

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102125\
 Data File : PD090727.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Oct 2025 15:18
 Operator : AR\AJ
 Sample : Q3402-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 41-LA

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/24/2025
 Supervised By :mohammad ahmed 10/28/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 23 11:21:49 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 17:43:28 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...	3.551	2.874	32249534	323.9E6	10.356	10.877
28)	SA Decachlor...	9.074	8.063	27353475	183.4E6	5.847	6.054
Target Compounds							
4)	MA Heptachlor	4.928	4.073	816955	7044812	0.146m	0.158m
5)	MB Aldrin	5.270	4.360	3912770	30648060	0.598	0.662
10)	B gamma-Chl...	5.948	5.118	7030671	37837983	1.185	0.842 #
11)	B alpha-Chl...	6.032	5.181	17089631	51063012	2.765	1.184m#
12)	B 4,4'-DDE	6.199	5.367	1231980	22483250	0.231	0.513 #
13)	MA Dieldrin	6.345	5.501	1269834	10976149	0.218m	0.248m
17)	MA 4,4'-DDT	7.023	6.174	4273946	40925299	1.040	1.167

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

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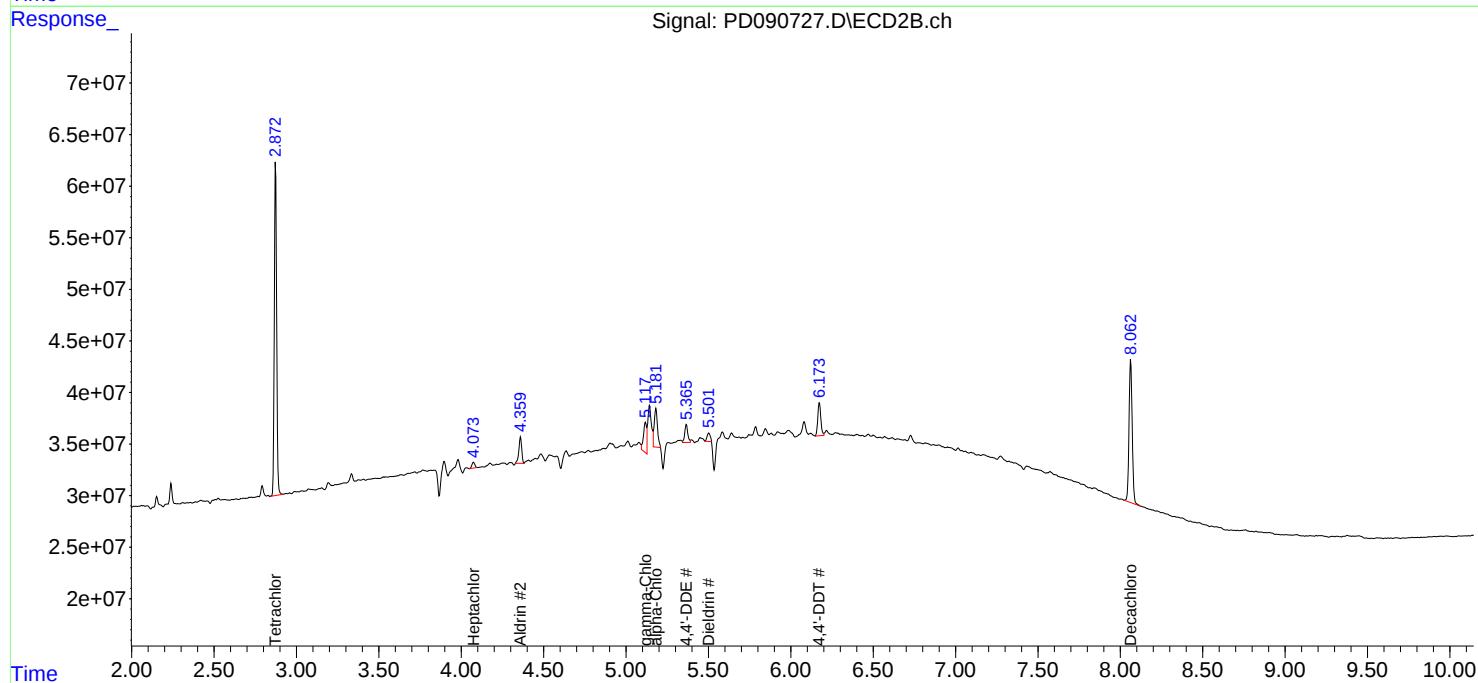
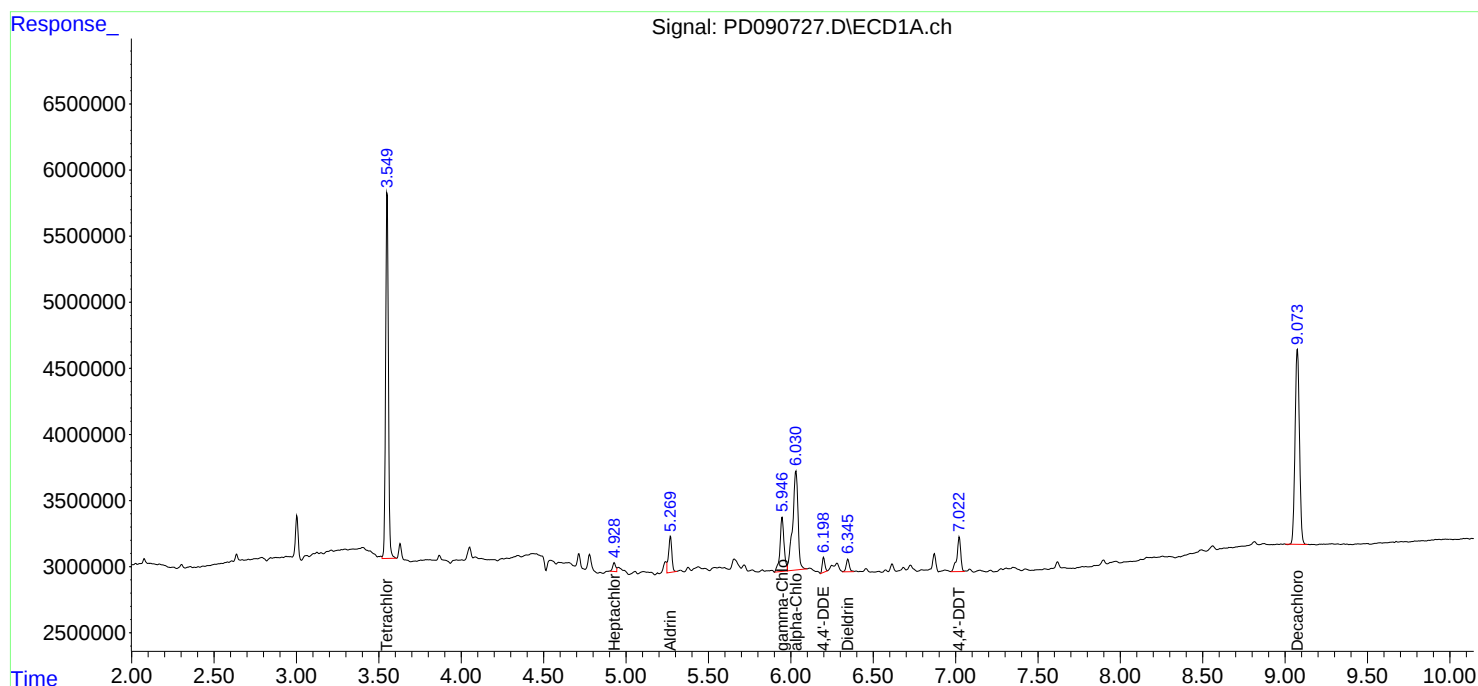
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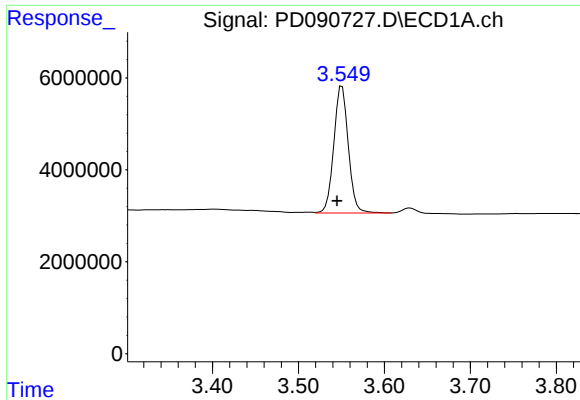
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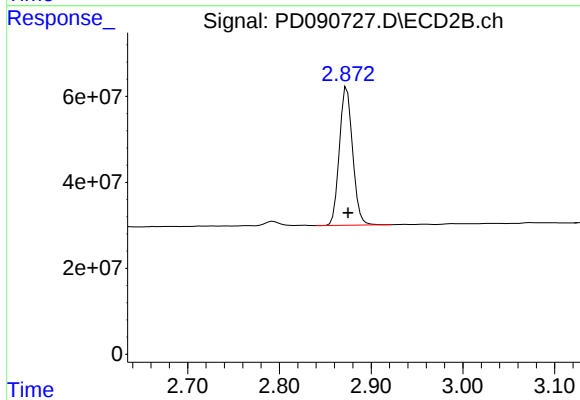
#1 Tetrachloro-m-xylene

