

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
 Data File : PD090676.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Oct 2025 21:40
 Operator : AR\AJ
 Sample : Q3369-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 MH-22

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/21/2025
 Supervised By :mohammad ahmed 10/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 21 02:31:46 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...	3.544	2.874	39630309	371.1E6	12.726	12.464
28)	SA Decachlor...	9.065	8.061	51142465	222.0E6	10.933	7.329 #
Target Compounds							
4)	MA Heptachlor	4.922	4.075	8344288	123.9E6	1.493	2.777 #
5)	MB Aldrin	5.263	4.359	16326358	135.6E6	2.494	2.928m
10)	B gamma-Chl...	5.940	5.117	34763043	201.7E6	5.861	4.486
11)	B alpha-Chl...	6.024	5.179	89553159	266.8E6	14.490	6.186m#
12)	B 4,4'-DDE	6.190	5.365	223.6E6	1749.0E6	41.981	39.896
17)	MA 4,4'-DDT	7.014	6.173	62762792	574.4E6	15.269m	16.377
19)	B Endosulfa...	7.135	6.471	2947290	33890195	0.635m	0.945 #

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

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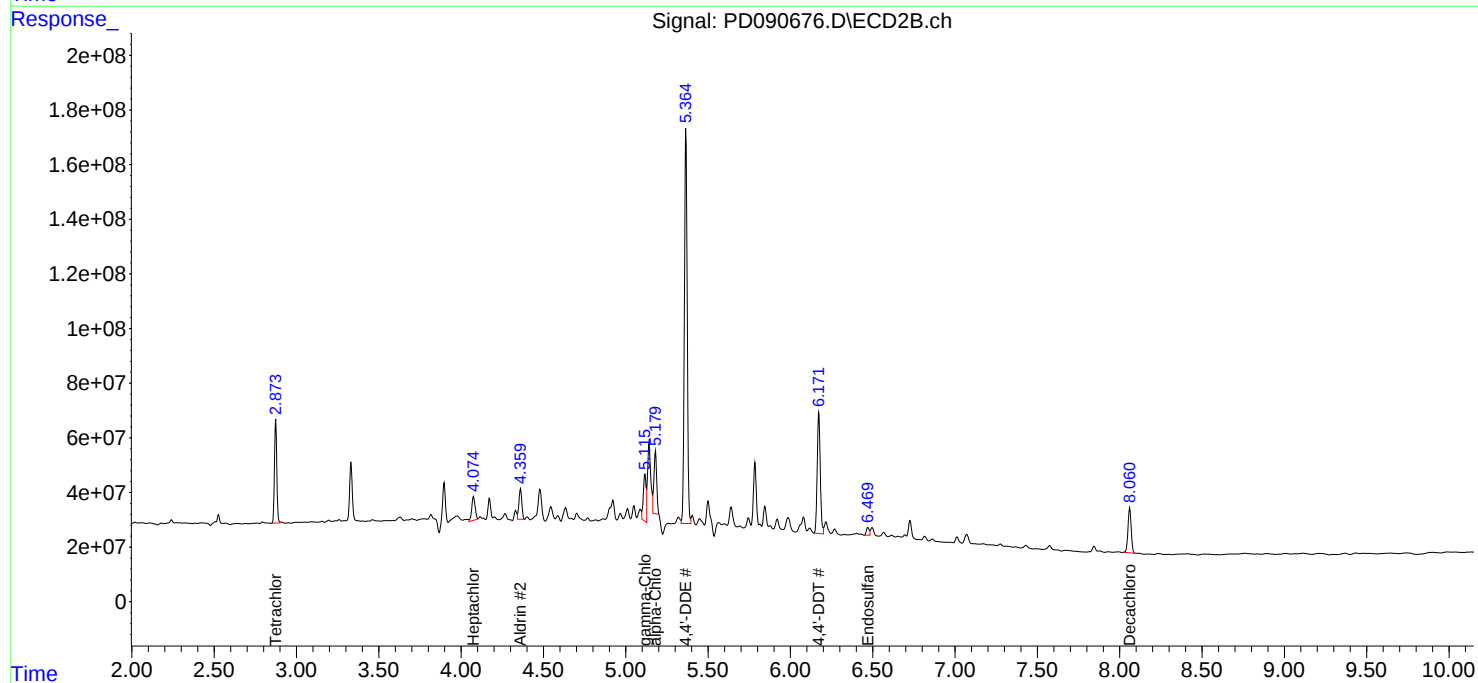
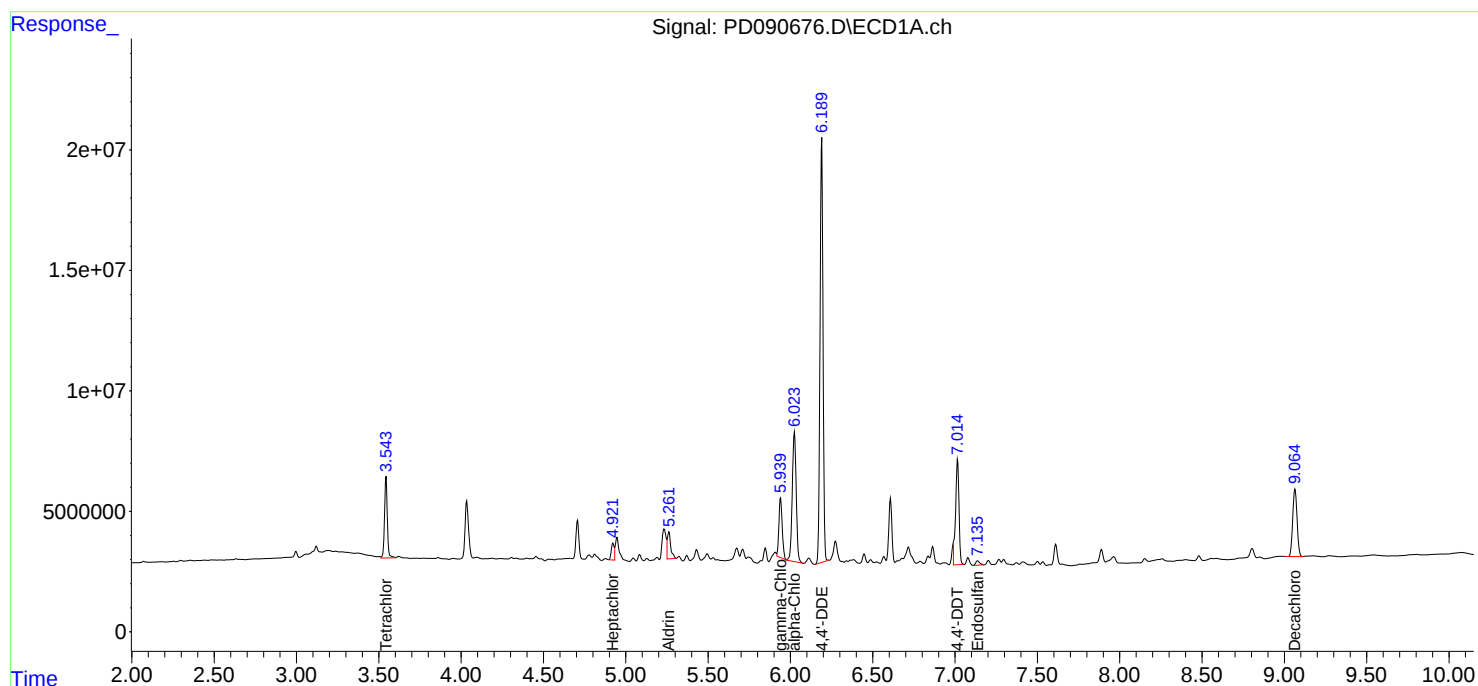
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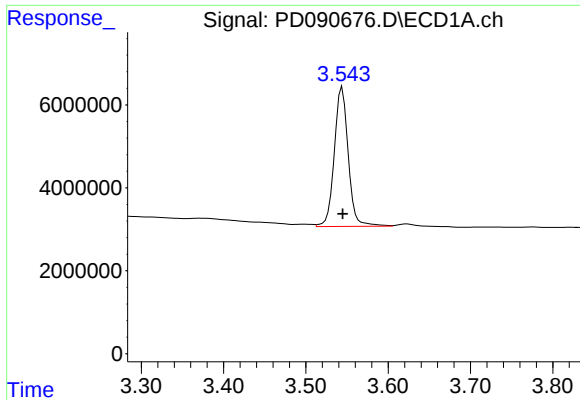
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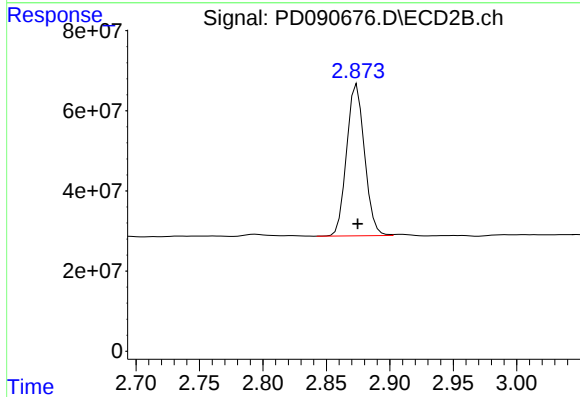
#1 Tetrachloro-m-xylene

