

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102425\
 Data File : PD090820.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Oct 2025 13:45
 Operator : AR\AJ
 Sample : Q3440-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 JB-2

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/27/2025
 Supervised By :mohammad ahmed 10/28/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 24 23:37:43 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	43207093	411.5E6	13.874	13.818
28)	SA Decachlor...	9.064	8.059	62100851	303.5E6	13.275	10.019
Target Compounds							
10)	B gamma-Chl...	5.939	5.114	12363320	89147953	2.084	1.983m
11)	B alpha-Chl...	6.020	5.178	23038912	62571855	3.728m	1.451m#
12)	B 4,4'-DDE	6.189	5.363	3646005	47373767	0.684m	1.081m#
13)	MA Dieldrin	6.340	5.498	5864199	85370658	1.006m	1.932m#
14)	MA Endrin	6.566	5.780	4788204	57001373	0.967m	1.408m#
17)	MA 4,4'-DDT	7.011	6.169	6927940	288.8E6	1.685m	8.235 #
19)	B Endosulfa...	7.133	6.468	8405985	154.6E6	1.812m	4.312m#

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

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Operator : AR\AJ
Sample : Q3440-01
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ALS Vial : 14 Sample Multiplier: 1

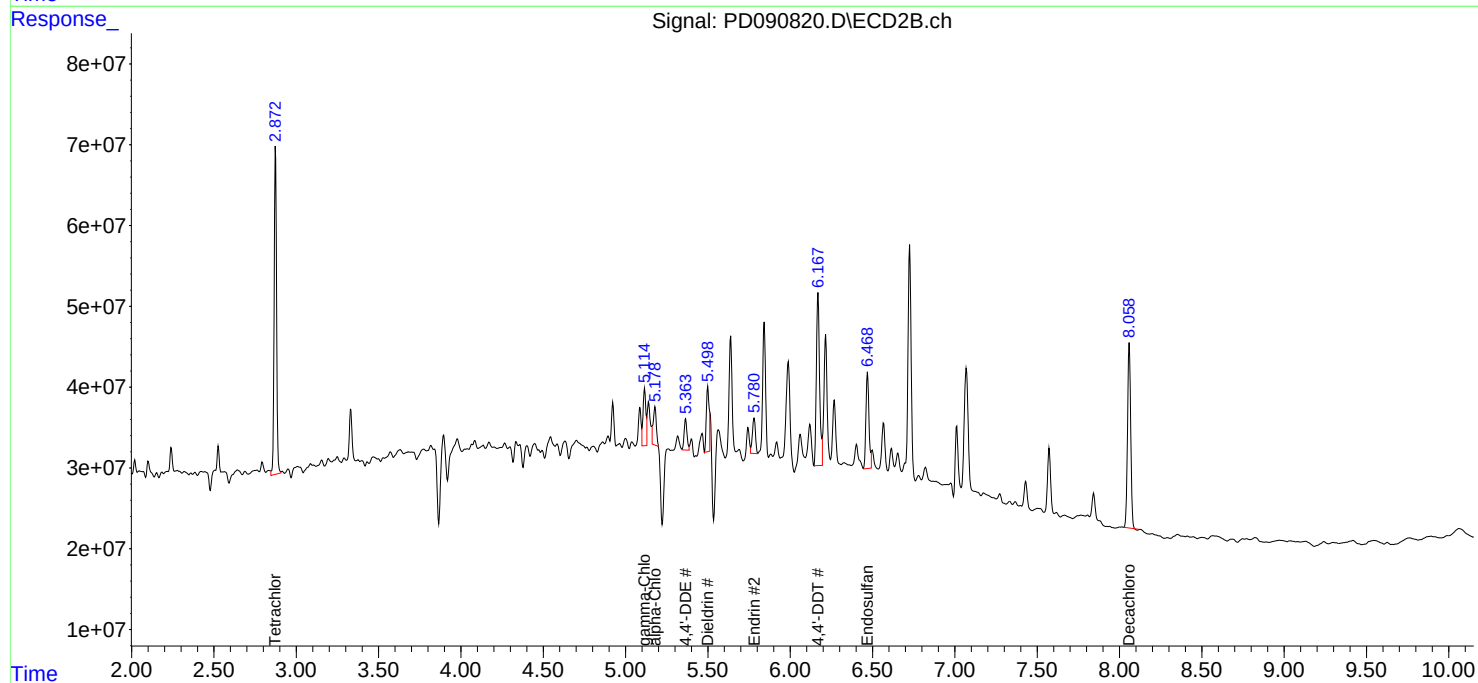
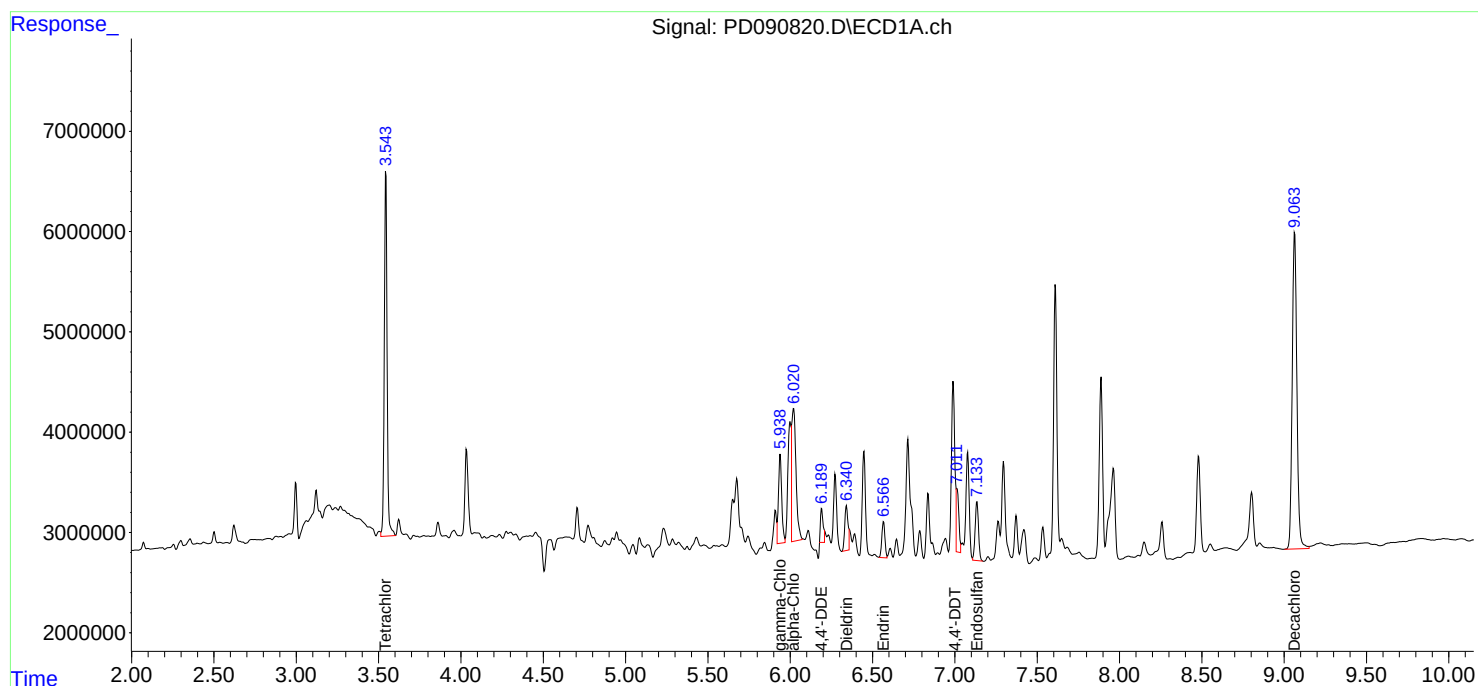
Instrument :
ECD_D
ClientSampleId :
JB-2

