

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110322AR\
 Data File : FD044388.D
 Signal(s) : FID2B.ch
 Acq On : 03 Nov 2022 20:37
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Nov 04 06:02:54 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 110322.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 04 06:01:26 2022
 Response via : Initial Calibration
 Integrator: ChemStation

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...	7.714	2464873	18.215 ug/ml
Spiked Amount 50.000		Recovery =	36.43%
6) S 2-Fluorobiphenyl (SURR)	8.577	1704575	18.176 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	36.35%
11) S ortho-Terphenyl (SURR)	11.615	3147888	18.347 ug/ml
Spiked Amount 50.000		Recovery =	36.69%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.515	2654812	18.214 ug/ml
2) T Naphthalene (C11.7)	6.054	2831958	18.189 ug/ml
3) T 2-Methylnaphthalene (...)	7.105	2871648	18.176 ug/ml
5) T Acenaphthylene (C15.06)	8.381	2713719	17.996 ug/ml
7) T Acenaphthene (C15.5)	8.676	2814336	18.188 ug/ml
8) T Flouorene (C16.55)	9.456	2799992	18.206 ug/ml
9) T Phenanthrene (C19.36)	10.851	2759663	18.351 ug/ml
10) T Anthracene (C19.43)	10.924	2688408	18.349 ug/ml
12) T Fluoranthene (C21.85)	12.658	2785153	18.327 ug/ml
13) T Pyrene (C20.8)	12.955	2728163	18.353 ug/ml
14) T Benzo[a]anthracene (C...	14.821	2556376	18.264 ug/ml
15) T Chrysene (C27.41)	14.864	2669528	18.228 ug/ml
16) T benzo[b]fluoranthene ...	16.367	2617620	18.201 ug/ml
17) T Bnezo[k]fluoranthene ...	16.399	2593437	18.240 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.745	2548963	18.219 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.102	2455237	18.007 ug/ml
20) T Dibenz[a,h]anthracene...	18.143	2454797	18.224 ug/ml
21) T Benzo[g,h,i]perylene ...	18.356	2477478	18.149 ug/ml

(f)=RT Delta > 1/2 Window

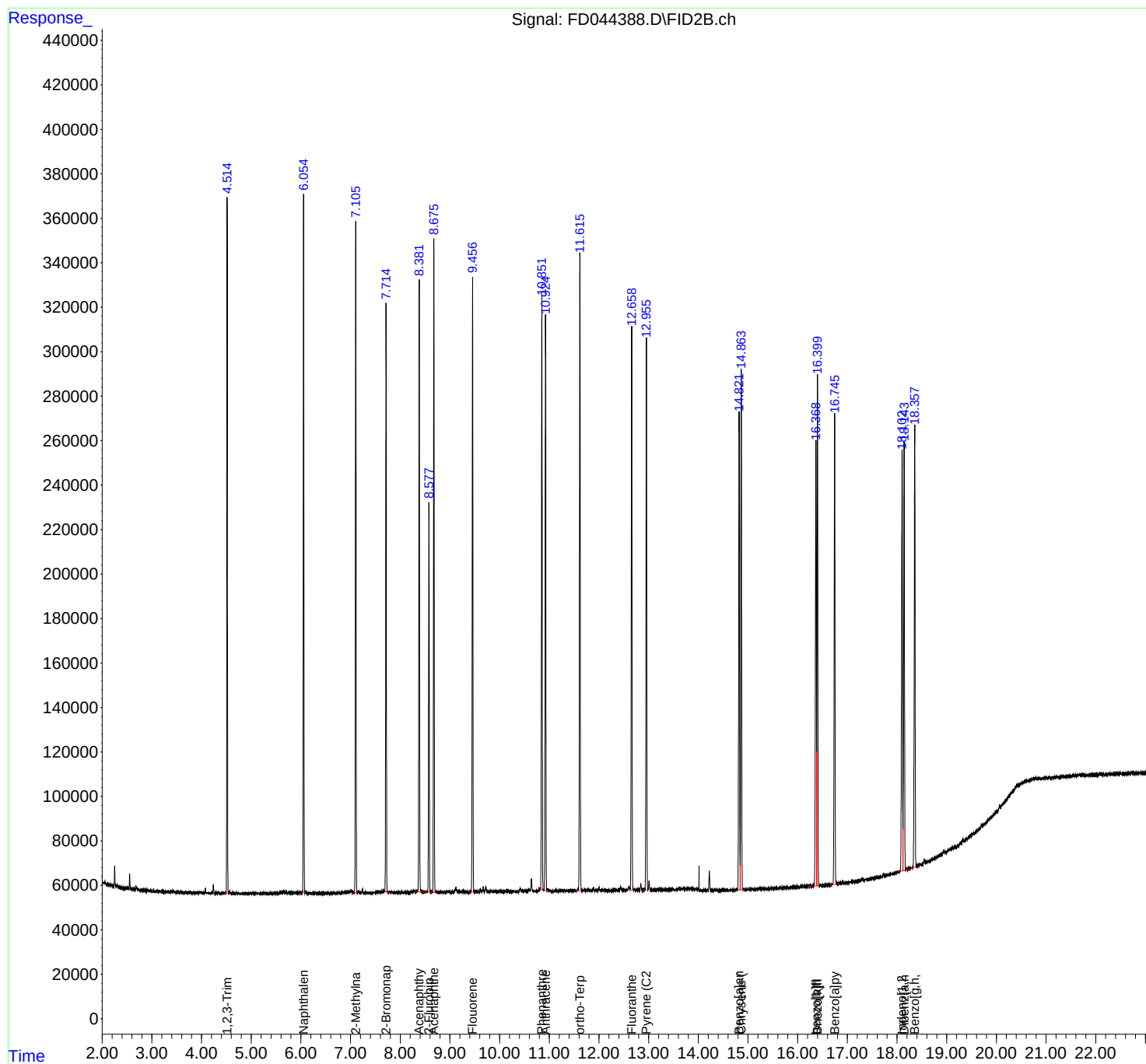
(m)=manual int.

