

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021023AR\
 Data File : FD045005.D
 Signal(s) : FID2B.ch
 Acq On : 10 Feb 2023 18:59
 Operator : YP/AJ
 Sample : 01504-03
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 13 06:24:14 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...	7.556	6306403	43.000 ug/ml
Spiked Amount 50.000		Recovery =	86.00%
6) S 2-Fluorobiphenyl (SURR)	8.412	4071049	40.787 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	81.57%
11) S ortho-Terphenyl (SURR)	11.452	5498472	29.584 ug/ml
Spiked Amount 50.000		Recovery =	59.17%
Target Compounds			
2) T Naphthalene (C11.7)	5.895	35494	0.209 ug/ml
5) T Acenaphthylene (C15.06)	8.214	204713	1.303 ug/ml
8) T Fluorene (C16.55)	9.287	97426	0.594 ug/ml
9) T Phenanthrene (C19.36)	10.677	659803	4.081 ug/ml
10) T Anthracene (C19.43)	10.750	163454	1.103 ug/ml
12) T Fluoranthene (C21.85)	12.482	1143339	7.144 ug/ml
13) T Pyrene (C20.8)	12.777	884214	5.635 ug/ml
14) T Benzo[a]anthracene (C...	14.640	433548	3.038 ug/ml
15) T Chrysene (C27.41)	14.680	486075	3.283 ug/ml
16) T benzo[b]fluoranthene ...	16.184	657949	4.535 ug/ml
17) T Bnezo[k]fluoranthene ...	16.212	248021	1.740 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.557	492012	3.521 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.913	411680	3.059 ug/ml
20) T Dibenz[a,h]anthracene...	17.957	179918	1.358 ug/ml
21) T Benzo[g,h,i]perylene ...	18.165	463087	3.406 ug/ml

