

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070325\
 Data File : PD089316.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Jul 2025 20:03
 Operator : AR\AJ
 Sample : Q2473-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PIT#4

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/03/2025
 Supervised By :mohammad ahmed 07/04/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 03 01:43:37 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 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...	3.549	2.880	36947354	250.1E6	12.950m	14.754m
28)	SA Decachlor...	9.074	8.072	47622326	185.1E6	12.125	9.364
Target Compounds							
4)	MA Heptachlor	4.929	4.081	7686041	45597954	1.410	1.821m#
5)	MB Aldrin	5.270	4.367	17887495	100.2E6	3.367	4.138m
10)	B gamma-Chl...	5.947	5.124	29611852	106.3E6	6.184	4.445m#
11)	B alpha-Chl...	6.030	5.189	48880576	155.9E6	10.102	6.808m#
12)	B 4,4'-DDE	6.196	5.373	9475606	63720074	2.173	2.781m#
16)	A 4,4'-DDD	6.702	5.928	4223005	25758075	1.230m	1.347m
17)	MA 4,4'-DDT	7.021	6.183	16556861	95866289	4.371	4.727

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

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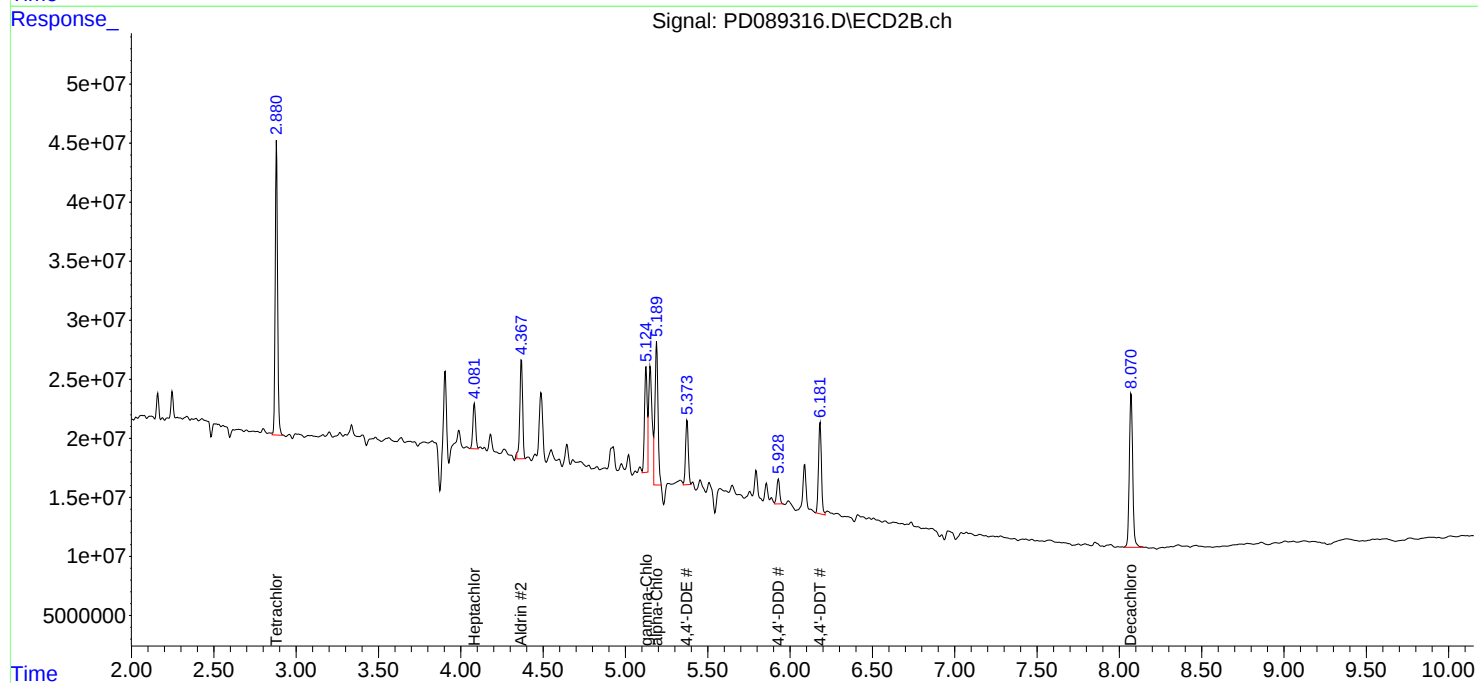
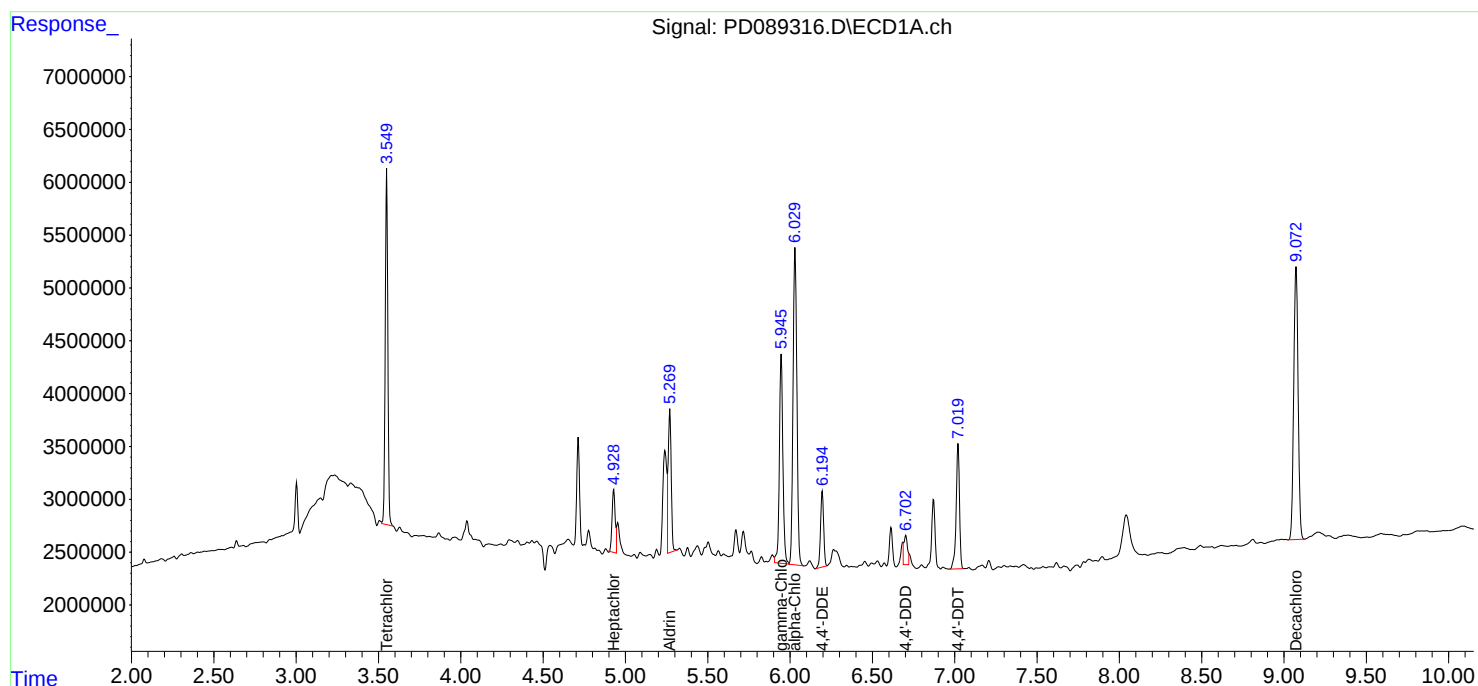
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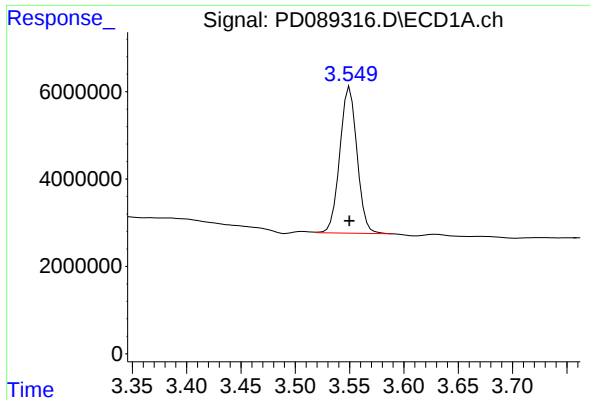
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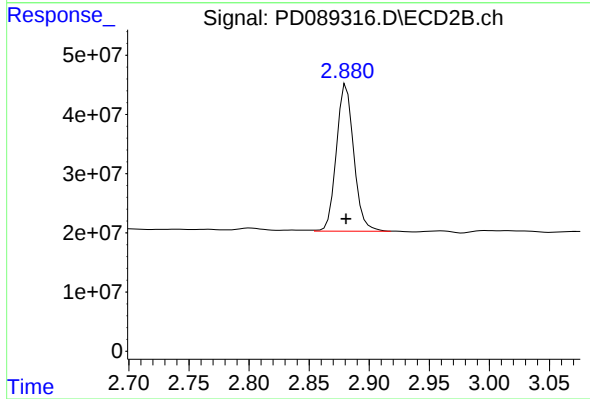
#1 Tetrachloro-m-xylene

