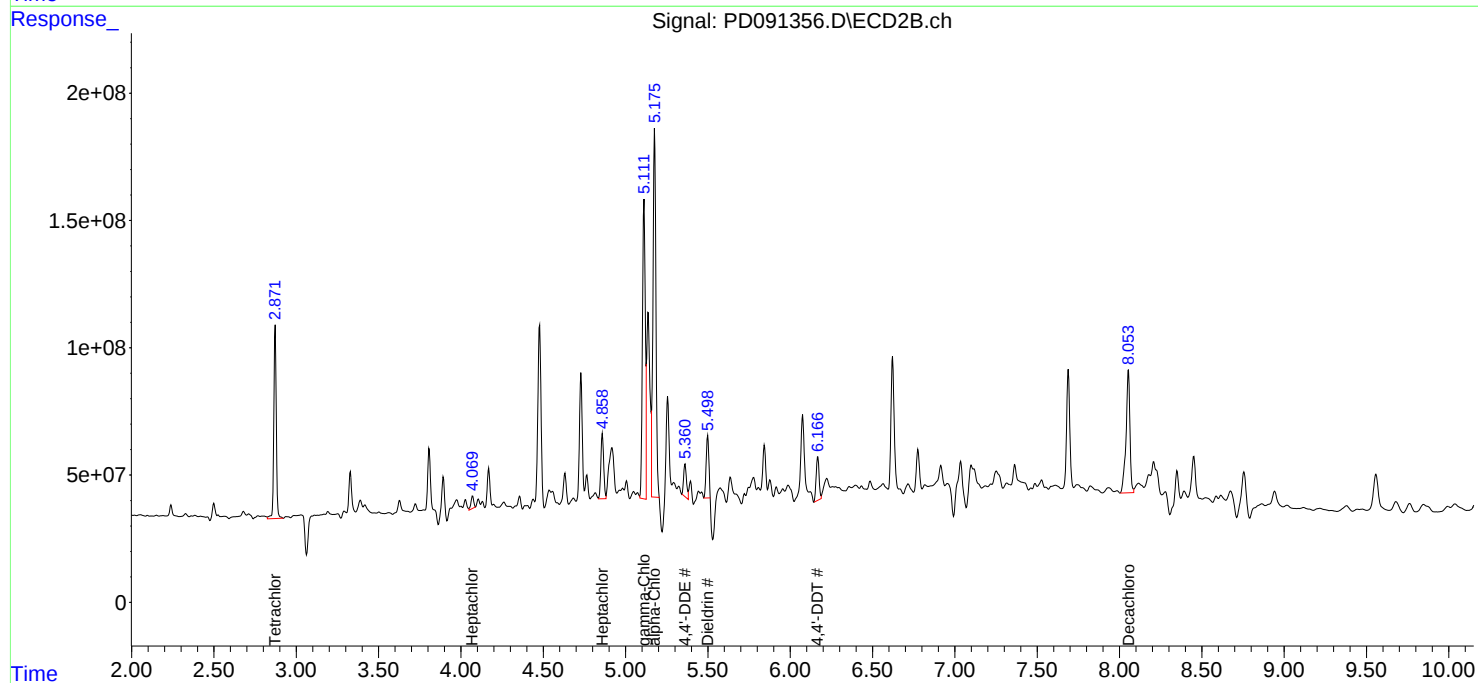
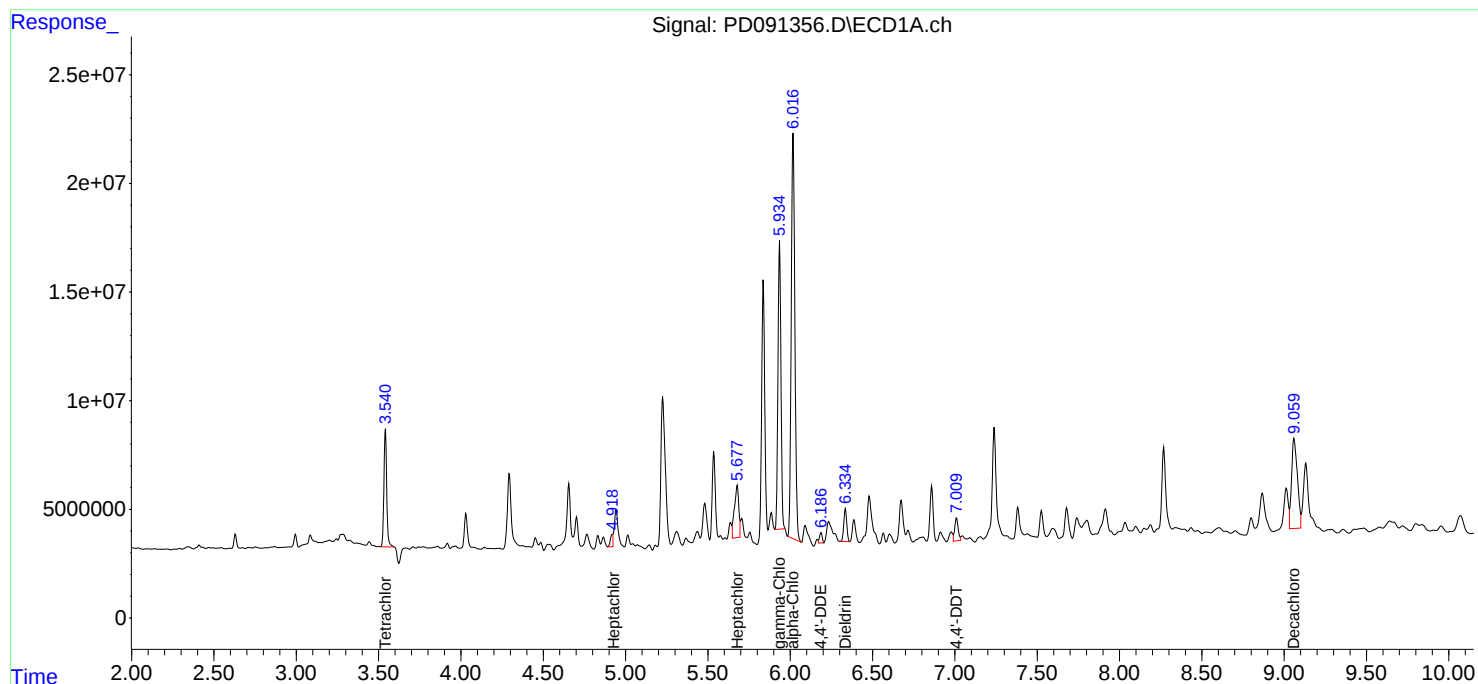
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