

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD012424\
 Data File : PD080832.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Jan 2024 15:32
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 01/25/2024
 Supervised By : Ankita Jodhani 01/25/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 25 00:55:45 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012424.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 24 20:16:38 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	2.797	28686006	48165774	20.208	20.135
28)	SA Decachlor...	9.110	7.933	42418604	55326943	21.078	20.771
Target Compounds							
2)	A alpha-BHC	4.023	3.298	23015653	37553292	9.266	9.787
3)	MA gamma-BHC...	4.356	3.628	22583333	34742283	9.227	9.292
6)	B beta-BHC	4.551	3.923	10606413	17057130	10.482	10.916
12)	B 4,4'-DDE	6.226	5.256	239362	697437	0.118	0.228 #
14)	MA Endrin	6.610	5.660	83824140	138.5E6	44.880	46.721
16)	A 4,4'-DDD	6.743	5.807	362584	707927	0.221	0.270m
17)	MA 4,4'-DDT	7.057	6.058	173.9E6	273.8E6	97.636	103.209
18)	B Endrin al...	6.959	6.133	2011467	4482425	1.322	1.988 #
20)	A Methoxychlor	7.531	6.632	228.3E6	353.7E6	221.848	225.982
21)	B Endrin ke...	7.679	6.860	4355281	7282654	2.083	2.257

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

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Acq On : 24 Jan 2024 15:32
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

