

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110320AR\
 Data File : FD035286.D
 Signal(s) : FID2B.CH
 Acq On : 04 Nov 2020 00:07
 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: Nov 04 00:48:52 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 110220.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 03 10:20:32 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...	7.640	2288301	19.730 ug/ml
Spiked Amount 50.000		Recovery =	39.46%
6) S 2-Fluorobiphenyl (SURR)	8.505	1564101	19.437 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.87%
11) S ortho-Terphenyl (SURR)	11.543	2636070	18.969 ug/ml
Spiked Amount 50.000		Recovery =	37.94%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.439	2570475	19.928 ug/ml
2) T Naphthalene (C11.7)	5.979	2689232	19.861 ug/ml
3) T 2-Methylnaphthalene (...)	7.031	2693231	19.758 ug/ml
5) T Acenaphthylene (C15.06)	8.307	2572734	19.084 ug/ml
7) T Acenaphthene (C15.5)	8.602	2678024	19.291 ug/ml
8) T Fluorene (C16.55)	9.383	2561642	19.319 ug/ml
9) T Phenanthrene (C19.36)	10.780	2521877	19.078 ug/ml
10) T Anthracene (C19.43)	10.855	2540596	18.791 ug/ml
12) T Fluoranthene (C21.85)	12.592	2486524	18.509 ug/ml
13) T Pyrene (C20.8)	12.889	2376229	17.868 ug/ml
14) T Benzo[a]anthracene (C...	14.760	2141846	17.999 ug/ml
15) T Chrysene (C27.41)	14.803	2317793	17.500 ug/ml
16) T benzo[b]fluoranthene ...	16.312	2110949	17.863 ug/ml
17) T Bnezo[k]fluoranthene ...	16.343	2105743	17.302 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.690	1919533	17.551 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.057	1961188	19.189 ug/ml
20) T Dibenz[a,h]anthracene...	18.092	2116845	18.507 ug/ml
21) T Benzo[g,h,i]perylene ...	18.310	2051993	19.166 ug/ml

(f)=RT Delta > 1/2 Window

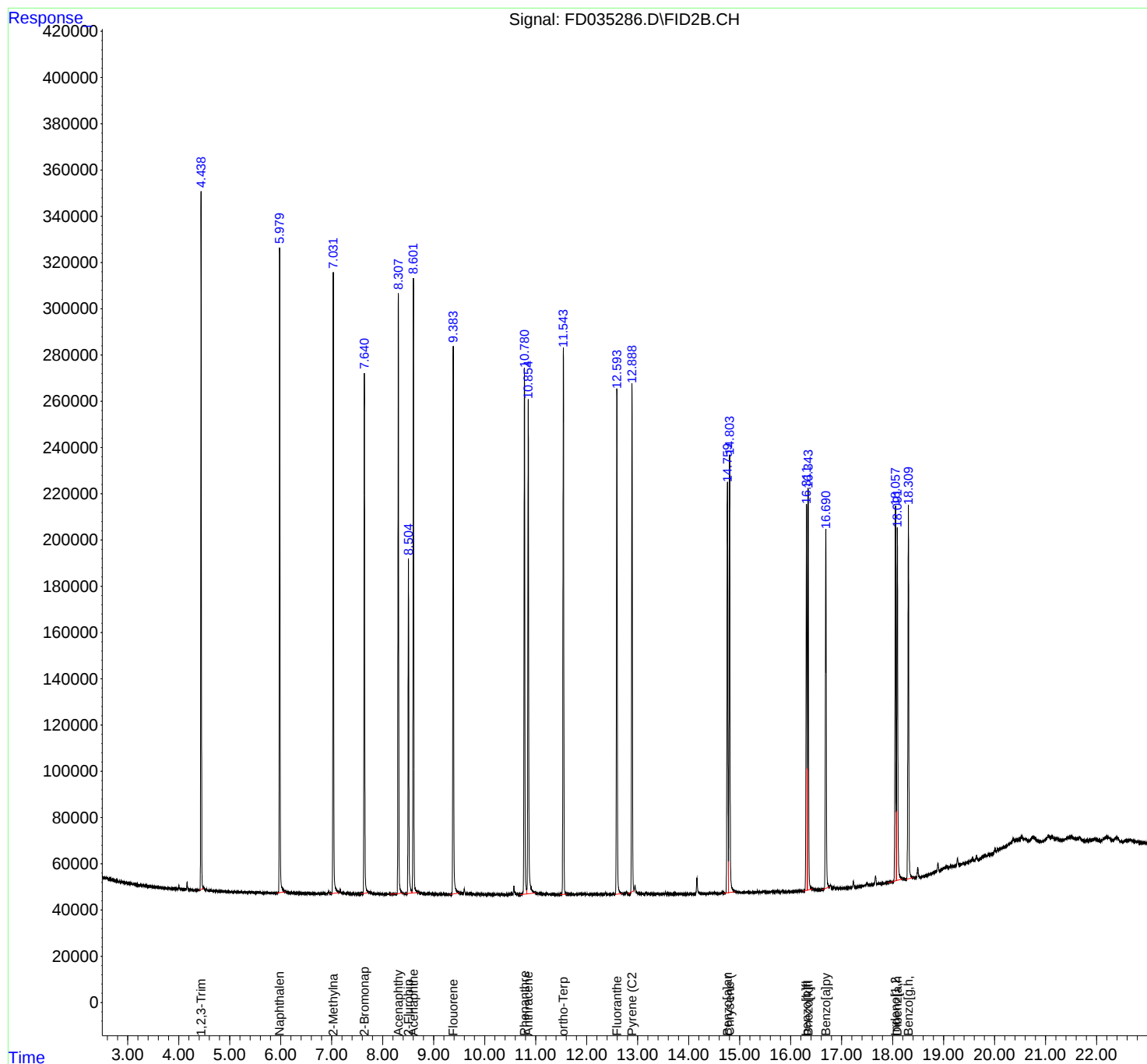
(m)=manual int.