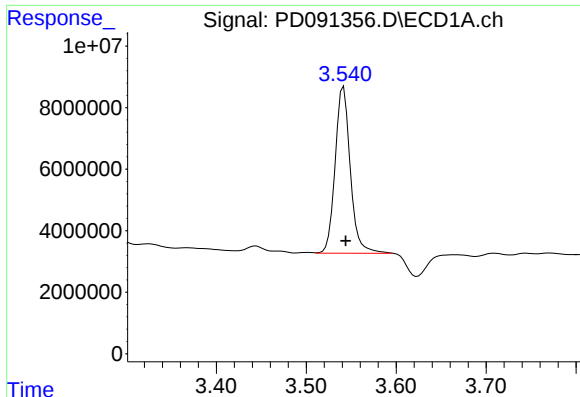
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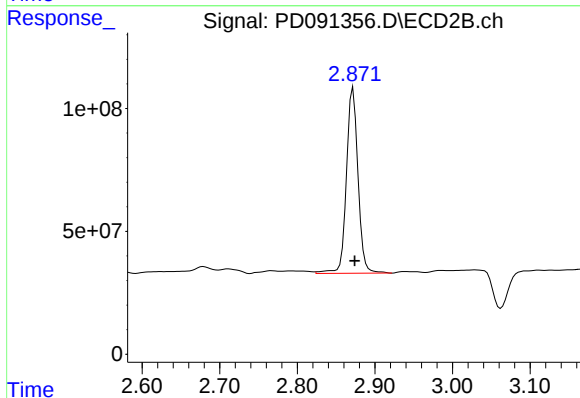
#1 Tetrachloro-m-xylene

