

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042320AR\
 Data File : FD033183.D
 Signal(s) : FID2B.CH
 Acq On : 24 Apr 2020 12:56
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 24 13:26:35 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 040620.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 07 02:14:39 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...	7.595	2880642	19.634 ug/ml
Spiked Amount 50.000		Recovery =	39.27%
6) S 2-Fluorobiphenyl (SURR)	8.457	1865181	19.119 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.24%
11) S ortho-Terphenyl (SURR)	11.489	2920587	18.275 ug/ml
Spiked Amount 50.000		Recovery =	36.55%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.400	2536698	16.331 ug/ml
2) T Naphthalene (C11.7)	5.936	3265419	20.013 ug/ml
3) T 2-Methylnaphthalene (...)	6.986	3179192	19.701 ug/ml
5) T Acenaphthylene (C15.06)	8.259	2960467	19.138 ug/ml
7) T Acenaphthene (C15.5)	8.554	3097514	19.250 ug/ml
8) T Flouorene (C16.55)	9.334	2950374	18.978 ug/ml
9) T Phenanthrene (C19.36)	10.728	2823034	18.022 ug/ml
10) T Anthracene (C19.43)	10.803	2649555	17.395 ug/ml
12) T Fluoranthene (C21.85)	12.539	2757378	17.496 ug/ml
13) T Pyrene (C20.8)	12.835	2727397	17.465 ug/ml
14) T Benzo[a]anthracene (C...	14.748	2721531	19.119 ug/ml
15) T Chrysene (C27.41)	14.748	2721531	18.444 ug/ml
16) T benzo[b]fluoranthene ...	16.292	2754696	20.183 ug/ml
17) T Bnezo[k]fluoranthene ...	16.292	2754696	20.015 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.639	2733508	20.635 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.044	2827548	23.425 ug/ml
20) T Dibenz[a,h]anthracene...	18.044	2827548	22.571 ug/ml
21) T Benzo[g,h,i]perylene ...	18.263	2724761	22.514 ug/ml

(f)=RT Delta > 1/2 Window

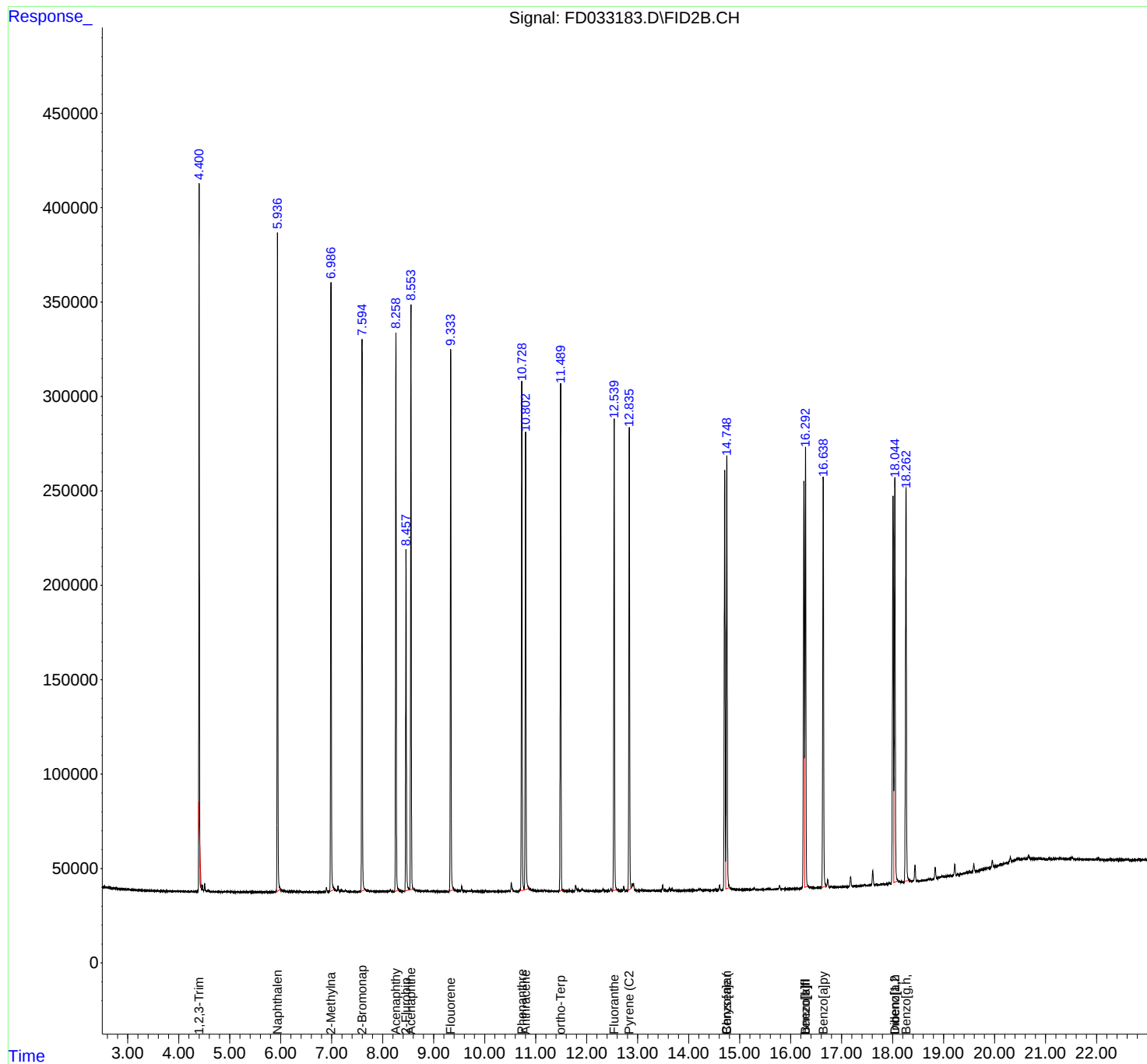
(m)=manual int.

