

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101022AR\
 Data File : FD044069.D
 Signal(s) : FID2B.ch
 Acq On : 10 Oct 2022 09:57
 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: Oct 11 05:58:24 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...	7.424	2407552	18.297 ug/ml
Spiked Amount 50.000		Recovery =	36.59%
6) S 2-Fluorobiphenyl (SURR)	8.283	1360654	18.862 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.72%
11) S ortho-Terphenyl (SURR)	11.303	3507235	18.826 ug/ml
Spiked Amount 50.000		Recovery =	37.65%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.231	2660289	17.702 ug/ml
2) T Naphthalene (C11.7)	5.765	2630550	18.473 ug/ml
3) T 2-Methylnaphthalene (...)	6.810	2730750	18.667 ug/ml
5) T Acenaphthylene (C15.06)	8.078	2807880	18.197 ug/ml
7) T Acenaphthene (C15.5)	8.368	3227760	18.444 ug/ml
8) T Flouorene (C16.55)	9.151	2807579	19.101 ug/ml
9) T Phenanthrene (C19.36)	10.541	2807381	19.400 ug/ml
10) T Anthracene (C19.43)	10.620	2768103	18.862 ug/ml
12) T Fluoranthene (C21.85)	12.345	3031560	19.765 ug/ml
13) T Pyrene (C20.8)	12.638	2987094	20.080 ug/ml
14) T Benzo[a]anthracene (C...	14.507	2510276	22.455 ug/ml
15) T Chrysene (C27.41)	14.549	3250230	20.797 ug/ml
16) T benzo[b]fluoranthene ...	16.051	2704974	23.195 ug/ml
17) T Bnezo[k]fluoranthene ...	16.082	3134207	21.111 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.432	2269824	18.739 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.794	2308145	24.276 ug/ml
20) T Dibenz[a,h]anthracene...	17.830	2788312	23.211 ug/ml
21) T Benzo[g,h,i]perylene ...	18.042	2627052	23.053 ug/ml

(f)=RT Delta > 1/2 Window

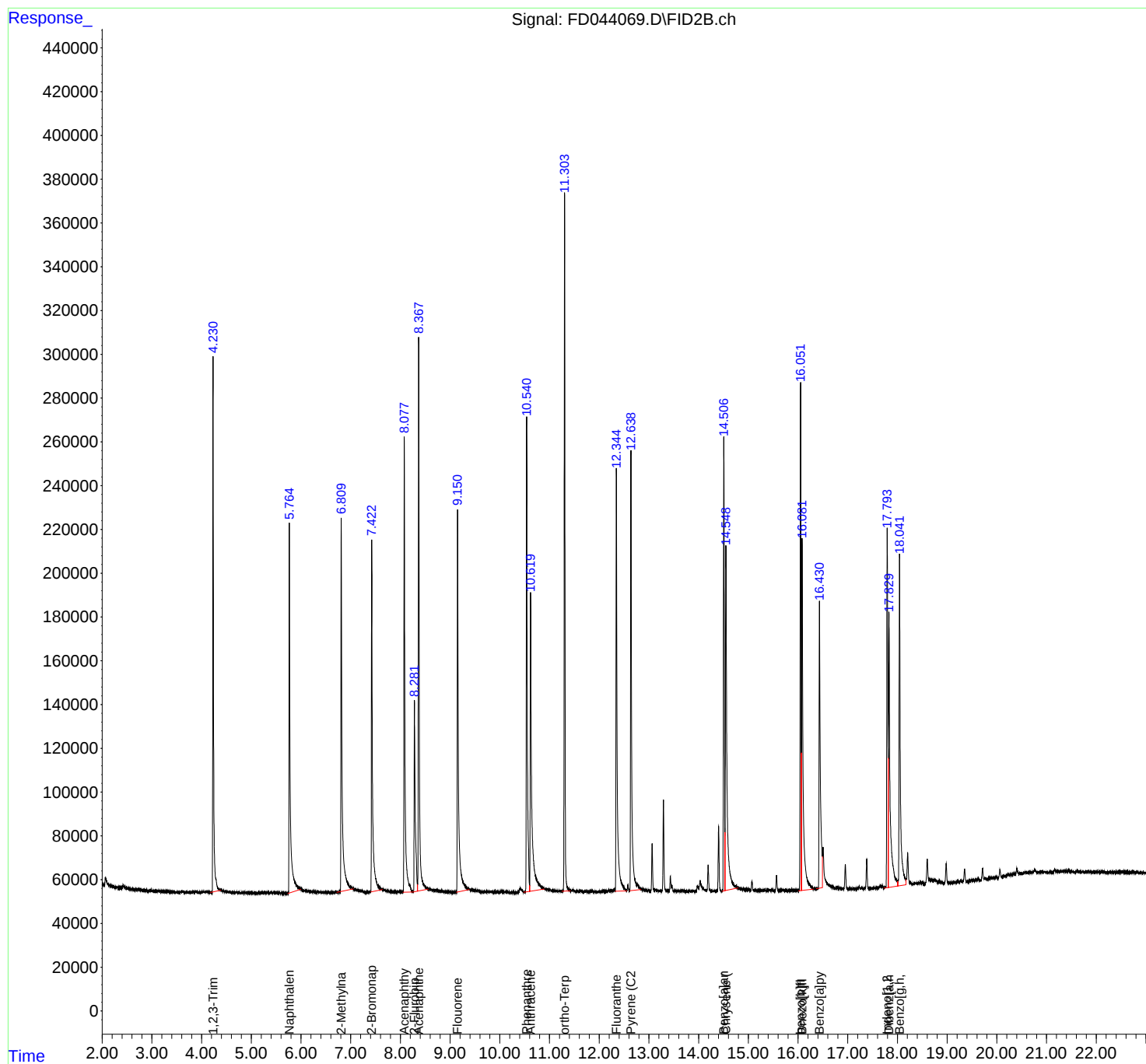
(m)=manual int.

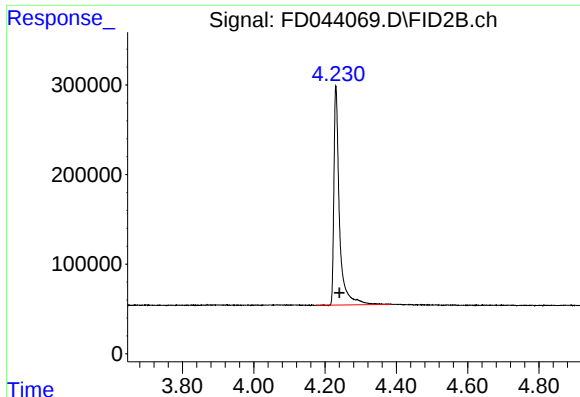
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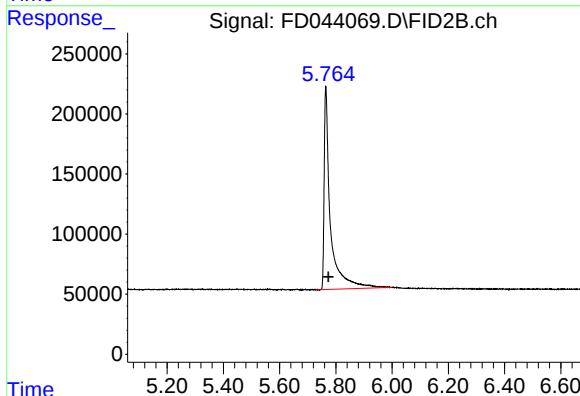




#1 1,2,3-Trimethylbenzene (C10.1)

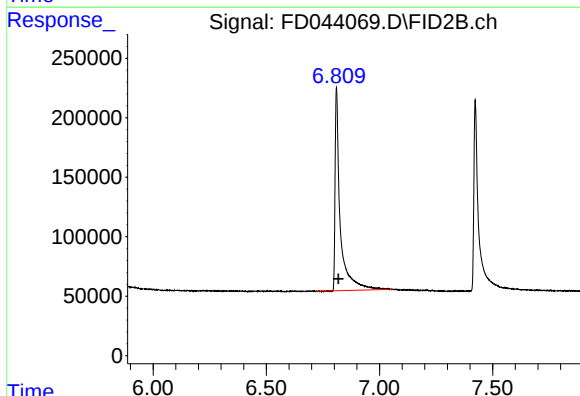
R.T.: 4.231 min
Delta R.T.: -0.009 min
Response: 2660289
Conc: 17.70 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



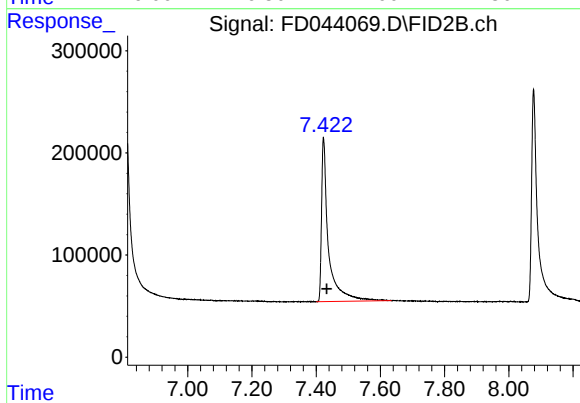
#2 Naphthalene (C11.7)

R.T.: 5.765 min
Delta R.T.: -0.009 min
Response: 2630550
Conc: 18.47 ug/ml



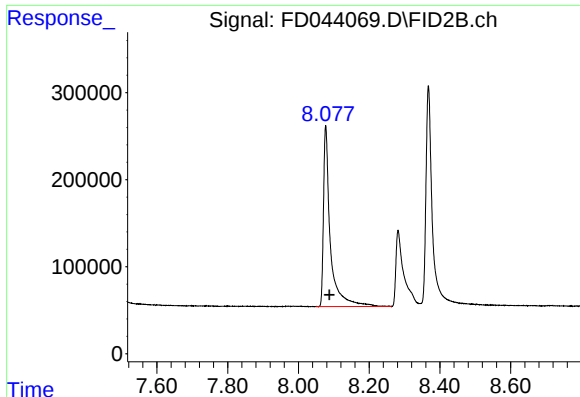
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.810 min
Delta R.T.: -0.009 min
Response: 2730750
Conc: 18.67 ug/ml



#4 2-Bromonaphthalene (SURR)

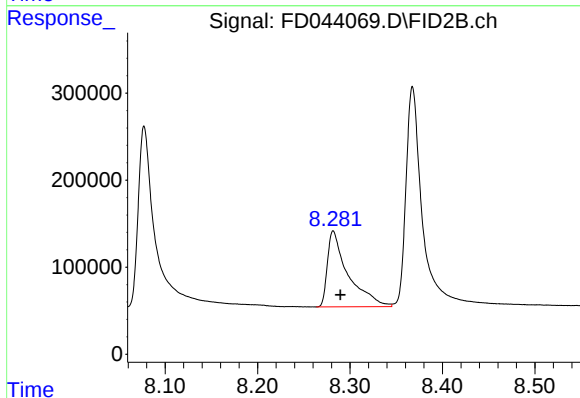
R.T.: 7.424 min
Delta R.T.: -0.009 min
Response: 2407552
Conc: 18.30 ug/ml



#5 Acenaphthylene (C15.06)

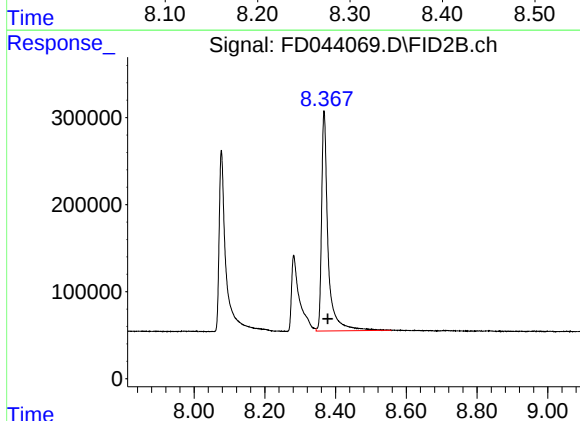
R.T.: 8.078 min
Delta R.T.: -0.010 min
Response: 2807880
Conc: 18.20 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



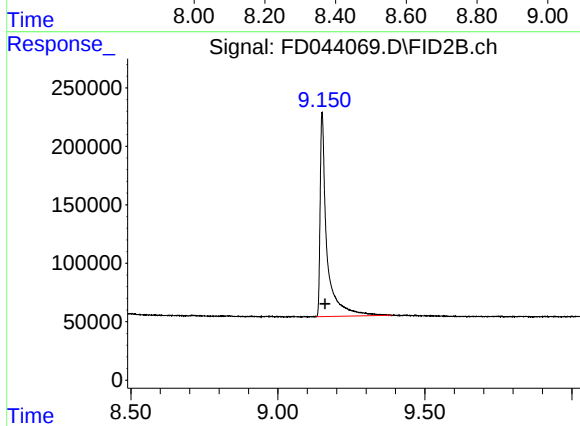
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.283 min
Delta R.T.: -0.007 min
Response: 1360654
Conc: 18.86 ug/ml



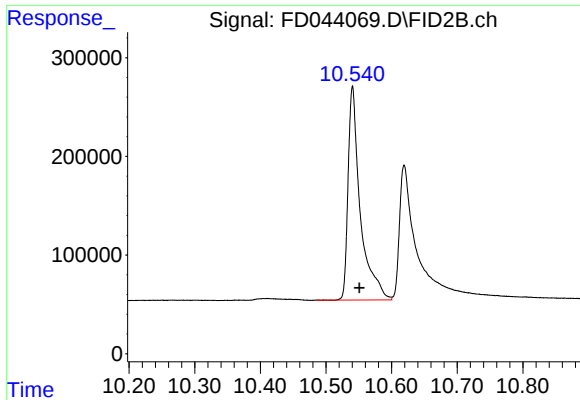
#7 Acenaphthene (C15.5)

R.T.: 8.368 min
Delta R.T.: -0.010 min
Response: 3227760
Conc: 18.44 ug/ml



#8 Fluorene (C16.55)

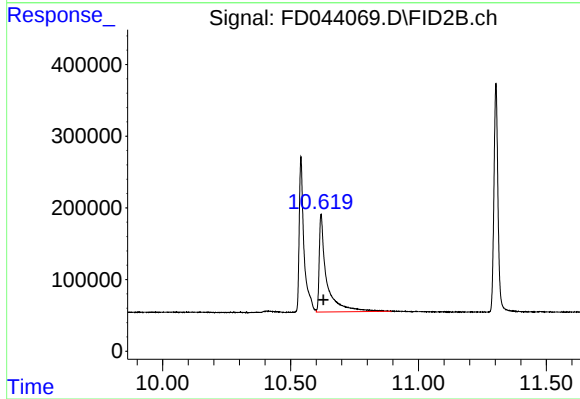
R.T.: 9.151 min
Delta R.T.: -0.010 min
Response: 2807579
Conc: 19.10 ug/ml



#9 Phenanthrene (C19.36)

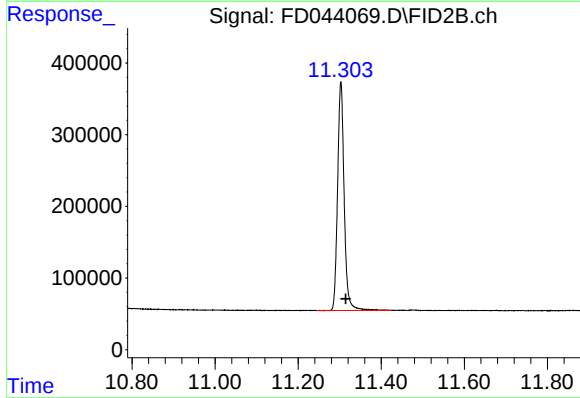
R.T.: 10.541 min
Delta R.T.: -0.010 min
Response: 2807381
Conc: 19.40 ug/ml

Instrument :
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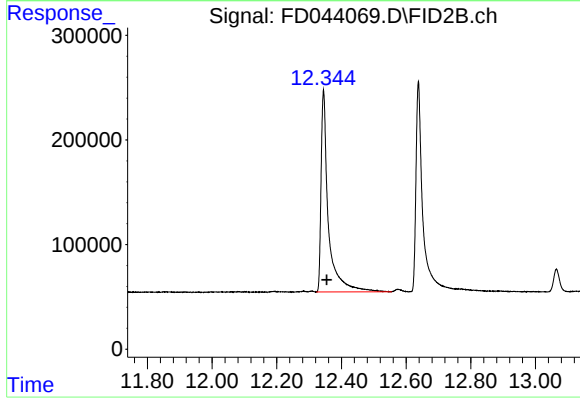
#10 Anthracene (C19.43)

R.T.: 10.620 min
Delta R.T.: -0.008 min
Response: 2768103
Conc: 18.86 ug/ml



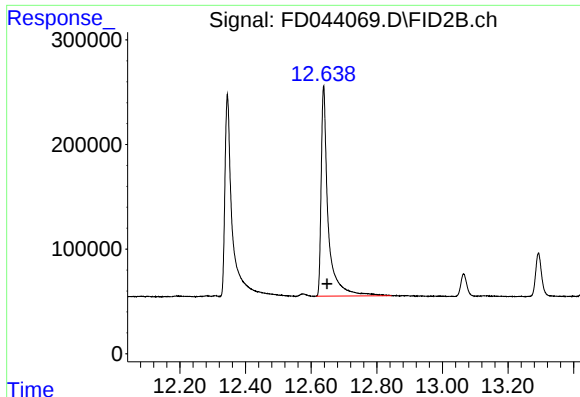
#11 ortho-Terphenyl (SURR)

R.T.: 11.303 min
Delta R.T.: -0.012 min
Response: 3507235
Conc: 18.83 ug/ml



#12 Fluoranthene (C21.85)

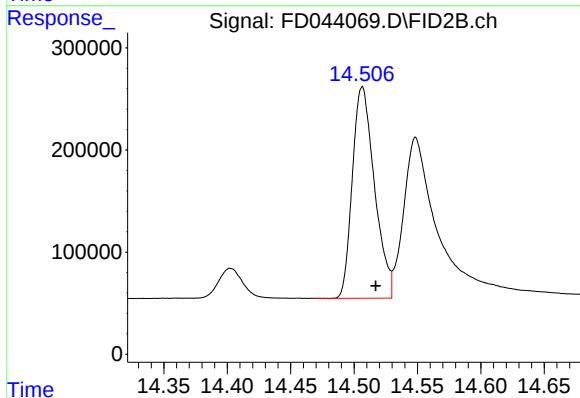
R.T.: 12.345 min
Delta R.T.: -0.010 min
Response: 3031560
Conc: 19.77 ug/ml



#13 Pyrene (C20.8)

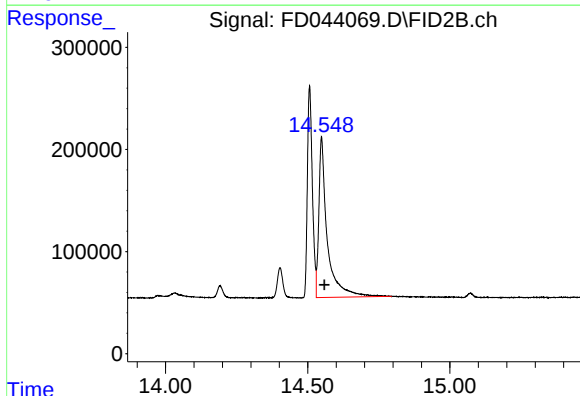
R.T.: 12.638 min
Delta R.T.: -0.011 min
Response: 2987094
Conc: 20.08 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



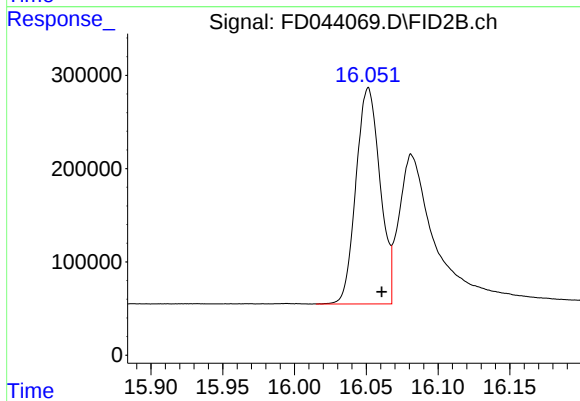
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.507 min
Delta R.T.: -0.010 min
Response: 2510276
Conc: 22.46 ug/ml



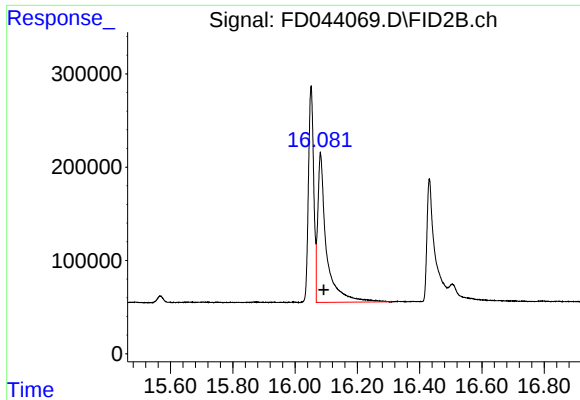
#15 Chrysene (C27.41)

R.T.: 14.549 min
Delta R.T.: -0.009 min
Response: 3250230
Conc: 20.80 ug/ml



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

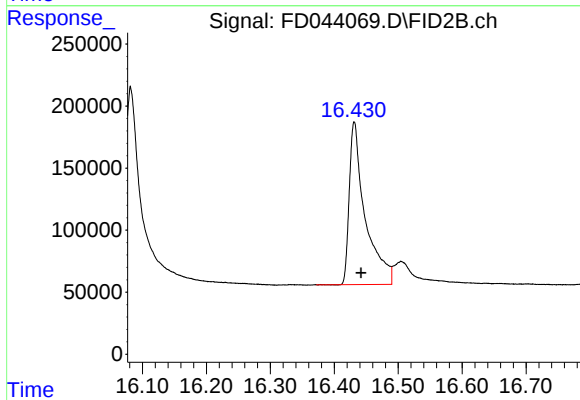
R.T.: 16.051 min
Delta R.T.: -0.009 min
Response: 2704974
Conc: 23.20 ug/ml



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

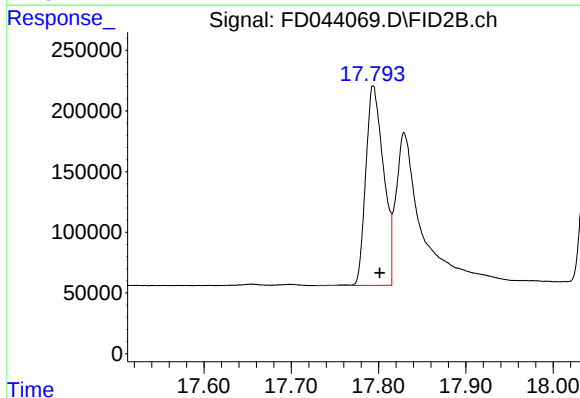
R.T.: 16.082 min
Delta R.T.: -0.011 min
Response: 3134207
Conc: 21.11 ug/ml

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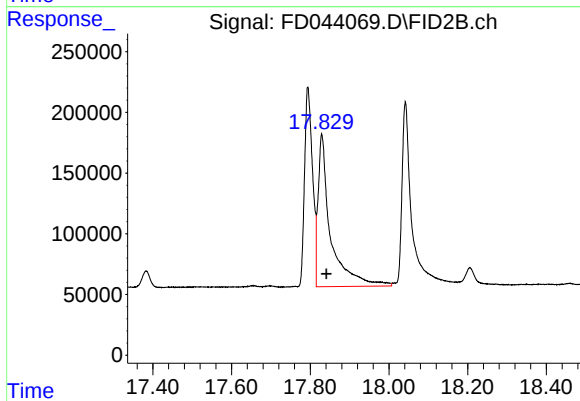
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.432 min
Delta R.T.: -0.010 min
Response: 2269824
Conc: 18.74 ug/ml



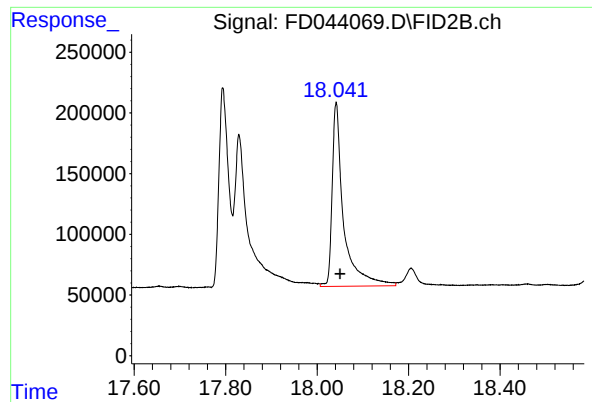
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.794 min
Delta R.T.: -0.007 min
Response: 2308145
Conc: 24.28 ug/ml



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

R.T.: 17.830 min
Delta R.T.: -0.011 min
Response: 2788312
Conc: 23.21 ug/ml



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

R.T.: 18.042 min
Delta R.T.: -0.008 min
Response: 2627052
Conc: 23.05 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD