

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020524\
 Data File : PD081055.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Feb 2024 10:31
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/06/2024
 Supervised By :Ankita Jodhani 02/06/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 05 10:59:10 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...	3.566	2.796	27142584	44778337	19.120	18.719
28)	SA Decachlor...	9.113	7.934	39892966	48466491	19.823	18.196
Target Compounds							
2)	A alpha-BHC	4.022	3.297	21527851	35083673	8.667	9.143
3)	MA gamma-BHC...	4.356	3.627	21660716	32217013	8.850	8.617
6)	B beta-BHC	4.550	3.922	10129954	16008919	10.011	10.245
12)	B 4,4'-DDE	6.229	5.256	191528	707131	0.094	0.231 #
14)	MA Endrin	6.611	5.659	81870405	124.8E6	43.834	42.105
16)	A 4,4'-DDD	6.742	5.807	421335	1048361	0.256m	0.399m#
17)	MA 4,4'-DDT	7.058	6.057	168.8E6	246.3E6	94.797	92.843
18)	B Endrin al...	6.960	6.133	1641111	4273882	1.079	1.896 #
20)	A Methoxychlor	7.533	6.632	225.7E6	318.9E6	219.257	203.747
21)	B Endrin ke...	7.680	6.860	3660370	6662040	1.750	2.064

