

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101322AR\
 Data File : FD044128.D
 Signal(s) : FID2B.ch
 Acq On : 14 Oct 2022 01:44
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Oct 14 02:13:59 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 101322.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 14 01:33:37 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...	7.418	2528366	20.364 ug/ml
Spiked Amount 50.000		Recovery =	40.73%
6) S 2-Fluorobiphenyl (SURR)	8.273	1563336	20.762 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.52%
11) S ortho-Terphenyl (SURR)	11.304	3353669	19.814 ug/ml
Spiked Amount 50.000		Recovery =	39.63%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.230	2788046	19.752 ug/ml
2) T Naphthalene (C11.7)	5.760	2861189	20.870 ug/ml
3) T 2-Methylnaphthalene (...)	6.805	2908359	20.516 ug/ml
5) T Acenaphthylene (C15.06)	8.074	2820769	20.108 ug/ml
7) T Acenaphthene (C15.5)	8.366	3083398	19.828 ug/ml
8) T Flouorene (C16.55)	9.147	2858588	20.320 ug/ml
9) T Phenanthrene (C19.36)	10.538	2708174	20.109 ug/ml
10) T Anthracene (C19.43)	10.613	2730614	20.322 ug/ml
12) T Fluoranthene (C21.85)	12.344	2640993	19.775 ug/ml
13) T Pyrene (C20.8)	12.638	2491661	19.726 ug/ml
14) T Benzo[a]anthracene (C...	14.508	2148192	20.224 ug/ml
15) T Chrysene (C27.41)	14.549	2567960	19.590 ug/ml
16) T benzo[b]fluoranthene ...	16.056	2246849	20.021 ug/ml
17) T Bnezo[k]fluoranthene ...	16.087	2497304	19.629 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.435	2316243	19.933 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.799	2119248	19.879 ug/ml
20) T Dibenz[a,h]anthracene...	17.835	2463981	19.917 ug/ml
21) T Benzo[g,h,i]perylene ...	18.050	2350157	20.019 ug/ml

(f)=RT Delta > 1/2 Window

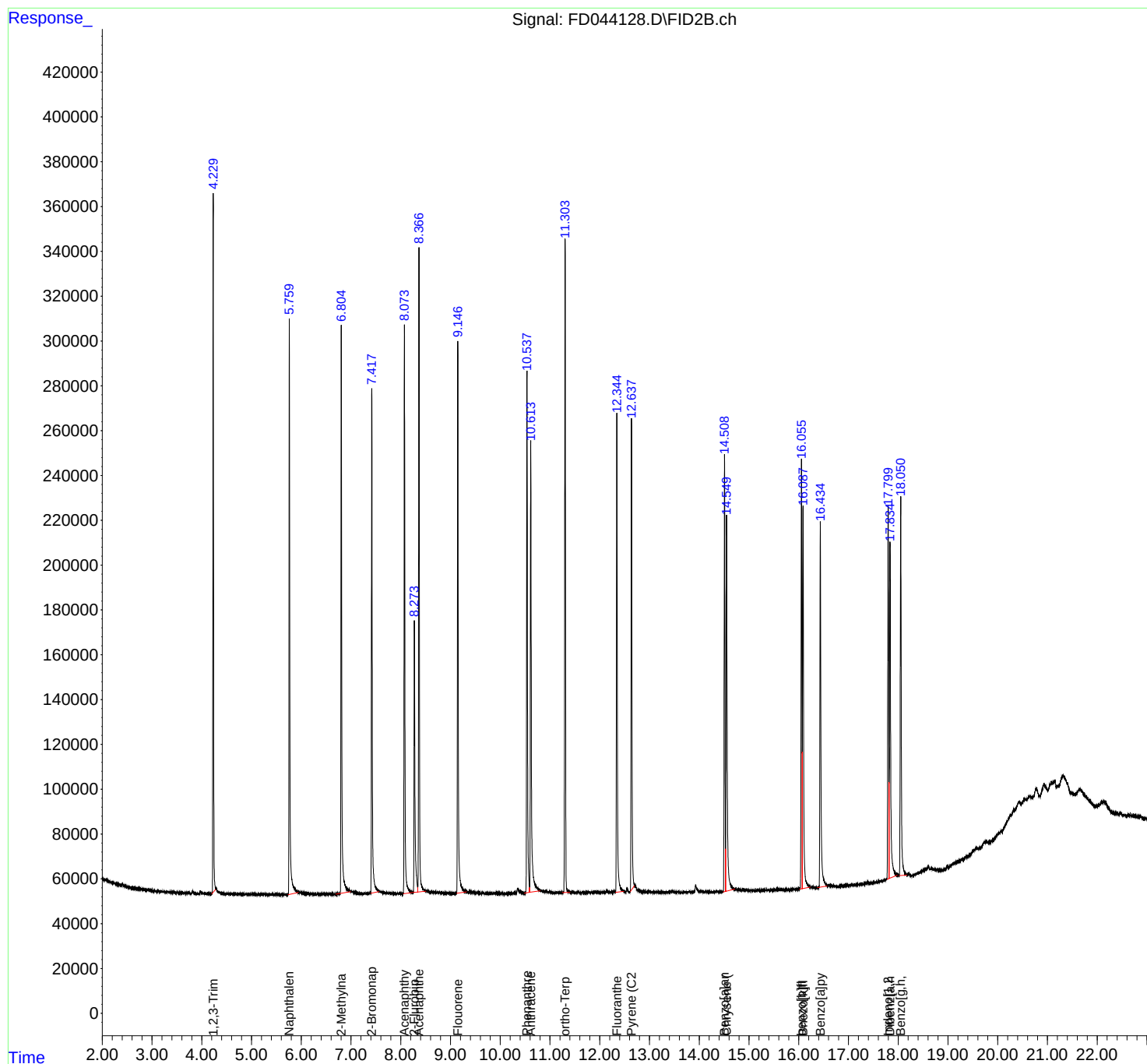
(m)=manual int.

