

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020224\
 Data File : PD081023.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Feb 2024 10:01
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/05/2024
 Supervised By : Ankita Jodhani 02/05/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 03 01:26:28 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012424.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 25 11:14:56 2024
 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...	3.567	2.796	33013322	55038254	23.256	23.008
28)	SA Decachlor...	9.115	7.935	42127092	57516250	20.933	21.593
Target Compounds							
2)	A alpha-BHC	4.024	3.298	26536290	42279212	10.684	11.019
3)	MA gamma-BHC...	4.358	3.627	26179943	39306742	10.696	10.513
6)	B beta-BHC	4.552	3.923	12312714	18886479	12.169	12.087
12)	B 4,4'-DDE	6.228	5.253	378680	860762	0.186	0.281m#
14)	MA Endrin	6.614	5.660	86819231	145.7E6	46.483	49.162
16)	A 4,4'-DDD	6.745	5.806	4606750	7749526	2.804	2.952
17)	MA 4,4'-DDT	7.060	6.058	175.1E6	280.8E6	98.329	105.826
18)	B Endrin al...	6.962	6.133	3661577	6872205	2.407	3.048 #
20)	A Methoxychlor	7.534	6.632	222.3E6	343.8E6	215.949	219.643
21)	B Endrin ke...	7.682	6.860	7799287	14279012	3.730	4.425

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

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Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

