

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092722AR\
 Data File : FD043978.D
 Signal(s) : FID2B.ch
 Acq On : 28 Sep 2022 04:03
 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: Sep 28 05:21:45 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 091522.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 14 19:37:45 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...	7.422	2733474	20.774 ug/ml
Spiked Amount 50.000		Recovery =	41.55%
6) S 2-Fluorobiphenyl (SURR)	8.278	1673986	23.205 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	46.41%
11) S ortho-Terphenyl (SURR)	11.307	3533683	18.968 ug/ml
Spiked Amount 50.000		Recovery =	37.94%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.233	2588364	17.223 ug/ml
3) T 2-Methylnaphthalene (...)	6.809	3094302	21.152 ug/ml
5) T Acenaphthylene (C15.06)	8.078	1464483	9.491 ug/ml
7) T Acenaphthene (C15.5)	8.370	3312571	18.928 ug/ml
8) T Fluorene (C16.55)	9.151	3003283	20.433 ug/ml
9) T Phenanthrene (C19.36)	10.542	2861964	19.777 ug/ml
10) T Anthracene (C19.43)	10.618	2511747	17.115 ug/ml
12) T Fluoranthene (C21.85)	12.346	2781714	18.137 ug/ml
13) T Pyrene (C20.8)	12.641	2738929	18.412 ug/ml
14) T Benzo[a]anthracene (C...	14.509	2173067	19.439 ug/ml
15) T Chrysene (C27.41)	14.550	2653992	16.982 ug/ml
16) T benzo[b]fluoranthene ...	16.054	2298004	19.705 ug/ml
17) T Bnezo[k]fluoranthene ...	16.084	2589967	17.445 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.432	2329743	19.234 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.795	2176242	22.889 ug/ml
20) T Dibenz[a,h]anthracene...	17.831	2554191	21.262 ug/ml
21) T Benzo[g,h,i]perylene ...	18.045	2412762	21.172 ug/ml

(f)=RT Delta > 1/2 Window

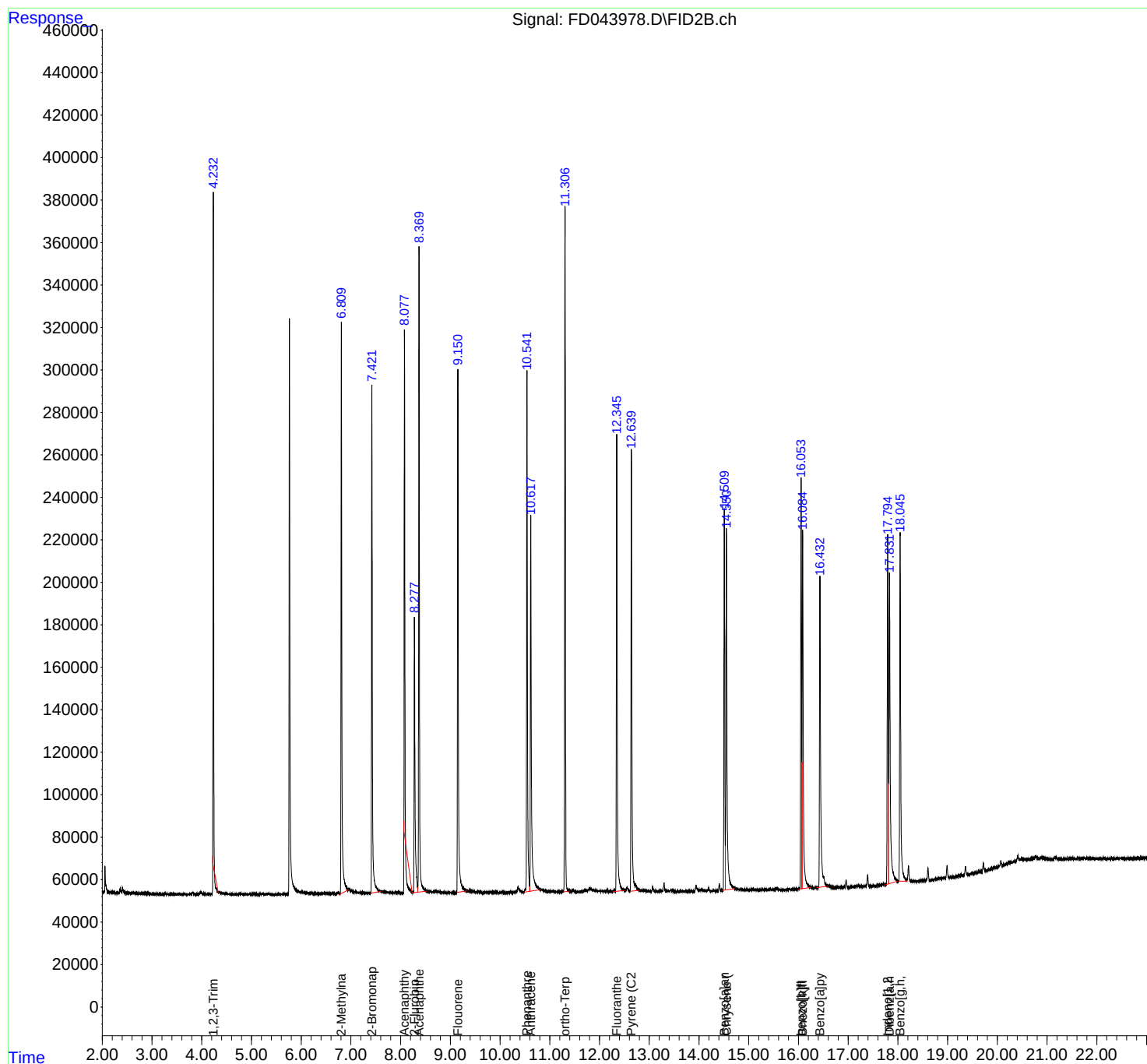
(m)=manual int.

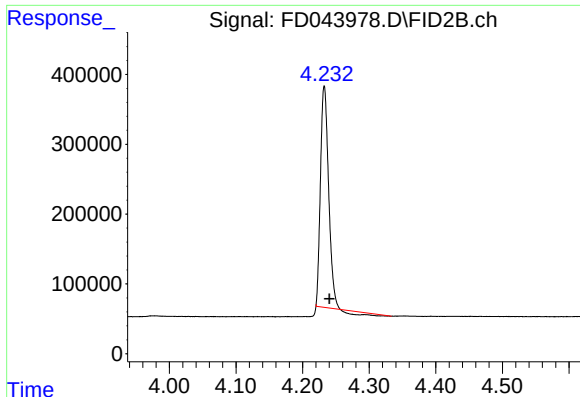
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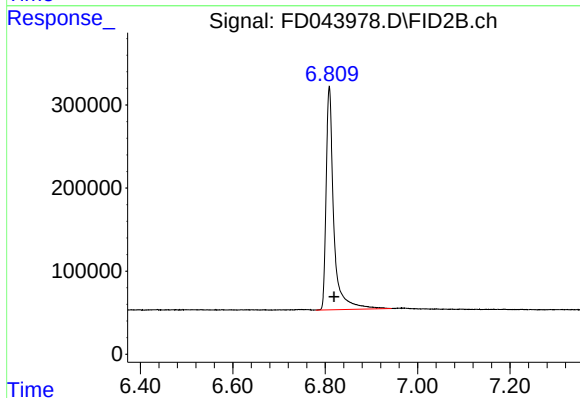




#1 1,2,3-Trimethylbenzene (C10.1)

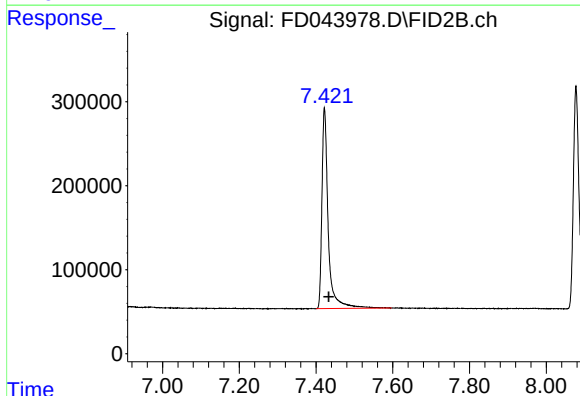
R.T.: 4.233 min
Delta R.T.: -0.007 min
Response: 2588364
Conc: 17.22 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