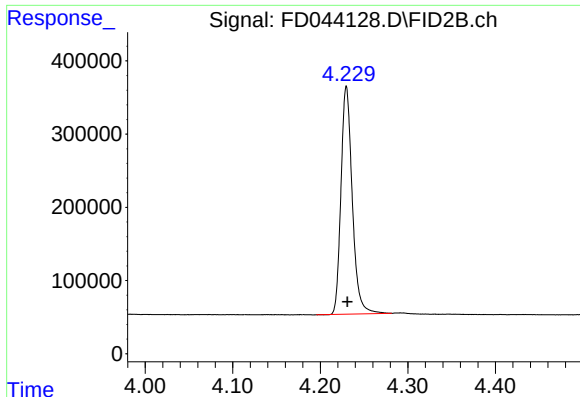
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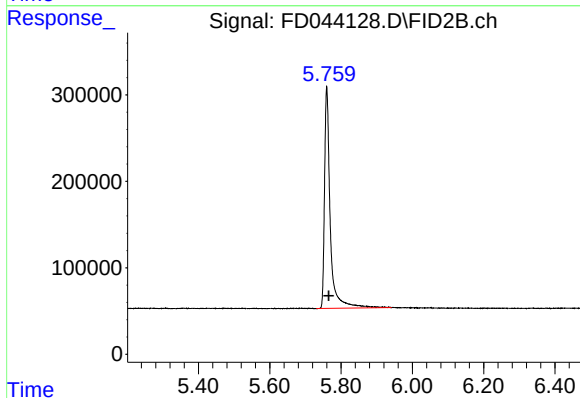




#1 1,2,3-Trimethylbenzene (C10.1)

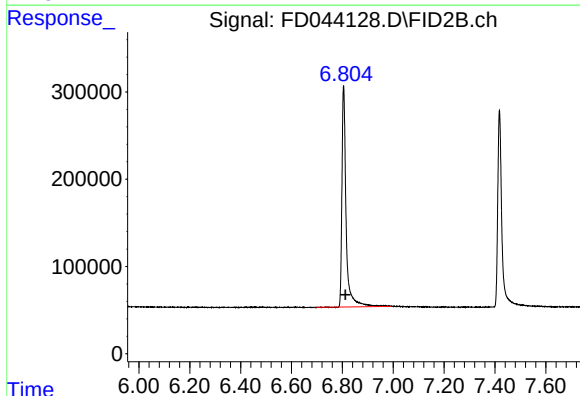
R.T.: 4.230 min
Delta R.T.: 0.000 min
Response: 2788046
Conc: 19.75 ug/ml

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20 PPM AROMATIC HC STD ICV



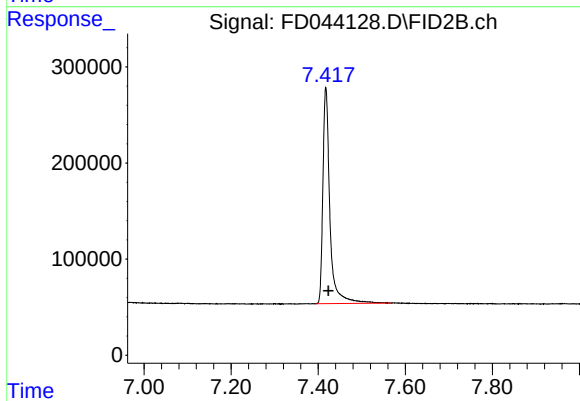
#2 Naphthalene (C11.7)

R.T.: 5.760 min
Delta R.T.: -0.005 min
Response: 2861189
Conc: 20.87 ug/ml



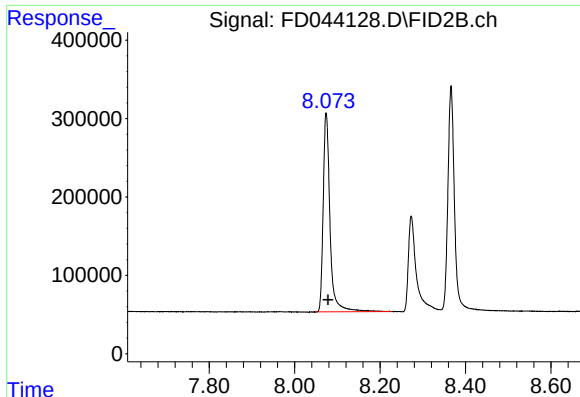
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.805 min
Delta R.T.: -0.006 min
Response: 2908359
Conc: 20.52 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.418 min
Delta R.T.: -0.006 min
Response: 2528366
Conc: 20.36 ug/ml



#5 Acenaphthylene (C15.06)

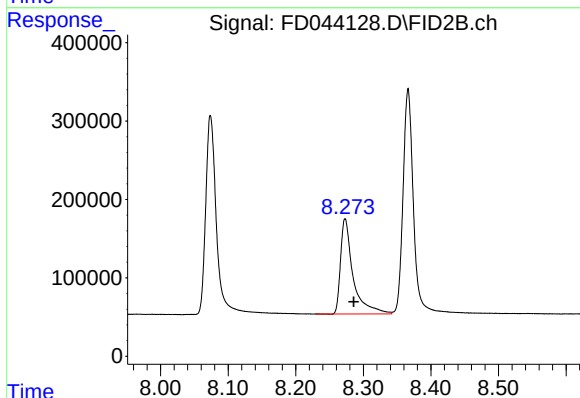
R.T.: 8.074 min
Delta R.T.: -0.004 min
Response: 2820769
Conc: 20.11 ug/ml

Instrument :

FID_D

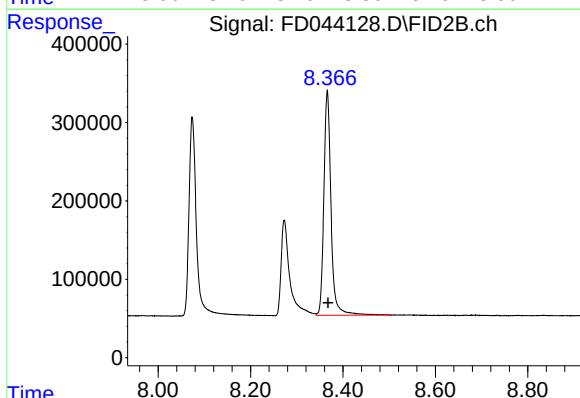
ClientSampleId :

20 PPM AROMATIC HC STD ICV



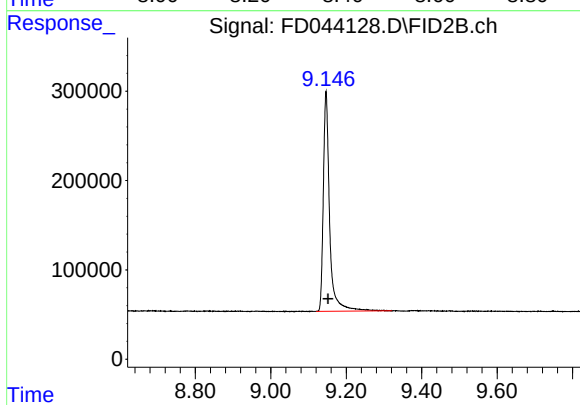
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.273 min
Delta R.T.: -0.012 min
Response: 1563336
Conc: 20.76 ug/ml



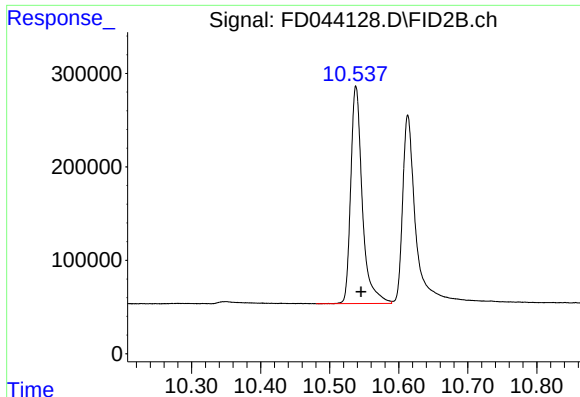
#7 Acenaphthene (C15.5)

R.T.: 8.366 min
Delta R.T.: -0.002 min
Response: 3083398
Conc: 19.83 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.147 min
Delta R.T.: -0.005 min
Response: 2858588
Conc: 20.32 ug/ml



#9 Phenanthrene (C19.36)

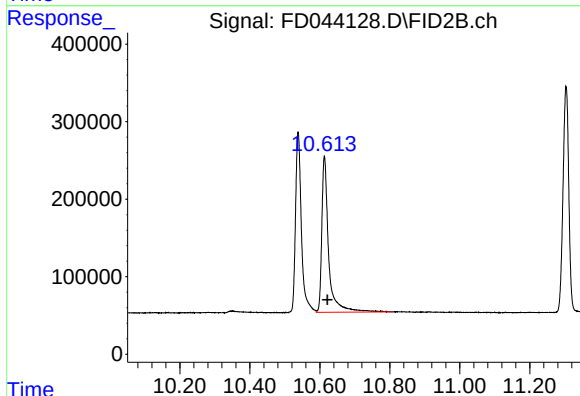
R.T.: 10.538 min
Delta R.T.: -0.007 min
Response: 2708174
Conc: 20.11 ug/ml

Instrument :

FID_D

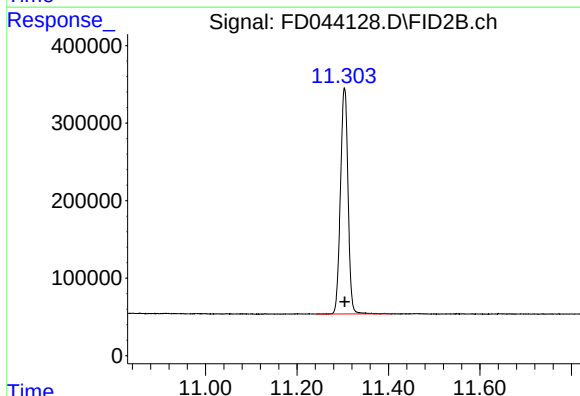
ClientSampleId :

20 PPM AROMATIC HC STD ICV



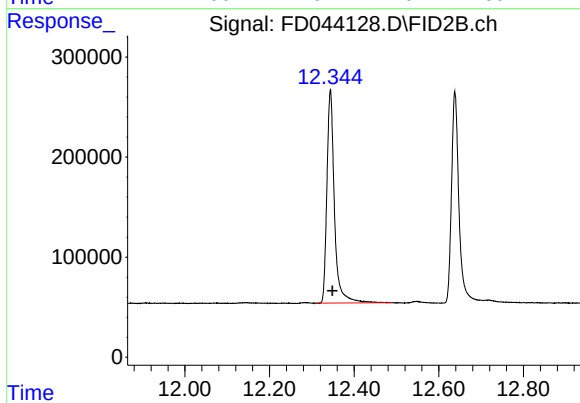
#10 Anthracene (C19.43)

R.T.: 10.613 min
Delta R.T.: -0.008 min
Response: 2730614
Conc: 20.32 ug/ml



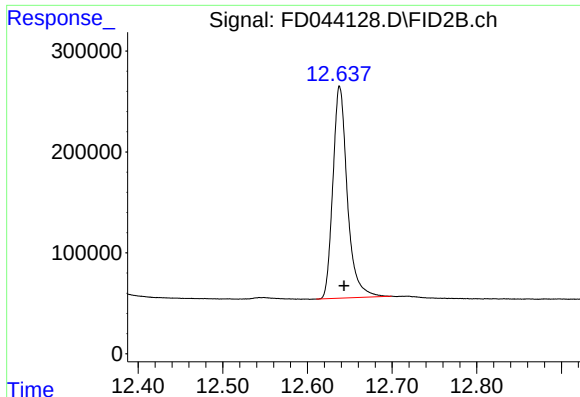
#11 ortho-Terphenyl (SURR)

R.T.: 11.304 min
Delta R.T.: 0.000 min
Response: 3353669
Conc: 19.81 ug/ml



#12 Fluoranthene (C21.85)

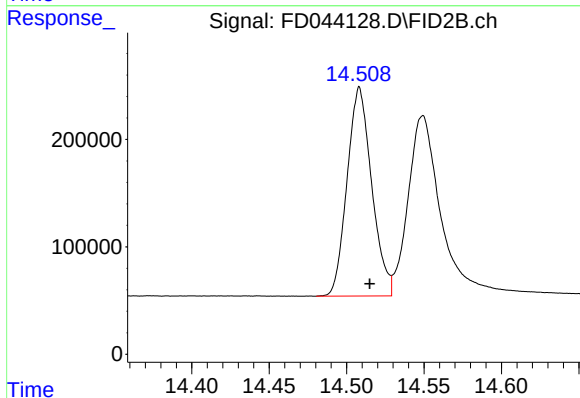
R.T.: 12.344 min
Delta R.T.: -0.005 min
Response: 2640993
Conc: 19.78 ug/ml



#13 Pyrene (C20.8)

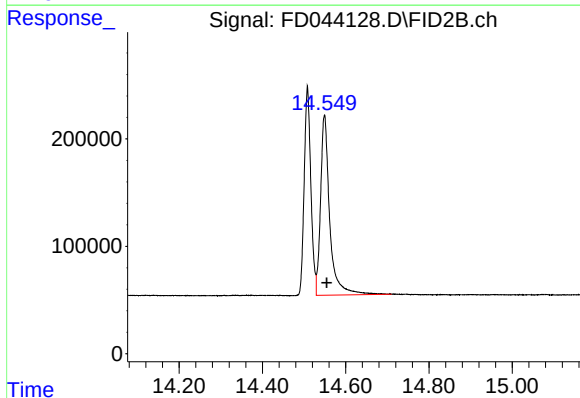
R.T.: 12.638 min
Delta R.T.: -0.005 min
Response: 2491661
Conc: 19.73 ug/ml

Instrument :
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20 PPM AROMATIC HC STD ICV



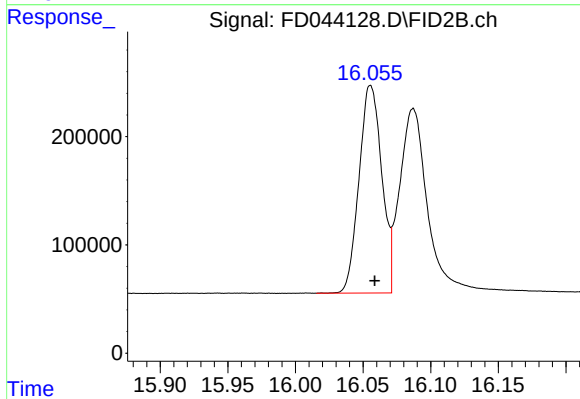
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.508 min
Delta R.T.: -0.007 min
Response: 2148192
Conc: 20.22 ug/ml



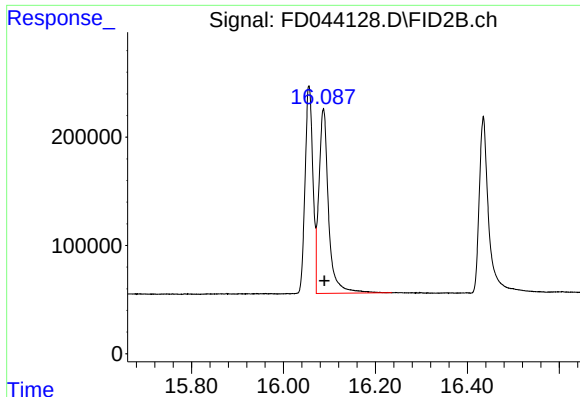
#15 Chrysene (C27.41)

R.T.: 14.549 min
Delta R.T.: -0.005 min
Response: 2567960
Conc: 19.59 ug/ml



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

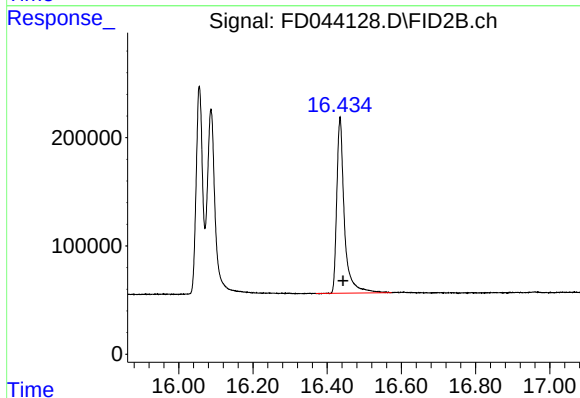
R.T.: 16.056 min
Delta R.T.: -0.003 min
Response: 2246849
Conc: 20.02 ug/ml



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

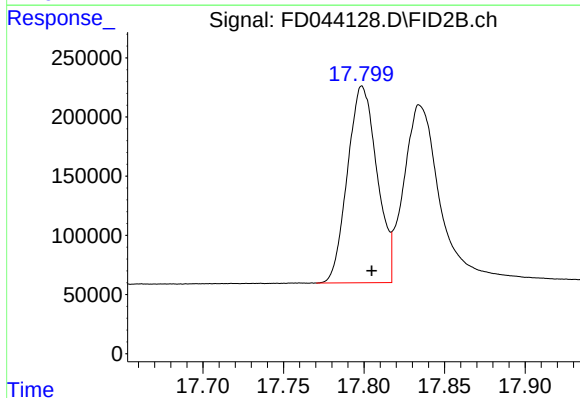
R.T.: 16.087 min
Delta R.T.: -0.002 min
Response: 2497304
Conc: 19.63 ug/ml

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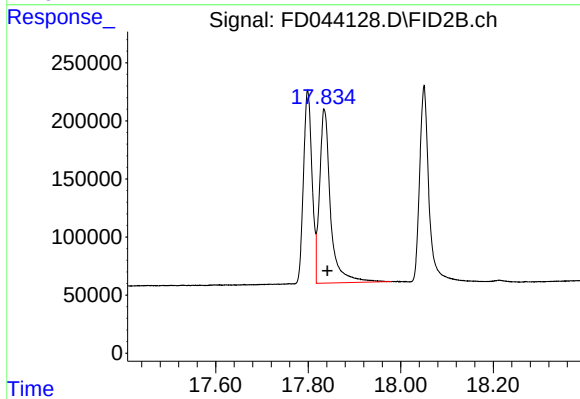
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.435 min
Delta R.T.: -0.009 min
Response: 2316243
Conc: 19.93 ug/ml



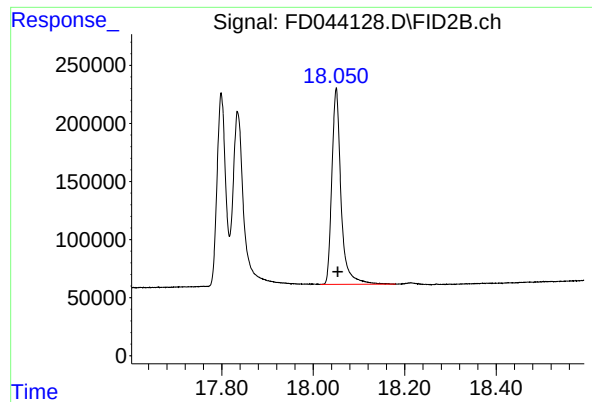
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.799 min
Delta R.T.: -0.006 min
Response: 2119248
Conc: 19.88 ug/ml



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

R.T.: 17.835 min
Delta R.T.: -0.007 min
Response: 2463981
Conc: 19.92 ug/ml



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

R.T.: 18.050 min
Delta R.T.: -0.003 min
Response: 2350157
Conc: 20.02 ug/ml

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