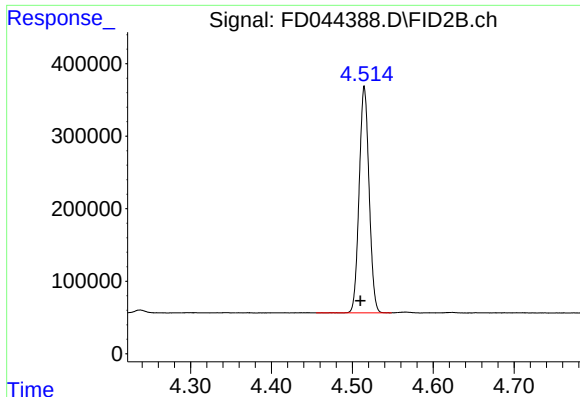
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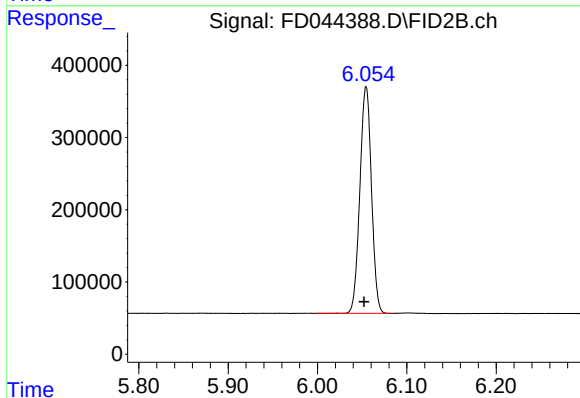




#1 1,2,3-Trimethylbenzene (C10.1)

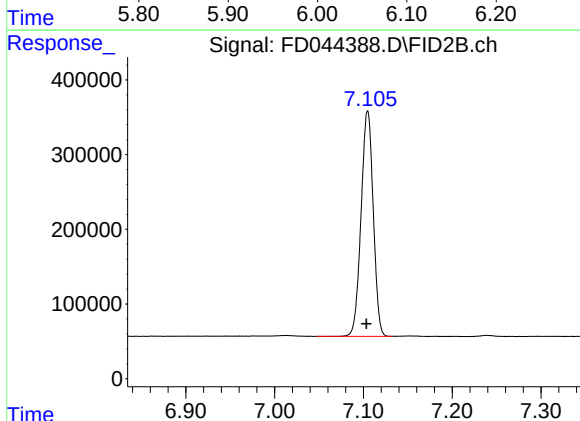
R.T.: 4.515 min
Delta R.T.: 0.005 min
Response: 2654812
Conc: 18.21 ug/ml