R.T.: 3.551 min
Delta R.T.: 0.006 min
Response: 32249534
Conc: 10.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
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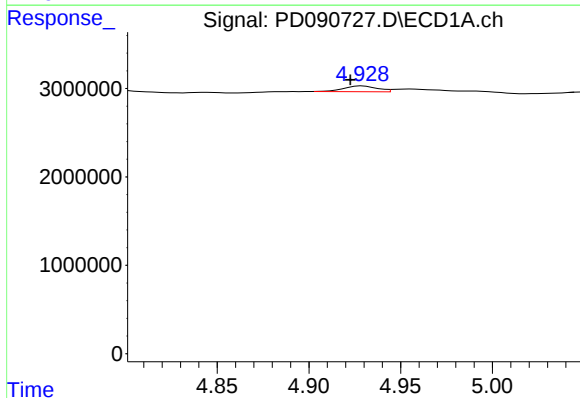
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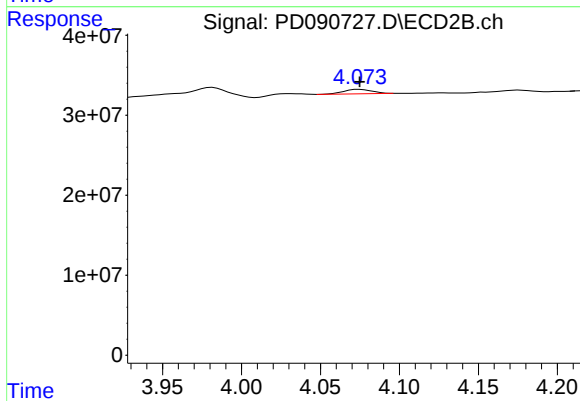
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: -0.001 min
Response: 323889326
Conc: 10.88 ng/ml



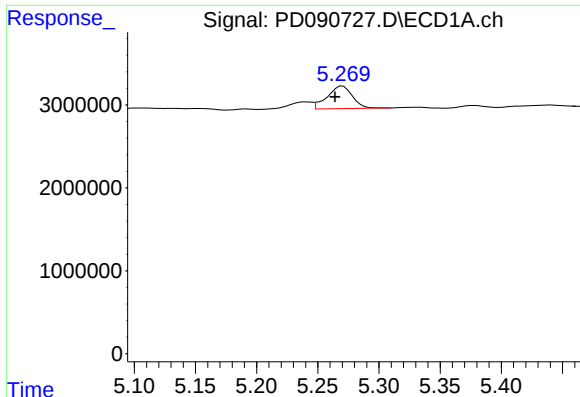
#4 Heptachlor

R.T.: 4.928 min
Delta R.T.: 0.005 min
Response: 816955
Conc: 0.15 ng/ml m



#4 Heptachlor

R.T.: 4.073 min
Delta R.T.: -0.002 min
Response: 7044812
Conc: 0.16 ng/ml m



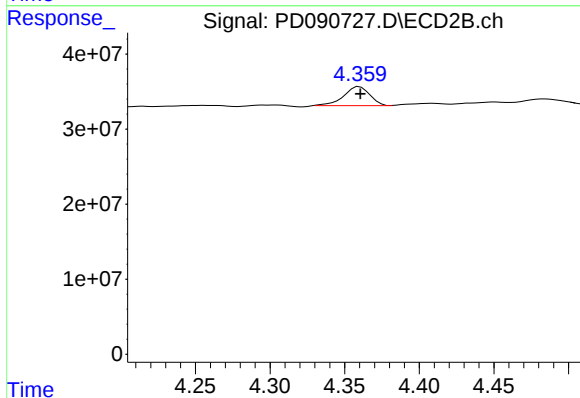
#5 Aldrin

R.T.: 5.270 min
Delta R.T.: 0.006 min
Response: 3912770
Conc: 0.60 ng/ml

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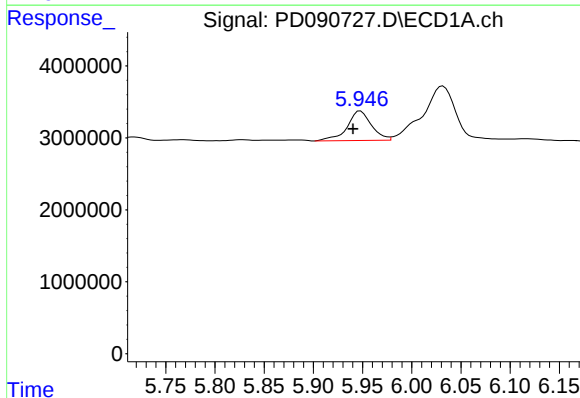
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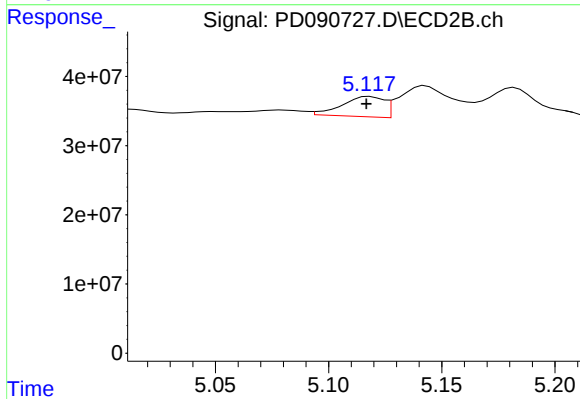
#5 Aldrin

R.T.: 4.360 min
Delta R.T.: 0.000 min
Response: 30648060
Conc: 0.66 ng/ml



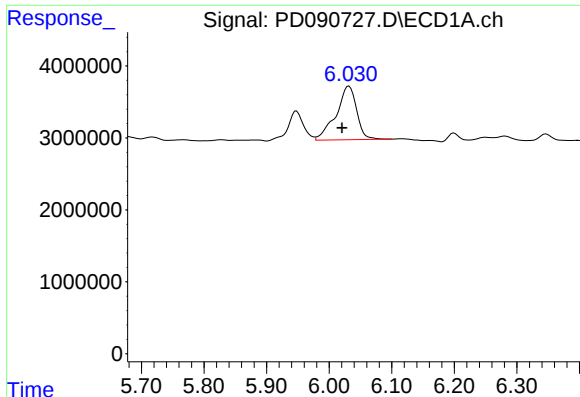
#10 gamma-Chlordane

R.T.: 5.948 min
Delta R.T.: 0.008 min
Response: 7030671
Conc: 1.19 ng/ml



#10 gamma-Chlordane

R.T.: 5.118 min
Delta R.T.: 0.001 min
Response: 37837983
Conc: 0.84 ng/ml



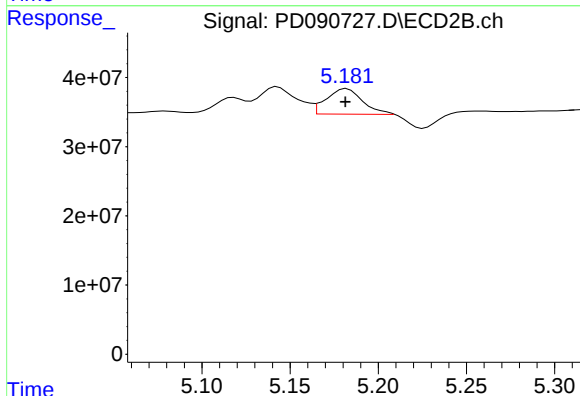
#11 alpha-Chlordane

R.T.: 6.032 min
Delta R.T.: 0.011 min
Response: 17089631
Conc: 2.77 ng/ml

Instrument :
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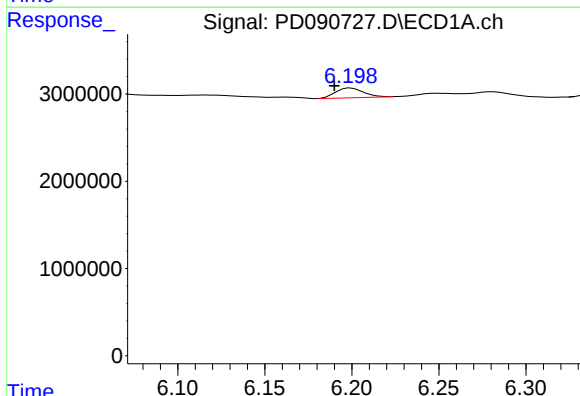
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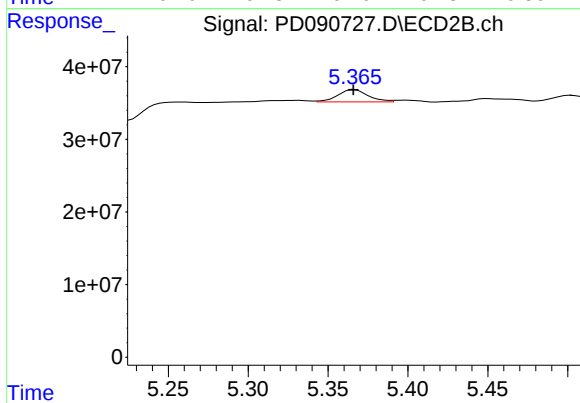
#11 alpha-Chlordane