R.T.: 3.549 min
Delta R.T.: -0.001 min
Response: 36947354
Conc: 12.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
PIT#4

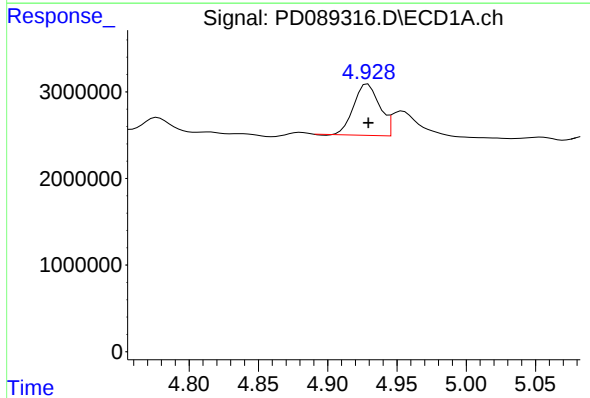
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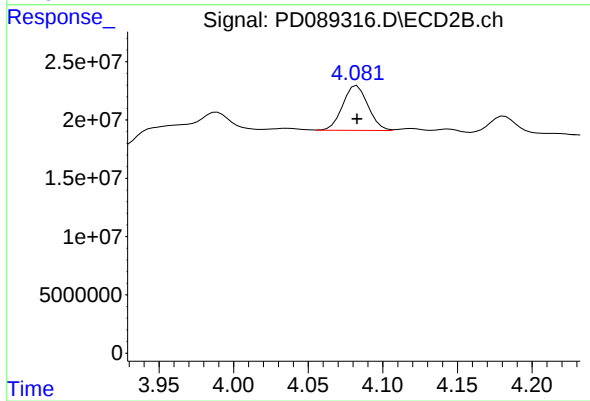
#1 Tetrachloro-m-xylene