R.T.: 3.544 min
Delta R.T.: 0.000 min
Response: 39630309
Conc: 12.73 ng/ml

Instrument :
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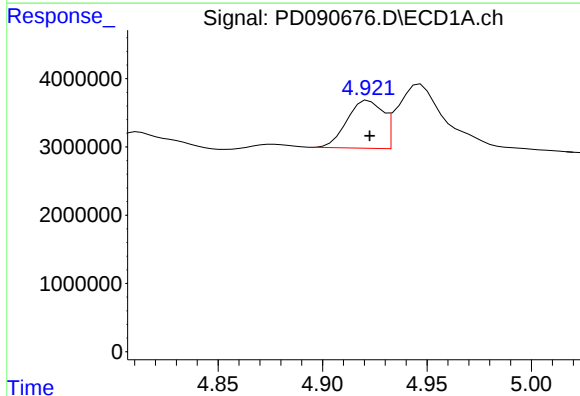
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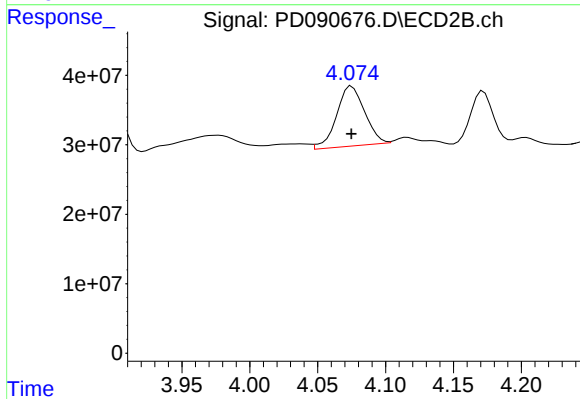
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: 0.000 min
Response: 371130182
Conc: 12.46 ng/ml



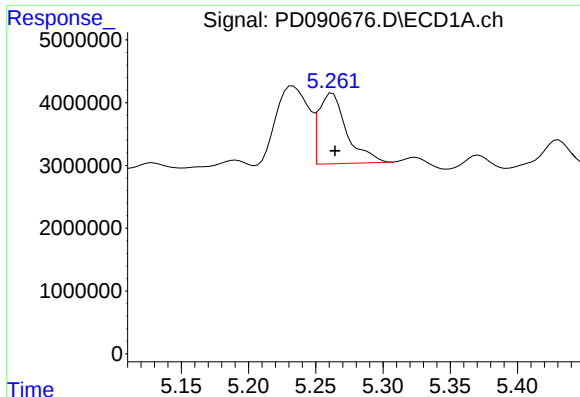
#4 Heptachlor

R.T.: 4.922 min
Delta R.T.: 0.000 min
Response: 8344288
Conc: 1.49 ng/ml



#4 Heptachlor

R.T.: 4.075 min
Delta R.T.: 0.000 min
Response: 123875200
Conc: 2.78 ng/ml



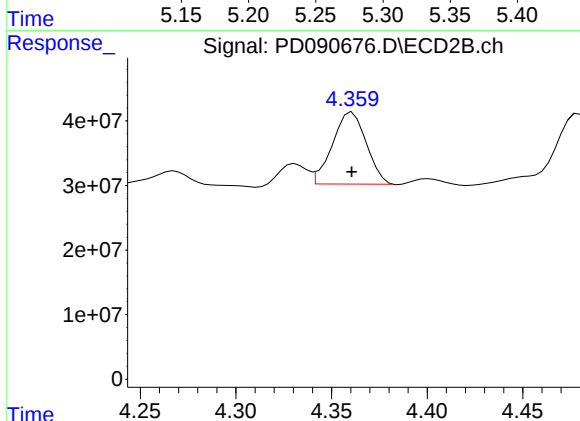
#5 Aldrin

R.T.: 5.263 min
Delta R.T.: -0.002 min
Response: 16326358
Conc: 2.49 ng/ml

Instrument :
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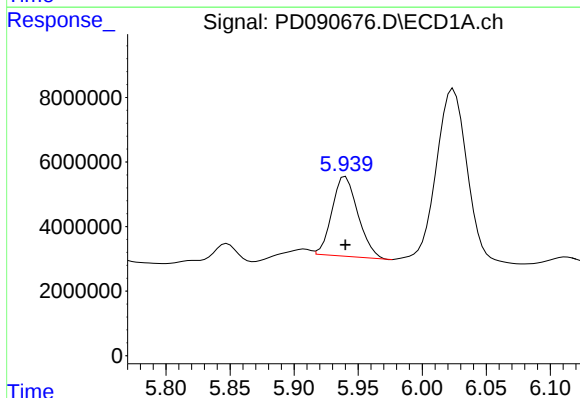
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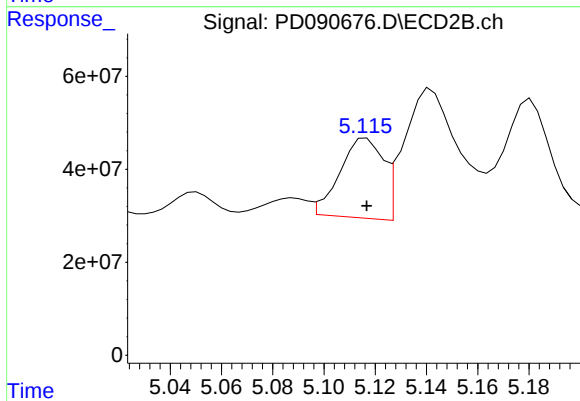
#5 Aldrin

R.T.: 4.359 min
Delta R.T.: -0.001 min
Response: 135610101
Conc: 2.93 ng/ml m



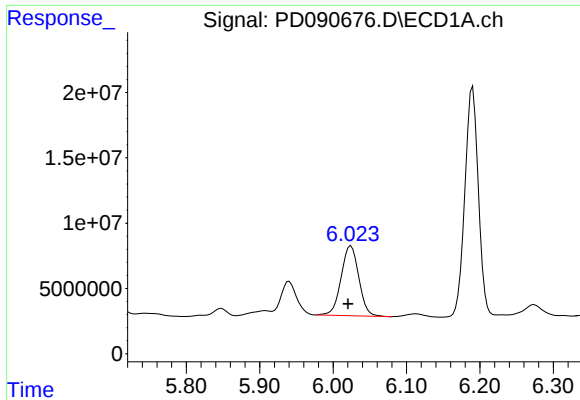
#10 gamma-Chlordane

R.T.: 5.940 min
Delta R.T.: 0.000 min
Response: 34763043
Conc: 5.86 ng/ml



#10 gamma-Chlordane

R.T.: 5.117 min
Delta R.T.: 0.000 min
Response: 201662408
Conc: 4.49 ng/ml



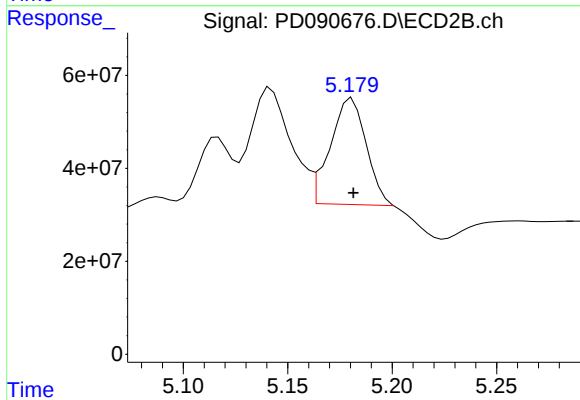
#11 alpha-Chlordane

R.T.: 6.024 min
Delta R.T.: 0.004 min
Response: 89553159
Conc: 14.49 ng/ml

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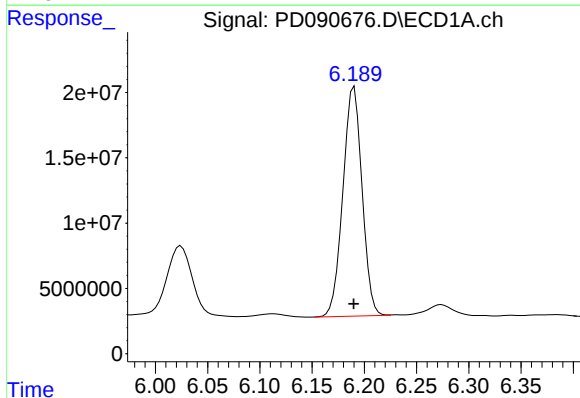
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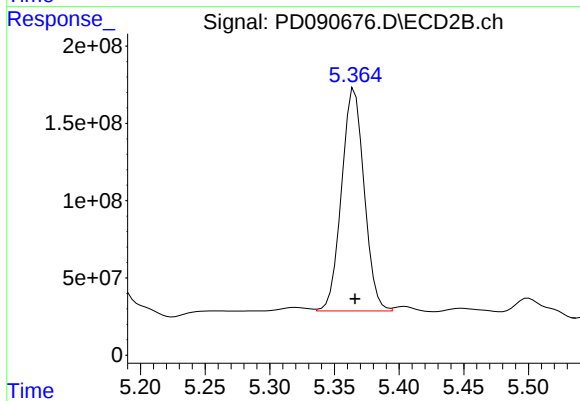
#11 alpha-Chlordane