R.T.: 5.181 min
Delta R.T.: 0.000 min
Response: 51063012
Conc: 1.18 ng/ml m



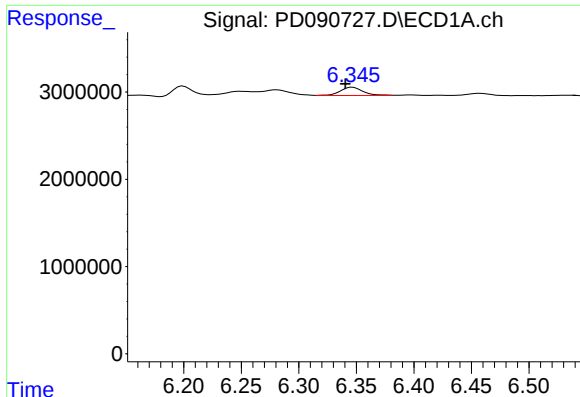
#12 4,4'-DDE

R.T.: 6.199 min
Delta R.T.: 0.009 min
Response: 1231980
Conc: 0.23 ng/ml



#12 4,4'-DDE

R.T.: 5.367 min
Delta R.T.: 0.000 min
Response: 22483250
Conc: 0.51 ng/ml



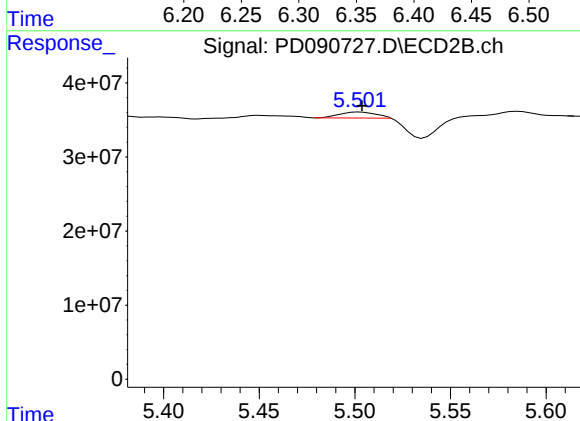
#13 Dieldrin

R.T.: 6.345 min
Delta R.T.: 0.005 min
Response: 1269834
Conc: 0.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
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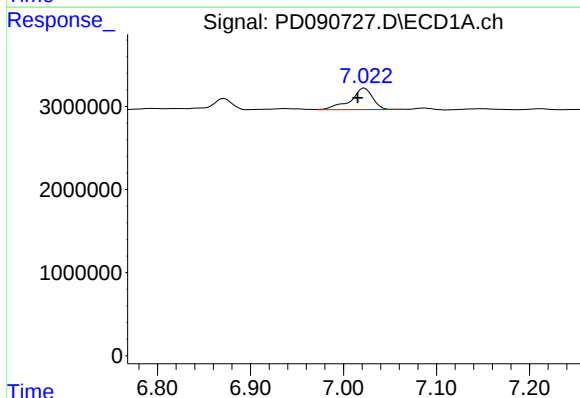
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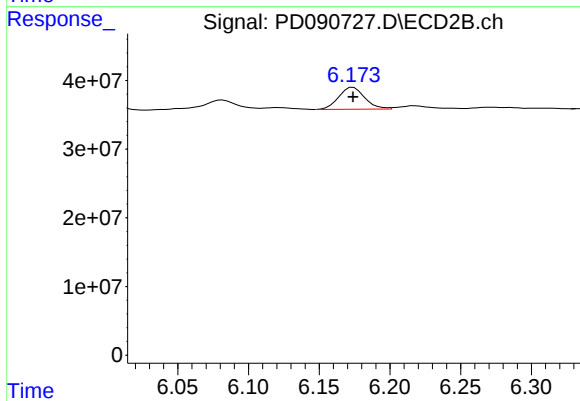
#13 Dieldrin

R.T.: 5.501 min
Delta R.T.: -0.003 min
Response: 10976149
Conc: 0.25 ng/ml m



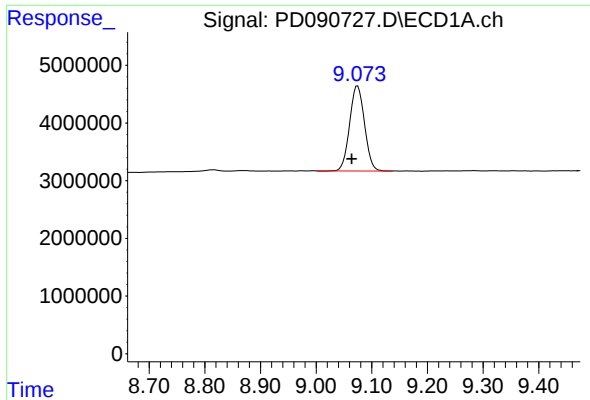
#17 4,4'-DDT

R.T.: 7.023 min
Delta R.T.: 0.008 min
Response: 4273946
Conc: 1.04 ng/ml



#17 4,4'-DDT

R.T.: 6.174 min
Delta R.T.: 0.000 min
Response: 40925299
Conc: 1.17 ng/ml



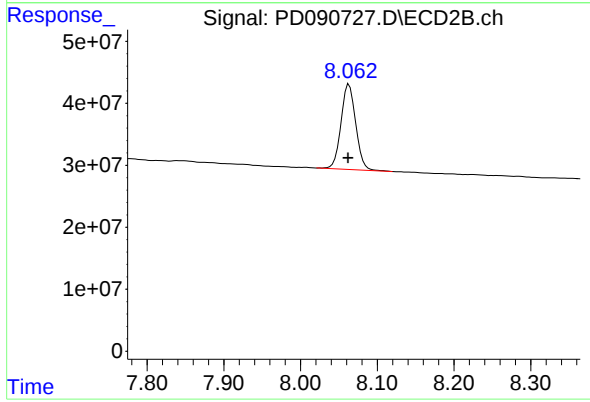
#28 Decachlorobiphenyl

R.T.: 9.074 min
Delta R.T.: 0.010 min
Response: 27353475
Conc: 5.85 ng/ml

Instrument :
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#28 Decachlorobiphenyl

R.T.: 8.063 min
Delta R.T.: 0.001 min
Response: 183395597
Conc: 6.05 ng/ml