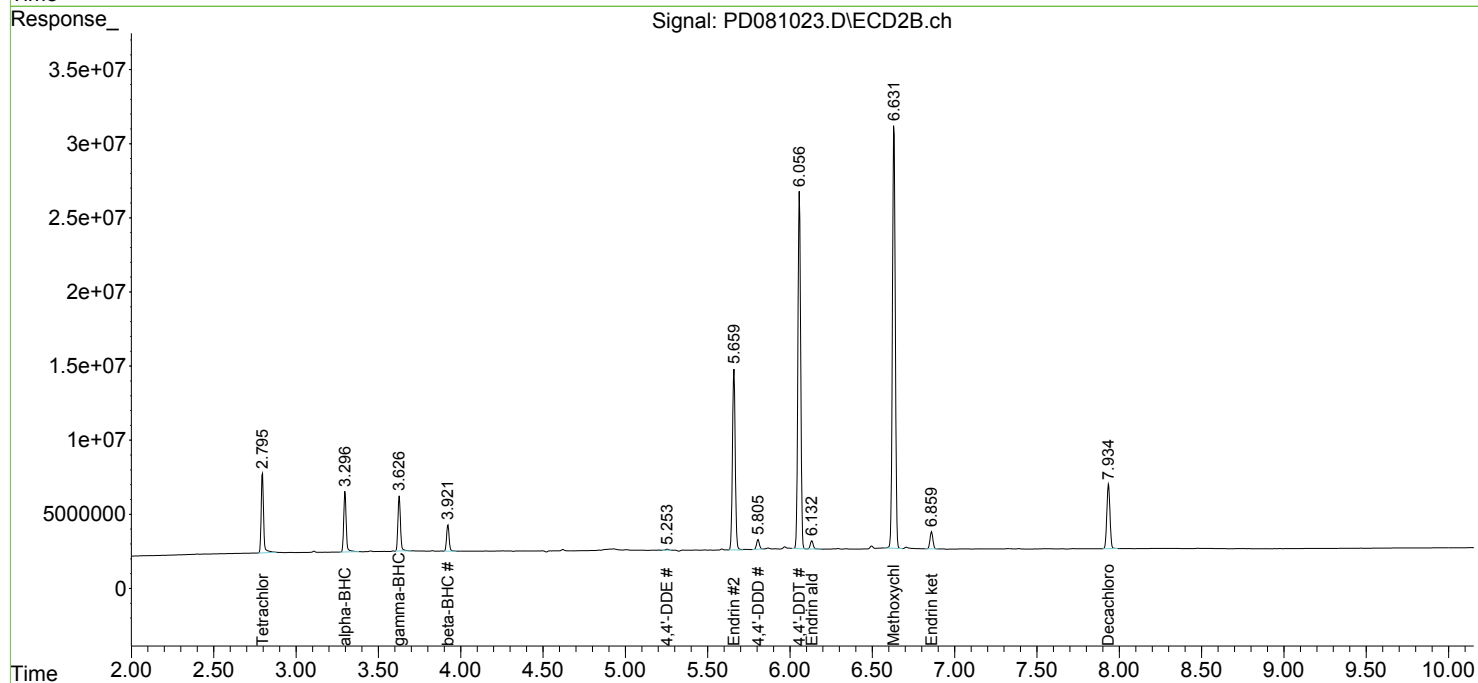
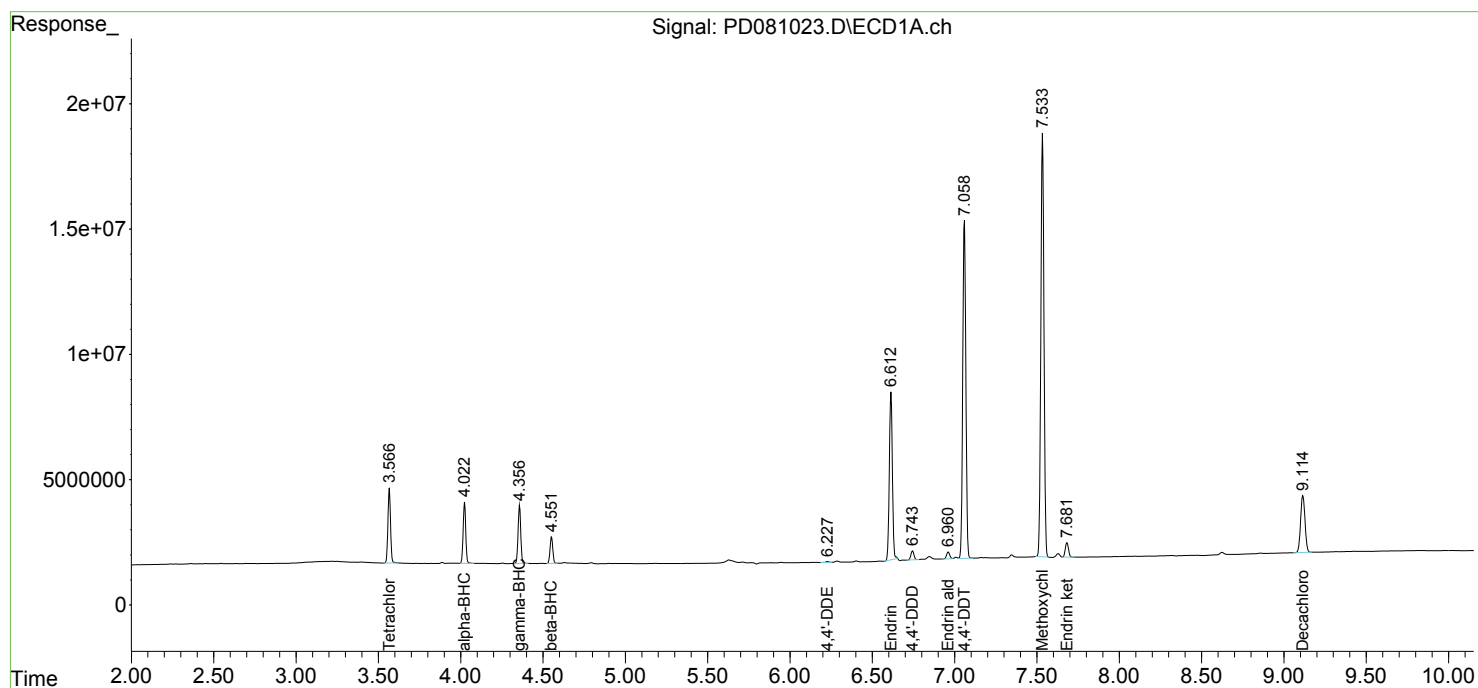
Instrument :
ECD_D
ClientSampleId :
PEM

