

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101525\
 Data File : PD090600.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Oct 2025 12:43
 Operator : AR\AJ
 Sample : Q3337-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LAYDOWN-YARD-1

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/16/2025
 Supervised By :mohammad ahmed 10/17/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 16 08:10:39 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...	3.549	2.875	44377720	404.3E6	13.653	14.727
28)	SA Decachlor...	9.070	8.062	58040718	264.0E6	12.029	8.143 #
Target Compounds							
4)	MA Heptachlor	4.925	4.073	21562703	170.4E6	3.261m	4.184m#
5)	MB Aldrin	5.266	4.359	34953097	243.4E6	5.504m	6.095m
10)	B gamma-Chl...	5.942	5.116	53168420	320.6E6	9.308m	8.161m
11)	B alpha-Chl...	6.027	5.181	58228181	282.9E6	10.108m	7.511m#
12)	B 4,4'-DDE	6.194	5.366	30821727	219.1E6	5.919	5.724
14)	MA Endrin	6.570	5.784	7447376	44864775	1.522m	1.252m
17)	MA 4,4'-DDT	7.019	6.172	11641049	177.3E6	2.615	5.157 #

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

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Misc :
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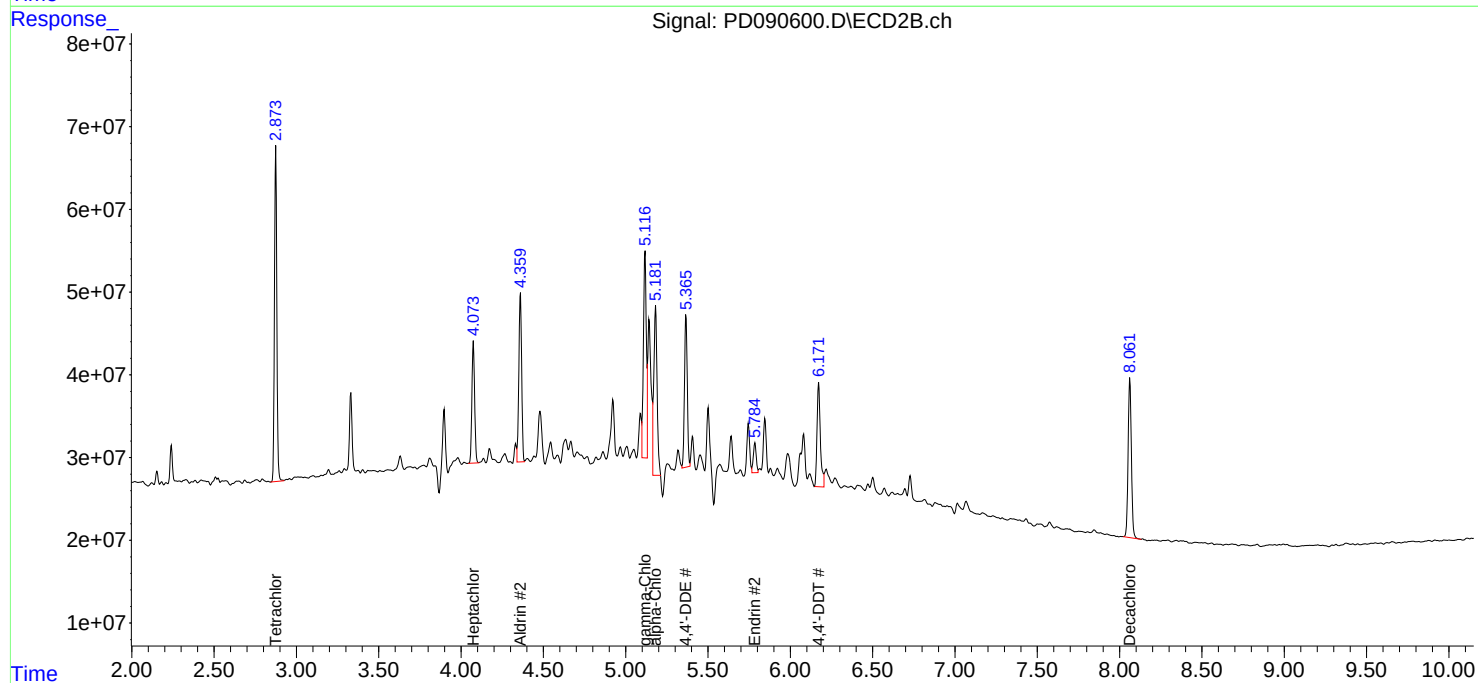
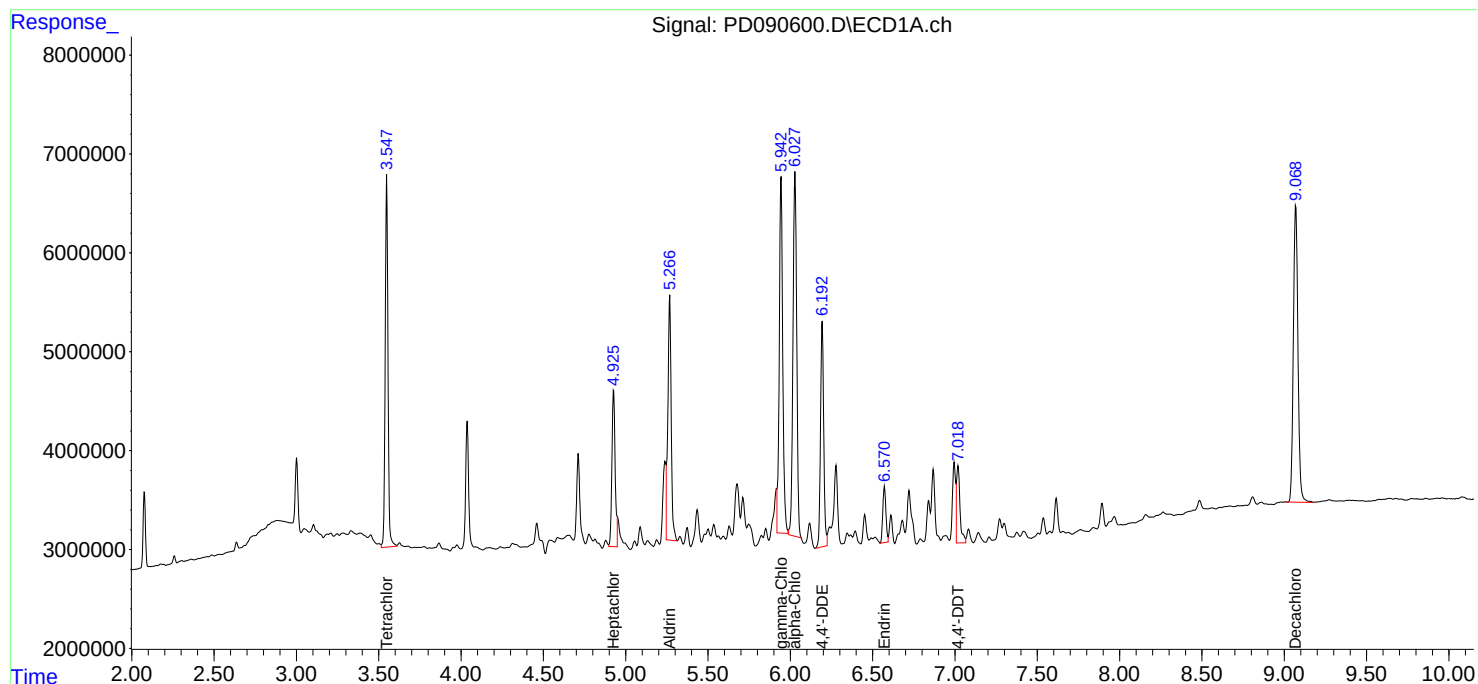
Instrument :
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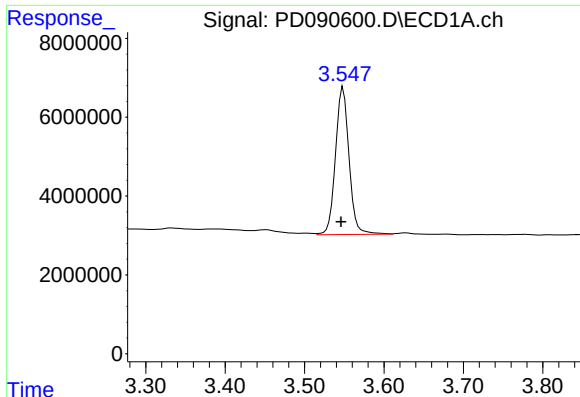
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Integration File signal 1: autoint1.e
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Quant Title : GC Extractables
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





