

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042924AR\
 Data File : FD047614.D
 Signal(s) : FID2B.ch
 Acq On : 29 Apr 2024 23:09
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 30 01:24:44 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042924.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 17:13:11 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...	7.460	3213327	20.489 ug/ml
Spiked Amount 50.000		Recovery =	40.98%
6) S 2-Fluorobiphenyl (SURR)	8.314	2168355	20.730 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.46%
11) S ortho-Terphenyl (SURR)	11.353	3785561	20.186 ug/ml
Spiked Amount 50.000		Recovery =	40.37%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.270	3323281	20.555 ug/ml
2) T Naphthalene (C11.7)	5.797	3483032	20.585 ug/ml
3) T 2-Methylnaphthalene (...)	6.847	3524865	20.693 ug/ml
5) T Acenaphthylene (C15.06)	8.117	3329924	20.418 ug/ml
7) T Acenaphthene (C15.5)	8.412	3465203	20.614 ug/ml
8) T Flouorene (C16.55)	9.191	3412153	20.513 ug/ml
9) T Phenanthrene (C19.36)	10.581	3364586	20.551 ug/ml
10) T Anthracene (C19.43)	10.656	3033232	20.251 ug/ml
12) T Fluoranthene (C21.85)	12.387	3399190	20.485 ug/ml
13) T Pyrene (C20.8)	12.681	3302800	20.299 ug/ml
14) T Benzo[a]anthracene (C...	14.549	3001096	20.559 ug/ml
15) T Chrysene (C27.41)	14.591	3205283	20.340 ug/ml
16) T benzo[b]fluoranthene ...	16.095	3065283	20.523 ug/ml
17) T Bnezo[k]fluoranthene ...	16.126	3069835	20.391 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.471	2980786	20.658 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.833	2784941	20.520 ug/ml
20) T Dibenz[a,h]anthracene...	17.873	2924413	20.425 ug/ml
21) T Benzo[g,h,i]perylene ...	18.084	2860846	20.837 ug/ml

(f)=RT Delta > 1/2 Window

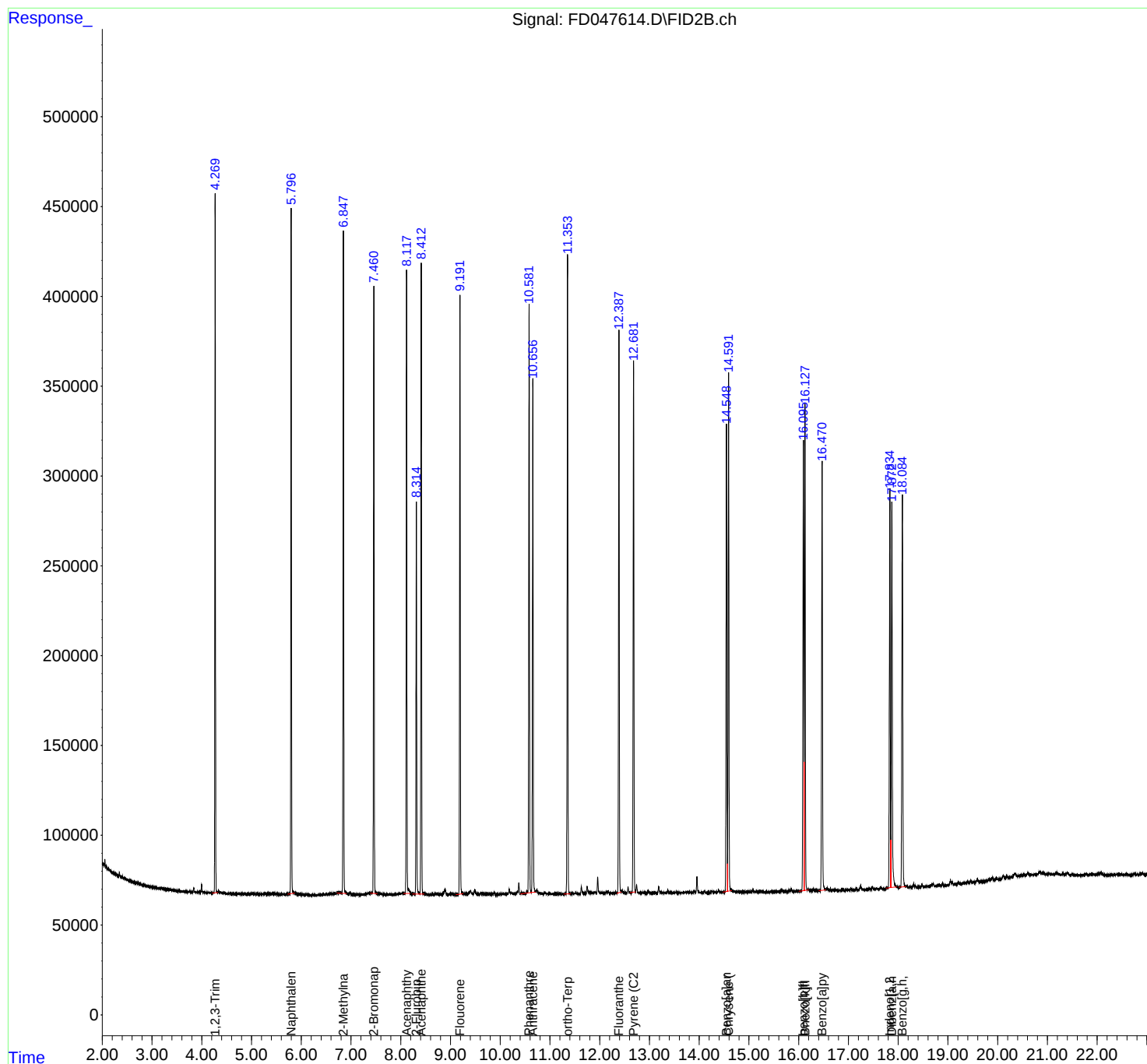
(m)=manual int.