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20 PPM AROMATIC HC STD ICV



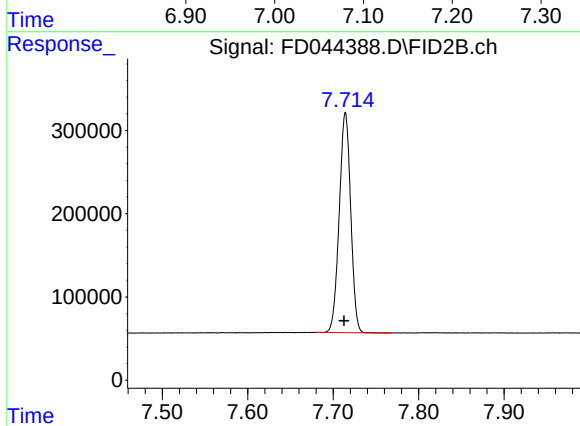
#2 Naphthalene (C11.7)

R.T.: 6.054 min
Delta R.T.: 0.002 min
Response: 2831958
Conc: 18.19 ug/ml



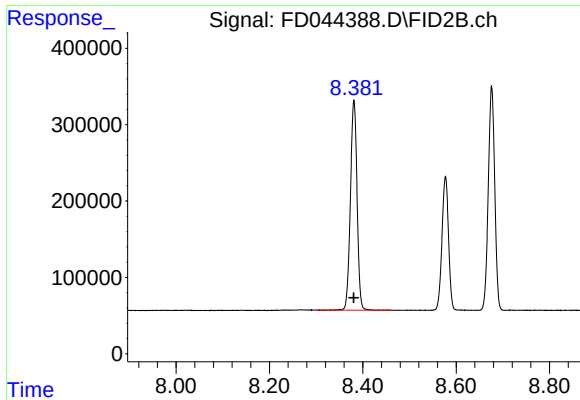
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.105 min
Delta R.T.: 0.001 min
Response: 2871648
Conc: 18.18 ug/ml



#4 2-Bromonaphthalene (SURR)

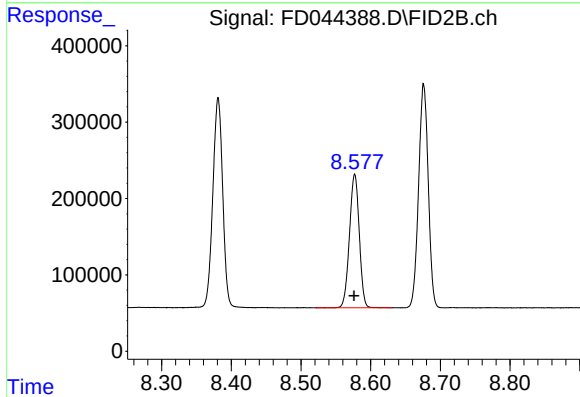
R.T.: 7.714 min
Delta R.T.: 0.002 min
Response: 2464873
Conc: 18.22 ug/ml



#5 Acenaphthylene (C15.06)

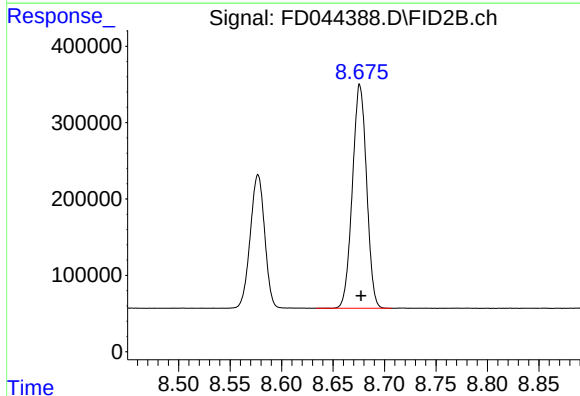
R.T.: 8.381 min
Delta R.T.: 0.000 min
Response: 2713719
Conc: 18.00 ug/ml

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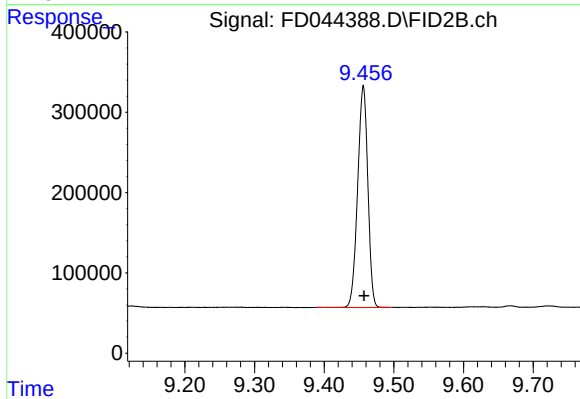
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.577 min
Delta R.T.: 0.000 min
Response: 1704575
Conc: 18.18 ug/ml



