

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101322AR\
 Data File : FD044127.D
 Signal(s) : FID2B.ch
 Acq On : 14 Oct 2022 00:57
 Operator : YP/AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 5 PPM AROMATIC HC STD5

Integration File: autoint1.e
 Quant Time: Oct 14 01:32:50 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 101322.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 14 01:12:46 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	597549	4.813 ug/ml
Spiked Amount 50.000		Recovery =	9.63%
6) S 2-Fluorobiphenyl (SURR)	8.286	303711	4.033 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	8.07%
11) S ortho-Terphenyl (SURR)	11.304	930111	5.495 ug/ml
Spiked Amount 50.000		Recovery =	10.99%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.231	744863	5.277 ug/ml
2) T Naphthalene (C11.7)	5.766	644351	4.700 ug/ml
3) T 2-Methylnaphthalene (...)	6.811	644114	4.544 ug/ml
5) T Acenaphthylene (C15.06)	8.078	739399	5.271 ug/ml
7) T Acenaphthene (C15.5)	8.368	863132	5.551 ug/ml
8) T Flouorene (C16.55)	9.152	693114	4.927 ug/ml
9) T Phenanthrene (C19.36)	10.545	659325	4.896 ug/ml
10) T Anthracene (C19.43)	10.622	658300	4.899 ug/ml
12) T Fluoranthene (C21.85)	12.349	676103	5.063 ug/ml
13) T Pyrene (C20.8)	12.643	644523	5.103 ug/ml
14) T Benzo[a]anthracene (C...	14.515	477795	4.498 ug/ml
15) T Chrysene (C27.41)	14.555	733184	5.593 ug/ml
16) T benzo[b]fluoranthene ...	16.059	547911	4.882 ug/ml
17) T Bnezo[k]fluoranthene ...	16.089	723807	5.689 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.443	608141	5.234 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.805	497402	4.666 ug/ml
20) T Dibenz[a,h]anthracene...	17.842	703783	5.689 ug/ml
21) T Benzo[g,h,i]perylene ...	18.054	622556	5.303 ug/ml

(f)=RT Delta > 1/2 Window

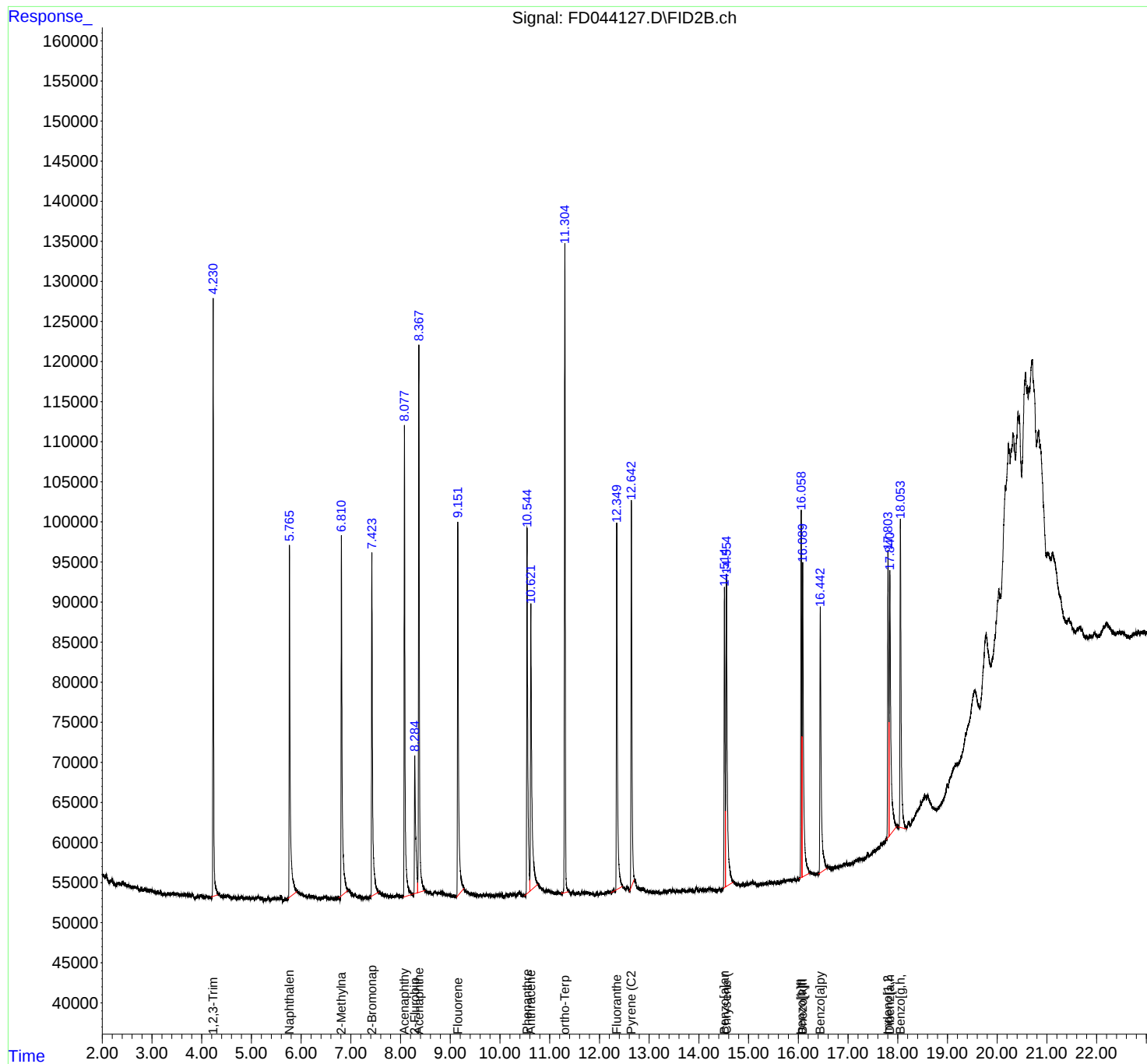
(m)=manual int.

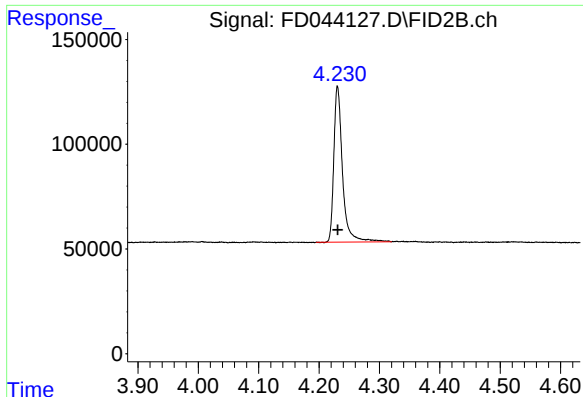
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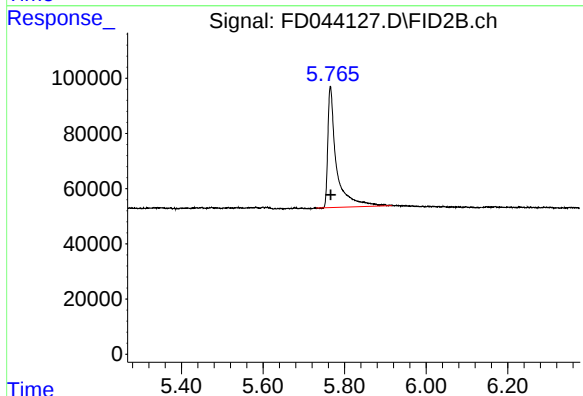




#1 1,2,3-Trimethylbenzene (C10.1)

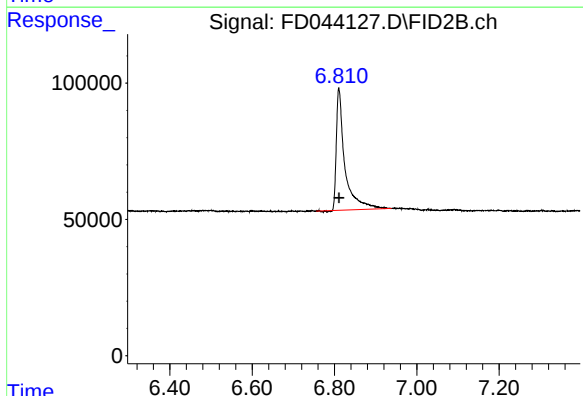
R.T.: 4.231 min
Delta R.T.: 0.000 min
Response: 744863
Conc: 5.28 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



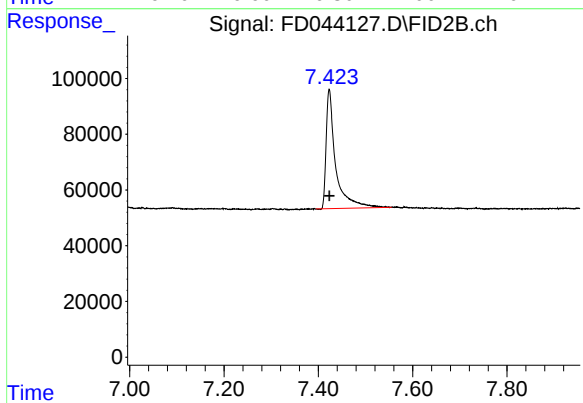
#2 Naphthalene (C11.7)

R.T.: 5.766 min
Delta R.T.: 0.000 min
Response: 644351
Conc: 4.70 ug/ml



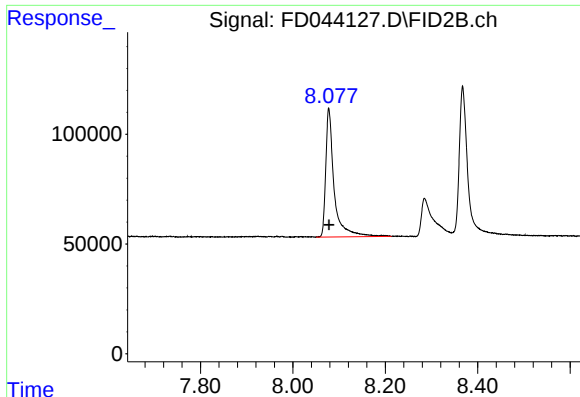
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.811 min
Delta R.T.: 0.000 min
Response: 644114
Conc: 4.54 ug/ml



#4 2-Bromonaphthalene (SURR)

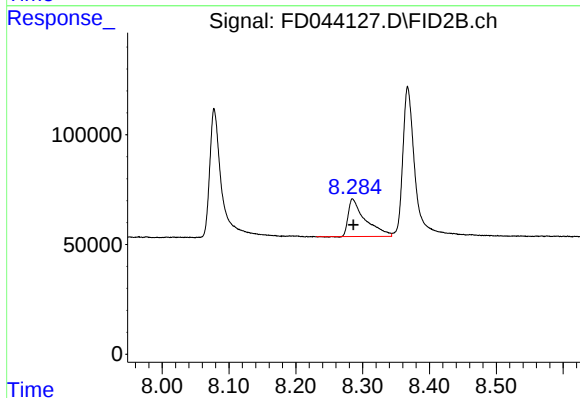
R.T.: 7.424 min
Delta R.T.: 0.000 min
Response: 597549
Conc: 4.81 ug/ml



#5 Acenaphthylene (C15.06)

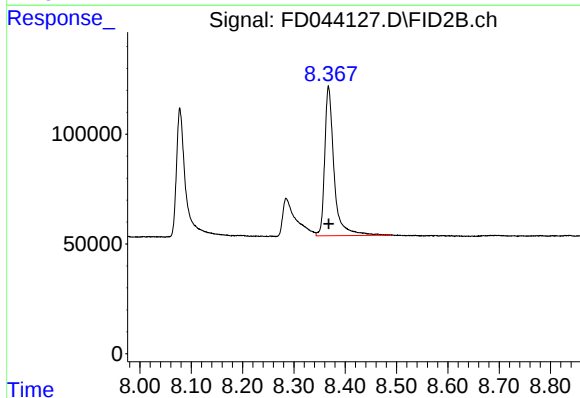
R.T.: 8.078 min
Delta R.T.: 0.000 min
Response: 739399
Conc: 5.27 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



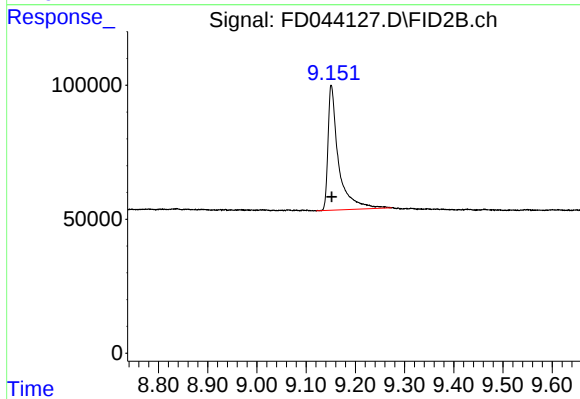
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.286 min
Delta R.T.: 0.000 min
Response: 303711
Conc: 4.03 ug/ml



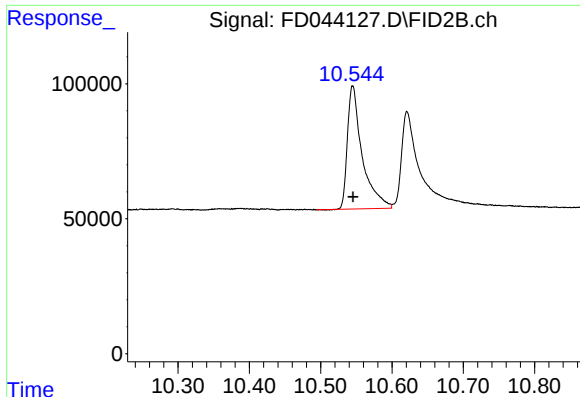
#7 Acenaphthene (C15.5)

R.T.: 8.368 min
Delta R.T.: 0.000 min
Response: 863132
Conc: 5.55 ug/ml



#8 Flouorene (C16.55)

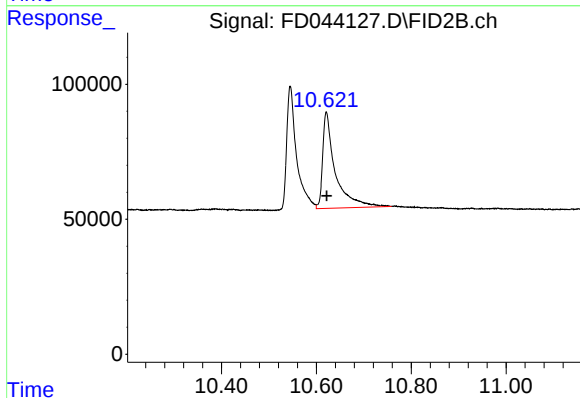
R.T.: 9.152 min
Delta R.T.: 0.000 min
Response: 693114
Conc: 4.93 ug/ml



#9 Phenanthrene (C19.36)

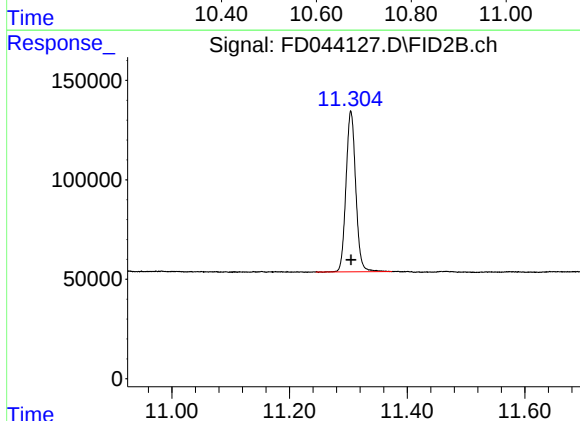
R.T.: 10.545 min
Delta R.T.: 0.000 min
Response: 659325
Conc: 4.90 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



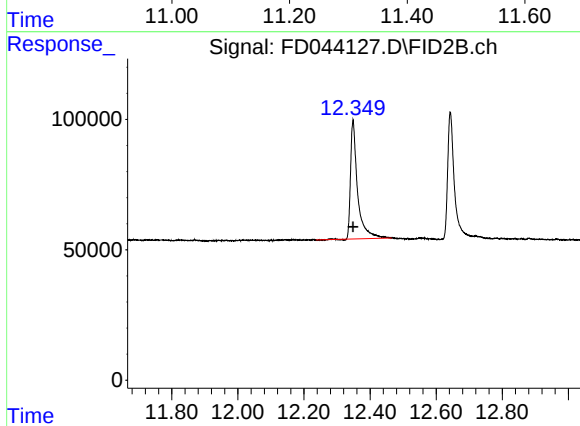
#10 Anthracene (C19.43)

R.T.: 10.622 min
Delta R.T.: 0.000 min
Response: 658300
Conc: 4.90 ug/ml



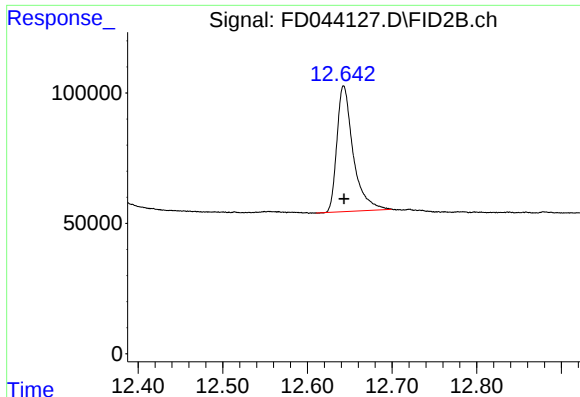
#11 ortho-Terphenyl (SURR)

R.T.: 11.304 min
Delta R.T.: 0.000 min
Response: 930111
Conc: 5.50 ug/ml



#12 Fluoranthene (C21.85)

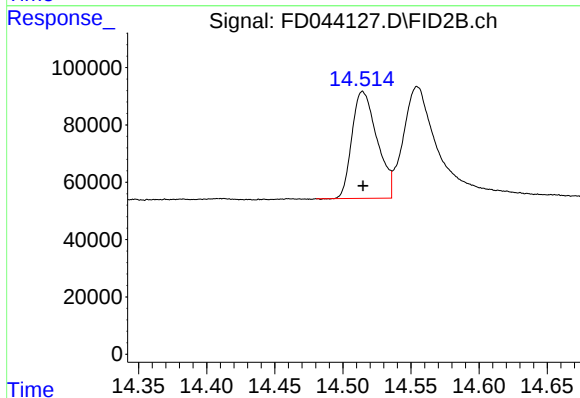
R.T.: 12.349 min
Delta R.T.: 0.000 min
Response: 676103
Conc: 5.06 ug/ml



#13 Pyrene (C20.8)

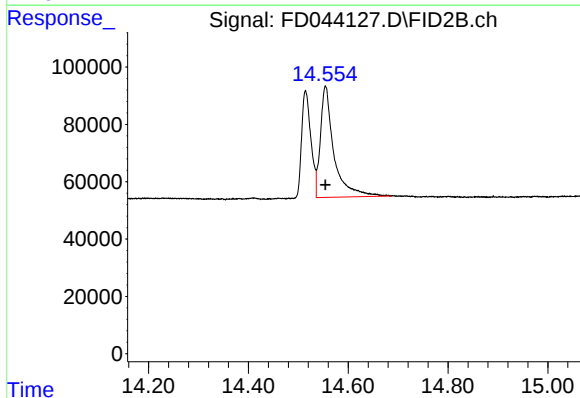
R.T.: 12.643 min
Delta R.T.: 0.000 min
Response: 644523
Conc: 5.10 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



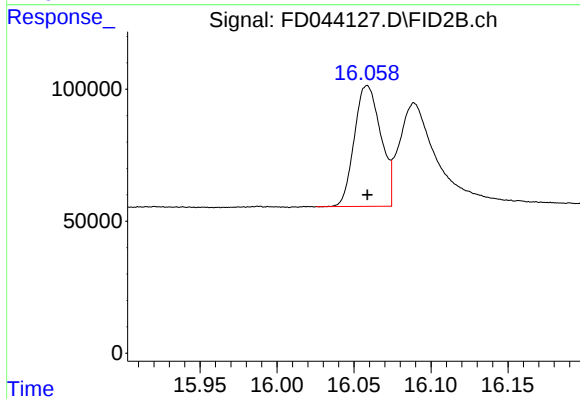
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.515 min
Delta R.T.: 0.000 min
Response: 477795
Conc: 4.50 ug/ml



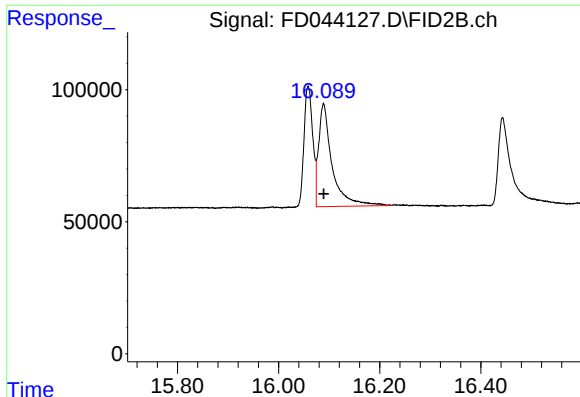
#15 Chrysene (C27.41)

R.T.: 14.555 min
Delta R.T.: 0.000 min
Response: 733184
Conc: 5.59 ug/ml



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

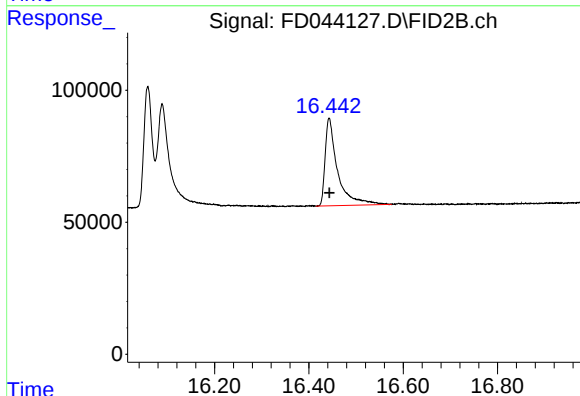
R.T.: 16.059 min
Delta R.T.: 0.000 min
Response: 547911
Conc: 4.88 ug/ml



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

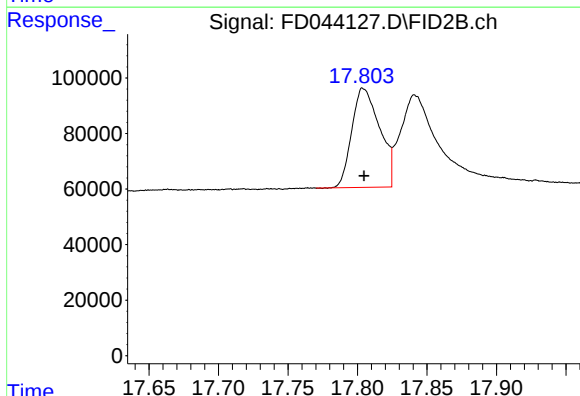
R.T.: 16.089 min
Delta R.T.: 0.000 min
Response: 723807
Conc: 5.69 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



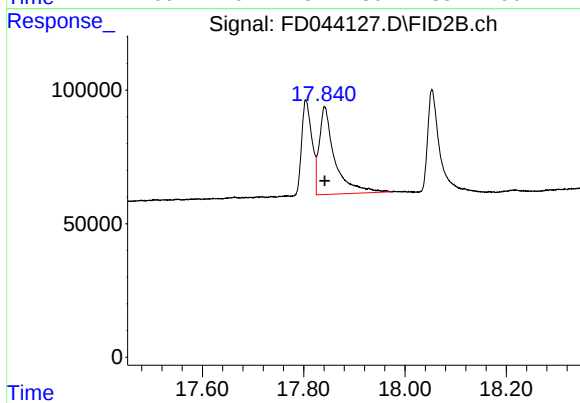
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.443 min
Delta R.T.: 0.000 min
Response: 608141
Conc: 5.23 ug/ml



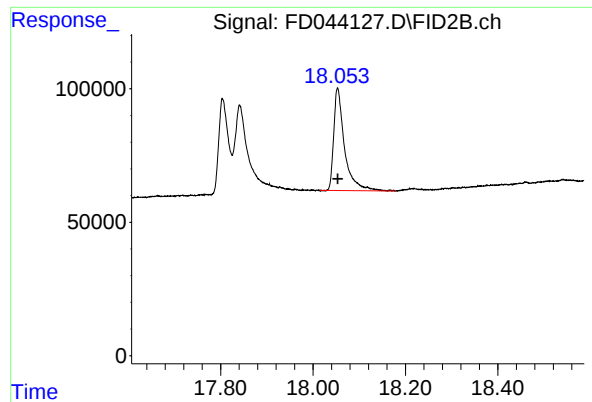
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.805 min
Delta R.T.: 0.000 min
Response: 497402
Conc: 4.67 ug/ml



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

R.T.: 17.842 min
Delta R.T.: 0.000 min
Response: 703783
Conc: 5.69 ug/ml



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

R.T.: 18.054 min
Delta R.T.: 0.000 min
Response: 622556
Conc: 5.30 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5