

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030320AR\
 Data File : FD032461.D
 Signal(s) : FID2B.CH
 Acq On : 03 Mar 2020 18:56
 Operator : DD\AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 04 03:06:05 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030320.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 04 03:04:37 2020
 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...	7.626	6307337	48.793 ug/ml
Spiked Amount 50.000		Recovery =	97.59%
6) S 2-Fluorobiphenyl (SURR)	8.488	4349595	48.864 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	97.73%
11) S ortho-Terphenyl (SURR)	11.526	6641319	47.919 ug/ml
Spiked Amount 50.000		Recovery =	95.84%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.429	6434549	48.748 ug/ml
2) T Naphthalene (C11.7)	5.966	6915141	48.862 ug/ml
3) T 2-Methylnaphthalene (...)	7.017	6921729	48.655 ug/ml
5) T Acenaphthylene (C15.06)	8.291	6653299	48.574 ug/ml
7) T Acenaphthene (C15.5)	8.588	6912585	48.765 ug/ml
8) T Fluorene (C16.55)	9.367	6830098	48.339 ug/ml
9) T Phenanthrene (C19.36)	10.762	6788614	48.211 ug/ml
10) T Anthracene (C19.43)	10.837	6669424	47.561 ug/ml
12) T Fluoranthene (C21.85)	12.573	6704190	47.584 ug/ml
13) T Pyrene (C20.8)	12.871	6642504	47.701 ug/ml
14) T Benzo[a]anthracene (C...	14.741	6277370	47.589 ug/ml
15) T Chrysene (C27.41)	14.786	6290358	46.777 ug/ml
16) T benzo[b]fluoranthene ...	16.292	6135531	47.345 ug/ml
17) T Bnezo[k]fluoranthene ...	16.328	6080776	46.331 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.672	6034502	47.023 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.040	5843381	49.069 ug/ml
20) T Dibenz[a,h]anthracene...	18.077	5782964	45.175 ug/ml
21) T Benzo[g,h,i]perylene ...	18.296	5552723	46.911 ug/ml

(f)=RT Delta > 1/2 Window

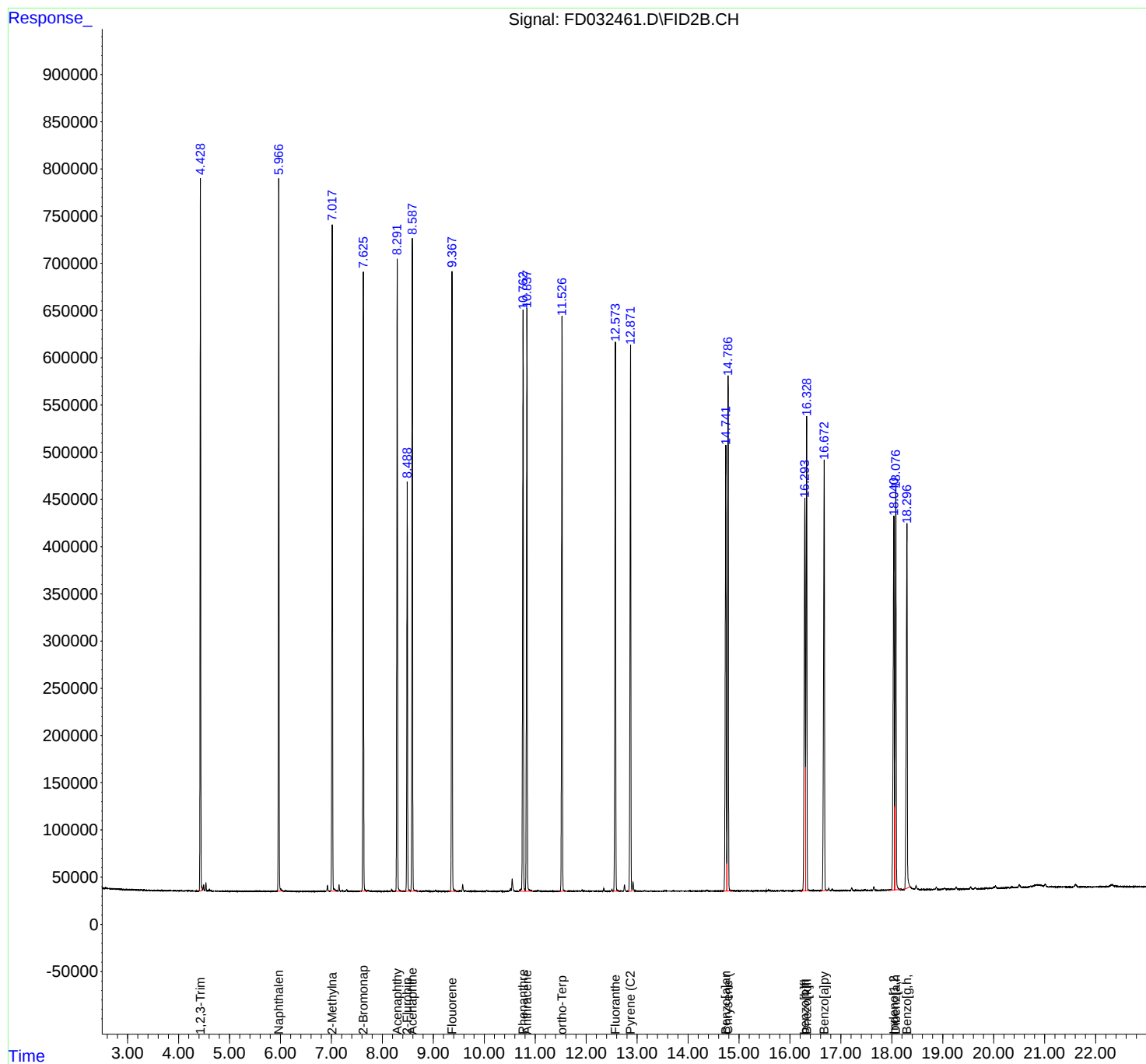
(m)=manual int.

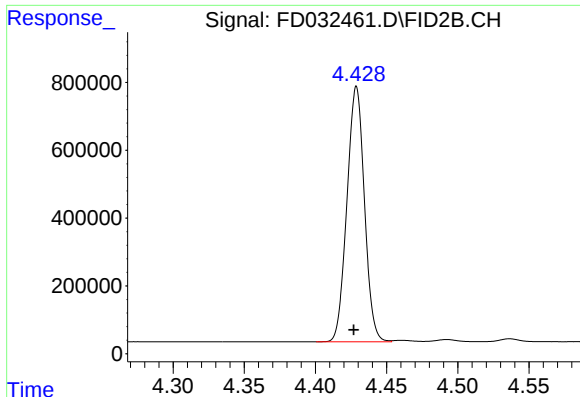
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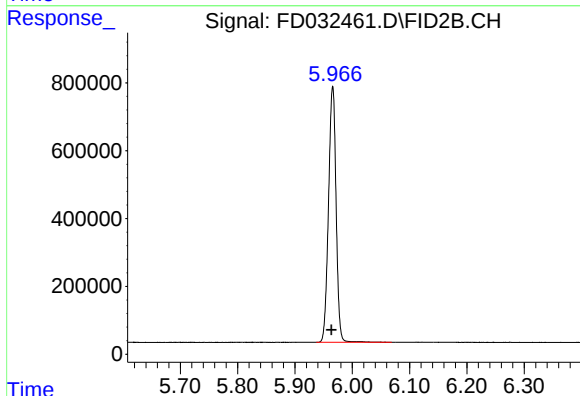




#1 1,2,3-Trimethylbenzene (C10.1)

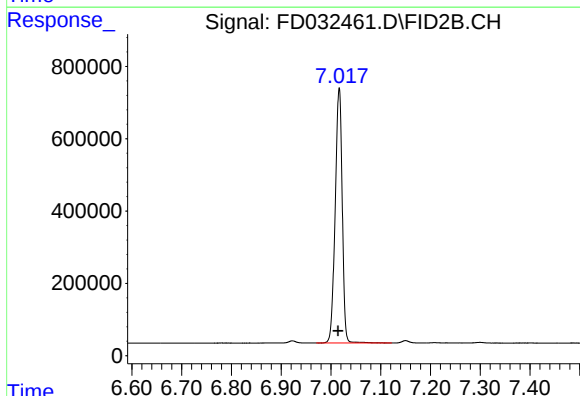
R.T.: 4.429 min
Delta R.T.: 0.002 min
Response: 6434549
Conc: 48.75 ug/ml

Instrument :
FID_D
ClientSampleId :



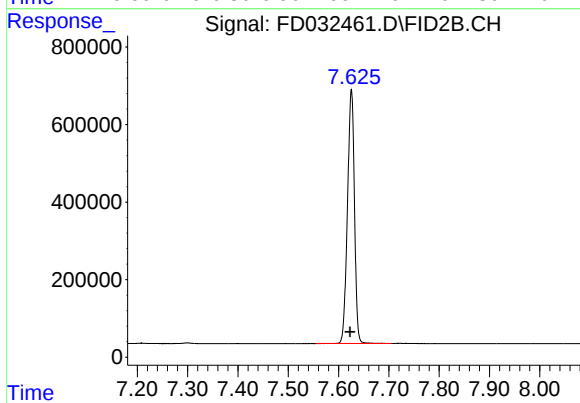
#2 Naphthalene (C11.7)

R.T.: 5.966 min
Delta R.T.: 0.002 min
Response: 6915141
Conc: 48.86 ug/ml



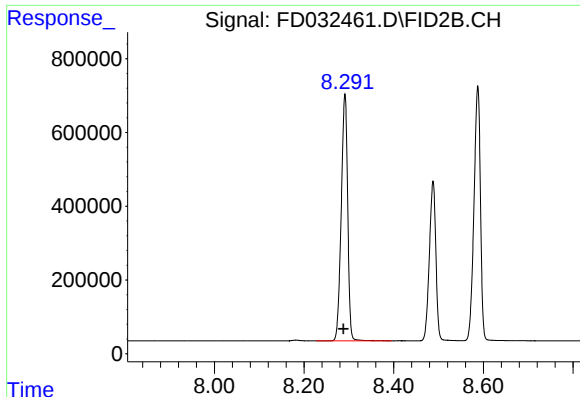
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.017 min
Delta R.T.: 0.002 min
Response: 6921729
Conc: 48.66 ug/ml



#4 2-Bromonaphthalene (SURR)

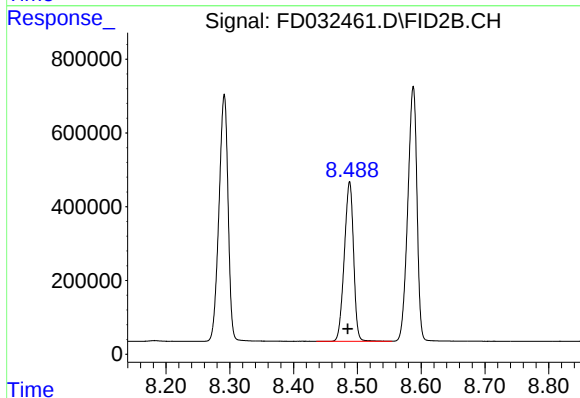
R.T.: 7.626 min
Delta R.T.: 0.002 min
Response: 6307337
Conc: 48.79 ug/ml



#5 Acenaphthylene (C15.06)

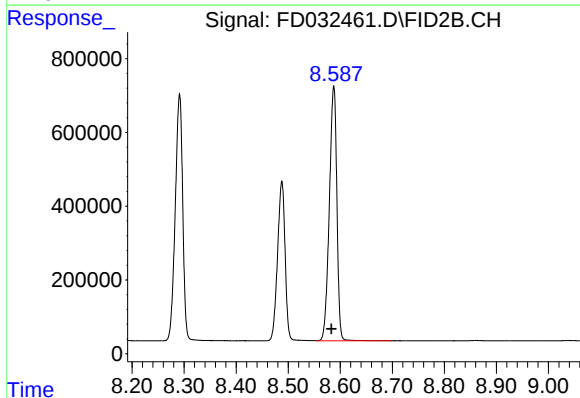
R.T.: 8.291 min
Delta R.T.: 0.003 min
Response: 6653299
Conc: 48.57 ug/ml

Instrument :
FID_D
ClientSampleId :



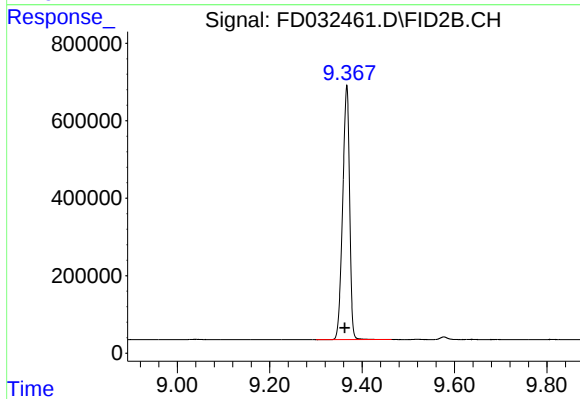
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.488 min
Delta R.T.: 0.003 min
Response: 4349595
Conc: 48.86 ug/ml



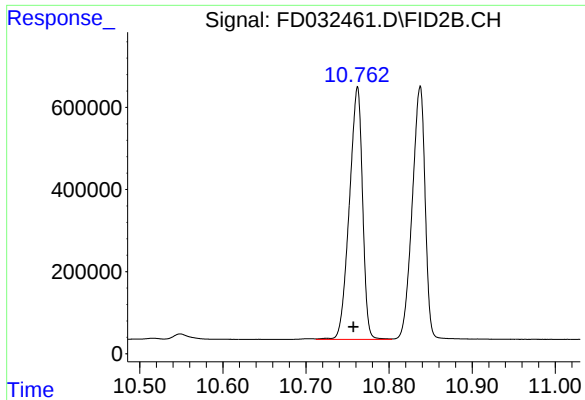
#7 Acenaphthene (C15.5)

R.T.: 8.588 min
Delta R.T.: 0.004 min
Response: 6912585
Conc: 48.77 ug/ml



#8 Fluorene (C16.55)

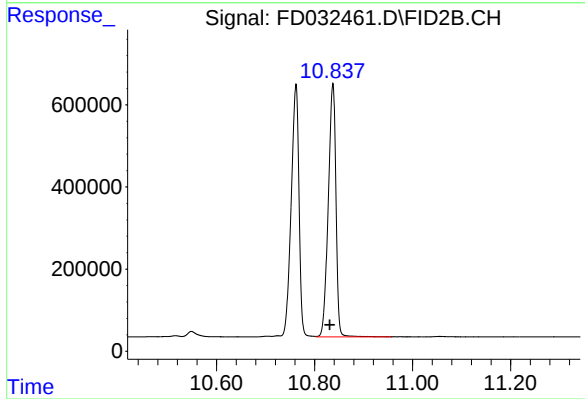
R.T.: 9.367 min
Delta R.T.: 0.004 min
Response: 6830098
Conc: 48.34 ug/ml



#9 Phenanthrene (C19.36)

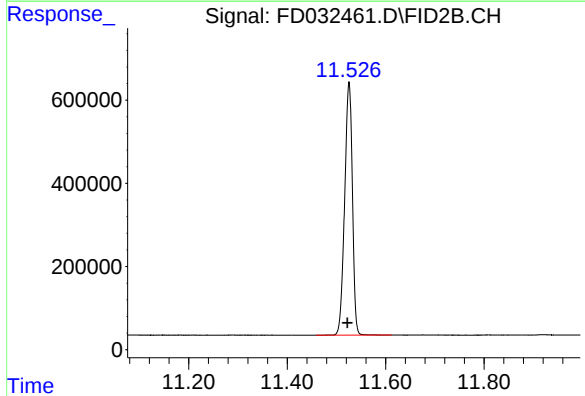
R.T.: 10.762 min
Delta R.T.: 0.005 min
Response: 6788614
Conc: 48.21 ug/ml

Instrument :
FID_D
ClientSampleId :



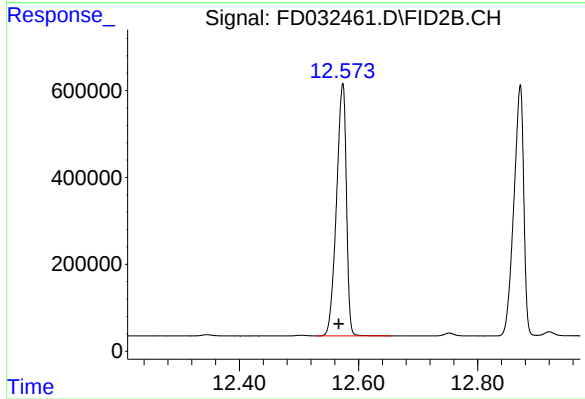
#10 Anthracene (C19.43)

R.T.: 10.837 min
Delta R.T.: 0.006 min
Response: 6669424
Conc: 47.56 ug/ml



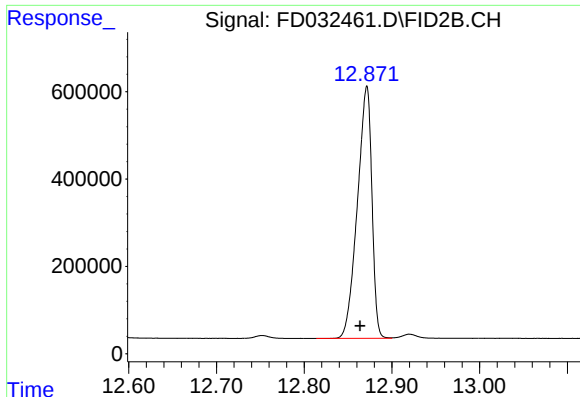
#11 ortho-Terphenyl (SURR)

R.T.: 11.526 min
Delta R.T.: 0.003 min
Response: 6641319
Conc: 47.92 ug/ml



#12 Fluoranthene (C21.85)

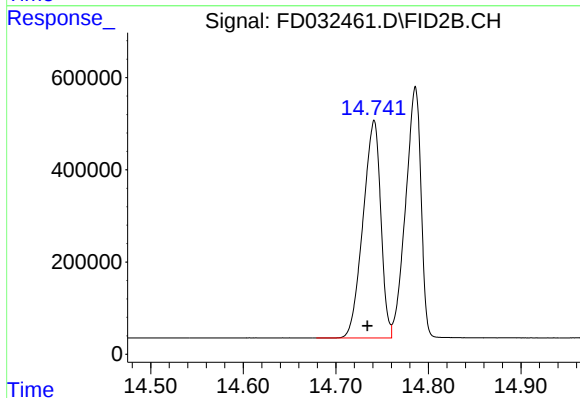
R.T.: 12.573 min
Delta R.T.: 0.006 min
Response: 6704190
Conc: 47.58 ug/ml



#13 Pyrene (C20.8)

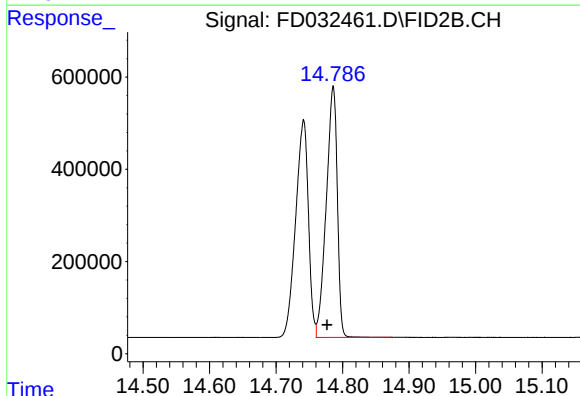
R.T.: 12.871 min
Delta R.T.: 0.008 min
Response: 6642504
Conc: 47.70 ug/ml

Instrument :
FID_D
ClientSampleId :



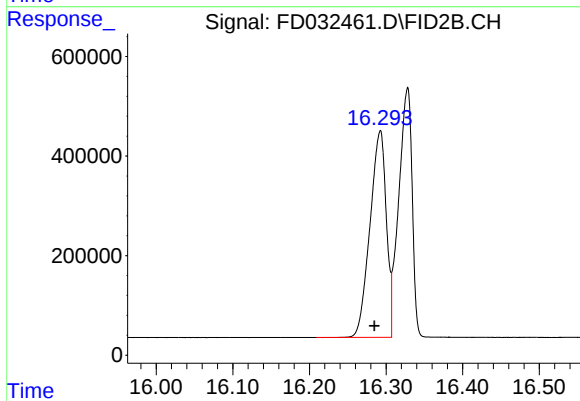
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.741 min
Delta R.T.: 0.007 min
Response: 6277370
Conc: 47.59 ug/ml



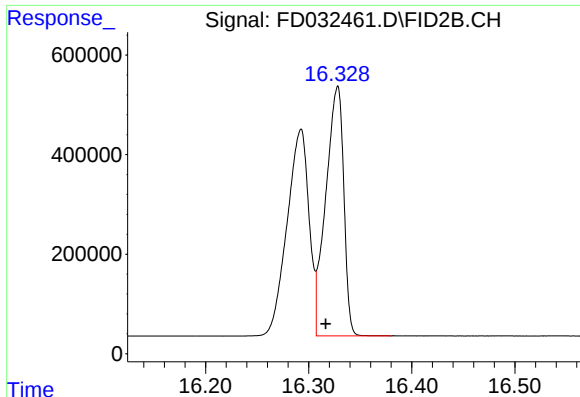
#15 Chrysene (C27.41)

R.T.: 14.786 min
Delta R.T.: 0.009 min
Response: 6290358
Conc: 46.78 ug/ml



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

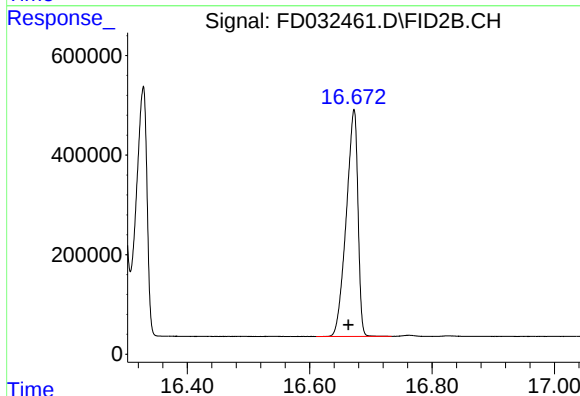
R.T.: 16.292 min
Delta R.T.: 0.008 min
Response: 6135531
Conc: 47.35 ug/ml



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

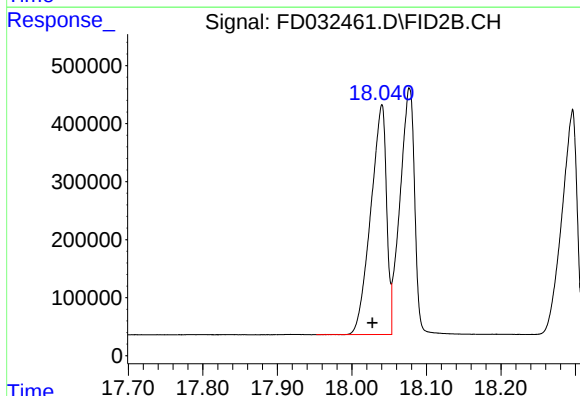
R.T.: 16.328 min
Delta R.T.: 0.012 min
Response: 6080776
Conc: 46.33 ug/ml

Instrument :
FID_D
ClientSampleId :



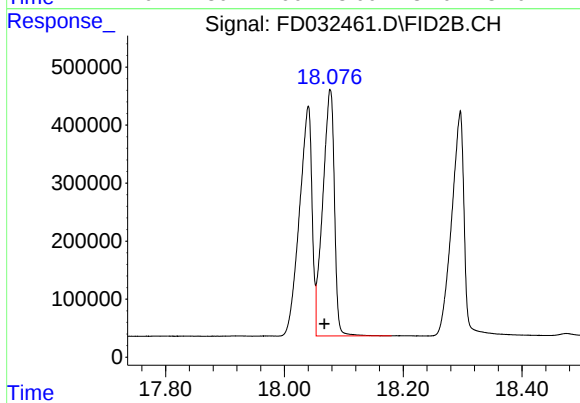
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.672 min
Delta R.T.: 0.009 min
Response: 6034502
Conc: 47.02 ug/ml



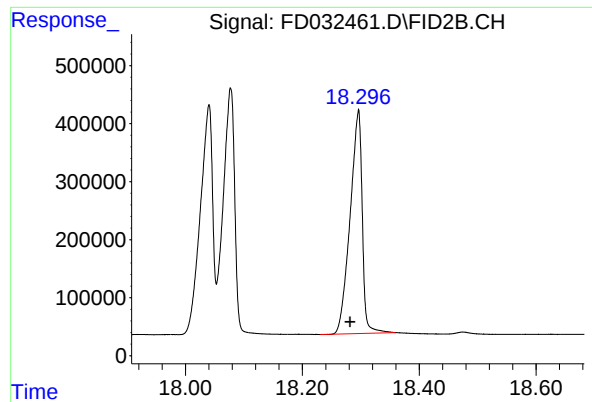
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.040 min
Delta R.T.: 0.012 min
Response: 5843381
Conc: 49.07 ug/ml



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

R.T.: 18.077 min
Delta R.T.: 0.010 min
Response: 5782964
Conc: 45.18 ug/ml



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

R.T.: 18.296 min
Delta R.T.: 0.014 min
Response: 5552723
Conc: 46.91 ug/ml

Instrument :
FID_D
ClientSampleId :