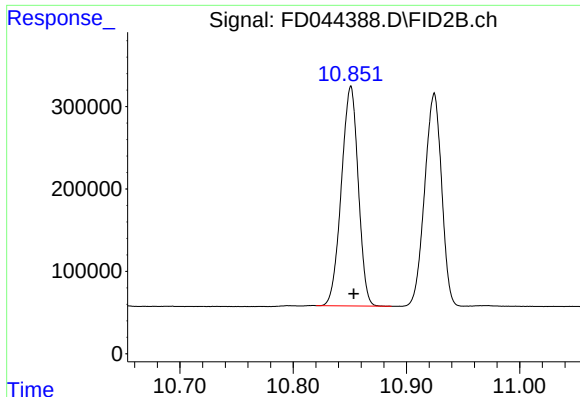
#7 Acenaphthene (C15.5)

R.T.: 8.676 min
Delta R.T.: -0.001 min
Response: 2814336
Conc: 18.19 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.456 min
Delta R.T.: -0.001 min
Response: 2799992
Conc: 18.21 ug/ml



#9 Phenanthrene (C19.36)

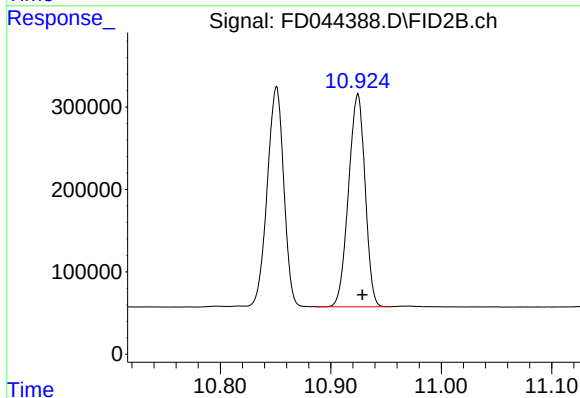
R.T.: 10.851 min
Delta R.T.: -0.003 min
Response: 2759663
Conc: 18.35 ug/ml

Instrument :

FID_D

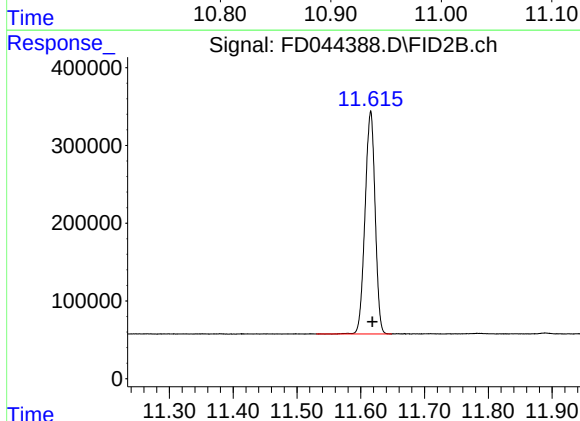
ClientSampleId :

20 PPM AROMATIC HC STD ICV



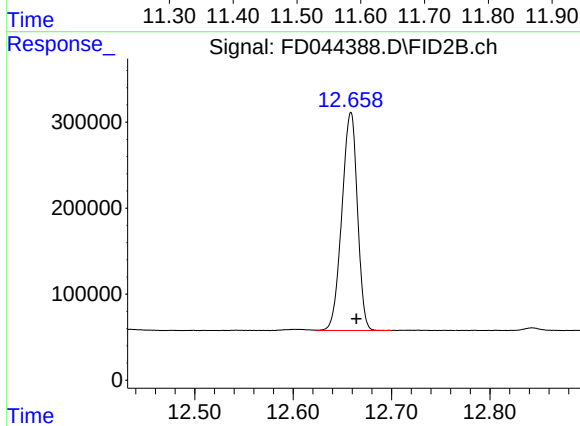
#10 Anthracene (C19.43)

R.T.: 10.924 min
Delta R.T.: -0.004 min
Response: 2688408
Conc: 18.35 ug/ml



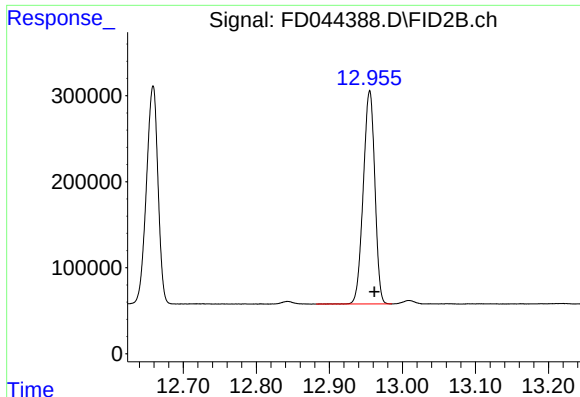
#11 ortho-Terphenyl (SURR)

R.T.: 11.615 min
Delta R.T.: -0.003 min
Response: 3147888
Conc: 18.35 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.658 min
Delta R.T.: -0.006 min
Response: 2785153
Conc: 18.33 ug/ml



#13 Pyrene (C20.8)

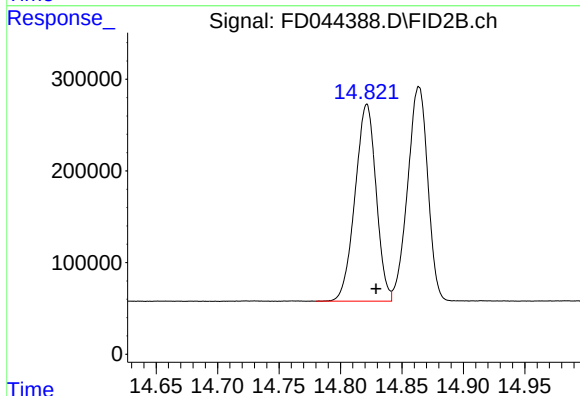
R.T.: 12.955 min
Delta R.T.: -0.007 min
Response: 2728163
Conc: 18.35 ug/ml

Instrument :

FID_D

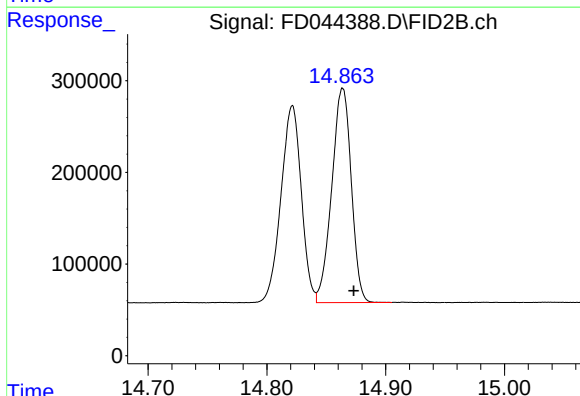
ClientSampleId :

20 PPM AROMATIC HC STD ICV



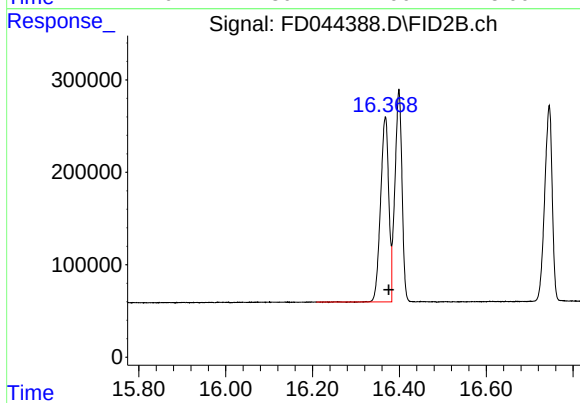
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.821 min
Delta R.T.: -0.008 min
Response: 2556376
Conc: 18.26 ug/ml



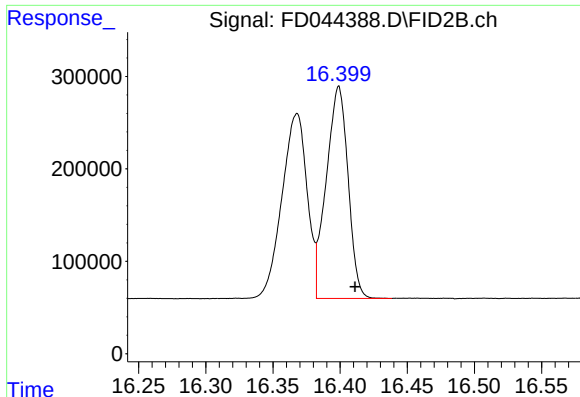
#15 Chrysene (C27.41)