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

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

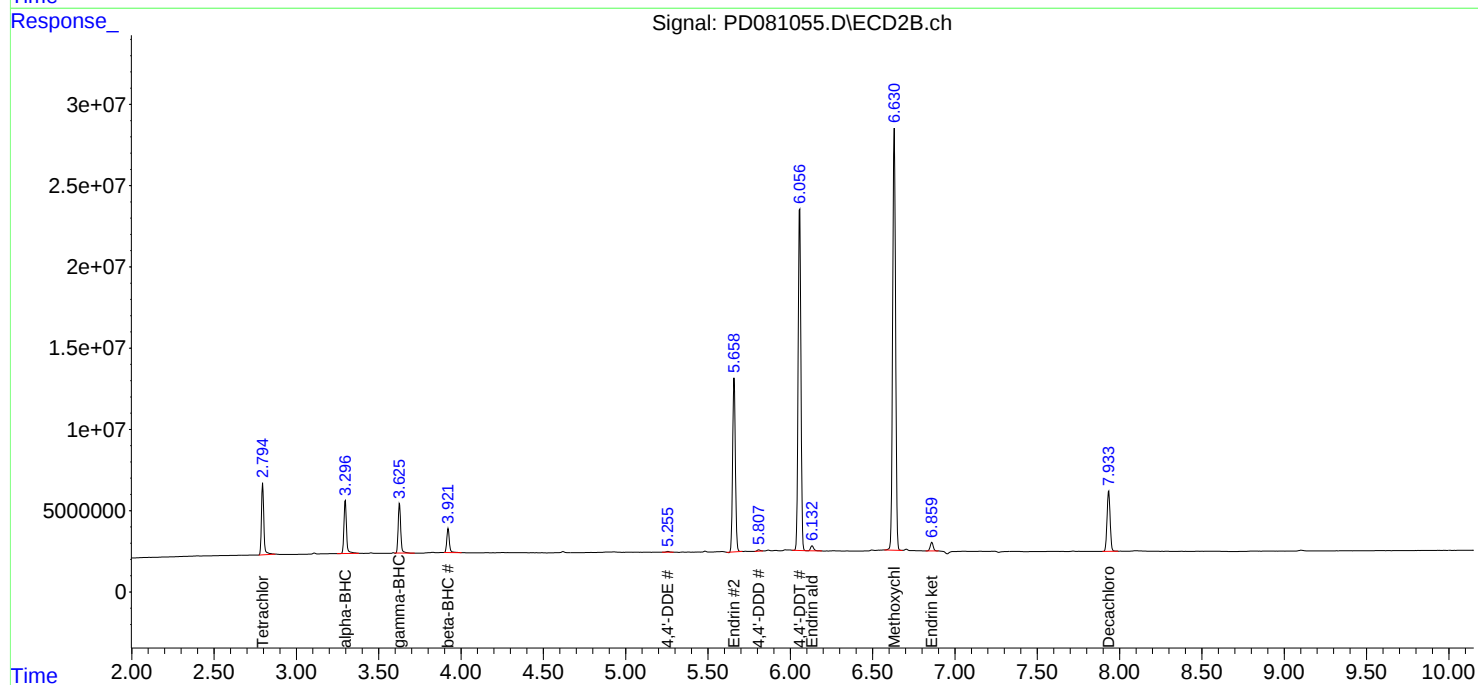
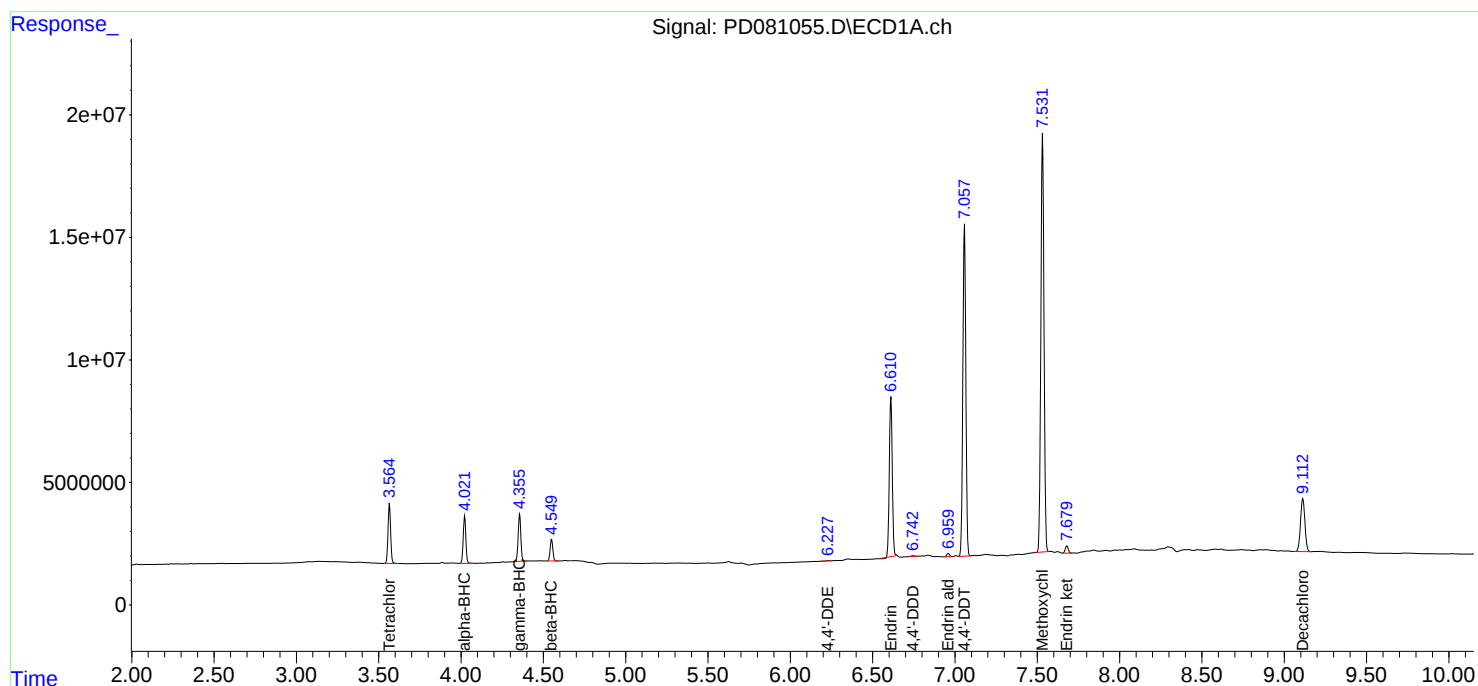
Instrument :
ECD_D
ClientSampleId :
PEM

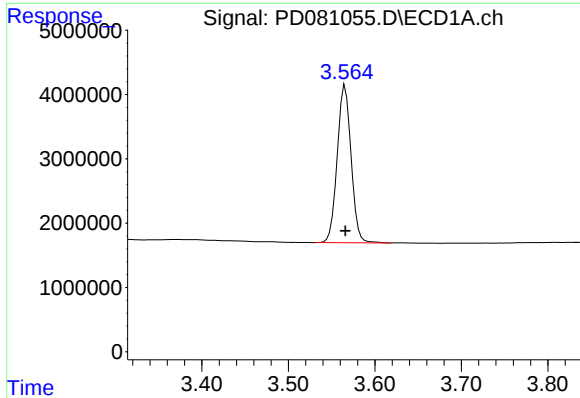
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Integration File signal 1: autoint1.e
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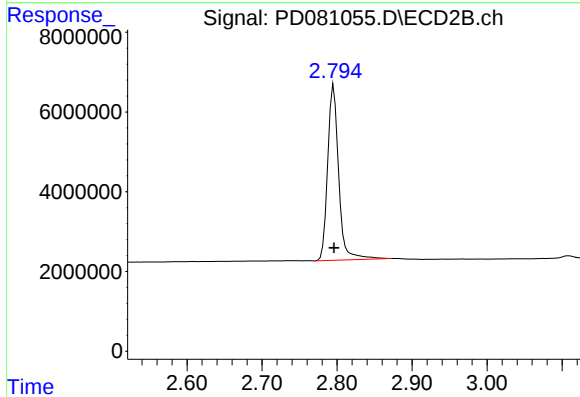
#1 Tetrachloro-m-xylene

R.T.: 3.566 min
Delta R.T.: 0.000 min
Response: 27142584
Conc: 19.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

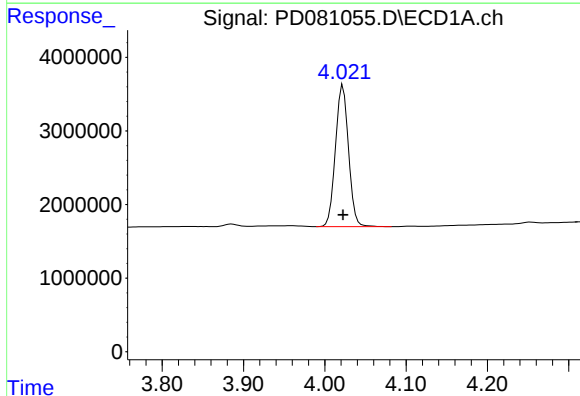
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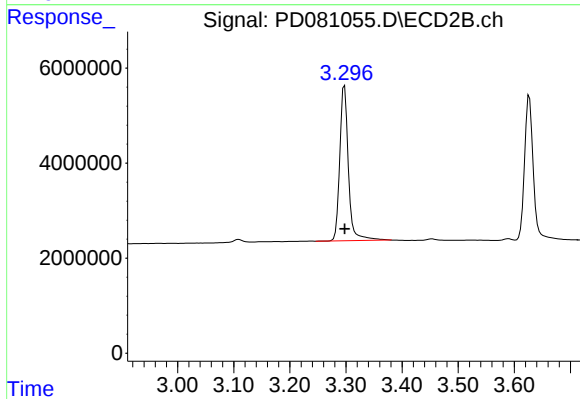
#1 Tetrachloro-m-xylene

R.T.: 2.796 min
Delta R.T.: 0.000 min
Response: 44778337
Conc: 18.72 ng/ml



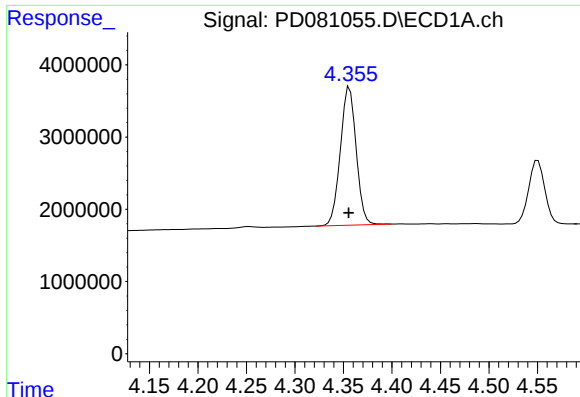
#2 alpha-BHC

R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 21527851
Conc: 8.67 ng/ml



#2 alpha-BHC

R.T.: 3.297 min
Delta R.T.: 0.000 min
Response: 35083673
Conc: 9.14 ng/ml



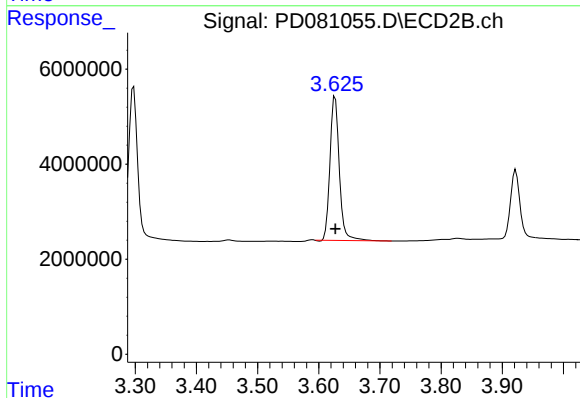
#3 gamma-BHC (Lindane)

R.T.: 4.356 min
Delta R.T.: 0.000 min
Response: 21660716
Conc: 8.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

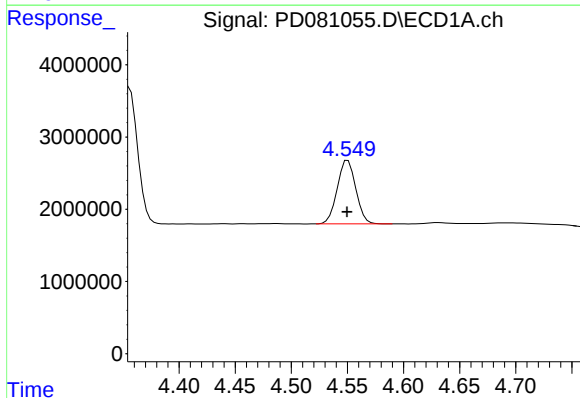
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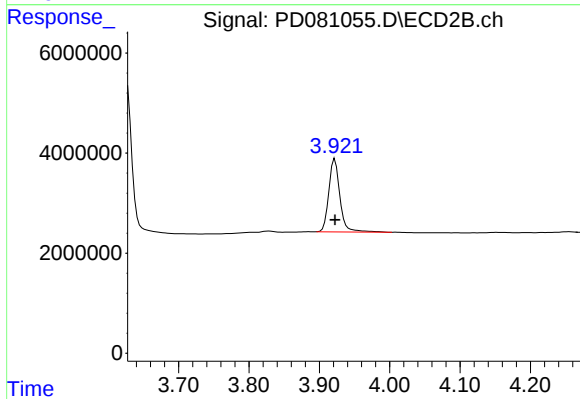
#3 gamma-BHC (Lindane)

R.T.: 3.627 min
Delta R.T.: 0.000 min
Response: 32217013
Conc: 8.62 ng/ml



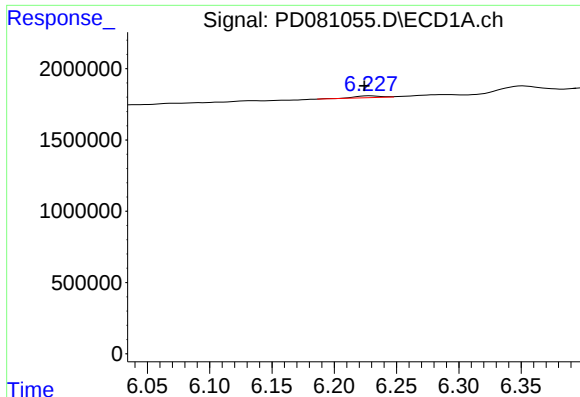
#6 beta-BHC

R.T.: 4.550 min
Delta R.T.: 0.000 min
Response: 10129954
Conc: 10.01 ng/ml



#6 beta-BHC

R.T.: 3.922 min
Delta R.T.: 0.000 min
Response: 16008919
Conc: 10.25 ng/ml



#12 4,4'-DDE

R.T.: 6.229 min
Delta R.T.: 0.005 min
Response: 191528
Conc: 0.09 ng/ml

Instrument :

ECD_D

ClientSampleId :

PEM

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#12 4,4'-DDE

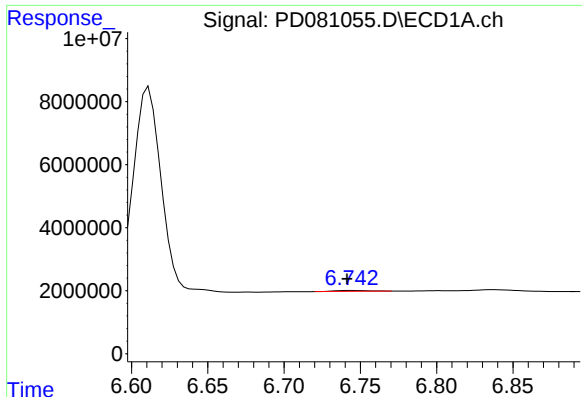
R.T.: 5.256 min
Delta R.T.: 0.004 min
Response: 707131
Conc: 0.23 ng/ml

#14 Endrin

R.T.: 6.611 min
Delta R.T.: 0.001 min
Response: 81870405
Conc: 43.83 ng/ml

#14 Endrin

R.T.: 5.659 min
Delta R.T.: 0.000 min
Response: 124774550
Conc: 42.11 ng/ml



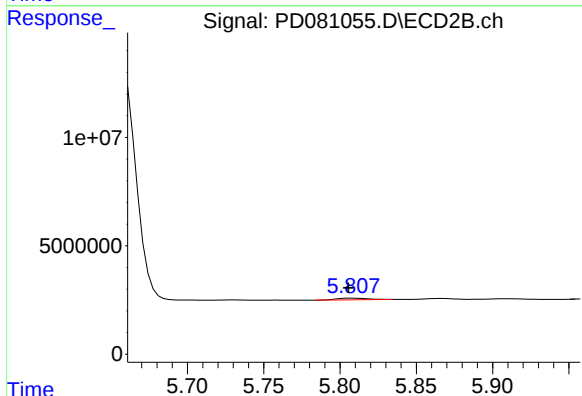
#16 4,4'-DDD

R.T.: 6.742 min
Delta R.T.: 0.001 min
Response: 421335
Conc: 0.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

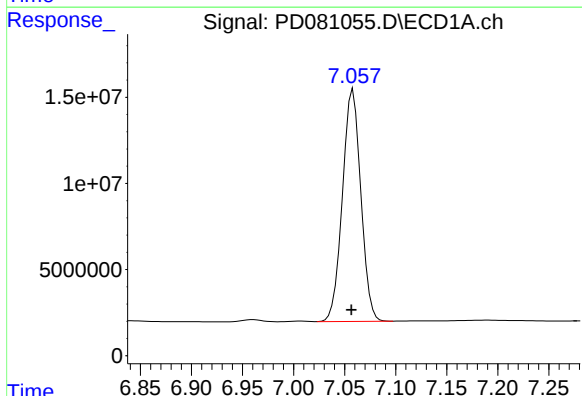
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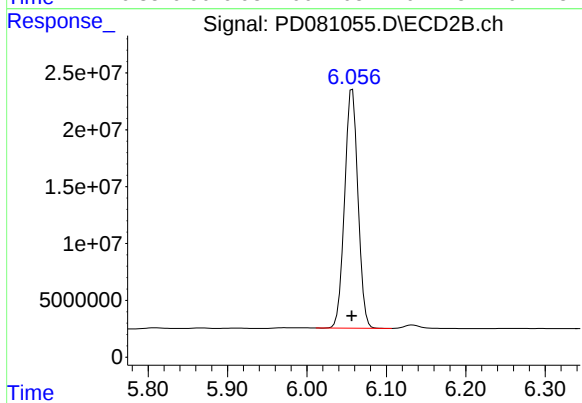
#16 4,4'-DDD

R.T.: 5.807 min
Delta R.T.: 0.002 min
Response: 1048361
Conc: 0.40 ng/ml m



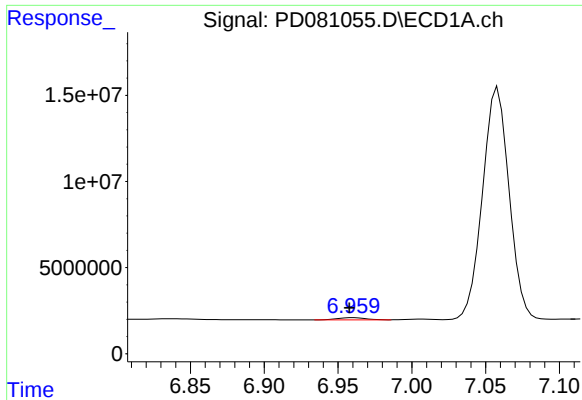
#17 4,4'-DDT

R.T.: 7.058 min
Delta R.T.: 0.002 min
Response: 168822726
Conc: 94.80 ng/ml



#17 4,4'-DDT

R.T.: 6.057 min
Delta R.T.: 0.000 min
Response: 246318026
Conc: 92.84 ng/ml



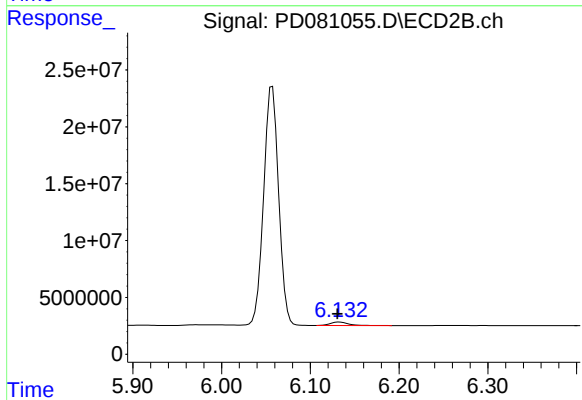
#18 Endrin aldehyde

R.T.: 6.960 min
Delta R.T.: 0.002 min
Response: 1641111
Conc: 1.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

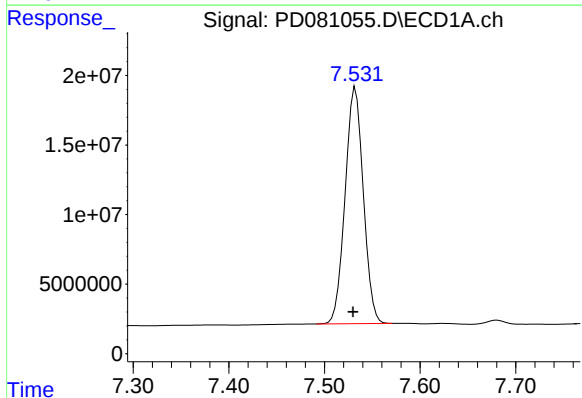
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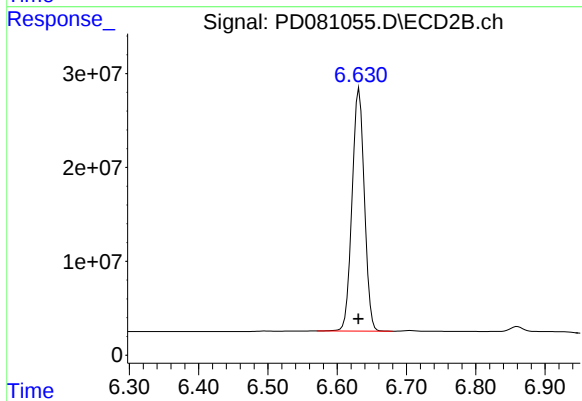
#18 Endrin aldehyde

R.T.: 6.133 min
Delta R.T.: 0.003 min
Response: 4273882
Conc: 1.90 ng/ml



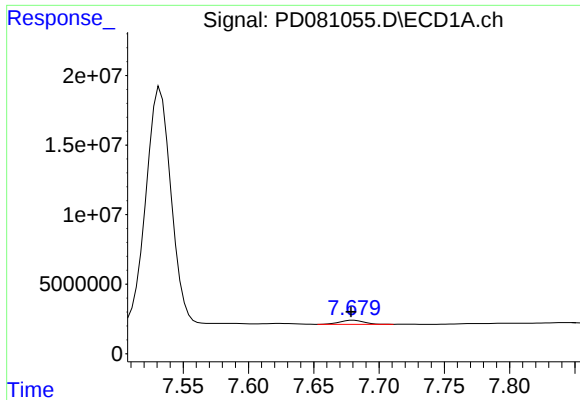
#20 Methoxychlor

R.T.: 7.533 min
Delta R.T.: 0.003 min
Response: 225675985
Conc: 219.26 ng/ml



#20 Methoxychlor

R.T.: 6.632 min
Delta R.T.: 0.000 min
Response: 318915965
Conc: 203.75 ng/ml



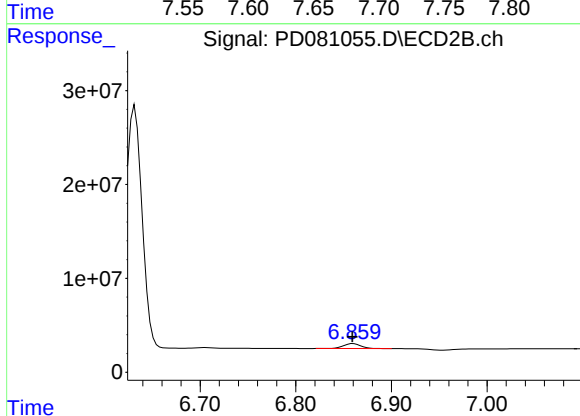
#21 Endrin ketone

R.T.: 7.680 min
Delta R.T.: 0.002 min
Response: 3660370
Conc: 1.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

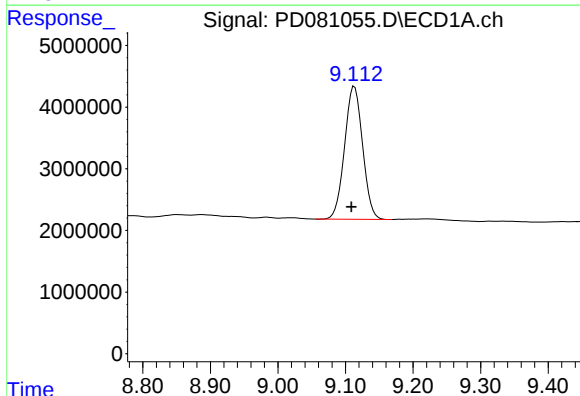
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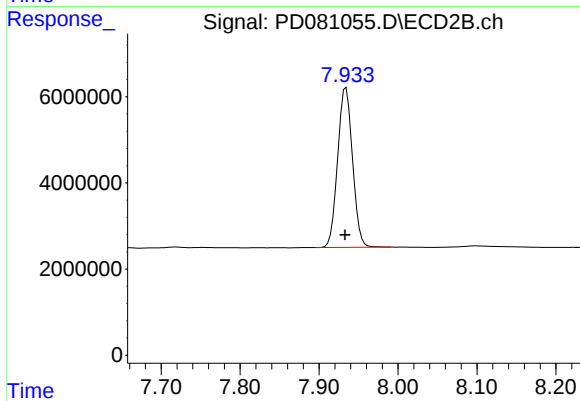
#21 Endrin ketone

R.T.: 6.860 min
Delta R.T.: 0.001 min
Response: 6662040
Conc: 2.06 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.113 min
Delta R.T.: 0.004 min
Response: 39892966
Conc: 19.82 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.934 min
Delta R.T.: 0.001 min
Response: 48466491
Conc: 18.20 ng/ml