

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061623AR\
 Data File : FD045871.D
 Signal(s) : FID2B.ch
 Acq On : 17 Jun 2023 11:15
 Operator : YP/AJ
 Sample : 03282-11
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 19 01:16:39 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Sat May 27 06:44:25 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...	7.529	11311944	62.744 ug/ml
Spiked Amount 50.000		Recovery =	125.49%
6) S 2-Fluorobiphenyl (SURR)	8.385	7440914	61.890 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	123.78%
11) S ortho-Terphenyl (SURR)	11.419	2741828	12.275 ug/ml
Spiked Amount 50.000		Recovery =	24.55%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.297	20156	0.100 ug/ml
2) T Naphthalene (C11.7)	5.864	55534	0.262 ug/ml
3) T 2-Methylnaphthalene (...)	6.917	54183	0.257 ug/ml
5) T Acenaphthylene (C15.06)	8.184	27818	0.147 ug/ml
7) T Acenaphthene (C15.5)	8.437f	29517	0.146 ug/ml
8) T Fluorene (C16.55)	9.268	37519	0.189 ug/ml
9) T Phenanthrene (C19.36)	10.645	101313	0.530 ug/ml
10) T Anthracene (C19.43)	10.720	32868	0.193 ug/ml
12) T Fluoranthene (C21.85)	12.448	174392	0.944 ug/ml
13) T Pyrene (C20.8)	12.743	133407	0.747 ug/ml
14) T Benzo[a]anthracene (C...	14.607	67861	0.433 ug/ml
15) T Chrysene (C27.41)	14.649	150622	0.913 ug/ml
16) T benzo[b]fluoranthene ...	16.179	62418	0.412 ug/ml
17) T Bnezo[k]fluoranthene ...	16.179	62418	0.403 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.523	76705	0.525 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.878	65299	0.446 ug/ml
20) T Dibenz[a,h]anthracene...	17.958	93643	0.624 ug/ml
21) T Benzo[g,h,i]perylene ...	18.127	77066	0.522 ug/ml

(f)=RT Delta > 1/2 Window

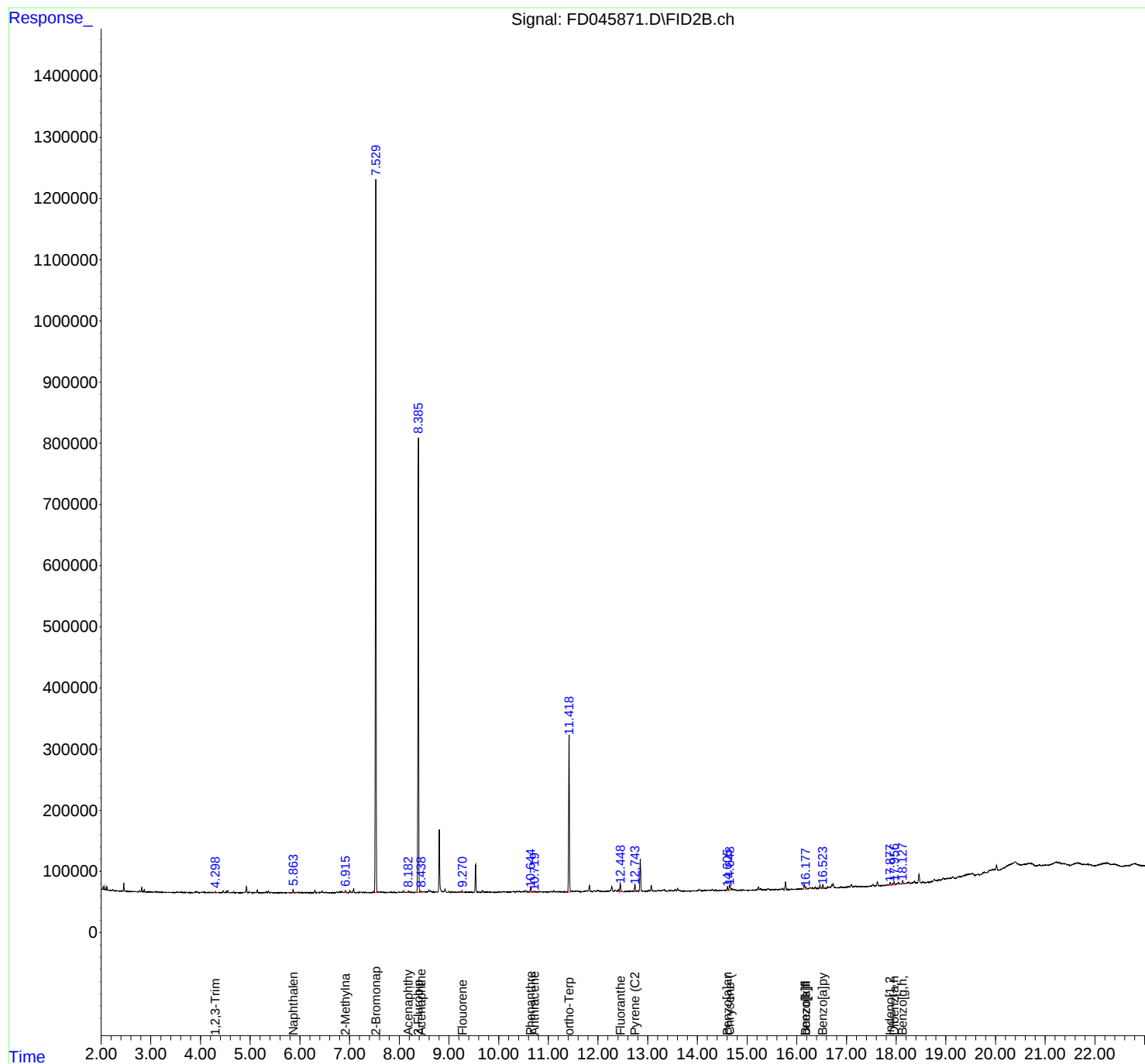
(m)=manual int.