R.T.: 14.864 min
Delta R.T.: -0.009 min
Response: 2669528
Conc: 18.23 ug/ml



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

R.T.: 16.367 min
Delta R.T.: -0.008 min
Response: 2617620
Conc: 18.20 ug/ml



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

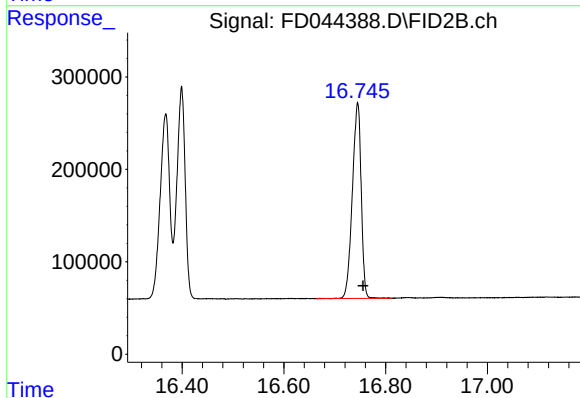
R.T.: 16.399 min
Delta R.T.: -0.012 min
Response: 2593437
Conc: 18.24 ug/ml

Instrument :

FID_D

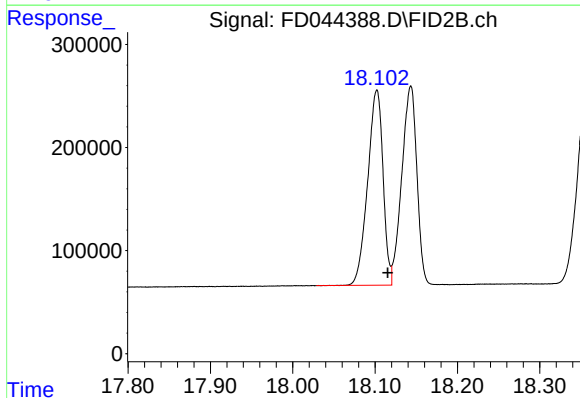
ClientSampleId :

20 PPM AROMATIC HC STD ICV



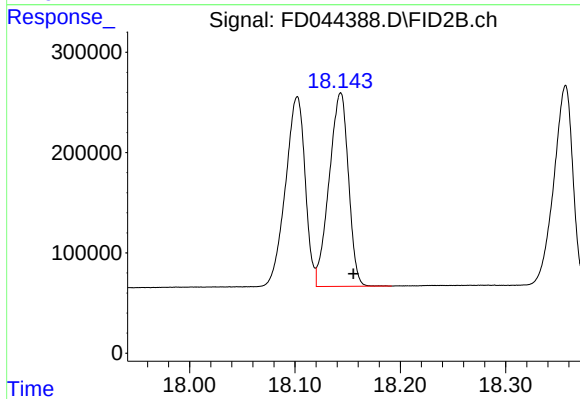
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.745 min
Delta R.T.: -0.011 min
Response: 2548963
Conc: 18.22 ug/ml



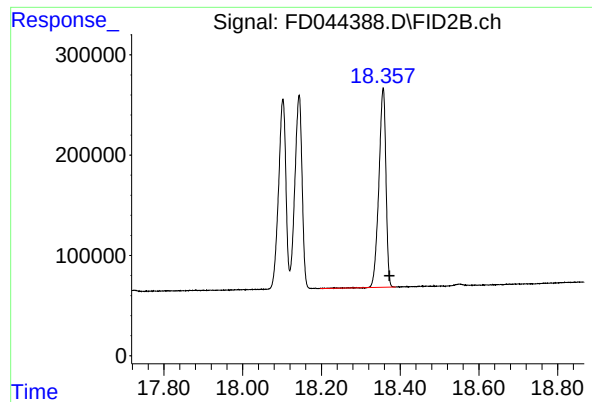
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.102 min
Delta R.T.: -0.013 min
Response: 2455237
Conc: 18.01 ug/ml



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

R.T.: 18.143 min
Delta R.T.: -0.012 min
Response: 2454797
Conc: 18.22 ug/ml



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

R.T.: 18.356 min
Delta R.T.: -0.016 min
Response: 2477478
Conc: 18.15 ug/ml

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