

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041421AR\
 Data File : FD036915.D
 Signal(s) : FID2B.CH
 Acq On : 14 Apr 2021 22:00
 Operator : DD\AJ
 Sample : M1982-02MSD
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 WC-1MSD

Manual Integrations
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 4/15/2021 12:06:22 PM

Integration File: autoint1.e
 Quant Time: Apr 15 01:24:33 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032321.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 24 11:18:39 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.588	6710606	47.714 ug/ml
Spiked Amount 50.000		Recovery =	95.43%
6) S 2-Fluorobiphenyl (SURR)	8.449	4124650	43.941 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	87.88%
11) S ortho-Terphenyl (SURR)	11.488	4869173	31.881 ug/ml
Spiked Amount 50.000		Recovery =	63.76%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.386	5043938	34.410 ug/ml
2) T Naphthalene (C11.7)	5.924	5659897	36.013 ug/ml
3) T 2-Methylnaphthalene (...)	6.977	5704955	36.299 ug/ml
5) T Acenaphthylene (C15.06)	8.252	5920524	39.512 ug/ml
7) T Acenaphthene (C15.5)	8.549	5866916	37.794 ug/ml
8) T Flouorene (C16.55)	9.328	5956955	39.566 ug/ml
9) T Phenanthrene (C19.36)	10.724	6104534	41.649 ug/ml
10) T Anthracene (C19.43)	10.799	5838969	40.333 ug/ml
12) T Fluoranthene (C21.85)	12.535	6056128	43.136 ug/ml
13) T Pyrene (C20.8)	12.832	5915044	43.112 ug/ml
14) T Benzo[a]anthracene (C...	14.701	5395703	45.434 ug/ml
15) T Chrysene (C27.41)	14.746	5729380	47.377 ug/mlm
16) T benzo[b]fluoranthene ...	16.251	5728281	52.203 ug/ml
17) T Bnezo[k]fluoranthene ...	16.286	5445310	51.227 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.631	5643283	56.624 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.995	5421867	53.939 ug/ml
20) T Dibenz[a,h]anthracene...	18.034	5372494	53.281 ug/ml
21) T Benzo[g,h,i]perylene ...	18.253	5568386	54.958 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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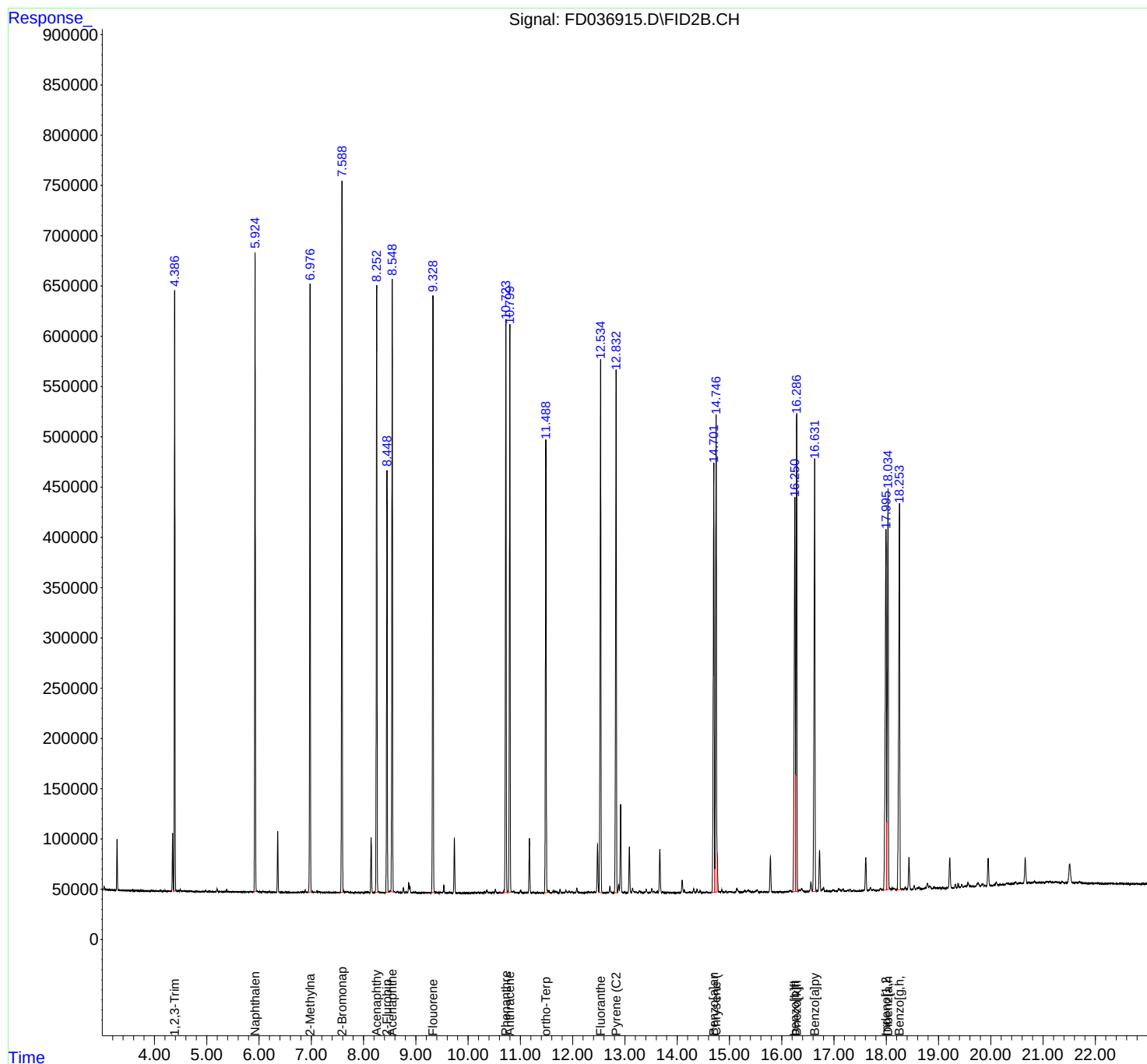
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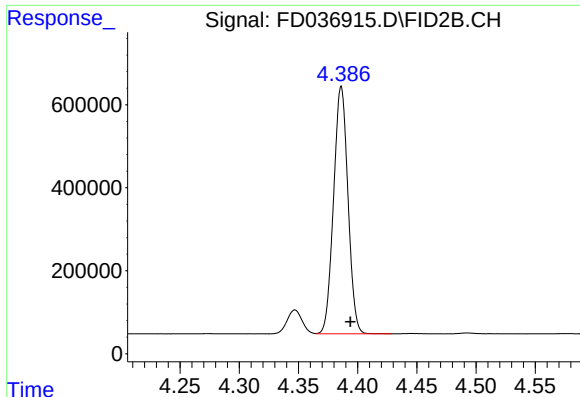
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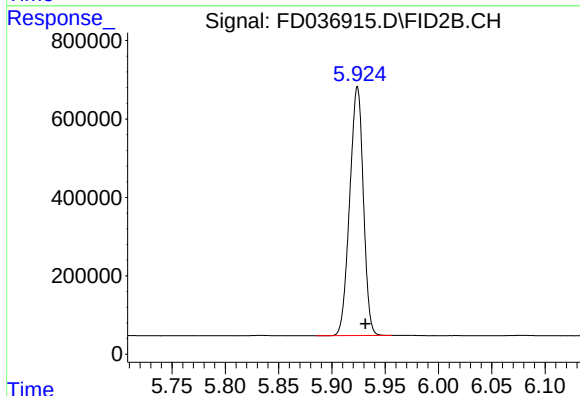
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.386 min
Delta R.T.: -0.008 min
Response: 5043938
Conc: 34.41 ug/ml

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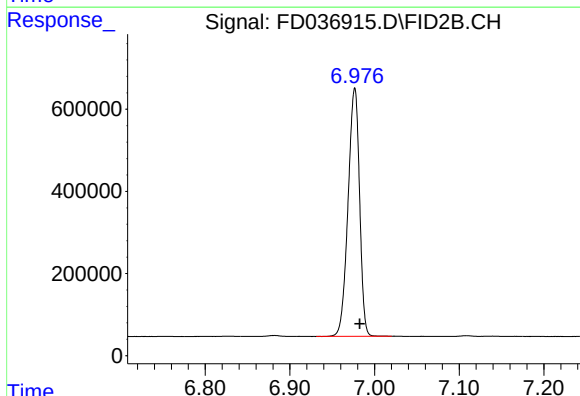
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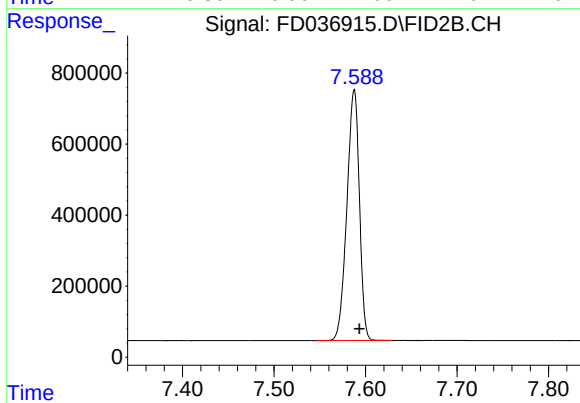
#2 Naphthalene (C11.7)

R.T.: 5.924 min
Delta R.T.: -0.007 min
Response: 5659897
Conc: 36.01 ug/ml



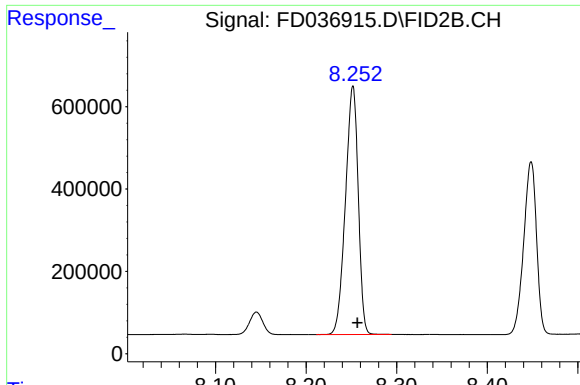
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.977 min
Delta R.T.: -0.006 min
Response: 5704955
Conc: 36.30 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.588 min
Delta R.T.: -0.005 min
Response: 6710606
Conc: 47.71 ug/ml



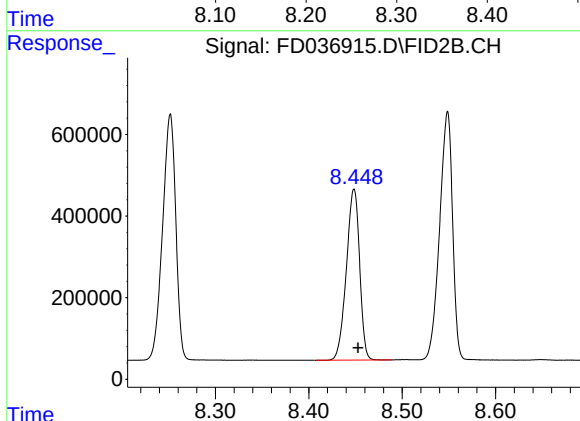
#5 Acenaphthylene (C15.06)

R.T.: 8.252 min
Delta R.T.: -0.005 min
Response: 5920524
Conc: 39.51 ug/ml

Instrument :
FID_D
ClientSampleId :
WC-1MSD

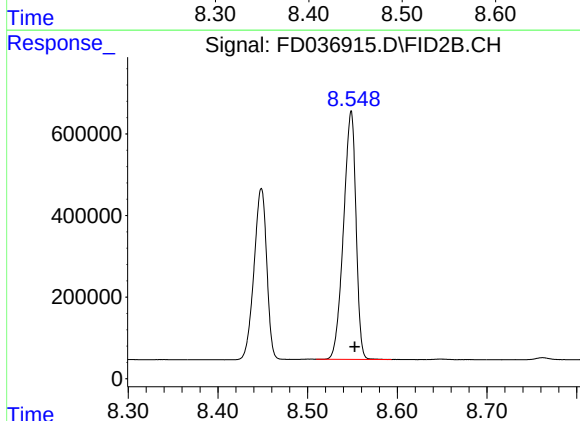
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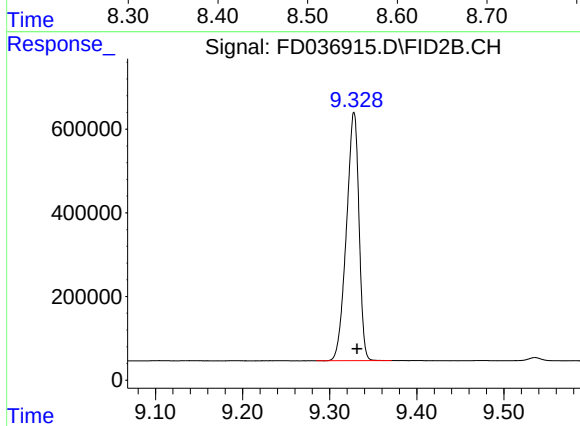
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.449 min
Delta R.T.: -0.004 min
Response: 4124650
Conc: 43.94 ug/ml



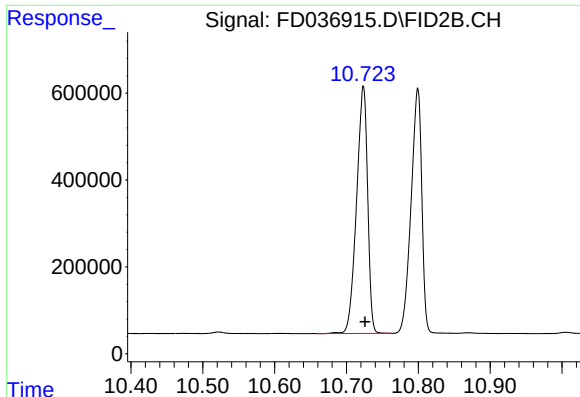
#7 Acenaphthene (C15.5)

R.T.: 8.549 min
Delta R.T.: -0.004 min
Response: 5866916
Conc: 37.79 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.328 min
Delta R.T.: -0.003 min
Response: 5956955
Conc: 39.57 ug/ml



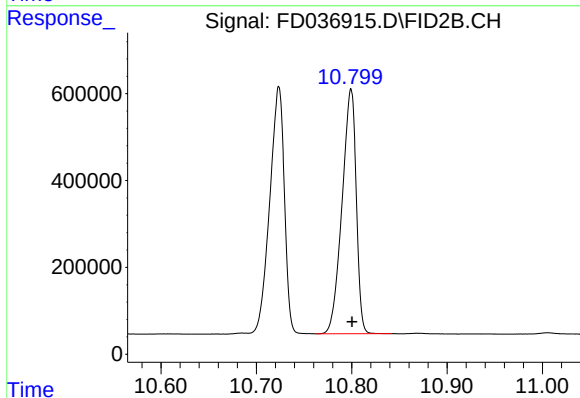
#9 Phenanthrene (C19.36)

R.T.: 10.724 min
Delta R.T.: -0.002 min
Response: 6104534
Conc: 41.65 ug/ml

Instrument :
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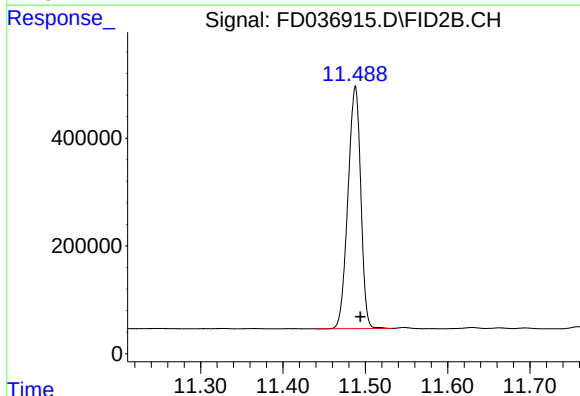
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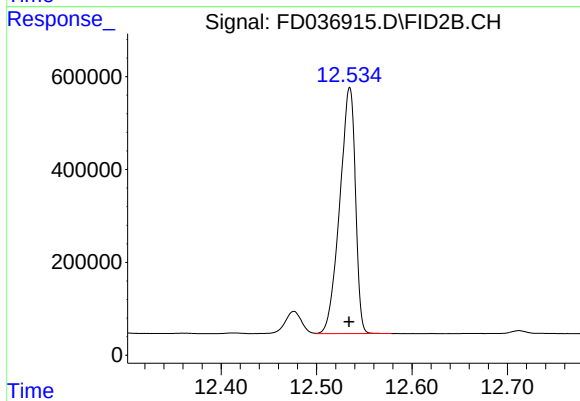
#10 Anthracene (C19.43)