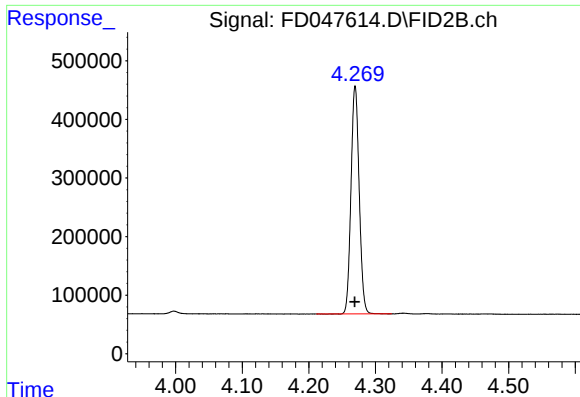
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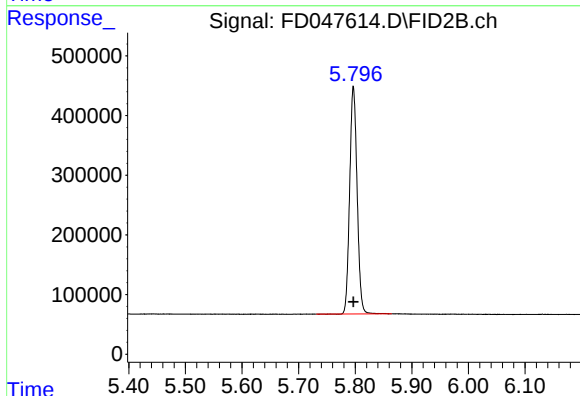




#1 1,2,3-Trimethylbenzene (C10.1)

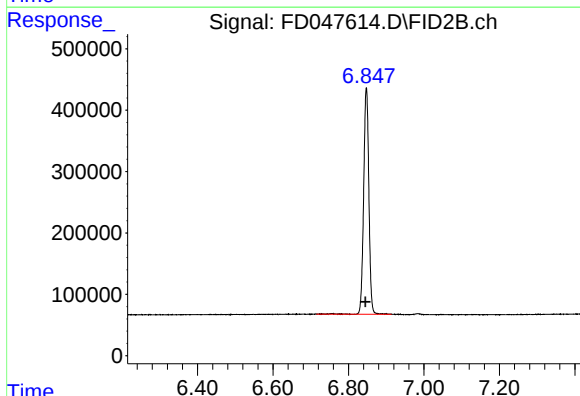
R.T.: 4.270 min
Delta R.T.: 0.000 min
Response: 3323281
Conc: 20.55 ug/ml

Instrument :
FID_D
ClientSampleId :