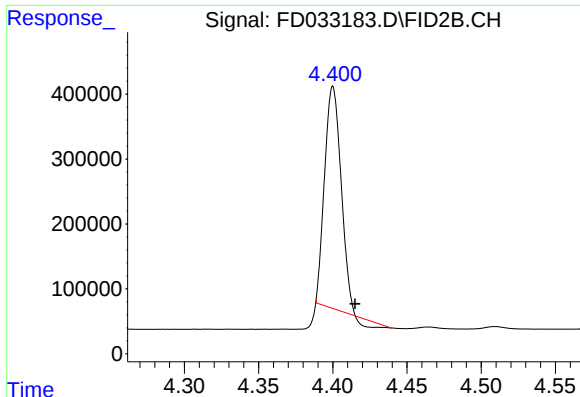
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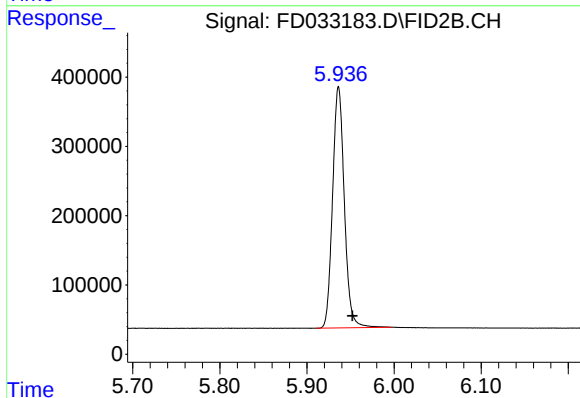




#1 1,2,3-Trimethylbenzene (C10.1)

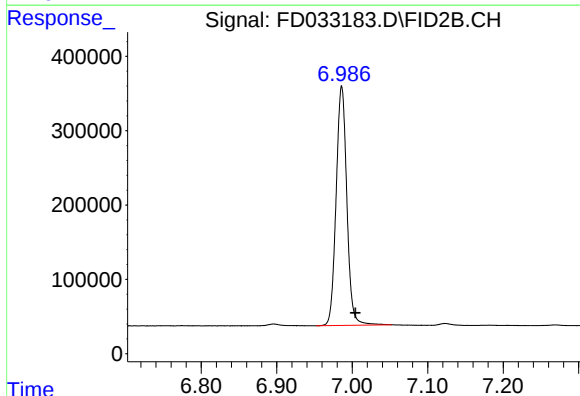
R.T.: 4.400 min
Delta R.T.: -0.015 min
Response: 2536698
Conc: 16.33 ug/ml

Instrument :
FID_D
ClientSampleId :