R.T.: 3.540 min
Delta R.T.: -0.004 min
Response: 63501126
Conc: 18.41 ng/ml

Instrument :
ECD_D
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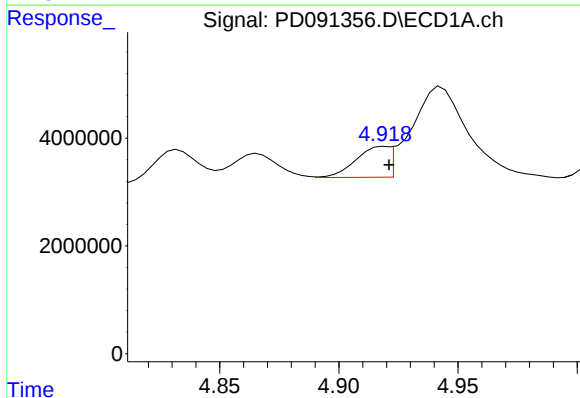
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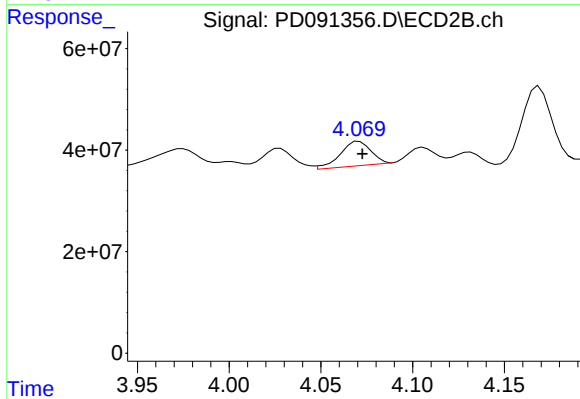
#1 Tetrachloro-m-xylene