#1 Tetrachloro-m-xylene

R.T.: 3.549 min
Delta R.T.: 0.003 min
Response: 44377720
Conc: 13.65 ng/ml

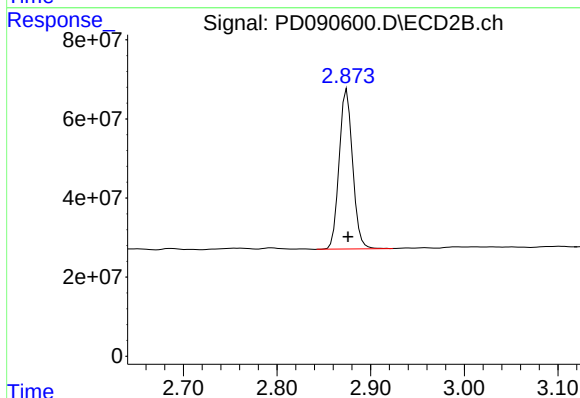
Instrument :

ECD_D

ClientSampleId :
LAYDOWN-YARD-1

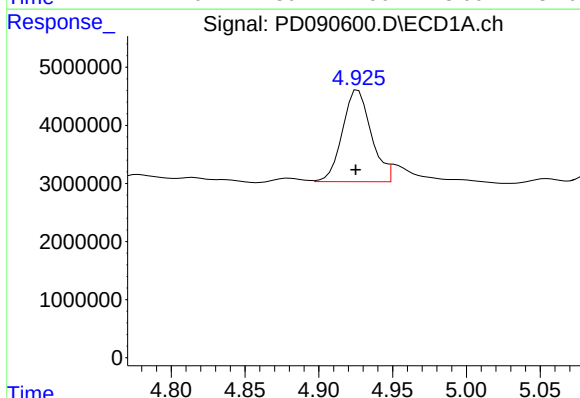
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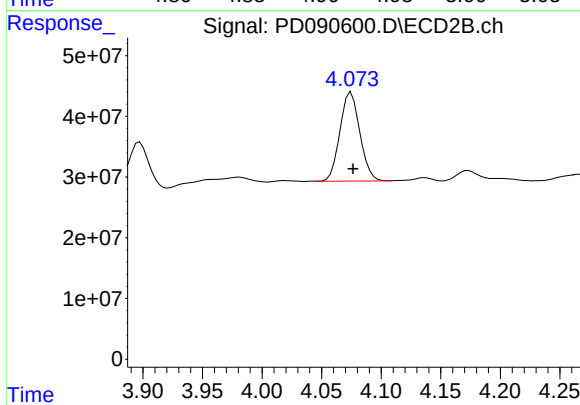
#1 Tetrachloro-m-xylene

R.T.: 2.875 min
Delta R.T.: -0.001 min
Response: 404263388
Conc: 14.73 ng/ml



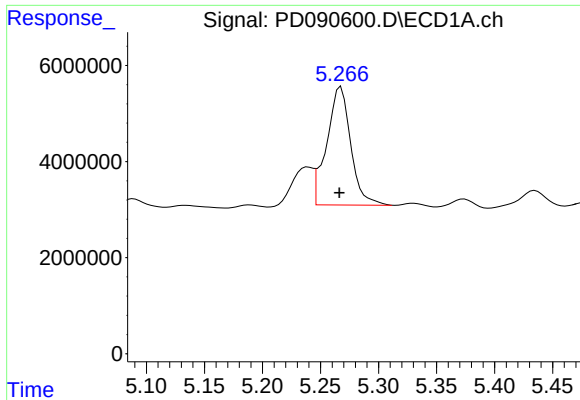
#4 Heptachlor

R.T.: 4.925 min
Delta R.T.: 0.000 min
Response: 21562703
Conc: 3.26 ng/ml m



#4 Heptachlor

R.T.: 4.073 min
Delta R.T.: -0.003 min
Response: 170372421
Conc: 4.18 ng/ml m



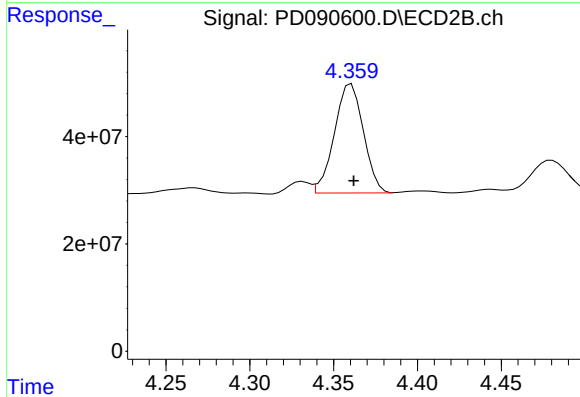
#5 Aldrin

R.T.: 5.266 min
Delta R.T.: 0.000 min
Response: 34953097
Conc: 5.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
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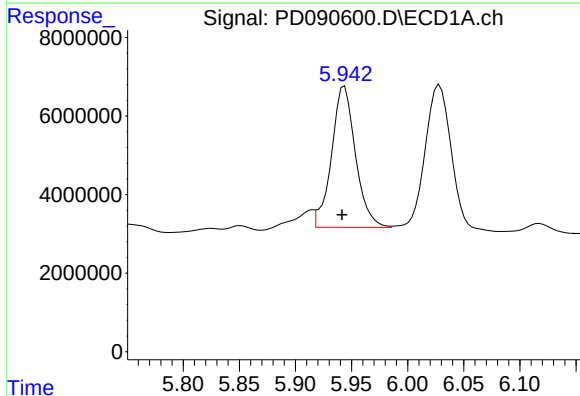
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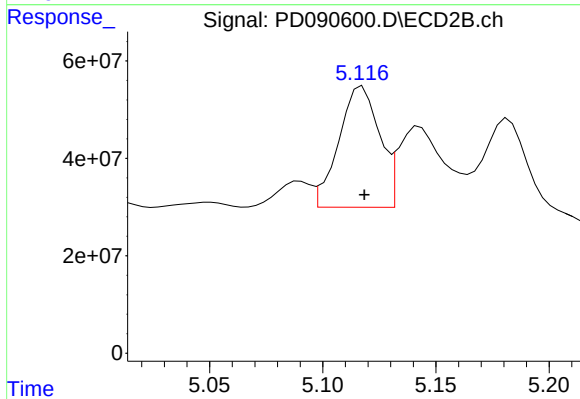
#5 Aldrin