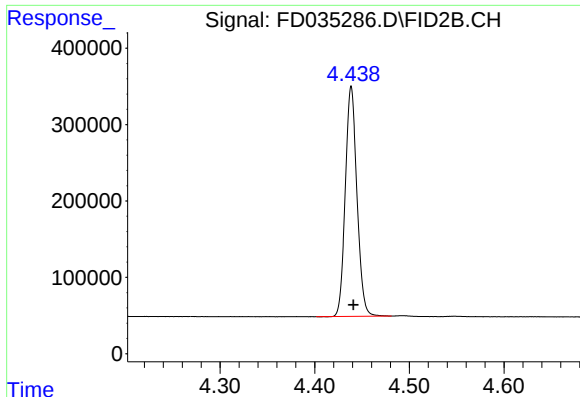
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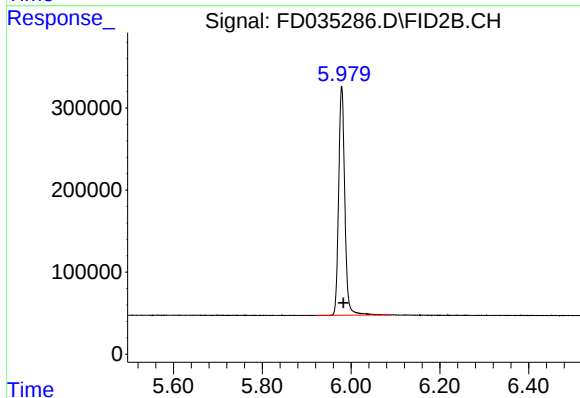




#1 1,2,3-Trimethylbenzene (C10.1)

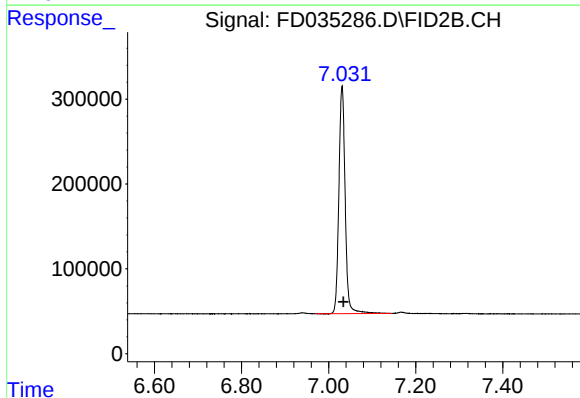
R.T.: 4.439 min
Delta R.T.: -0.002 min
Response: 2570475
Conc: 19.93 ug/ml

Instrument :
FID_D
ClientSampleId :