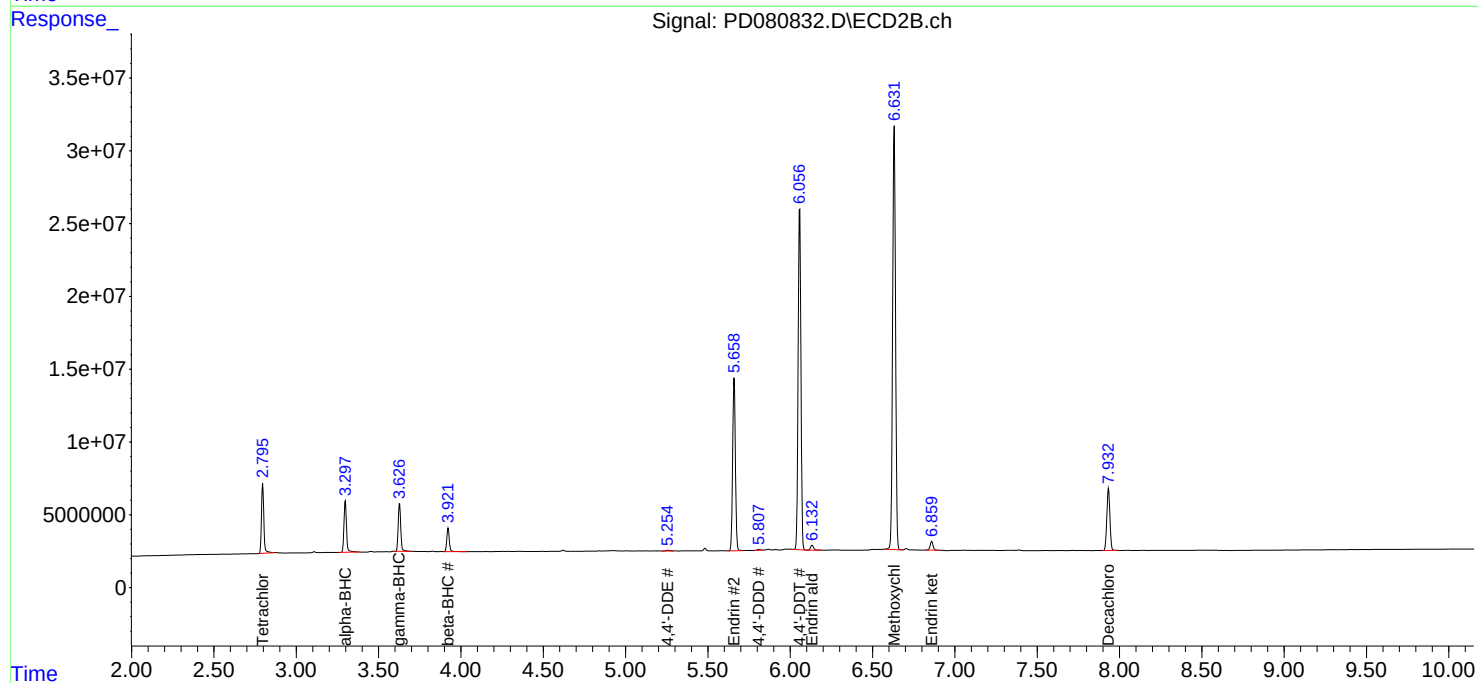
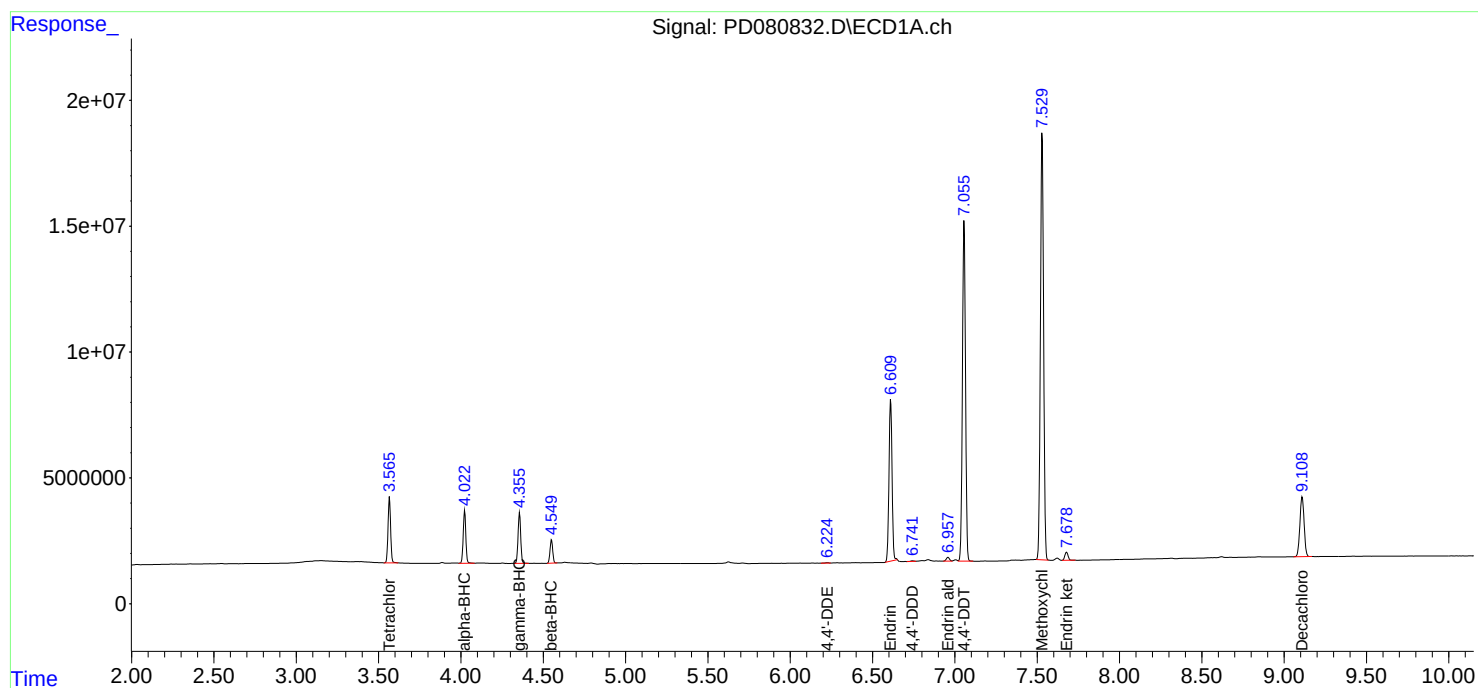
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ECD_D
ClientSampleId :
PEM

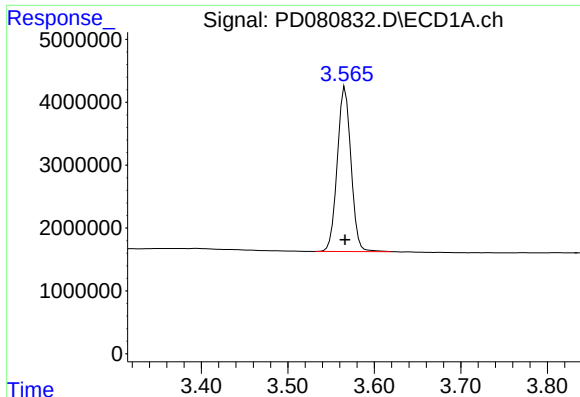
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Volume Inj. : 1 µl
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Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





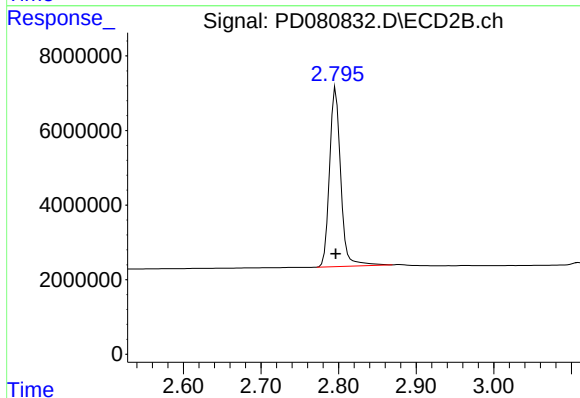
#1 Tetrachloro-m-xylene

R.T.: 3.566 min
Delta R.T.: 0.000 min
Response: 28686006
Conc: 20.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

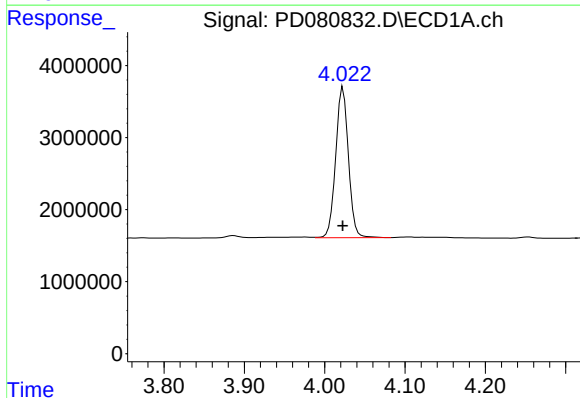
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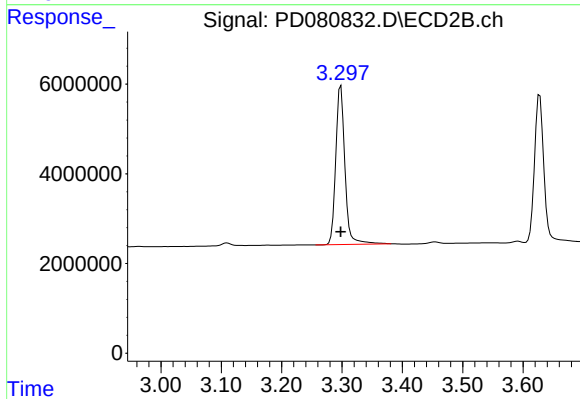
#1 Tetrachloro-m-xylene

R.T.: 2.797 min
Delta R.T.: 0.000 min
Response: 48165774
Conc: 20.13 ng/ml



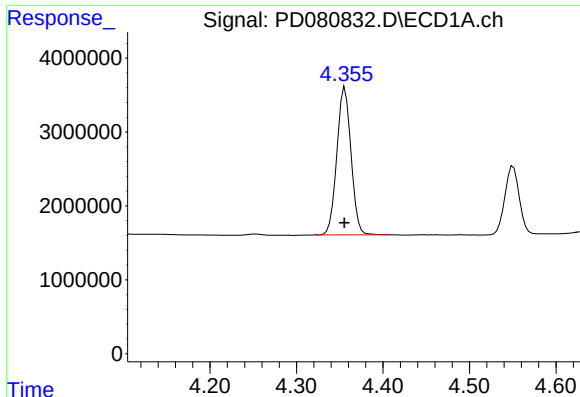
#2 alpha-BHC

R.T.: 4.023 min
Delta R.T.: 0.000 min
Response: 23015653
Conc: 9.27 ng/ml



#2 alpha-BHC

R.T.: 3.298 min
Delta R.T.: 0.000 min
Response: 37553292
Conc: 9.79 ng/ml



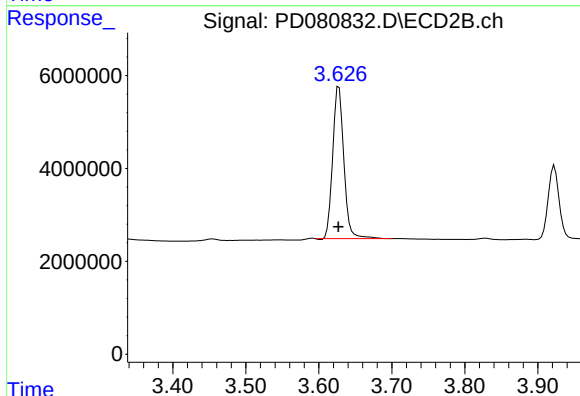
#3 gamma-BHC (Lindane)

