

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110723AR\
 Data File : FD046856.D
 Signal(s) : FID2B.ch
 Acq On : 08 Nov 2023 04:09
 Operator : YP/AJ
 Sample : 05252-01
 Misc :
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 08 04:59:15 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102723.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 02:49:53 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...	7.485	10037702	55.039 ug/ml
Spiked Amount 50.000		Recovery =	110.08%
6) S 2-Fluorobiphenyl (SURR)	8.338	5529205	46.984 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	93.97%
11) S ortho-Terphenyl (SURR)	11.376	8219948	38.818 ug/ml
Spiked Amount 50.000		Recovery =	77.64%
Target Compounds			
3) T 2-Methylnaphthalene (...)	6.881	143742	0.715 ug/ml
5) T Acenaphthylene (C15.06)	8.101	42007	0.228 ug/ml
7) T Acenaphthene (C15.5)	8.395	71181	0.363 ug/ml
8) T Flouorene (C16.55)	9.226	68108	0.368 ug/ml
9) T Phenanthrene (C19.36)	10.599	154551	0.869 ug/ml
10) T Anthracene (C19.43)	10.683	104540	0.613 ug/ml
12) T Fluoranthene (C21.85)	12.400	823627	4.769 ug/ml
13) T Pyrene (C20.8)	12.696	394332	2.372 ug/ml
14) T Benzo[a]anthracene (C...	14.560	197078	1.401 ug/ml
15) T Chrysene (C27.41)	14.600	358725	2.300 ug/ml
16) T benzo[b]fluoranthene ...	16.103	714605	4.993 ug/ml
17) T Bnezo[k]fluoranthene ...	16.103	714605	4.881 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.476	204645	1.460 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.823	243386	1.927 ug/ml
20) T Dibenz[a,h]anthracene...	17.871	391045	2.799 ug/ml
21) T Benzo[g,h,i]perylene ...	18.084	134538	0.964 ug/ml

(f)=RT Delta > 1/2 Window

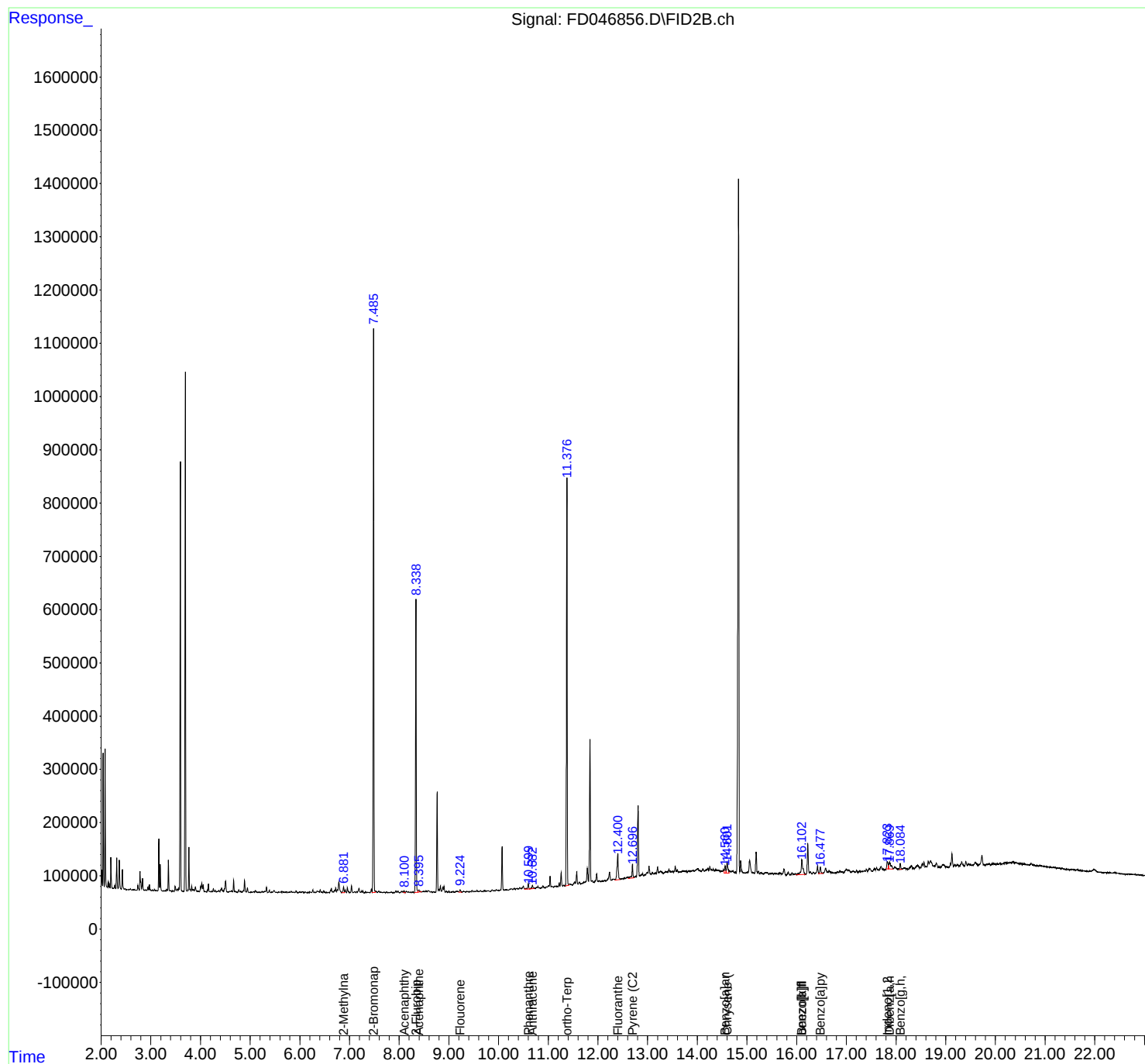
(m)=manual int.

