

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120122AR\
 Data File : FD044555.D
 Signal(s) : FID2B.ch
 Acq On : 01 Dec 2022 11:58
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Dec 02 06:02:31 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112922.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 29 00:29:41 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...	7.683	2730581	21.040 ug/ml
Spiked Amount 50.000		Recovery =	42.08%
6) S 2-Fluorobiphenyl (SURR)	8.541	1859427	21.054 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.11%
11) S ortho-Terphenyl (SURR)	11.572	3423713	21.037 ug/ml
Spiked Amount 50.000		Recovery =	42.07%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.500	3011751	21.105 ug/ml
2) T Naphthalene (C11.7)	6.030	3171528	21.094 ug/ml
3) T 2-Methylnaphthalene (...)	7.076	3192269	21.128 ug/ml
5) T Acenaphthylene (C15.06)	8.346	2907869	20.917 ug/ml
7) T Acenaphthene (C15.5)	8.640	3083796	21.013 ug/ml
8) T Flouorene (C16.55)	9.417	3032079	21.029 ug/ml
9) T Phenanthrene (C19.36)	10.807	2978552	20.887 ug/ml
10) T Anthracene (C19.43)	10.880	2801615	20.165 ug/ml
12) T Fluoranthene (C21.85)	12.609	2998279	21.032 ug/ml
13) T Pyrene (C20.8)	12.904	2922103	20.997 ug/ml
14) T Benzo[a]anthracene (C...	14.765	2705576	20.910 ug/ml
15) T Chrysene (C27.41)	14.807	2932572	21.753 ug/ml
16) T benzo[b]fluoranthene ...	16.305	2776446	21.094 ug/ml
17) T Bnezo[k]fluoranthene ...	16.337	2802709	21.523 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.680	2666732	20.634 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.036	2563571	20.114 ug/ml
20) T Dibenz[a,h]anthracene...	18.077	2640148	20.983 ug/ml
21) T Benzo[g,h,i]perylene ...	18.290	2660327	20.684 ug/ml

(f)=RT Delta > 1/2 Window

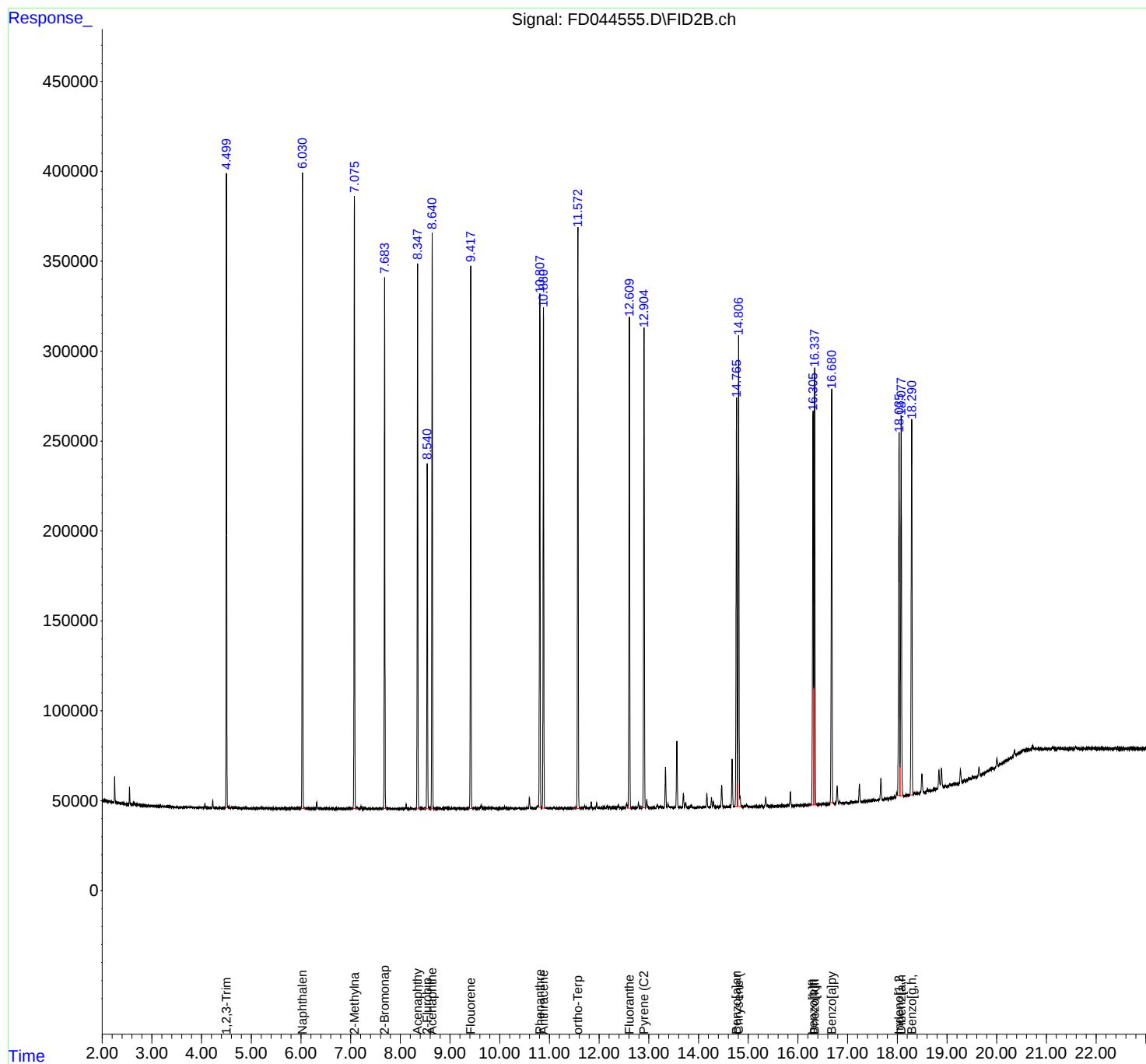
(m)=manual int.

