

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032323AR\
 Data File : FD045320.D
 Signal(s) : FID2B.ch
 Acq On : 23 Mar 2023 13:30
 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: Mar 24 01:34:46 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030123.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 01 16:43:59 2023
 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...	7.548	2908878	21.435 ug/ml
Spiked Amount 50.000		Recovery =	42.87%
6) S 2-Fluorobiphenyl (SURR)	8.403	1918252	21.425 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.85%
11) S ortho-Terphenyl (SURR)	11.444	3678127	22.097 ug/ml
Spiked Amount 50.000		Recovery =	44.19%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.355	3284342	21.686 ug/ml
2) T Naphthalene (C11.7)	5.887	3404357	21.550 ug/ml
3) T 2-Methylnaphthalene (...)	6.936	3392065	21.345 ug/ml
5) T Acenaphthylene (C15.06)	8.208	3103163	21.642 ug/ml
7) T Acenaphthene (C15.5)	8.503	3294696	21.737 ug/ml
8) T Fluorene (C16.55)	9.282	3190694	21.671 ug/ml
9) T Phenanthrene (C19.36)	10.673	3107545	21.765 ug/ml
10) T Anthracene (C19.43)	10.746	2966345	21.169 ug/ml
12) T Fluoranthene (C21.85)	12.477	3049550	21.831 ug/ml
13) T Pyrene (C20.8)	12.772	2994502	21.990 ug/ml
14) T Benzo[a]anthracene (C...	14.638	2774227	21.763 ug/ml
15) T Chrysene (C27.41)	14.679	2842003	21.806 ug/ml
16) T benzo[b]fluoranthene ...	16.181	2792911	21.664 ug/ml
17) T Bnezo[k]fluoranthene ...	16.213	2748943	21.777 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.555	2691551	21.385 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.911	2403625	20.092 ug/ml
20) T Dibenz[a,h]anthracene...	17.955	2467208	20.454 ug/ml
21) T Benzo[g,h,i]perylene ...	18.165	2587752	20.798 ug/ml

(f)=RT Delta > 1/2 Window

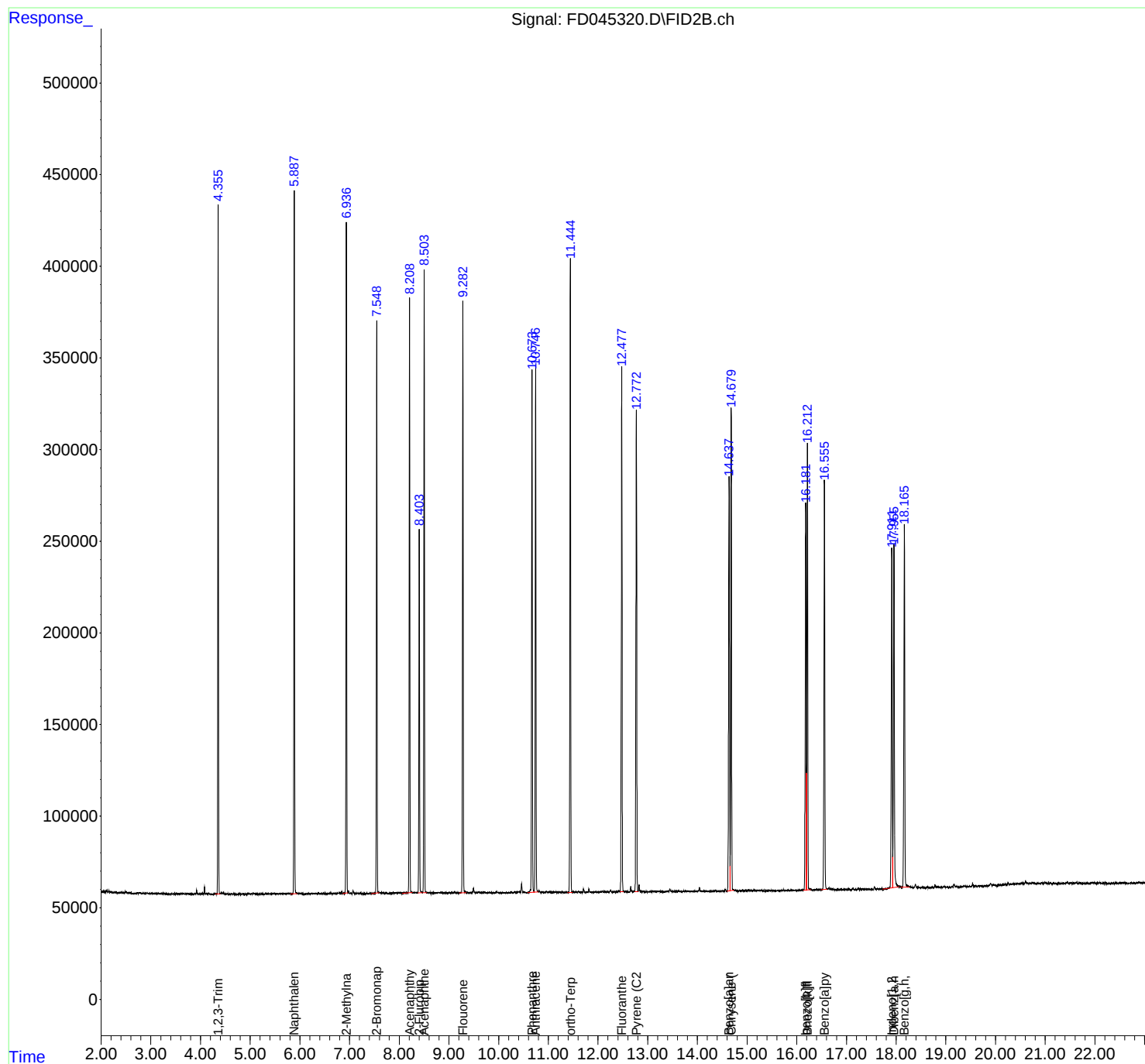
(m)=manual int.

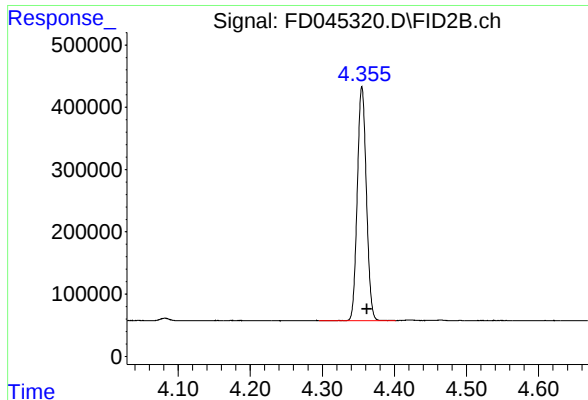
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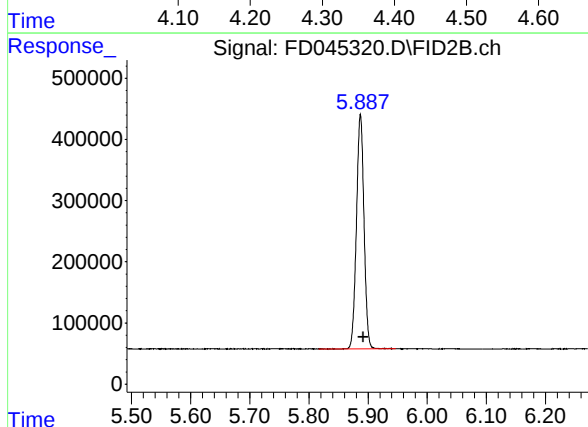




#1 1,2,3-Trimethylbenzene (C10.1)

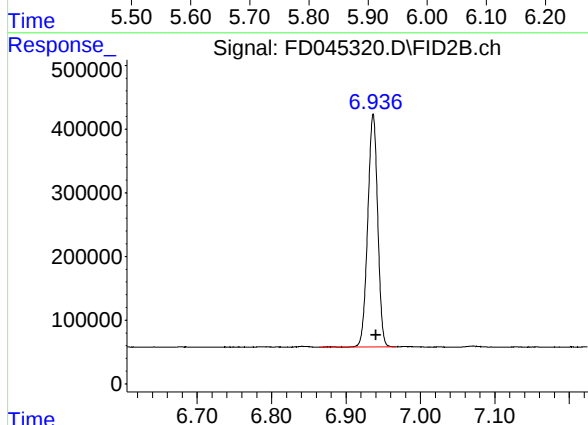
R.T.: 4.355 min
Delta R.T.: -0.007 min
Response: 3284342
Conc: 21.69 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



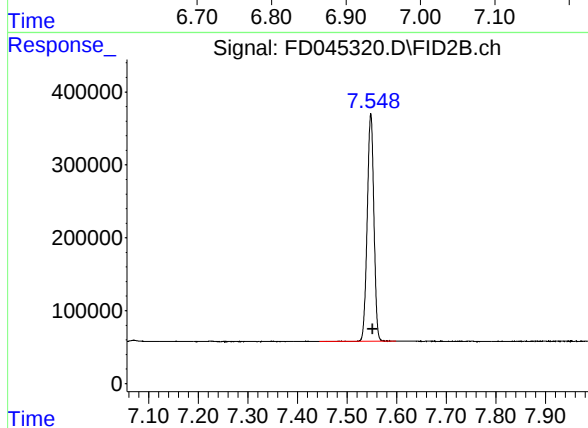
#2 Naphthalene (C11.7)

R.T.: 5.887 min
Delta R.T.: -0.005 min
Response: 3404357
Conc: 21.55 ug/ml



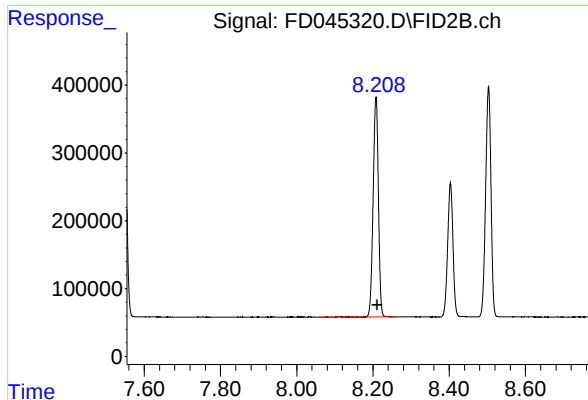
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.936 min
Delta R.T.: -0.004 min
Response: 3392065
Conc: 21.34 ug/ml



#4 2-Bromonaphthalene (SURR)

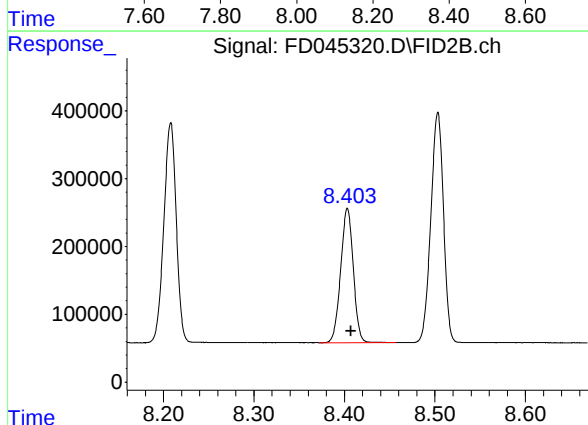
R.T.: 7.548 min
Delta R.T.: -0.004 min
Response: 2908878
Conc: 21.43 ug/ml



#5 Acenaphthylene (C15.06)

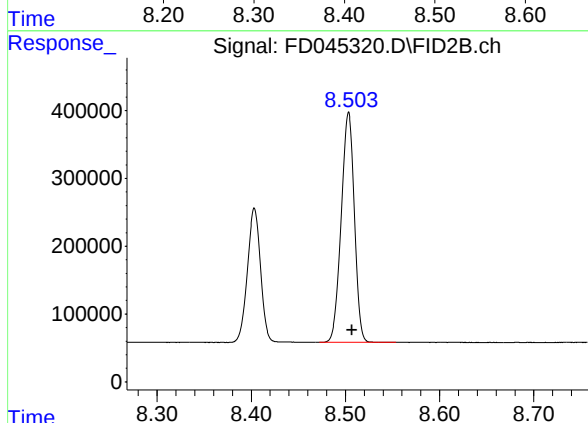
R.T.: 8.208 min
Delta R.T.: -0.004 min
Response: 3103163
Conc: 21.64 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



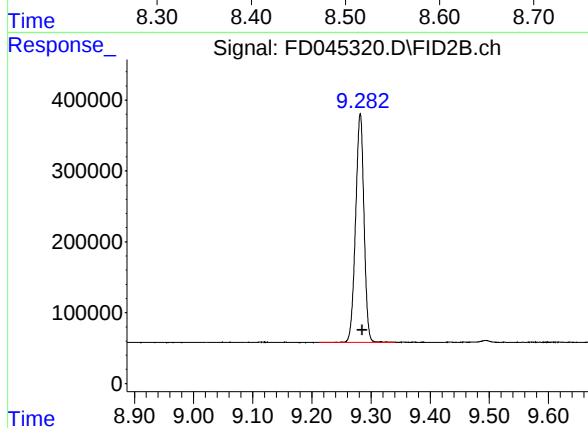
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.403 min
Delta R.T.: -0.004 min
Response: 1918252
Conc: 21.42 ug/ml



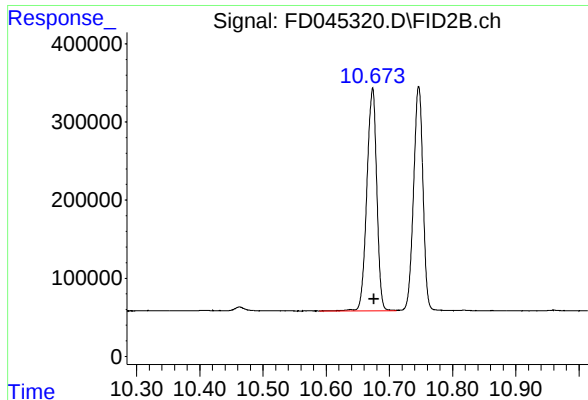
#7 Acenaphthene (C15.5)

R.T.: 8.503 min
Delta R.T.: -0.004 min
Response: 3294696
Conc: 21.74 ug/ml



#8 Flouorene (C16.55)

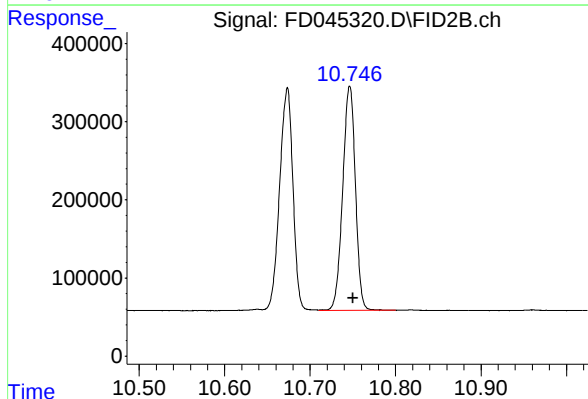
R.T.: 9.282 min
Delta R.T.: -0.004 min
Response: 3190694
Conc: 21.67 ug/ml



#9 Phenanthrene (C19.36)

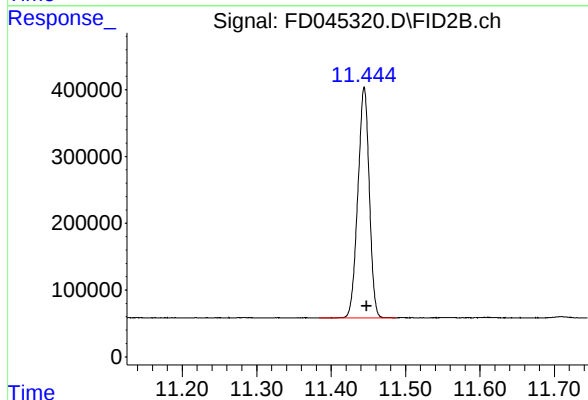
R.T.: 10.673 min
Delta R.T.: -0.003 min
Response: 3107545
Conc: 21.77 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



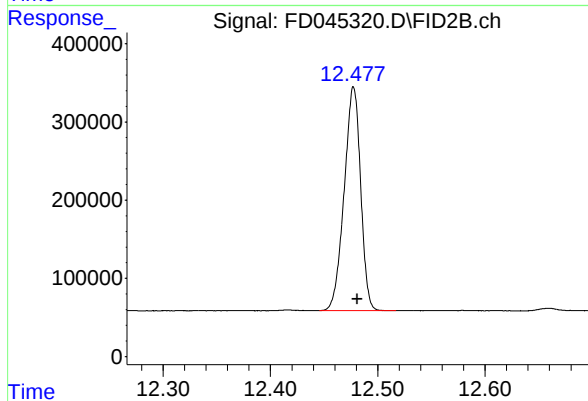
#10 Anthracene (C19.43)

R.T.: 10.746 min
Delta R.T.: -0.004 min
Response: 2966345
Conc: 21.17 ug/ml



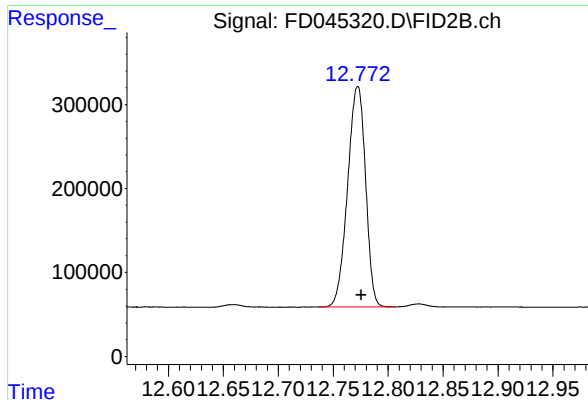
#11 ortho-Terphenyl (SURR)

R.T.: 11.444 min
Delta R.T.: -0.003 min
Response: 3678127
Conc: 22.10 ug/ml



#12 Fluoranthene (C21.85)

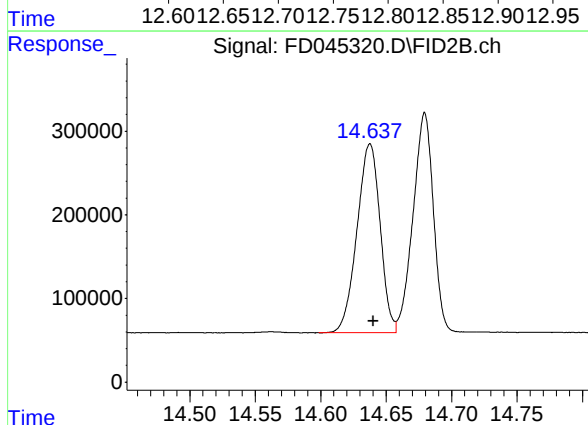
R.T.: 12.477 min
Delta R.T.: -0.003 min
Response: 3049550
Conc: 21.83 ug/ml



#13 Pyrene (C20.8)

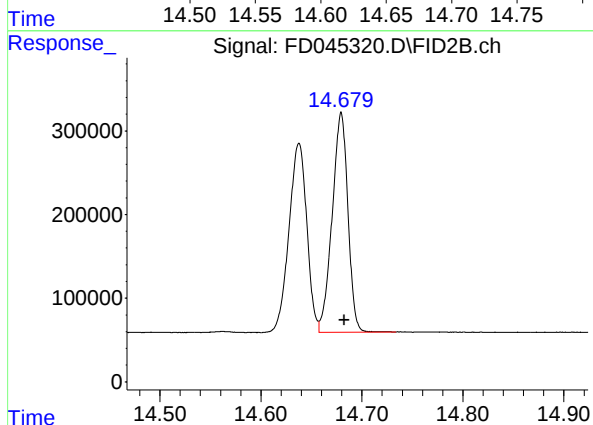
R.T.: 12.772 min
Delta R.T.: -0.003 min
Response: 2994502
Conc: 21.99 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



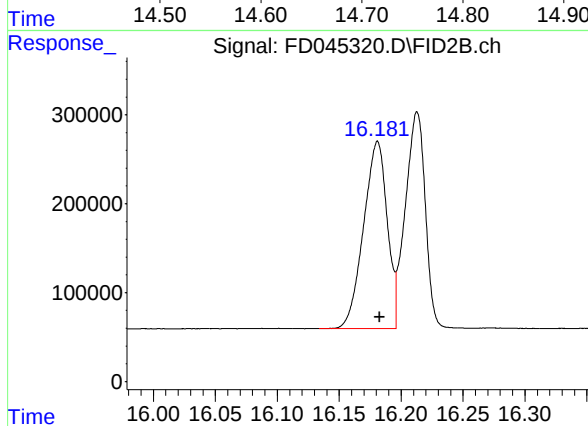
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.638 min
Delta R.T.: -0.003 min
Response: 2774227
Conc: 21.76 ug/ml



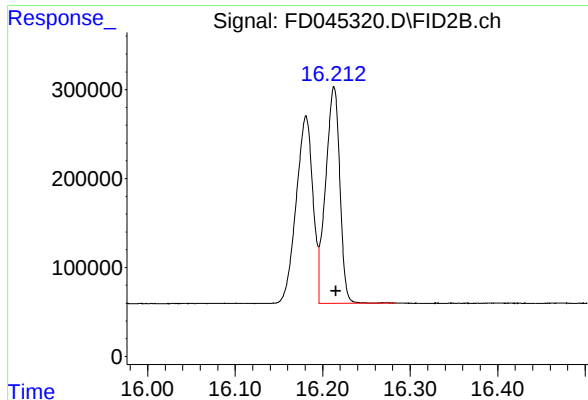
#15 Chrysene (C27.41)