R.T.: 4.356 min
Delta R.T.: 0.000 min
Response: 22583333
Conc: 9.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

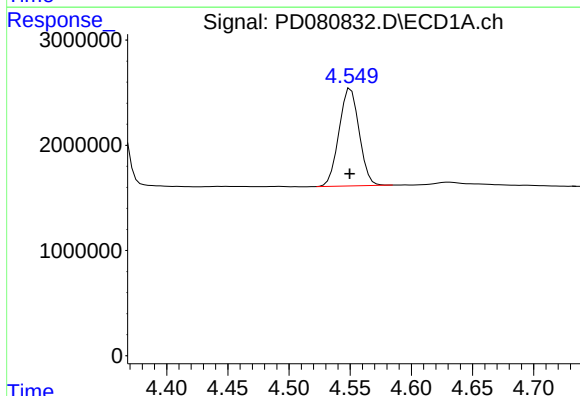
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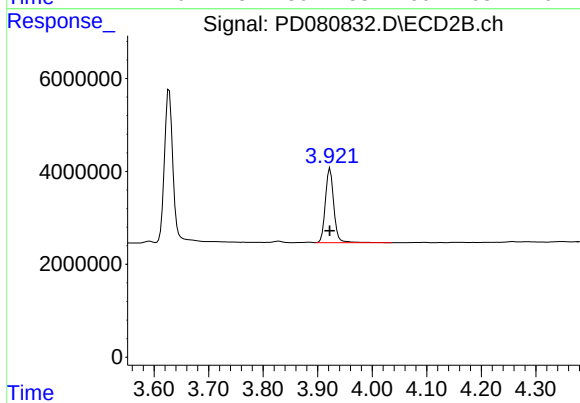
#3 gamma-BHC (Lindane)

R.T.: 3.628 min
Delta R.T.: 0.000 min
Response: 34742283
Conc: 9.29 ng/ml



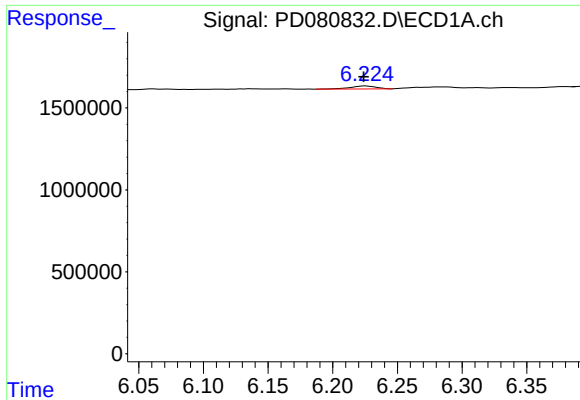
#6 beta-BHC

R.T.: 4.551 min
Delta R.T.: 0.000 min
Response: 10606413
Conc: 10.48 ng/ml



#6 beta-BHC

R.T.: 3.923 min
Delta R.T.: 0.000 min
Response: 17057130
Conc: 10.92 ng/ml



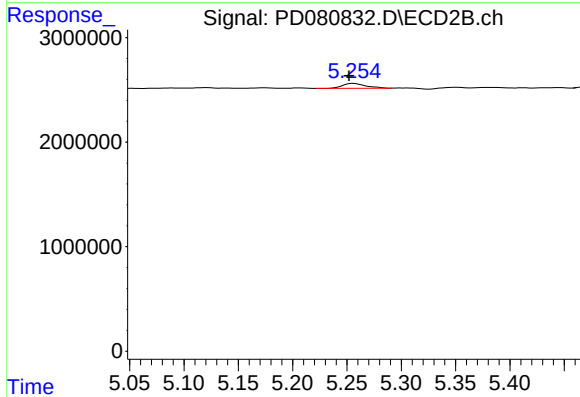
#12 4,4'-DDE

R.T.: 6.226 min
Delta R.T.: 0.002 min
Response: 239362
Conc: 0.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

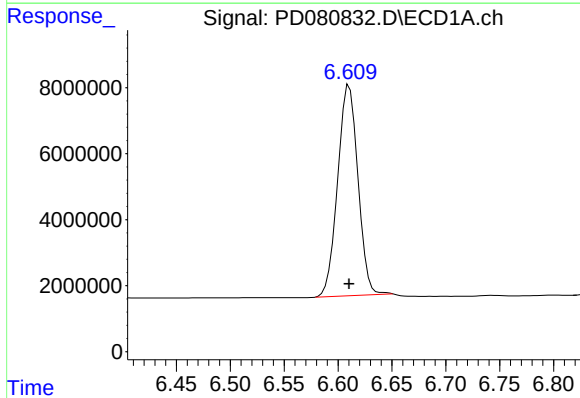
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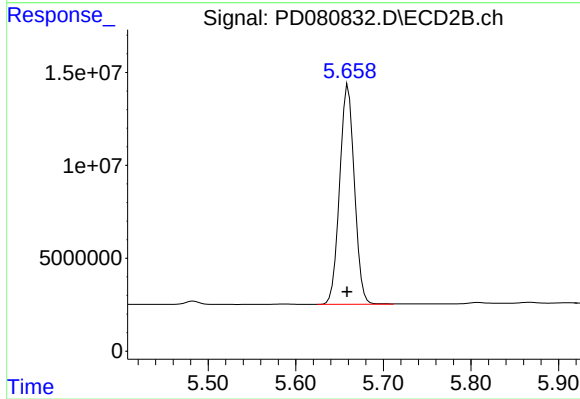
#12 4,4'-DDE

R.T.: 5.256 min
Delta R.T.: 0.004 min
Response: 697437
Conc: 0.23 ng/ml



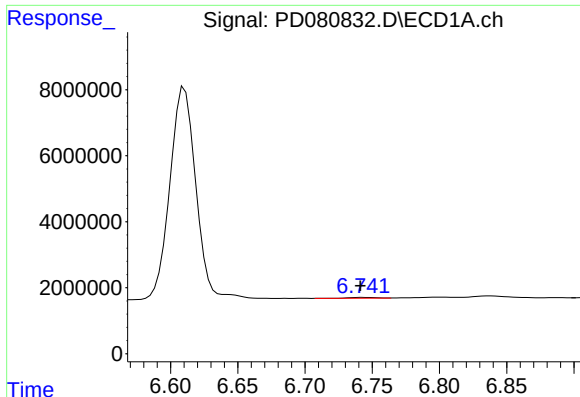
#14 Endrin

R.T.: 6.610 min
Delta R.T.: 0.000 min
Response: 83824140
Conc: 44.88 ng/ml



#14 Endrin

R.T.: 5.660 min
Delta R.T.: 0.001 min
Response: 138453806
Conc: 46.72 ng/ml



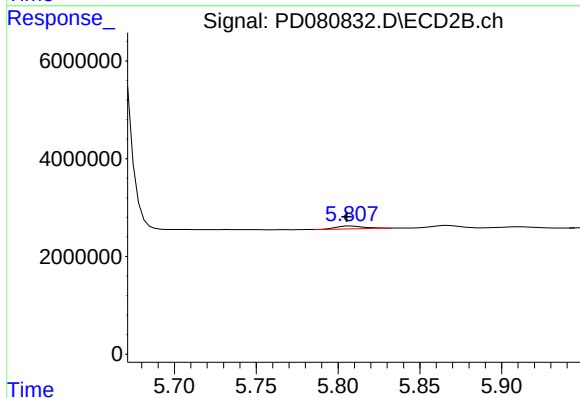
#16 4,4'-DDD

R.T.: 6.743 min
Delta R.T.: 0.002 min
Response: 362584
Conc: 0.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

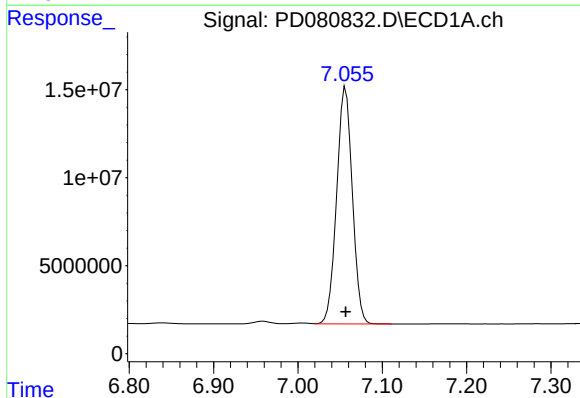
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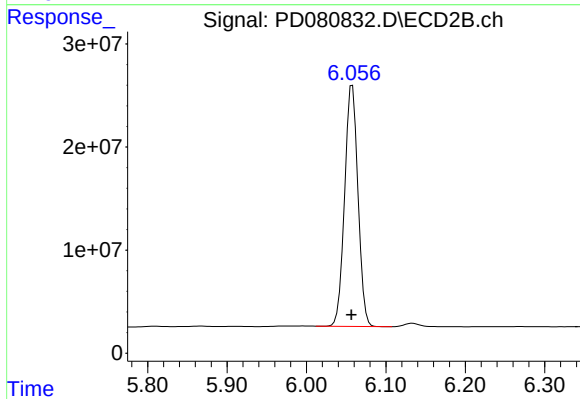
#16 4,4'-DDD

R.T.: 5.807 min
Delta R.T.: 0.001 min
Response: 707927
Conc: 0.27 ng/ml m



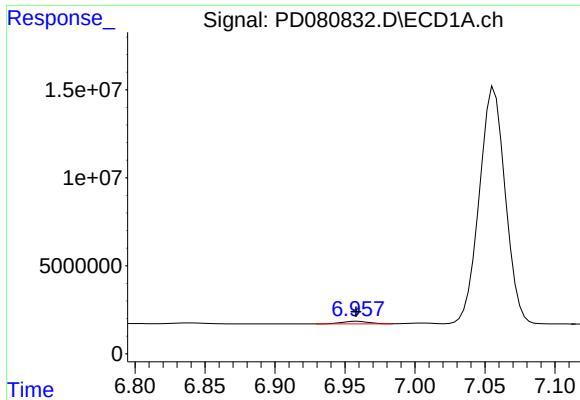
#17 4,4'-DDT

R.T.: 7.057 min
Delta R.T.: 0.000 min
Response: 173878478
Conc: 97.64 ng/ml



#17 4,4'-DDT

R.T.: 6.058 min
Delta R.T.: 0.001 min
Response: 273820993
Conc: 103.21 ng/ml



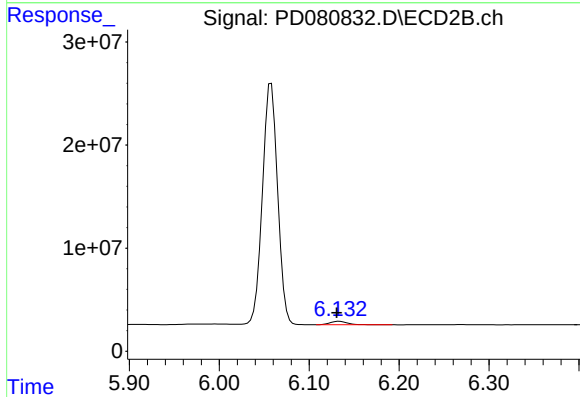
#18 Endrin aldehyde

R.T.: 6.959 min
Delta R.T.: 0.000 min
Response: 2011467
Conc: 1.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

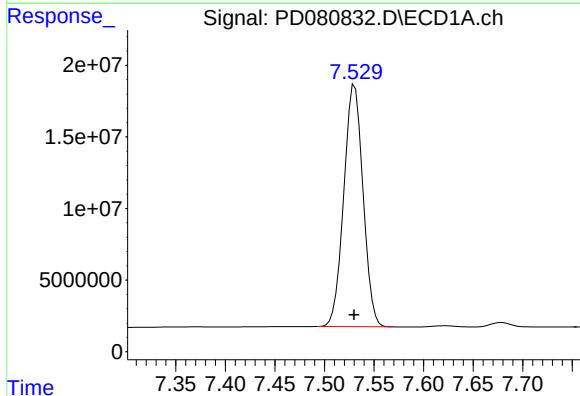
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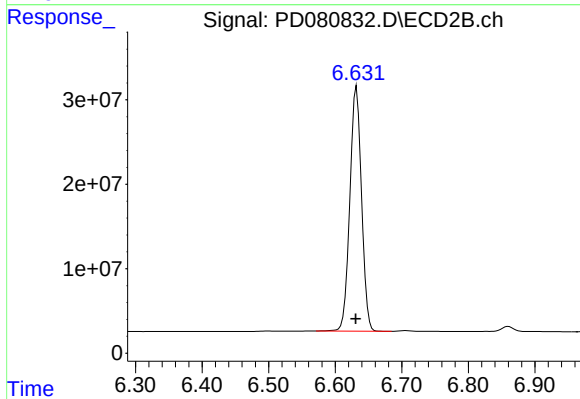
#18 Endrin aldehyde

R.T.: 6.133 min
Delta R.T.: 0.003 min
Response: 4482425
Conc: 1.99 ng/ml



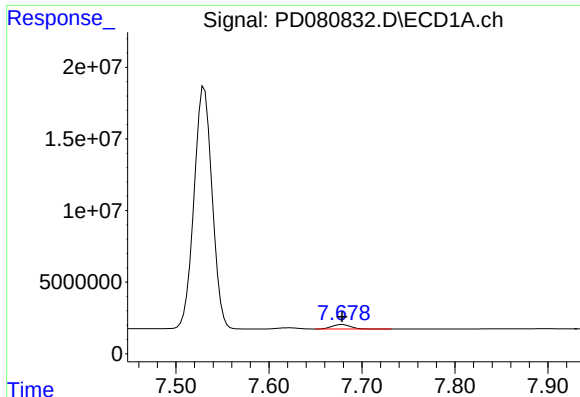
#20 Methoxychlor

R.T.: 7.531 min
Delta R.T.: 0.000 min
Response: 228343687
Conc: 221.85 ng/ml



#20 Methoxychlor

R.T.: 6.632 min
Delta R.T.: 0.001 min
Response: 353720219
Conc: 225.98 ng/ml



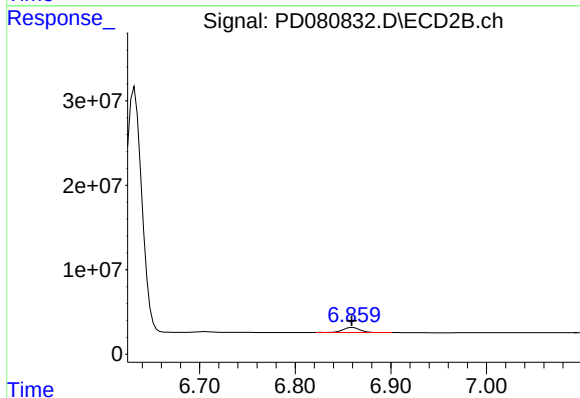
#21 Endrin ketone

R.T.: 7.679 min
Delta R.T.: 0.000 min
Response: 4355281
Conc: 2.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

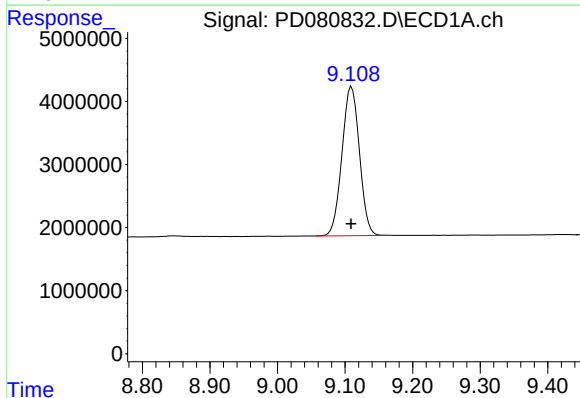
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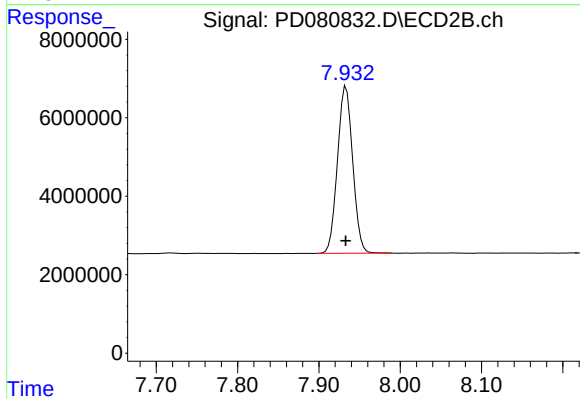
#21 Endrin ketone

R.T.: 6.860 min
Delta R.T.: 0.001 min
Response: 7282654
Conc: 2.26 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.110 min
Delta R.T.: 0.000 min
Response: 42418604
Conc: 21.08 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.933 min
Delta R.T.: 0.000 min
Response: 55326943
Conc: 20.77 ng/ml