

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070721AR\
 Data File : FD038078.D
 Signal(s) : FID2B.CH
 Acq On : 07 Jul 2021 10:37
 Operator : DD\AJ
 Sample : 20 PPM AROMTAIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMTAIC HC STD

Integration File: autoint1.e
 Quant Time: Jul 08 02:08:57 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 070621.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 07 10:27:43 2021
 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...	7.523	2709099	20.787 ug/ml
Spiked Amount 50.000		Recovery =	41.57%
6) S 2-Fluorobiphenyl (SURR)	8.383	1860600	21.026 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.05%
11) S ortho-Terphenyl (SURR)	11.421	3119075	20.581 ug/ml
Spiked Amount 50.000		Recovery =	41.16%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.328	2939088	20.750 ug/ml
2) T Naphthalene (C11.7)	5.861	3100530	20.971 ug/ml
3) T 2-Methylnaphthalene (...)	6.912	3080588	20.990 ug/ml
5) T Acenaphthylene (C15.06)	8.185	3086919	20.693 ug/ml
7) T Acenaphthene (C15.5)	8.480	3201028	20.674 ug/ml
8) T Flouorene (C16.55)	9.260	3059878	20.874 ug/ml
9) T Phenanthrene (C19.36)	10.654	3021092	20.899 ug/ml
10) T Anthracene (C19.43)	10.729	2934345	20.742 ug/ml
12) T Fluoranthene (C21.85)	12.464	3006438	20.752 ug/ml
13) T Pyrene (C20.8)	12.760	2975680	20.883 ug/ml
14) T Benzo[a]anthracene (C...	14.631	2701890	21.162 ug/ml
15) T Chrysene (C27.41)	14.673	2947846	20.822 ug/ml
16) T benzo[b]fluoranthene ...	16.181	2628599	21.079 ug/ml
17) T Bnezo[k]fluoranthene ...	16.212	2699935	20.582 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.558	2420173	20.632 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.926	2157181	20.842 ug/ml
20) T Dibenz[a,h]anthracene...	17.962	2504386	21.247 ug/ml
21) T Benzo[g,h,i]perylene ...	18.178	2274547	20.838 ug/ml

(f)=RT Delta > 1/2 Window

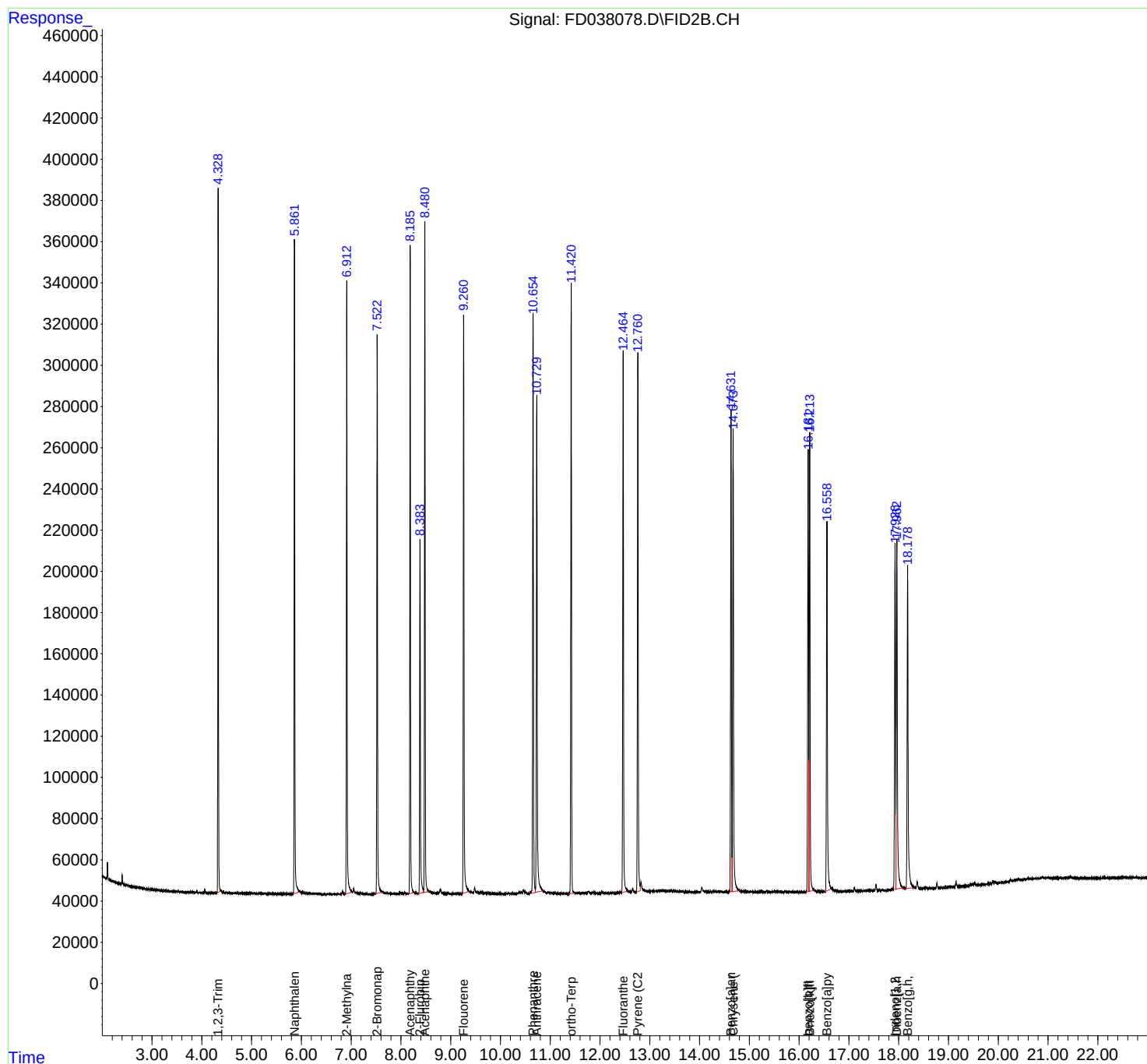
(m)=manual int.