R.T.: 14.679 min
Delta R.T.: -0.003 min
Response: 2842003
Conc: 21.81 ug/ml



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

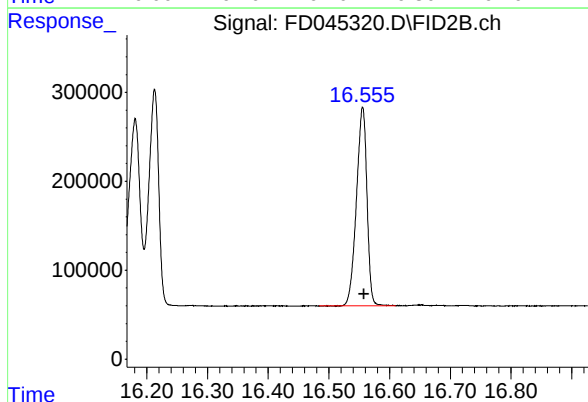
R.T.: 16.181 min
Delta R.T.: -0.002 min
Response: 2792911
Conc: 21.66 ug/ml



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

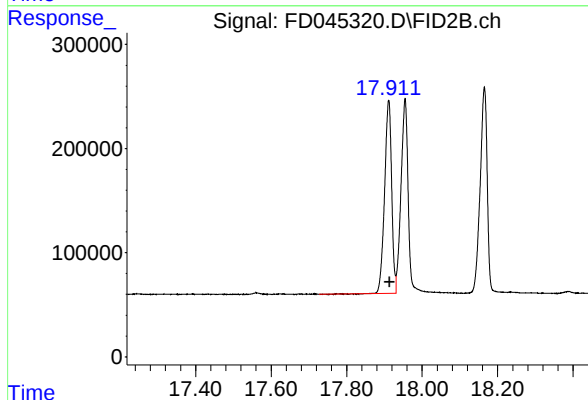
R.T.: 16.213 min
Delta R.T.: -0.003 min
Response: 2748943
Conc: 21.78 ug/ml

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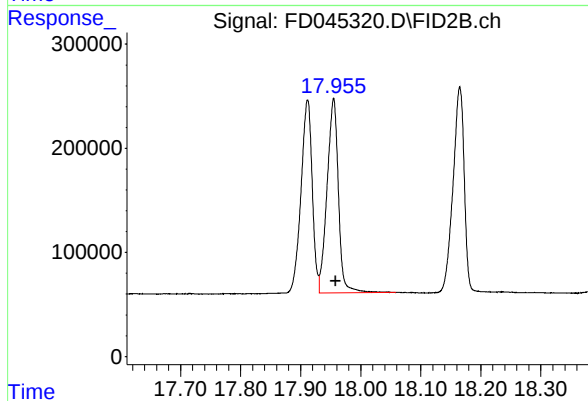
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.555 min
Delta R.T.: -0.002 min
Response: 2691551
Conc: 21.39 ug/ml



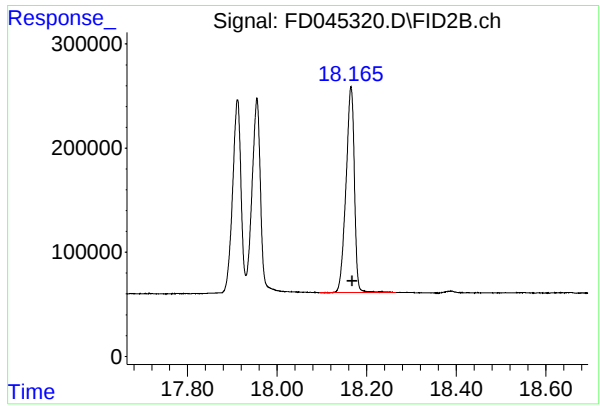
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.911 min
Delta R.T.: -0.003 min
Response: 2403625
Conc: 20.09 ug/ml



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

R.T.: 17.955 min
Delta R.T.: -0.004 min
Response: 2467208
Conc: 20.45 ug/ml



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

R.T.: 18.165 min

Delta R.T.: -0.003 min

Response: 2587752

Conc: 20.80 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD