

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021023AR\
 Data File : FD045010.D
 Signal(s) : FID2B.ch
 Acq On : 10 Feb 2023 22:29
 Operator : YP/AJ
 Sample : 01508-02
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 13 06:25:03 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 012323.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 23 15:00:18 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...	7.557	7069558	48.203 ug/ml
Spiked Amount 50.000		Recovery =	96.41%
6) S 2-Fluorobiphenyl (SURR)	8.414	4736488	47.454 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	94.91%
11) S ortho-Terphenyl (SURR)	11.455	5685925	30.593 ug/ml
Spiked Amount 50.000		Recovery =	61.19%
Target Compounds			
5) T Acenaphthylene (C15.06)	8.173	41460	0.264 ug/ml
7) T Acenaphthene (C15.5)	8.566f	56438	0.339 ug/ml
8) T Fluorene (C16.55)	9.314	76199	0.464 ug/ml
9) T Phenanthrene (C19.36)	10.678	52433	0.324 ug/ml
10) T Anthracene (C19.43)	10.756	64749	0.437 ug/ml
12) T Fluoranthene (C21.85)	12.483	78949	0.493 ug/ml
13) T Pyrene (C20.8)	12.779	75284	0.480 ug/ml
14) T Benzo[a]anthracene (C...	14.643	45620	0.320 ug/ml
15) T Chrysene (C27.41)	14.683	65133	0.440 ug/ml
16) T benzo[b]fluoranthene ...	16.186	144989	0.999 ug/ml
17) T Bnezo[k]fluoranthene ...	16.186	144989	1.017 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.559	114457	0.819 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.914	271371	2.017 ug/ml
20) T Dibenz[a,h]anthracene...	17.992	38555	0.291 ug/ml
21) T Benzo[g,h,i]perylene ...	18.172	116233	0.855 ug/ml

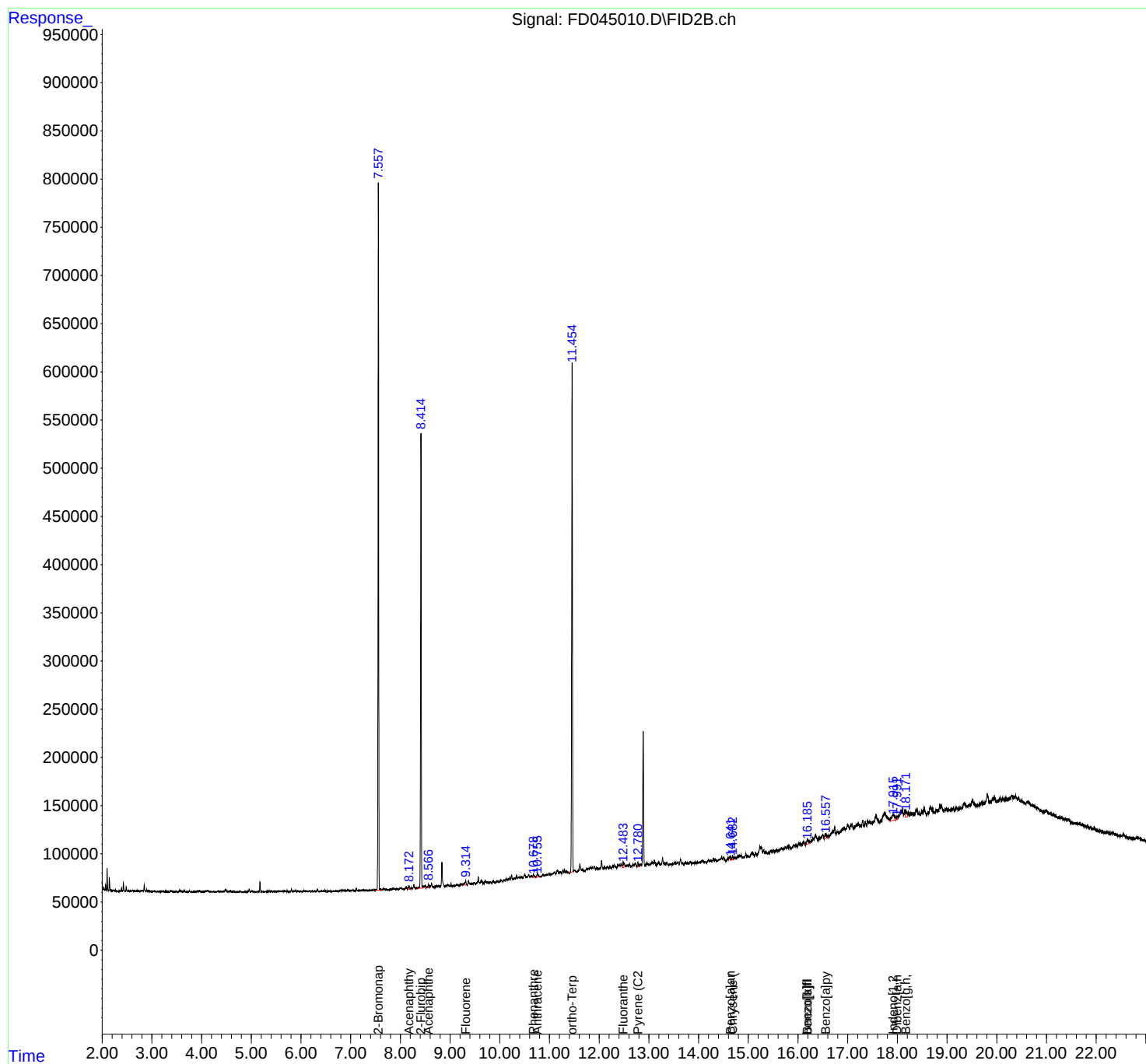
(f)=RT Delta > 1/2 Window

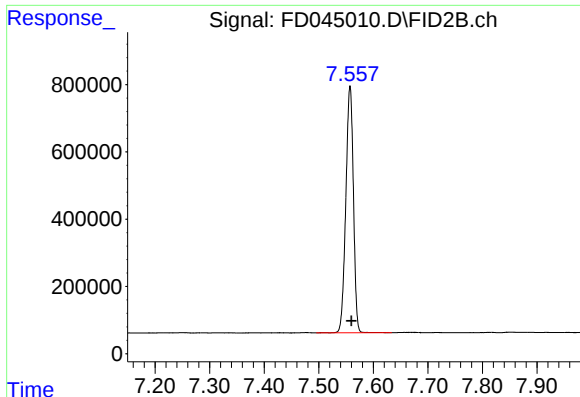
(m)=manual int.

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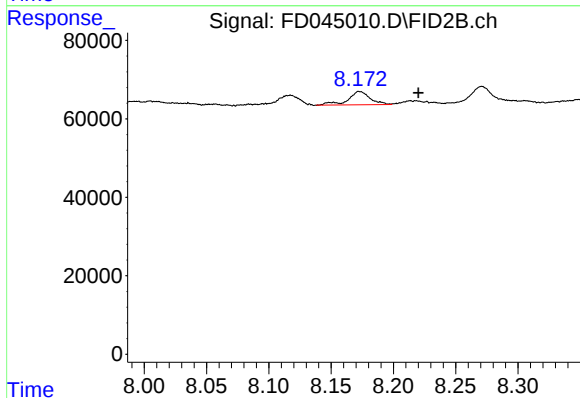
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Signal Info : 20M x 0.18mm x 0.18µm





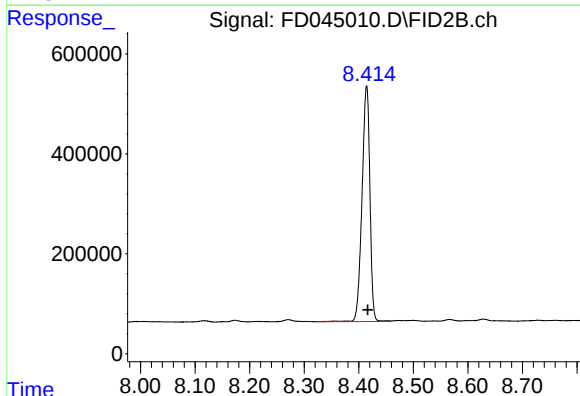
#4 2-Bromonaphthalene (SURR)

R.T.: 7.557 min
Delta R.T.: -0.003 min
Response: 7069558
Conc: 48.20 ug/ml



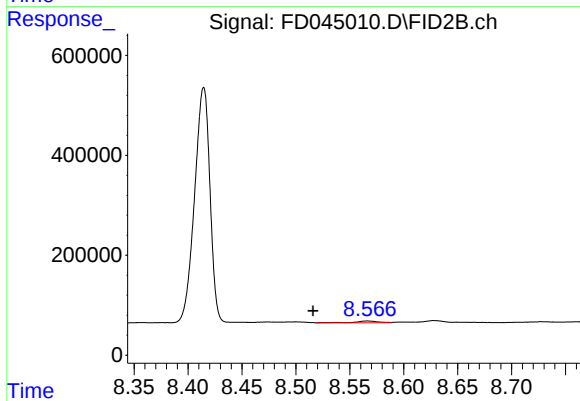
#5 Acenaphthylene (C15.06)