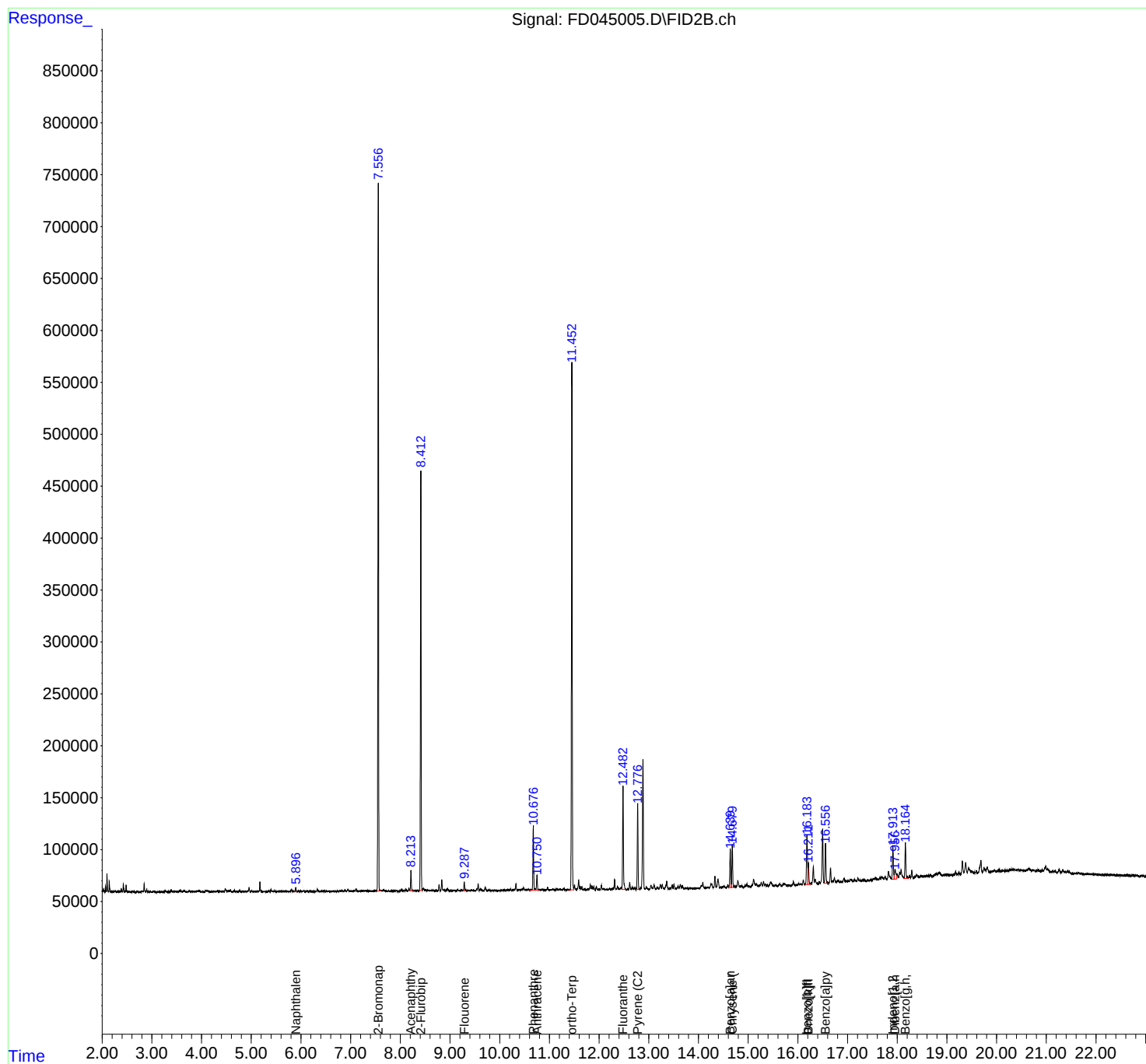
(f)=RT Delta > 1/2 Window

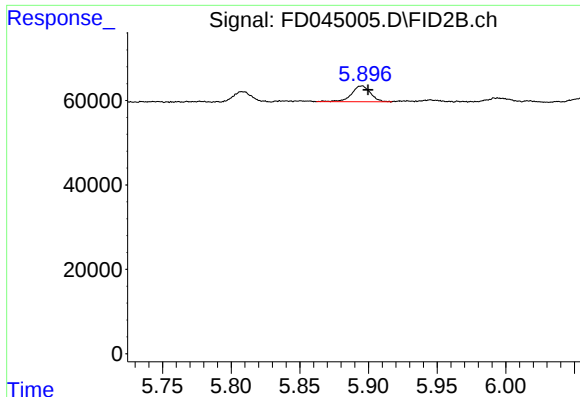
(m)=manual int.

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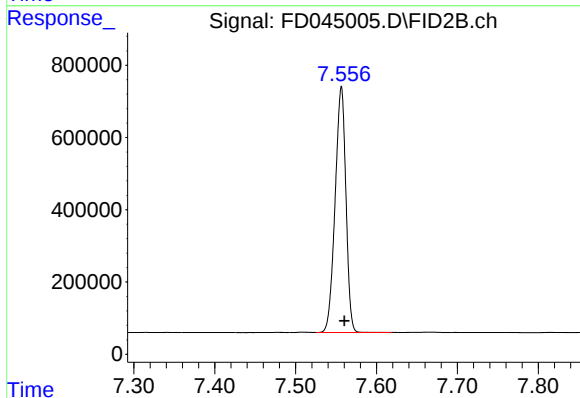
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Signal Info : 20M x 0.18mm x 0.18µm





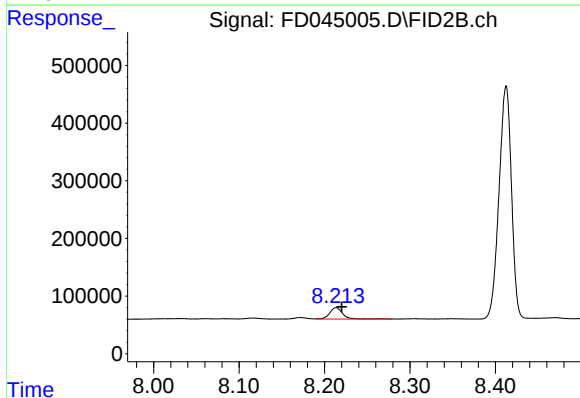
#2 Naphthalene (C11.7)

R.T.: 5.895 min
Delta R.T.: -0.005 min
Response: 35494
Conc: 0.21 ug/ml



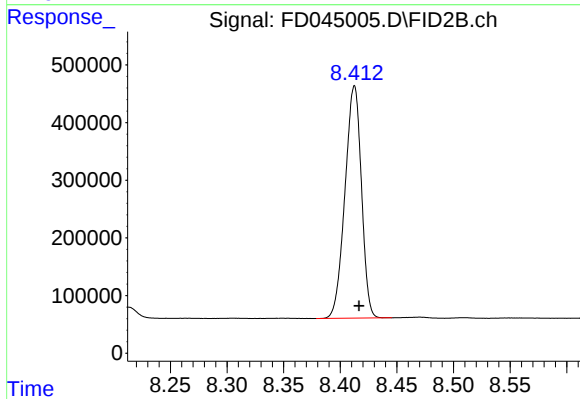
#4 2-Bromonaphthalene (SURR)

R.T.: 7.556 min
Delta R.T.: -0.004 min
Response: 6306403
Conc: 43.00 ug/ml



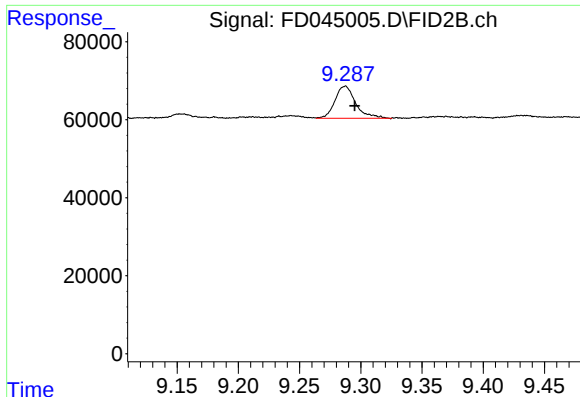
#5 Acenaphthylene (C15.06)

R.T.: 8.214 min
Delta R.T.: -0.007 min
Response: 204713
Conc: 1.30 ug/ml



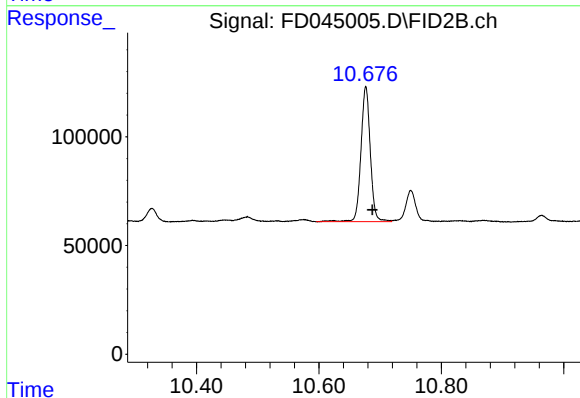
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.412 min
Delta R.T.: -0.004 min
Response: 4071049
Conc: 40.79 ug/ml



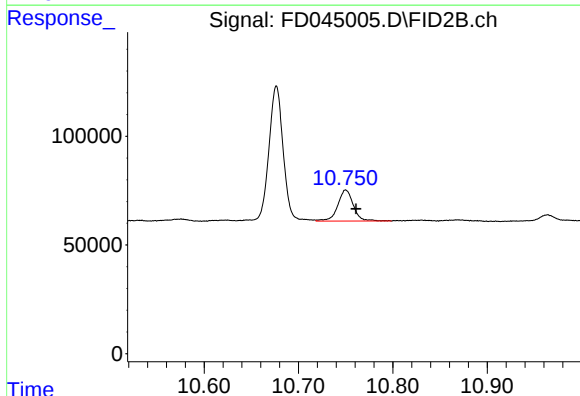
#8 Flouorene (C16.55)

R.T.: 9.287 min
Delta R.T.: -0.008 min
Response: 97426
Conc: 0.59 ug/ml



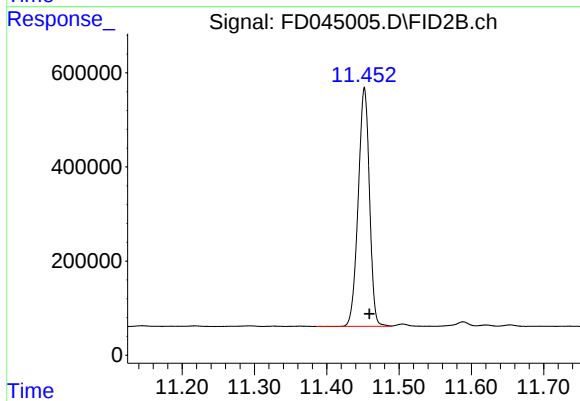
#9 Phenanthrene (C19.36)

R.T.: 10.677 min
Delta R.T.: -0.011 min
Response: 659803
Conc: 4.08 ug/ml



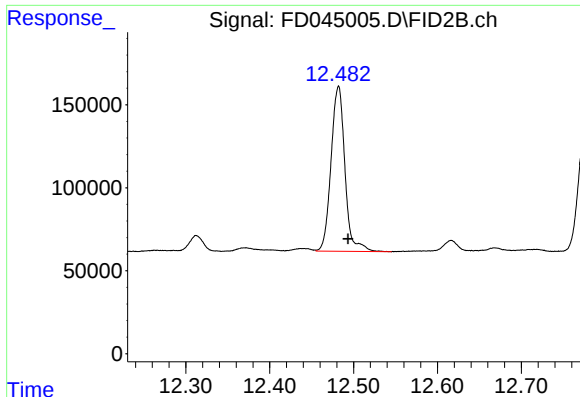
#10 Anthracene (C19.43)

R.T.: 10.750 min
Delta R.T.: -0.011 min
Response: 163454
Conc: 1.10 ug/ml



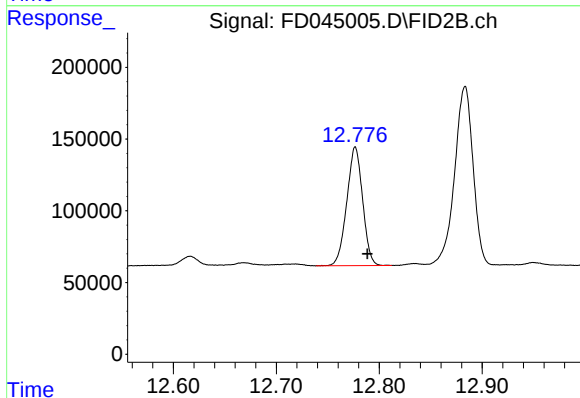
#11 ortho-Terphenyl (SURR)

R.T.: 11.452 min
Delta R.T.: -0.007 min
Response: 5498472
Conc: 29.58 ug/ml



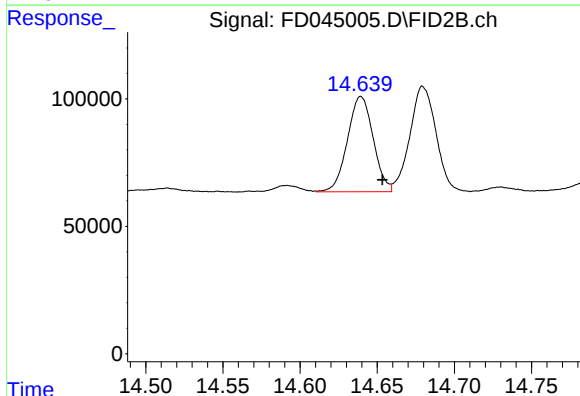
#12 Fluoranthene (C21.85)

R.T.: 12.482 min
Delta R.T.: -0.011 min
Response: 1143339
Conc: 7.14 ug/ml



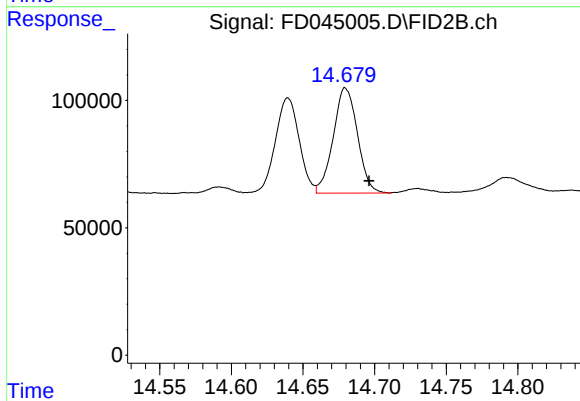
#13 Pyrene (C20.8)

R.T.: 12.777 min
Delta R.T.: -0.012 min
Response: 884214
Conc: 5.63 ug/ml



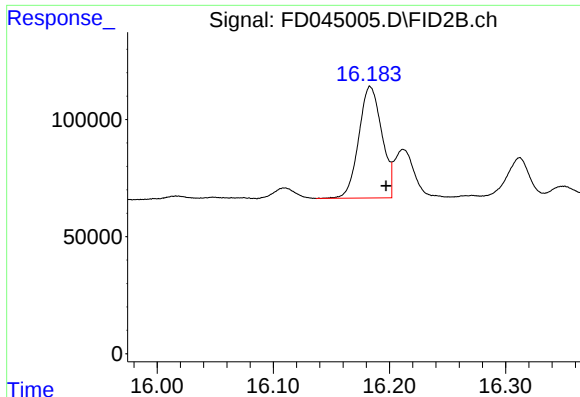
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.640 min
Delta R.T.: -0.014 min
Response: 433548
Conc: 3.04 ug/ml



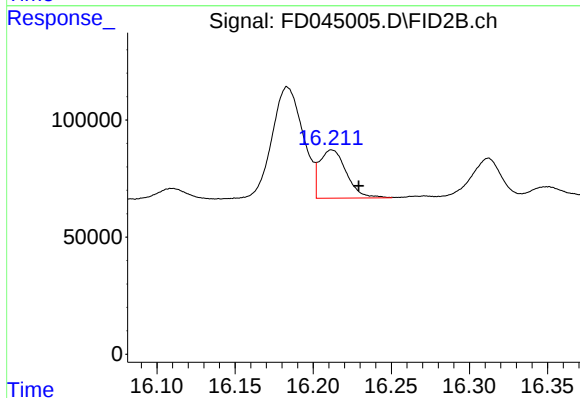
#15 Chrysene (C27.41)

R.T.: 14.680 min
Delta R.T.: -0.016 min
Response: 486075
Conc: 3.28 ug/ml



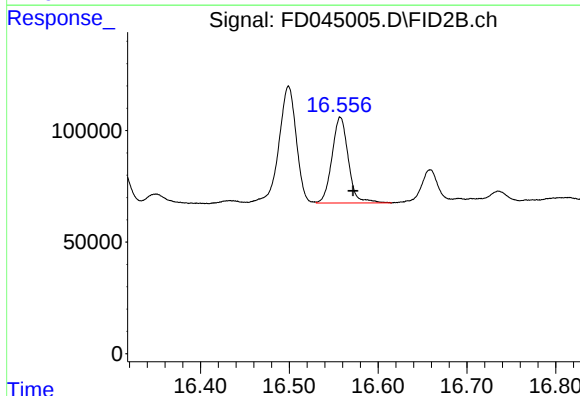
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.184 min
Delta R.T.: -0.013 min
Response: 657949
Conc: 4.54 ug/ml



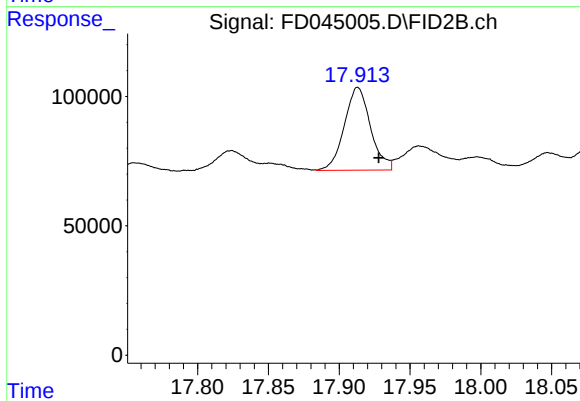
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.212 min
Delta R.T.: -0.017 min
Response: 248021
Conc: 1.74 ug/ml



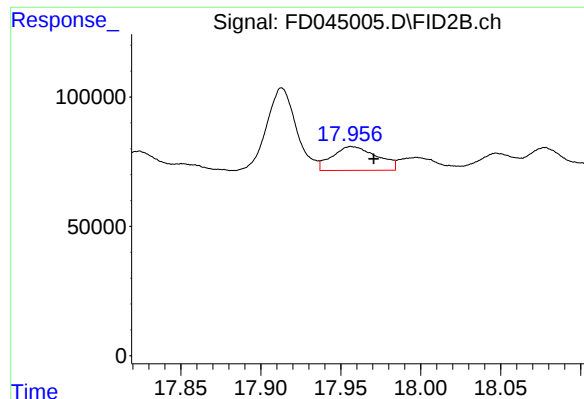
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.557 min
Delta R.T.: -0.014 min
Response: 492012
Conc: 3.52 ug/ml



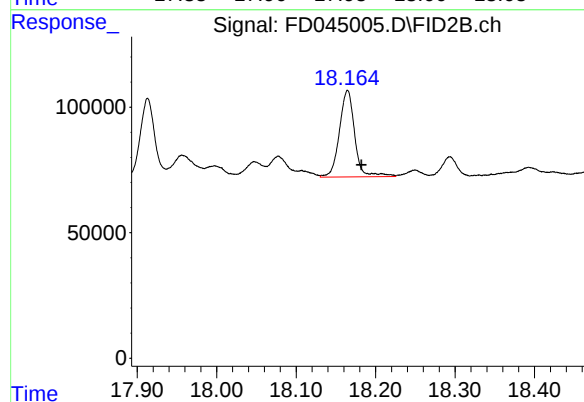
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.913 min
Delta R.T.: -0.015 min
Response: 411680
Conc: 3.06 ug/ml



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

R.T.: 17.957 min
Delta R.T.: -0.014 min
Response: 179918
Conc: 1.36 ug/ml



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

R.T.: 18.165 min
Delta R.T.: -0.018 min
Response: 463087
Conc: 3.41 ug/ml