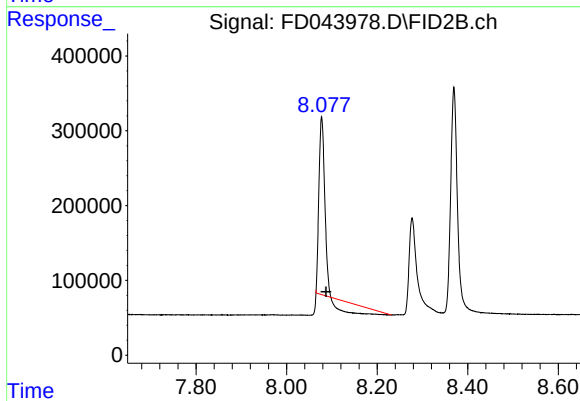
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.809 min
Delta R.T.: -0.010 min
Response: 3094302
Conc: 21.15 ug/ml



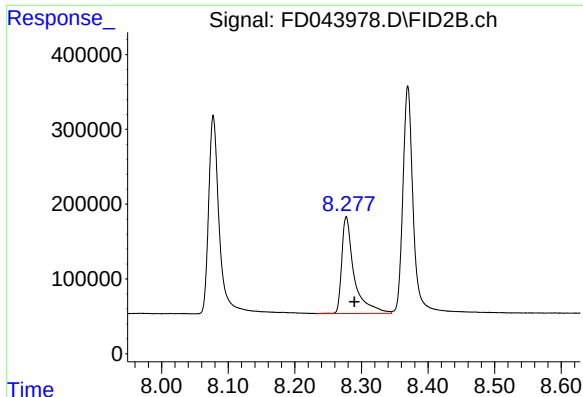
#4 2-Bromonaphthalene (SURR)

R.T.: 7.422 min
Delta R.T.: -0.010 min
Response: 2733474
Conc: 20.77 ug/ml



#5 Acenaphthylene (C15.06)

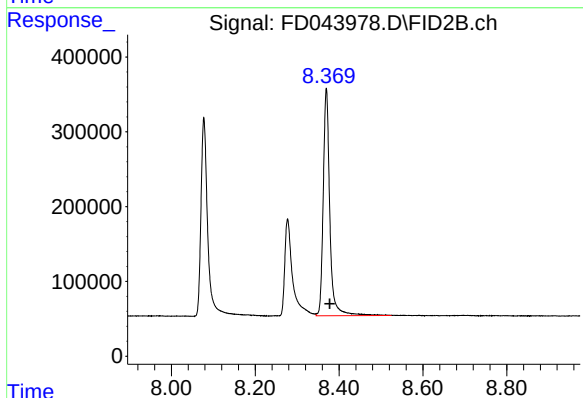
R.T.: 8.078 min
Delta R.T.: -0.010 min
Response: 1464483
Conc: 9.49 ug/ml



#6 2-Fluorobiphenyl (SURR)

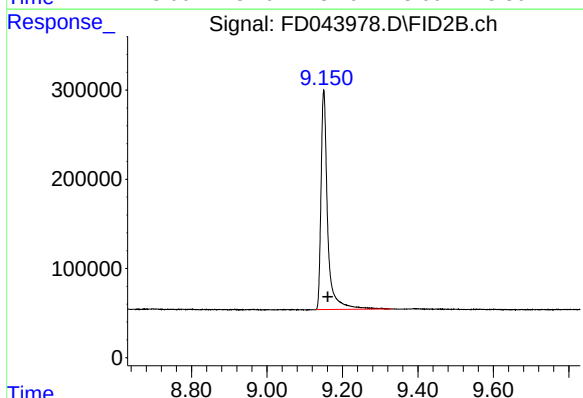
R.T.: 8.278 min
Delta R.T.: -0.012 min
Response: 1673986
Conc: 23.21 ug/ml