R.T.: 8.173 min
Delta R.T.: -0.047 min
Response: 41460
Conc: 0.26 ug/ml



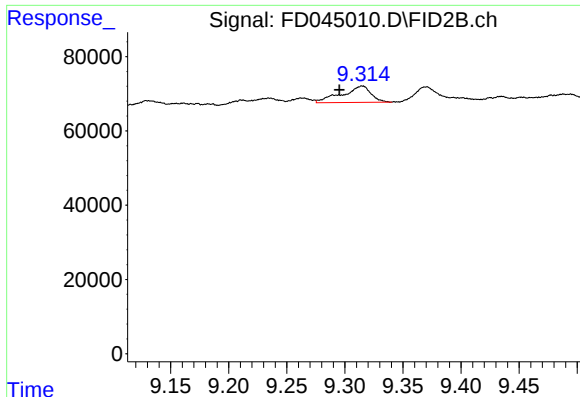
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.414 min
Delta R.T.: -0.002 min
Response: 4736488
Conc: 47.45 ug/ml



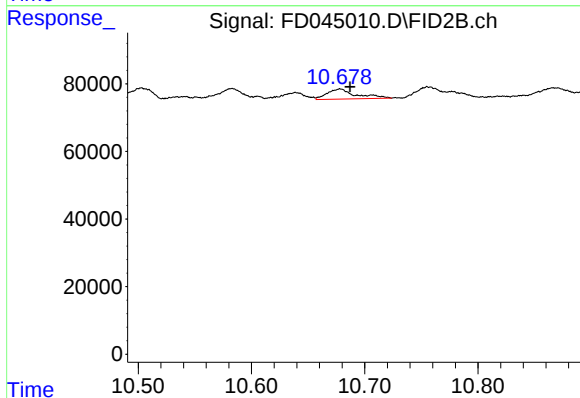
#7 Acenaphthene (C15.5)

R.T.: 8.566 min
Delta R.T.: 0.051 min
Response: 56438
Conc: 0.34 ug/ml



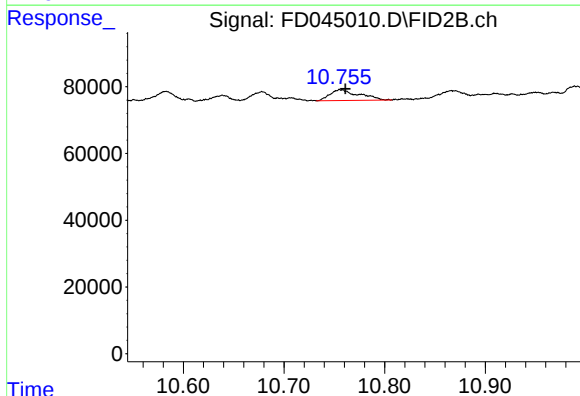
#8 Flouorene (C16.55)

R.T.: 9.314 min
Delta R.T.: 0.019 min
Response: 76199
Conc: 0.46 ug/ml



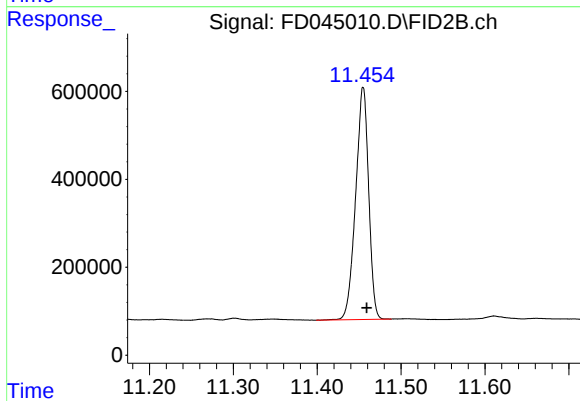
#9 Phenanthrene (C19.36)

R.T.: 10.678 min
Delta R.T.: -0.009 min
Response: 52433
Conc: 0.32 ug/ml



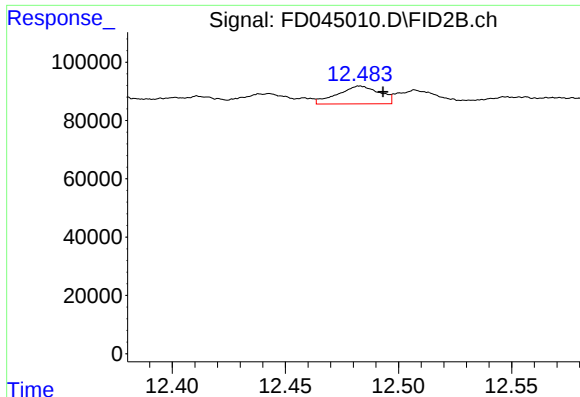
#10 Anthracene (C19.43)