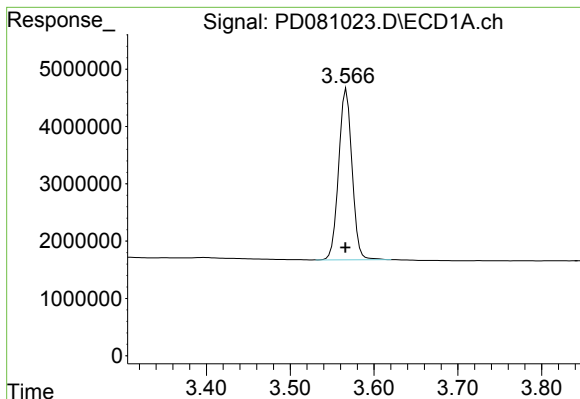
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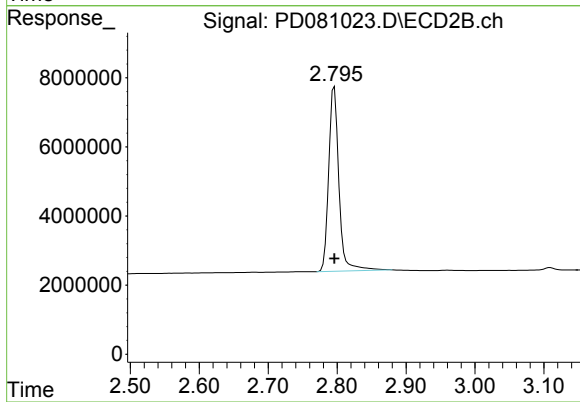
#1 Tetrachloro-m-xylene

R.T.: 3.567 min
Delta R.T.: 0.000 min
Response: 33013322
Conc: 23.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

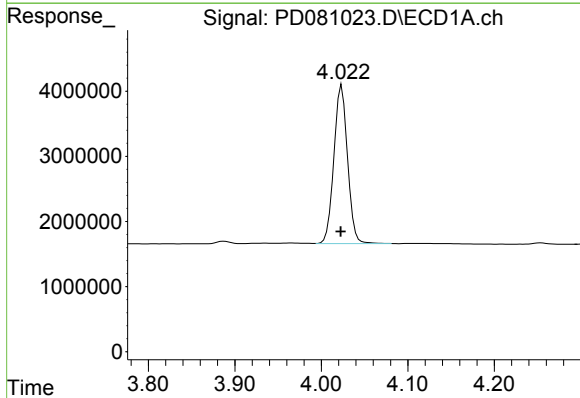
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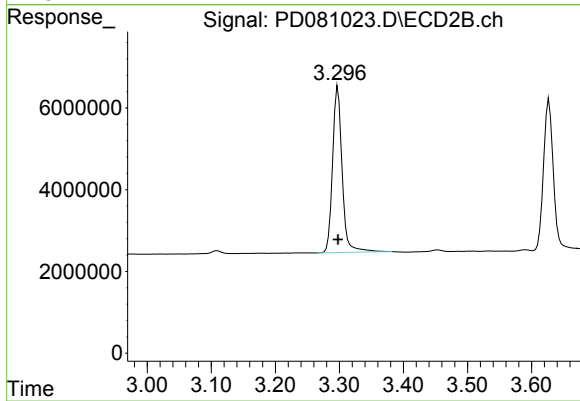
#1 Tetrachloro-m-xylene

R.T.: 2.796 min
Delta R.T.: 0.000 min
Response: 55038254
Conc: 23.01 ng/ml



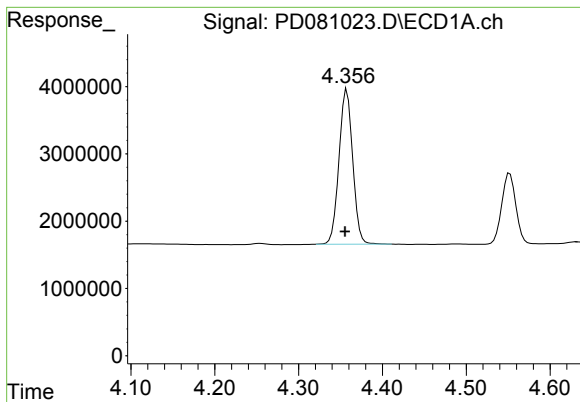
#2 alpha-BHC

R.T.: 4.024 min
Delta R.T.: 0.001 min
Response: 26536290
Conc: 10.68 ng/ml



#2 alpha-BHC

R.T.: 3.298 min
Delta R.T.: 0.000 min
Response: 42279212
Conc: 11.02 ng/ml



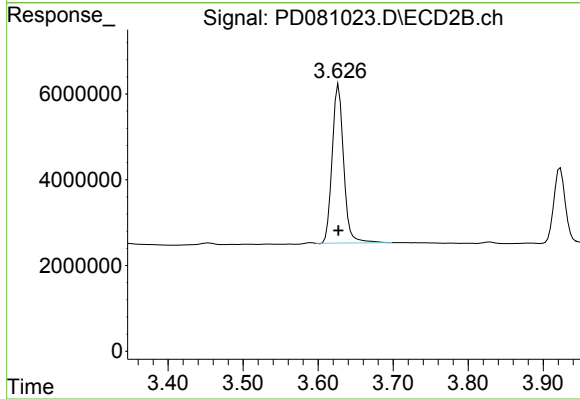
#3 gamma-BHC (Lindane)

R.T.: 4.358 min
Delta R.T.: 0.002 min
Response: 26179943
Conc: 10.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

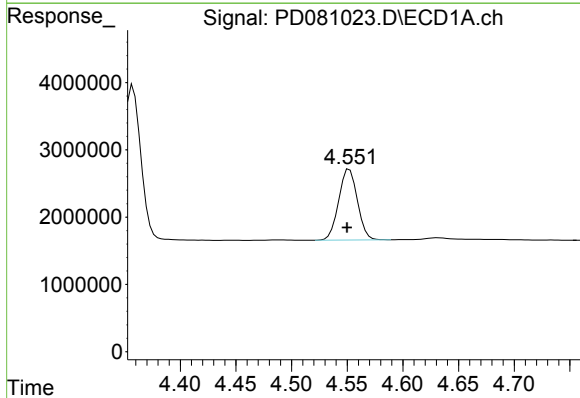
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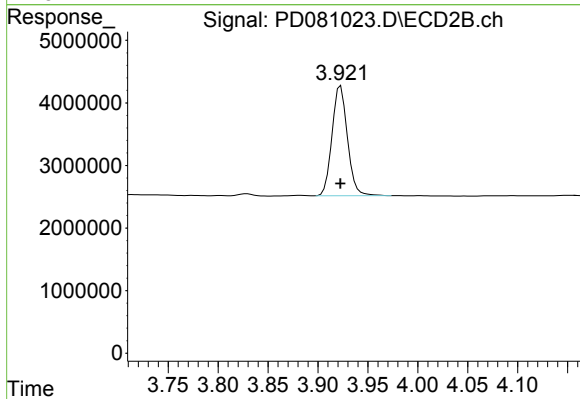
#3 gamma-BHC (Lindane)