R.T.: 2.872 min
Delta R.T.: -0.002 min
Response: 781956568
Conc: 21.35 ng/ml



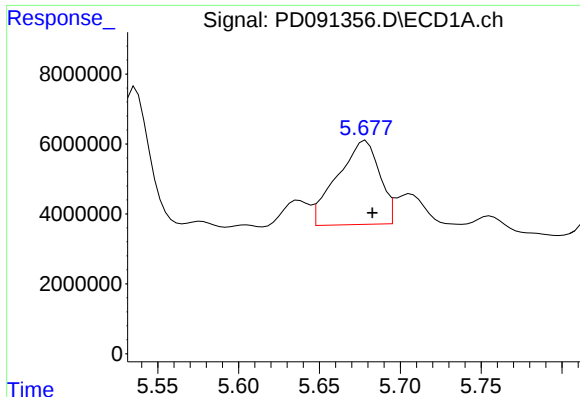
#4 Heptachlor

R.T.: 4.918 min
Delta R.T.: -0.003 min
Response: 5988301
Conc: 0.84 ng/ml m



#4 Heptachlor

R.T.: 4.071 min
Delta R.T.: -0.002 min
Response: 55964992
Conc: 1.01 ng/ml



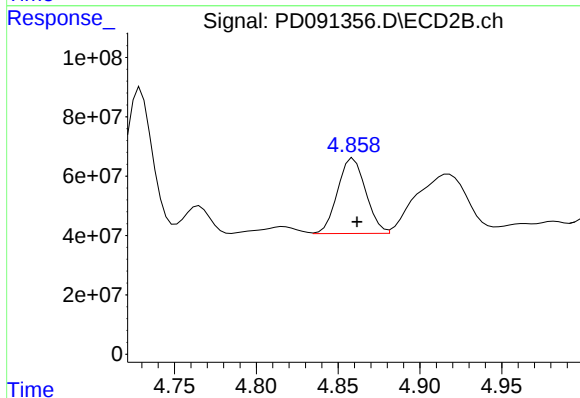
#8 Heptachlor epoxide

R.T.: 5.677 min
Delta R.T.: -0.005 min
Response: 44729707
Conc: 6.88 ng/ml

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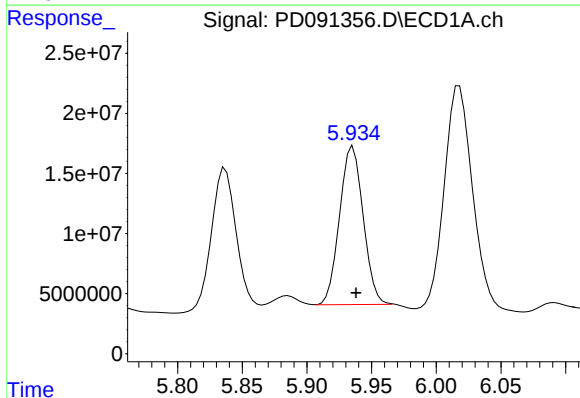
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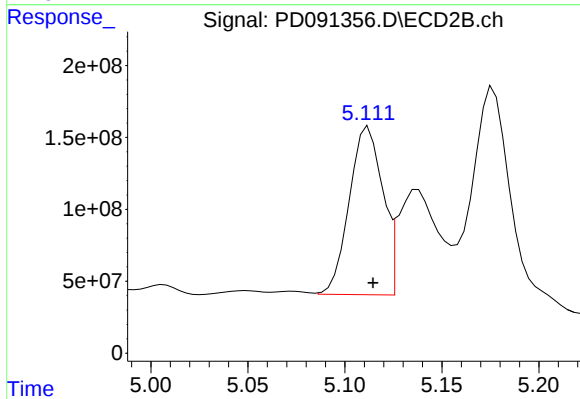
#8 Heptachlor epoxide