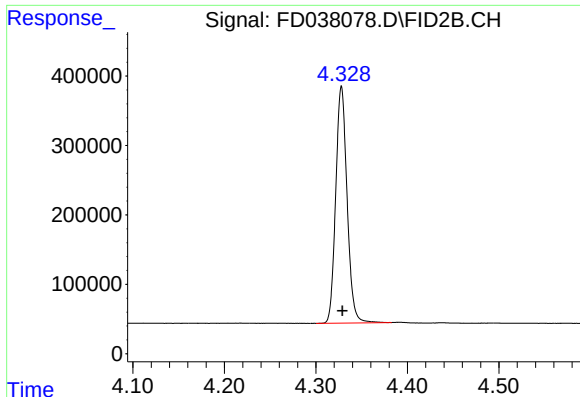
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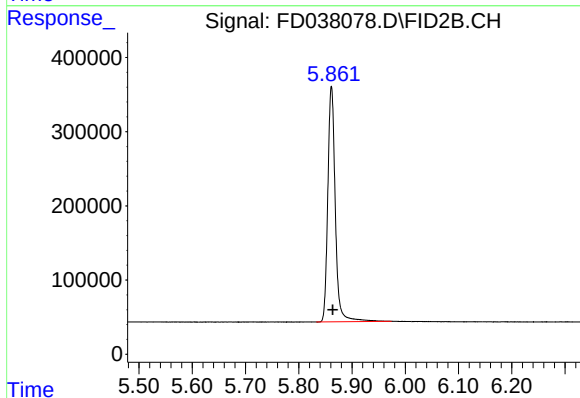




#1 1,2,3-Trimethylbenzene (C10.1)

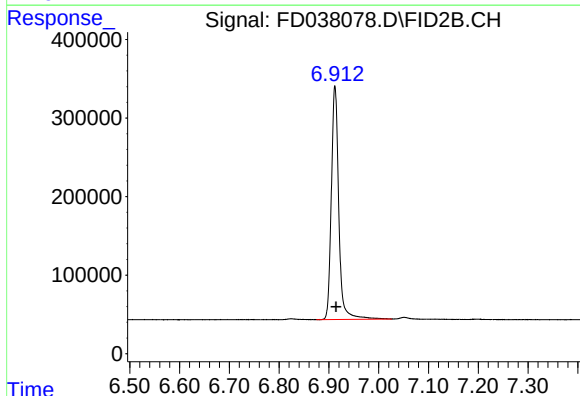
R.T.: 4.328 min
Delta R.T.: 0.000 min
Response: 2939088
Conc: 20.75 ug/ml