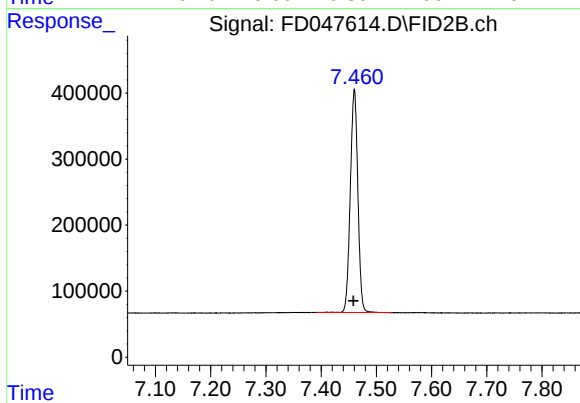
#2 Naphthalene (C11.7)

R.T.: 5.797 min
Delta R.T.: 0.000 min
Response: 3483032
Conc: 20.58 ug/ml



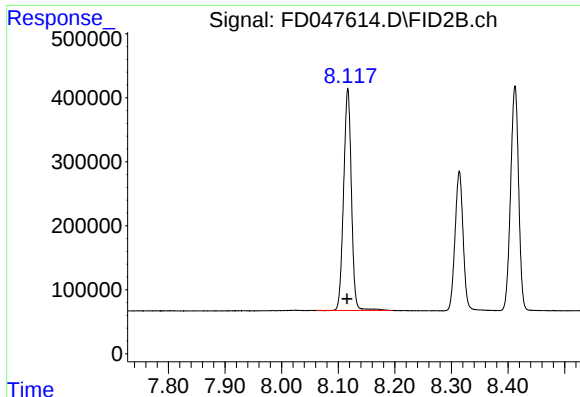
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.847 min
Delta R.T.: 0.002 min
Response: 3524865
Conc: 20.69 ug/ml



#4 2-Bromonaphthalene (SURR)

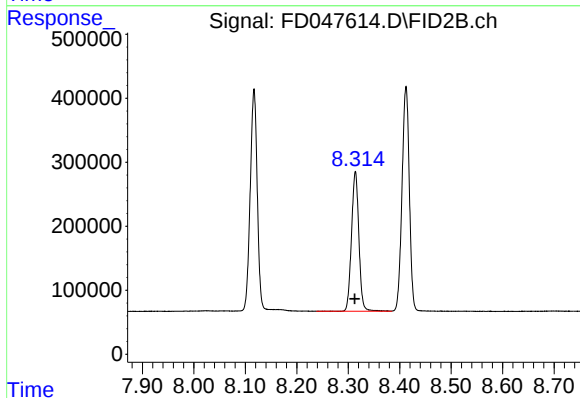
R.T.: 7.460 min
Delta R.T.: 0.002 min
Response: 3213327
Conc: 20.49 ug/ml



#5 Acenaphthylene (C15.06)

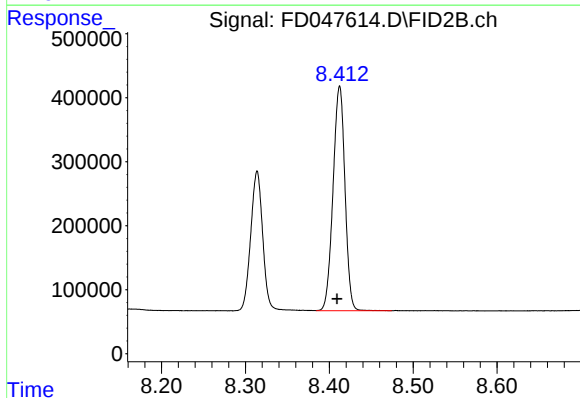
R.T.: 8.117 min
Delta R.T.: 0.001 min
Response: 3329924
Conc: 20.42 ug/ml

Instrument :
FID_D
ClientSampleId :



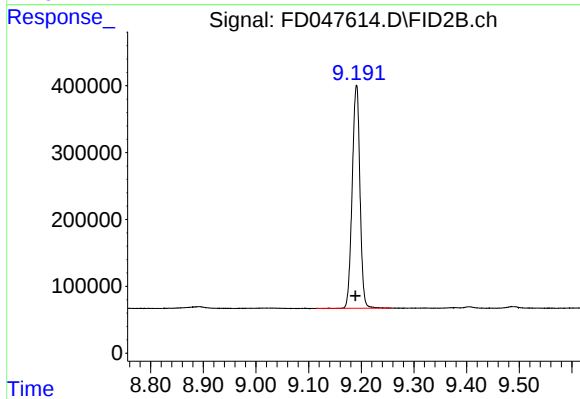
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.314 min
Delta R.T.: 0.001 min
Response: 2168355
Conc: 20.73 ug/ml



