

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101525\
 Data File : PD090601.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Oct 2025 12:56
 Operator : AR\AJ
 Sample : Q3337-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LAYDOWN-YARD-2

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/17/2025
 Supervised By :mohammad ahmed 10/17/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 16 08:11:01 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 19 05:52:38 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...	3.545	2.875	40559632	382.3E6	12.478	13.927
28)	SA Decachlor...	9.065	8.061	44415178	175.5E6	9.205	5.415 #
Target Compounds							
4)	MA Heptachlor	4.922	4.074	19970343	173.6E6	3.020m	4.264m#
5)	MB Aldrin	5.264	4.360	37389909	242.1E6	5.888	6.063m
10)	B gamma-Chl...	5.941	5.116	56462489	299.2E6	9.885	7.616m
11)	B alpha-Chl...	6.025	5.180	63327613	243.7E6	10.993	6.471m#
12)	B 4,4'-DDE	6.191	5.366	47935531	314.9E6	9.205	8.227
14)	MA Endrin	6.568	5.784	9365577	78579395	1.914m	2.193m
17)	MA 4,4'-DDT	7.015	6.173	34018422	344.8E6	7.640m	10.029 #

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

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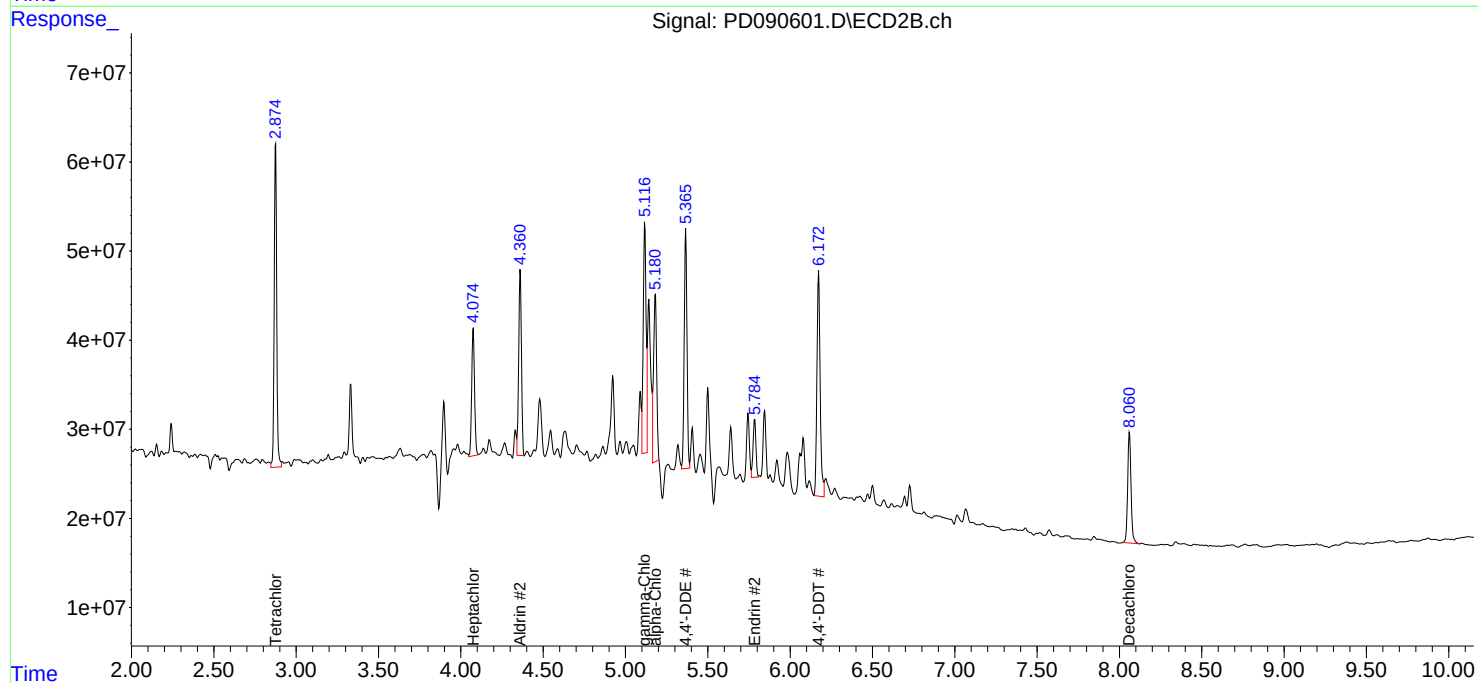
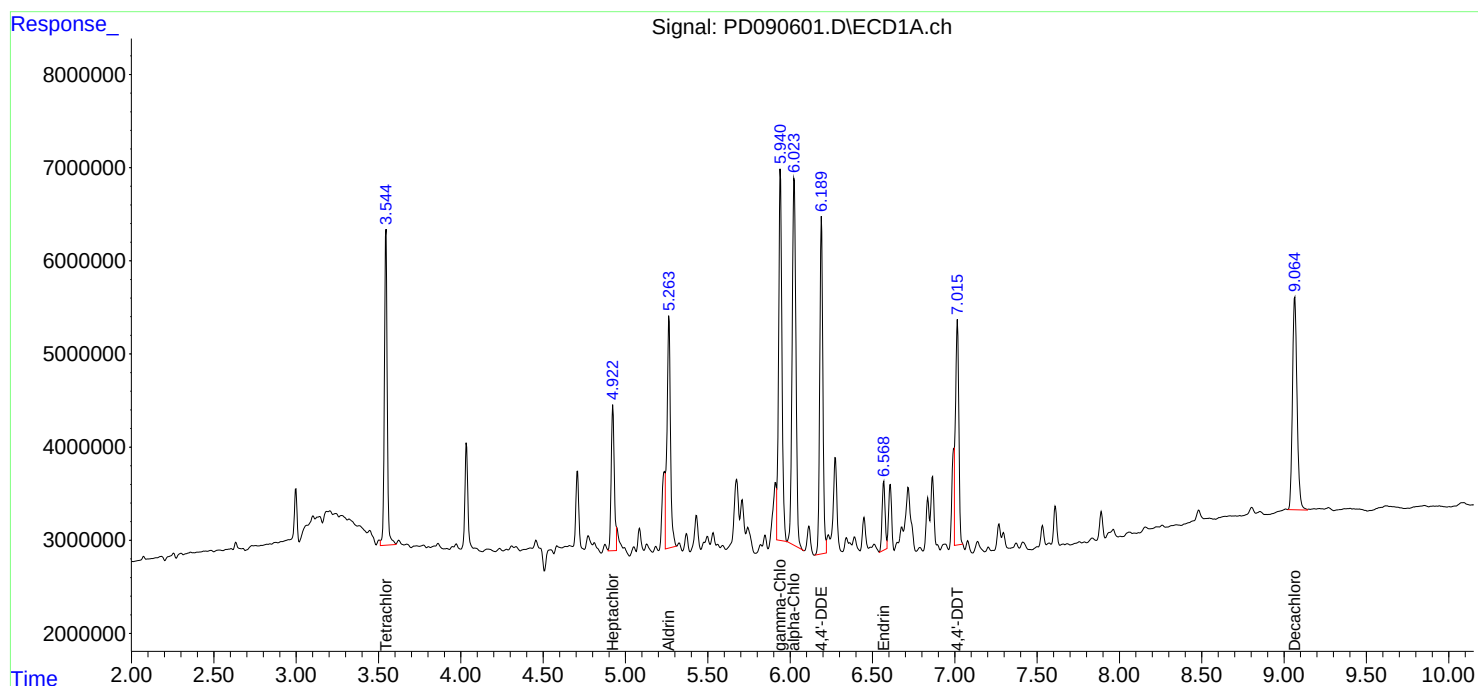
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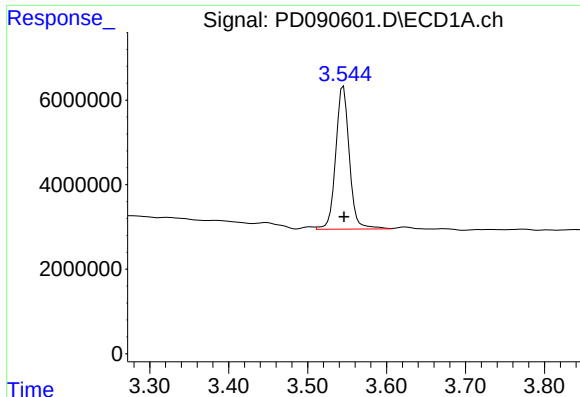
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#1 Tetrachloro-m-xylene