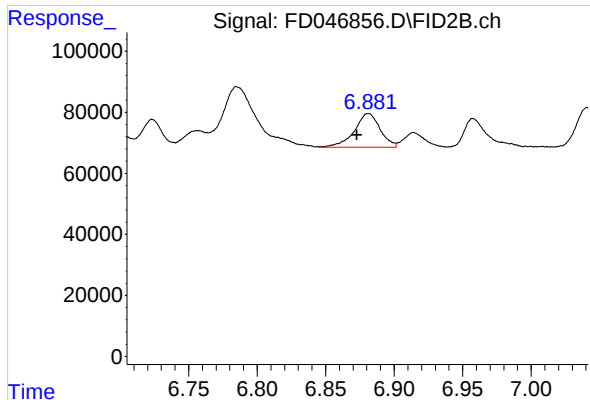
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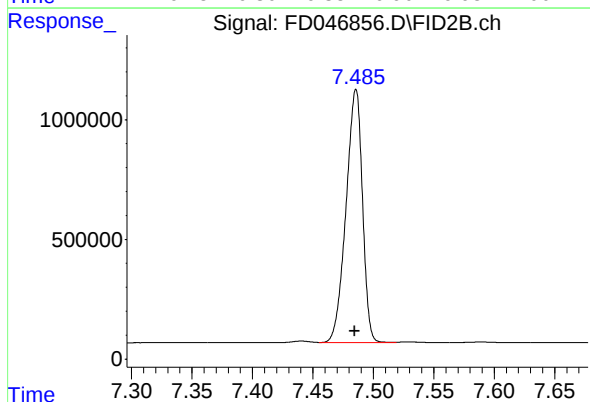




#3 2-Methylnaphthalene (C12.89)

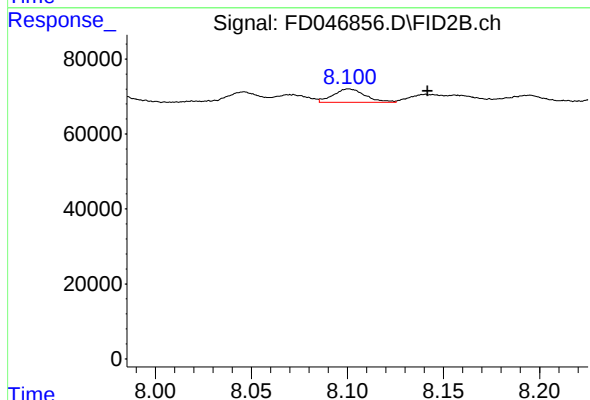
R.T.: 6.881 min
Delta R.T.: 0.008 min
Response: 143742
Conc: 0.72 ug/ml

Instrument :
FID_D
ClientSampleId :



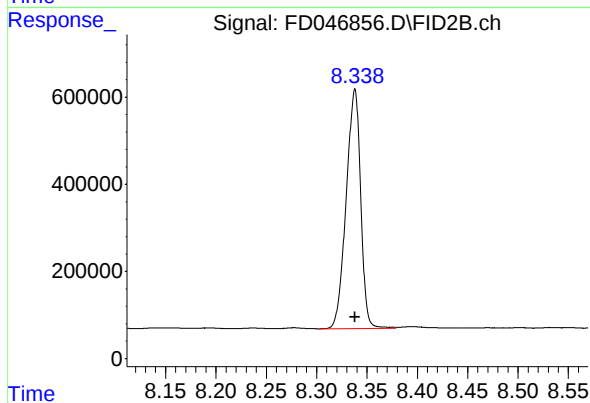
#4 2-Bromonaphthalene (SURR)

R.T.: 7.485 min
Delta R.T.: 0.000 min
Response: 10037702
Conc: 55.04 ug/ml



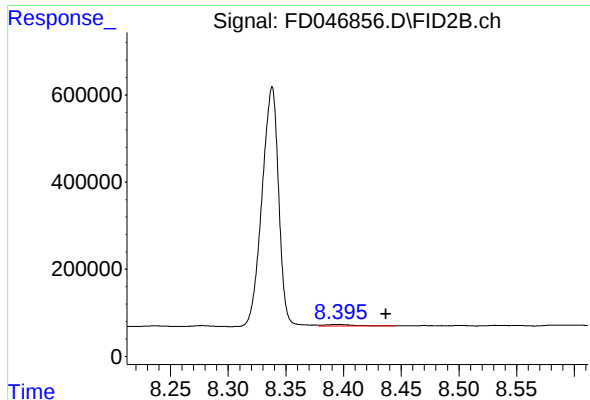
#5 Acenaphthylene (C15.06)

R.T.: 8.101 min
Delta R.T.: -0.041 min
Response: 42007
Conc: 0.23 ug/ml



#6 2-Fluorobiphenyl (SURR)

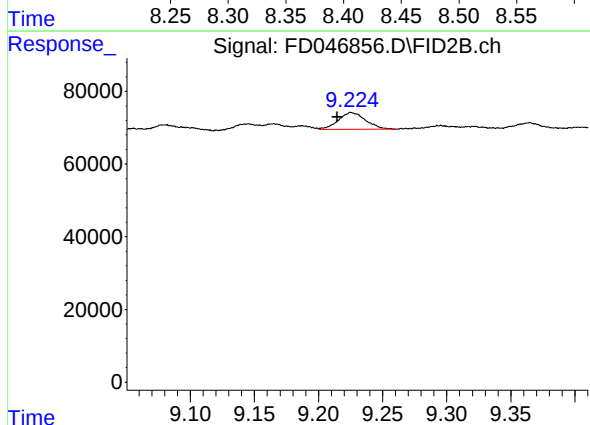
R.T.: 8.338 min
Delta R.T.: 0.000 min
Response: 5529205
Conc: 46.98 ug/ml



#7 Acenaphthene (C15.5)

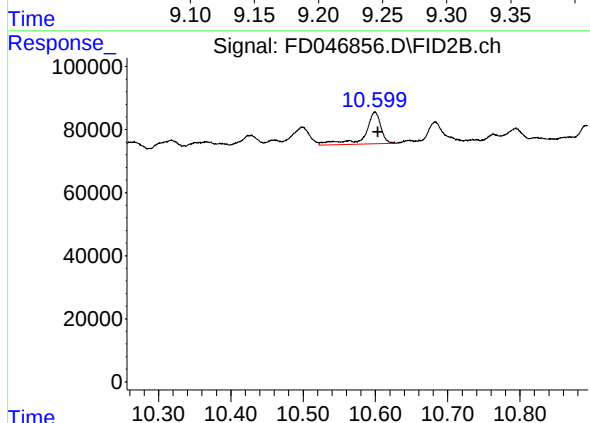
R.T.: 8.395 min
Delta R.T.: -0.042 min
Response: 71181
Conc: 0.36 ug/ml

Instrument :
FID_D
ClientSampleId :



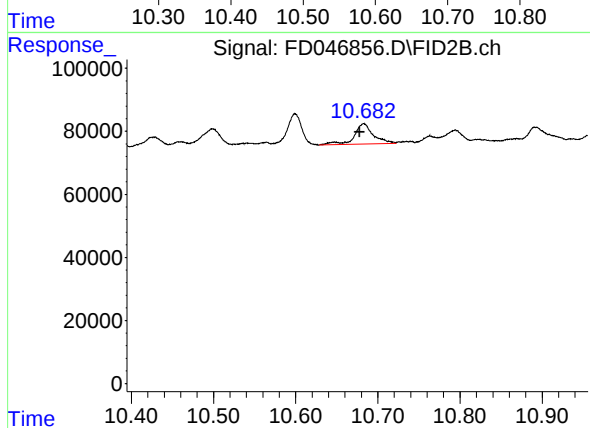
#8 Flouorene (C16.55)

R.T.: 9.226 min
Delta R.T.: 0.011 min
Response: 68108
Conc: 0.37 ug/ml



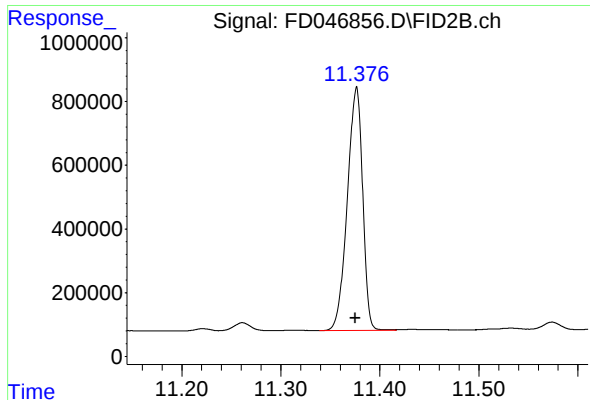
#9 Phenanthrene (C19.36)

R.T.: 10.599 min
Delta R.T.: -0.004 min
Response: 154551
Conc: 0.87 ug/ml



#10 Anthracene (C19.43)

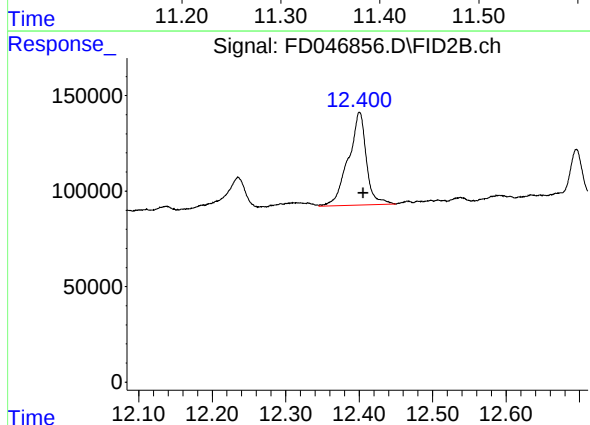
R.T.: 10.683 min
Delta R.T.: 0.005 min
Response: 104540
Conc: 0.61 ug/ml



#11 ortho-Terphenyl (SURR)

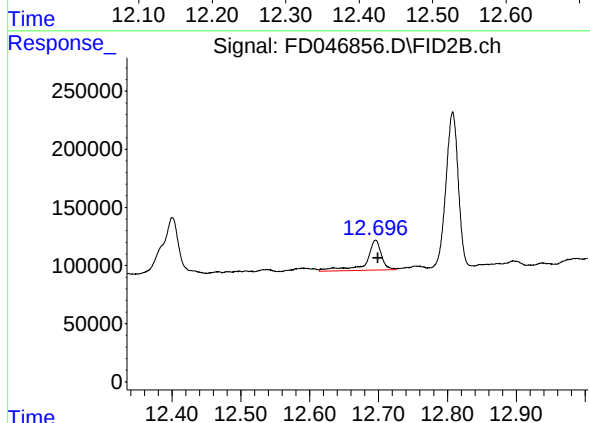
R.T.: 11.376 min
Delta R.T.: 0.000 min
Response: 8219948
Conc: 38.82 ug/ml

Instrument :
FID_D
ClientSampleId :



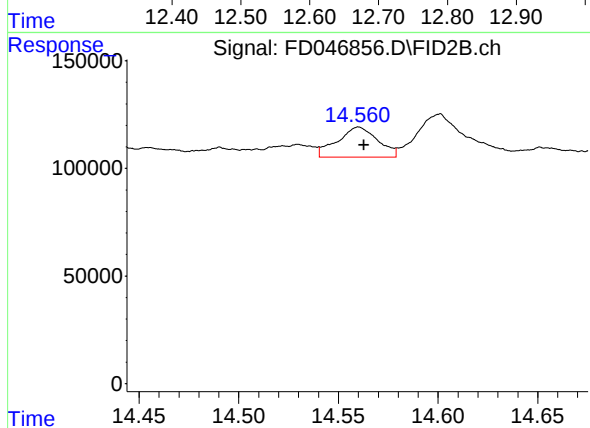
#12 Fluoranthene (C21.85)

R.T.: 12.400 min
Delta R.T.: -0.005 min
Response: 823627
Conc: 4.77 ug/ml



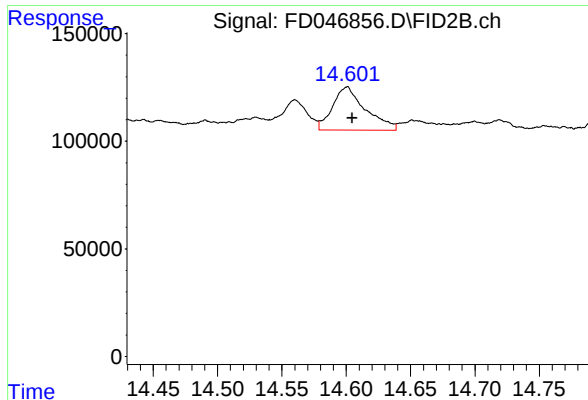
#13 Pyrene (C20.8)

R.T.: 12.696 min
Delta R.T.: -0.003 min
Response: 394332
Conc: 2.37 ug/ml



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

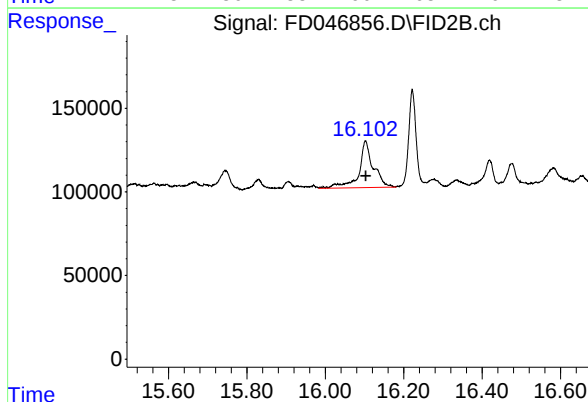
R.T.: 14.560 min
Delta R.T.: -0.002 min
Response: 197078
Conc: 1.40 ug/ml



#15 Chrysene (C27.41)

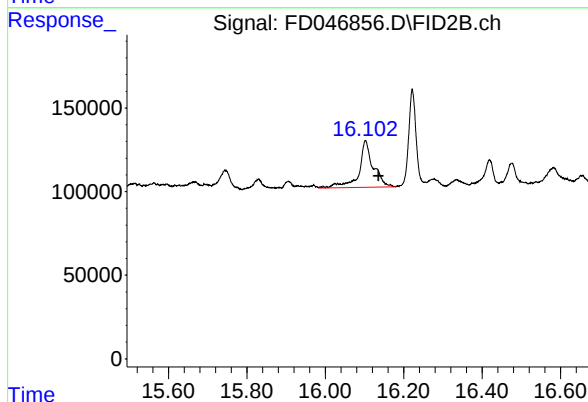
R.T.: 14.600 min
Delta R.T.: -0.005 min
Response: 358725
Conc: 2.30 ug/ml

Instrument :
FID_D
ClientSampleId :



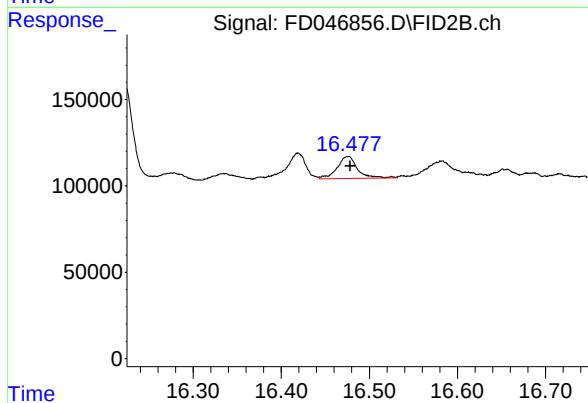
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.103 min
Delta R.T.: -0.001 min
Response: 714605
Conc: 4.99 ug/ml



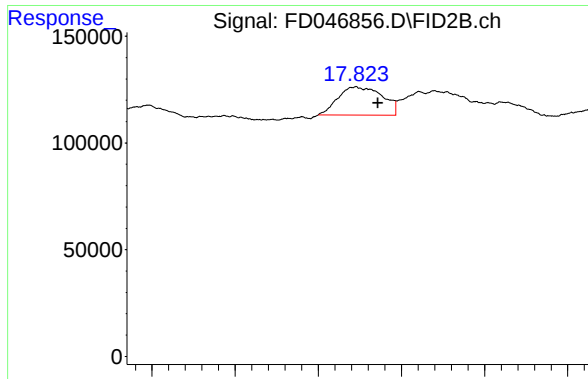
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.103 min
Delta R.T.: -0.033 min
Response: 714605
Conc: 4.88 ug/ml



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

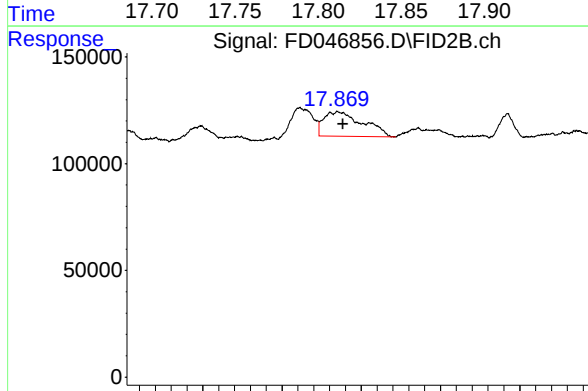
R.T.: 16.476 min
Delta R.T.: -0.003 min
Response: 204645
Conc: 1.46 ug/ml



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

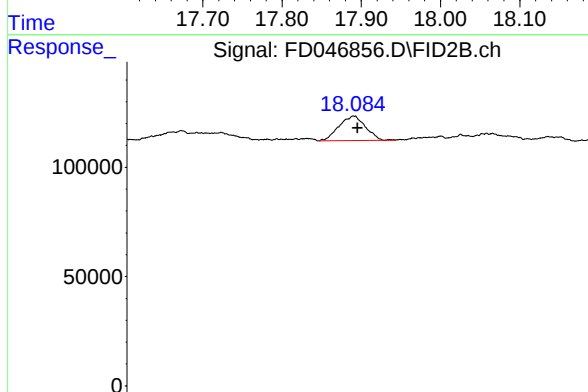
R.T.: 17.823 min
Delta R.T.: -0.013 min
Response: 243386
Conc: 1.93 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.871 min
Delta R.T.: -0.006 min
Response: 391045
Conc: 2.80 ug/ml



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

R.T.: 18.084 min
Delta R.T.: -0.003 min
Response: 134538
Conc: 0.96 ug/ml