R.T.: 4.858 min
Delta R.T.: -0.004 min
Response: 306140859
Conc: 6.01 ng/ml m



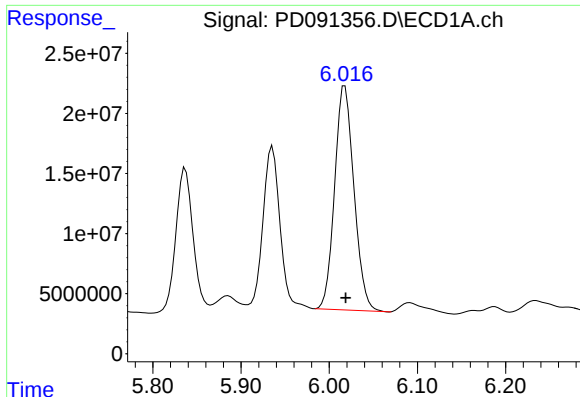
#10 gamma-Chlordane

R.T.: 5.934 min
Delta R.T.: -0.004 min
Response: 167342499
Conc: 25.74 ng/ml m



#10 gamma-Chlordane

R.T.: 5.111 min
Delta R.T.: -0.004 min
Response: 1476250429
Conc: 27.02 ng/ml m



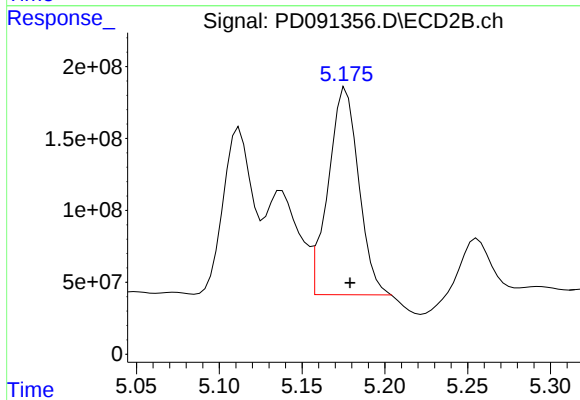
#11 alpha-Chlordane

R.T.: 6.018 min
Delta R.T.: 0.000 min
Response: 283994205
Conc: 41.26 ng/ml

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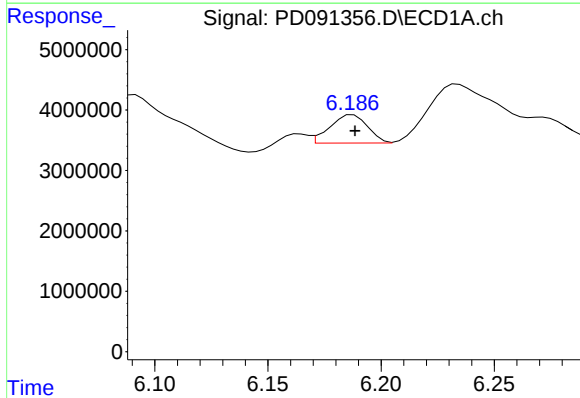
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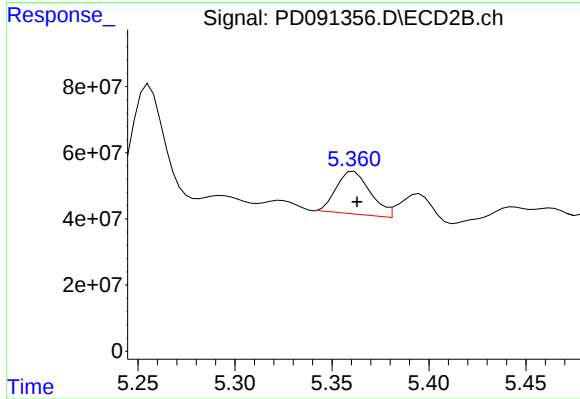
#11 alpha-Chlordane

R.T.: 5.175 min
Delta R.T.: -0.004 min
Response: 1814956470
Conc: 34.68 ng/ml m



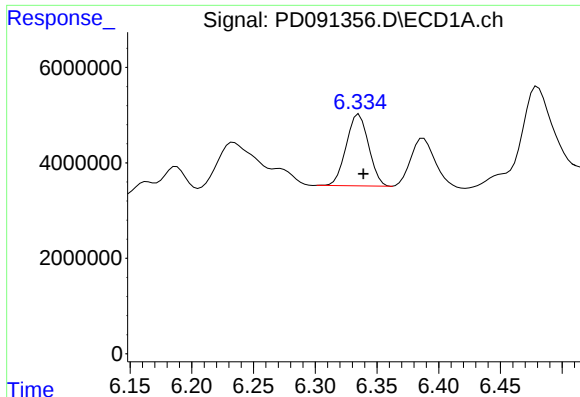
#12 4,4'-DDE

R.T.: 6.186 min
Delta R.T.: -0.002 min
Response: 5383542
Conc: 0.93 ng/ml m



#12 4,4'-DDE

R.T.: 5.361 min
Delta R.T.: -0.002 min
Response: 157353257
Conc: 2.94 ng/ml



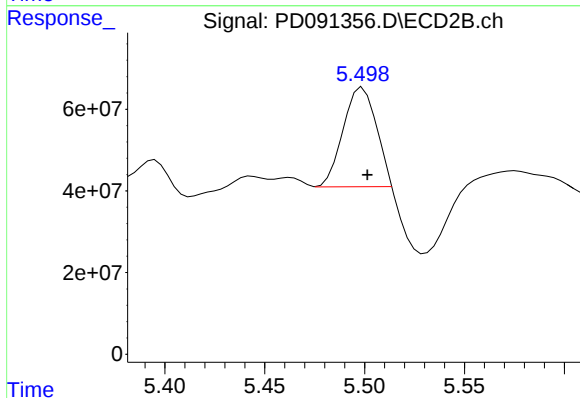
#13 Dieldrin

R.T.: 6.335 min
Delta R.T.: -0.004 min
Response: 18947000
Conc: 2.93 ng/ml

Instrument :
ECD_D
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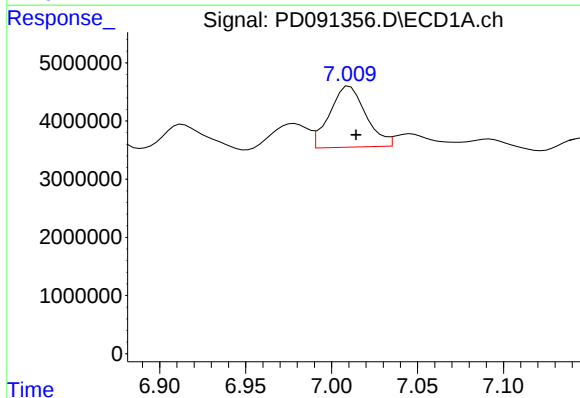
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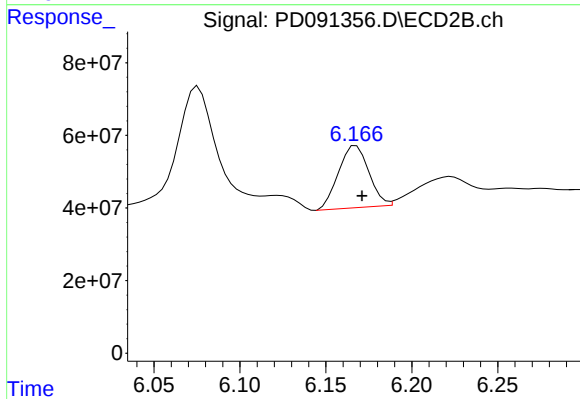
#13 Dieldrin

R.T.: 5.498 min
Delta R.T.: -0.004 min
Response: 279593862
Conc: 5.15 ng/ml m



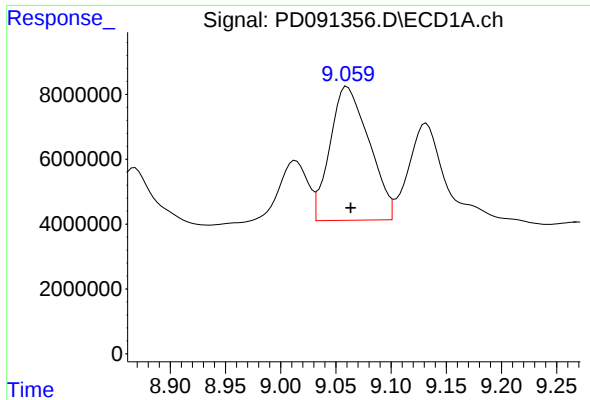
#17 4,4'-DDT

R.T.: 7.011 min
Delta R.T.: -0.004 min
Response: 15437656
Conc: 3.73 ng/ml



#17 4,4'-DDT

R.T.: 6.168 min
Delta R.T.: -0.003 min
Response: 209718446
Conc: 5.36 ng/ml



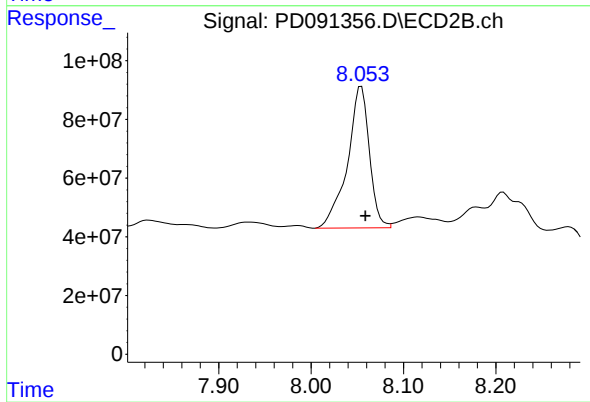
#28 Decachlorobiphenyl

R.T.: 9.059 min
Delta R.T.: -0.004 min
Response: 100414844
Conc: 20.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
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#28 Decachlorobiphenyl

R.T.: 8.053 min
Delta R.T.: -0.006 min
Response: 796625429
Conc: 20.13 ng/ml m