

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062325\
 Data File : PL096136.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Jun 2025 10:54
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/25/2025
 Supervised By :mohammad ahmed 06/26/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 24 10:52:44 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062325.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 23 14:48:31 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 x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.571	2.881	68497688	86280373	19.898	19.665
28)	SA Decachlor...	9.113	8.062	58148929	117.8E6	21.812	21.900
Target Compounds							
2)	A alpha-BHC	4.022	3.389	53554228	64174674	9.995	9.696
3)	MA gamma-BHC...	4.353	3.723	48374719	60734897	9.660	9.652
6)	B beta-BHC	4.541	4.018	21441999	27286525	10.024	9.895
14)	MA Endrin	6.598	5.775	183.4E6	287.2E6	51.457	52.551
17)	MA 4,4'-DDT	7.048	6.175	333.3E6	579.0E6	101.963	105.479
20)	A Methoxychlor	7.523	6.747	397.0E6	690.2E6	241.108	235.132
21)	B Endrin ke...	7.655	6.975	1443081	2351514	0.400m	0.393m

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

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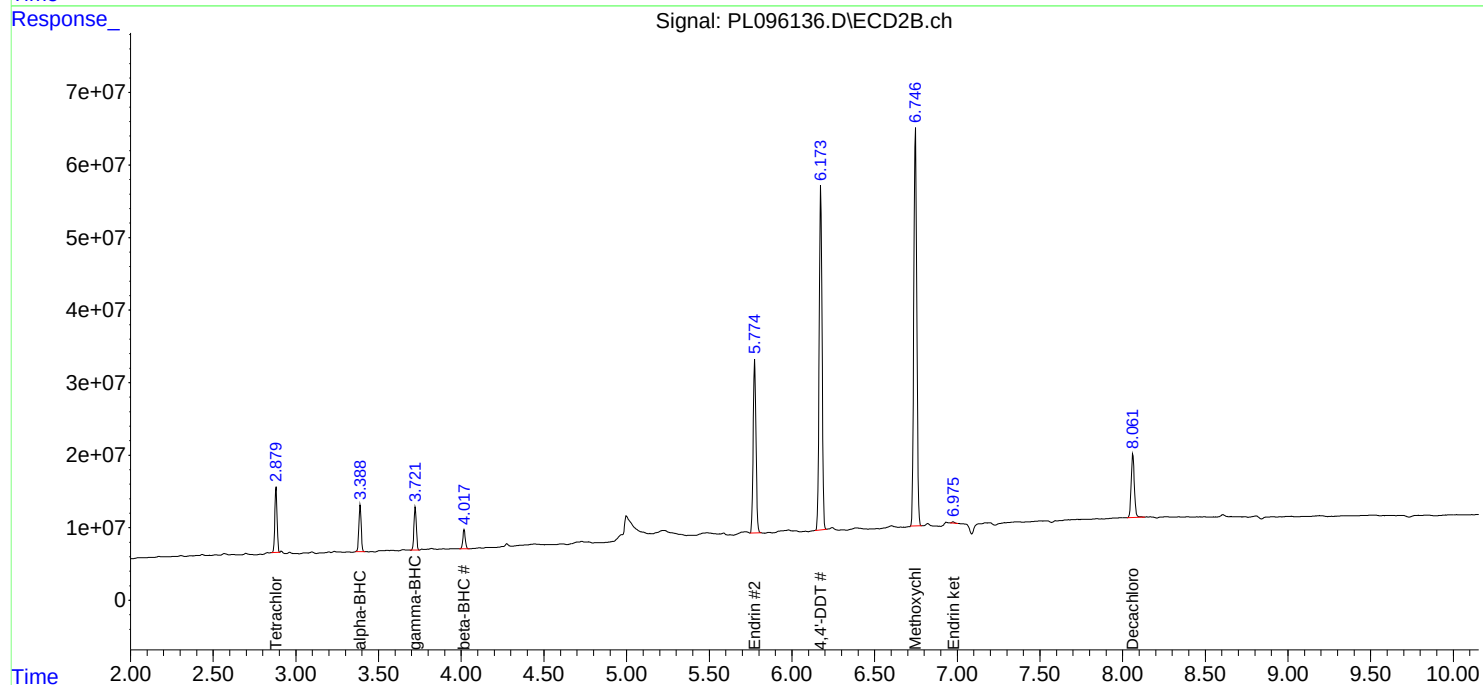
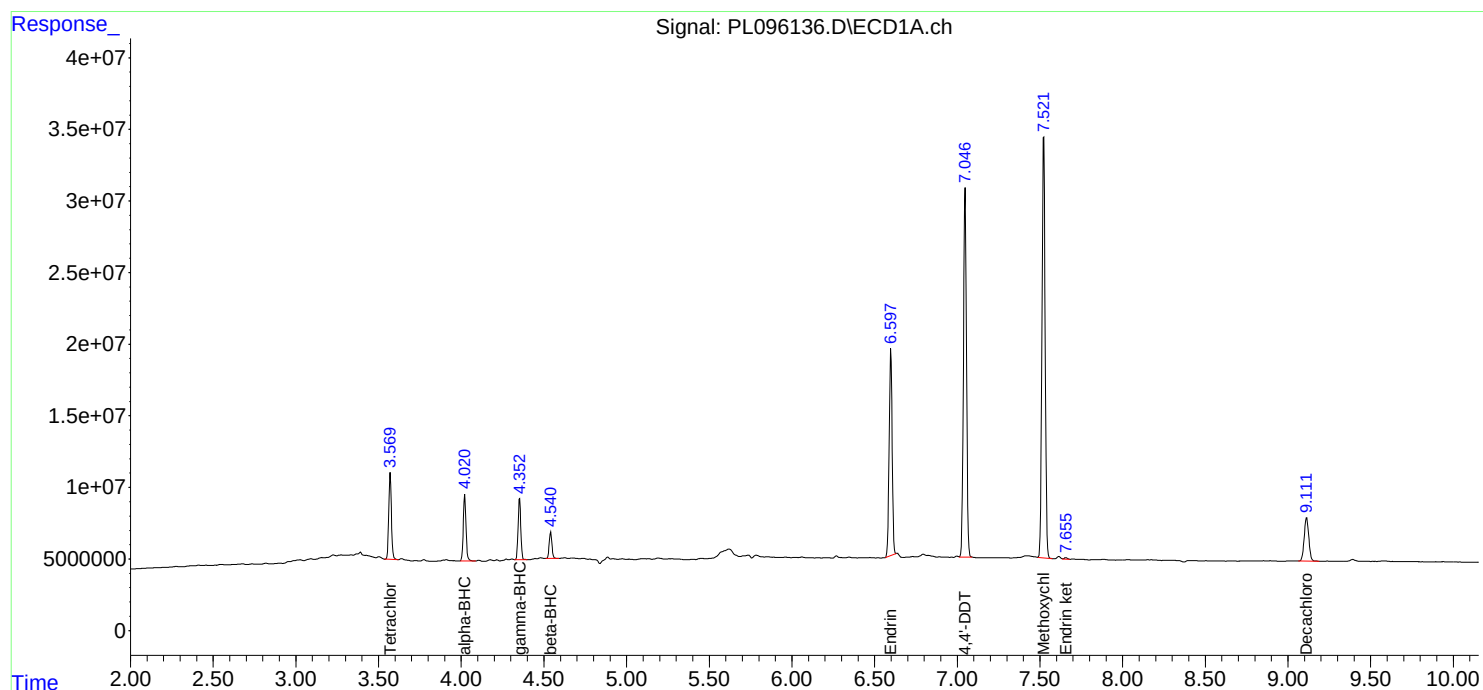
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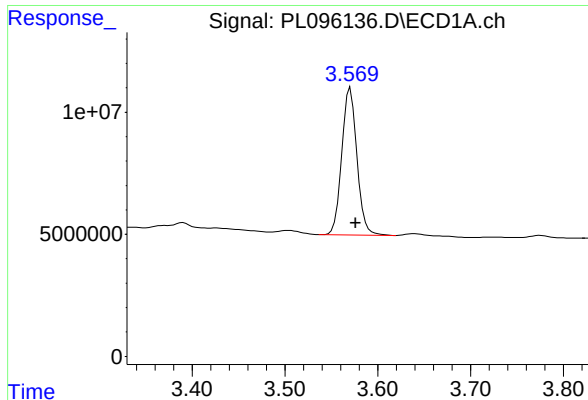
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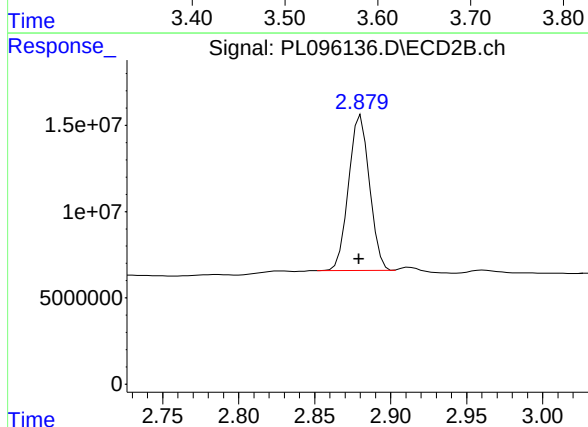
#1 Tetrachloro-m-xylene

R.T.: 3.571 min
Delta R.T.: -0.006 min
Response: 68497688
Conc: 19.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

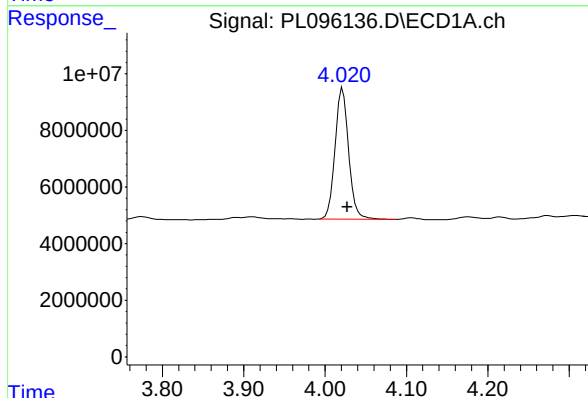
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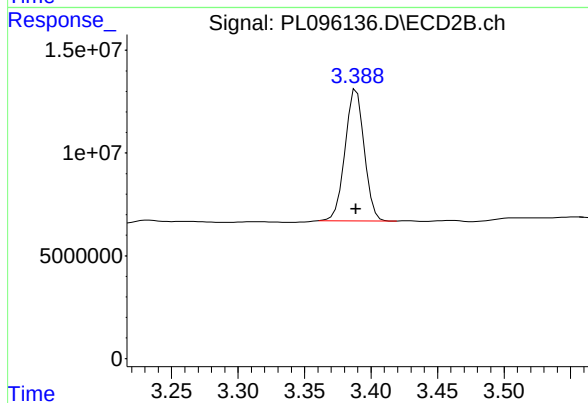
#1 Tetrachloro-m-xylene

R.T.: 2.881 min
Delta R.T.: 0.001 min
Response: 86280373
Conc: 19.66 ng/ml



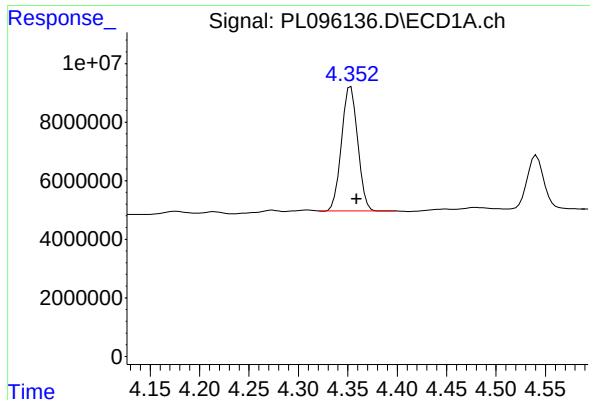
#2 alpha-BHC

R.T.: 4.022 min
Delta R.T.: -0.006 min
Response: 53554228
Conc: 9.99 ng/ml



#2 alpha-BHC

R.T.: 3.389 min
Delta R.T.: 0.000 min
Response: 64174674
Conc: 9.70 ng/ml



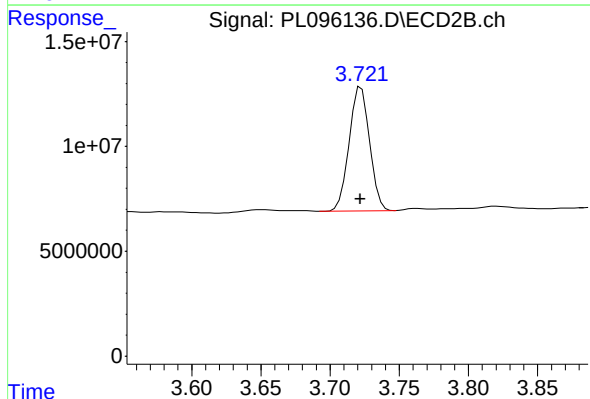
#3 gamma-BHC (Lindane)

R.T.: 4.353 min
Delta R.T.: -0.006 min
Response: 48374719
Conc: 9.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

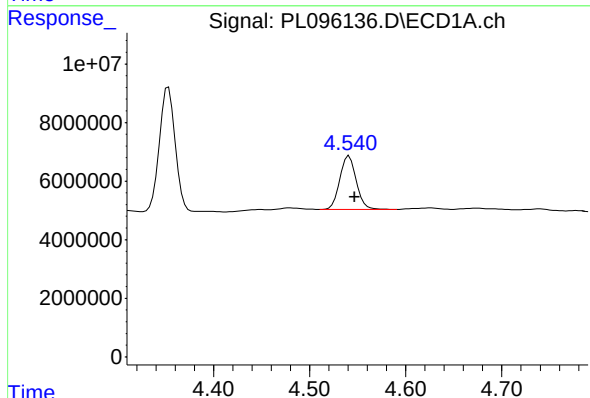
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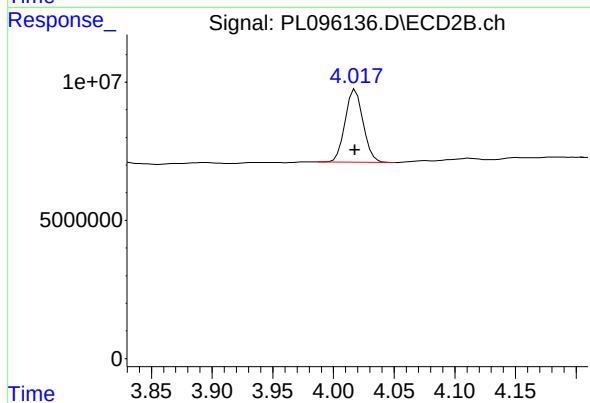
#3 gamma-BHC (Lindane)

R.T.: 3.723 min
Delta R.T.: 0.000 min
Response: 60734897
Conc: 9.65 ng/ml



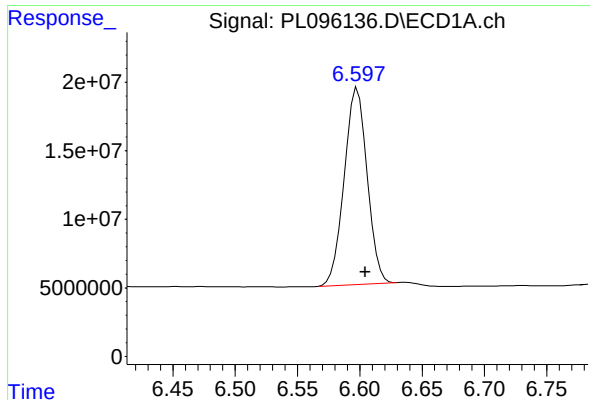
#6 beta-BHC

R.T.: 4.541 min
Delta R.T.: -0.006 min
Response: 21441999
Conc: 10.02 ng/ml



#6 beta-BHC

R.T.: 4.018 min
Delta R.T.: 0.000 min
Response: 27286525
Conc: 9.90 ng/ml



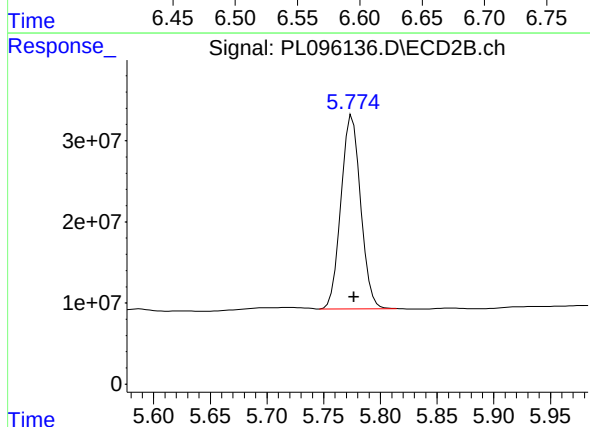
#14 Endrin

R.T.: 6.598 min
Delta R.T.: -0.006 min
Response: 183370286
Conc: 51.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

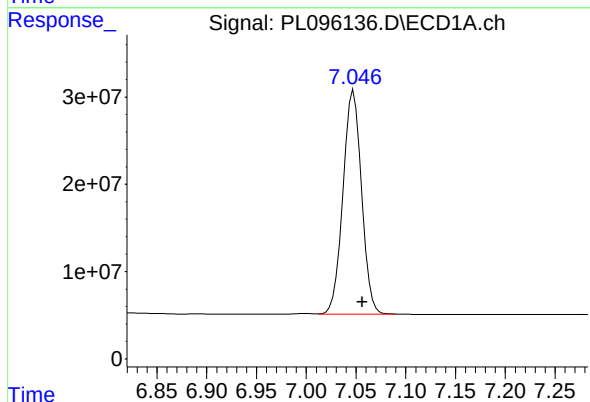
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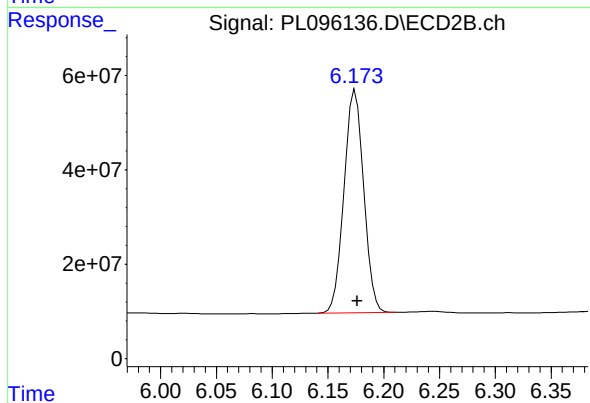
#14 Endrin

R.T.: 5.775 min
Delta R.T.: -0.002 min
Response: 287192125
Conc: 52.55 ng/ml



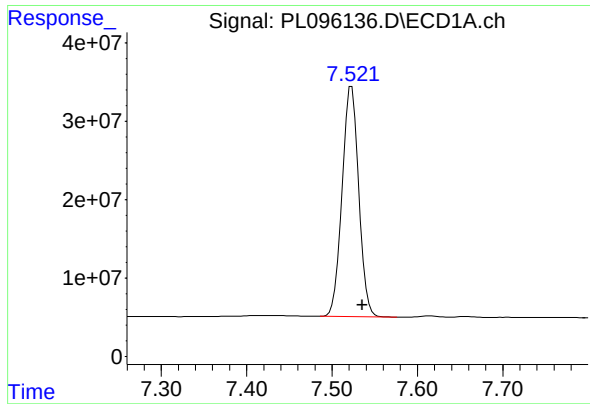
#17 4,4'-DDT

R.T.: 7.048 min
Delta R.T.: -0.009 min
Response: 333326415
Conc: 101.96 ng/ml



#17 4,4'-DDT

R.T.: 6.175 min
Delta R.T.: -0.002 min
Response: 579047757
Conc: 105.48 ng/ml



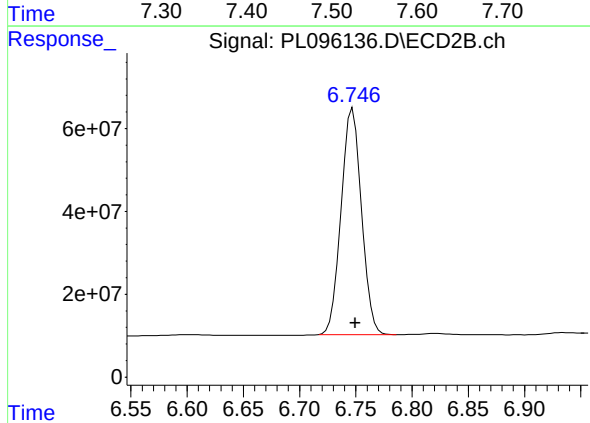
#20 Methoxychlor

R.T.: 7.523 min
Delta R.T.: -0.013 min
Response: 397021055
Conc: 241.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