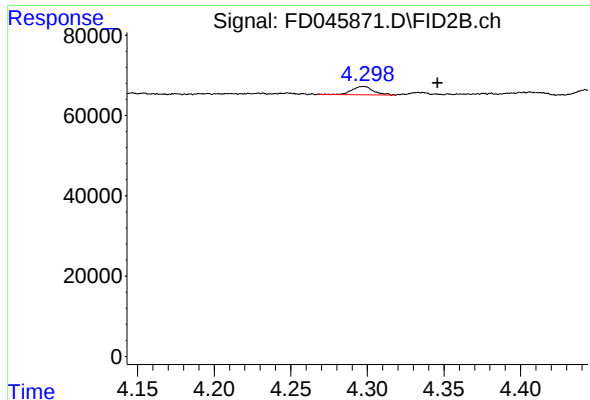
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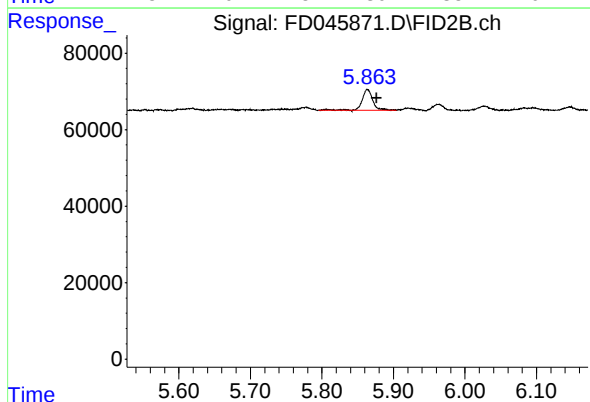




#1 1,2,3-Trimethylbenzene (C10.1)

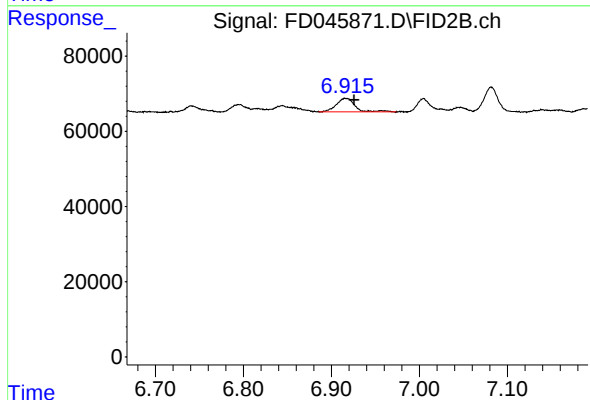
R.T.: 4.297 min
Delta R.T.: -0.049 min
Response: 20156
Conc: 0.10 ug/ml

Instrument :
FID_D
ClientSampleId :



