

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090525\
 Data File : PD090175.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Sep 2025 18:18
 Operator : AR\AJ
 Sample : Q3023-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 TP-2

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/08/2025
 Supervised By :mohammad ahmed 09/09/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 06 03:12:24 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081825.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 19 13:16:54 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	2.877	56321374	448.3E6	19.191	20.331m
28)	SA Decachlor...	9.071	8.065	65070729	383.9E6	15.077	14.832
Target Compounds							
10)	B gamma-Chl...	5.944	5.121	8648698	62234341	1.768	2.102
11)	B alpha-Chl...	6.028	5.184	10986188	64872072	2.232	2.273m
12)	B 4,4'-DDE	6.194	5.370	24733510	191.8E6	5.636	6.653
13)	MA Dieldrin	6.344	5.506	14097945	182.9E6	2.880m	6.245 #
14)	MA Endrin	6.571	5.786	3362760	72790793	0.812m	2.733m#
17)	MA 4,4'-DDT	7.020	6.176	27076011	355.1E6	7.107	14.165 #
19)	B Endosulfa...	7.140	6.475	4431784	89363792	1.131m	3.666m#

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

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Operator : AR\AJ
Sample : Q3023-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

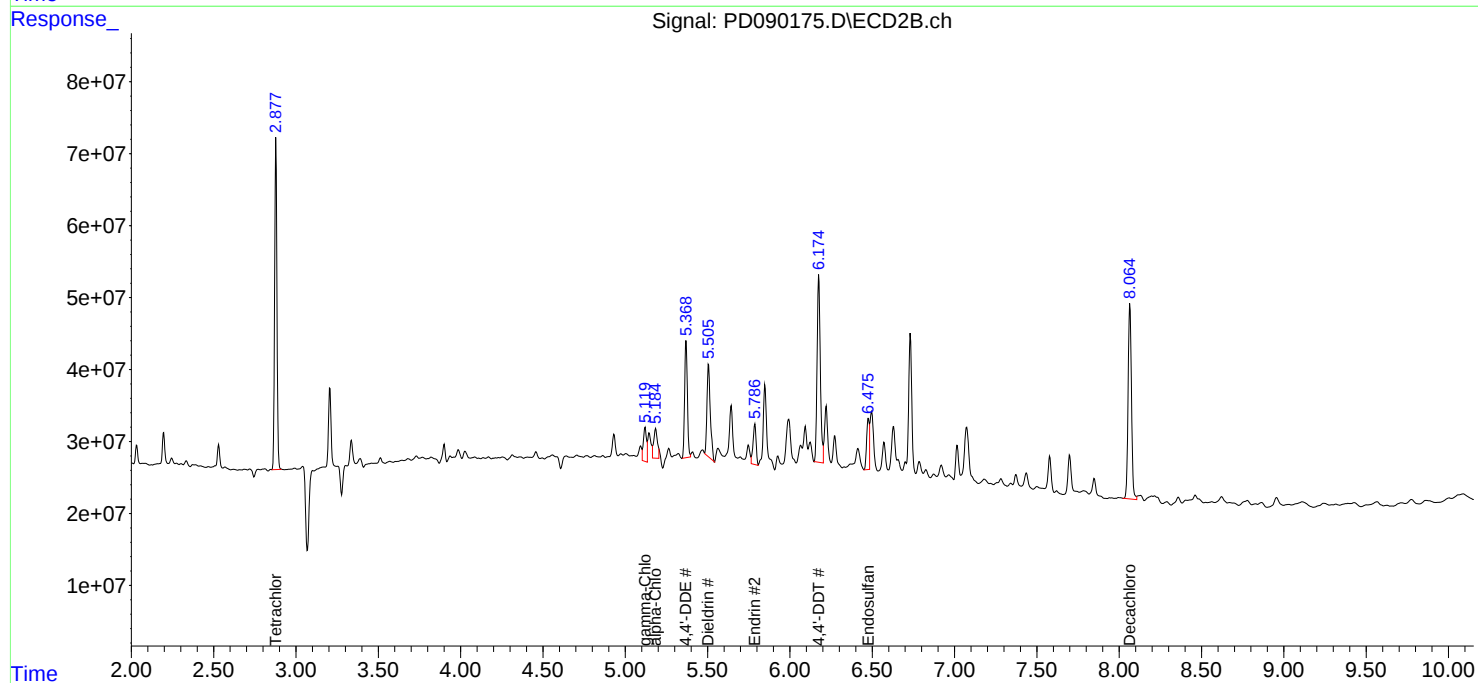
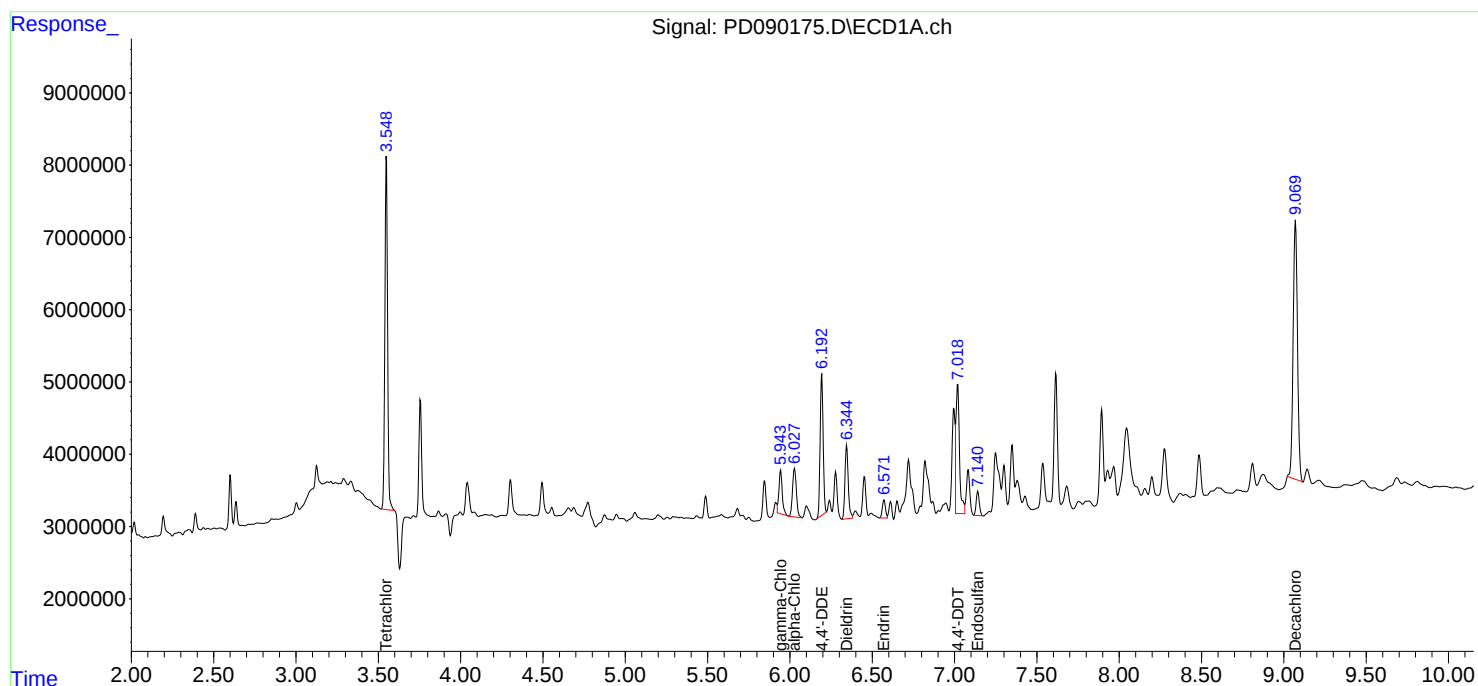
Instrument :
ECD_D
ClientSampleId :
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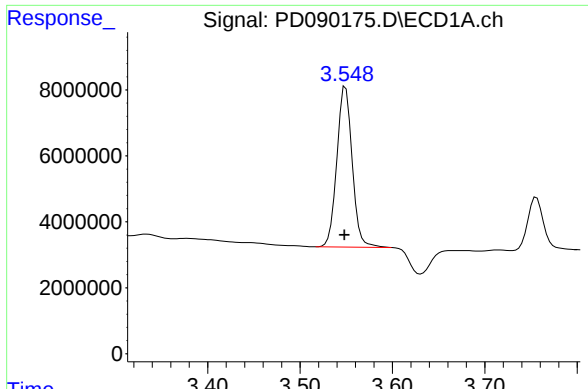
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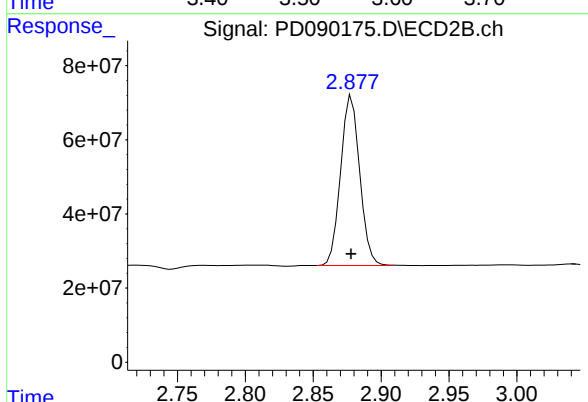
#1 Tetrachloro-m-xylene

R.T.: 3.549 min
Delta R.T.: 0.001 min
Response: 56321374
Conc: 19.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-2

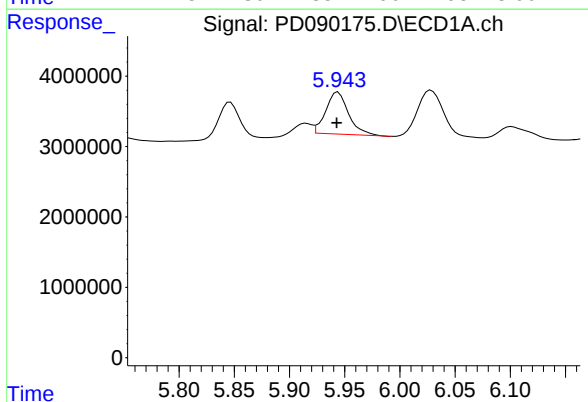
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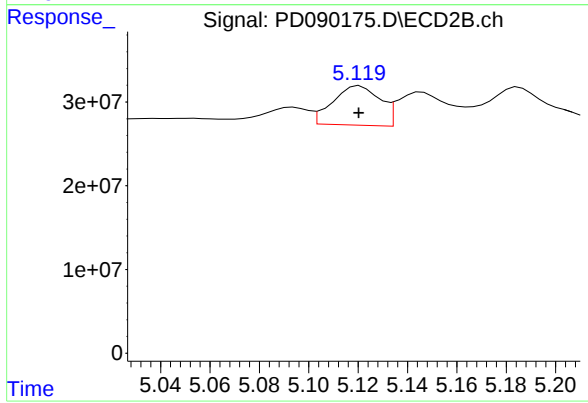
#1 Tetrachloro-m-xylene

R.T.: 2.877 min
Delta R.T.: 0.000 min
Response: 448301979
Conc: 20.33 ng/ml m



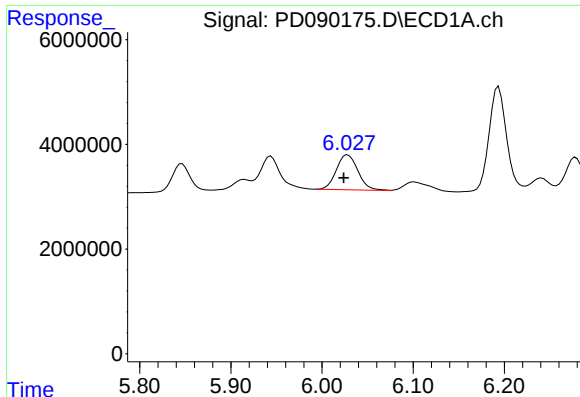
#10 gamma-Chlordane

R.T.: 5.944 min
Delta R.T.: 0.001 min
Response: 8648698
Conc: 1.77 ng/ml



#10 gamma-Chlordane

R.T.: 5.121 min
Delta R.T.: 0.000 min
Response: 62234341
Conc: 2.10 ng/ml



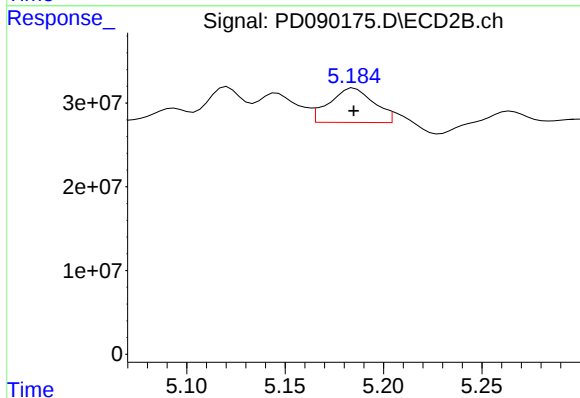
#11 alpha-Chlordane

R.T.: 6.028 min
Delta R.T.: 0.005 min
Response: 10986188
Conc: 2.23 ng/ml

Instrument :
ECD_D
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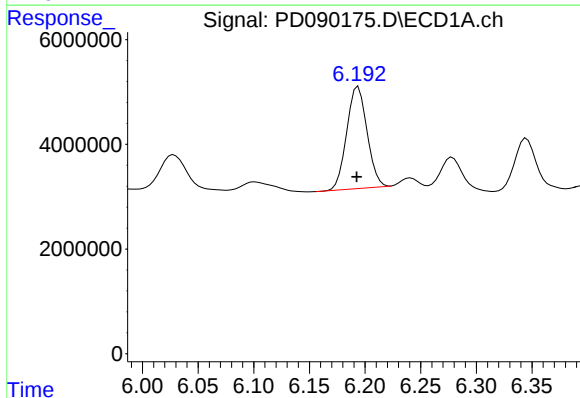
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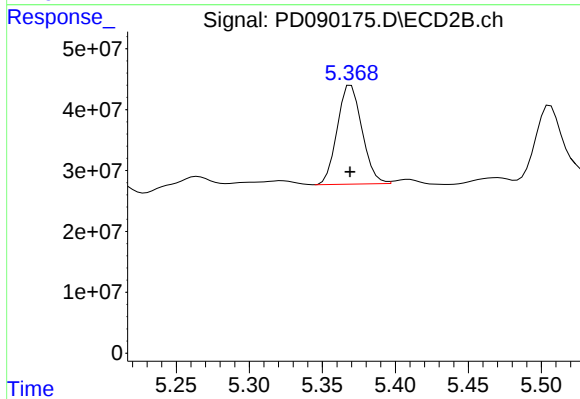
#11 alpha-Chlordane