R.T.: 10.799 min
Delta R.T.: 0.000 min
Response: 5838969
Conc: 40.33 ug/ml



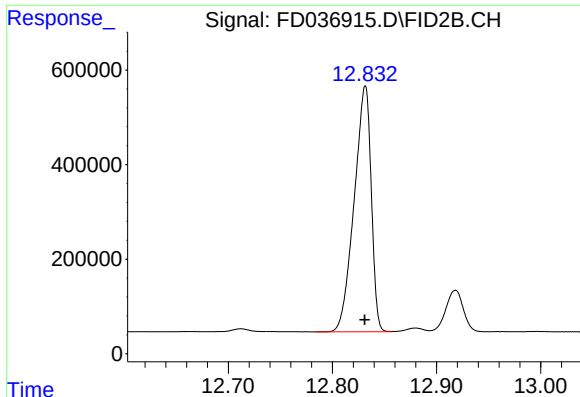
#11 ortho-Terphenyl (SURR)

R.T.: 11.488 min
Delta R.T.: -0.006 min
Response: 4869173
Conc: 31.88 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.535 min
Delta R.T.: 0.000 min
Response: 6056128
Conc: 43.14 ug/ml



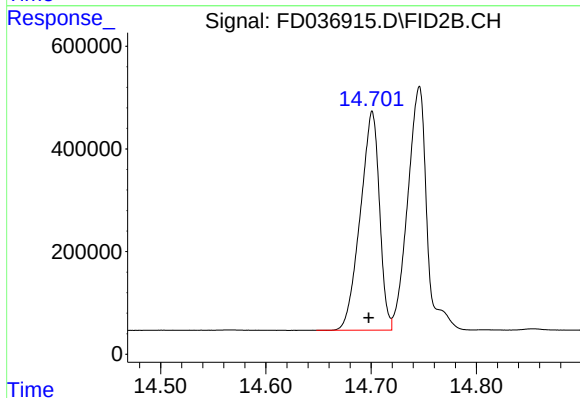
#13 Pyrene (C20.8)

R.T.: 12.832 min
Delta R.T.: 0.000 min
Response: 5915044
Conc: 43.11 ug/ml

Instrument :
FID_D
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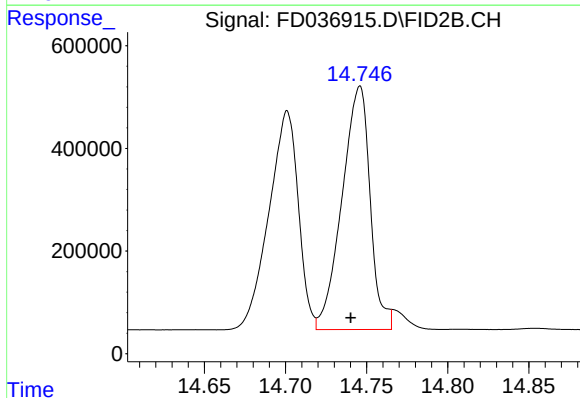
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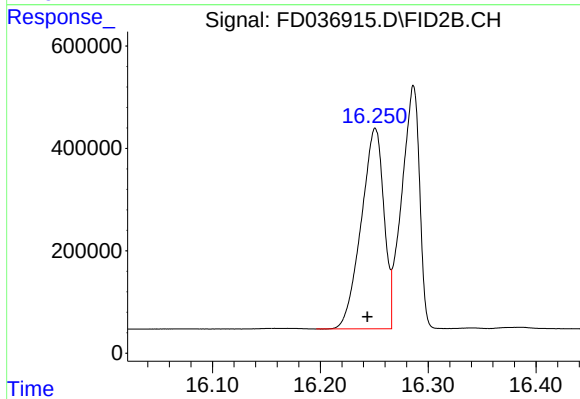
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.701 min
Delta R.T.: 0.003 min
Response: 5395703
Conc: 45.43 ug/ml



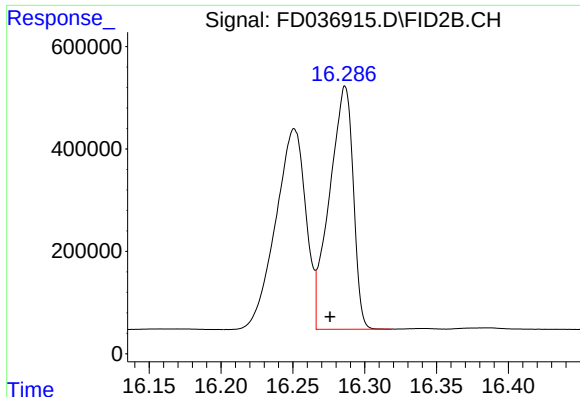
#15 Chrysene (C27.41)

R.T.: 14.746 min
Delta R.T.: 0.006 min
Response: 5729380
Conc: 47.38 ug/ml m



#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.251 min
Delta R.T.: 0.007 min
Response: 5728281
Conc: 52.20 ug/ml



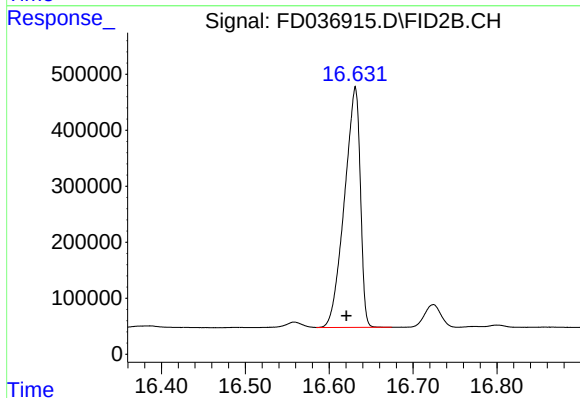
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.286 min
Delta R.T.: 0.010 min
Response: 5445310
Conc: 51.23 ug/ml

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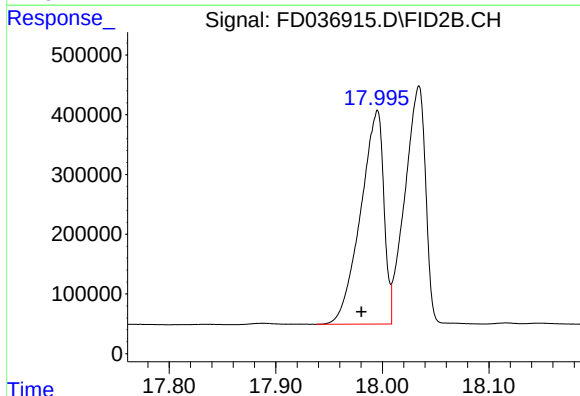
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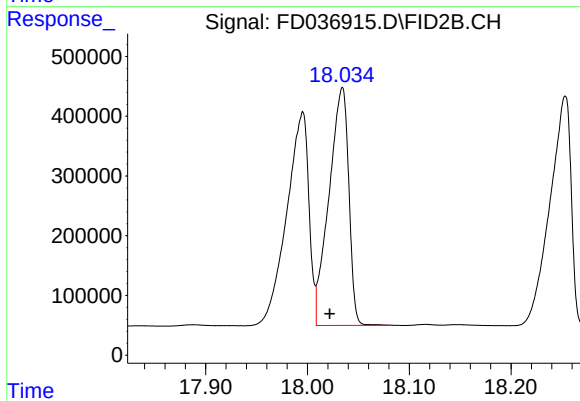
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.631 min
Delta R.T.: 0.011 min
Response: 5643283
Conc: 56.62 ug/ml



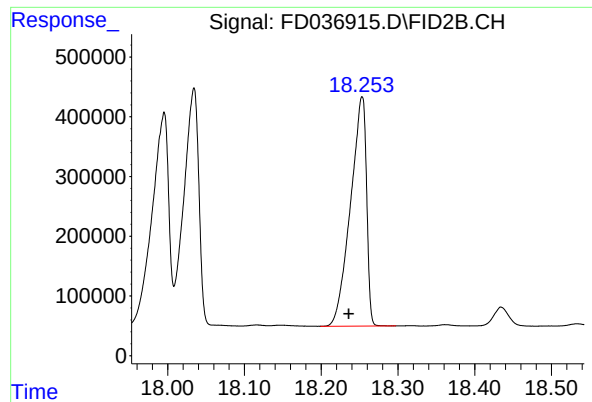
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.995 min
Delta R.T.: 0.015 min
Response: 5421867
Conc: 53.94 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 18.034 min
Delta R.T.: 0.012 min
Response: 5372494
Conc: 53.28 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.253 min
Delta R.T.: 0.017 min
Response: 5568386
Conc: 54.96 ug/ml

Instrument :
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