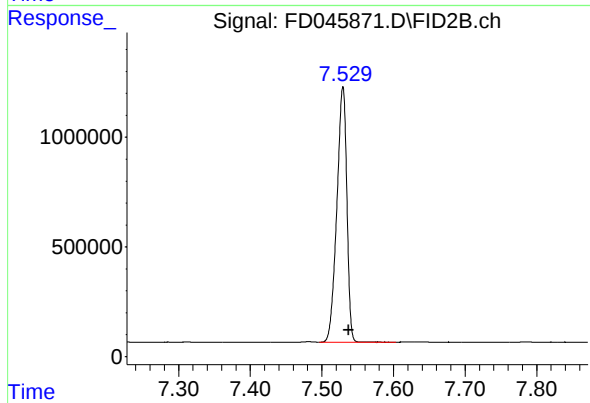
#2 Naphthalene (C11.7)

R.T.: 5.864 min
Delta R.T.: -0.013 min
Response: 55534
Conc: 0.26 ug/ml



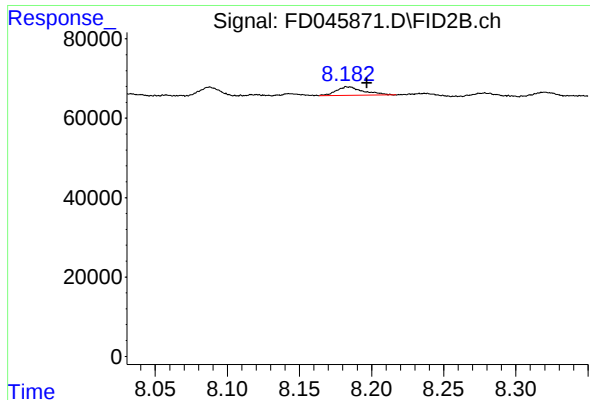
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.917 min
Delta R.T.: -0.010 min
Response: 54183
Conc: 0.26 ug/ml



#4 2-Bromonaphthalene (SURR)

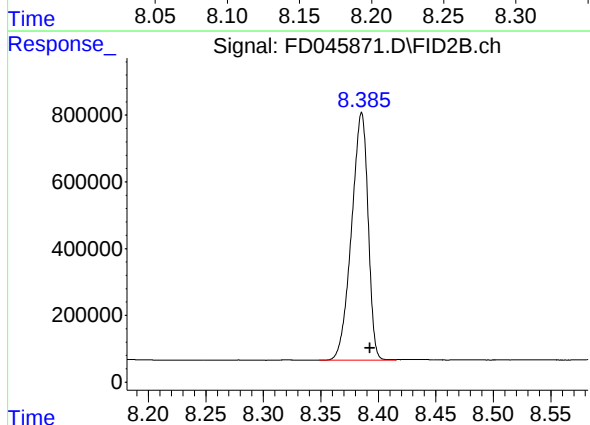
R.T.: 7.529 min
Delta R.T.: -0.008 min
Response: 11311944
Conc: 62.74 ug/ml



#5 Acenaphthylene (C15.06)

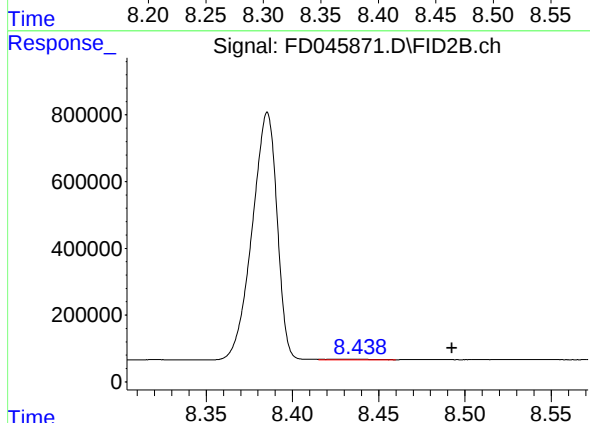
R.T.: 8.184 min
Delta R.T.: -0.013 min
Response: 27818
Conc: 0.15 ug/ml

Instrument :
FID_D
ClientSampleId :



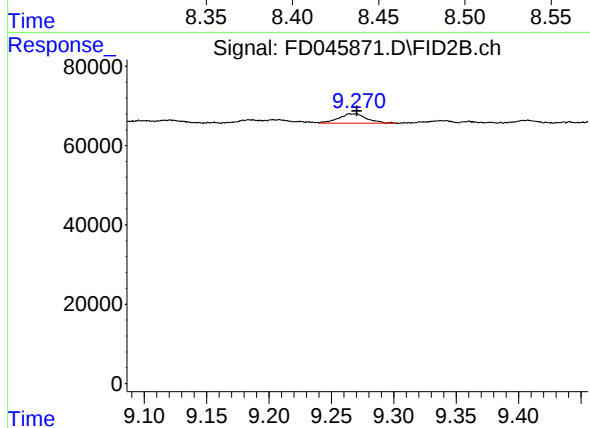
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.385 min
Delta R.T.: -0.008 min
Response: 7440914
Conc: 61.89 ug/ml



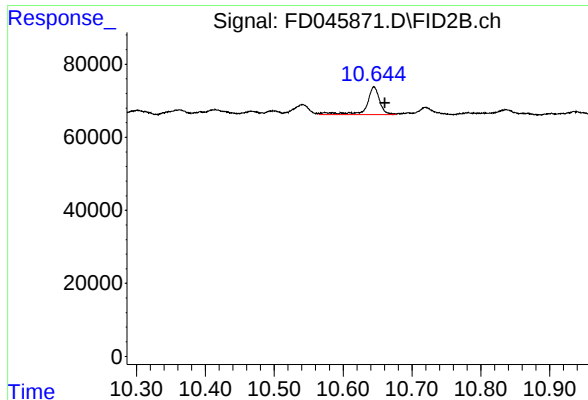
#7 Acenaphthene (C15.5)

R.T.: 8.437 min
Delta R.T.: -0.055 min
Response: 29517
Conc: 0.15 ug/ml



#8 Fluorene (C16.55)

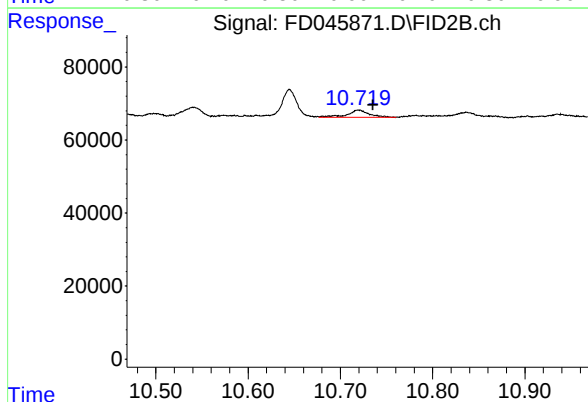
R.T.: 9.268 min
Delta R.T.: -0.003 min
Response: 37519
Conc: 0.19 ug/ml



#9 Phenanthrene (C19.36)

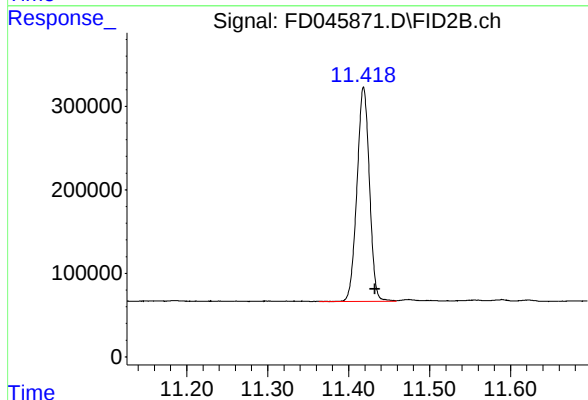
R.T.: 10.645 min
Delta R.T.: -0.016 min
Response: 101313
Conc: 0.53 ug/ml

Instrument :
FID_D
ClientSampleId :



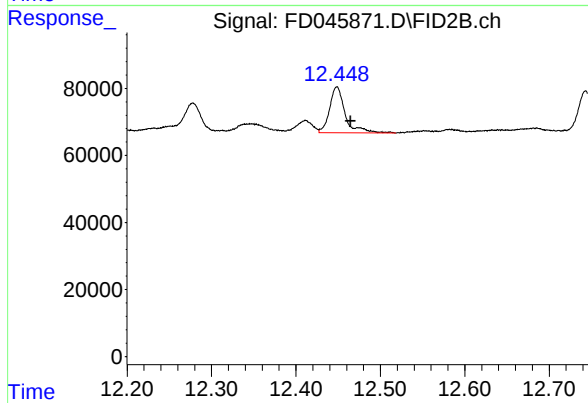
#10 Anthracene (C19.43)

R.T.: 10.720 min
Delta R.T.: -0.015 min
Response: 32868
Conc: 0.19 ug/ml



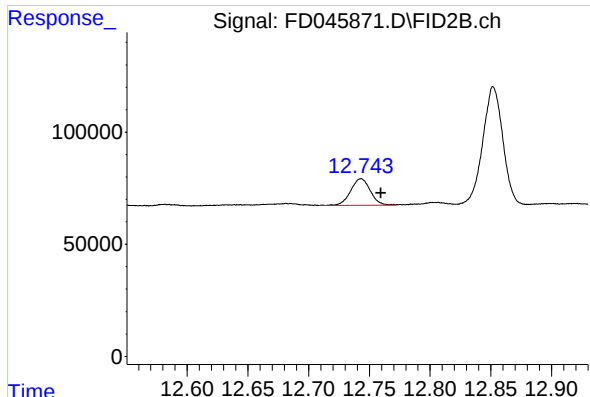
#11 ortho-Terphenyl (SURR)

R.T.: 11.419 min
Delta R.T.: -0.014 min
Response: 2741828
Conc: 12.27 ug/ml



#12 Fluoranthene (C21.85)

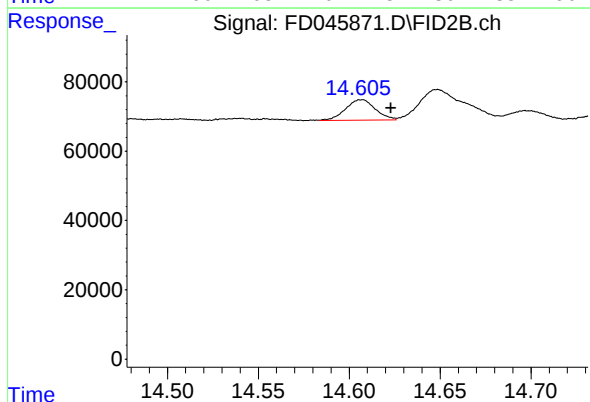
R.T.: 12.448 min
Delta R.T.: -0.017 min
Response: 174392
Conc: 0.94 ug/ml



#13 Pyrene (C20.8)

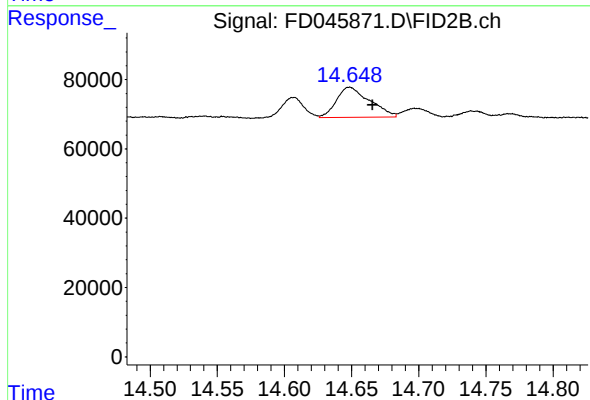
R.T.: 12.743 min
Delta R.T.: -0.016 min
Response: 133407
Conc: 0.75 ug/ml

Instrument :
FID_D
ClientSampleId :



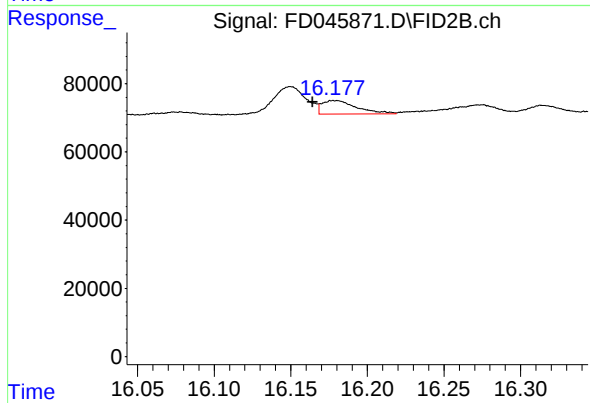
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.607 min
Delta R.T.: -0.016 min
Response: 67861
Conc: 0.43 ug/ml



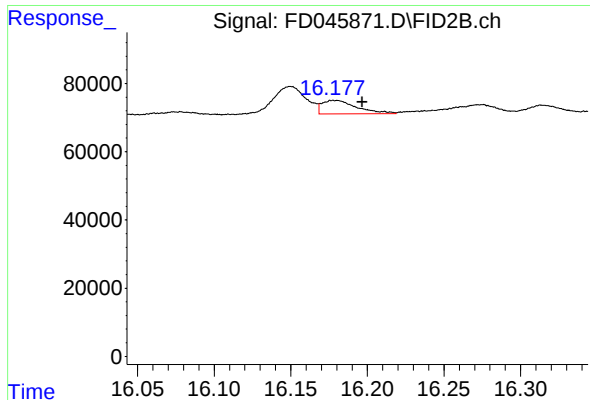
#15 Chrysene (C27.41)

R.T.: 14.649 min
Delta R.T.: -0.017 min
Response: 150622
Conc: 0.91 ug/ml



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

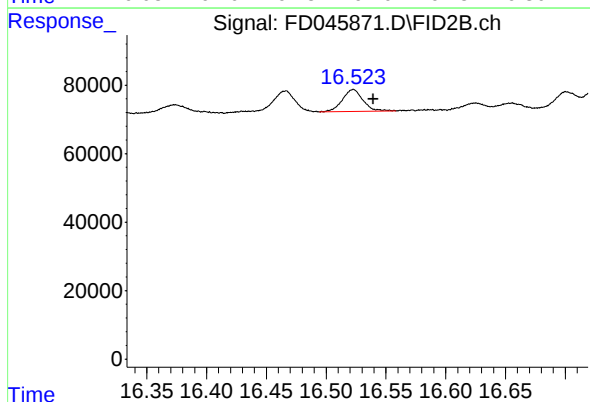
R.T.: 16.179 min
Delta R.T.: 0.015 min
Response: 62418
Conc: 0.41 ug/ml



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

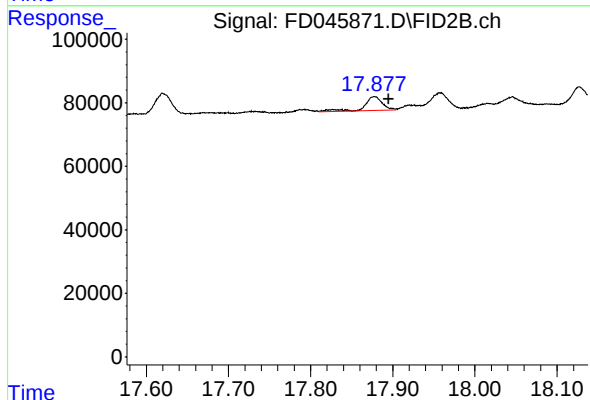
R.T.: 16.179 min
Delta R.T.: -0.018 min
Response: 62418
Conc: 0.40 ug/ml

Instrument :
FID_D
ClientSampleId :



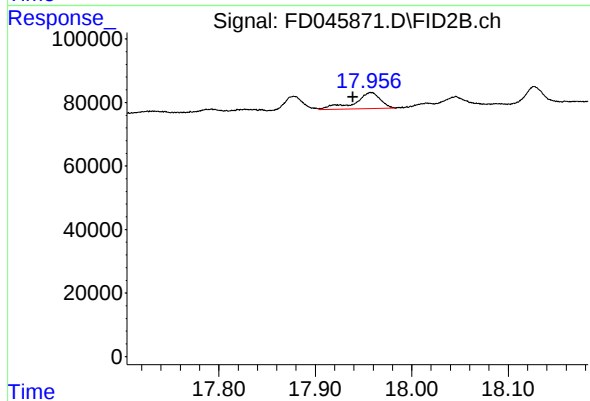
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.523 min
Delta R.T.: -0.017 min
Response: 76705
Conc: 0.52 ug/ml



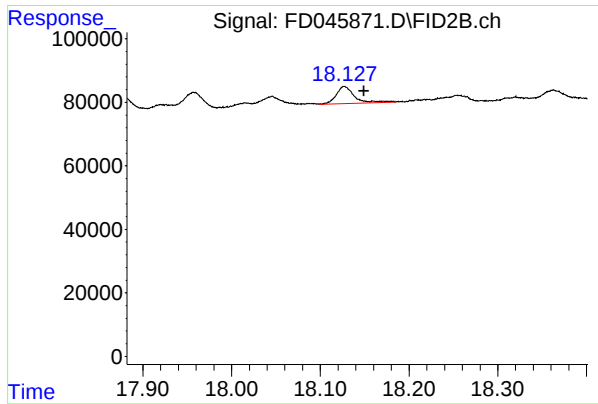
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.878 min
Delta R.T.: -0.017 min
Response: 65299
Conc: 0.45 ug/ml



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

R.T.: 17.958 min
Delta R.T.: 0.019 min
Response: 93643
Conc: 0.62 ug/ml



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

R.T.: 18.127 min
Delta R.T.: -0.022 min
Response: 77066
Conc: 0.52 ug/ml

Instrument :
FID_D
ClientSampleId :