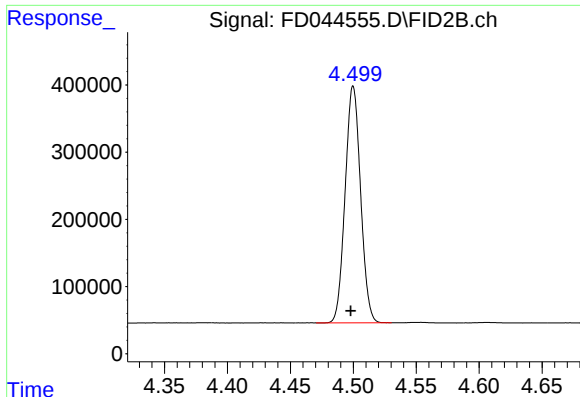
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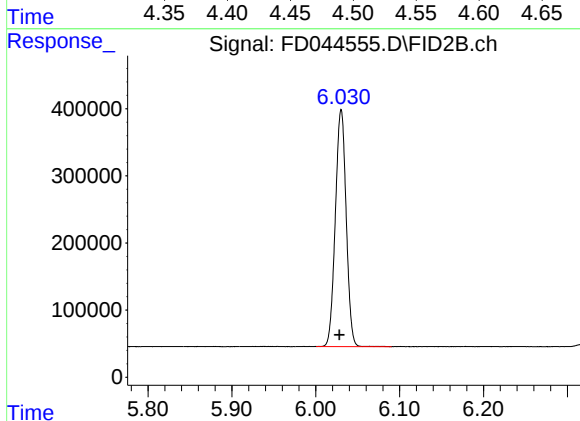




#1 1,2,3-Trimethylbenzene (C10.1)

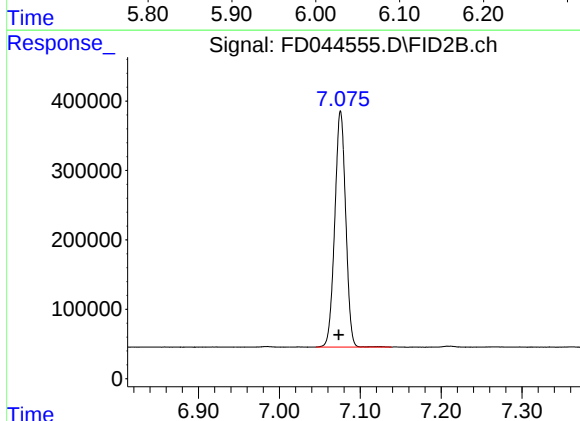
R.T.: 4.500 min
Delta R.T.: 0.002 min
Response: 3011751
Conc: 21.10 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