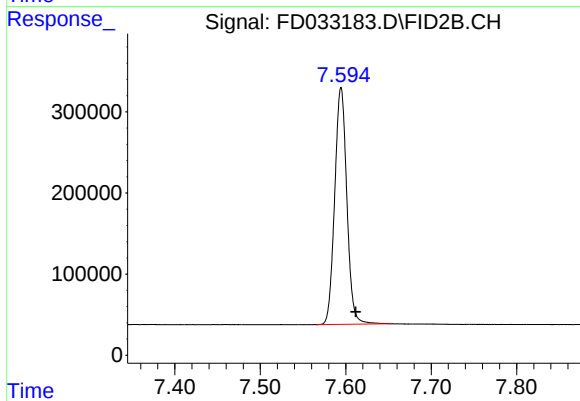
#2 Naphthalene (C11.7)

R.T.: 5.936 min
Delta R.T.: -0.016 min
Response: 3265419
Conc: 20.01 ug/ml



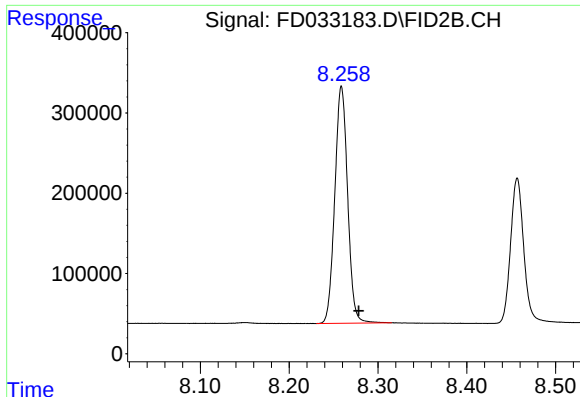
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.986 min
Delta R.T.: -0.018 min
Response: 3179192
Conc: 19.70 ug/ml



#4 2-Bromonaphthalene (SURR)

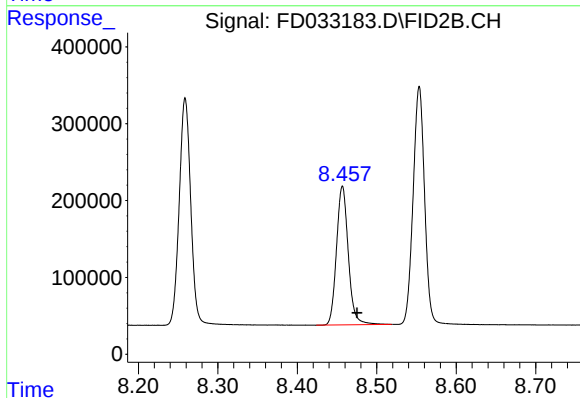
R.T.: 7.595 min
Delta R.T.: -0.017 min
Response: 2880642
Conc: 19.63 ug/ml



#5 Acenaphthylene (C15.06)

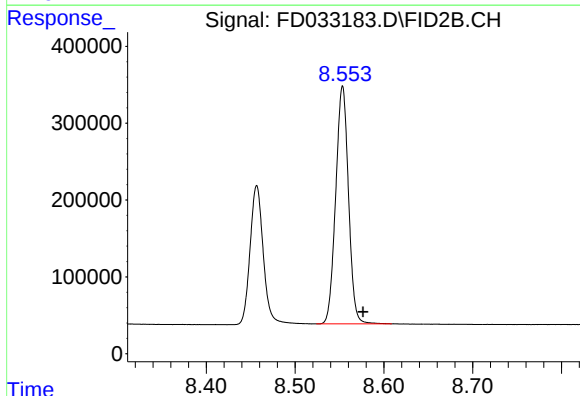
R.T.: 8.259 min
Delta R.T.: -0.020 min
Response: 2960467
Conc: 19.14 ug/ml

Instrument :
FID_D
ClientSampleId :



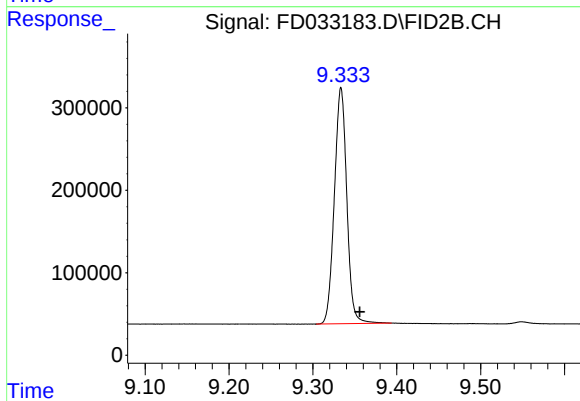
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.457 min
Delta R.T.: -0.018 min
Response: 1865181
Conc: 19.12 ug/ml



