

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
 Data File : PD090649.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Oct 2025 11:20
 Operator : AR\AJ
 Sample : RESCHK
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 RESCHK

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/19/2025
 Supervised By :mohammad ahmed 10/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 17 14:04:42 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 14:02:33 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...	3.543	2.874	55125186	545.1E6	17.701m	18.307
28)	SA Decachlor...	9.066	8.062	88858238	547.9E6	18.995	18.088
Target Compounds							
9)	A Endosulfan I	6.068	5.238	43926319	330.7E6	7.934	8.397
10)	B gamma-Chl...	5.940	5.116	47696248	387.3E6	8.042	8.616
12)	B 4,4'-DDE	6.190	5.366	86477351	754.1E6	16.235	17.202
13)	MA Dieldrin	6.341	5.503	92552800	748.0E6	15.872	16.930
19)	B Endosulfa...	7.144	6.474	76754913	612.1E6	16.548	17.078
20)	A Methoxychlor	7.488	6.745	169.7E6	1331.6E6	79.844	76.409
21)	B Endrin ke...	7.625	6.983	80182457	638.1E6	16.502	16.917

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

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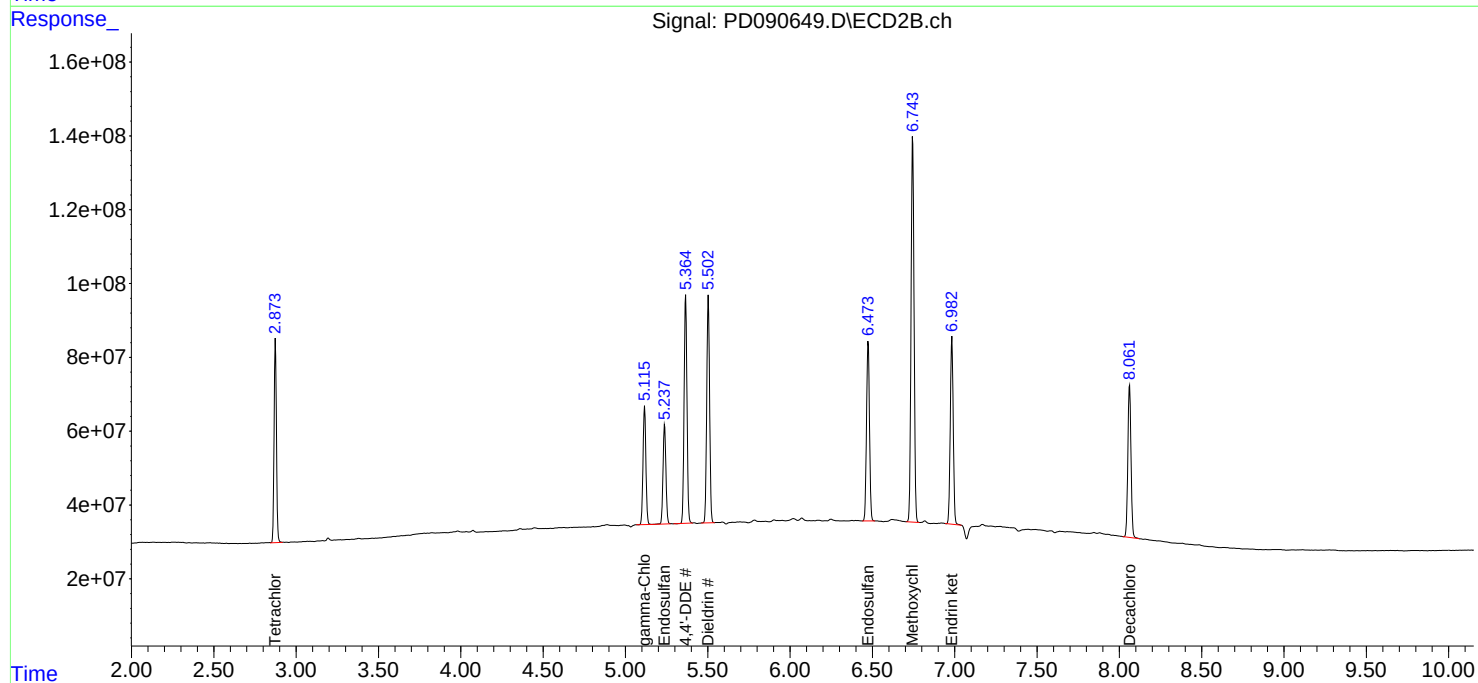
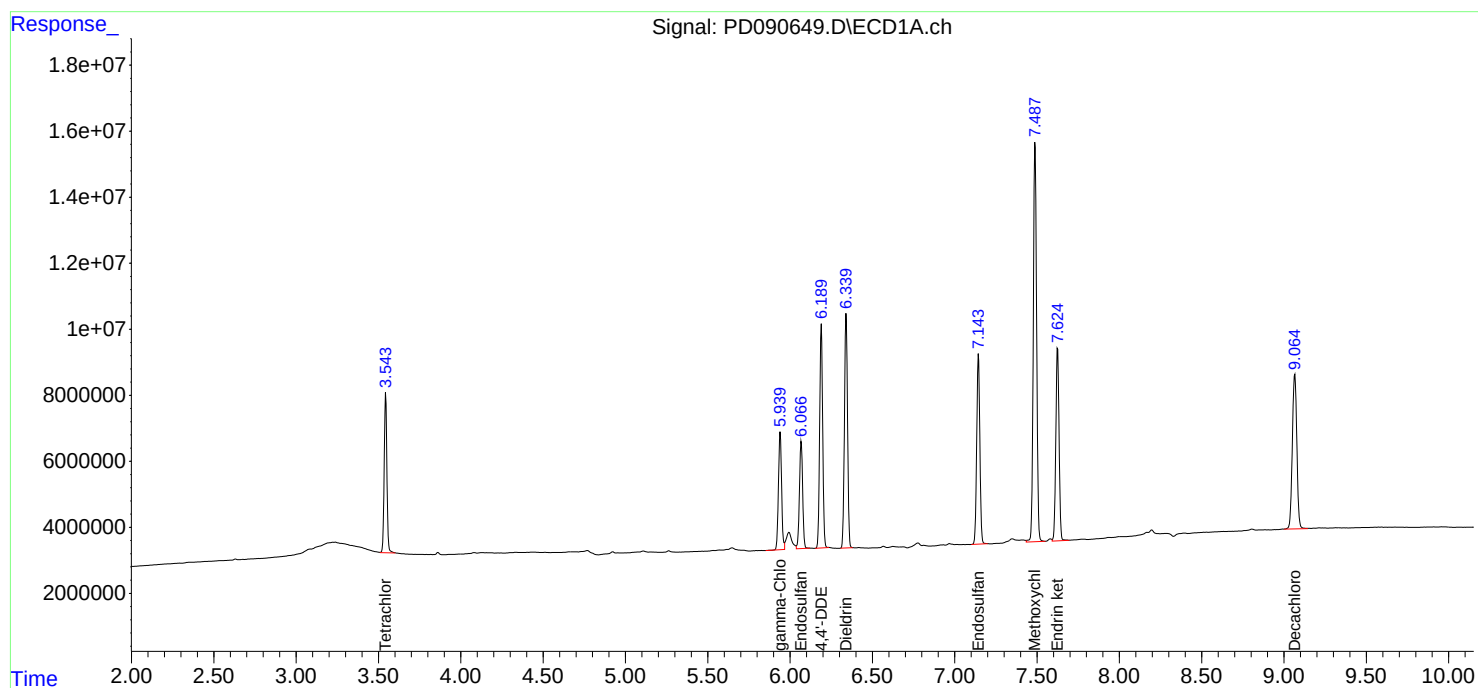
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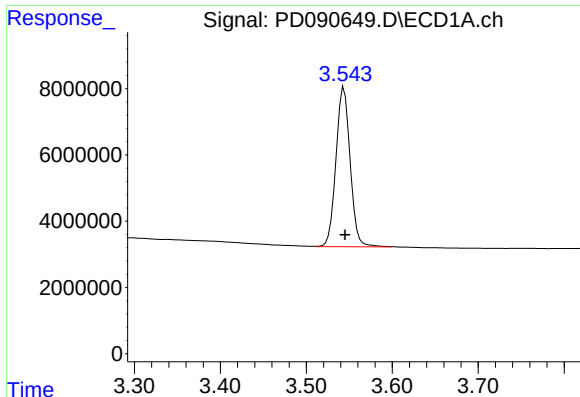
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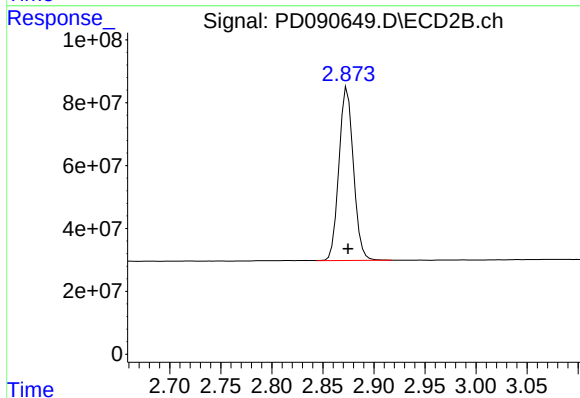
#1 Tetrachloro-m-xylene

R.T.: 3.543 min
Delta R.T.: -0.002 min
Response: 55125186
Conc: 17.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
RESCHK

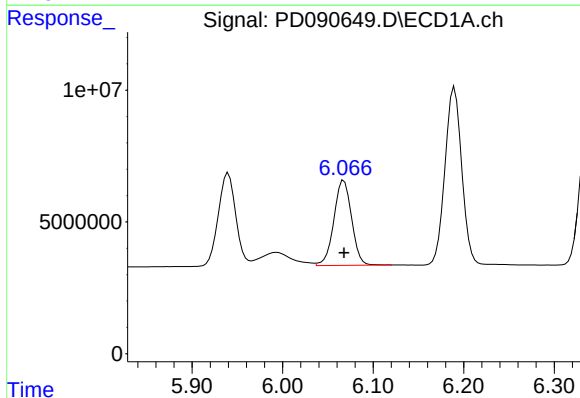
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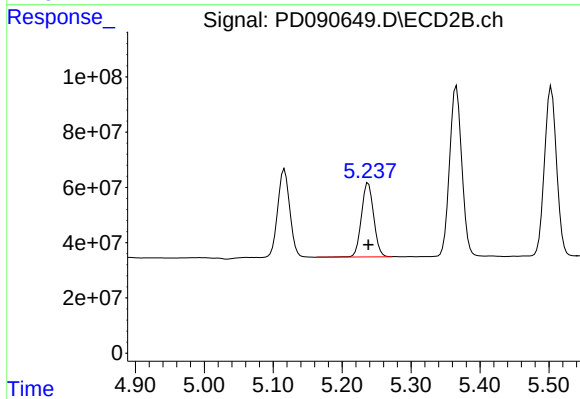
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: 0.000 min
Response: 545126372
Conc: 18.31 ng/ml