R.T.: 5.184 min
Delta R.T.: -0.001 min
Response: 64872072
Conc: 2.27 ng/ml m



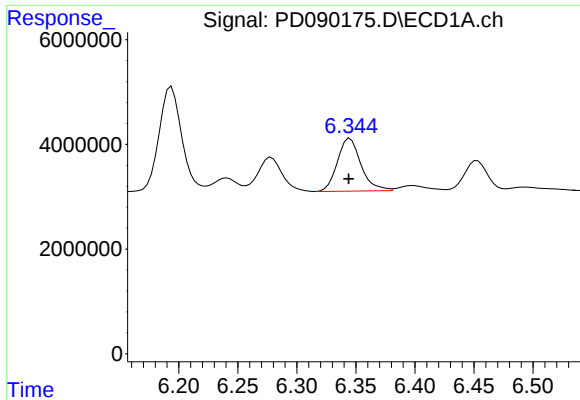
#12 4,4'-DDE

R.T.: 6.194 min
Delta R.T.: 0.001 min
Response: 24733510
Conc: 5.64 ng/ml



#12 4,4'-DDE

R.T.: 5.370 min
Delta R.T.: 0.000 min
Response: 191759495
Conc: 6.65 ng/ml



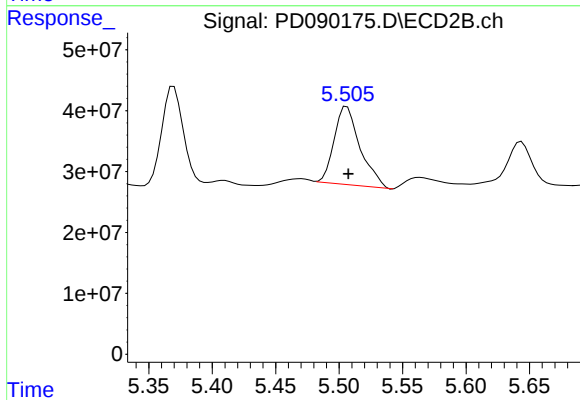
#13 Dieldrin

R.T.: 6.344 min
Delta R.T.: 0.000 min
Response: 14097945
Conc: 2.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
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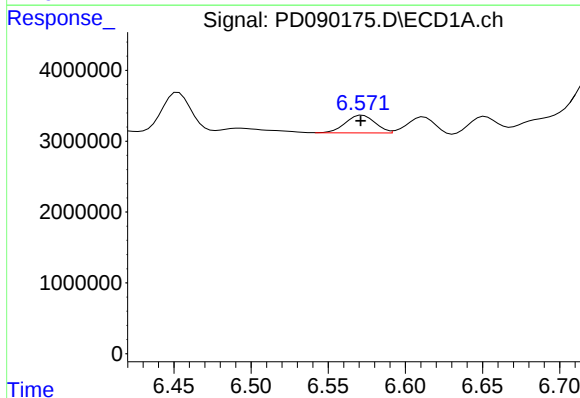
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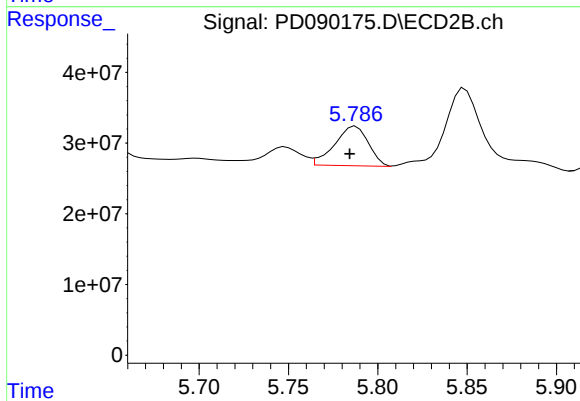
#13 Dieldrin

R.T.: 5.506 min
Delta R.T.: -0.001 min
Response: 182887662
Conc: 6.24 ng/ml



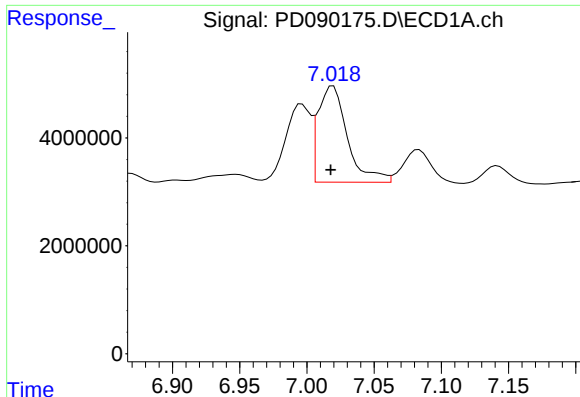
#14 Endrin

R.T.: 6.571 min
Delta R.T.: 0.000 min
Response: 3362760
Conc: 0.81 ng/ml m



#14 Endrin

R.T.: 5.786 min
Delta R.T.: 0.002 min
Response: 72790793
Conc: 2.73 ng/ml m



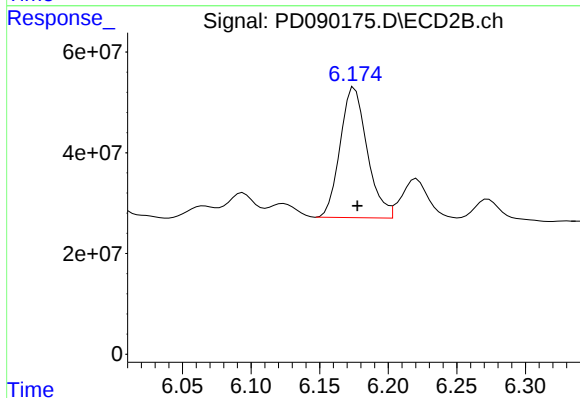
#17 4,4'-DDT

R.T.: 7.020 min
Delta R.T.: 0.002 min
Response: 27076011
Conc: 7.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-2

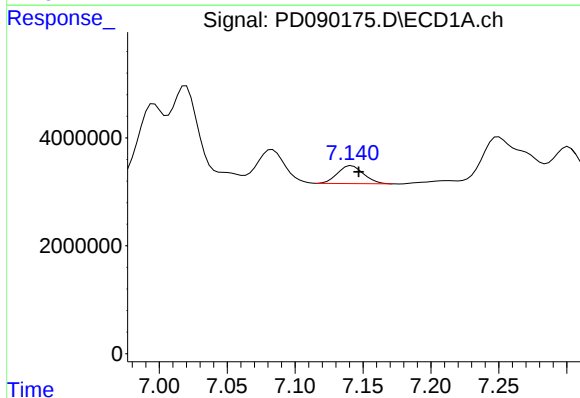
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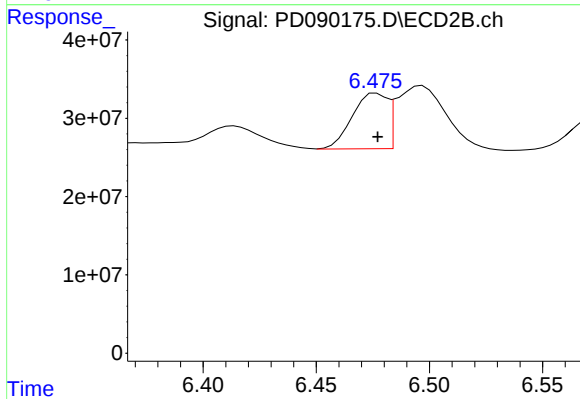
#17 4,4'-DDT

R.T.: 6.176 min
Delta R.T.: -0.002 min
Response: 355101836
Conc: 14.16 ng/ml



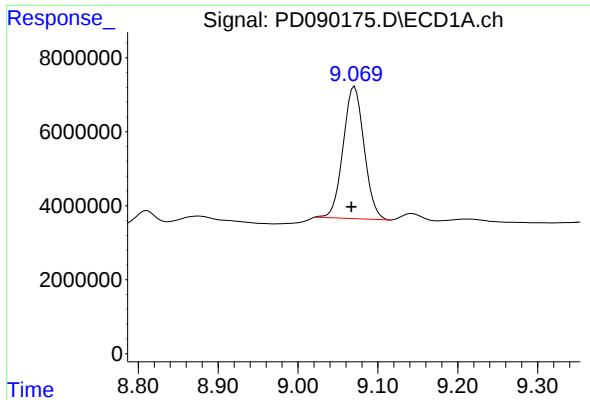
#19 Endosulfan Sulfate

R.T.: 7.140 min
Delta R.T.: -0.007 min
Response: 4431784
Conc: 1.13 ng/ml m



#19 Endosulfan Sulfate

R.T.: 6.475 min
Delta R.T.: -0.002 min
Response: 89363792
Conc: 3.67 ng/ml m



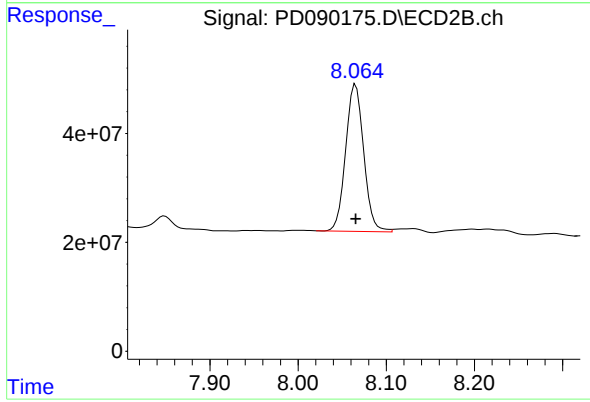
#28 Decachlorobiphenyl

R.T.: 9.071 min
Delta R.T.: 0.004 min
Response: 65070729
Conc: 15.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-2

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#28 Decachlorobiphenyl

R.T.: 8.065 min
Delta R.T.: 0.000 min
Response: 383935830
Conc: 14.83 ng/ml