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20 PPM AROMTAIC HC STD



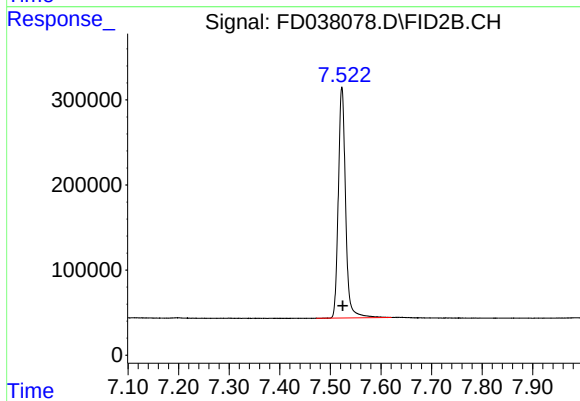
#2 Naphthalene (C11.7)

R.T.: 5.861 min
Delta R.T.: -0.002 min
Response: 3100530
Conc: 20.97 ug/ml



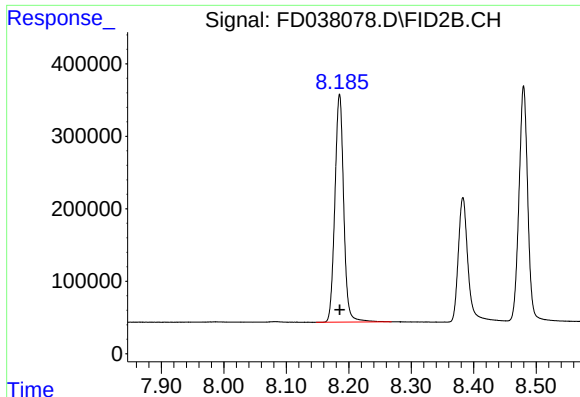
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.912 min
Delta R.T.: -0.002 min
Response: 3080588
Conc: 20.99 ug/ml



#4 2-Bromonaphthalene (SURR)

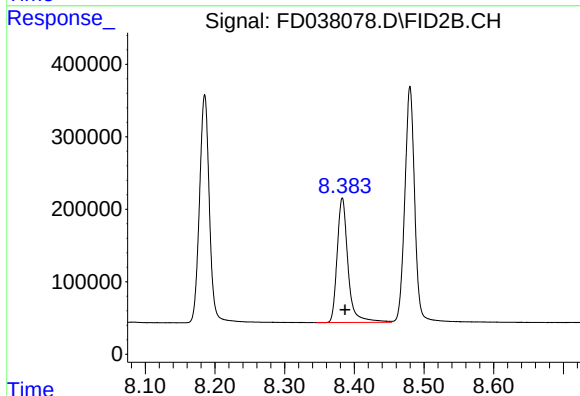
R.T.: 7.523 min
Delta R.T.: -0.002 min
Response: 2709099
Conc: 20.79 ug/ml



#5 Acenaphthylene (C15.06)

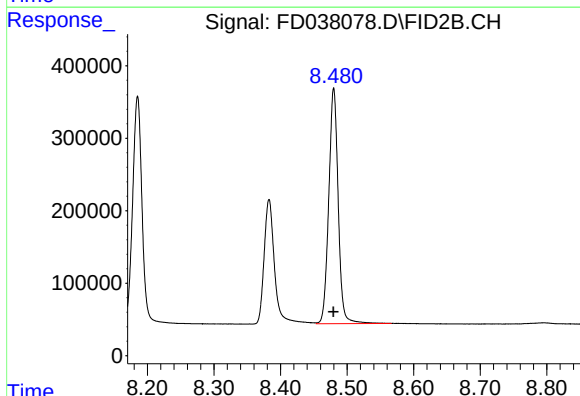
R.T.: 8.185 min
Delta R.T.: 0.000 min
Response: 3086919
Conc: 20.69 ug/ml

Instrument :
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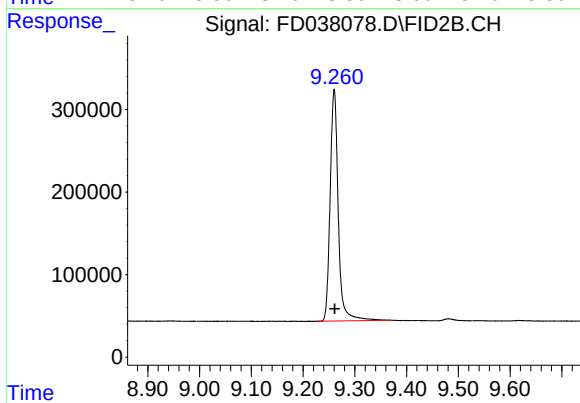
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.383 min
Delta R.T.: -0.004 min
Response: 1860600
Conc: 21.03 ug/ml