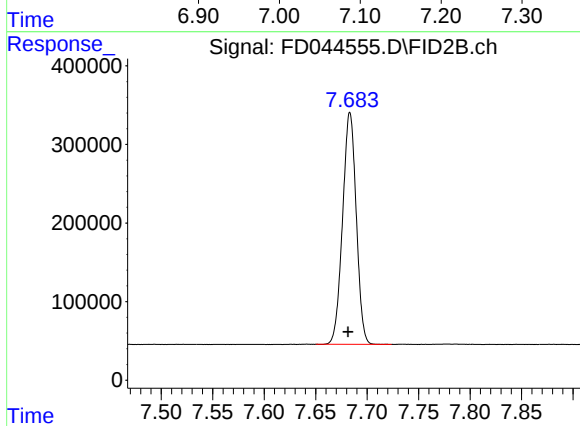
#2 Naphthalene (C11.7)

R.T.: 6.030 min
Delta R.T.: 0.002 min
Response: 3171528
Conc: 21.09 ug/ml



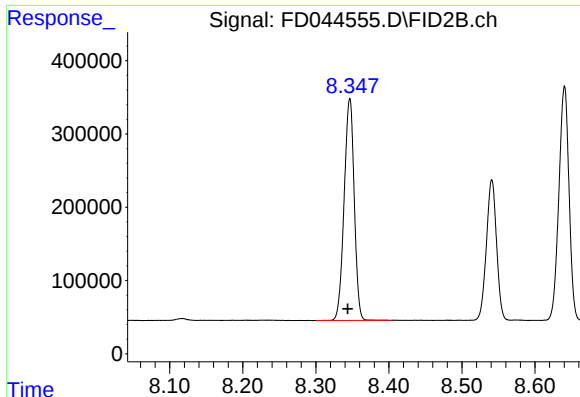
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.076 min
Delta R.T.: 0.002 min
Response: 3192269
Conc: 21.13 ug/ml



#4 2-Bromonaphthalene (SURR)

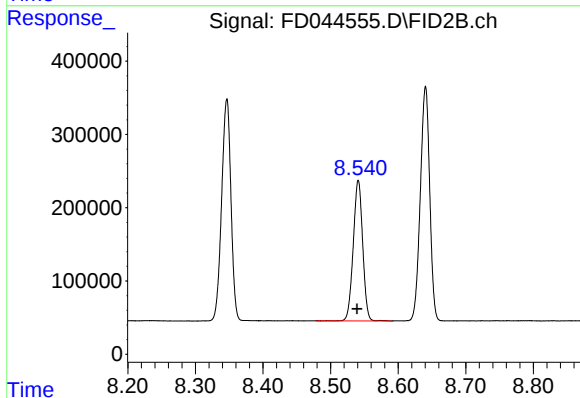
R.T.: 7.683 min
Delta R.T.: 0.002 min
Response: 2730581
Conc: 21.04 ug/ml



#5 Acenaphthylene (C15.06)

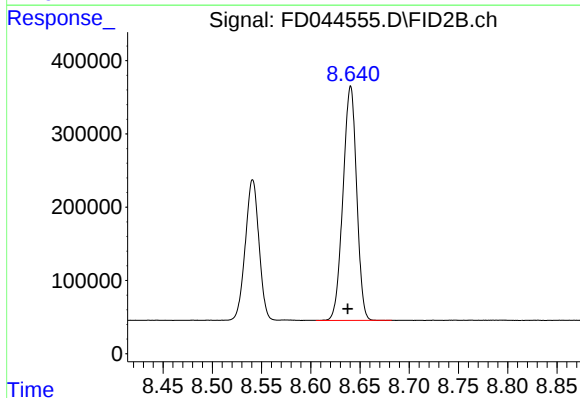
R.T.: 8.346 min
Delta R.T.: 0.003 min
Response: 2907869
Conc: 20.92 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



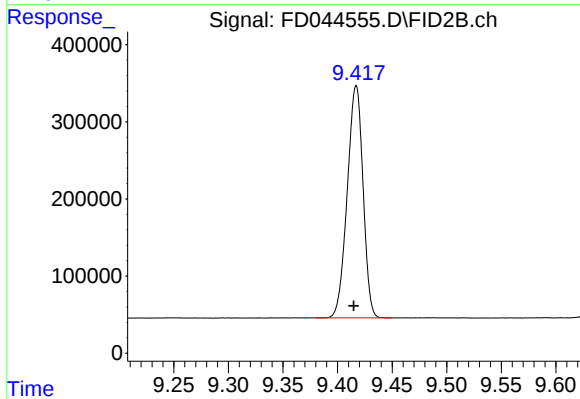
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.541 min
Delta R.T.: 0.002 min
Response: 1859427
Conc: 21.05 ug/ml



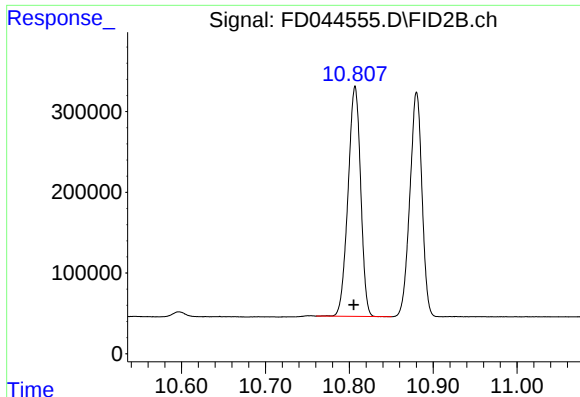
#7 Acenaphthene (C15.5)

R.T.: 8.640 min
Delta R.T.: 0.003 min
Response: 3083796
Conc: 21.01 ug/ml



#8 Fluorene (C16.55)

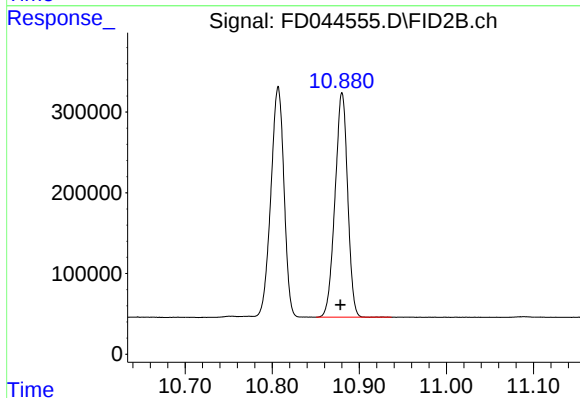
R.T.: 9.417 min
Delta R.T.: 0.002 min
Response: 3032079
Conc: 21.03 ug/ml



#9 Phenanthrene (C19.36)

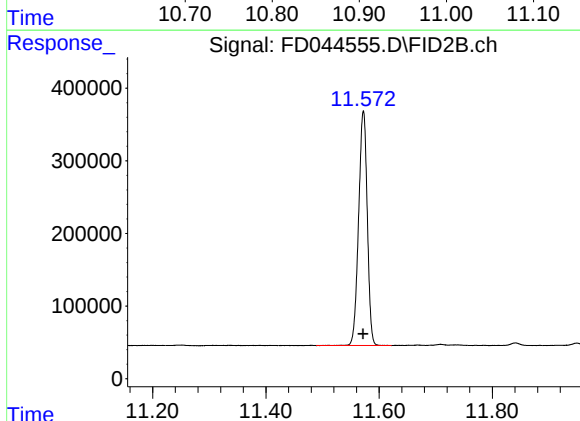
R.T.: 10.807 min
Delta R.T.: 0.001 min
Response: 2978552
Conc: 20.89 ug/ml

Instrument :
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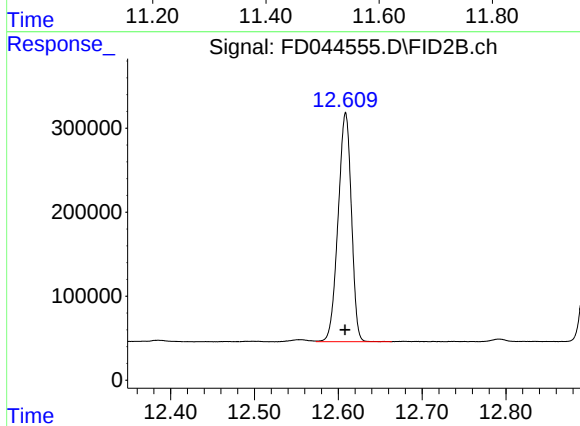
#10 Anthracene (C19.43)

