

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120623AR\
 Data File : FD046998.D
 Signal(s) : FID2B.ch
 Acq On : 06 Dec 2023 14:04
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 07 00:04:51 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112423.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 24 13:30:33 2023
 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...	7.474	3507959	20.277 ug/ml
Spiked Amount 50.000		Recovery =	40.55%
6) S 2-Fluorobiphenyl (SURR)	8.327	2308523	21.229 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.46%
11) S ortho-Terphenyl (SURR)	11.365	4235557	21.285 ug/ml
Spiked Amount 50.000		Recovery =	42.57%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.288	3576089	19.220 ug/ml
2) T Naphthalene (C11.7)	5.814	3789200	19.898 ug/ml
3) T 2-Methylnaphthalene (...)	6.862	3847036	19.977 ug/ml
5) T Acenaphthylene (C15.06)	8.131	3551742	20.404 ug/ml
7) T Acenaphthene (C15.5)	8.426	3799385	20.487 ug/ml
8) T Fluorene (C16.55)	9.204	3664073	21.227 ug/ml
9) T Phenanthrene (C19.36)	10.592	3545584	21.595 ug/ml
10) T Anthracene (C19.43)	10.667	3256047	21.056 ug/ml
12) T Fluoranthene (C21.85)	12.396	3514183	22.172 ug/ml
13) T Pyrene (C20.8)	12.690	3436150	22.458 ug/ml
14) T Benzo[a]anthracene (C...	14.553	2876265	22.183 ug/ml
15) T Chrysene (C27.41)	14.595	3111407	21.707 ug/ml
16) T benzo[b]fluoranthene ...	16.095	2938199	21.998 ug/ml
17) T Bnezo[k]fluoranthene ...	16.127	3050967	22.331 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.470	2805960	21.418 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.827	2392529	20.051 ug/ml
20) T Dibenz[a,h]anthracene...	17.867	2784856	21.432 ug/ml
21) T Benzo[g,h,i]perylene ...	18.078	2622741	20.045 ug/ml

(f)=RT Delta > 1/2 Window

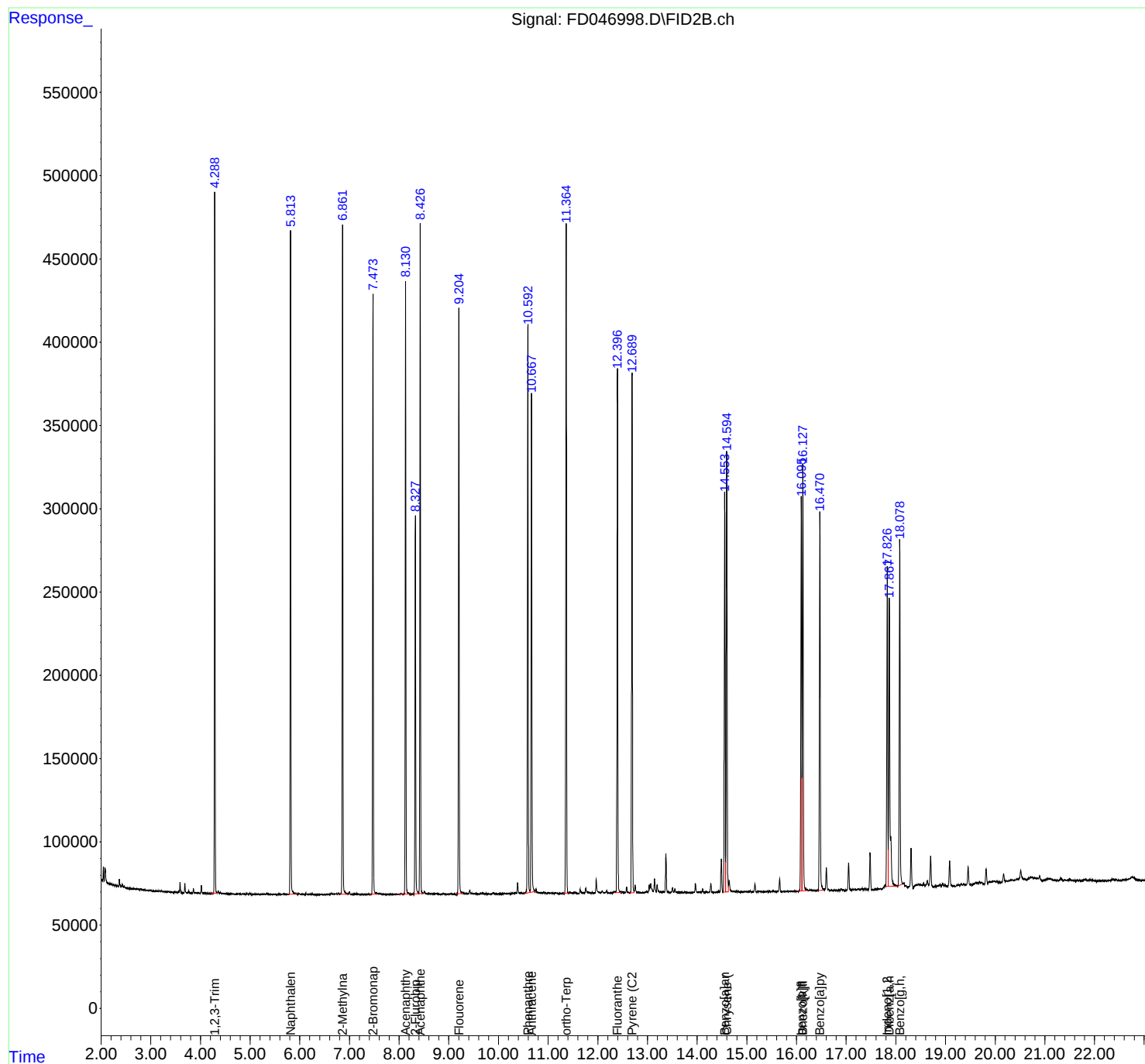
(m)=manual int.

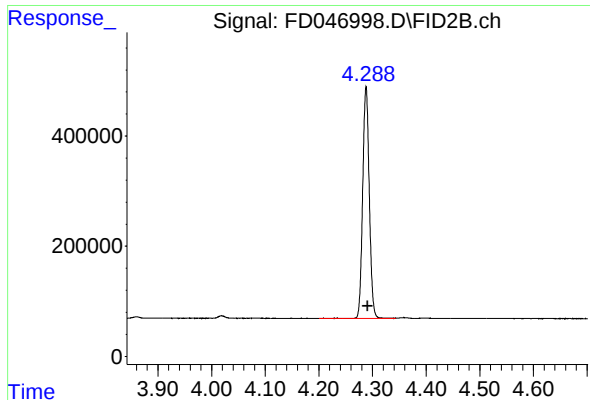
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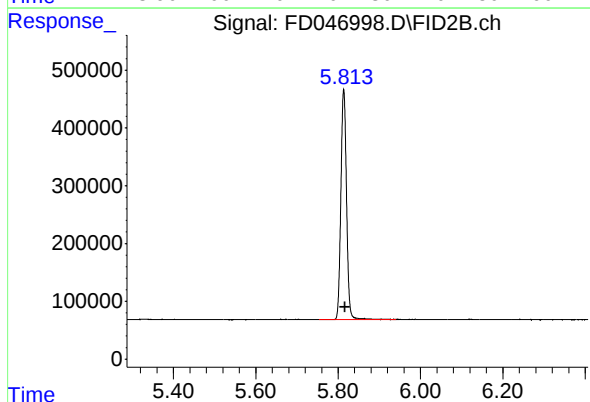




#1 1,2,3-Trimethylbenzene (C10.1)

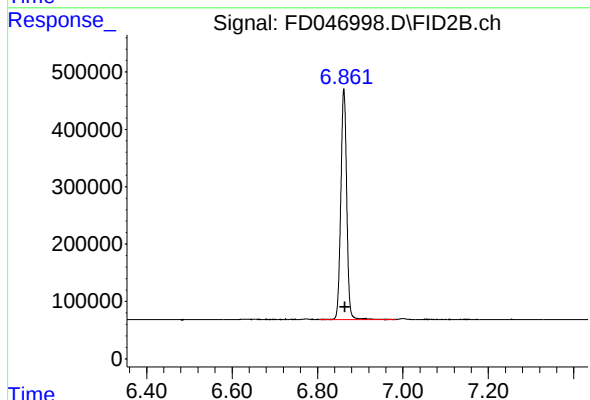
R.T.: 4.288 min
Delta R.T.: -0.003 min
Response: 3576089
Conc: 19.22 ug/ml

Instrument :
FID_D
ClientSampleId :



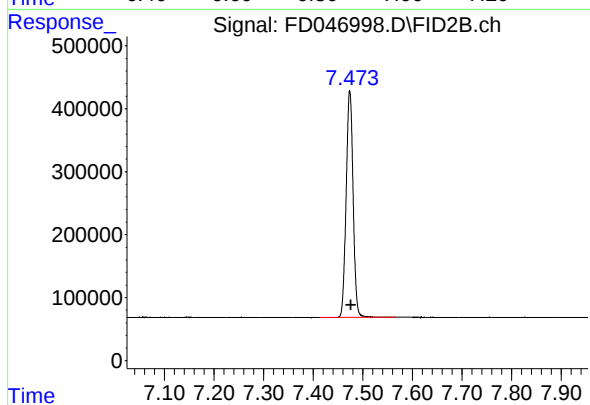
#2 Naphthalene (C11.7)

R.T.: 5.814 min
Delta R.T.: -0.003 min
Response: 3789200
Conc: 19.90 ug/ml



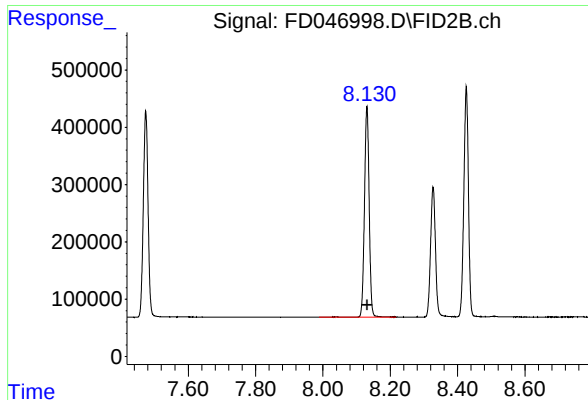
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.862 min
Delta R.T.: -0.002 min
Response: 3847036
Conc: 19.98 ug/ml



#4 2-Bromonaphthalene (SURR)

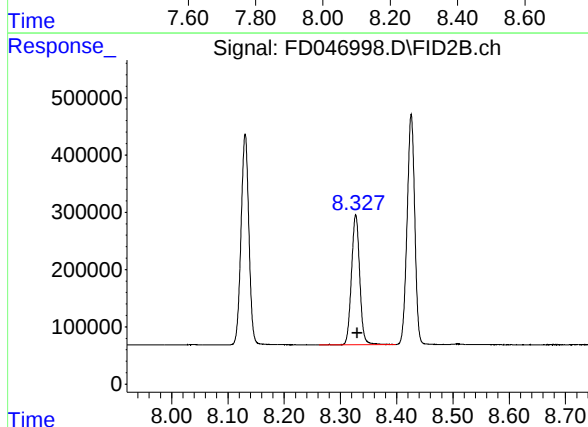
R.T.: 7.474 min
Delta R.T.: -0.003 min
Response: 3507959
Conc: 20.28 ug/ml



#5 Acenaphthylene (C15.06)

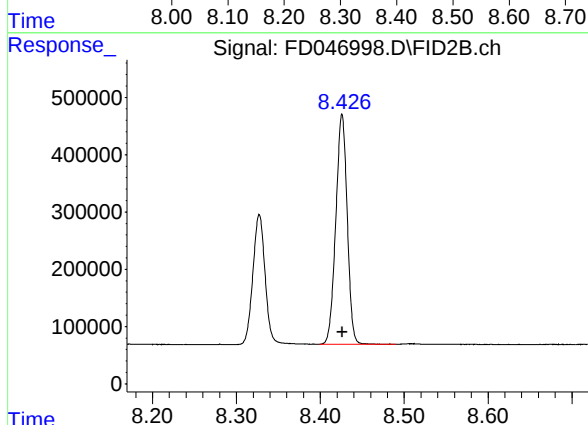
R.T.: 8.131 min
Delta R.T.: -0.002 min
Response: 3551742
Conc: 20.40 ug/ml

Instrument :
FID_D
ClientSampleId :



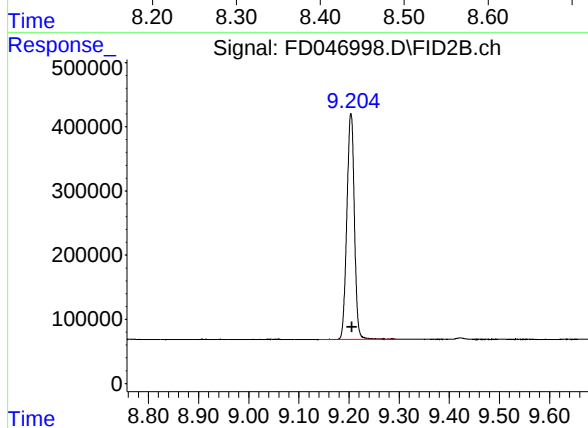
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.327 min
Delta R.T.: -0.002 min
Response: 2308523
Conc: 21.23 ug/ml



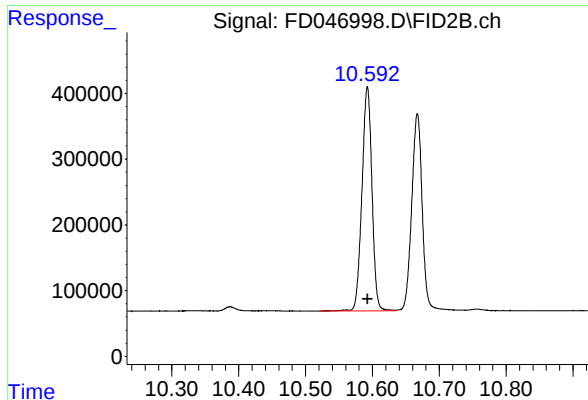
#7 Acenaphthene (C15.5)

R.T.: 8.426 min
Delta R.T.: 0.000 min
Response: 3799385
Conc: 20.49 ug/ml



#8 Fluorene (C16.55)

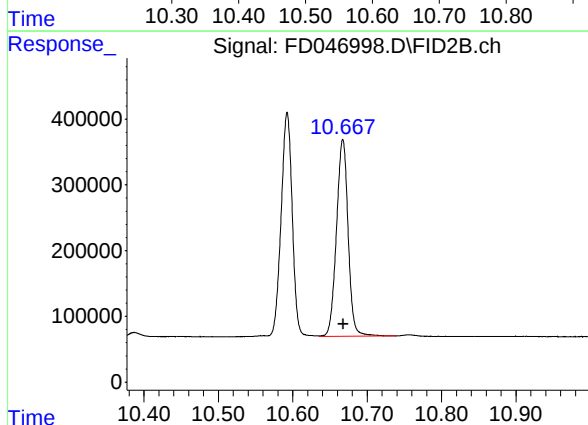
R.T.: 9.204 min
Delta R.T.: -0.002 min
Response: 3664073
Conc: 21.23 ug/ml



#9 Phenanthrene (C19.36)

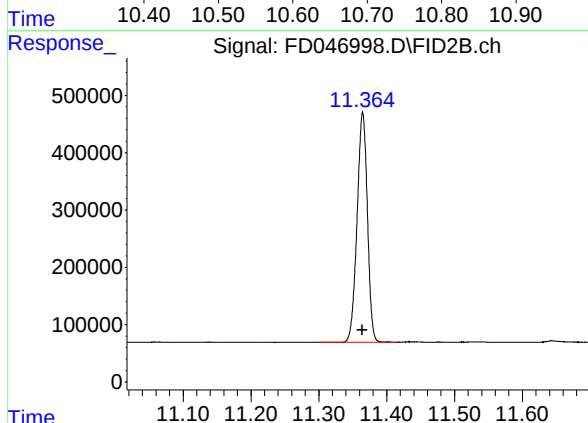
R.T.: 10.592 min
Delta R.T.: 0.000 min
Response: 3545584
Conc: 21.59 ug/ml

Instrument :
FID_D
ClientSampleId :



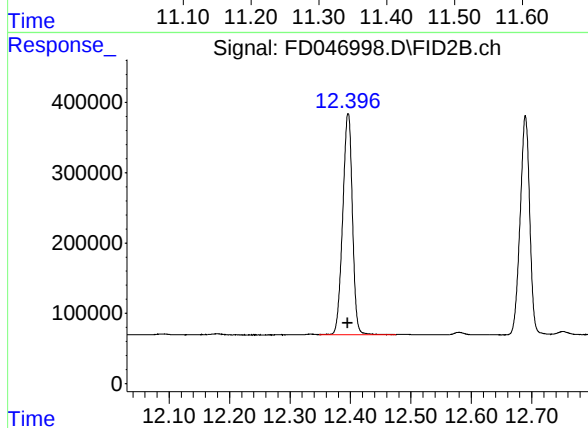
#10 Anthracene (C19.43)

R.T.: 10.667 min
Delta R.T.: 0.000 min
Response: 3256047
Conc: 21.06 ug/ml



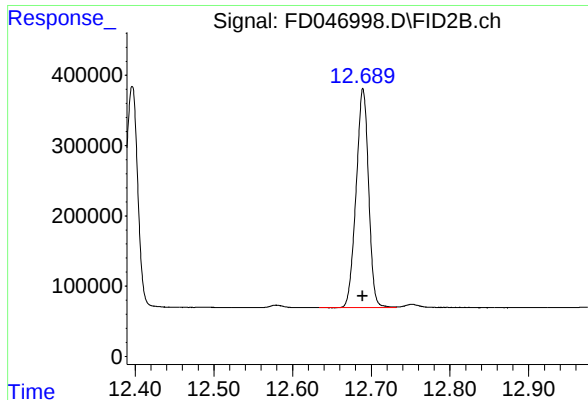
#11 ortho-Terphenyl (SURRE)

R.T.: 11.365 min
Delta R.T.: 0.000 min
Response: 4235557
Conc: 21.28 ug/ml



#12 Fluoranthene (C21.85)

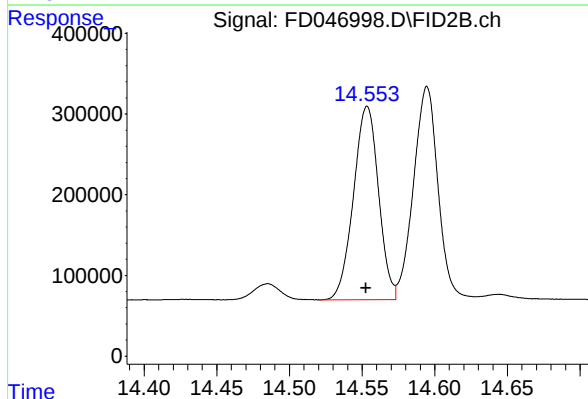
R.T.: 12.396 min
Delta R.T.: 0.000 min
Response: 3514183
Conc: 22.17 ug/ml



#13 Pyrene (C20.8)

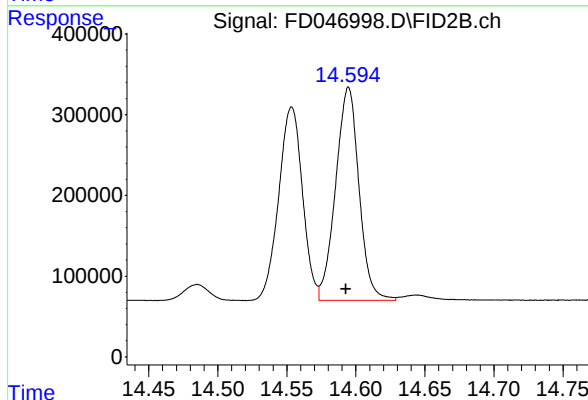
R.T.: 12.690 min
Delta R.T.: 0.000 min
Response: 3436150
Conc: 22.46 ug/ml

Instrument :
FID_D
ClientSampleId :



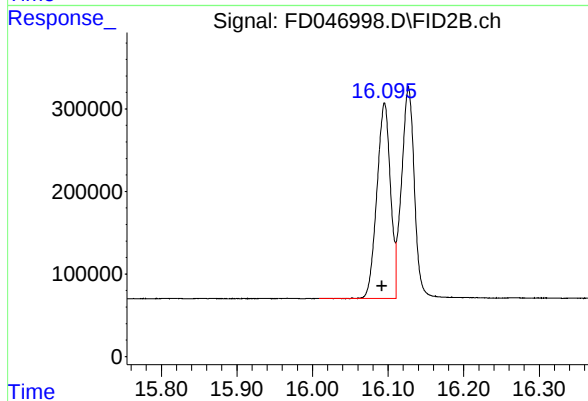
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.553 min
Delta R.T.: 0.000 min
Response: 2876265
Conc: 22.18 ug/ml



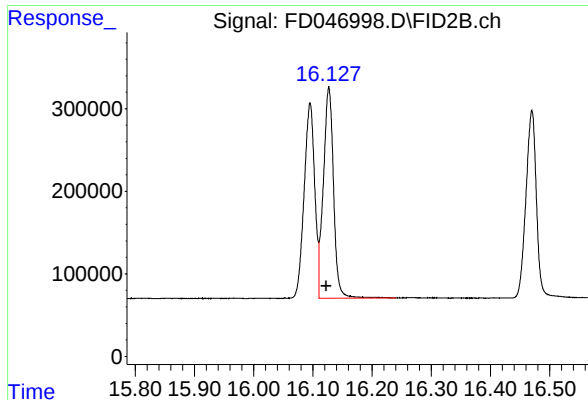
#15 Chrysene (C27.41)

R.T.: 14.595 min
Delta R.T.: 0.002 min
Response: 3111407
Conc: 21.71 ug/ml



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

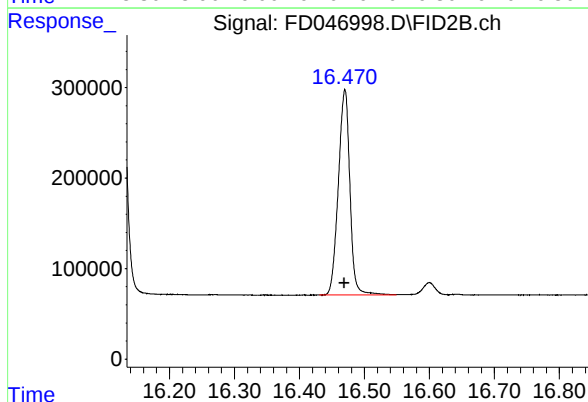
R.T.: 16.095 min
Delta R.T.: 0.003 min
Response: 2938199
Conc: 22.00 ug/ml



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

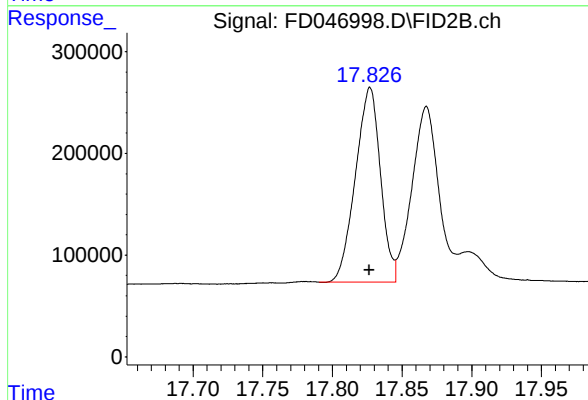
R.T.: 16.127 min
Delta R.T.: 0.004 min
Response: 3050967
Conc: 22.33 ug/ml

Instrument :
FID_D
ClientSampleId :



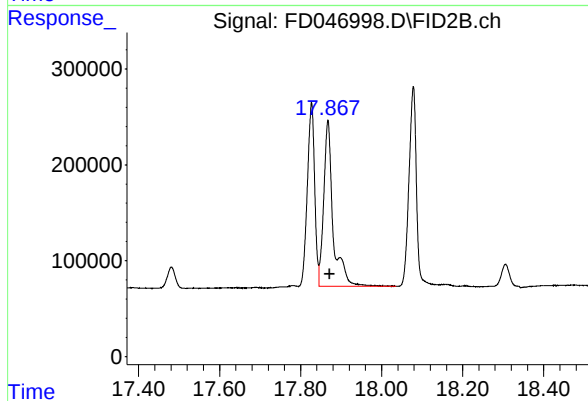
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.470 min
Delta R.T.: 0.000 min
Response: 2805960
Conc: 21.42 ug/ml



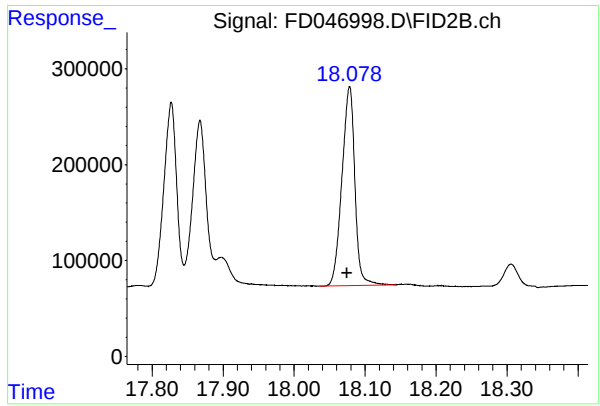
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.827 min
Delta R.T.: 0.000 min
Response: 2392529
Conc: 20.05 ug/ml



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

R.T.: 17.867 min
Delta R.T.: -0.004 min
Response: 2784856
Conc: 21.43 ug/ml



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

R.T.: 18.078 min
Delta R.T.: 0.003 min
Response: 2622741
Conc: 20.05 ug/ml

Instrument :
FID_D
ClientSampleId :