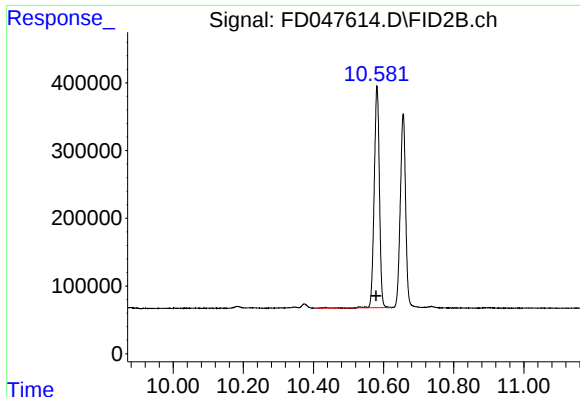
#7 Acenaphthene (C15.5)

R.T.: 8.412 min
Delta R.T.: 0.003 min
Response: 3465203
Conc: 20.61 ug/ml



#8 Fluorene (C16.55)

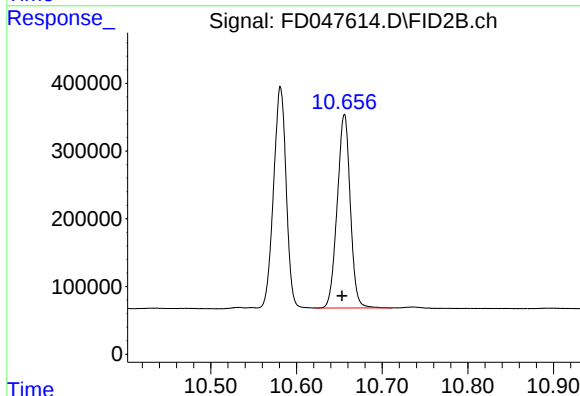
R.T.: 9.191 min
Delta R.T.: 0.002 min
Response: 3412153
Conc: 20.51 ug/ml



#9 Phenanthrene (C19.36)

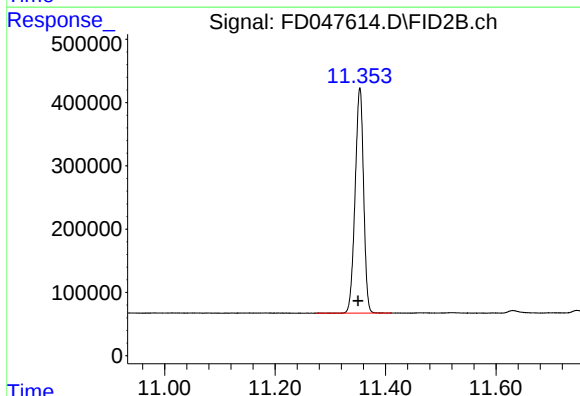
R.T.: 10.581 min
Delta R.T.: 0.003 min
Response: 3364586
Conc: 20.55 ug/ml

Instrument :
FID_D
ClientSampleId :



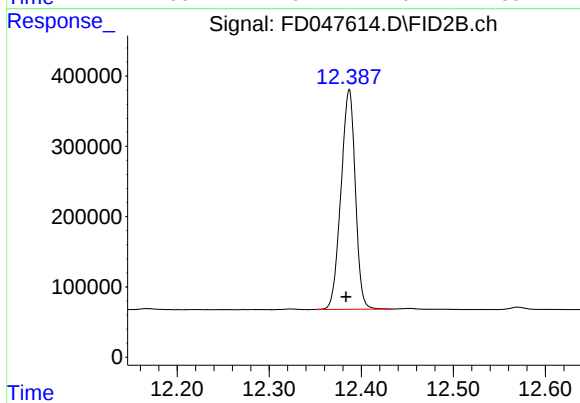
#10 Anthracene (C19.43)

R.T.: 10.656 min
Delta R.T.: 0.002 min
Response: 3033232
Conc: 20.25 ug/ml



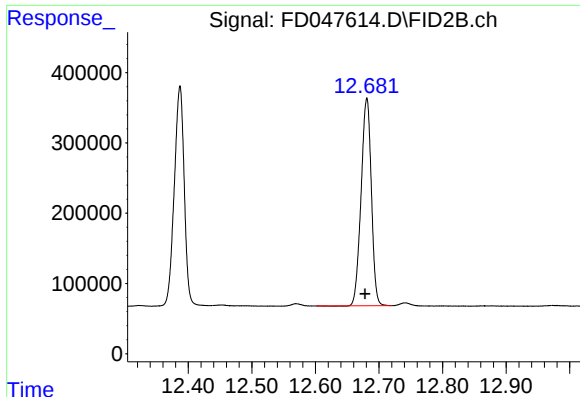
#11 ortho-Terphenyl (SURR)

R.T.: 11.353 min
Delta R.T.: 0.003 min
Response: 3785561
Conc: 20.19 ug/ml



#12 Fluoranthene (C21.85)

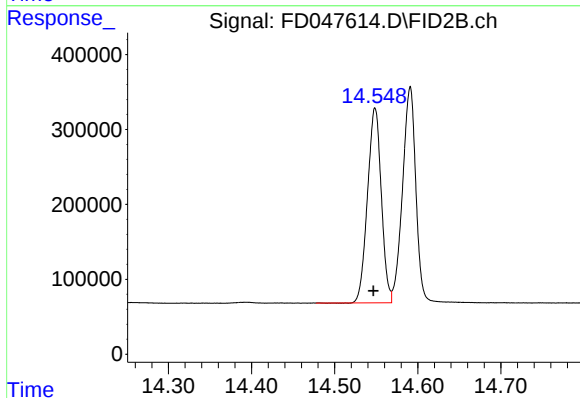
R.T.: 12.387 min
Delta R.T.: 0.003 min
Response: 3399190
Conc: 20.49 ug/ml



#13 Pyrene (C20.8)

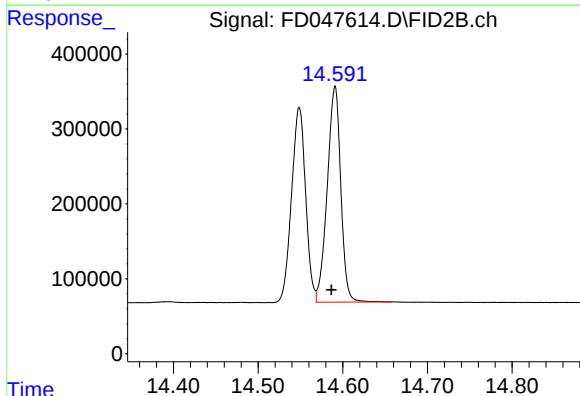
R.T.: 12.681 min
Delta R.T.: 0.002 min
Response: 3302800
Conc: 20.30 ug/ml

Instrument :
FID_D
ClientSampleId :



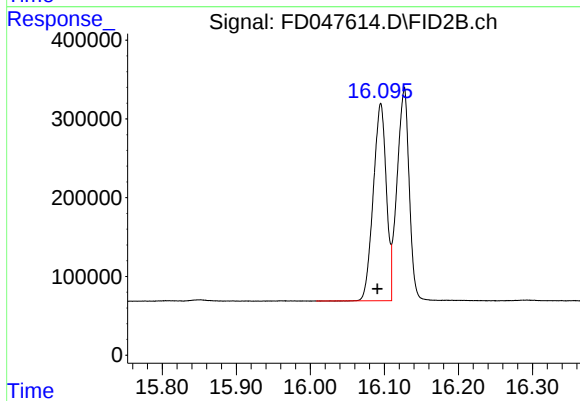
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.549 min
Delta R.T.: 0.002 min
Response: 3001096
Conc: 20.56 ug/ml



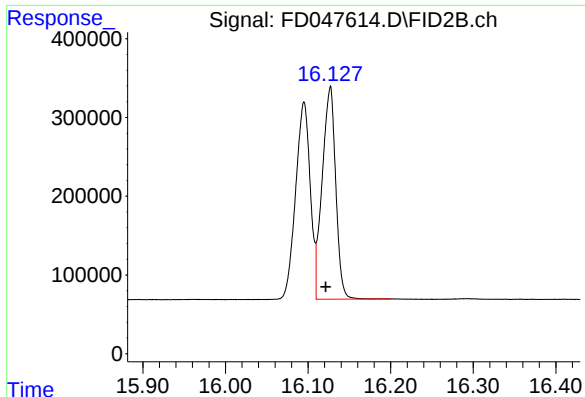
#15 Chrysene (C27.41)

