

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100223AR\
 Data File : FD046618.D
 Signal(s) : FID2B.ch
 Acq On : 03 Oct 2023 02:03
 Operator : YP/AJ
 Sample : 04678-01
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 03 03:38:23 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 15 01:47:22 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...	7.494	12993078	73.730 ug/ml
Spiked Amount 50.000		Recovery =	147.46%
6) S 2-Fluorobiphenyl (SURR)	8.348	8439619	72.844 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	145.69%#
11) S ortho-Terphenyl (SURR)	11.386	13336626	65.463 ug/ml
Spiked Amount 50.000		Recovery =	130.93%
Target Compounds			
2) T Naphthalene (C11.7)	5.832	26507	0.137 ug/ml
3) T 2-Methylnaphthalene (...)	6.889	79103	0.408 ug/ml
5) T Acenaphthylene (C15.06)	8.109	31961	0.181 ug/ml
7) T Acenaphthene (C15.5)	8.402	76103	0.405 ug/ml
9) T Phenanthrene (C19.36)	10.609	66024	0.376 ug/ml
12) T Fluoranthene (C21.85)	12.408	182304	1.070 ug/ml
13) T Pyrene (C20.8)	12.701	158791	0.968 ug/ml
14) T Benzo[a]anthracene (C...	14.565	75902	0.544 ug/ml
15) T Chrysene (C27.41)	14.606	145401	0.958 ug/ml
16) T benzo[b]fluoranthene ...	16.106	190759	1.391 ug/ml
17) T Bnezo[k]fluoranthene ...	16.137	61755	0.446 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.481	63489	0.475 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.844	506388	4.040 ug/ml
20) T Dibenz[a,h]anthracene...	17.915	81126	0.610 ug/ml
21) T Benzo[g,h,i]perylene ...	18.085	76278	0.578 ug/ml

(f)=RT Delta > 1/2 Window

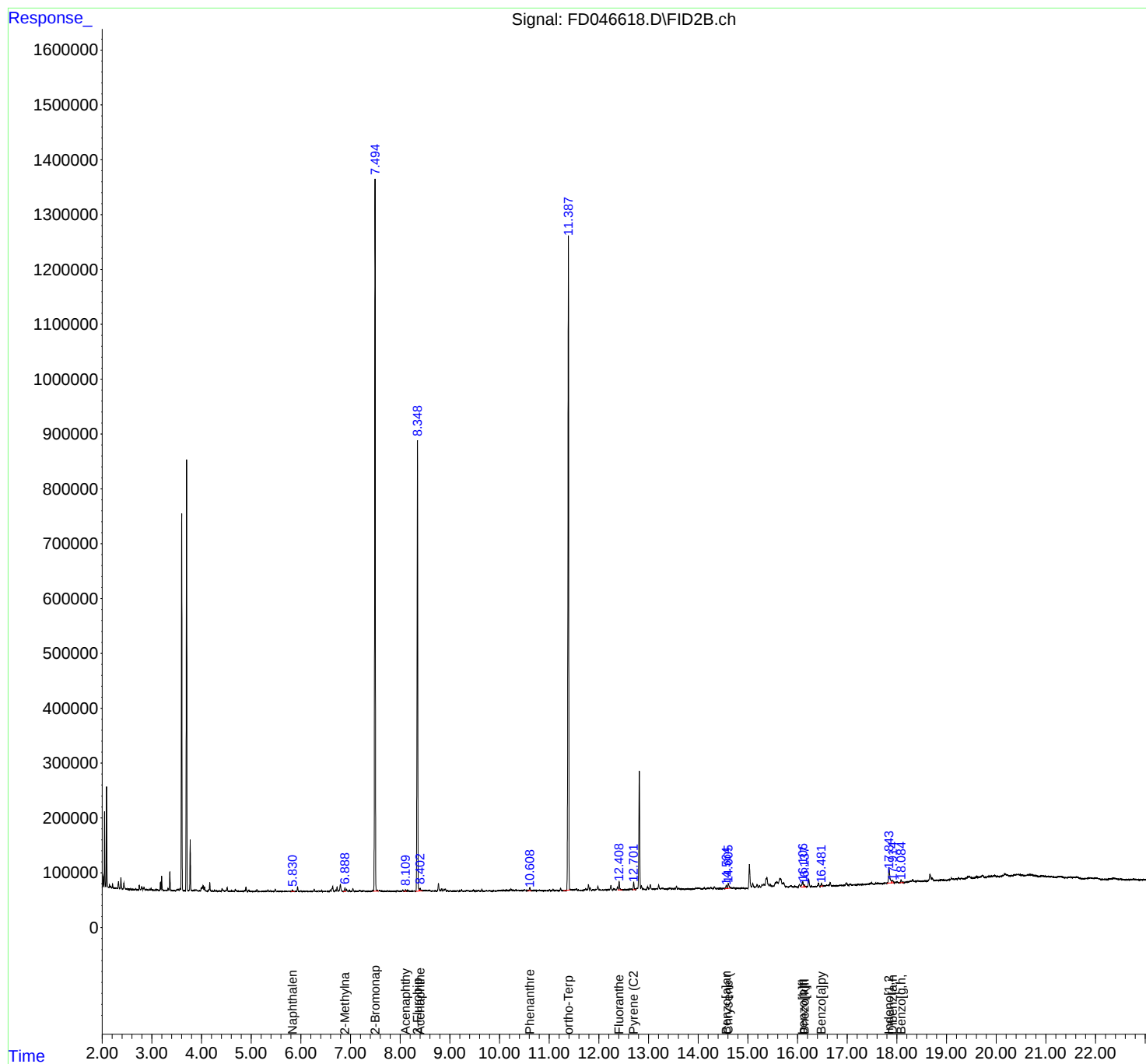
(m)=manual int.

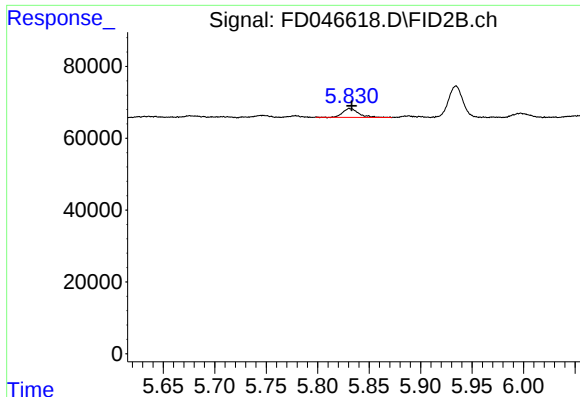
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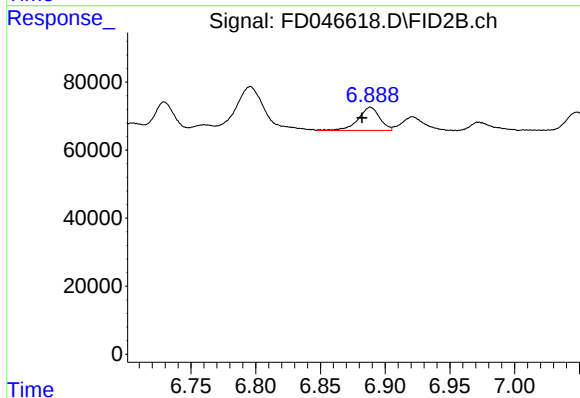




#2 Naphthalene (C11.7)

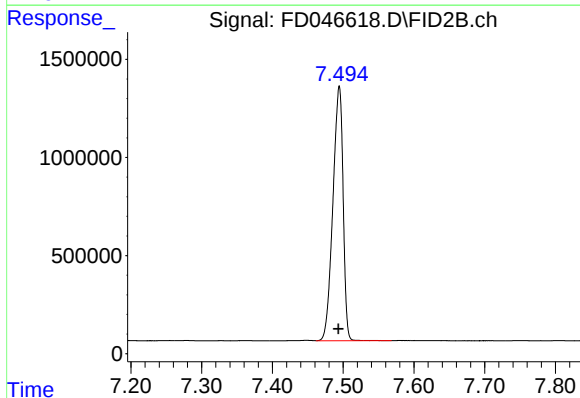
R.T.: 5.832 min
Delta R.T.: -0.001 min
Response: 26507
Conc: 0.14 ug/ml

Instrument :
FID_D
ClientSampleId :



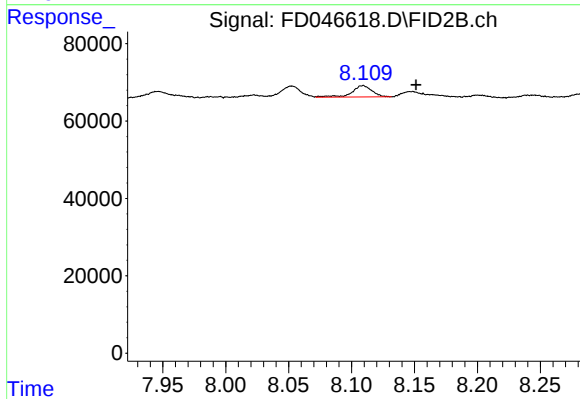
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.889 min
Delta R.T.: 0.006 min
Response: 79103
Conc: 0.41 ug/ml



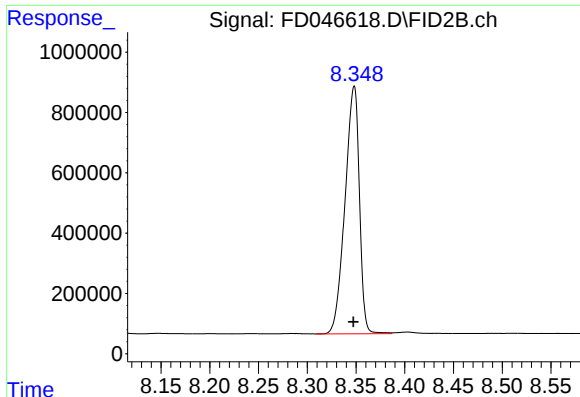
#4 2-Bromonaphthalene (SURR)

R.T.: 7.494 min
Delta R.T.: 0.000 min
Response: 12993078
Conc: 73.73 ug/ml



#5 Acenaphthylene (C15.06)

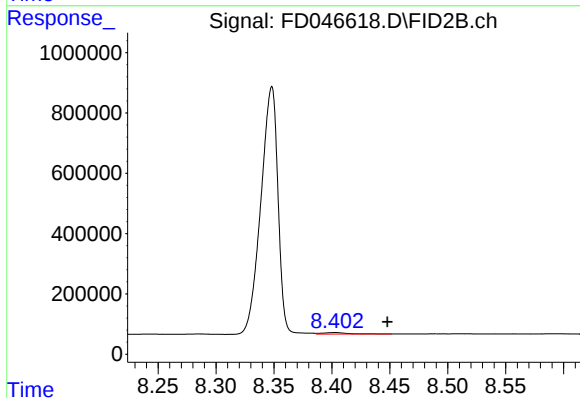
R.T.: 8.109 min
Delta R.T.: -0.042 min
Response: 31961
Conc: 0.18 ug/ml



#6 2-Fluorobiphenyl (SURR)

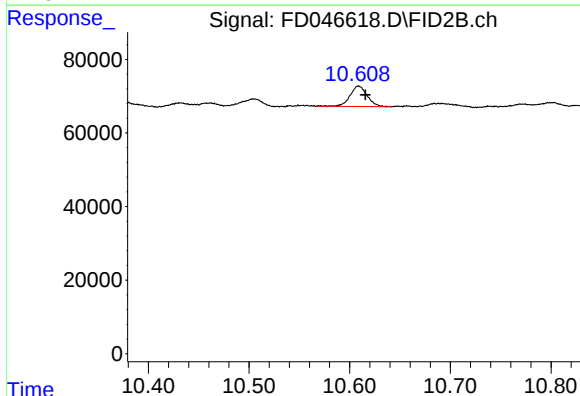
R.T.: 8.348 min
Delta R.T.: 0.000 min
Response: 8439619
Conc: 72.84 ug/ml

Instrument :
FID_D
ClientSampleId :



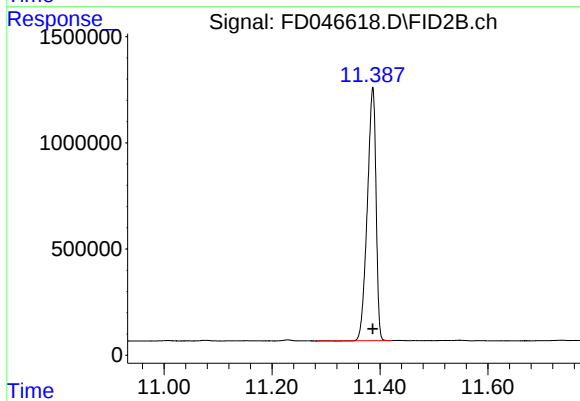
#7 Acenaphthene (C15.5)

R.T.: 8.402 min
Delta R.T.: -0.046 min
Response: 76103
Conc: 0.41 ug/ml



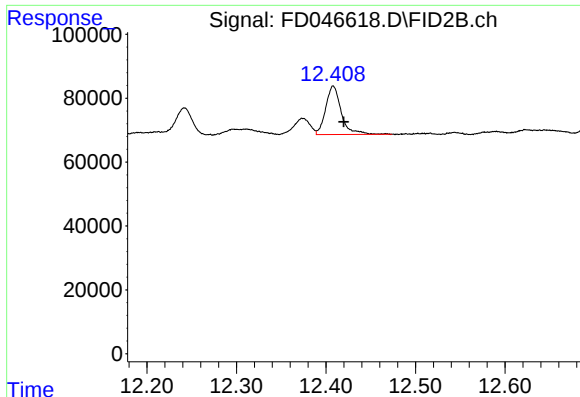
#9 Phenanthrene (C19.36)

R.T.: 10.609 min
Delta R.T.: -0.006 min
Response: 66024
Conc: 0.38 ug/ml



#11 ortho-Terphenyl (SURR)

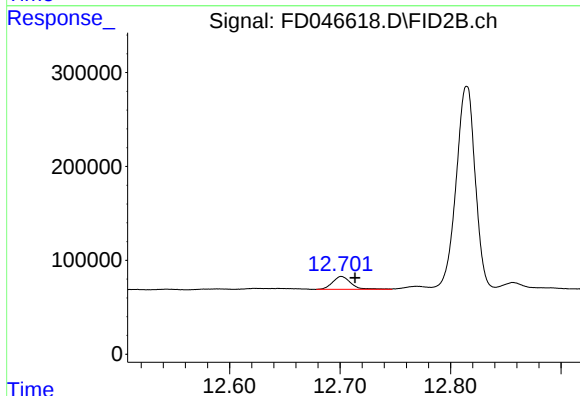
R.T.: 11.386 min
Delta R.T.: 0.000 min
Response: 13336626
Conc: 65.46 ug/ml



#12 Fluoranthene (C21.85)

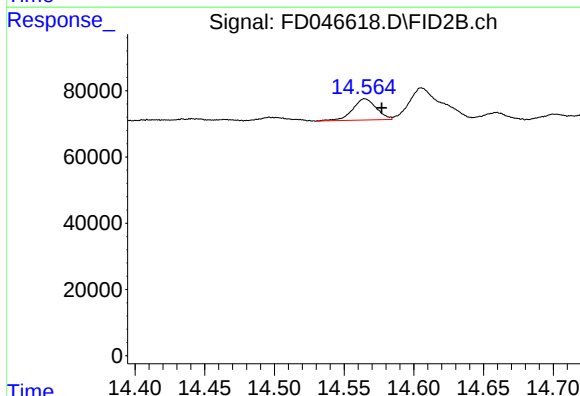
R.T.: 12.408 min
Delta R.T.: -0.012 min
Response: 182304
Conc: 1.07 ug/ml

Instrument :
FID_D
ClientSampleId :



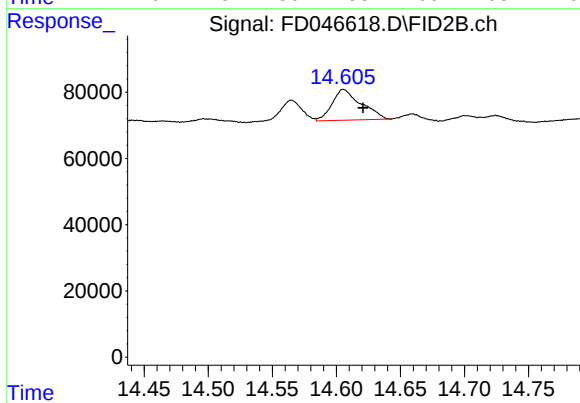
#13 Pyrene (C20.8)

R.T.: 12.701 min
Delta R.T.: -0.012 min
Response: 158791
Conc: 0.97 ug/ml



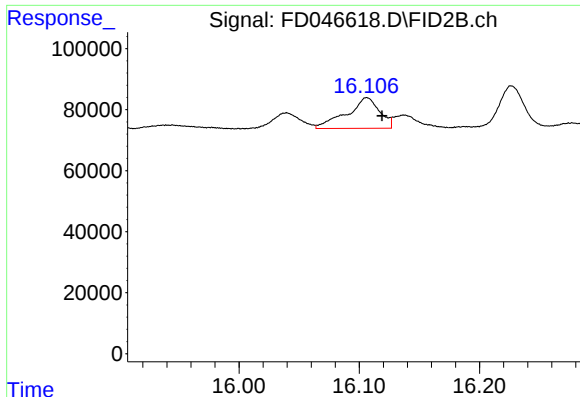
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.565 min
Delta R.T.: -0.012 min
Response: 75902
Conc: 0.54 ug/ml



#15 Chrysene (C27.41)

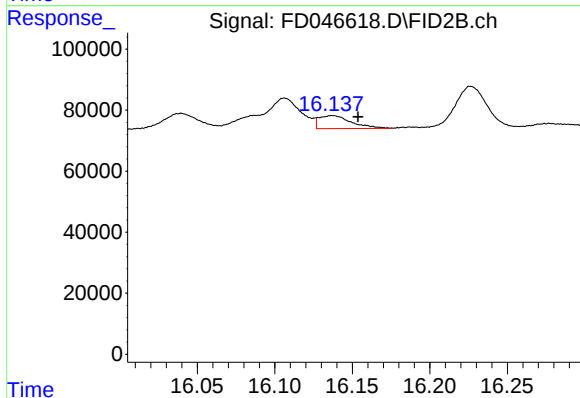
R.T.: 14.606 min
Delta R.T.: -0.015 min
Response: 145401
Conc: 0.96 ug/ml



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

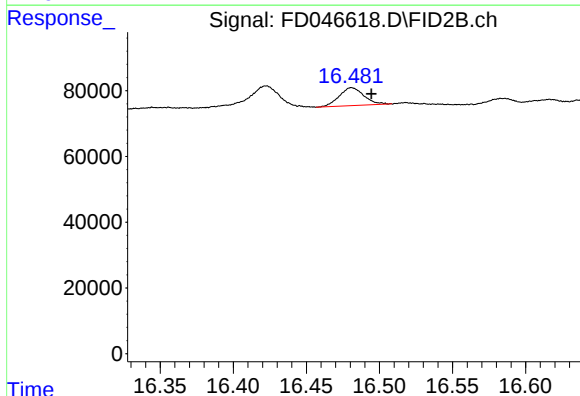
R.T.: 16.106 min
Delta R.T.: -0.013 min
Response: 190759
Conc: 1.39 ug/ml

Instrument :
FID_D
ClientSampleId :



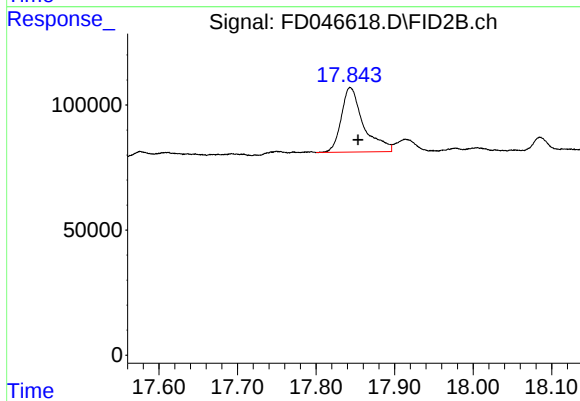
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.137 min
Delta R.T.: -0.017 min
Response: 61755
Conc: 0.45 ug/ml



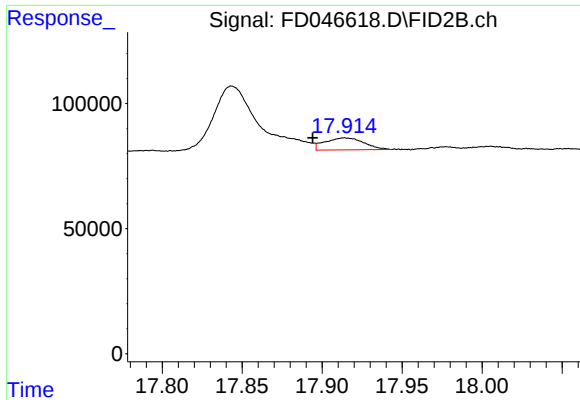
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.481 min
Delta R.T.: -0.013 min
Response: 63489
Conc: 0.47 ug/ml



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

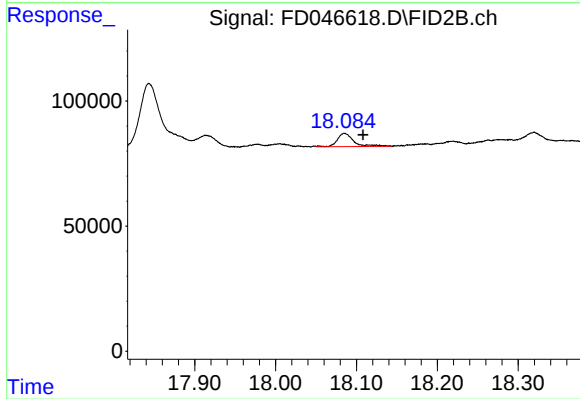
R.T.: 17.844 min
Delta R.T.: -0.010 min
Response: 506388
Conc: 4.04 ug/ml



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

R.T.: 17.915 min
Delta R.T.: 0.021 min
Response: 81126
Conc: 0.61 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.085 min
Delta R.T.: -0.023 min
Response: 76278
Conc: 0.58 ug/ml