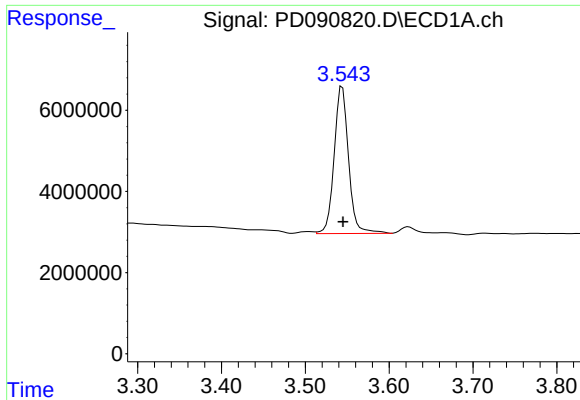
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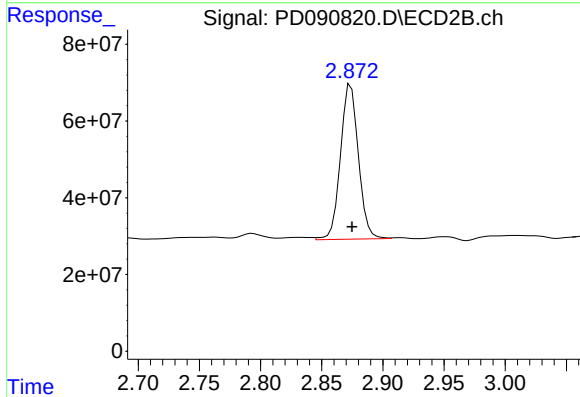
#1 Tetrachloro-m-xylene

R.T.: 3.544 min
Delta R.T.: 0.000 min
Response: 43207093
Conc: 13.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
JB-2

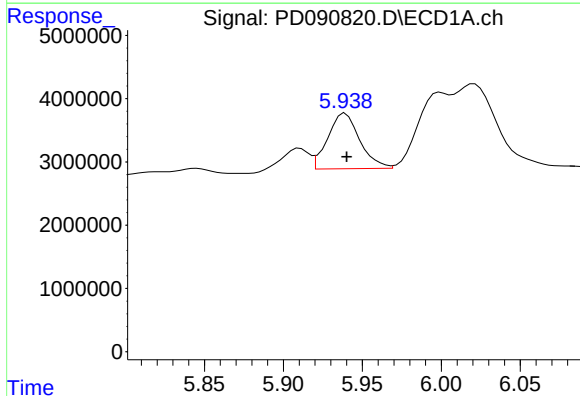
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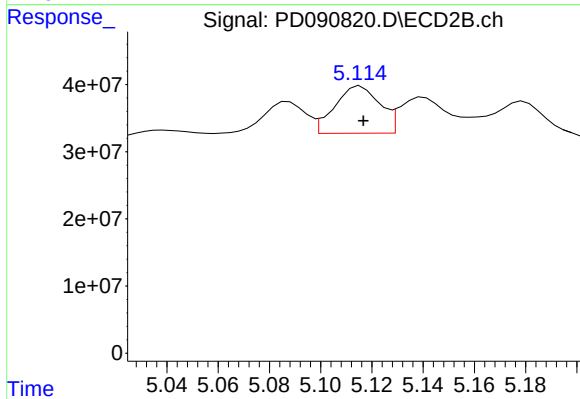
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: 0.000 min
Response: 411464595
Conc: 13.82 ng/ml



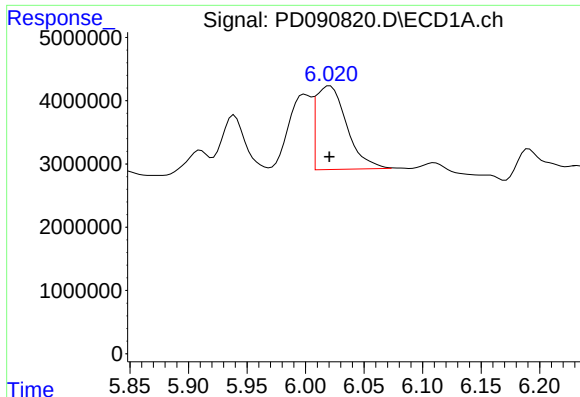
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: 0.000 min
Response: 12363320
Conc: 2.08 ng/ml