R.T.: 10.880 min
Delta R.T.: 0.002 min
Response: 2801615
Conc: 20.17 ug/ml



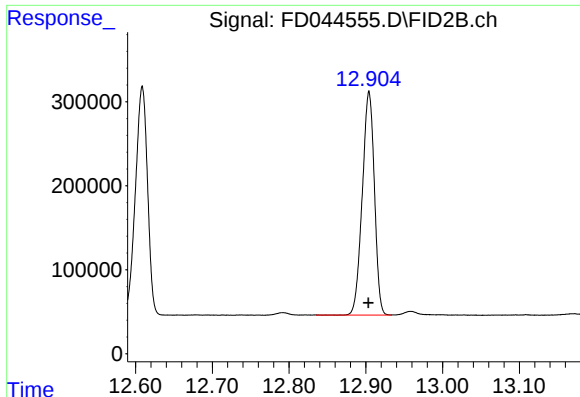
#11 ortho-Terphenyl (SURR)

R.T.: 11.572 min
Delta R.T.: 0.000 min
Response: 3423713
Conc: 21.04 ug/ml



#12 Fluoranthene (C21.85)

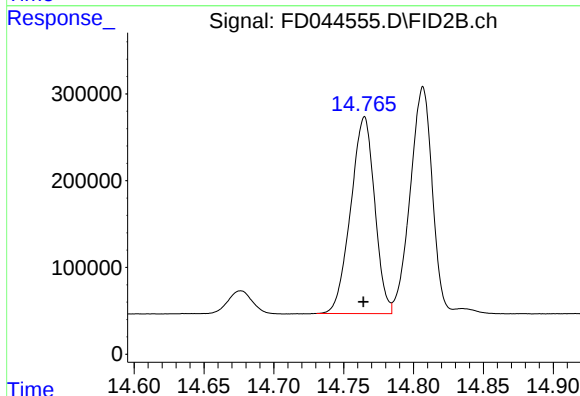
R.T.: 12.609 min
Delta R.T.: 0.000 min
Response: 2998279
Conc: 21.03 ug/ml



#13 Pyrene (C20.8)

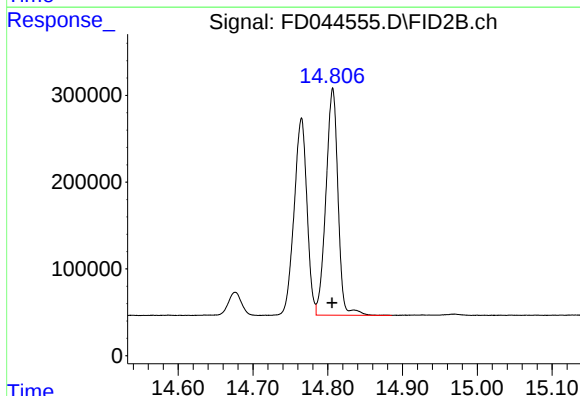
R.T.: 12.904 min
Delta R.T.: 0.000 min
Response: 2922103
Conc: 21.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



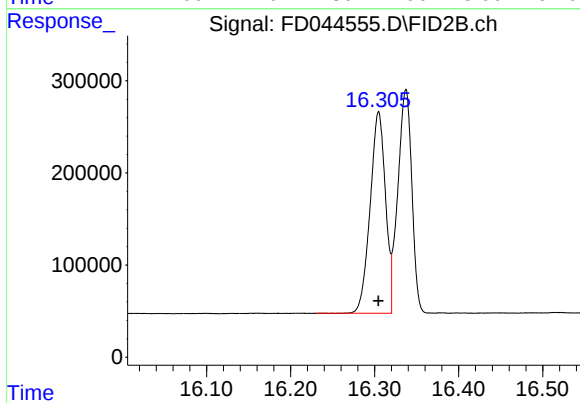
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.765 min
Delta R.T.: 0.000 min
Response: 2705576
Conc: 20.91 ug/ml



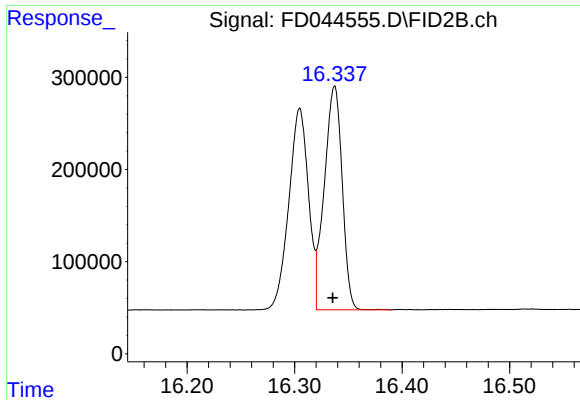
#15 Chrysene (C27.41)