R.T.: 4.359 min
Delta R.T.: -0.003 min
Response: 243392572
Conc: 6.09 ng/ml m



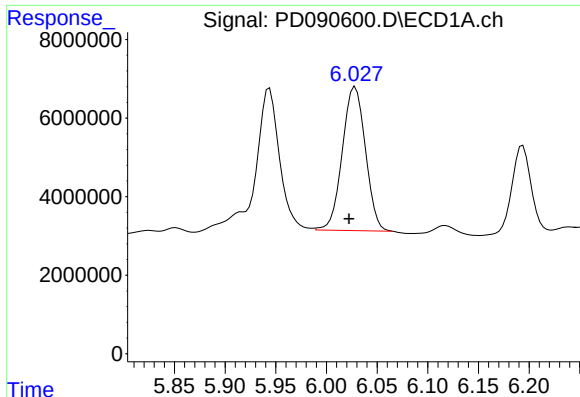
#10 gamma-Chlordane

R.T.: 5.942 min
Delta R.T.: 0.000 min
Response: 53168420
Conc: 9.31 ng/ml m



#10 gamma-Chlordane

R.T.: 5.116 min
Delta R.T.: -0.002 min
Response: 320604067
Conc: 8.16 ng/ml m



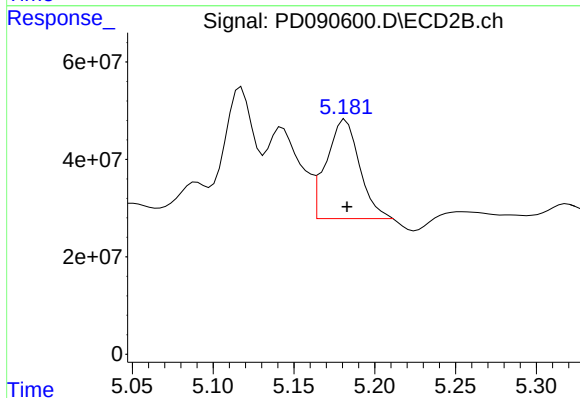
#11 alpha-Chlordane

R.T.: 6.027 min
Delta R.T.: 0.005 min
Response: 58228181
Conc: 10.11 ng/ml

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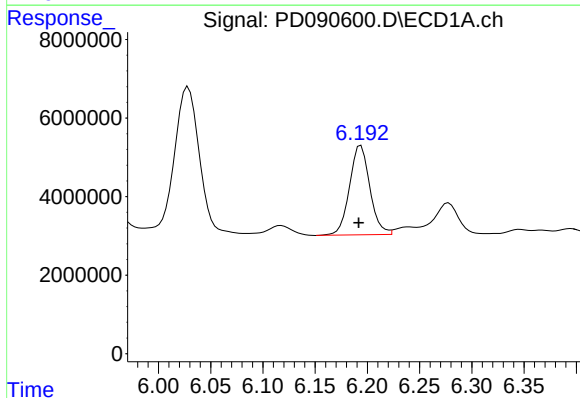
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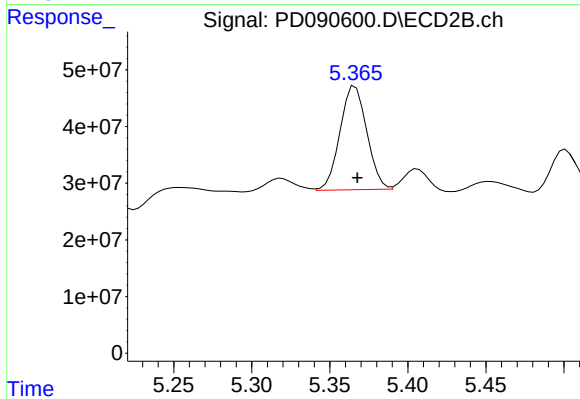
#11 alpha-Chlordane

R.T.: 5.181 min
Delta R.T.: -0.002 min
Response: 282889139
Conc: 7.51 ng/ml m



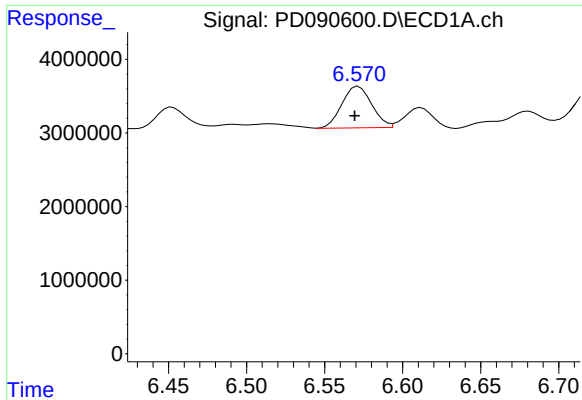
#12 4,4'-DDE

R.T.: 6.194 min
Delta R.T.: 0.002 min
Response: 30821727
Conc: 5.92 ng/ml



#12 4,4'-DDE

R.T.: 5.366 min
Delta R.T.: -0.001 min
Response: 219102999
Conc: 5.72 ng/ml



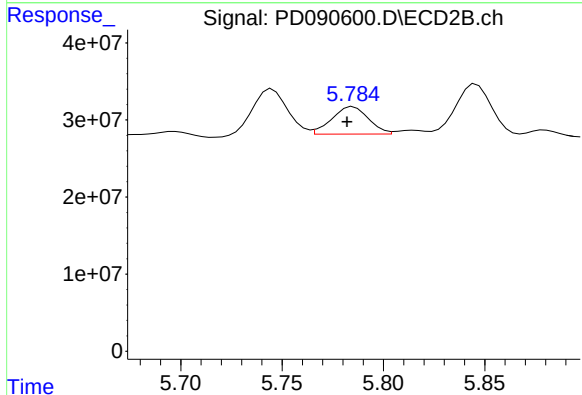
#14 Endrin

R.T.: 6.570 min
Delta R.T.: 0.001 min
Response: 7447376
Conc: 1.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
LAYDOWN-YARD-1

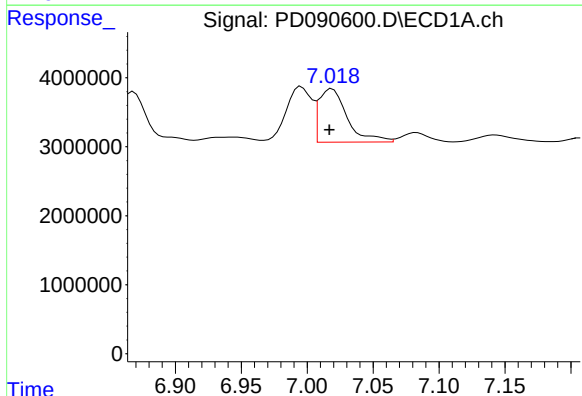
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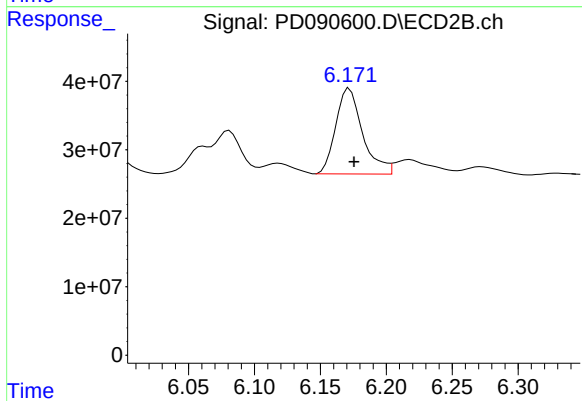
#14 Endrin

R.T.: 5.784 min
Delta R.T.: 0.002 min
Response: 44864775
Conc: 1.25 ng/ml m



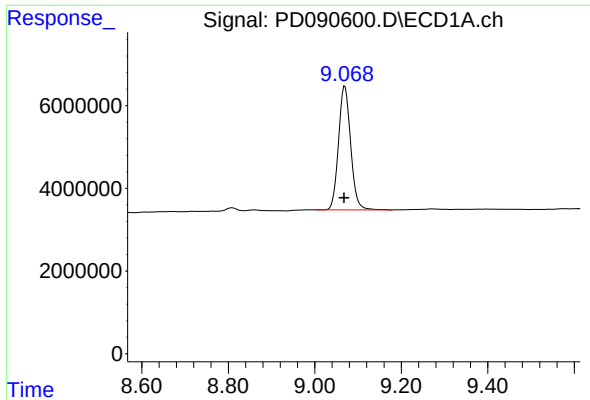
#17 4,4'-DDT

R.T.: 7.019 min
Delta R.T.: 0.002 min
Response: 11641049
Conc: 2.61 ng/ml



#17 4,4'-DDT

R.T.: 6.172 min
Delta R.T.: -0.004 min
Response: 177278327
Conc: 5.16 ng/ml



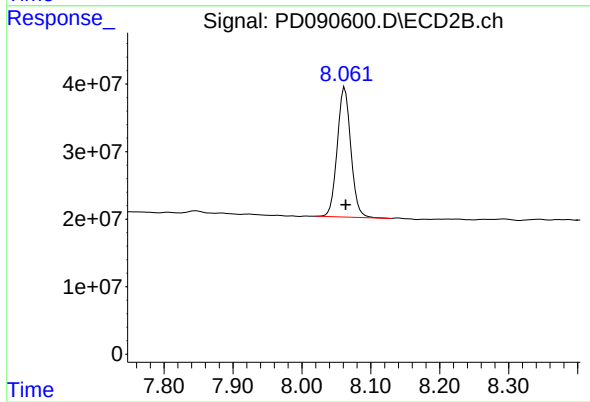
#28 Decachlorobiphenyl

R.T.: 9.070 min
Delta R.T.: 0.002 min
Response: 58040718
Conc: 12.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
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#28 Decachlorobiphenyl

R.T.: 8.062 min
Delta R.T.: -0.002 min
Response: 263964683
Conc: 8.14 ng/ml