R.T.: 14.591 min
Delta R.T.: 0.004 min
Response: 3205283
Conc: 20.34 ug/ml



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

R.T.: 16.095 min
Delta R.T.: 0.004 min
Response: 3065283
Conc: 20.52 ug/ml



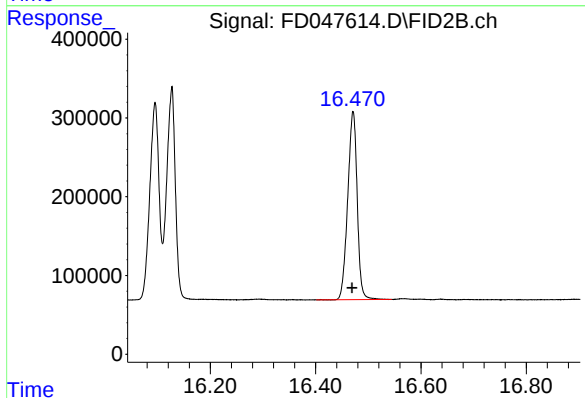
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.126 min
Delta R.T.: 0.005 min
Response: 3069835
Conc: 20.39 ug/ml

Instrument :

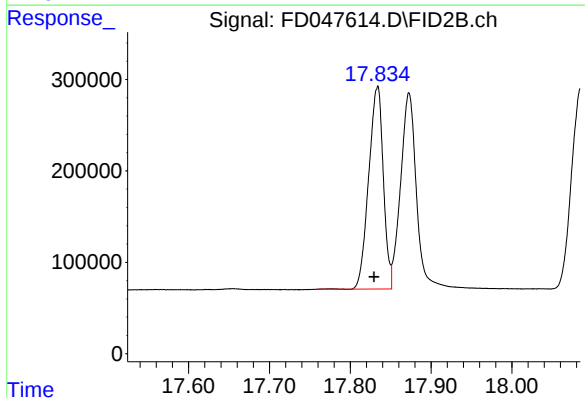
FID_D

ClientSampleId :



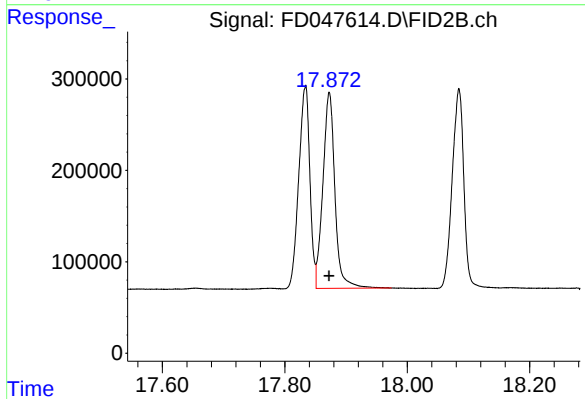
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.471 min
Delta R.T.: 0.002 min
Response: 2980786
Conc: 20.66 ug/ml



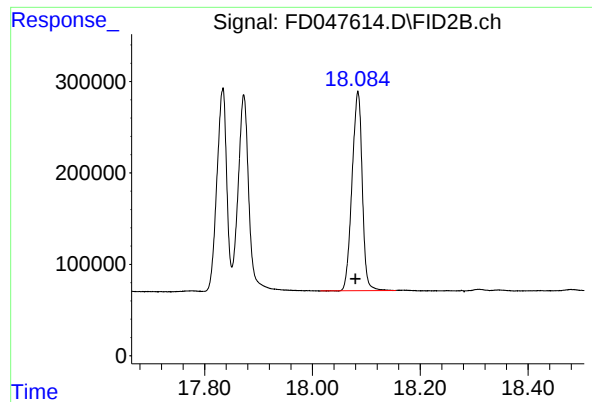
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.833 min
Delta R.T.: 0.004 min
Response: 2784941
Conc: 20.52 ug/ml



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

R.T.: 17.873 min
Delta R.T.: 0.000 min
Response: 2924413
Conc: 20.43 ug/ml



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

R.T.: 18.084 min
Delta R.T.: 0.004 min
Response: 2860846
Conc: 20.84 ug/ml

Instrument :

FID_D

ClientSampleId :