R.T.: 2.880 min
Delta R.T.: -0.001 min
Response: 250131015
Conc: 14.75 ng/ml m



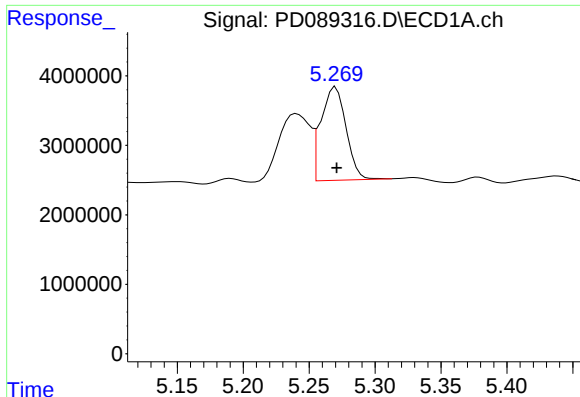
#4 Heptachlor

R.T.: 4.929 min
Delta R.T.: 0.000 min
Response: 7686041
Conc: 1.41 ng/ml



#4 Heptachlor

R.T.: 4.081 min
Delta R.T.: -0.001 min
Response: 45597954
Conc: 1.82 ng/ml m



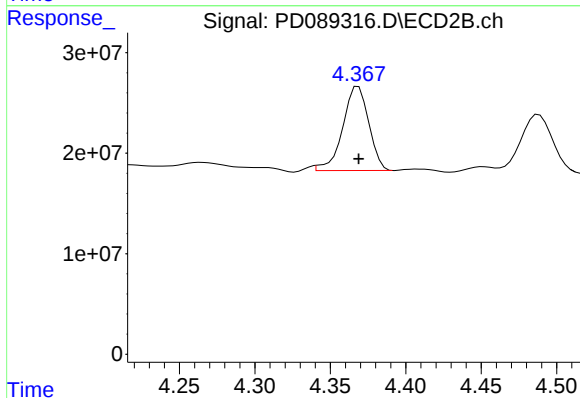
#5 Aldrin

R.T.: 5.270 min
Delta R.T.: 0.000 min
Response: 17887495
Conc: 3.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
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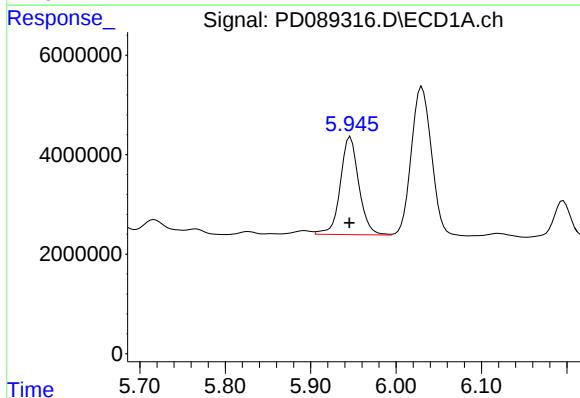
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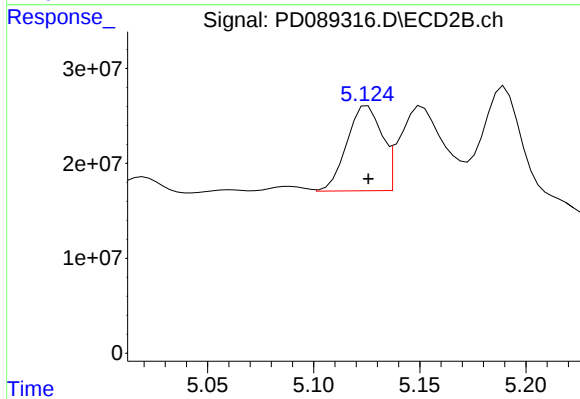
#5 Aldrin