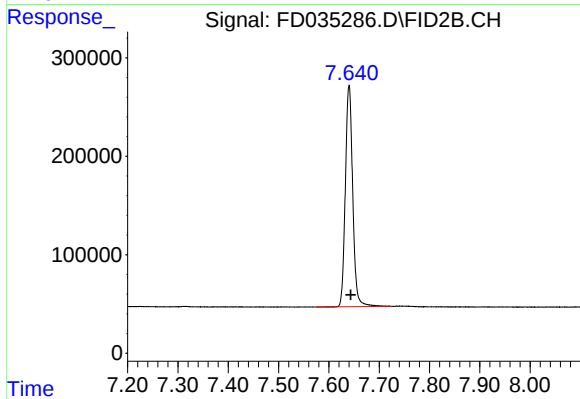
#2 Naphthalene (C11.7)

R.T.: 5.979 min
Delta R.T.: -0.003 min
Response: 2689232
Conc: 19.86 ug/ml



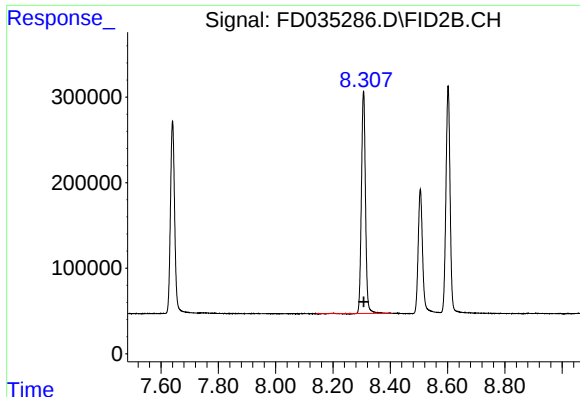
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.031 min
Delta R.T.: -0.003 min
Response: 2693231
Conc: 19.76 ug/ml



#4 2-Bromonaphthalene (SURR)

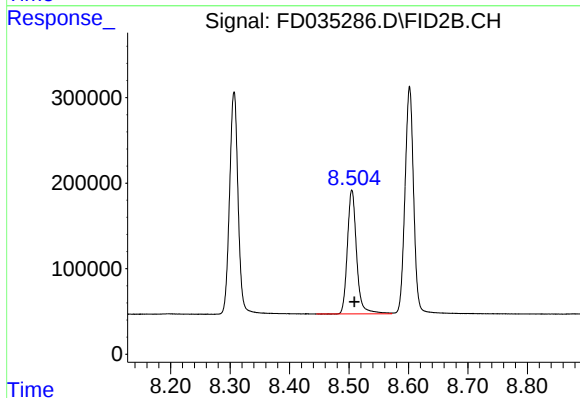
R.T.: 7.640 min
Delta R.T.: -0.003 min
Response: 2288301
Conc: 19.73 ug/ml



#5 Acenaphthylene (C15.06)

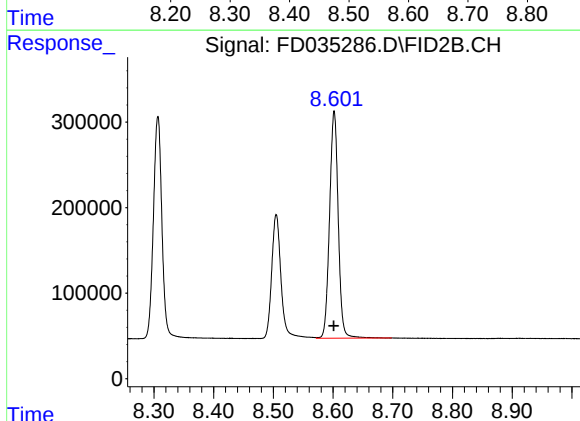
R.T.: 8.307 min
Delta R.T.: 0.000 min
Response: 2572734
Conc: 19.08 ug/ml

Instrument :
FID_D
ClientSampleId :



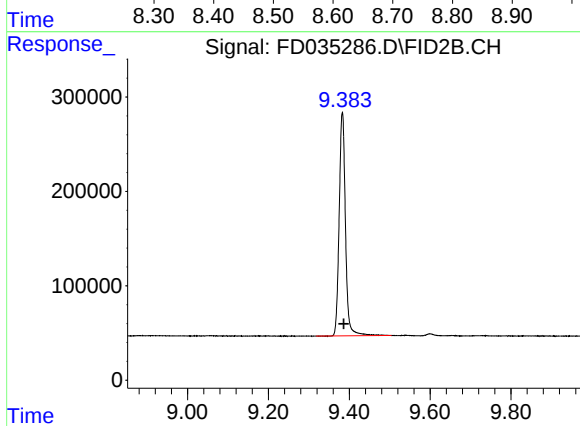
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.505 min
Delta R.T.: -0.004 min
Response: 1564101
Conc: 19.44 ug/ml