#10 gamma-Chlordane

R.T.: 5.114 min
Delta R.T.: -0.002 min
Response: 89147953
Conc: 1.98 ng/ml m



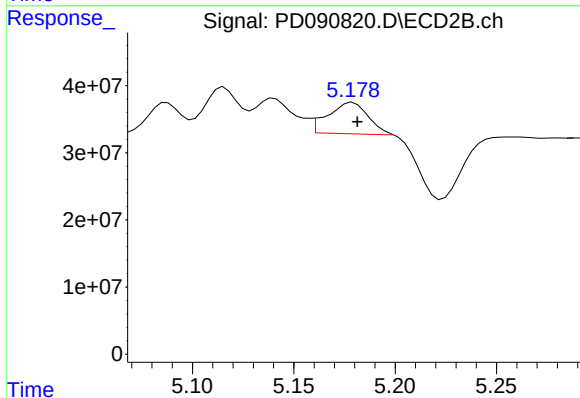
#11 alpha-Chlordane

R.T.: 6.020 min
Delta R.T.: 0.000 min
Response: 23038912
Conc: 3.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
JB-2

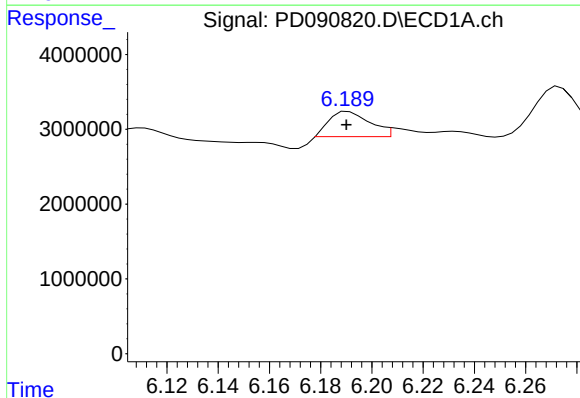
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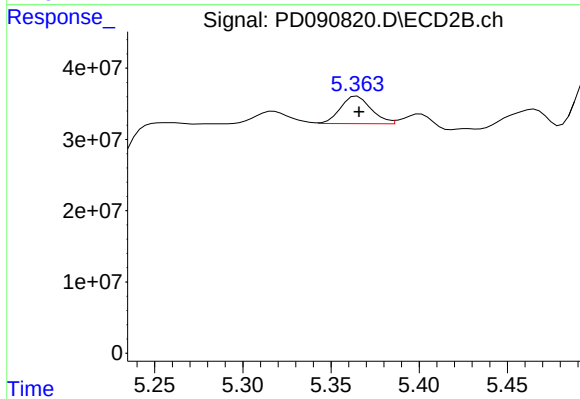
#11 alpha-Chlordane

R.T.: 5.178 min
Delta R.T.: -0.003 min
Response: 62571855
Conc: 1.45 ng/ml m



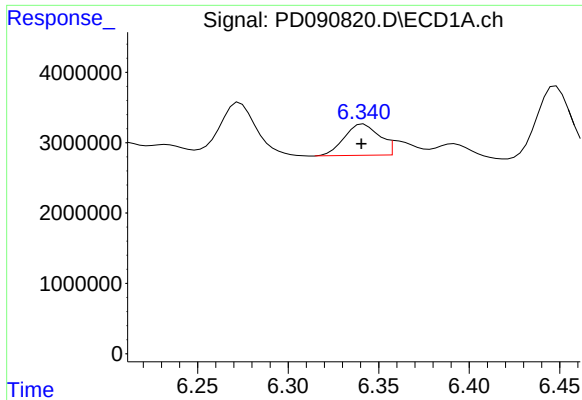
#12 4,4'-DDE

R.T.: 6.189 min
Delta R.T.: 0.000 min
Response: 3646005
Conc: 0.68 ng/ml m



#12 4,4'-DDE

R.T.: 5.363 min
Delta R.T.: -0.002 min
Response: 47373767
Conc: 1.08 ng/ml m



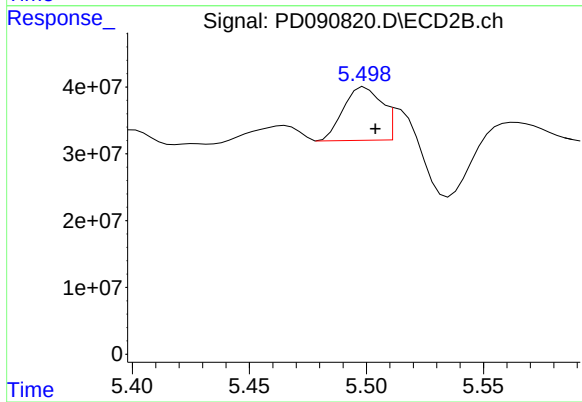
#13 Dieldrin

R.T.: 6.340 min
Delta R.T.: 0.000 min
Response: 5864199
Conc: 1.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
JB-2

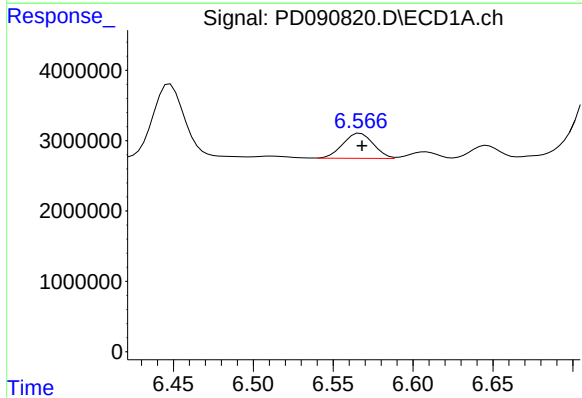
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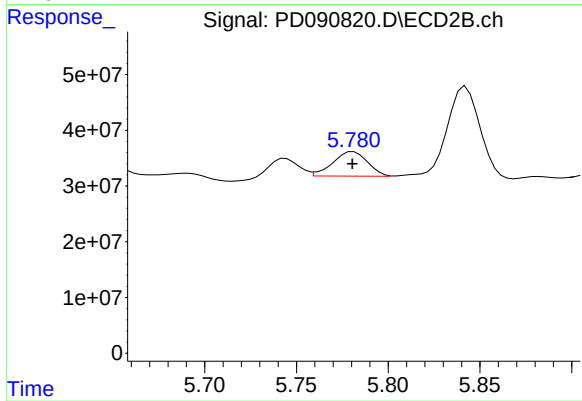
#13 Dieldrin

R.T.: 5.498 min
Delta R.T.: -0.006 min
Response: 85370658
Conc: 1.93 ng/ml m



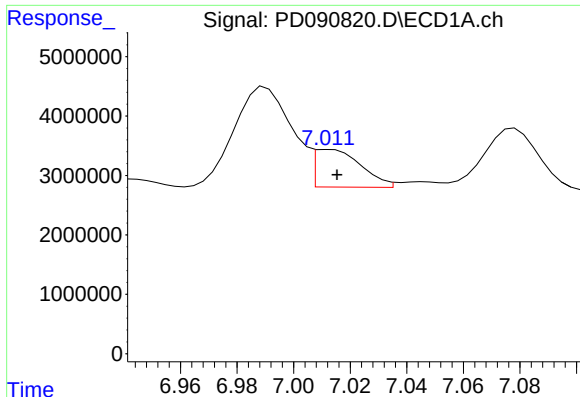
#14 Endrin

R.T.: 6.566 min
Delta R.T.: -0.003 min
Response: 4788204
Conc: 0.97 ng/ml m



#14 Endrin

R.T.: 5.780 min
Delta R.T.: 0.000 min
Response: 57001373
Conc: 1.41 ng/ml m



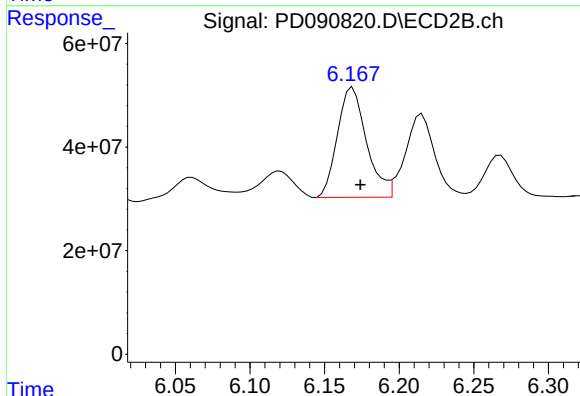
#17 4,4'-DDT

R.T.: 7.011 min
Delta R.T.: -0.004 min
Response: 6927940
Conc: 1.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
JB-2

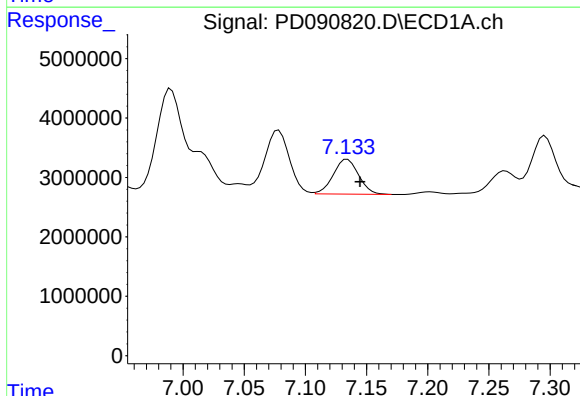
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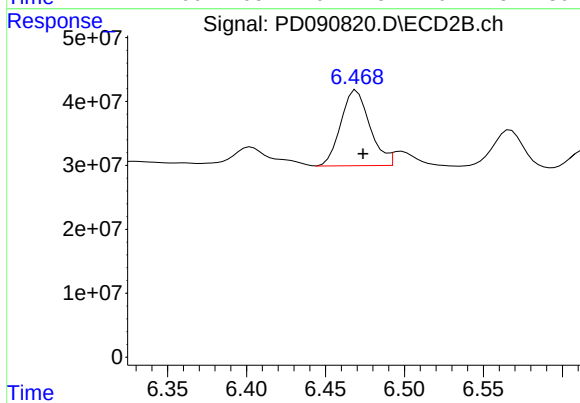
#17 4,4'-DDT

R.T.: 6.169 min
Delta R.T.: -0.005 min
Response: 288826741
Conc: 8.23 ng/ml



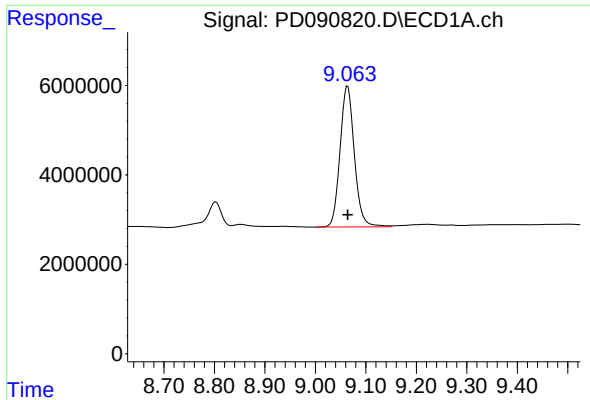
#19 Endosulfan Sulfate

R.T.: 7.133 min
Delta R.T.: -0.012 min
Response: 8405985
Conc: 1.81 ng/ml m



#19 Endosulfan Sulfate

R.T.: 6.468 min
Delta R.T.: -0.006 min
Response: 154566905
Conc: 4.31 ng/ml m



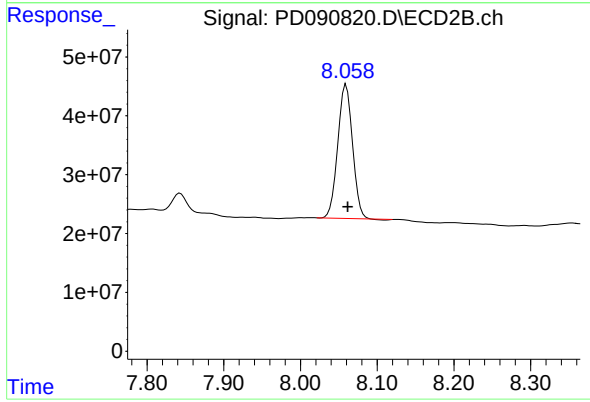
#28 Decachlorobiphenyl

R.T.: 9.064 min
Delta R.T.: 0.000 min
Response: 62100851
Conc: 13.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
JB-2

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#28 Decachlorobiphenyl

R.T.: 8.059 min
Delta R.T.: -0.002 min
Response: 303502864
Conc: 10.02 ng/ml