R.T.: 3.545 min
Delta R.T.: 0.000 min
Response: 40559632
Conc: 12.48 ng/ml

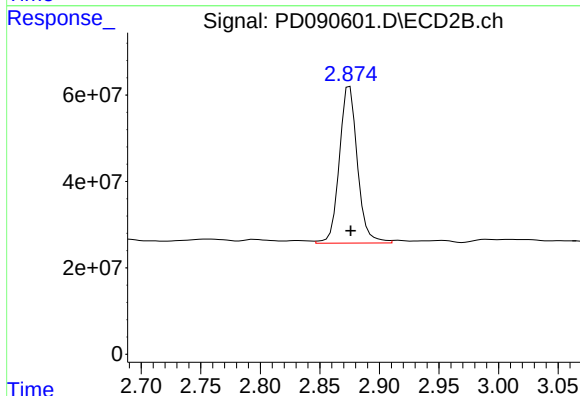
Instrument :

ECD_D

ClientSampleId :
LAYDOWN-YARD-2

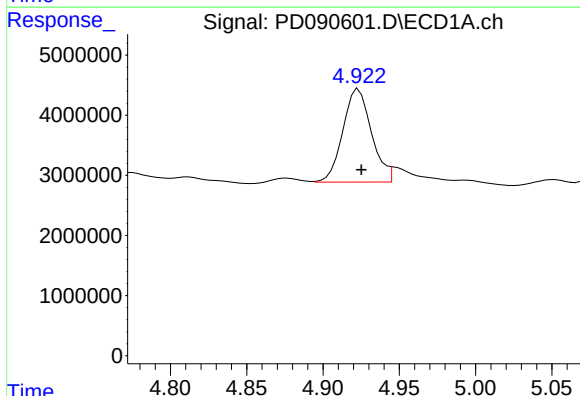
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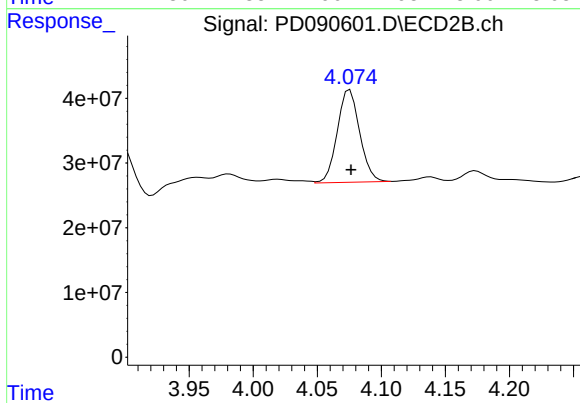
#1 Tetrachloro-m-xylene

R.T.: 2.875 min
Delta R.T.: 0.000 min
Response: 382292082
Conc: 13.93 ng/ml



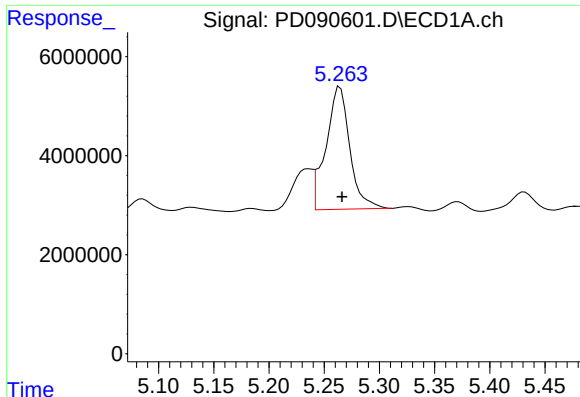
#4 Heptachlor

R.T.: 4.922 min
Delta R.T.: -0.003 min
Response: 19970343
Conc: 3.02 ng/ml m



#4 Heptachlor

R.T.: 4.074 min
Delta R.T.: -0.002 min
Response: 173600136
Conc: 4.26 ng/ml m



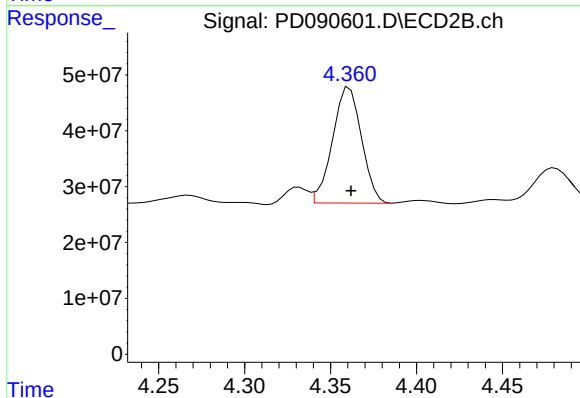
#5 Aldrin

R.T.: 5.264 min
Delta R.T.: -0.002 min
Response: 37389909
Conc: 5.89 ng/ml

Instrument :
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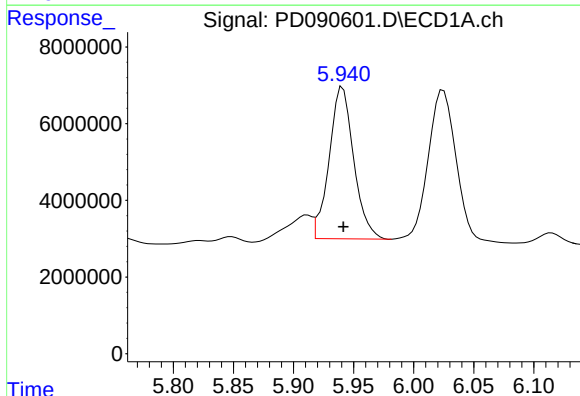
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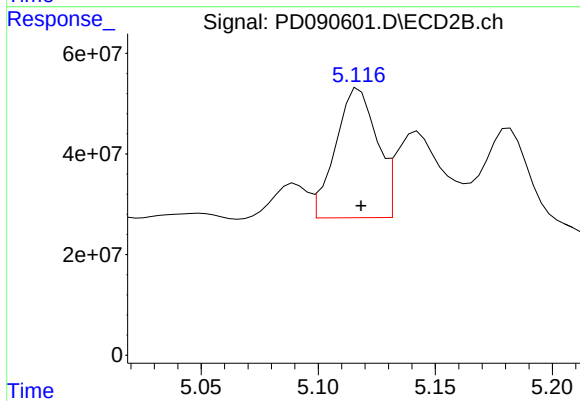
#5 Aldrin

R.T.: 4.360 min
Delta R.T.: -0.002 min
Response: 242118036
Conc: 6.06 ng/ml m



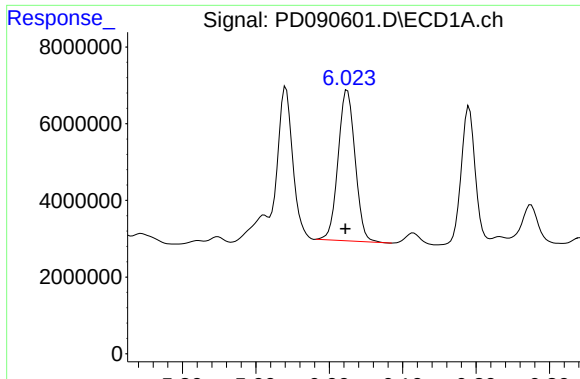
#10 gamma-Chlordane

R.T.: 5.941 min
Delta R.T.: 0.000 min
Response: 56462489
Conc: 9.88 ng/ml



#10 gamma-Chlordane

R.T.: 5.116 min
Delta R.T.: -0.002 min
Response: 299212136
Conc: 7.62 ng/ml m



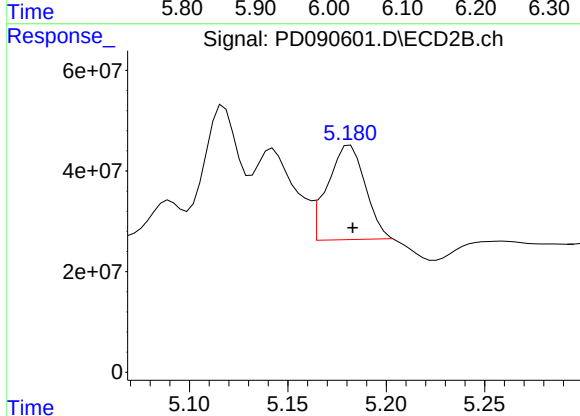
#11 alpha-Chlordane

R.T.: 6.025 min
Delta R.T.: 0.002 min
Response: 63327613
Conc: 10.99 ng/ml

Instrument :
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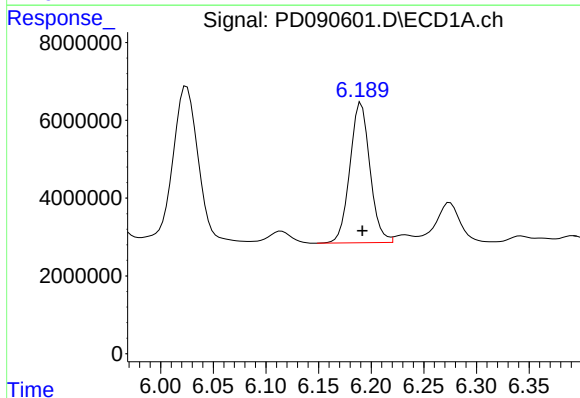
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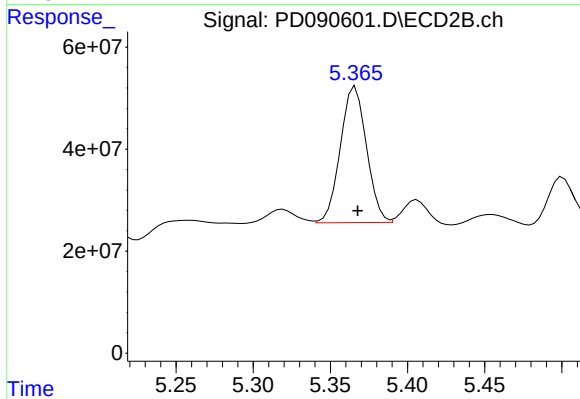
#11 alpha-Chlordane

R.T.: 5.180 min
Delta R.T.: -0.003 min
Response: 243740715
Conc: 6.47 ng/ml m



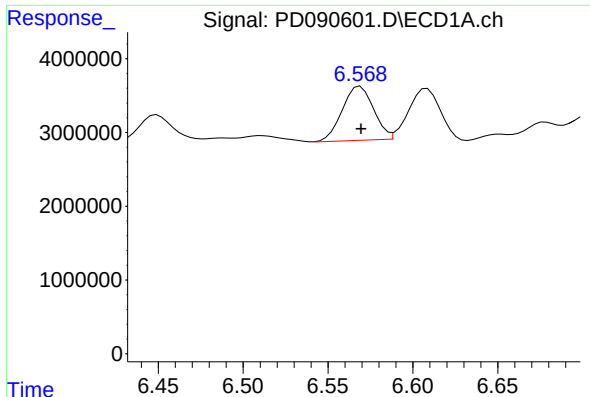
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: -0.001 min
Response: 47935531
Conc: 9.21 ng/ml



#12 4,4'-DDE

R.T.: 5.366 min
Delta R.T.: -0.002 min
Response: 314914775
Conc: 8.23 ng/ml



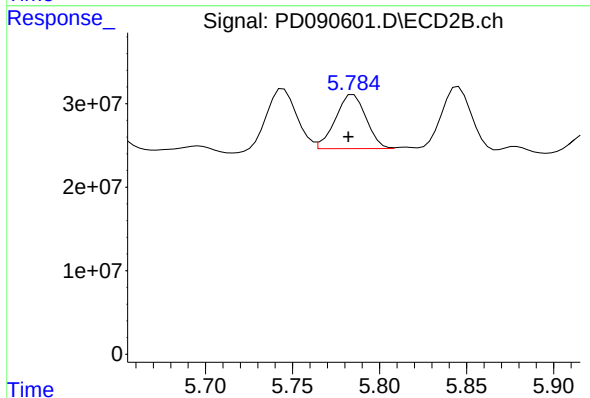
#14 Endrin

R.T.: 6.568 min
Delta R.T.: -0.002 min
Response: 9365577
Conc: 1.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
LAYDOWN-YARD-2

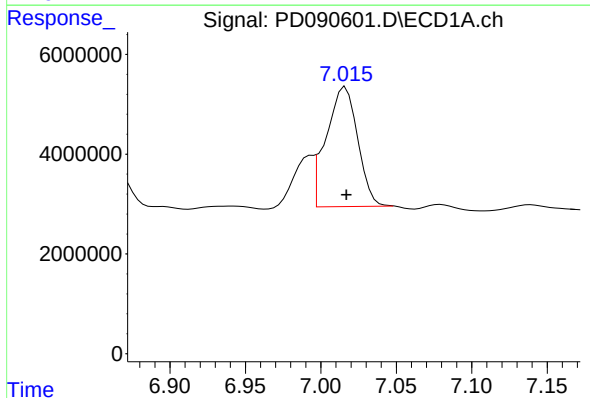
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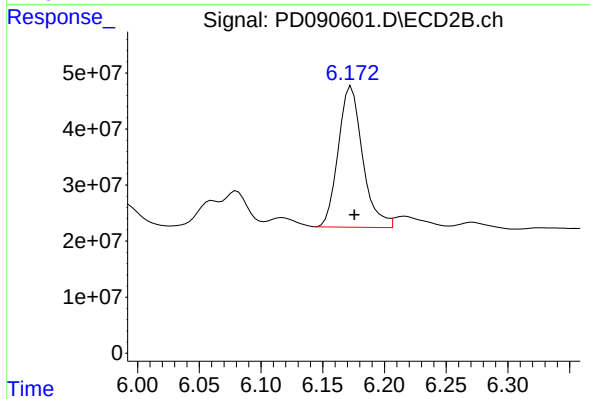
#14 Endrin

R.T.: 5.784 min
Delta R.T.: 0.002 min
Response: 78579395
Conc: 2.19 ng/ml m



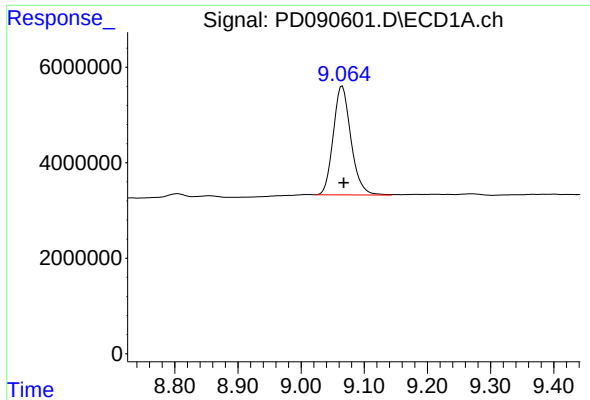
#17 4,4'-DDT

R.T.: 7.015 min
Delta R.T.: -0.002 min
Response: 34018422
Conc: 7.64 ng/ml m



#17 4,4'-DDT

R.T.: 6.173 min
Delta R.T.: -0.002 min
Response: 344802168
Conc: 10.03 ng/ml



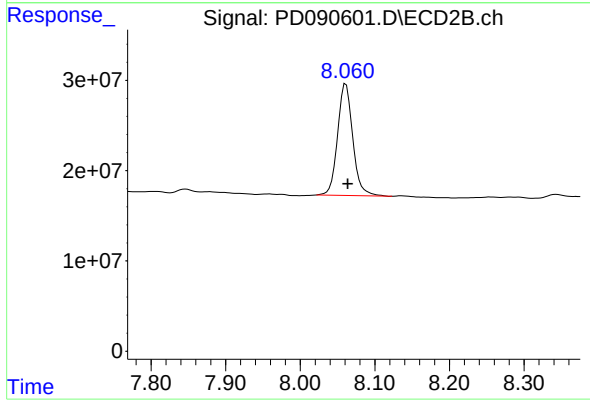
#28 Decachlorobiphenyl

R.T.: 9.065 min
Delta R.T.: -0.002 min
Response: 44415178
Conc: 9.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
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#28 Decachlorobiphenyl

R.T.: 8.061 min
Delta R.T.: -0.003 min
Response: 175539294
Conc: 5.42 ng/ml