R.T.: 4.367 min
Delta R.T.: -0.002 min
Response: 100205871
Conc: 4.14 ng/ml m



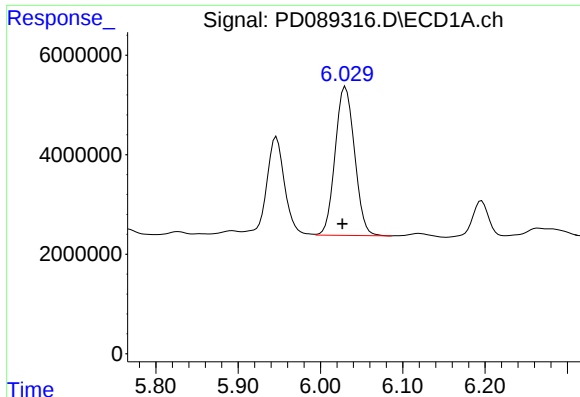
#10 gamma-Chlordane

R.T.: 5.947 min
Delta R.T.: 0.000 min
Response: 29611852
Conc: 6.18 ng/ml



#10 gamma-Chlordane

R.T.: 5.124 min
Delta R.T.: -0.002 min
Response: 106345283
Conc: 4.45 ng/ml m



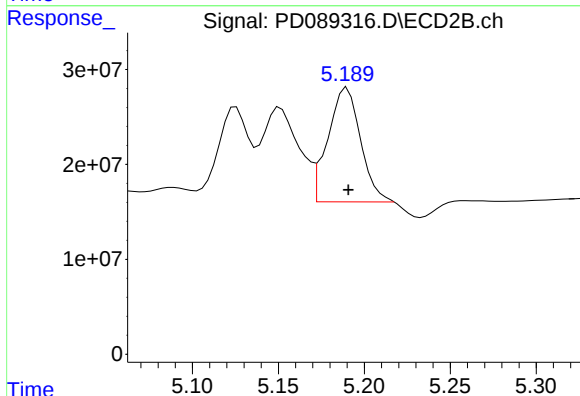
#11 alpha-Chlordane

R.T.: 6.030 min
Delta R.T.: 0.004 min
Response: 48880576
Conc: 10.10 ng/ml

Instrument :
ECD_D
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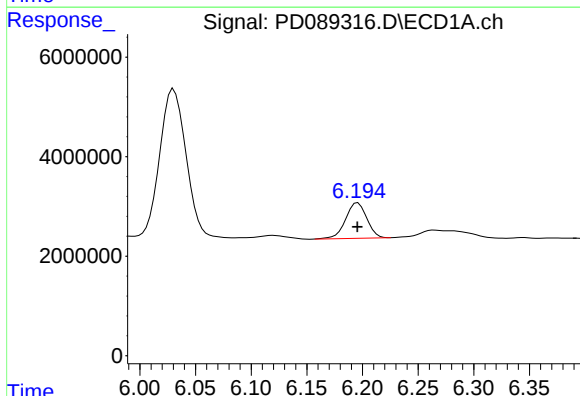
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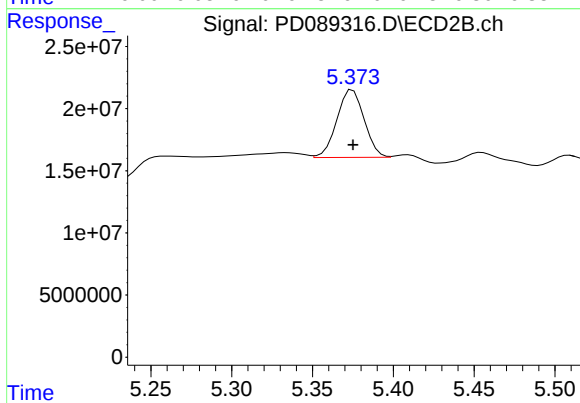
#11 alpha-Chlordane

R.T.: 5.189 min
Delta R.T.: -0.002 min
Response: 155871261
Conc: 6.81 ng/ml m



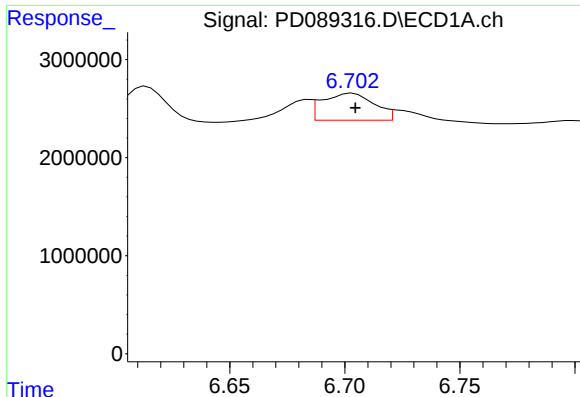
#12 4,4'-DDE

R.T.: 6.196 min
Delta R.T.: 0.000 min
Response: 9475606
Conc: 2.17 ng/ml



#12 4,4'-DDE

R.T.: 5.373 min
Delta R.T.: -0.002 min
Response: 63720074
Conc: 2.78 ng/ml m



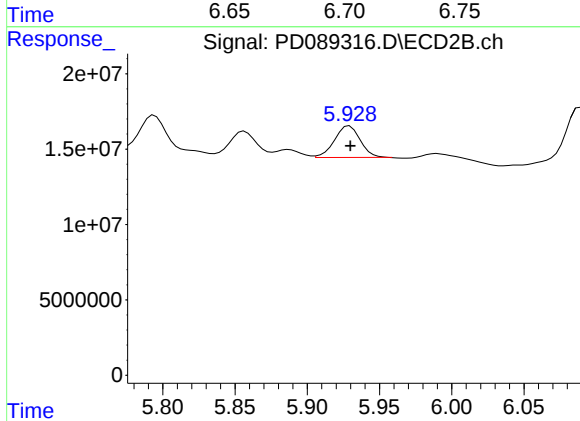
#16 4,4'-DDD

R.T.: 6.702 min
Delta R.T.: -0.003 min
Response: 4223005
Conc: 1.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
PIT#4

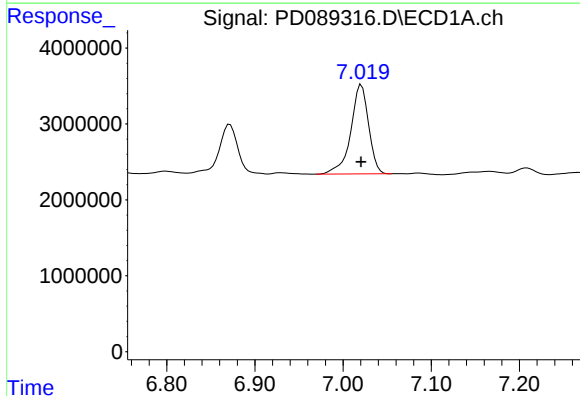
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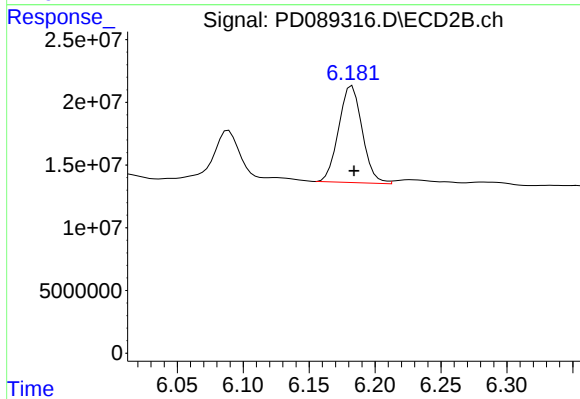
#16 4,4'-DDD

R.T.: 5.928 min
Delta R.T.: -0.002 min
Response: 25758075
Conc: 1.35 ng/ml m



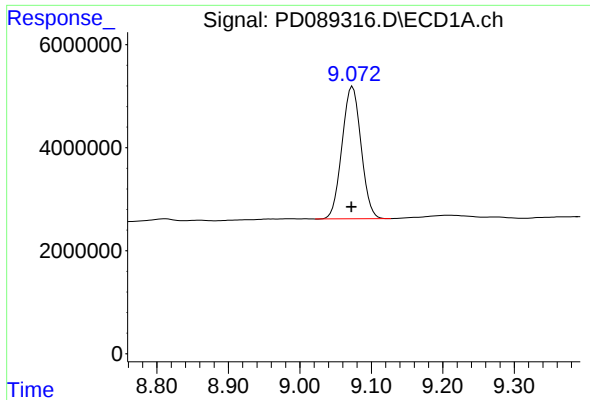
#17 4,4'-DDT

R.T.: 7.021 min
Delta R.T.: 0.000 min
Response: 16556861
Conc: 4.37 ng/ml



#17 4,4'-DDT

R.T.: 6.183 min
Delta R.T.: -0.002 min
Response: 95866289
Conc: 4.73 ng/ml



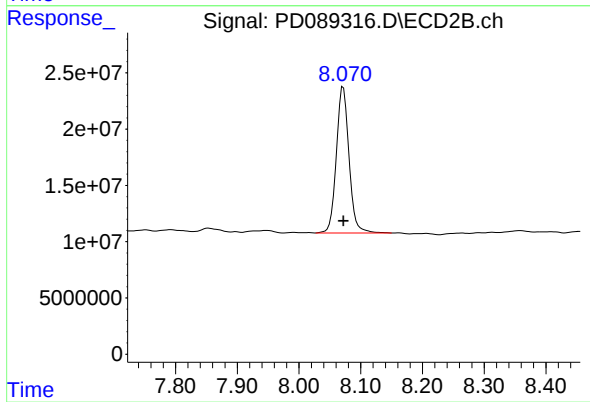
#28 Decachlorobiphenyl

R.T.: 9.074 min
Delta R.T.: 0.002 min
Response: 47622326
Conc: 12.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
PIT#4

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#28 Decachlorobiphenyl

R.T.: 8.072 min
Delta R.T.: 0.000 min
Response: 185120285
Conc: 9.36 ng/ml