R.T.: 10.756 min
Delta R.T.: -0.005 min
Response: 64749
Conc: 0.44 ug/ml



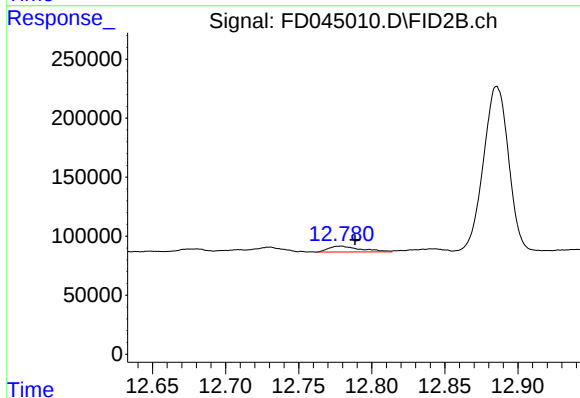
#11 ortho-Terphenyl (SURR)

R.T.: 11.455 min
Delta R.T.: -0.004 min
Response: 5685925
Conc: 30.59 ug/ml



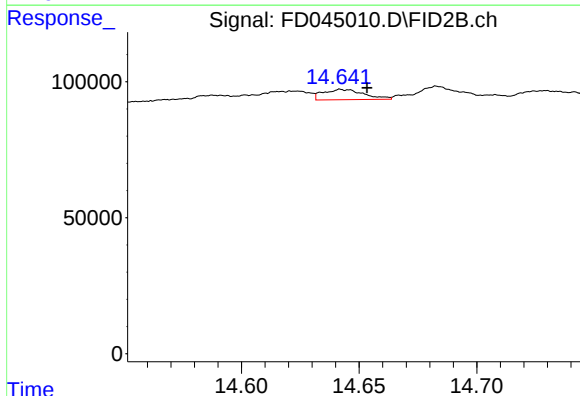
#12 Fluoranthene (C21.85)

R.T.: 12.483 min
Delta R.T.: -0.010 min
Response: 78949
Conc: 0.49 ug/ml



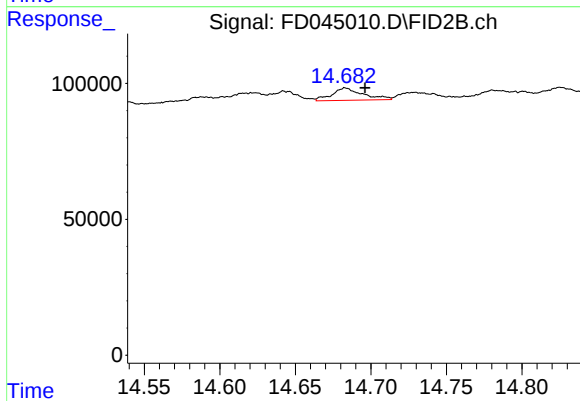
#13 Pyrene (C20.8)

R.T.: 12.779 min
Delta R.T.: -0.010 min
Response: 75284
Conc: 0.48 ug/ml



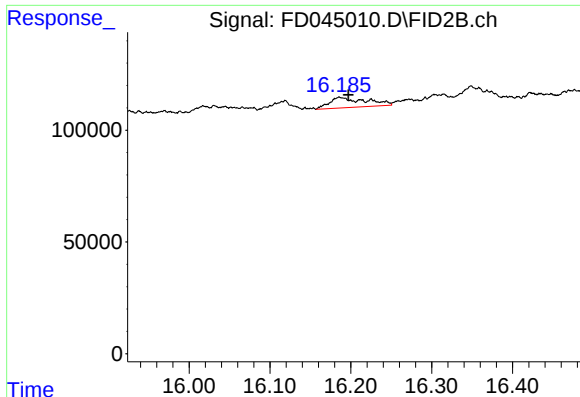
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.643 min
Delta R.T.: -0.010 min
Response: 45620
Conc: 0.32 ug/ml



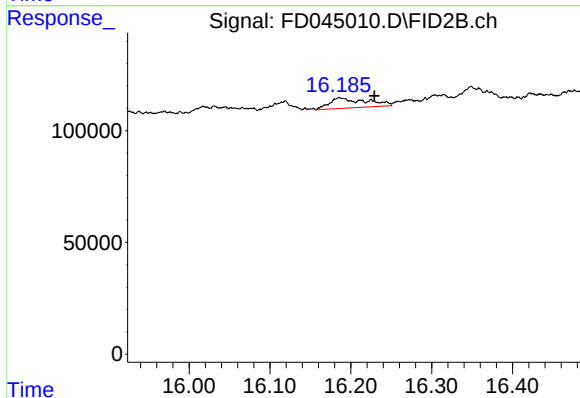
#15 Chrysene (C27.41)

R.T.: 14.683 min
Delta R.T.: -0.013 min
Response: 65133
Conc: 0.44 ug/ml



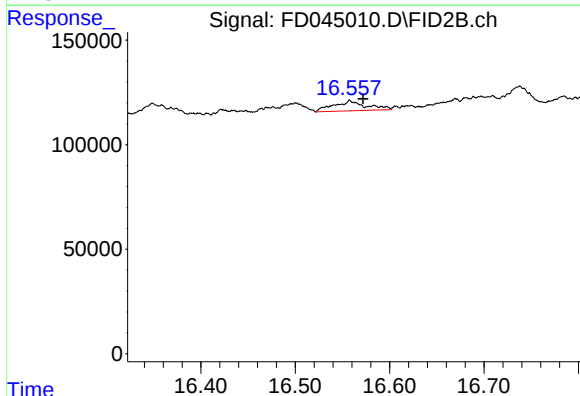
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.186 min
Delta R.T.: -0.011 min
Response: 144989
Conc: 1.00 ug/ml



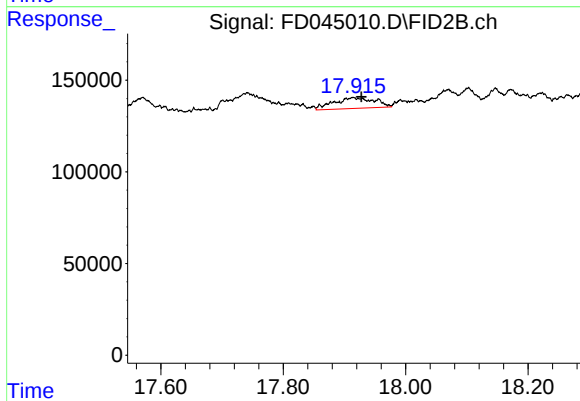
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.186 min
Delta R.T.: -0.043 min
Response: 144989
Conc: 1.02 ug/ml



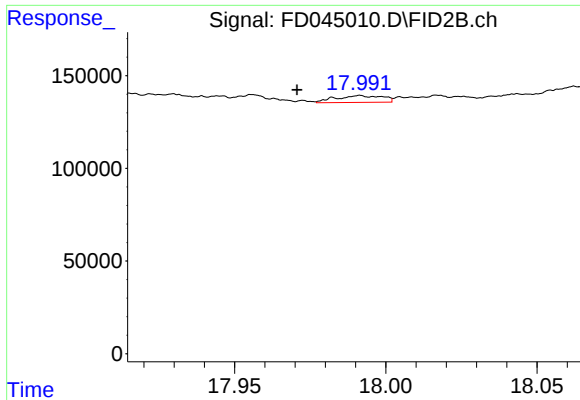
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.559 min
Delta R.T.: -0.013 min
Response: 114457
Conc: 0.82 ug/ml



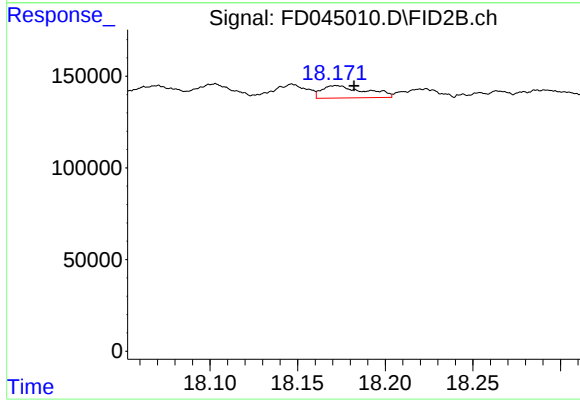
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.914 min
Delta R.T.: -0.014 min
Response: 271371
Conc: 2.02 ug/ml



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

R.T.: 17.992 min
Delta R.T.: 0.022 min
Response: 38555
Conc: 0.29 ug/ml



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

R.T.: 18.172 min
Delta R.T.: -0.010 min
Response: 116233
Conc: 0.85 ug/ml