

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020124\
 Data File : PD080994.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Feb 2024 09:27
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 01 20:44:27 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	31541164	52630239	22.219	22.001
28)	SA Decachlor...	9.114	7.934	40166985	54976214	19.959	20.640
Target Compounds							
2)	A alpha-BHC	4.024	3.297	25309535	40221723	10.190	10.482
3)	MA gamma-BHC...	4.357	3.627	25047643	37701701	10.233	10.084
6)	B beta-BHC	4.552	3.922	11868485	18211535	11.730	11.655
12)	B 4,4'-DDE	6.226	5.254	351627	848663	0.173m	0.277 #
14)	MA Endrin	6.613	5.659	83516864	135.2E6	44.715	45.640
16)	A 4,4'-DDD	6.744	5.806	3976967	6565931	2.420	2.501
17)	MA 4,4'-DDT	7.059	6.057	174.3E6	269.7E6	97.887	101.645
18)	B Endrin al...	6.961	6.132	3885347	6694214	2.554	2.969
20)	A Methoxychlor	7.534	6.632	219.9E6	330.6E6	213.657	211.234
21)	B Endrin ke...	7.682	6.860	7702457	14150644	3.683	4.385

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

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Sample : PEM
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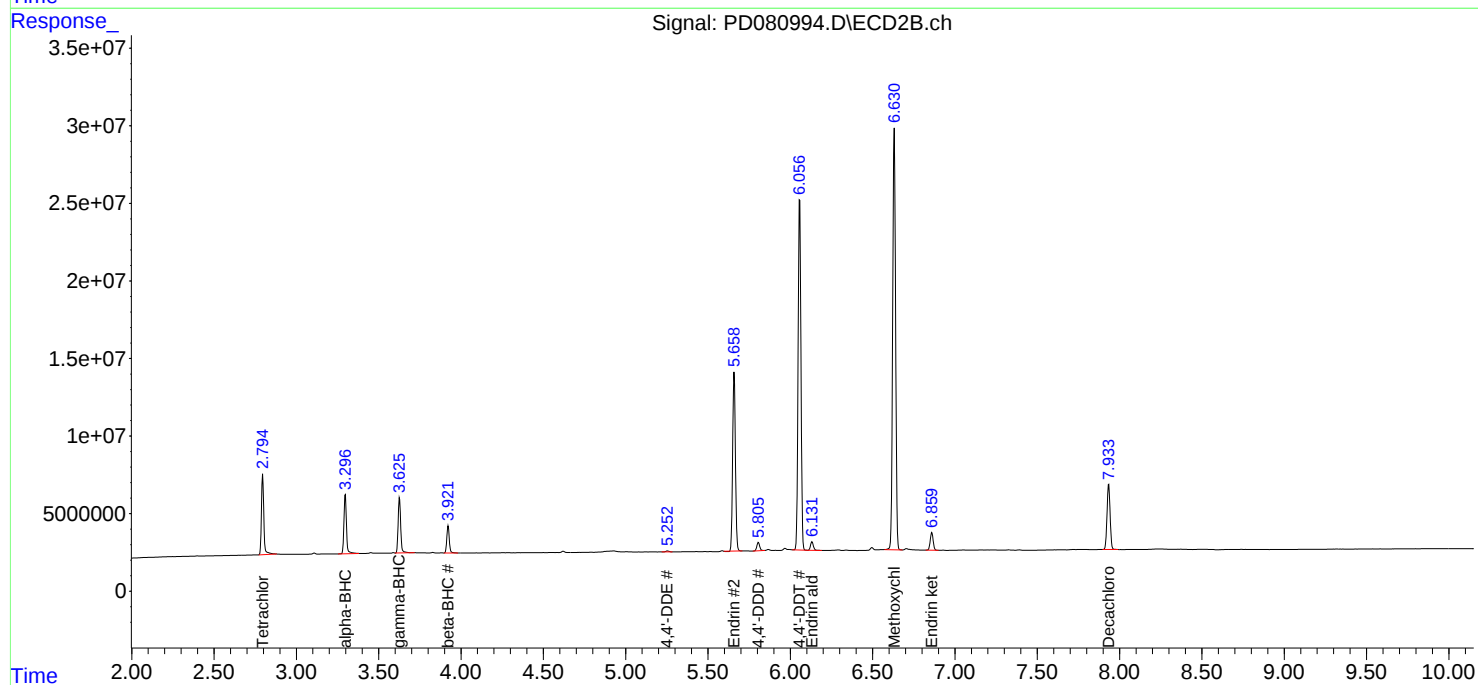
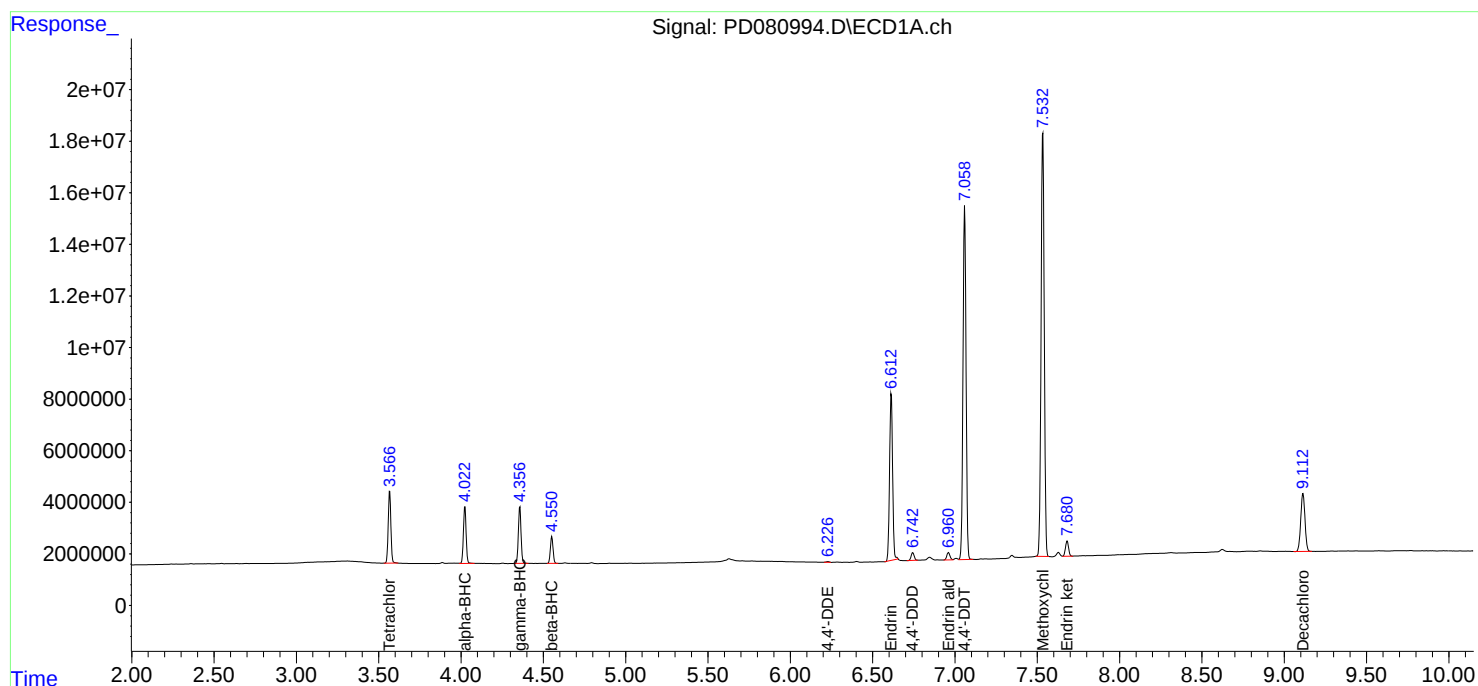
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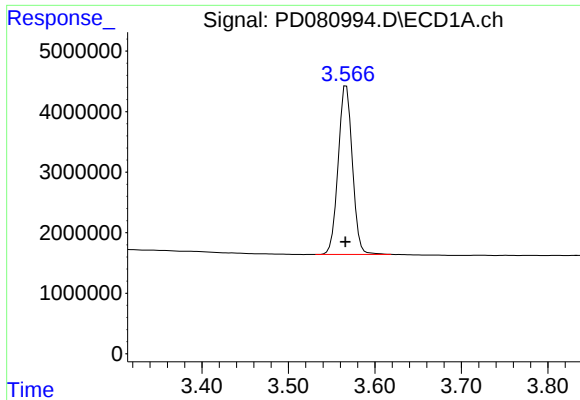
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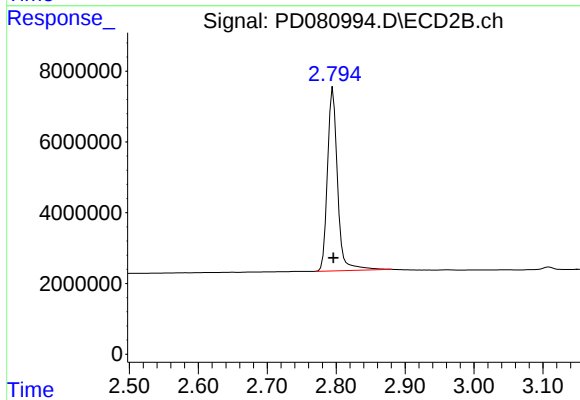
#1 Tetrachloro-m-xylene

R.T.: 3.567 min
Delta R.T.: 0.001 min
Response: 31541164
Conc: 22.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

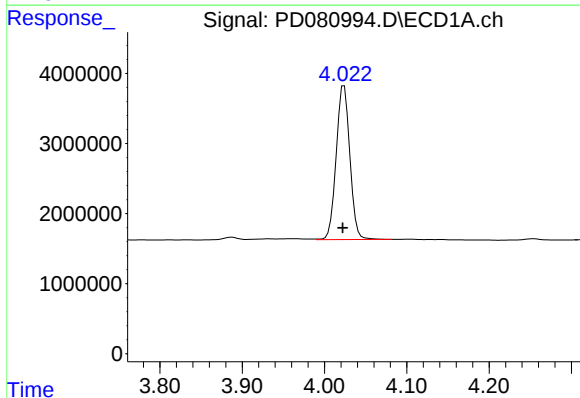
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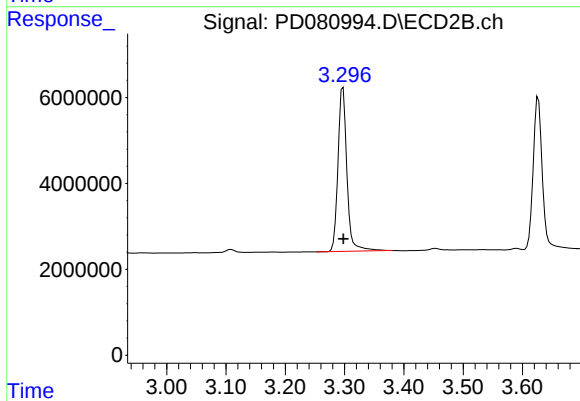
#1 Tetrachloro-m-xylene

R.T.: 2.796 min
Delta R.T.: 0.000 min
Response: 52630239
Conc: 22.00 ng/ml



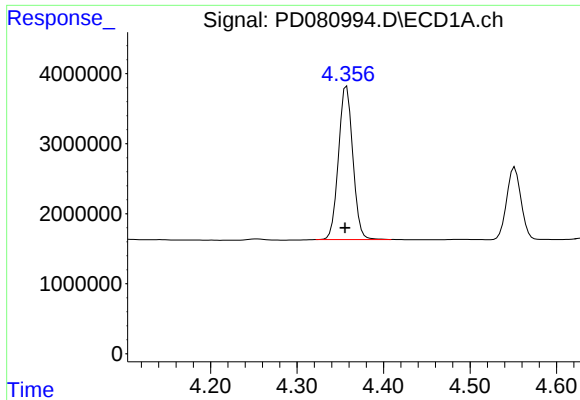
#2 alpha-BHC

R.T.: 4.024 min
Delta R.T.: 0.001 min
Response: 25309535
Conc: 10.19 ng/ml



#2 alpha-BHC

R.T.: 3.297 min
Delta R.T.: 0.000 min
Response: 40221723
Conc: 10.48 ng/ml



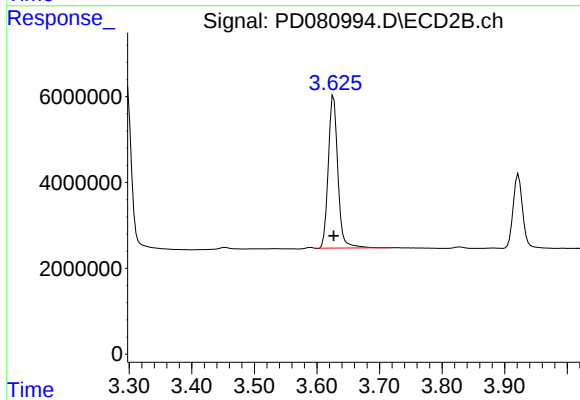
#3 gamma-BHC (Lindane)

R.T.: 4.357 min
Delta R.T.: 0.002 min
Response: 25047643
Conc: 10.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

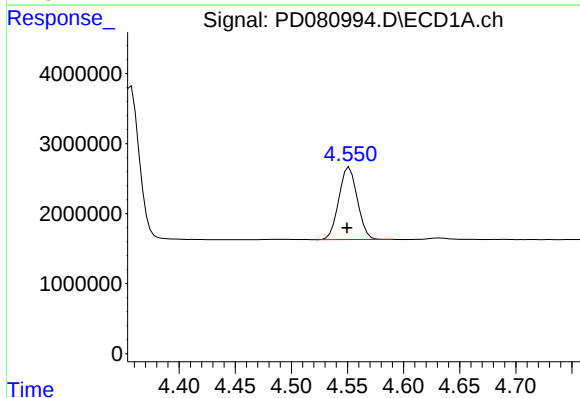
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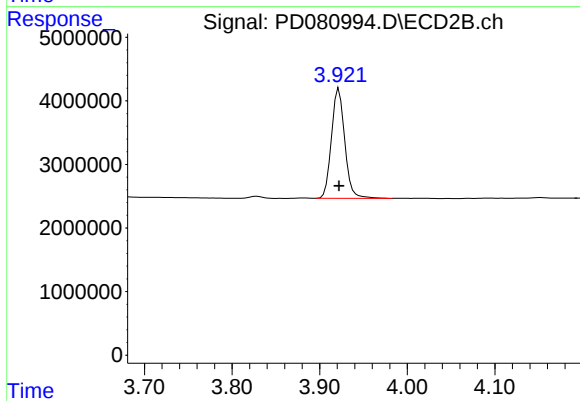
#3 gamma-BHC (Lindane)

R.T.: 3.627 min
Delta R.T.: 0.000 min
Response: 37701701
Conc: 10.08 ng/ml



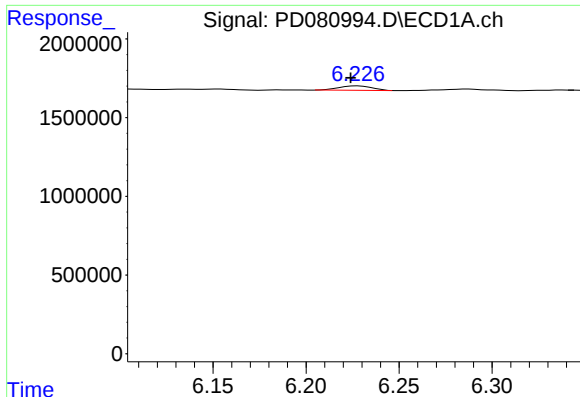
#6 beta-BHC

R.T.: 4.552 min
Delta R.T.: 0.002 min
Response: 11868485
Conc: 11.73 ng/ml



#6 beta-BHC

R.T.: 3.922 min
Delta R.T.: 0.000 min
Response: 18211535
Conc: 11.65 ng/ml



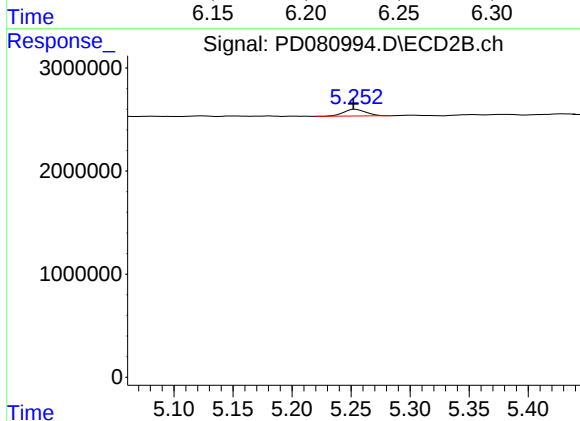
#12 4,4'-DDE

R.T.: 6.226 min
Delta R.T.: 0.002 min
Response: 351627
Conc: 0.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
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#12 4,4'-DDE

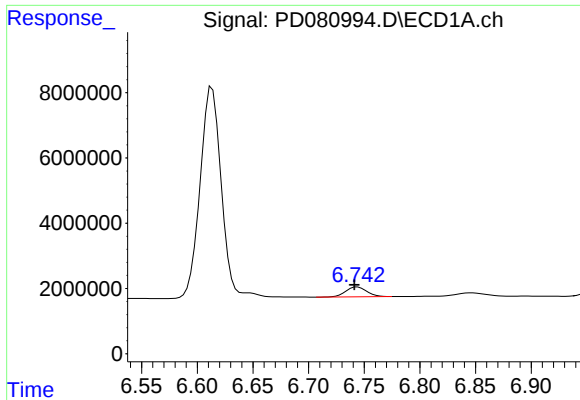
R.T.: 5.254 min
Delta R.T.: 0.002 min
Response: 848663
Conc: 0.28 ng/ml

#14 Endrin

R.T.: 6.613 min
Delta R.T.: 0.003 min
Response: 83516864
Conc: 44.72 ng/ml

#14 Endrin

R.T.: 5.659 min
Delta R.T.: 0.000 min
Response: 135248200
Conc: 45.64 ng/ml



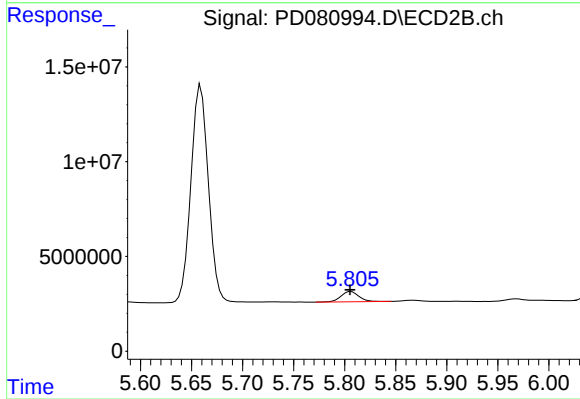
#16 4,4'-DDD

R.T.: 6.744 min
Delta R.T.: 0.003 min
Response: 3976967
Conc: 2.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

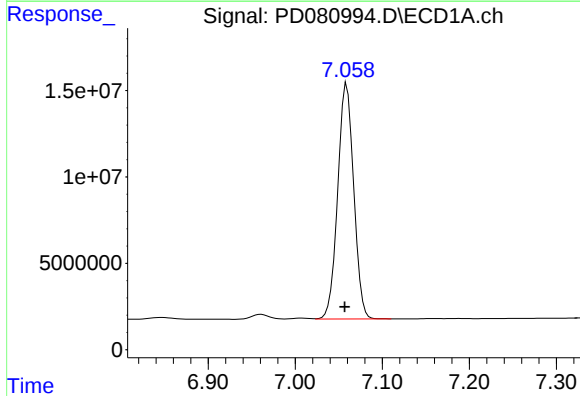
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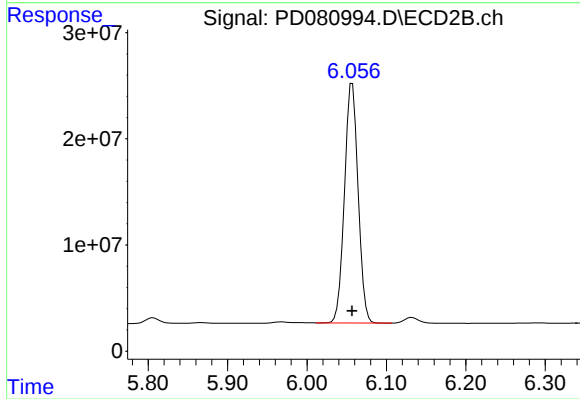
#16 4,4'-DDD

R.T.: 5.806 min
Delta R.T.: 0.000 min
Response: 6565931
Conc: 2.50 ng/ml



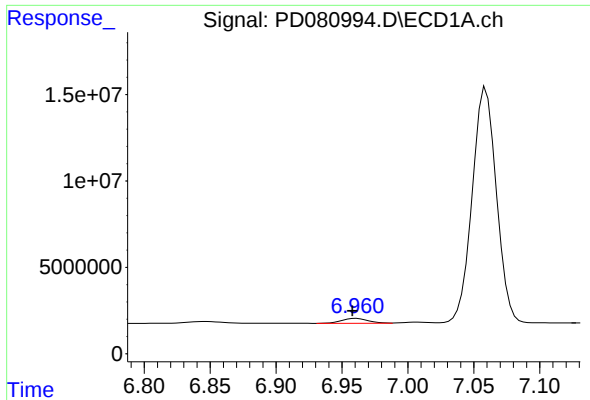
#17 4,4'-DDT

R.T.: 7.059 min
Delta R.T.: 0.003 min
Response: 174325387
Conc: 97.89 ng/ml



#17 4,4'-DDT

R.T.: 6.057 min
Delta R.T.: 0.000 min
Response: 269671249
Conc: 101.65 ng/ml



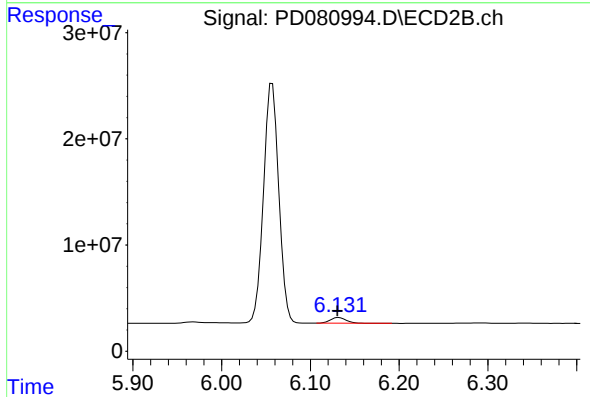
#18 Endrin aldehyde

R.T.: 6.961 min
Delta R.T.: 0.003 min
Response: 3885347
Conc: 2.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

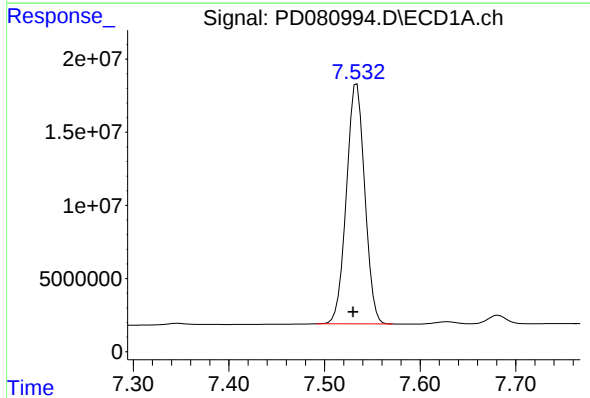
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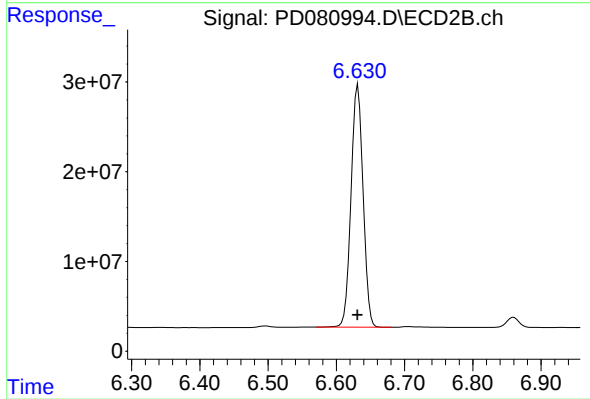
#18 Endrin aldehyde

R.T.: 6.132 min
Delta R.T.: 0.002 min
Response: 6694214
Conc: 2.97 ng/ml



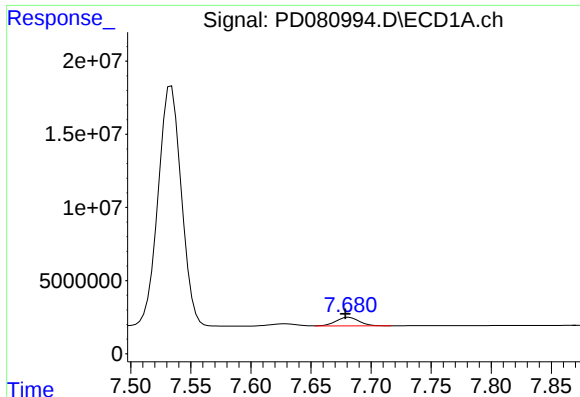
#20 Methoxychlor

R.T.: 7.534 min
Delta R.T.: 0.004 min
Response: 219912413
Conc: 213.66 ng/ml



#20 Methoxychlor

R.T.: 6.632 min
Delta R.T.: 0.000 min
Response: 330636192
Conc: 211.23 ng/ml



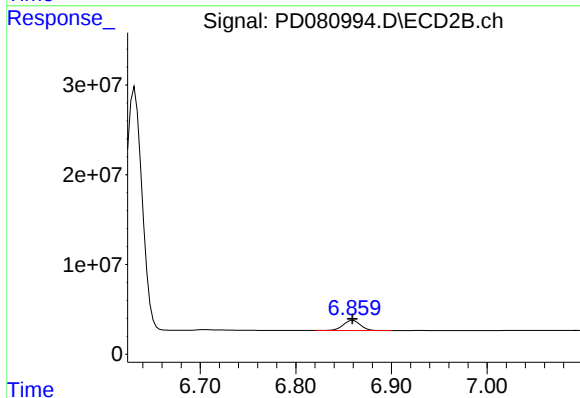
#21 Endrin ketone

R.T.: 7.682 min
Delta R.T.: 0.003 min
Response: 7702457
Conc: 3.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

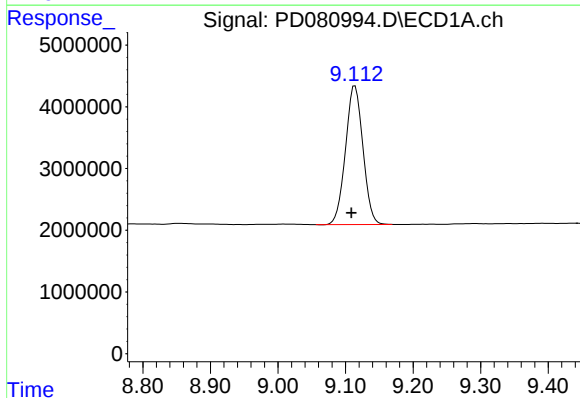
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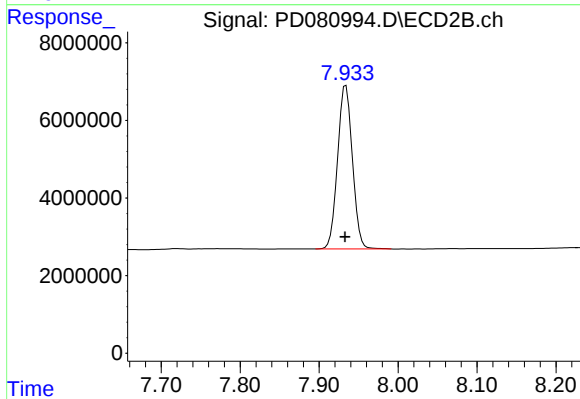
#21 Endrin ketone

R.T.: 6.860 min
Delta R.T.: 0.000 min
Response: 14150644
Conc: 4.39 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.114 min
Delta R.T.: 0.005 min
Response: 40166985
Conc: 19.96 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.934 min
Delta R.T.: 0.001 min
Response: 54976214
Conc: 20.64 ng/ml