R.T.: 3.627 min
Delta R.T.: 0.000 min
Response: 39306742
Conc: 10.51 ng/ml



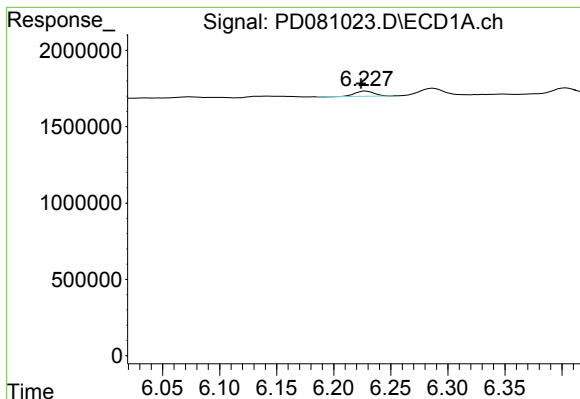
#6 beta-BHC

R.T.: 4.552 min
Delta R.T.: 0.002 min
Response: 12312714
Conc: 12.17 ng/ml



#6 beta-BHC

R.T.: 3.923 min
Delta R.T.: 0.000 min
Response: 18886479
Conc: 12.09 ng/ml



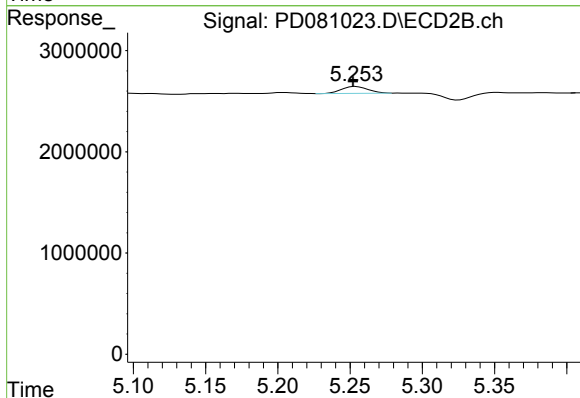
#12 4,4'-DDE

R.T.: 6.228 min
Delta R.T.: 0.004 min
Response: 378680
Conc: 0.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

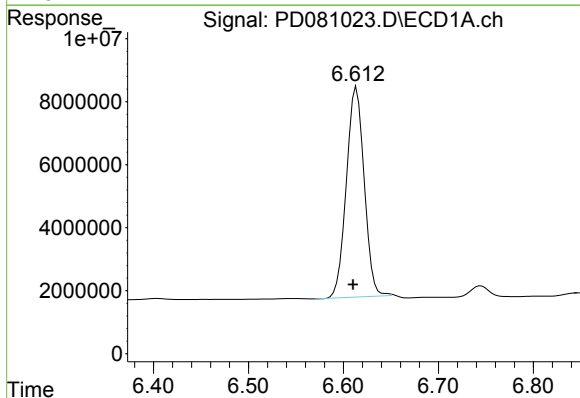
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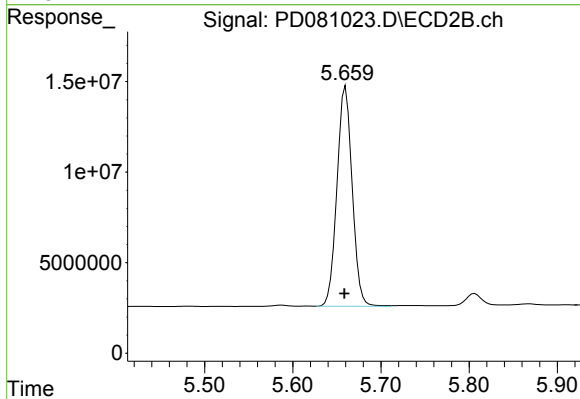
#12 4,4'-DDE

R.T.: 5.253 min
Delta R.T.: 0.000 min
Response: 860762
Conc: 0.28 ng/ml m



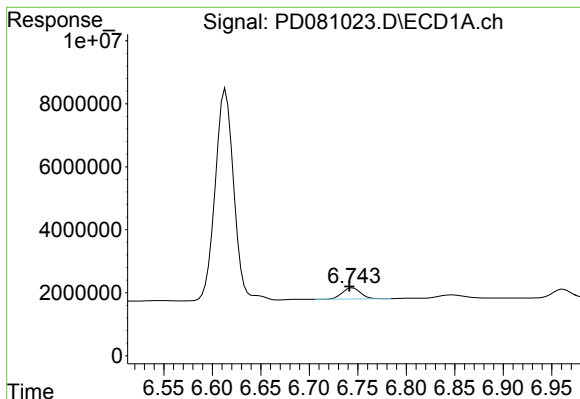
#14 Endrin

R.T.: 6.614 min
Delta R.T.: 0.004 min
Response: 86819231
Conc: 46.48 ng/ml



#14 Endrin

R.T.: 5.660 min
Delta R.T.: 0.001 min
Response: 145684726
Conc: 49.16 ng/ml



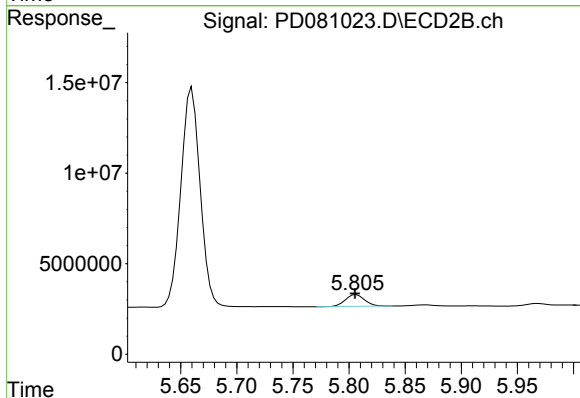
#16 4,4'-DDD

R.T.: 6.745 min
Delta R.T.: 0.004 min
Response: 4606750
Conc: 2.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

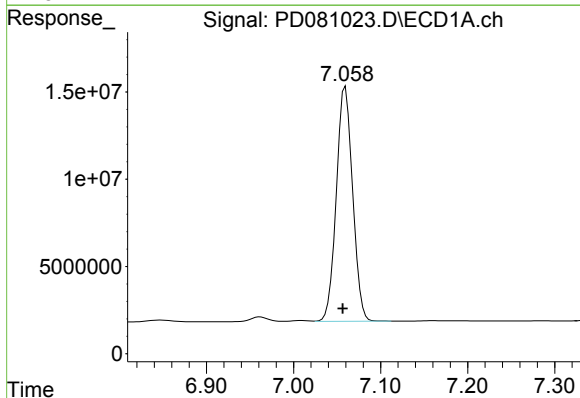
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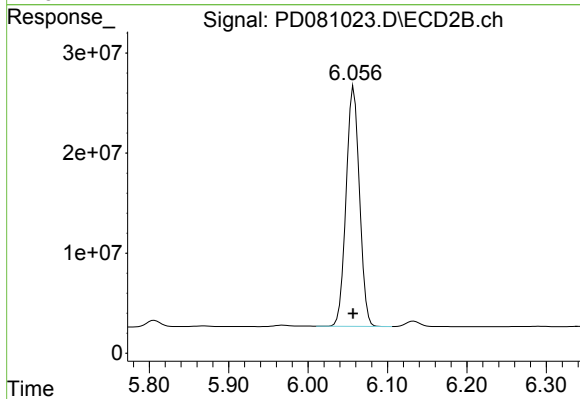
#16 4,4'-DDD

R.T.: 5.806 min
Delta R.T.: 0.001 min
Response: 7749526
Conc: 2.95 ng/ml



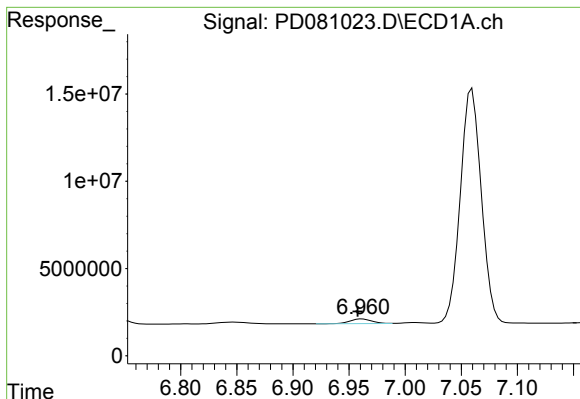
#17 4,4'-DDT

R.T.: 7.060 min
Delta R.T.: 0.003 min
Response: 175112594
Conc: 98.33 ng/ml



#17 4,4'-DDT

R.T.: 6.058 min
Delta R.T.: 0.000 min
Response: 280763457
Conc: 105.83 ng/ml



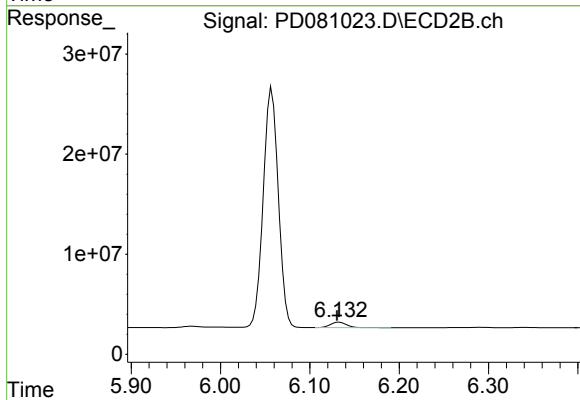
#18 Endrin aldehyde

R.T.: 6.962 min
Delta R.T.: 0.004 min
Response: 3661577
Conc: 2.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

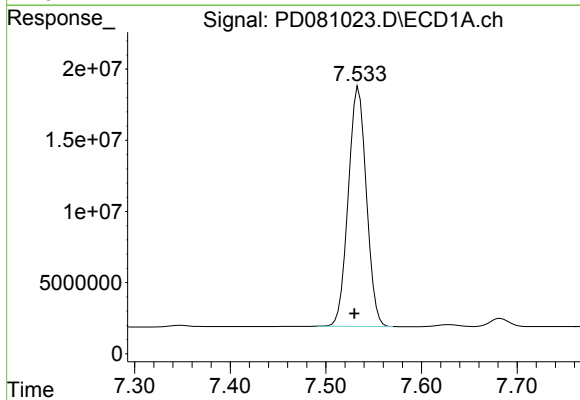
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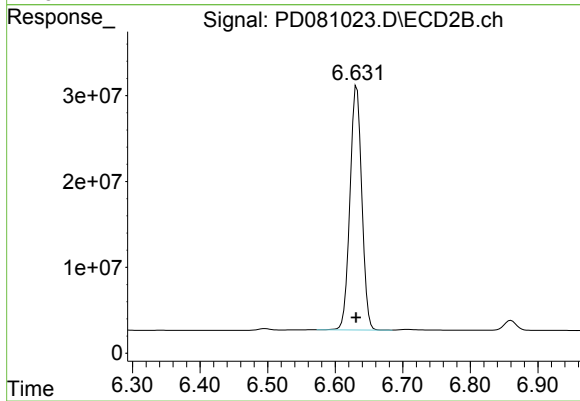
#18 Endrin aldehyde

R.T.: 6.133 min
Delta R.T.: 0.003 min
Response: 6872205
Conc: 3.05 ng/ml



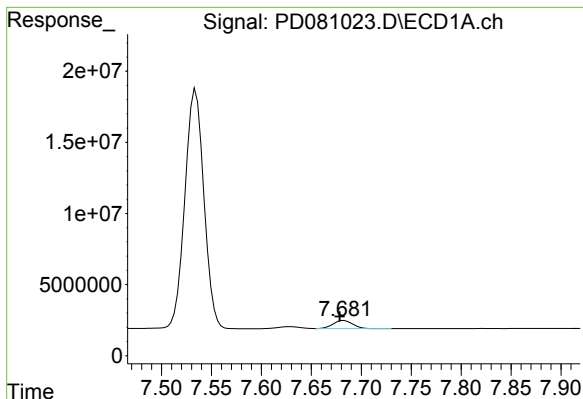
#20 Methoxychlor

R.T.: 7.534 min
Delta R.T.: 0.004 min
Response: 222271500
Conc: 215.95 ng/ml



#20 Methoxychlor

R.T.: 6.632 min
Delta R.T.: 0.001 min
Response: 343798305
Conc: 219.64 ng/ml



#21 Endrin ketone

R.T.: 7.682 min
Delta R.T.: 0.004 min
Response: 7799287
Conc: 3.73 ng/ml

Instrument :

ECD_D

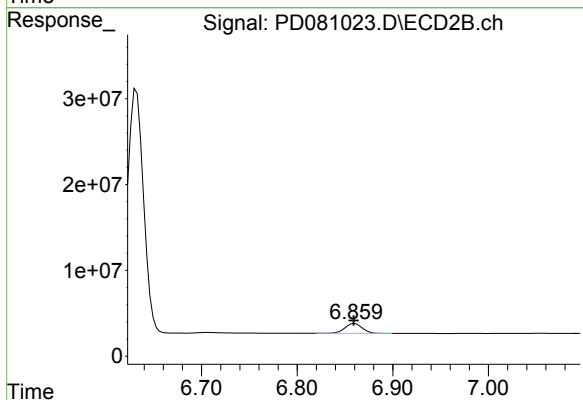
ClientSampleId :

PEM

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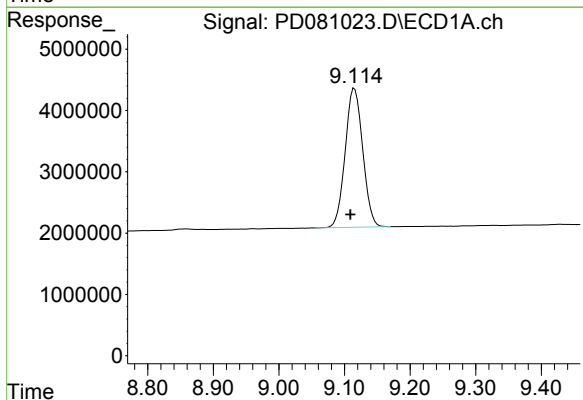
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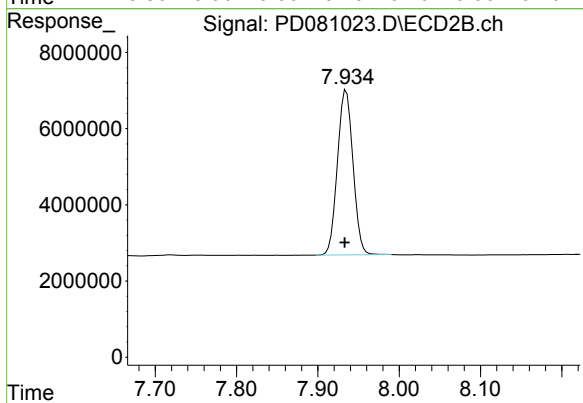
#21 Endrin ketone

R.T.: 6.860 min
Delta R.T.: 0.001 min
Response: 14279012
Conc: 4.42 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.115 min
Delta R.T.: 0.006 min
Response: 42127092
Conc: 20.93 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.935 min
Delta R.T.: 0.002 min
Response: 57516250
Conc: 21.59 ng/ml