R.T.: 14.807 min
Delta R.T.: 0.000 min
Response: 2932572
Conc: 21.75 ug/ml



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

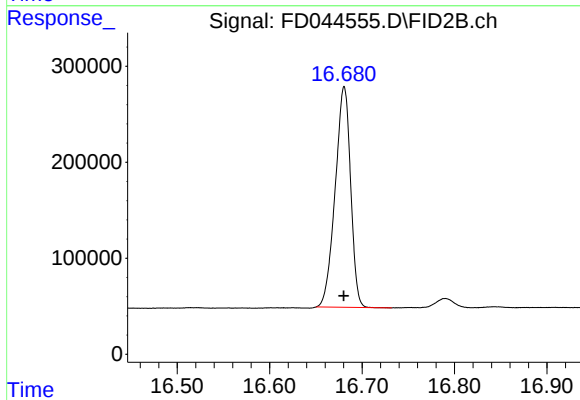
R.T.: 16.305 min
Delta R.T.: 0.000 min
Response: 2776446
Conc: 21.09 ug/ml



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

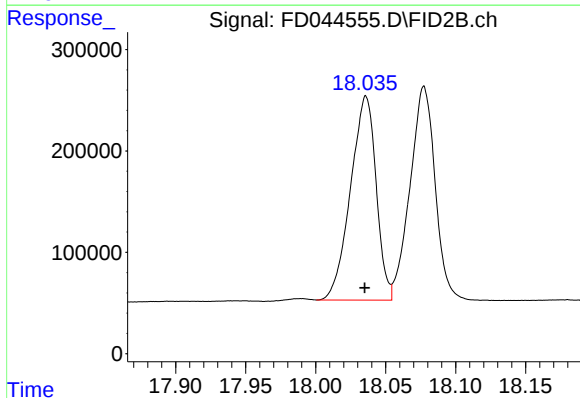
R.T.: 16.337 min
Delta R.T.: 0.001 min
Response: 2802709
Conc: 21.52 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



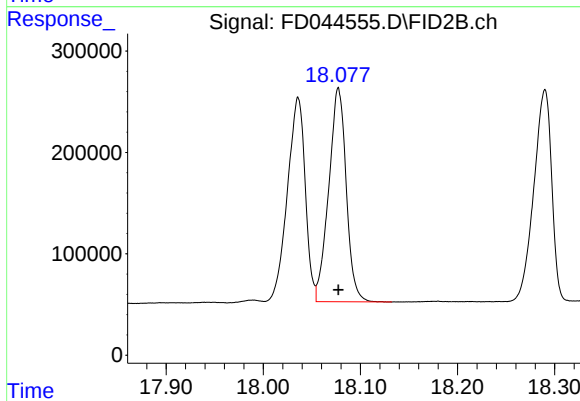
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.680 min
Delta R.T.: 0.000 min
Response: 2666732
Conc: 20.63 ug/ml



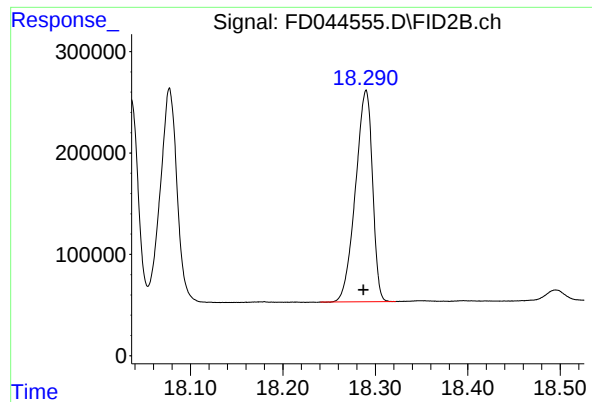
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.036 min
Delta R.T.: 0.000 min
Response: 2563571
Conc: 20.11 ug/ml



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

R.T.: 18.077 min
Delta R.T.: 0.000 min
Response: 2640148
Conc: 20.98 ug/ml



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

R.T.: 18.290 min
Delta R.T.: 0.003 min
Response: 2660327
Conc: 20.68 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD