

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082124AR\
 Data File : FF014458.D
 Signal(s) : FID2B.ch
 Acq On : 21 Aug 2024 13:41
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 22 03:09:20 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 082024.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 20 15:55:53 2024
 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...	7.874	2273455	20.304 ug/ml
Spiked Amount 50.000		Recovery =	40.61%
6) S 2-Fluorobiphenyl (SURR)	8.745	1373365	20.514 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.03%
11) S ortho-Terphenyl (SURR)	11.805	2860254	19.853 ug/ml
Spiked Amount 50.000		Recovery =	39.71%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.487	2681352	20.124 ug/ml
2) T Naphthalene (C11.7)	6.151	2700290	20.282 ug/ml
3) T 2-Methylnaphthalene (...)	7.245	2724021	20.406 ug/ml
5) T Acenaphthylene (C15.06)	8.543	2686011	20.051 ug/ml
7) T Acenaphthene (C15.5)	8.842	2839807	19.900 ug/ml
8) T Fluorene (C16.55)	9.631	2622895	20.230 ug/ml
9) T Phenanthrene (C19.36)	11.034	2578991	20.242 ug/ml
10) T Anthracene (C19.43)	11.108	2739117	20.529 ug/ml
12) T Fluoranthene (C21.85)	12.852	2773660	20.187 ug/ml
13) T Pyrene (C20.8)	13.149	2808841	20.279 ug/ml
14) T Benzo[a]anthracene (C...	15.028	2351512	20.912 ug/ml
15) T Chrysene (C27.41)	15.069	3044924	19.491 ug/ml
16) T benzo[b]fluoranthene ...	16.584	2500769	21.255 ug/ml
17) T Bnezo[k]fluoranthene ...	16.616	2790133	19.234 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.963	2524707	19.984 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.378	2867098	34.296 ug/ml
20) T Dibenz[a,h]anthracene...	18.378	2867098	20.751 ug/ml
21) T Benzo[g,h,i]perylene ...	18.584	2497916	20.358 ug/ml

(f)=RT Delta > 1/2 Window

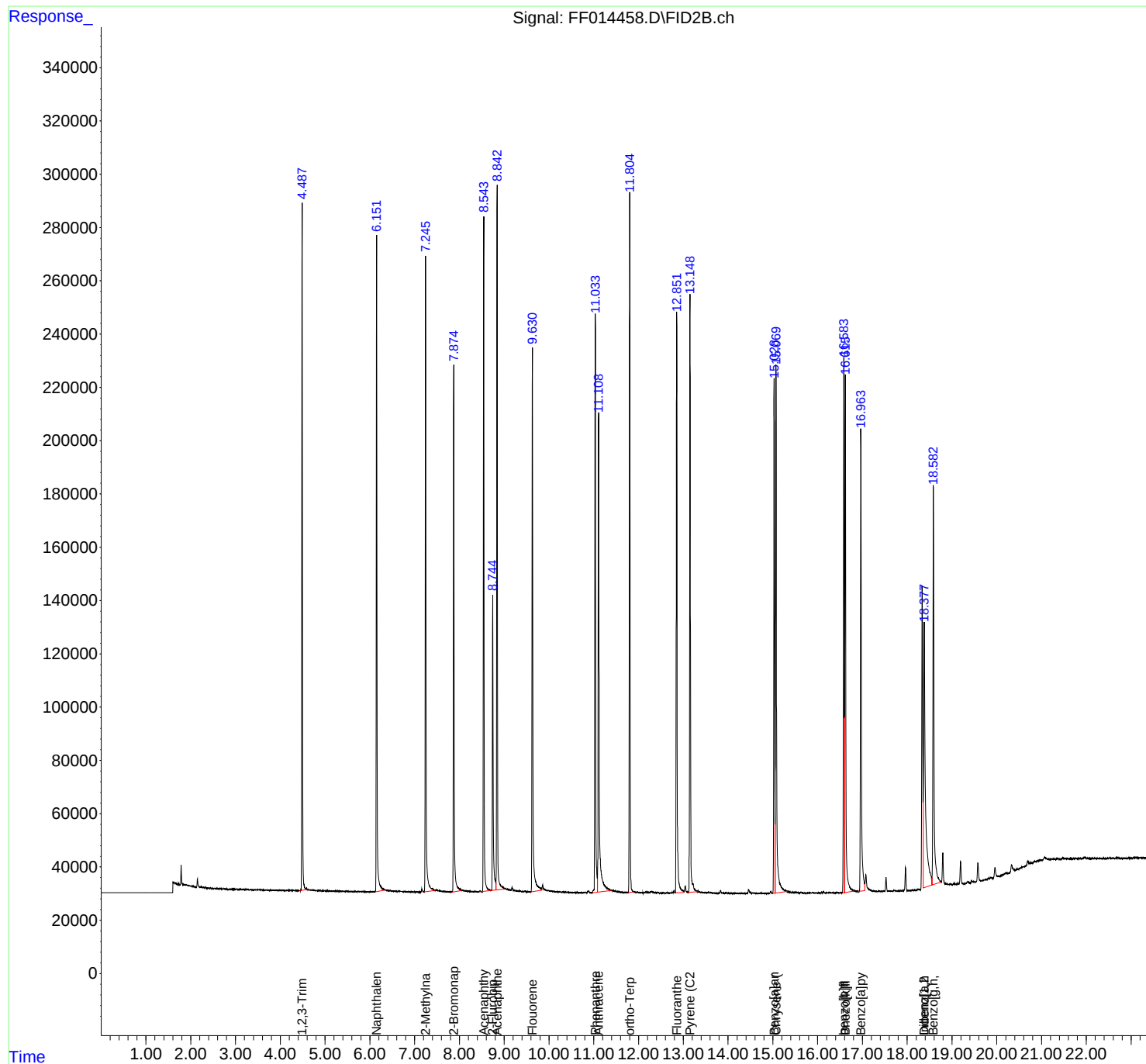
(m)=manual int.

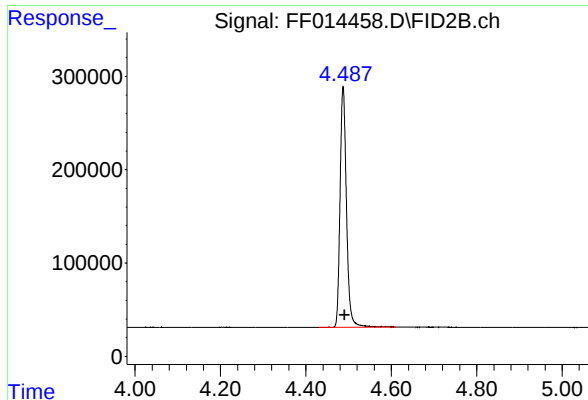
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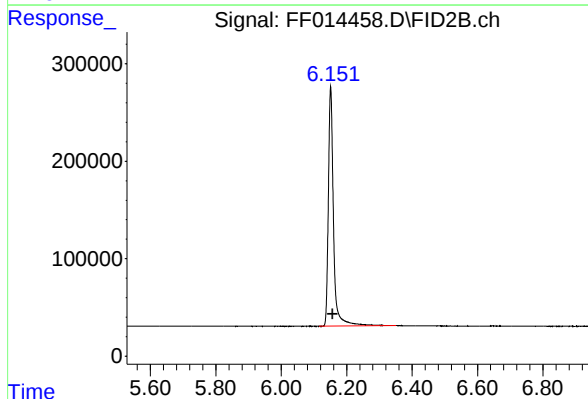




#1 1,2,3-Trimethylbenzene (C10.1)

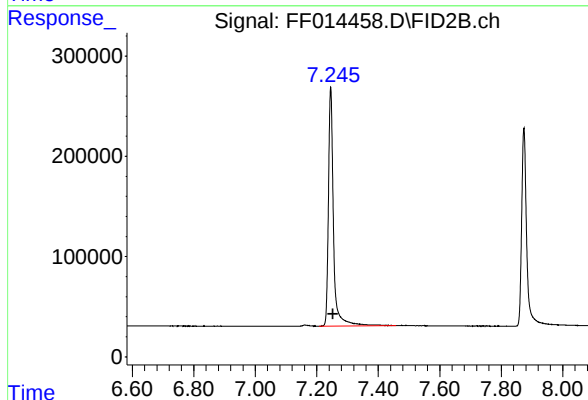
R.T.: 4.487 min
Delta R.T.: -0.004 min
Response: 2681352
Conc: 20.12 ug/ml

Instrument :
FID_F
ClientSampleId :



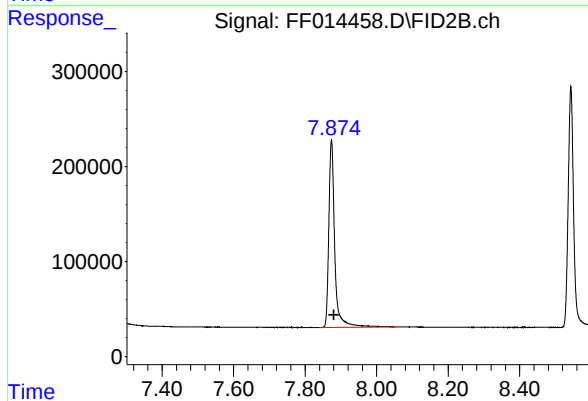
#2 Naphthalene (C11.7)

R.T.: 6.151 min
Delta R.T.: -0.006 min
Response: 2700290
Conc: 20.28 ug/ml



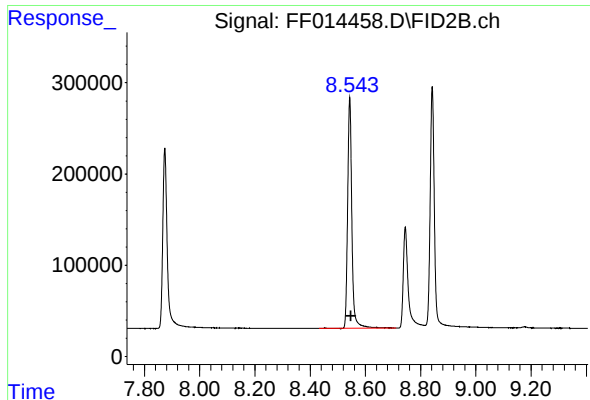
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.245 min
Delta R.T.: -0.007 min
Response: 2724021
Conc: 20.41 ug/ml



#4 2-Bromonaphthalene (SURR)

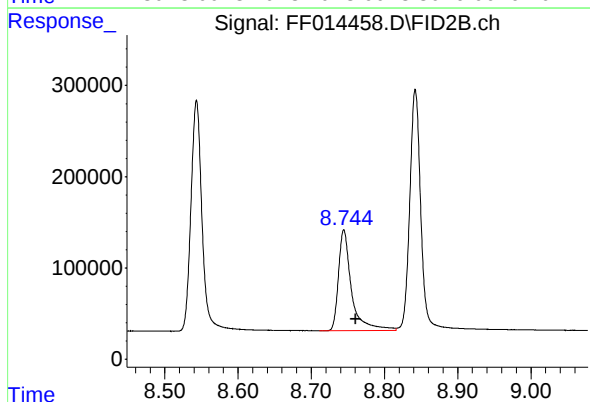
R.T.: 7.874 min
Delta R.T.: -0.008 min
Response: 2273455
Conc: 20.30 ug/ml



#5 Acenaphthylene (C15.06)

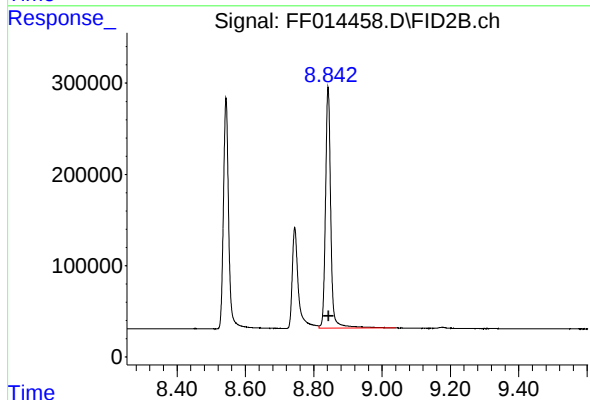
R.T.: 8.543 min
Delta R.T.: -0.004 min
Response: 2686011
Conc: 20.05 ug/ml

Instrument :
FID_F
ClientSampleId :



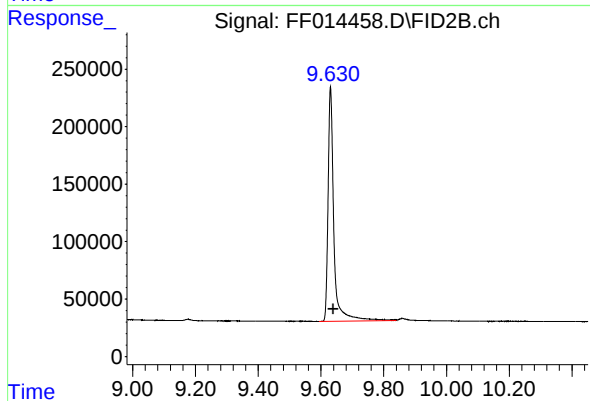
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.745 min
Delta R.T.: -0.016 min
Response: 1373365
Conc: 20.51 ug/ml



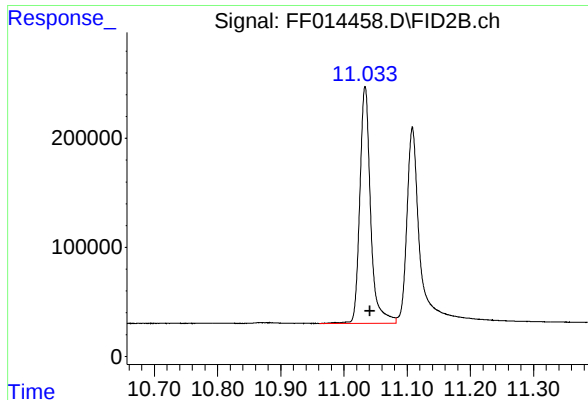
#7 Acenaphthene (C15.5)

R.T.: 8.842 min
Delta R.T.: -0.002 min
Response: 2839807
Conc: 19.90 ug/ml



#8 Flouorene (C16.55)

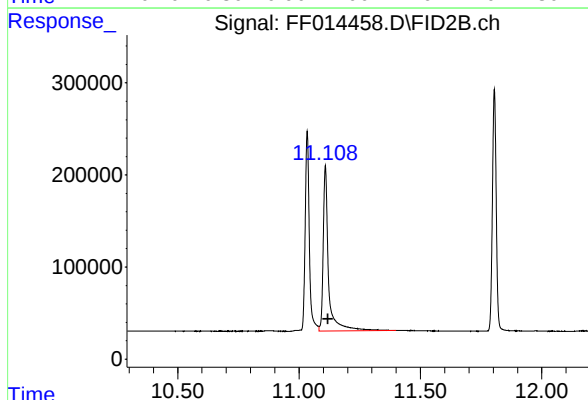
R.T.: 9.631 min
Delta R.T.: -0.009 min
Response: 2622895
Conc: 20.23 ug/ml



#9 Phenanthrene (C19.36)

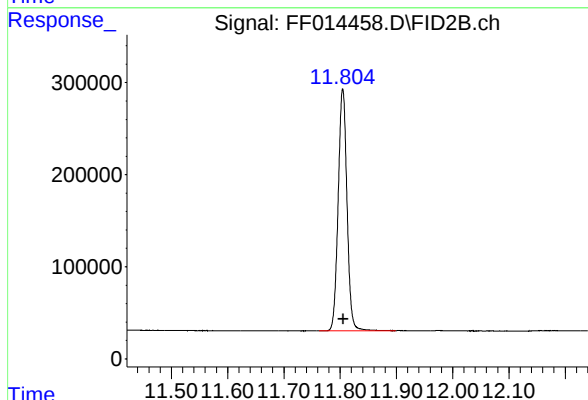
R.T.: 11.034 min
Delta R.T.: -0.008 min
Response: 2578991
Conc: 20.24 ug/ml

Instrument :
FID_F
ClientSampleId :



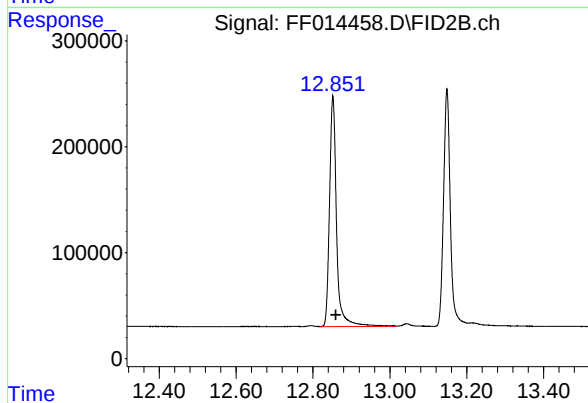
#10 Anthracene (C19.43)

R.T.: 11.108 min
Delta R.T.: -0.012 min
Response: 2739117
Conc: 20.53 ug/ml



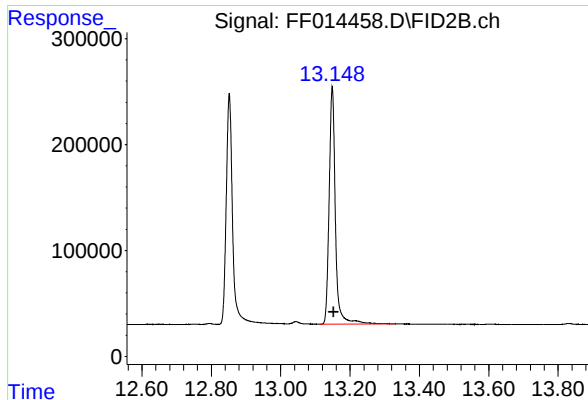
#11 ortho-Terphenyl (SURRE)

R.T.: 11.805 min
Delta R.T.: -0.001 min
Response: 2860254
Conc: 19.85 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.852 min
Delta R.T.: -0.008 min
Response: 2773660
Conc: 20.19 ug/ml



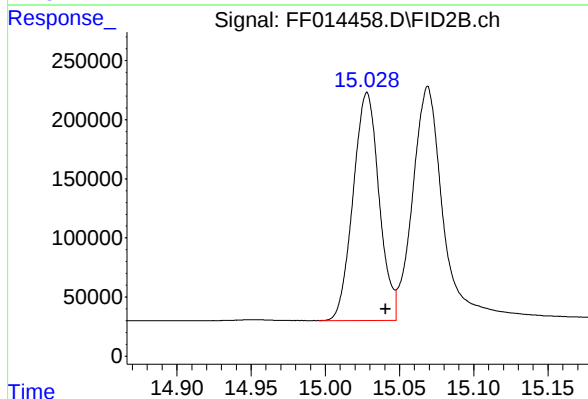
#13 Pyrene (C20.8)

R.T.: 13.149 min
Delta R.T.: -0.005 min
Response: 2808841
Conc: 20.28 ug/ml

Instrument :

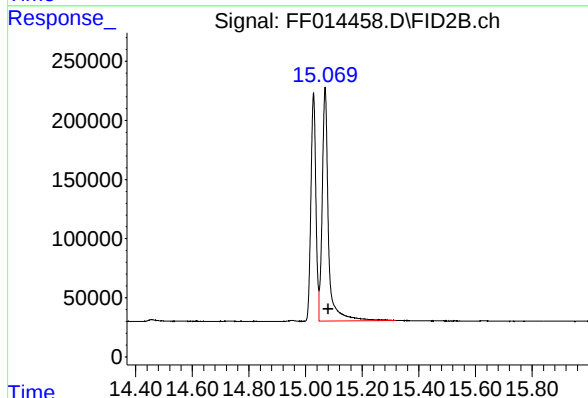
FID_F

ClientSampleId :



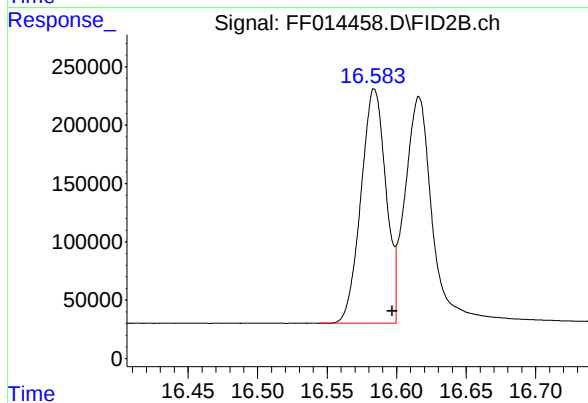
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.028 min
Delta R.T.: -0.013 min
Response: 2351512
Conc: 20.91 ug/ml



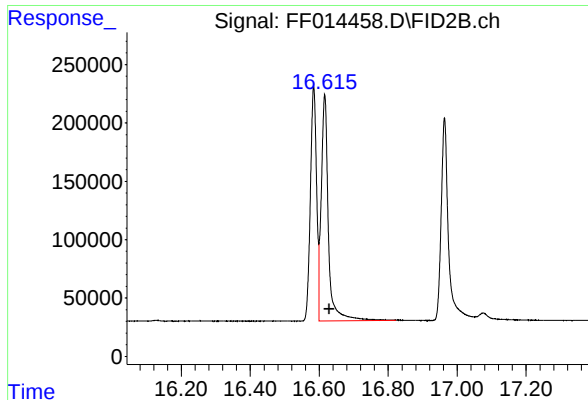
#15 Chrysene (C27.41)

R.T.: 15.069 min
Delta R.T.: -0.012 min
Response: 3044924
Conc: 19.49 ug/ml



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

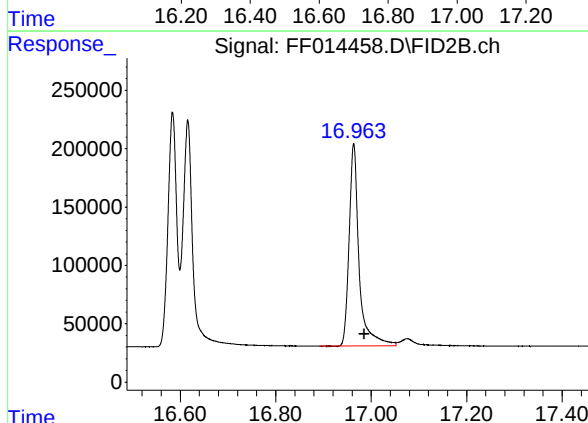
R.T.: 16.584 min
Delta R.T.: -0.013 min
Response: 2500769
Conc: 21.25 ug/ml



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

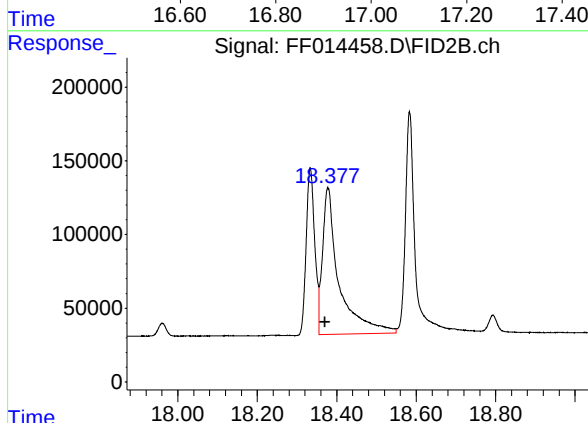
R.T.: 16.616 min
Delta R.T.: -0.013 min
Response: 2790133
Conc: 19.23 ug/ml

Instrument :
FID_F
ClientSampleId :



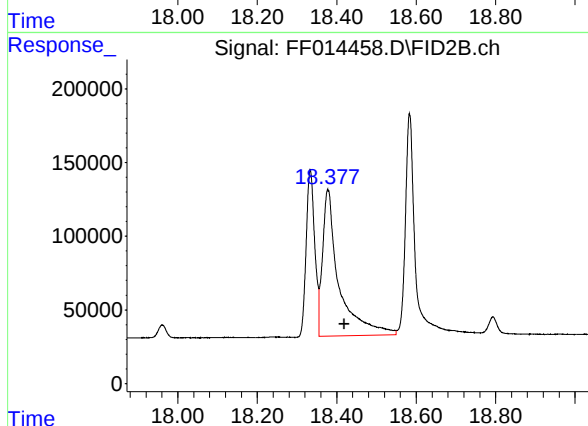
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.963 min
Delta R.T.: -0.022 min
Response: 2524707
Conc: 19.98 ug/ml



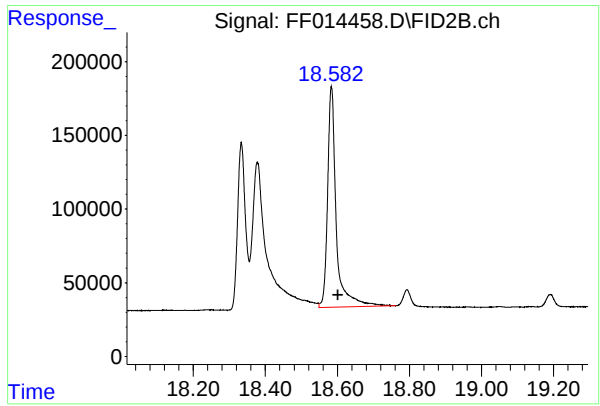
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.378 min
Delta R.T.: 0.008 min
Response: 2867098
Conc: 34.30 ug/ml



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

R.T.: 18.378 min
Delta R.T.: -0.041 min
Response: 2867098
Conc: 20.75 ug/ml



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

R.T.: 18.584 min
Delta R.T.: -0.018 min
Response: 2497916
Conc: 20.36 ug/ml

Instrument :

FID_F

ClientSampleId :