

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD083122AR\
 Data File : FD043783.D
 Signal(s) : FID2B.ch
 Acq On : 31 Aug 2022 14:01
 Operator : YP/AJ
 Sample : N4421-09DL 5X
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 01 06:46:38 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 082322.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 25 11:00:10 2022
 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...	7.444	1499659	8.680 ug/ml
Spiked Amount 50.000		Recovery =	17.36%
6) S 2-Fluorobiphenyl (SURR)	8.338	318092	3.162 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	6.32%
11) S ortho-Terphenyl (SURR)	11.369	187668	0.897 ug/ml
Spiked Amount 50.000		Recovery =	1.79%
Target Compounds			
2) T Naphthalene (C11.7)	5.819	66057	0.329 ug/ml
3) T 2-Methylnaphthalene (...)	6.817	208638	1.156 ug/ml
5) T Acenaphthylene (C15.06)	8.135	146520	0.733 ug/ml
7) T Acenaphthene (C15.5)	8.402	239989	1.116 ug/ml
8) T Fluorene (C16.55)	9.197	115748	0.604 ug/ml
9) T Phenanthrene (C19.36)	10.576	354502	1.971 ug/ml
10) T Anthracene (C19.43)	10.644	260769	1.341 ug/ml
13) T Pyrene (C20.8)	12.670	582616	3.121 ug/ml
14) T Benzo[a]anthracene (C...	14.543	186514	1.304 ug/ml
15) T Chrysene (C27.41)	14.580	584546	3.029 ug/ml
16) T benzo[b]fluoranthene ...	16.086	353247	2.448 ug/ml
17) T Bnezo[k]fluoranthene ...	16.086	353247	2.054 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.470	188632	1.299 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.837	83616	0.809 ug/ml
20) T Dibenz[a,h]anthracene...	17.874	84101	0.598 ug/ml
21) T Benzo[g,h,i]perylene ...	18.081	262301	2.060 ug/ml

(f)=RT Delta > 1/2 Window

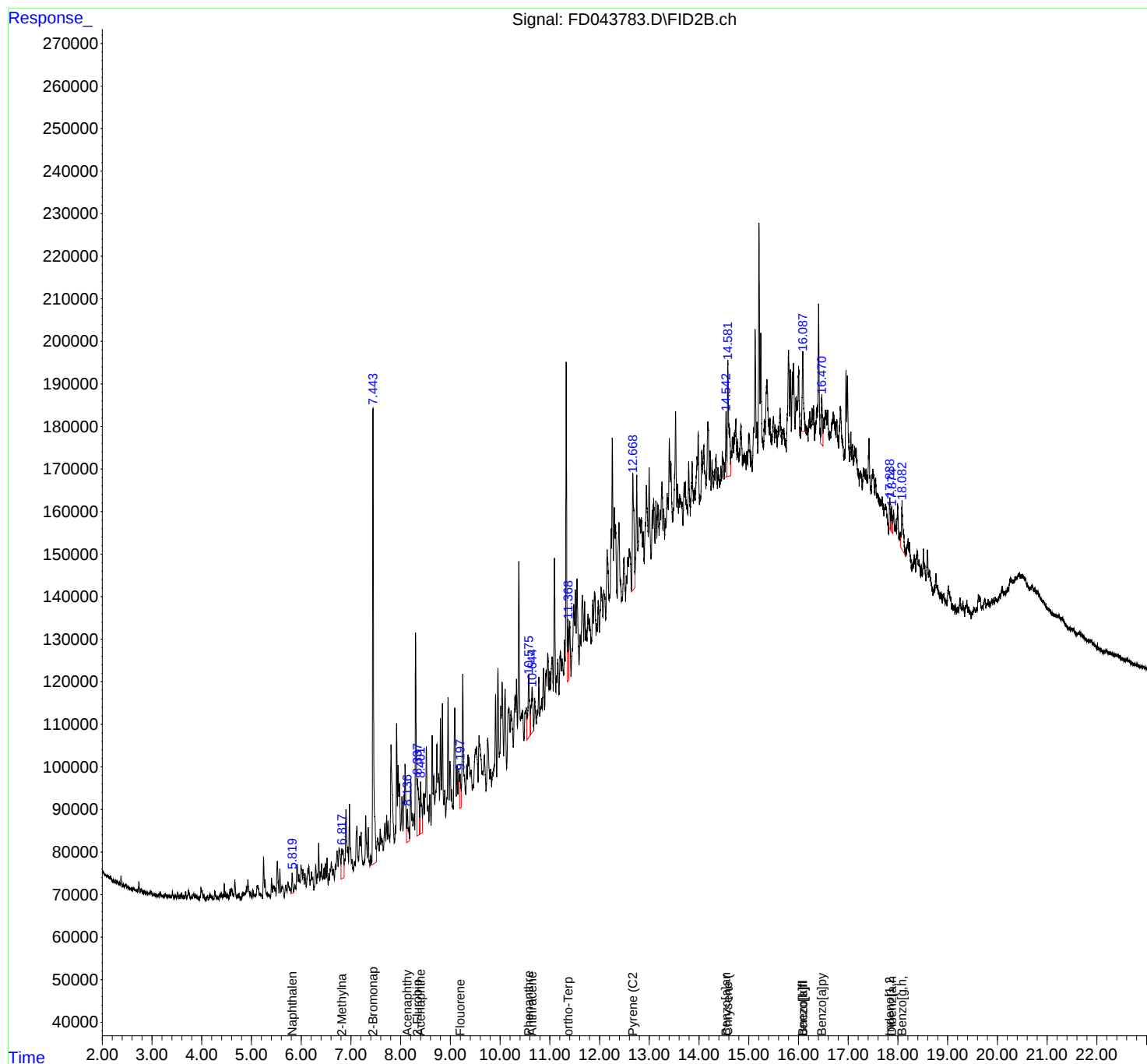
(m)=manual int.

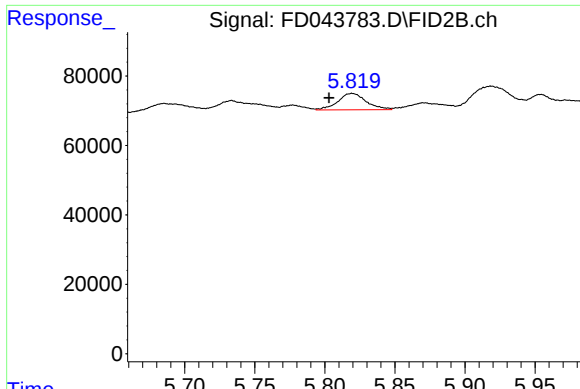
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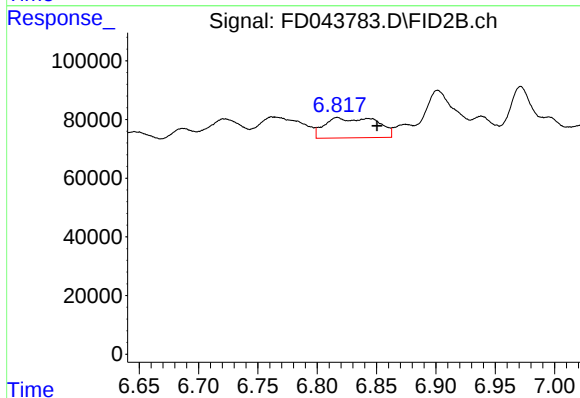




#2 Naphthalene (C11.7)

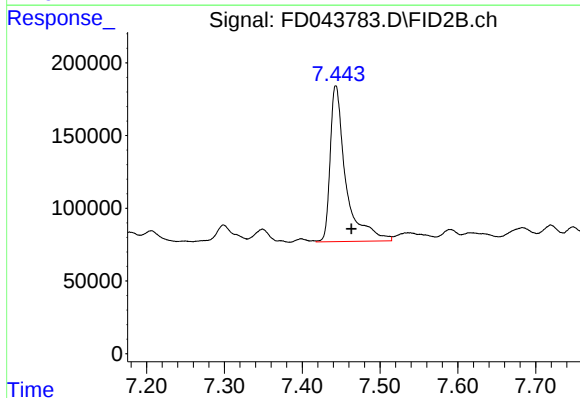
R.T.: 5.819 min
Delta R.T.: 0.016 min
Response: 66057
Conc: 0.33 ug/ml

Instrument :
FID_D
ClientSampleId :



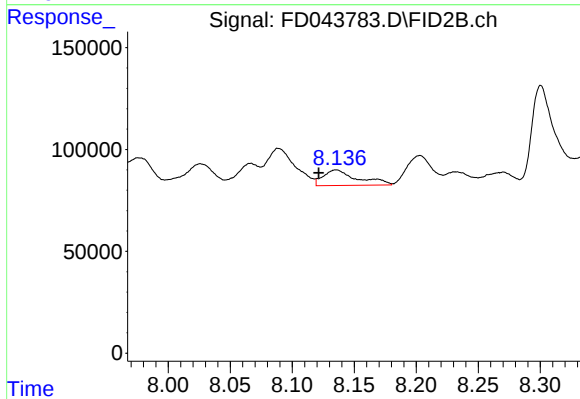
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.817 min
Delta R.T.: -0.033 min
Response: 208638
Conc: 1.16 ug/ml



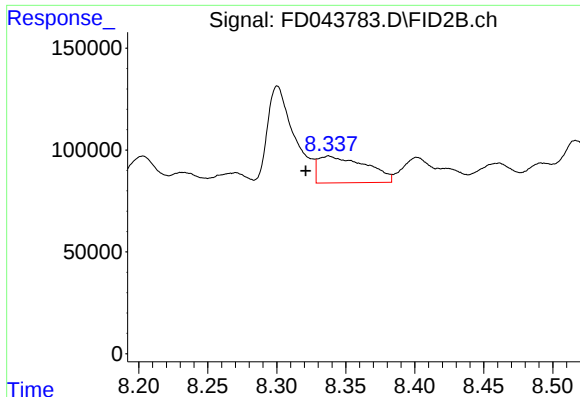
#4 2-Bromonaphthalene (SURR)

R.T.: 7.444 min
Delta R.T.: -0.019 min
Response: 1499659
Conc: 8.68 ug/ml



#5 Acenaphthylene (C15.06)

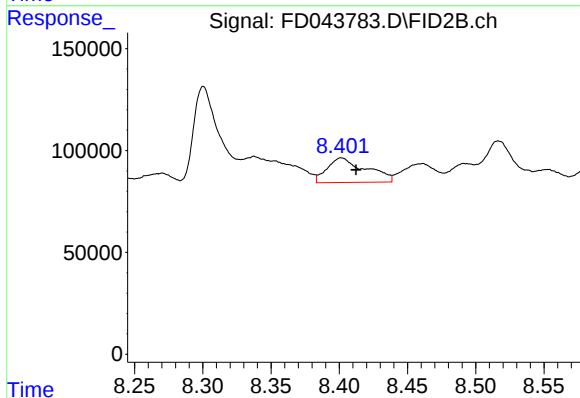
R.T.: 8.135 min
Delta R.T.: 0.014 min
Response: 146520
Conc: 0.73 ug/ml



#6 2-Fluorobiphenyl (SURR)

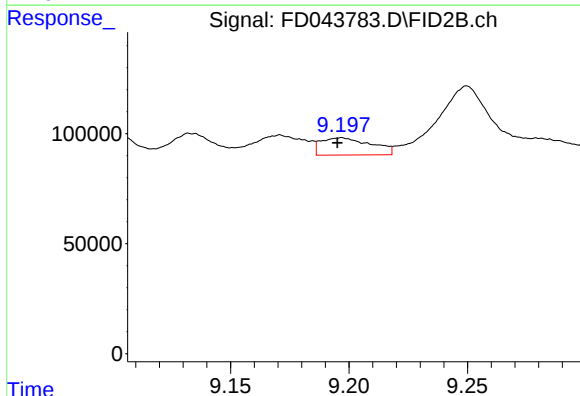
R.T.: 8.338 min
Delta R.T.: 0.017 min
Response: 318092
Conc: 3.16 ug/ml

Instrument :
FID_D
ClientSampleId :



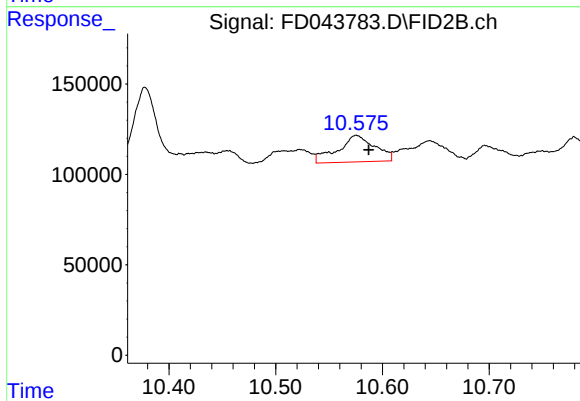
#7 Acenaphthene (C15.5)

R.T.: 8.402 min
Delta R.T.: -0.011 min
Response: 239989
Conc: 1.12 ug/ml



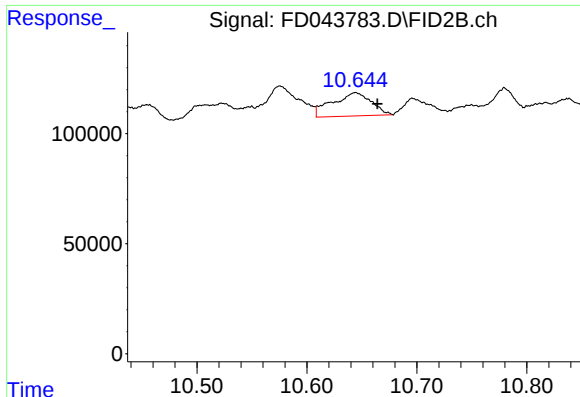
#8 Flouorene (C16.55)

R.T.: 9.197 min
Delta R.T.: 0.001 min
Response: 115748
Conc: 0.60 ug/ml



#9 Phenanthrene (C19.36)

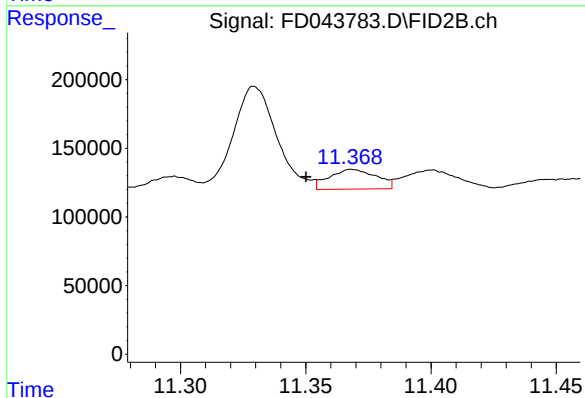
R.T.: 10.576 min
Delta R.T.: -0.011 min
Response: 354502
Conc: 1.97 ug/ml



#10 Anthracene (C19.43)

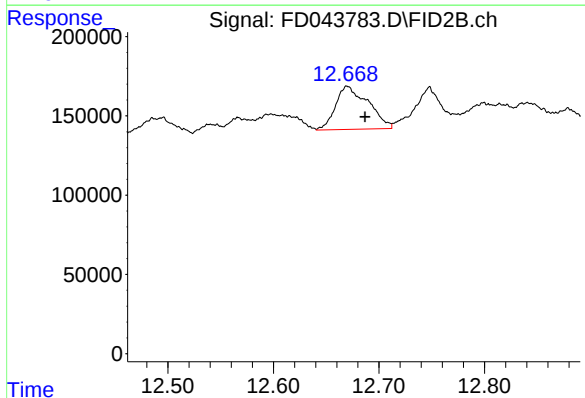
R.T.: 10.644 min
Delta R.T.: -0.020 min
Response: 260769
Conc: 1.34 ug/ml

Instrument :
FID_D
ClientSampleId :



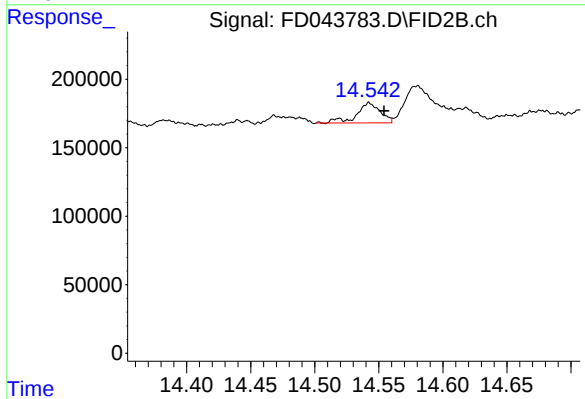
#11 ortho-Terphenyl (SURR)

R.T.: 11.369 min
Delta R.T.: 0.019 min
Response: 187668
Conc: 0.90 ug/ml



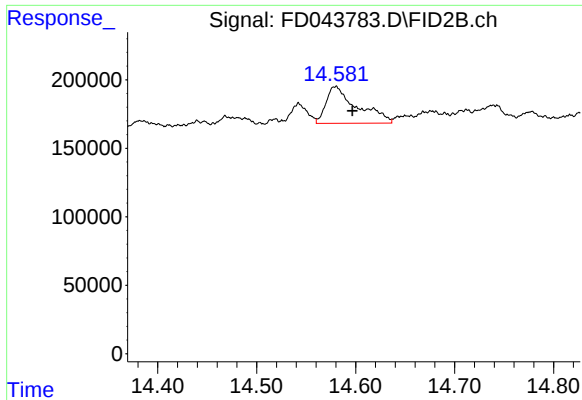
#13 Pyrene (C20.8)

R.T.: 12.670 min
Delta R.T.: -0.017 min
Response: 582616
Conc: 3.12 ug/ml



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

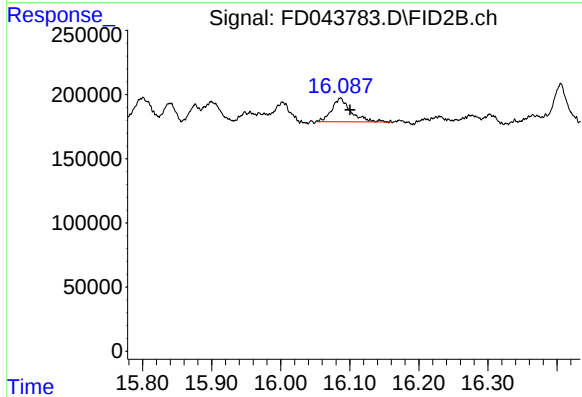
R.T.: 14.543 min
Delta R.T.: -0.012 min
Response: 186514
Conc: 1.30 ug/ml



#15 Chrysene (C27.41)

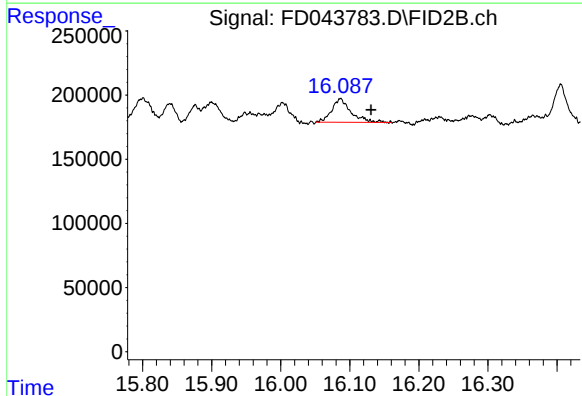
R.T.: 14.580 min
Delta R.T.: -0.017 min
Response: 584546
Conc: 3.03 ug/ml

Instrument :
FID_D
ClientSampleId :



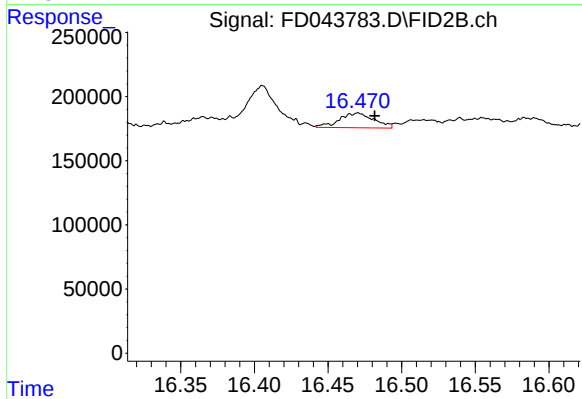
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.086 min
Delta R.T.: -0.014 min
Response: 353247
Conc: 2.45 ug/ml



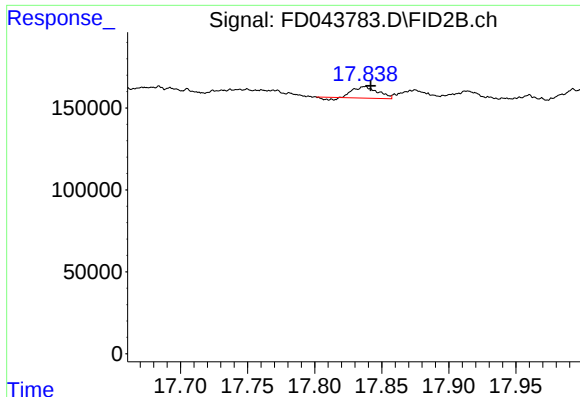
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.086 min
Delta R.T.: -0.045 min
Response: 353247
Conc: 2.05 ug/ml



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

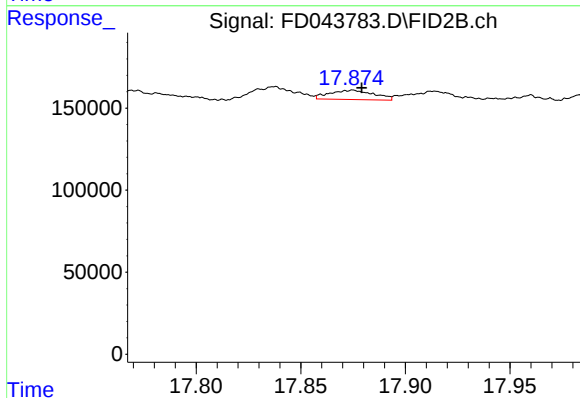
R.T.: 16.470 min
Delta R.T.: -0.012 min
Response: 188632
Conc: 1.30 ug/ml



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

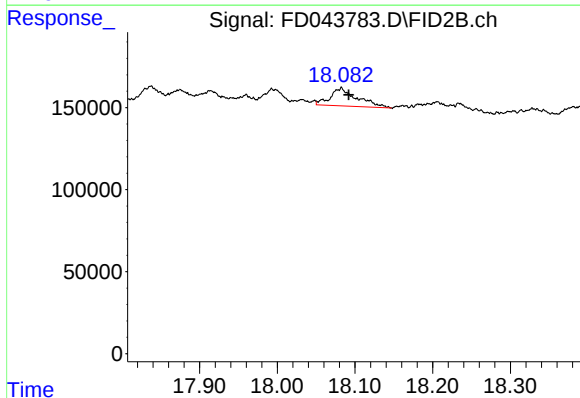
R.T.: 17.837 min
Delta R.T.: -0.005 min
Response: 83616
Conc: 0.81 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.874 min
Delta R.T.: -0.005 min
Response: 84101
Conc: 0.60 ug/ml



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

R.T.: 18.081 min
Delta R.T.: -0.011 min
Response: 262301
Conc: 2.06 ug/ml