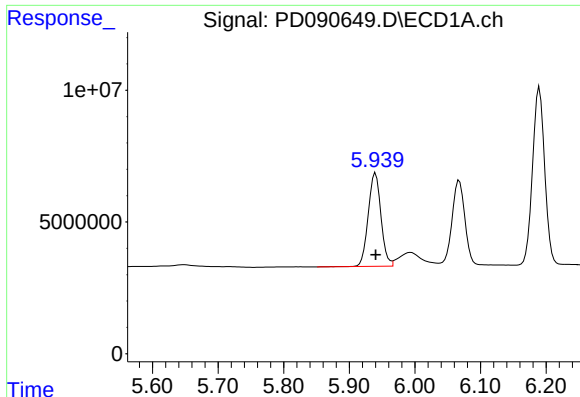
#9 Endosulfan I

R.T.: 6.068 min
Delta R.T.: 0.000 min
Response: 43926319
Conc: 7.93 ng/ml



#9 Endosulfan I

R.T.: 5.238 min
Delta R.T.: 0.000 min
Response: 330745194
Conc: 8.40 ng/ml



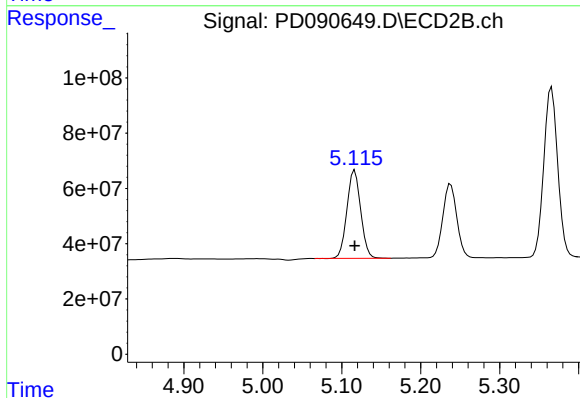
#10 gamma-Chlordane

R.T.: 5.940 min
Delta R.T.: 0.000 min
Response: 47696248
Conc: 8.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
RESCHK

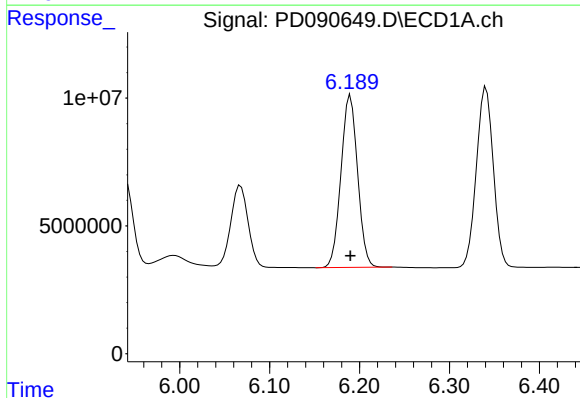
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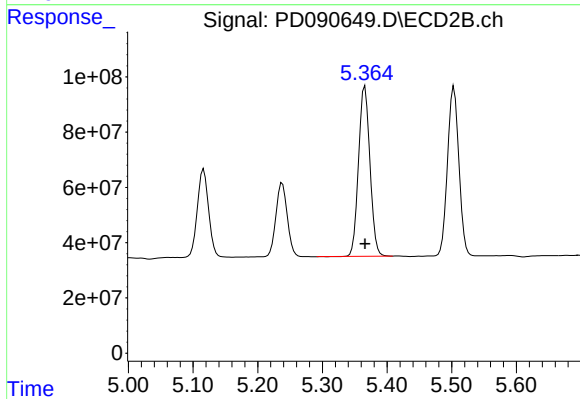
#10 gamma-Chlordane

R.T.: 5.116 min
Delta R.T.: 0.000 min
Response: 387274886
Conc: 8.62 ng/ml



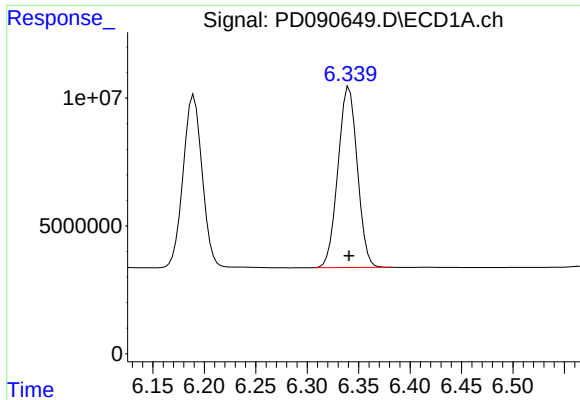
#12 4,4'-DDE

R.T.: 6.190 min
Delta R.T.: 0.000 min
Response: 86477351
Conc: 16.23 ng/ml



#12 4,4'-DDE

R.T.: 5.366 min
Delta R.T.: 0.000 min
Response: 754114700
Conc: 17.20 ng/ml



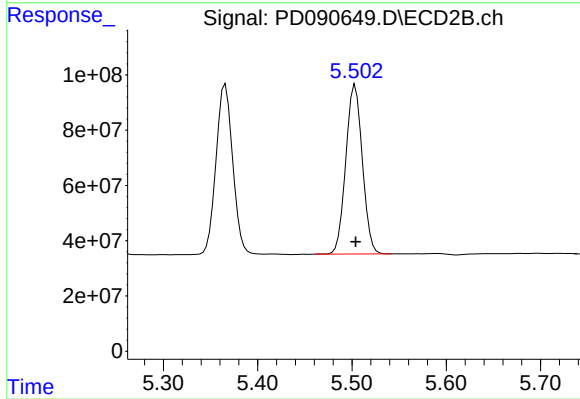
#13 Dieldrin

R.T.: 6.341 min
Delta R.T.: 0.000 min
Response: 92552800
Conc: 15.87 ng/ml

Instrument :
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ClientSampleId :
RESCHK

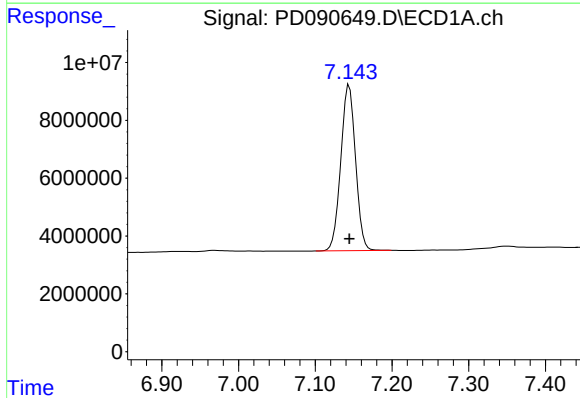
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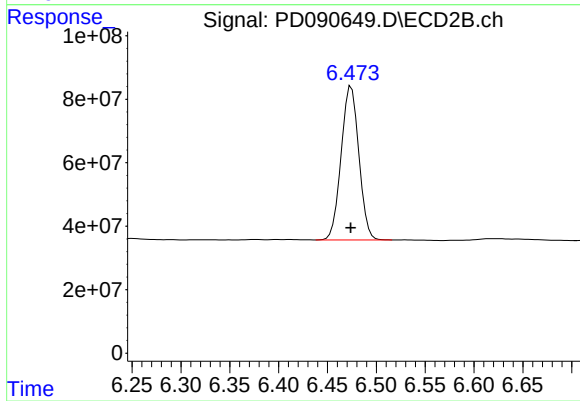
#13 Dieldrin

R.T.: 5.503 min
Delta R.T.: 0.000 min
Response: 748035470
Conc: 16.93 ng/ml



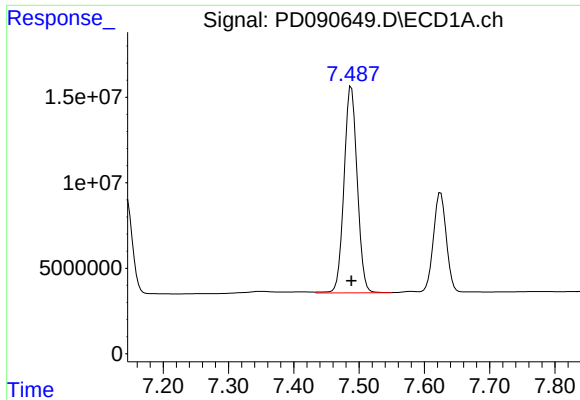
#19 Endosulfan Sulfate

R.T.: 7.144 min
Delta R.T.: 0.000 min
Response: 76754913
Conc: 16.55 ng/ml



#19 Endosulfan Sulfate

R.T.: 6.474 min
Delta R.T.: 0.000 min
Response: 612147653
Conc: 17.08 ng/ml



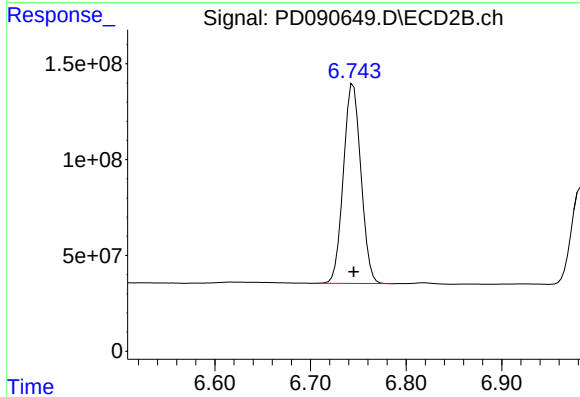
#20 Methoxychlor

R.T.: 7.488 min
Delta R.T.: 0.000 min
Response: 169715831
Conc: 79.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
RESCHK

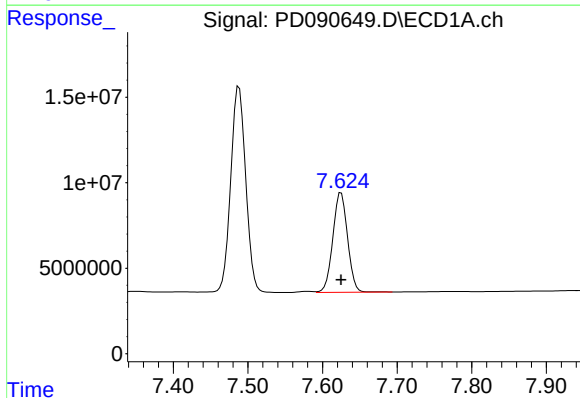
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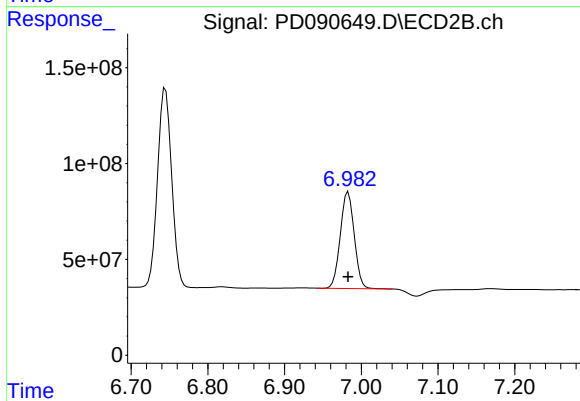
#20 Methoxychlor

R.T.: 6.745 min
Delta R.T.: 0.000 min
Response: 1331648566
Conc: 76.41 ng/ml



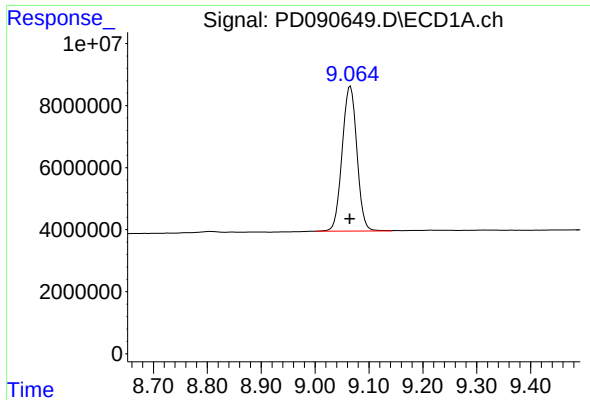
#21 Endrin ketone

R.T.: 7.625 min
Delta R.T.: 0.000 min
Response: 80182457
Conc: 16.50 ng/ml



#21 Endrin ketone

R.T.: 6.983 min
Delta R.T.: 0.000 min
Response: 638061752
Conc: 16.92 ng/ml



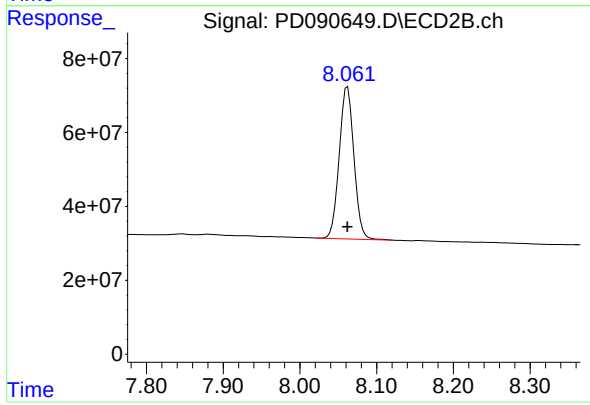
#28 Decachlorobiphenyl

R.T.: 9.066 min
Delta R.T.: 0.001 min
Response: 88858238
Conc: 19.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
RESCHK

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#28 Decachlorobiphenyl

R.T.: 8.062 min
Delta R.T.: 0.000 min
Response: 547910430
Conc: 18.09 ng/ml