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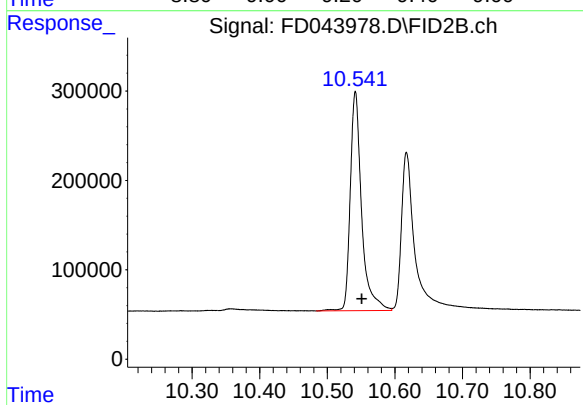
#7 Acenaphthene (C15.5)

R.T.: 8.370 min
Delta R.T.: -0.008 min
Response: 3312571
Conc: 18.93 ug/ml



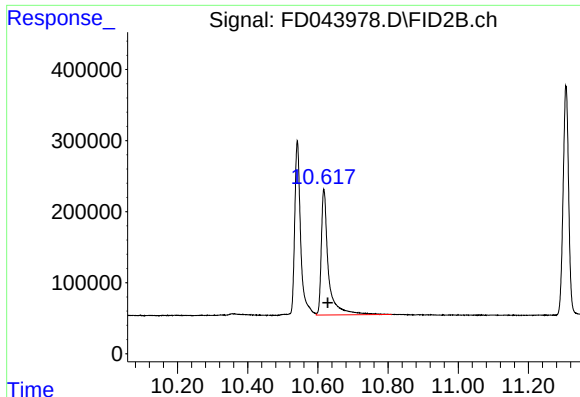
#8 Flouorene (C16.55)

R.T.: 9.151 min
Delta R.T.: -0.010 min
Response: 3003283
Conc: 20.43 ug/ml



#9 Phenanthrene (C19.36)

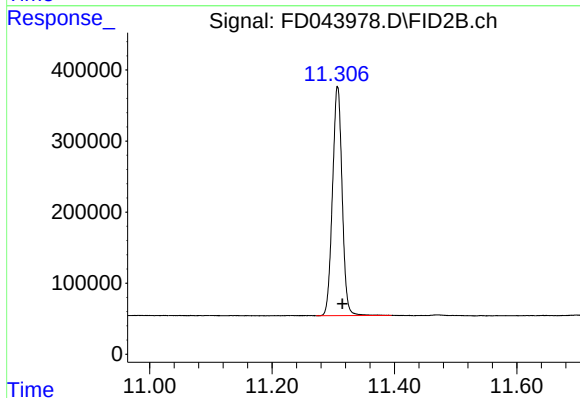
R.T.: 10.542 min
Delta R.T.: -0.009 min
Response: 2861964
Conc: 19.78 ug/ml



#10 Anthracene (C19.43)

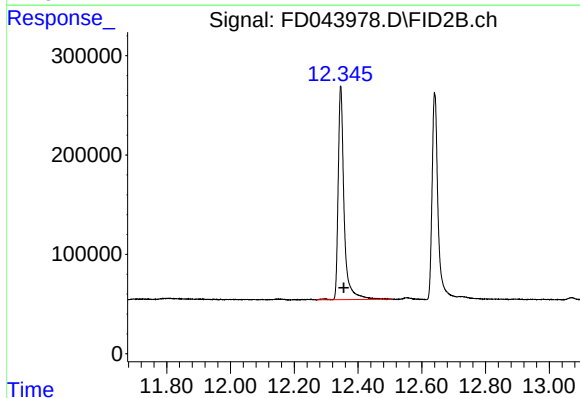
R.T.: 10.618 min
Delta R.T.: -0.010 min
Response: 2511747
Conc: 17.11 ug/ml

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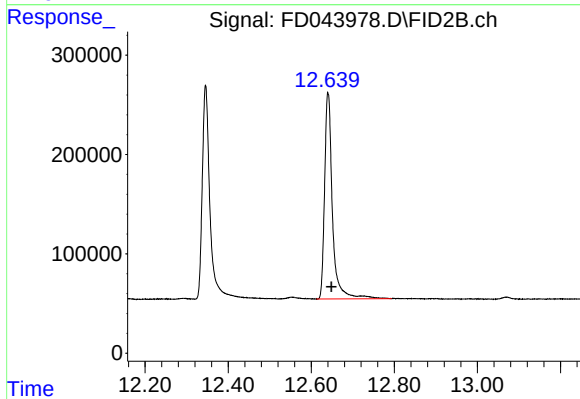
#11 ortho-Terphenyl (SURRE)

R.T.: 11.307 min
Delta R.T.: -0.008 min
Response: 3533683
Conc: 18.97 ug/ml



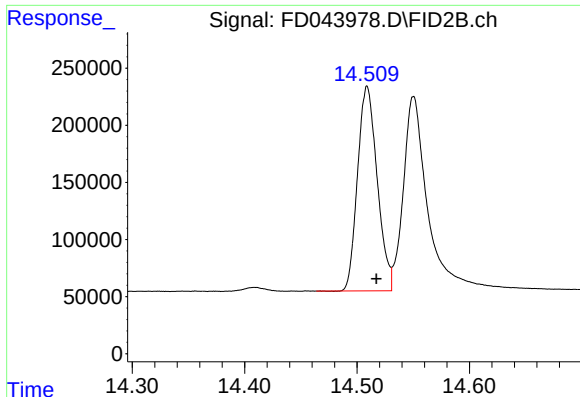
#12 Fluoranthene (C21.85)

R.T.: 12.346 min
Delta R.T.: -0.009 min
Response: 2781714
Conc: 18.14 ug/ml



#13 Pyrene (C20.8)

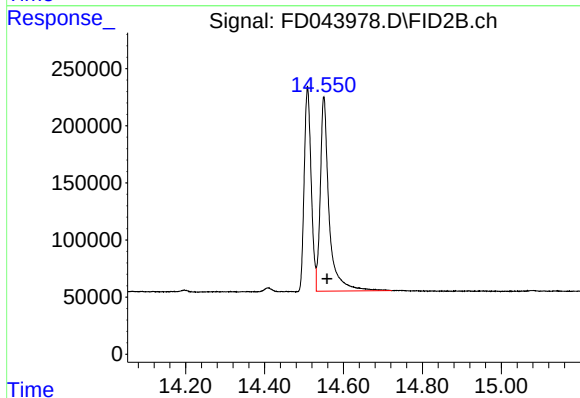
R.T.: 12.641 min
Delta R.T.: -0.008 min
Response: 2738929
Conc: 18.41 ug/ml



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

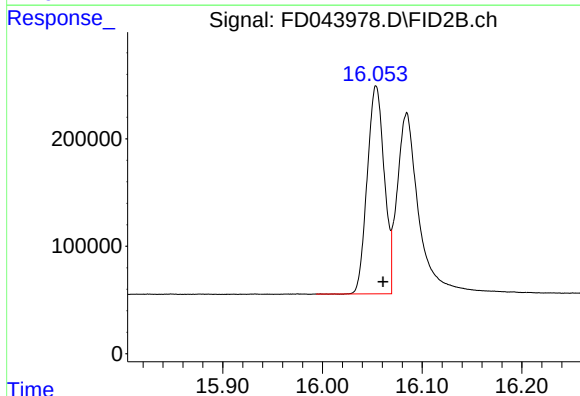
R.T.: 14.509 min
Delta R.T.: -0.008 min
Response: 2173067
Conc: 19.44 ug/ml

Instrument :
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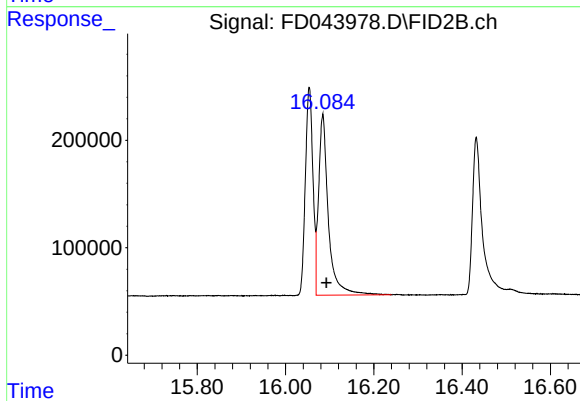
#15 Chrysene (C27.41)

R.T.: 14.550 min
Delta R.T.: -0.008 min
Response: 2653992
Conc: 16.98 ug/ml



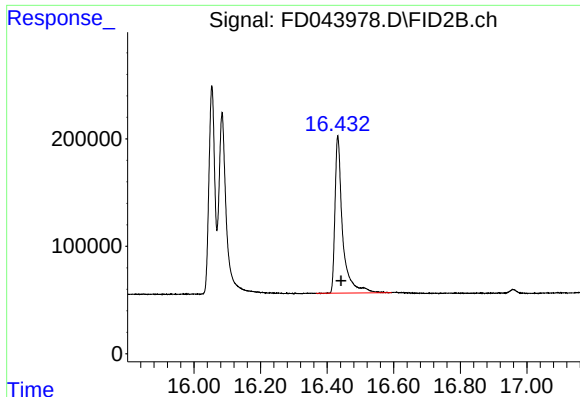
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.054 min
Delta R.T.: -0.007 min
Response: 2298004
Conc: 19.71 ug/ml



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

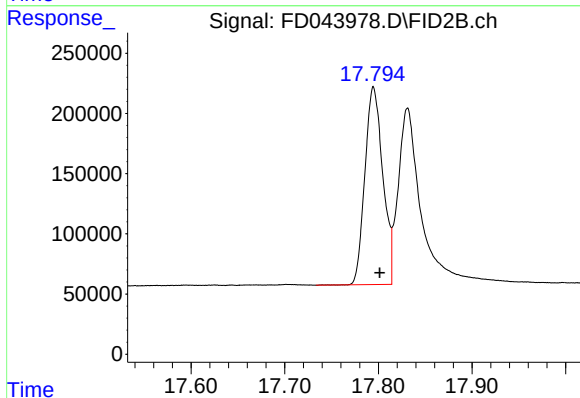
R.T.: 16.084 min
Delta R.T.: -0.008 min
Response: 2589967
Conc: 17.45 ug/ml



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

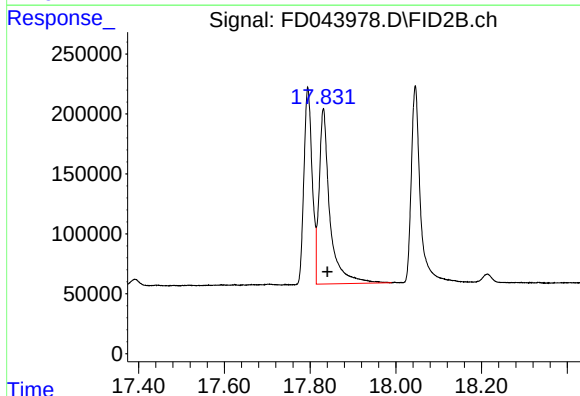
R.T.: 16.432 min
Delta R.T.: -0.009 min
Response: 2329743
Conc: 19.23 ug/ml

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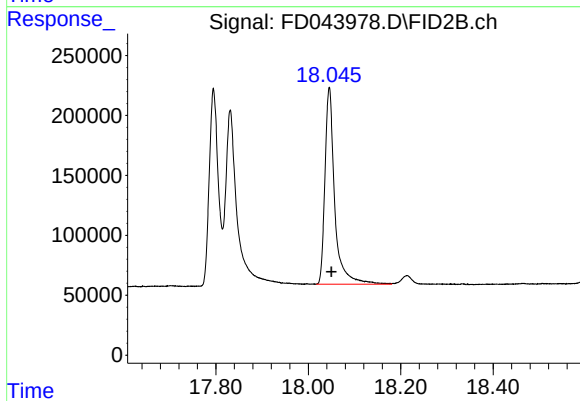
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.795 min
Delta R.T.: -0.006 min
Response: 2176242
Conc: 22.89 ug/ml



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

R.T.: 17.831 min
Delta R.T.: -0.010 min
Response: 2554191
Conc: 21.26 ug/ml



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

R.T.: 18.045 min
Delta R.T.: -0.005 min
Response: 2412762
Conc: 21.17 ug/ml