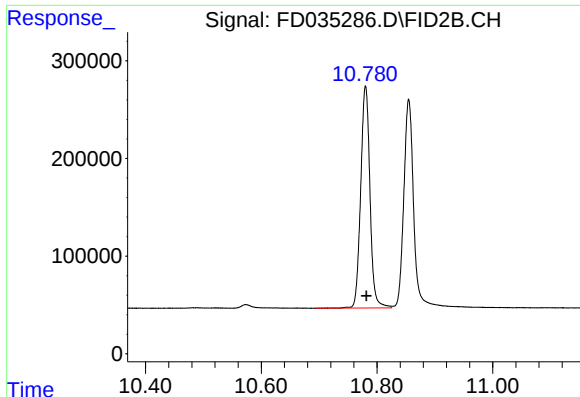
#7 Acenaphthene (C15.5)

R.T.: 8.602 min
Delta R.T.: 0.000 min
Response: 2678024
Conc: 19.29 ug/ml



#8 Fluorene (C16.55)

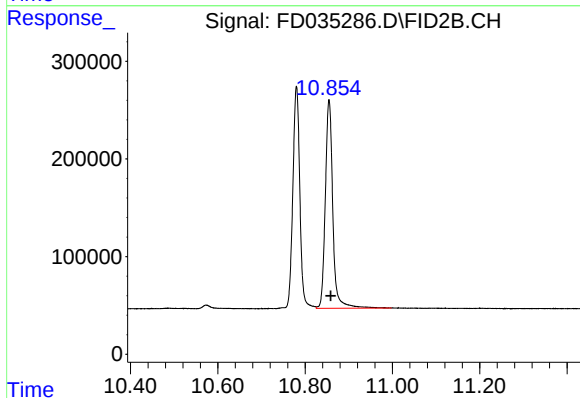
R.T.: 9.383 min
Delta R.T.: -0.004 min
Response: 2561642
Conc: 19.32 ug/ml



#9 Phenanthrene (C19.36)

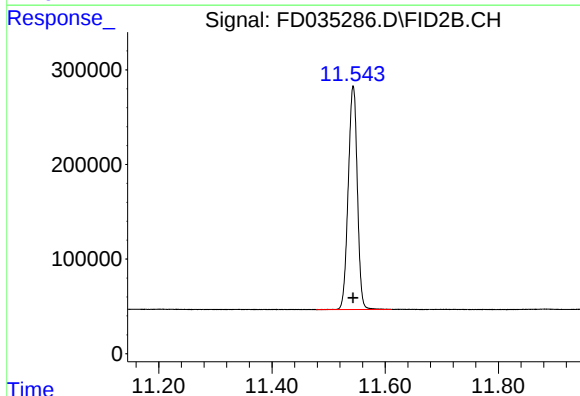
R.T.: 10.780 min
Delta R.T.: -0.001 min
Response: 2521877
Conc: 19.08 ug/ml

Instrument :
FID_D
ClientSampleId :



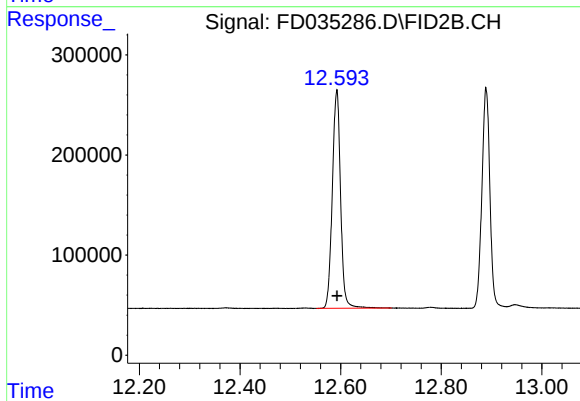
#10 Anthracene (C19.43)

R.T.: 10.855 min
Delta R.T.: -0.004 min
Response: 2540596
Conc: 18.79 ug/ml



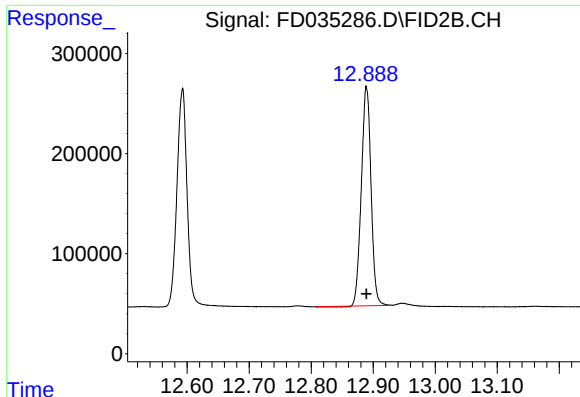
#11 ortho-Terphenyl (SURR)

R.T.: 11.543 min
Delta R.T.: 0.000 min
Response: 2636070
Conc: 18.97 ug/ml



#12 Fluoranthene (C21.85)

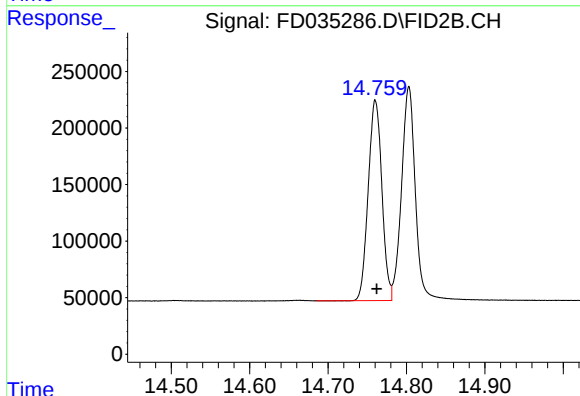
R.T.: 12.592 min
Delta R.T.: 0.000 min
Response: 2486524
Conc: 18.51 ug/ml



#13 Pyrene (C20.8)

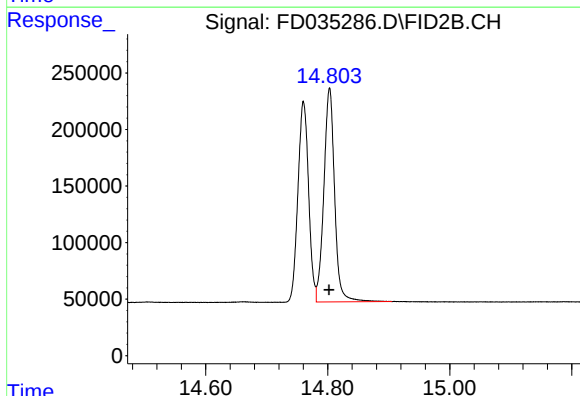
R.T.: 12.889 min
Delta R.T.: 0.000 min
Response: 2376229
Conc: 17.87 ug/ml

Instrument :
FID_D
ClientSampleId :



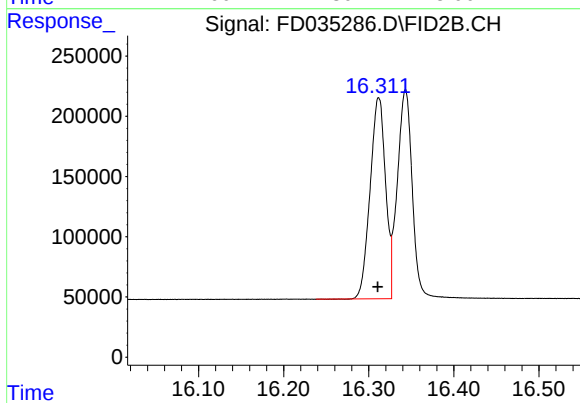
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.760 min
Delta R.T.: -0.002 min
Response: 2141846
Conc: 18.00 ug/ml



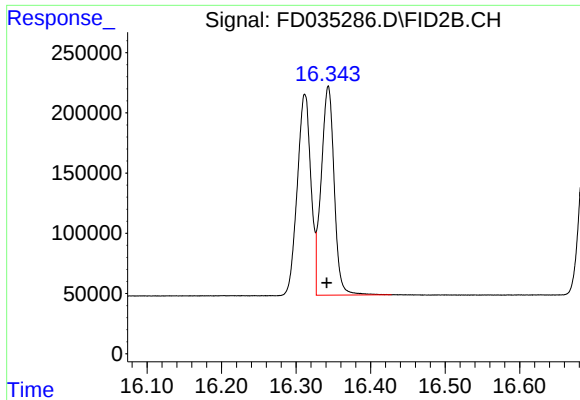
#15 Chrysene (C27.41)