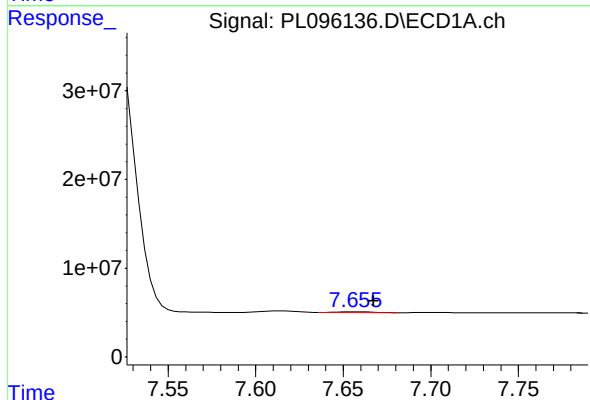
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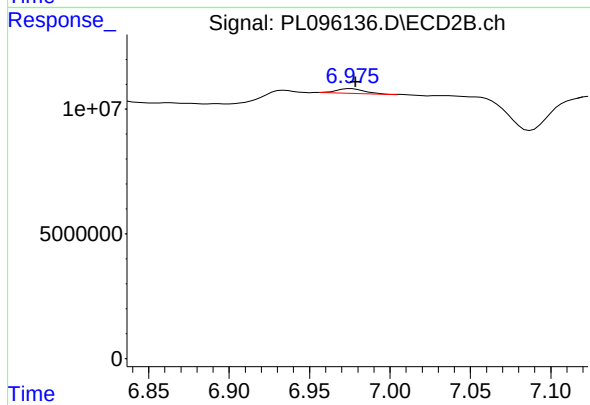
#20 Methoxychlor

R.T.: 6.747 min
Delta R.T.: -0.002 min
Response: 690192591
Conc: 235.13 ng/ml



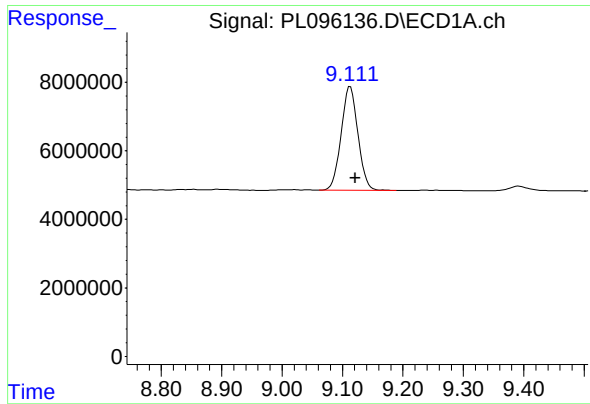
#21 Endrin ketone

R.T.: 7.655 min
Delta R.T.: -0.012 min
Response: 1443081
Conc: 0.40 ng/ml m



#21 Endrin ketone

R.T.: 6.975 min
Delta R.T.: -0.003 min
Response: 2351514
Conc: 0.39 ng/ml m



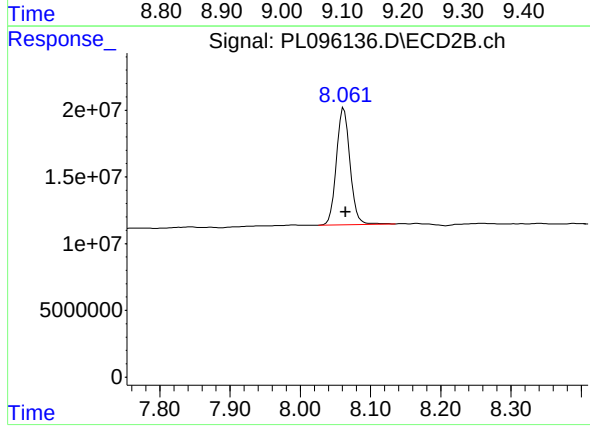
#28 Decachlorobiphenyl

R.T.: 9.113 min
Delta R.T.: -0.008 min
Response: 58148929
Conc: 21.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
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#28 Decachlorobiphenyl

R.T.: 8.062 min
Delta R.T.: -0.002 min
Response: 117849481
Conc: 21.90 ng/ml