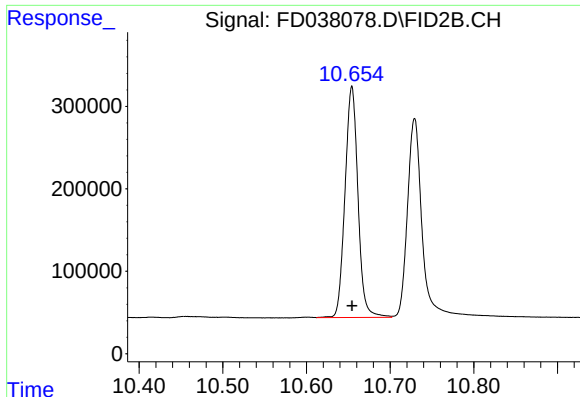
#7 Acenaphthene (C15.5)

R.T.: 8.480 min
Delta R.T.: 0.000 min
Response: 3201028
Conc: 20.67 ug/ml



#8 Fluorene (C16.55)

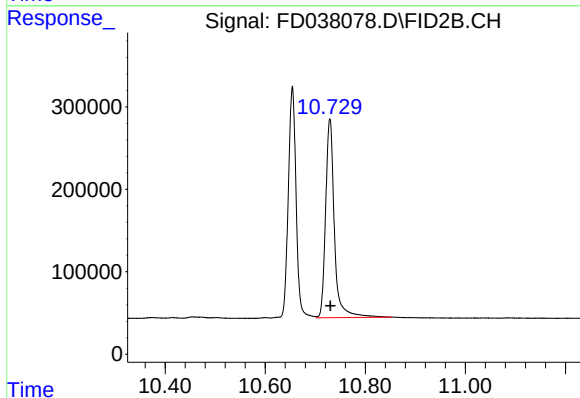
R.T.: 9.260 min
Delta R.T.: -0.001 min
Response: 3059878
Conc: 20.87 ug/ml



#9 Phenanthrene (C19.36)

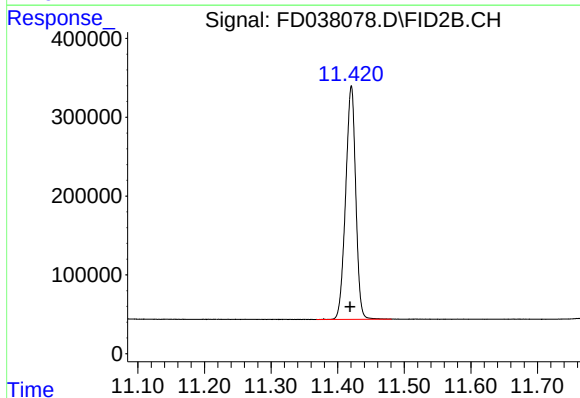
R.T.: 10.654 min
Delta R.T.: 0.000 min
Response: 3021092
Conc: 20.90 ug/ml

Instrument :
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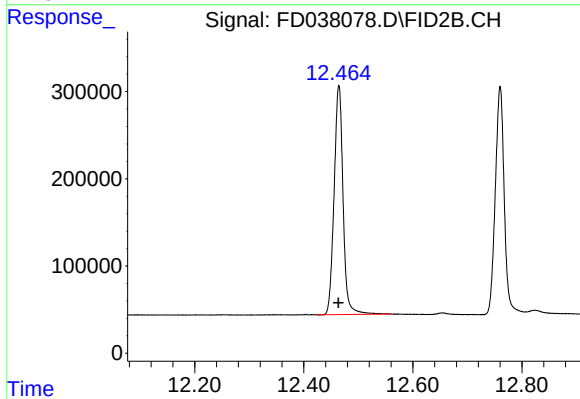
#10 Anthracene (C19.43)

R.T.: 10.729 min
Delta R.T.: -0.001 min
Response: 2934345
Conc: 20.74 ug/ml



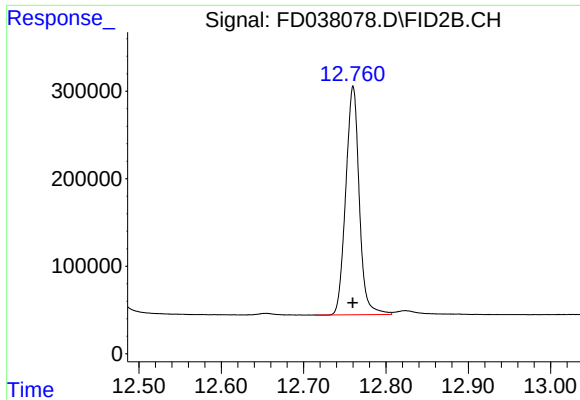
#11 ortho-Terphenyl (SURR)

R.T.: 11.421 min
Delta R.T.: 0.002 min
Response: 3119075
Conc: 20.58 ug/ml



#12 Fluoranthene (C21.85)

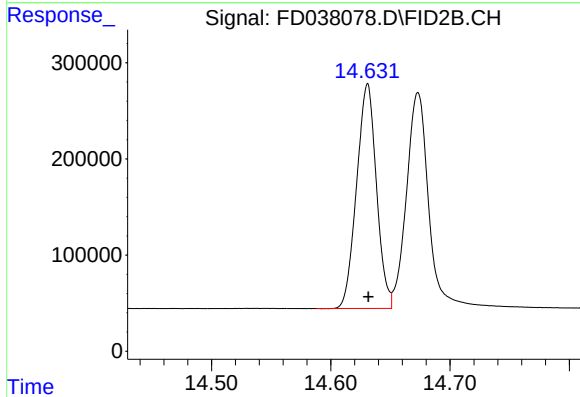
R.T.: 12.464 min
Delta R.T.: 0.000 min
Response: 3006438
Conc: 20.75 ug/ml



#13 Pyrene (C20.8)

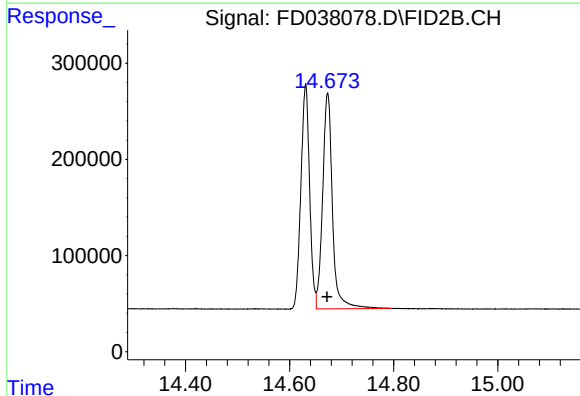
R.T.: 12.760 min
Delta R.T.: 0.000 min
Response: 2975680
Conc: 20.88 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



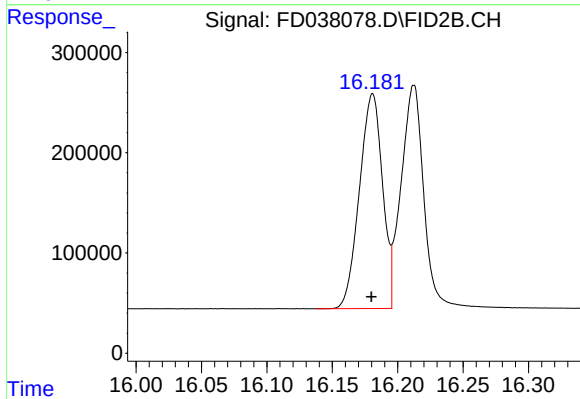
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.631 min
Delta R.T.: 0.000 min
Response: 2701890
Conc: 21.16 ug/ml



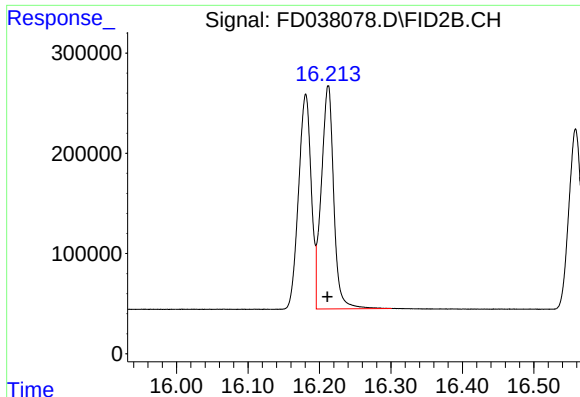
#15 Chrysene (C27.41)

R.T.: 14.673 min
Delta R.T.: 0.001 min
Response: 2947846
Conc: 20.82 ug/ml



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

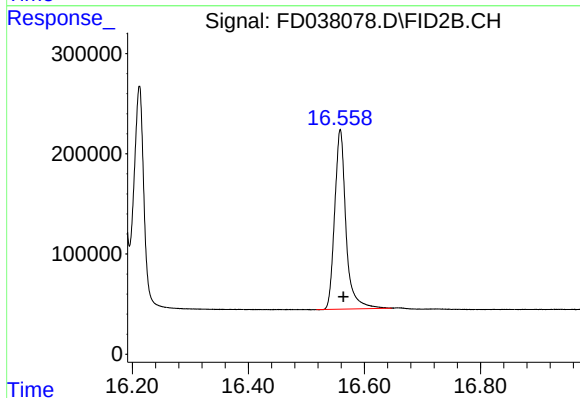
R.T.: 16.181 min
Delta R.T.: 0.000 min
Response: 2628599
Conc: 21.08 ug/ml



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

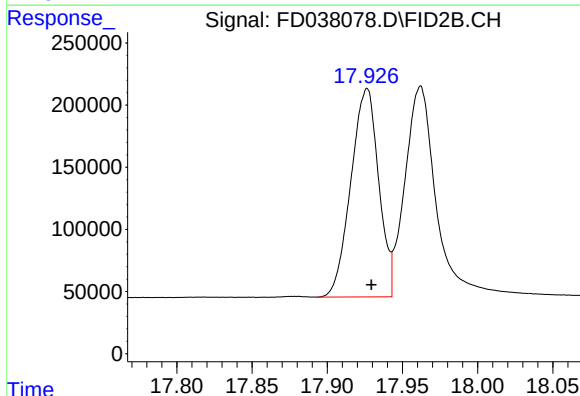
R.T.: 16.212 min
Delta R.T.: 0.001 min
Response: 2699935
Conc: 20.58 ug/ml

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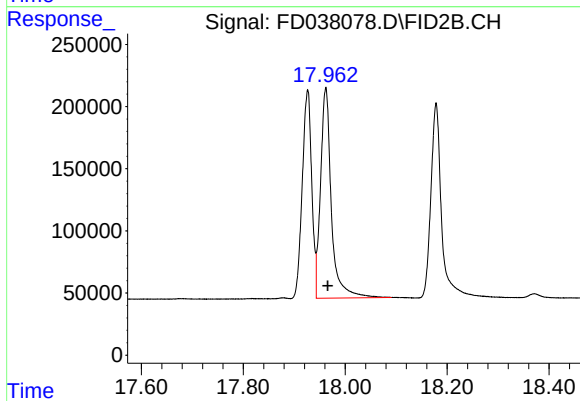
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.558 min
Delta R.T.: -0.006 min
Response: 2420173
Conc: 20.63 ug/ml



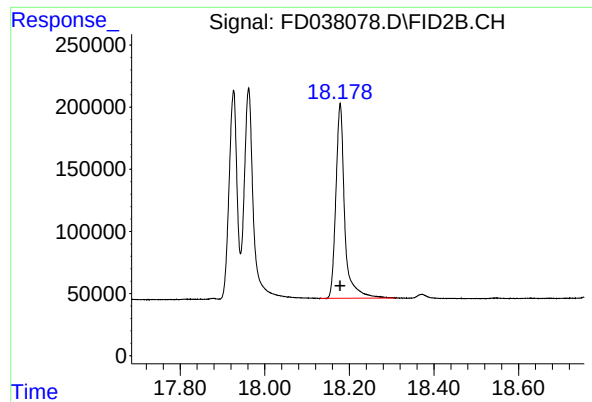
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.926 min
Delta R.T.: -0.003 min
Response: 2157181
Conc: 20.84 ug/ml



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

R.T.: 17.962 min
Delta R.T.: -0.004 min
Response: 2504386
Conc: 21.25 ug/ml



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

R.T.: 18.178 min
Delta R.T.: 0.000 min
Response: 2274547
Conc: 20.84 ug/ml

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