

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100522\
 Data File : PD072228.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Oct 2022 15:26
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/06/2022
 Supervised By : Ankita Jodhani 10/06/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 05 16:15:52 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD100522.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 05 15:15:26 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	2.744	3.497	48904146	707.9E6	19.487	19.529
28)	SA Decachlor...	7.920	8.986	51009091	208.2E6	20.010	20.725
Target Compounds							
2)	A alpha-BHC	3.248	3.960	36460962	540.7E6	9.109	10.636
3)	MA gamma-BHC...	3.580	4.294	33395826	443.8E6	9.244	10.706
6)	B beta-BHC	3.879	4.501	17097379	179.0E6	10.573	10.740m
14)	MA Endrin	5.626	6.535	122.4E6	624.0E6	45.098	44.170
16)	A 4,4'-DDD	5.778	6.670	3467632	21701346	1.328	1.561
17)	MA 4,4'-DDT	6.031	6.980	258.7E6	1260.4E6	98.702	89.341
18)	B Endrin al...	6.103	6.892	5170904	23446742	2.428	2.162
20)	A Methoxychlor	6.610	7.458	346.7E6	1469.6E6	224.631	211.744
21)	B Endrin ke...	6.833	7.613	13252246	53113607	4.166	3.789m

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

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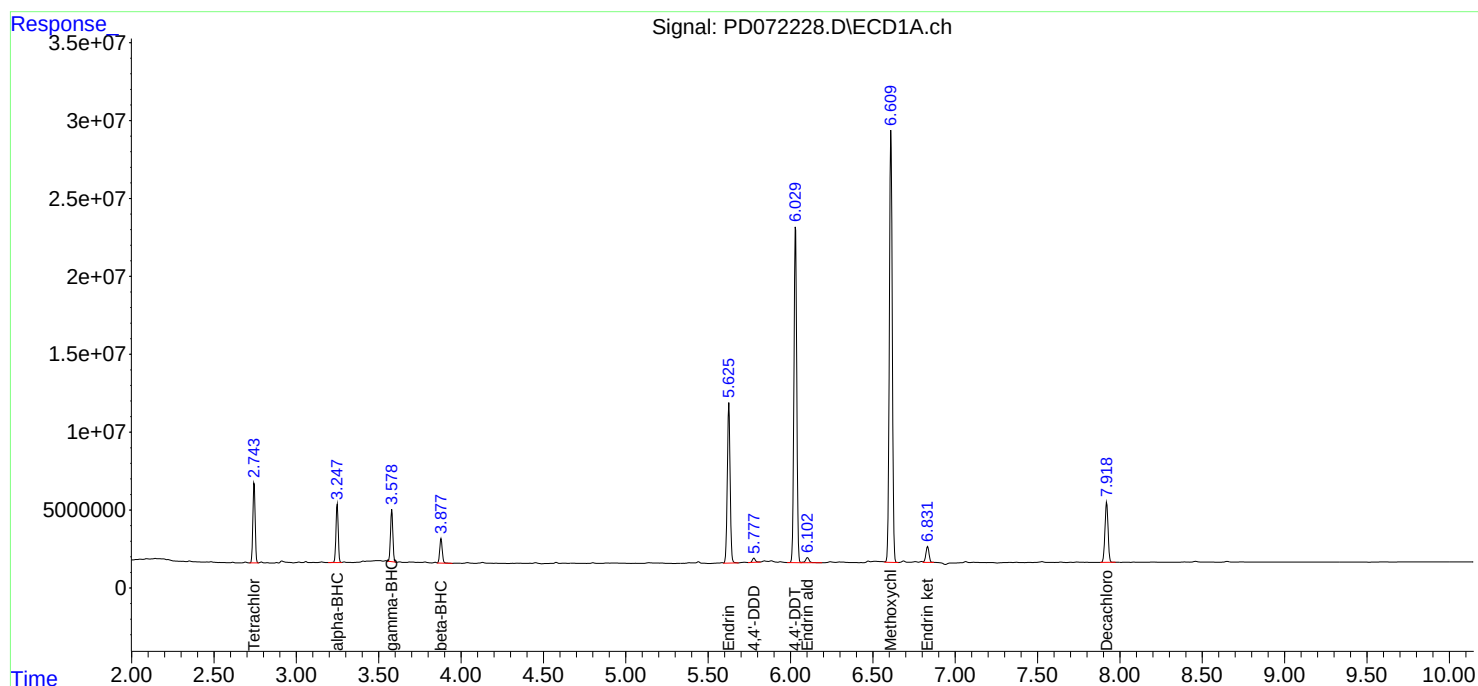
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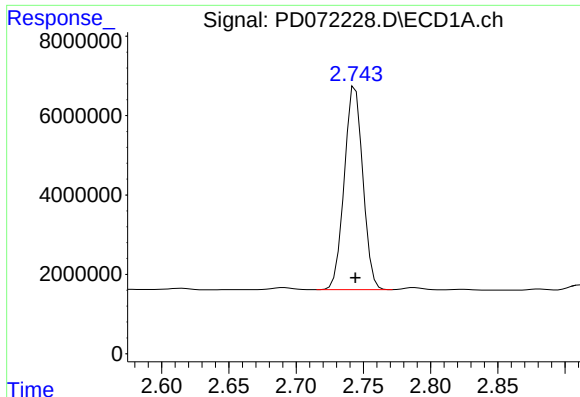
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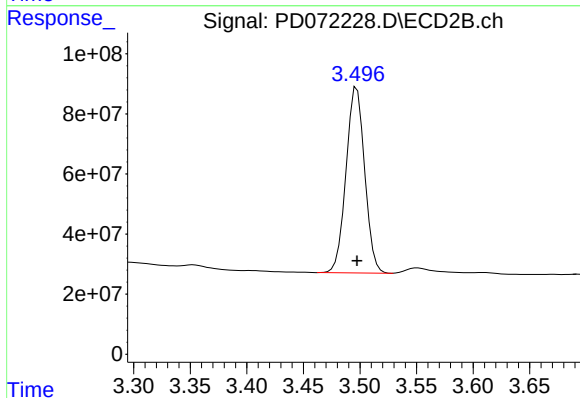
#1 Tetrachloro-m-xylene

R.T.: 2.744 min
Delta R.T.: 0.000 min
Response: 48904146
Conc: 19.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

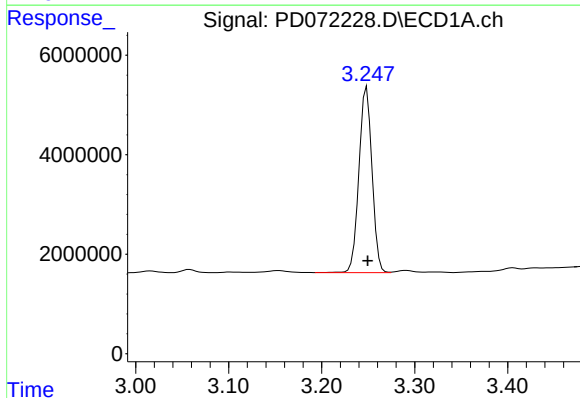
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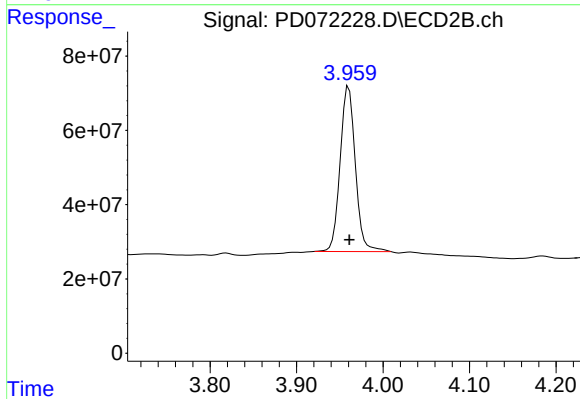
#1 Tetrachloro-m-xylene

R.T.: 3.497 min
Delta R.T.: 0.000 min
Response: 707945518
Conc: 19.53 ng/ml



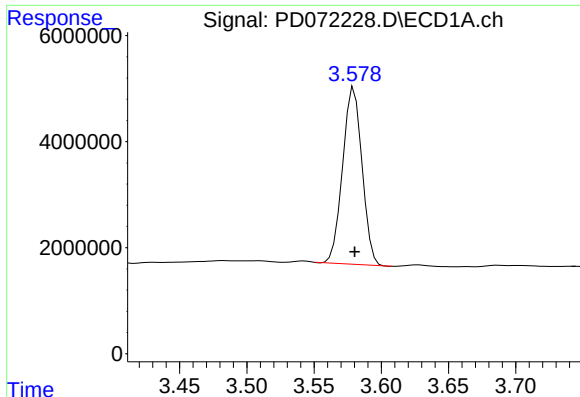
#2 alpha-BHC

R.T.: 3.248 min
Delta R.T.: 0.000 min
Response: 36460962
Conc: 9.11 ng/ml



#2 alpha-BHC

R.T.: 3.960 min
Delta R.T.: 0.000 min
Response: 540704672
Conc: 10.64 ng/ml



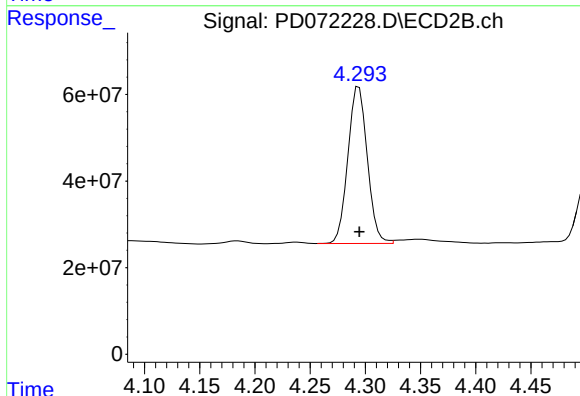
#3 gamma-BHC (Lindane)

R.T.: 3.580 min
Delta R.T.: 0.000 min
Response: 33395826
Conc: 9.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

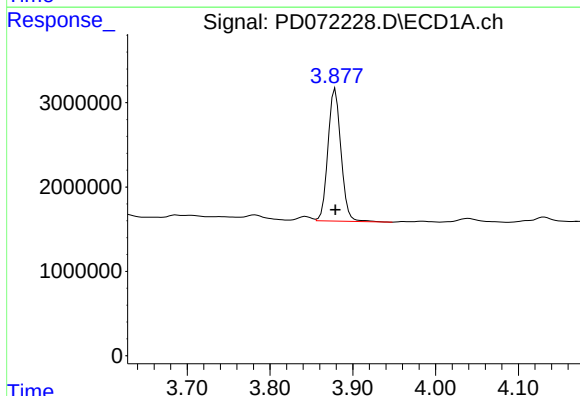
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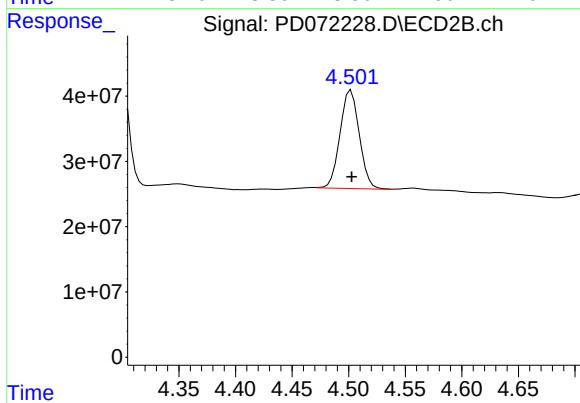
#3 gamma-BHC (Lindane)

R.T.: 4.294 min
Delta R.T.: 0.000 min
Response: 443801390
Conc: 10.71 ng/ml



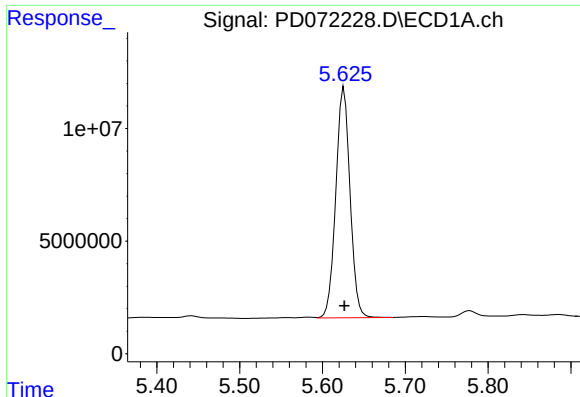
#6 beta-BHC

R.T.: 3.879 min
Delta R.T.: 0.000 min
Response: 17097379
Conc: 10.57 ng/ml



#6 beta-BHC

R.T.: 4.501 min
Delta R.T.: -0.002 min
Response: 178985672
Conc: 10.74 ng/ml m



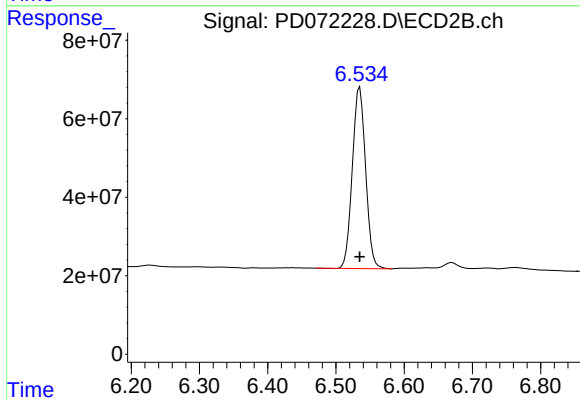
#14 Endrin

R.T.: 5.626 min
Delta R.T.: 0.000 min
Response: 122383588
Conc: 45.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

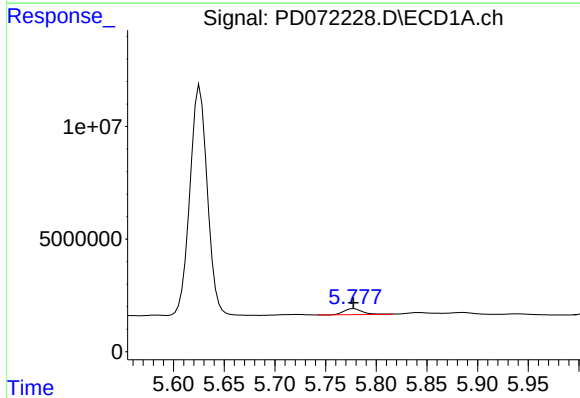
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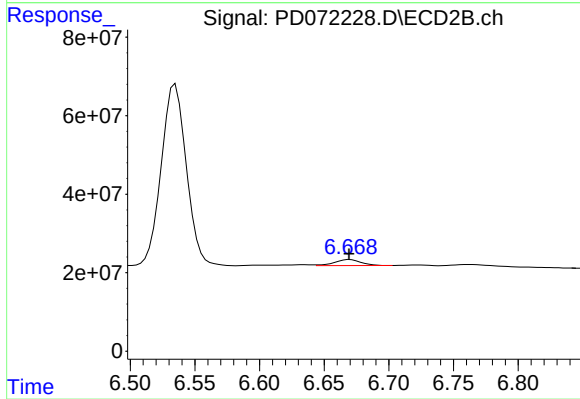
#14 Endrin

R.T.: 6.535 min
Delta R.T.: 0.000 min
Response: 623990874
Conc: 44.17 ng/ml



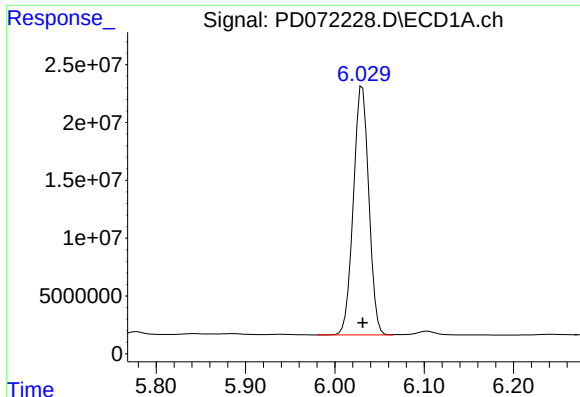
#16 4,4'-DDD

R.T.: 5.778 min
Delta R.T.: 0.000 min
Response: 3467632
Conc: 1.33 ng/ml



#16 4,4'-DDD

R.T.: 6.670 min
Delta R.T.: 0.000 min
Response: 21701346
Conc: 1.56 ng/ml



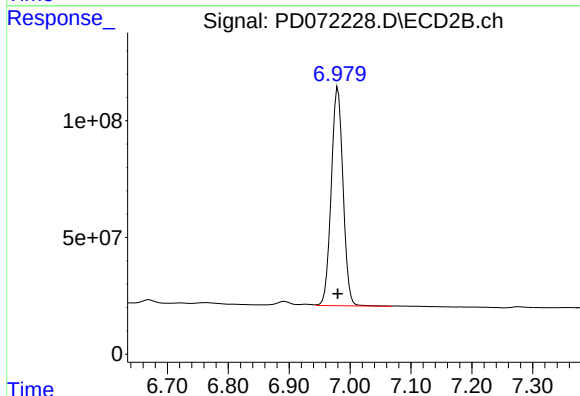
#17 4,4'-DDT

R.T.: 6.031 min
Delta R.T.: 0.000 min
Response: 258714698
Conc: 98.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

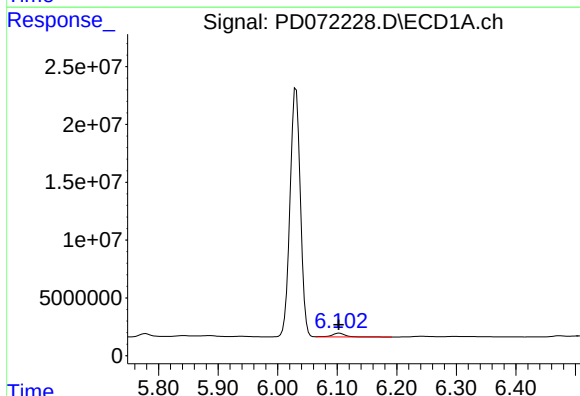
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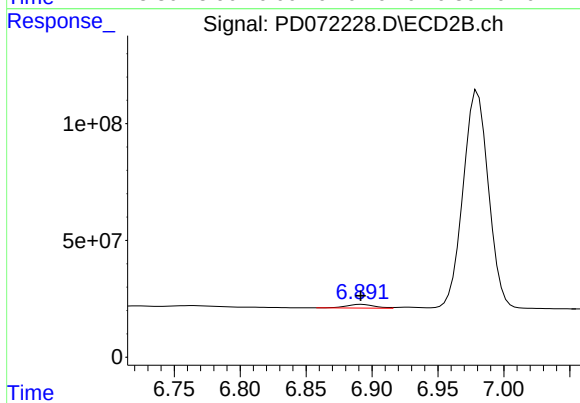
#17 4,4'-DDT

R.T.: 6.980 min
Delta R.T.: 0.000 min
Response: 1260417227
Conc: 89.34 ng/ml



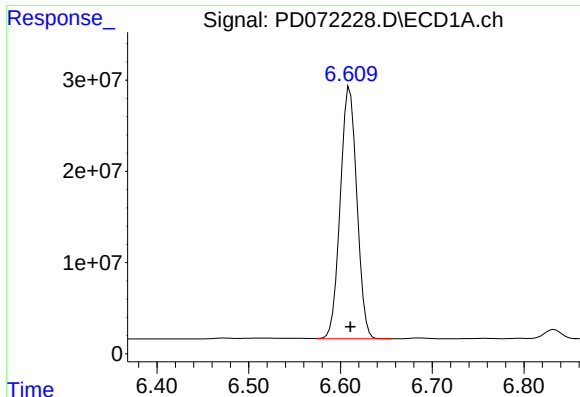
#18 Endrin aldehyde

R.T.: 6.103 min
Delta R.T.: 0.000 min
Response: 5170904
Conc: 2.43 ng/ml



#18 Endrin aldehyde

R.T.: 6.892 min
Delta R.T.: 0.000 min
Response: 23446742
Conc: 2.16 ng/ml



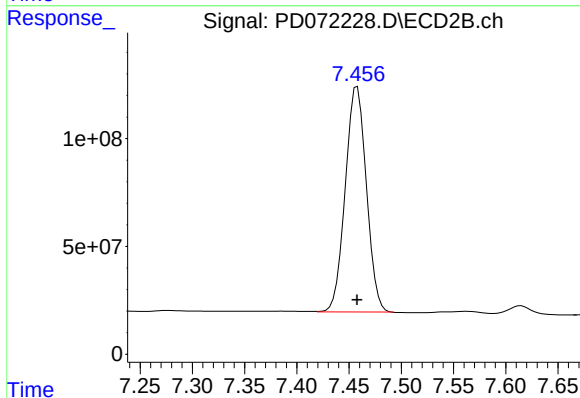
#20 Methoxychlor

R.T.: 6.610 min
Delta R.T.: 0.000 min
Response: 346682890
Conc: 224.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

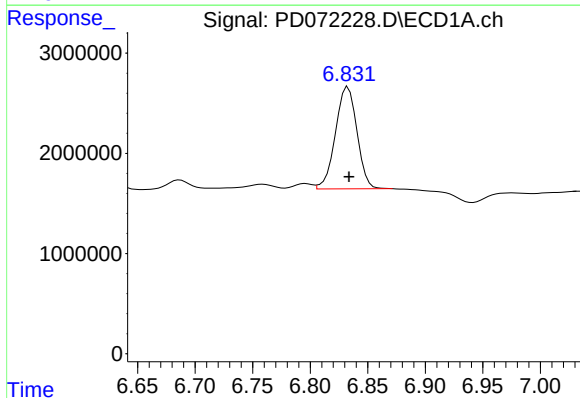
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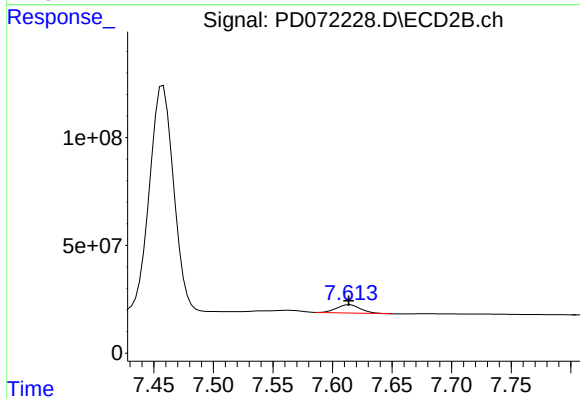
#20 Methoxychlor

R.T.: 7.458 min
Delta R.T.: 0.000 min
Response: 1469560374
Conc: 211.74 ng/ml



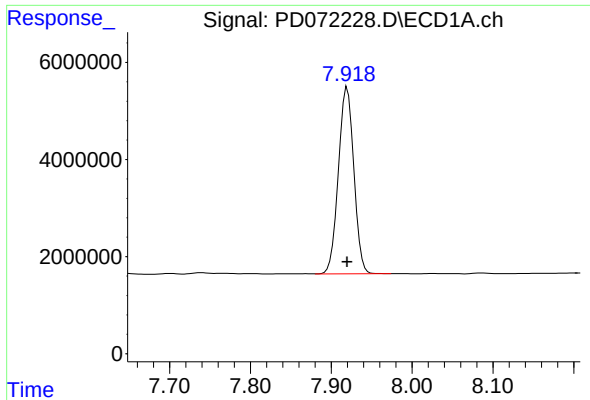
#21 Endrin ketone

R.T.: 6.833 min
Delta R.T.: -0.001 min
Response: 13252246
Conc: 4.17 ng/ml



#21 Endrin ketone

R.T.: 7.613 min
Delta R.T.: 0.000 min
Response: 53113607
Conc: 3.79 ng/ml m



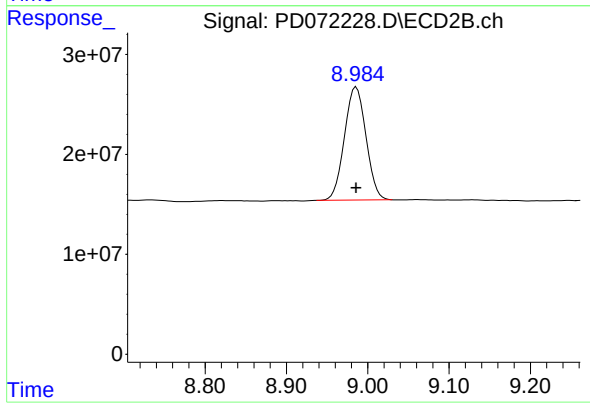
#28 Decachlorobiphenyl

R.T.: 7.920 min
Delta R.T.: 0.000 min
Response: 51009091
Conc: 20.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 8.986 min
Delta R.T.: 0.000 min
Response: 208225340
Conc: 20.73 ng/ml