R.T.: 5.179 min
Delta R.T.: -0.002 min
Response: 266833566
Conc: 6.19 ng/ml m



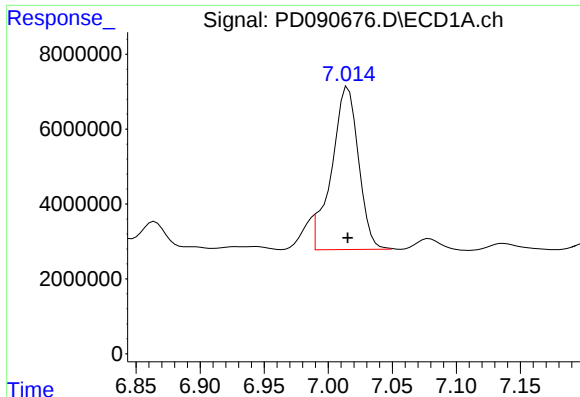
#12 4,4'-DDE

R.T.: 6.190 min
Delta R.T.: 0.000 min
Response: 223616899
Conc: 41.98 ng/ml



#12 4,4'-DDE

R.T.: 5.365 min
Delta R.T.: 0.000 min
Response: 1748987779
Conc: 39.90 ng/ml



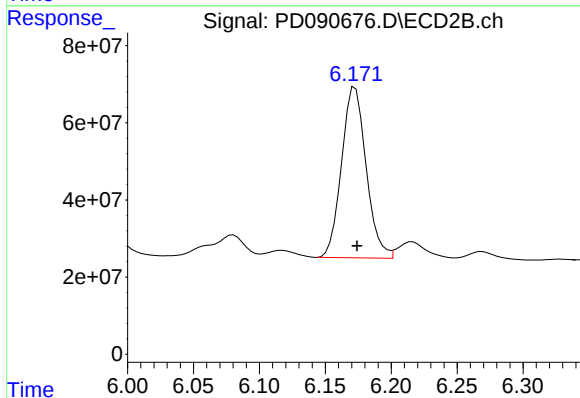
#17 4,4'-DDT

R.T.: 7.014 min
Delta R.T.: -0.001 min
Response: 62762792
Conc: 15.27 ng/ml

Instrument :
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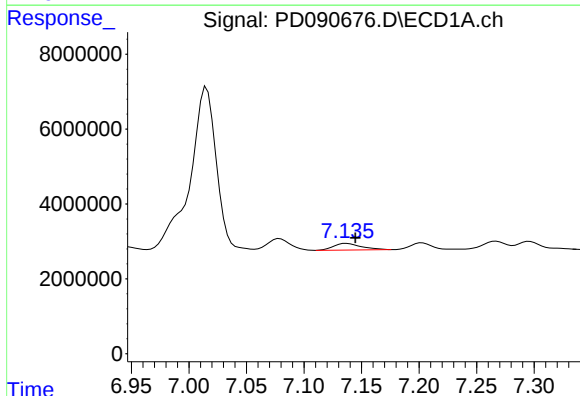
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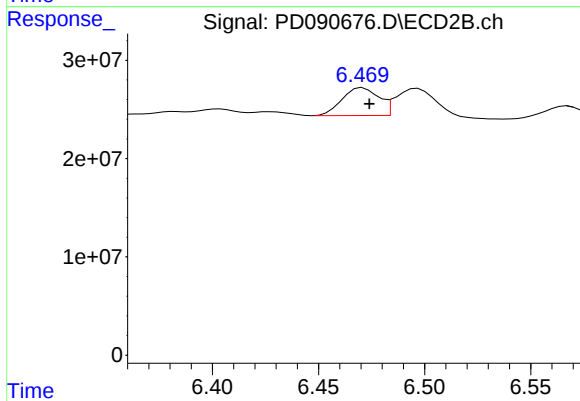
#17 4,4'-DDT

R.T.: 6.173 min
Delta R.T.: -0.001 min
Response: 574381579
Conc: 16.38 ng/ml



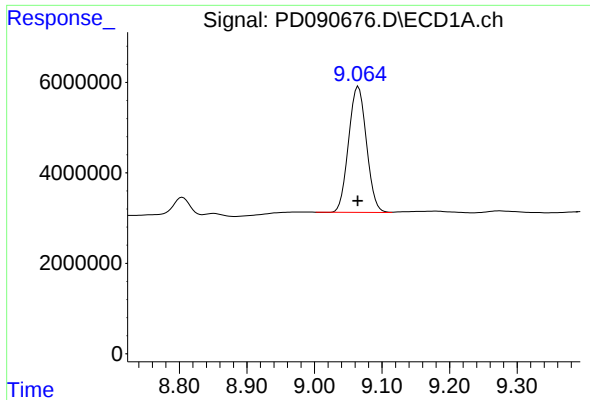
#19 Endosulfan Sulfate

R.T.: 7.135 min
Delta R.T.: -0.009 min
Response: 2947290
Conc: 0.64 ng/ml m



#19 Endosulfan Sulfate

R.T.: 6.471 min
Delta R.T.: -0.003 min
Response: 33890195
Conc: 0.95 ng/ml



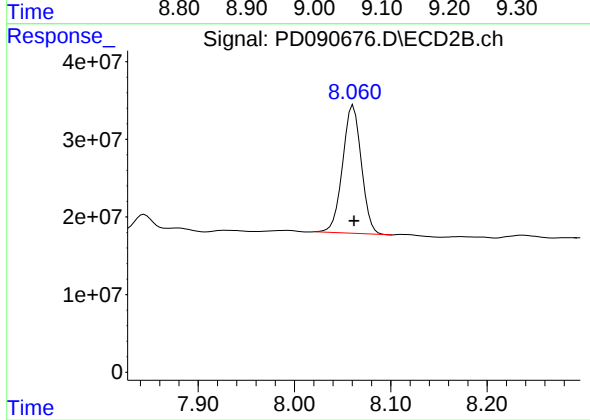
#28 Decachlorobiphenyl

R.T.: 9.065 min
Delta R.T.: 0.000 min
Response: 51142465
Conc: 10.93 ng/ml

Instrument :
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#28 Decachlorobiphenyl

R.T.: 8.061 min
Delta R.T.: 0.000 min
Response: 222017780
Conc: 7.33 ng/ml