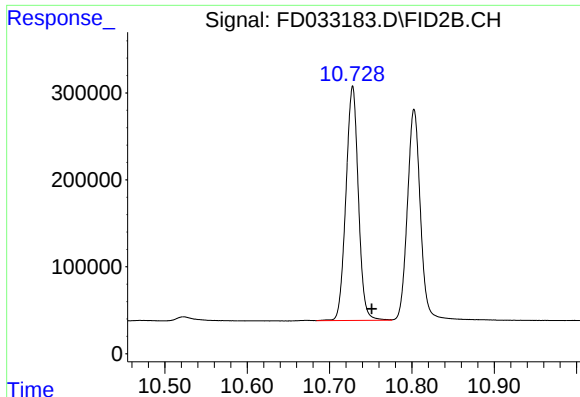
#7 Acenaphthene (C15.5)

R.T.: 8.554 min
Delta R.T.: -0.023 min
Response: 3097514
Conc: 19.25 ug/ml



#8 Flouorene (C16.55)

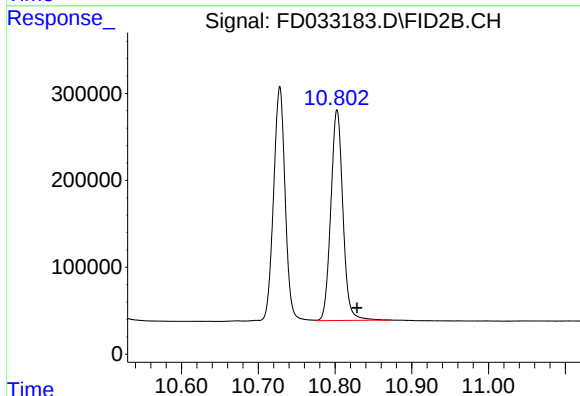
R.T.: 9.334 min
Delta R.T.: -0.022 min
Response: 2950374
Conc: 18.98 ug/ml



#9 Phenanthrene (C19.36)

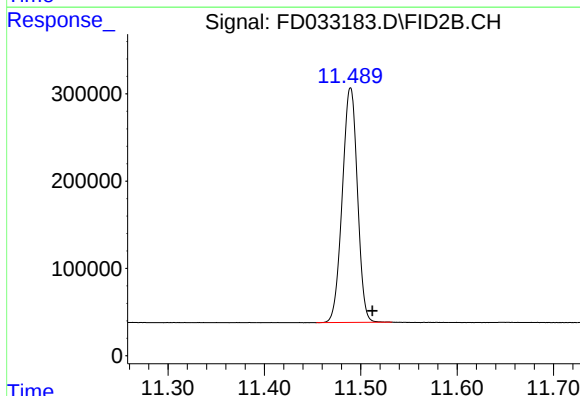
R.T.: 10.728 min
Delta R.T.: -0.023 min
Response: 2823034
Conc: 18.02 ug/ml

Instrument :
FID_D
ClientSampleId :



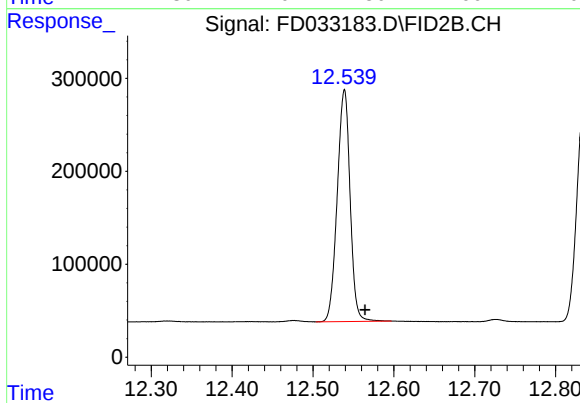
#10 Anthracene (C19.43)

R.T.: 10.803 min
Delta R.T.: -0.026 min
Response: 2649555
Conc: 17.40 ug/ml



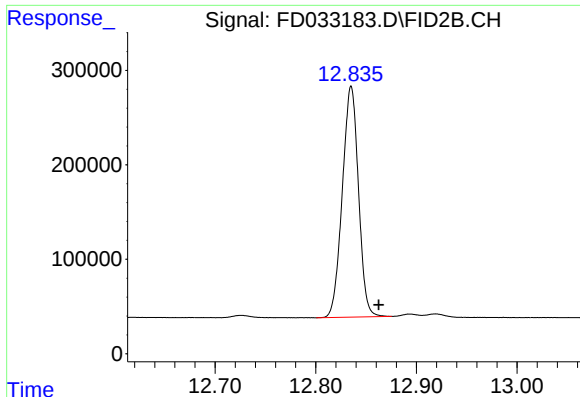
#11 ortho-Terphenyl (SURR)

R.T.: 11.489 min
Delta R.T.: -0.023 min
Response: 2920587
Conc: 18.28 ug/ml



#12 Fluoranthene (C21.85)

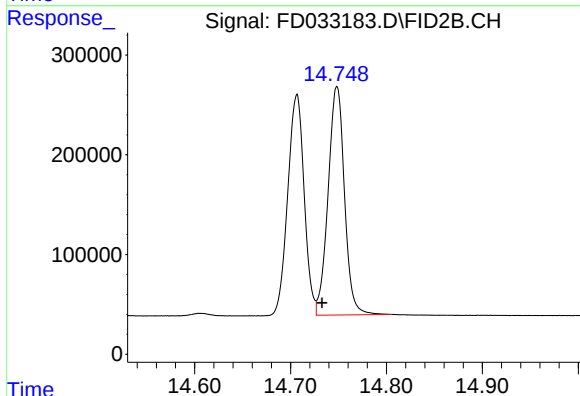
R.T.: 12.539 min
Delta R.T.: -0.026 min
Response: 2757378
Conc: 17.50 ug/ml



#13 Pyrene (C20.8)

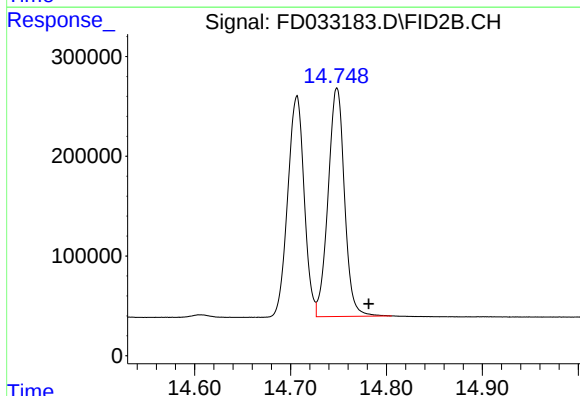
R.T.: 12.835 min
Delta R.T.: -0.027 min
Response: 2727397
Conc: 17.47 ug/ml

Instrument :
FID_D
ClientSampleId :



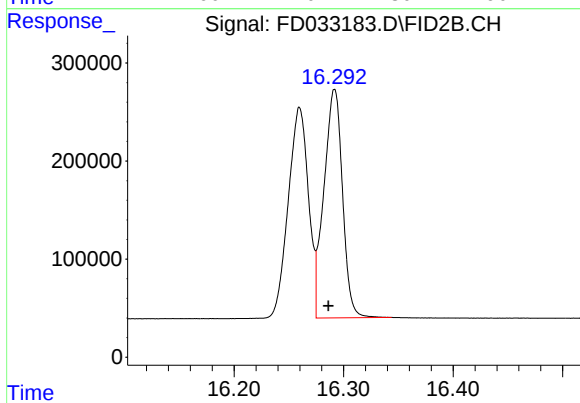
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.748 min
Delta R.T.: 0.016 min
Response: 2721531
Conc: 19.12 ug/ml



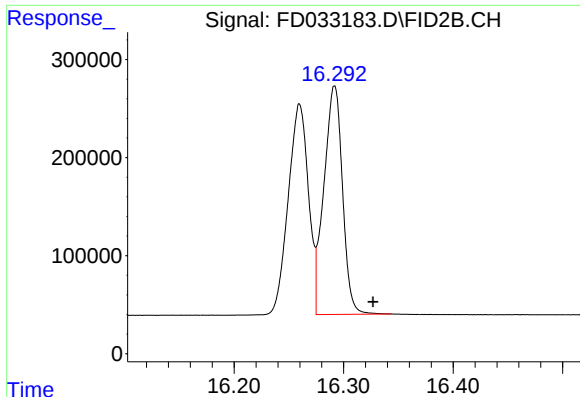
#15 Chrysene (C27.41)

R.T.: 14.748 min
Delta R.T.: -0.033 min
Response: 2721531
Conc: 18.44 ug/ml



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

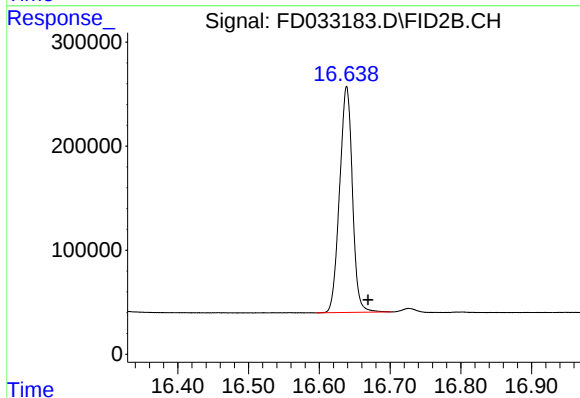
R.T.: 16.292 min
Delta R.T.: 0.006 min
Response: 2754696
Conc: 20.18 ug/ml



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

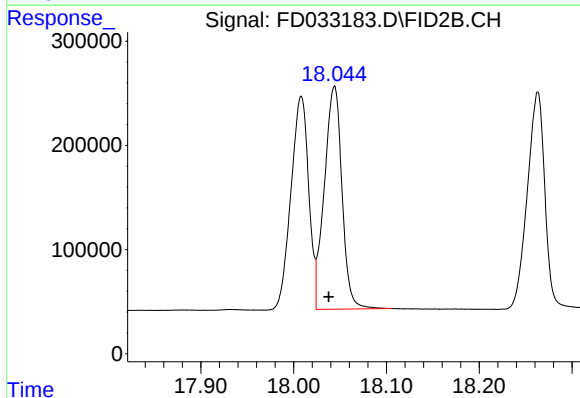
R.T.: 16.292 min
Delta R.T.: -0.035 min
Response: 2754696
Conc: 20.01 ug/ml

Instrument :
FID_D
ClientSampleId :



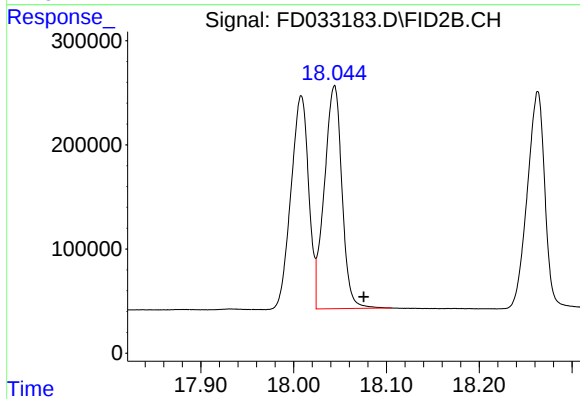
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.639 min
Delta R.T.: -0.030 min
Response: 2733508
Conc: 20.63 ug/ml



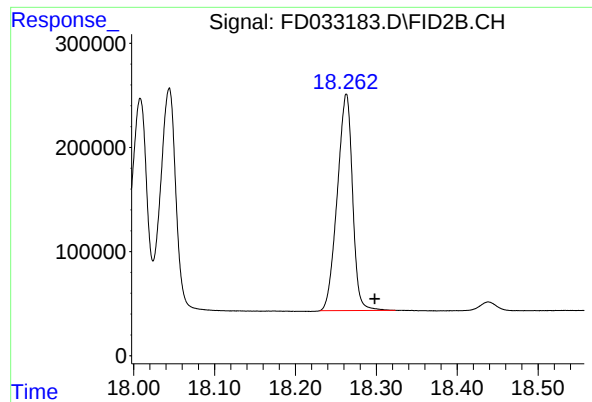
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.044 min
Delta R.T.: 0.006 min
Response: 2827548
Conc: 23.43 ug/ml



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

R.T.: 18.044 min
Delta R.T.: -0.032 min
Response: 2827548
Conc: 22.57 ug/ml



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

R.T.: 18.263 min
Delta R.T.: -0.035 min
Response: 2724761
Conc: 22.51 ug/ml

Instrument :
FID_D
ClientSampleId :