R.T.: 14.803 min
Delta R.T.: 0.000 min
Response: 2317793
Conc: 17.50 ug/ml



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

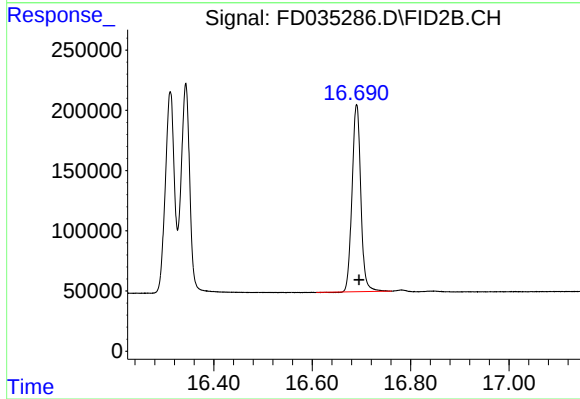
R.T.: 16.312 min
Delta R.T.: 0.000 min
Response: 2110949
Conc: 17.86 ug/ml



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

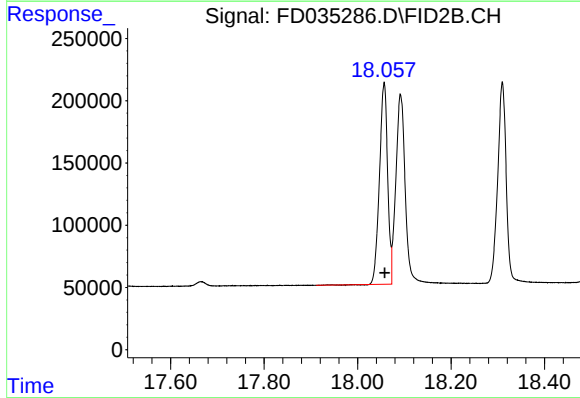
R.T.: 16.343 min
Delta R.T.: 0.002 min
Response: 2105743
Conc: 17.30 ug/ml

Instrument :
FID_D
ClientSampleId :



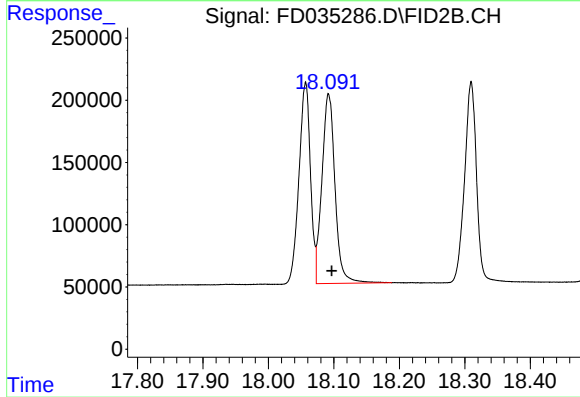
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.690 min
Delta R.T.: -0.005 min
Response: 1919533
Conc: 17.55 ug/ml



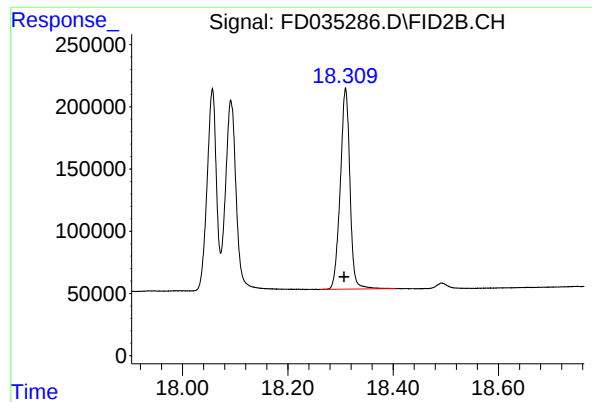
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.057 min
Delta R.T.: -0.001 min
Response: 1961188
Conc: 19.19 ug/ml



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

R.T.: 18.092 min
Delta R.T.: -0.005 min
Response: 2116845
Conc: 18.51 ug/ml



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

R.T.: 18.310 min
Delta R.T.: 0.003 min
Response: 2051993
Conc: 19.17 ug/ml

Instrument :
FID_D
ClientSampleId :