

Data Path : P:\HPCHEM1\FID D\Data\FD031918AR\
 Data File : FD022580.D
 Signal(s) : FID2B.CH
 Acq On : 20 Mar 2018 2:40
 Operator : UA/AJ
 Sample : J1938-12
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 20 07:29:58 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 022018.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 21 04:46:02 2018
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	7.322	3591767	42.873 ug/ml
Spiked Amount 50.000		Recovery =	85.75%
6) S 2-Fluorobiphenyl (SURR)	8.180	2440344	48.269 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	96.54%
11) S ortho-Terphenyl (SURR)	11.206	3400647	35.834 ug/ml
Spiked Amount 50.000		Recovery =	71.67%
Target Compounds			
5) T Acenaphthylene (C15.06)	7.997	56472	0.590 ug/ml
9) T Phenanthrene (C19.36)	10.468	87168	0.936 ug/ml
12) T Fluoranthene (C21.85)	12.261	495065	4.936 ug/ml
13) T Pyrene (C20.8)	12.554	485034	4.774 ug/ml
14) T Benzo[a]anthracene (C...	14.477	410203	4.254 ug/ml
15) T Chrysene (C27.41)	14.477	410203	3.801 ug/ml
16) T benzo[b]fluoranthene ...	15.995	540195	5.373 ug/ml
17) T Bnezo[k]fluoranthene ...	16.031	271127	2.389 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.381	436380	4.152 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.770	260878	2.738 ug/ml
20) T Dibenz[a,h]anthracene...	17.803	83631	0.736 ug/ml
21) T Benzo[a,h,i]pervylene ...	18.021	169046	1.628 ug/ml

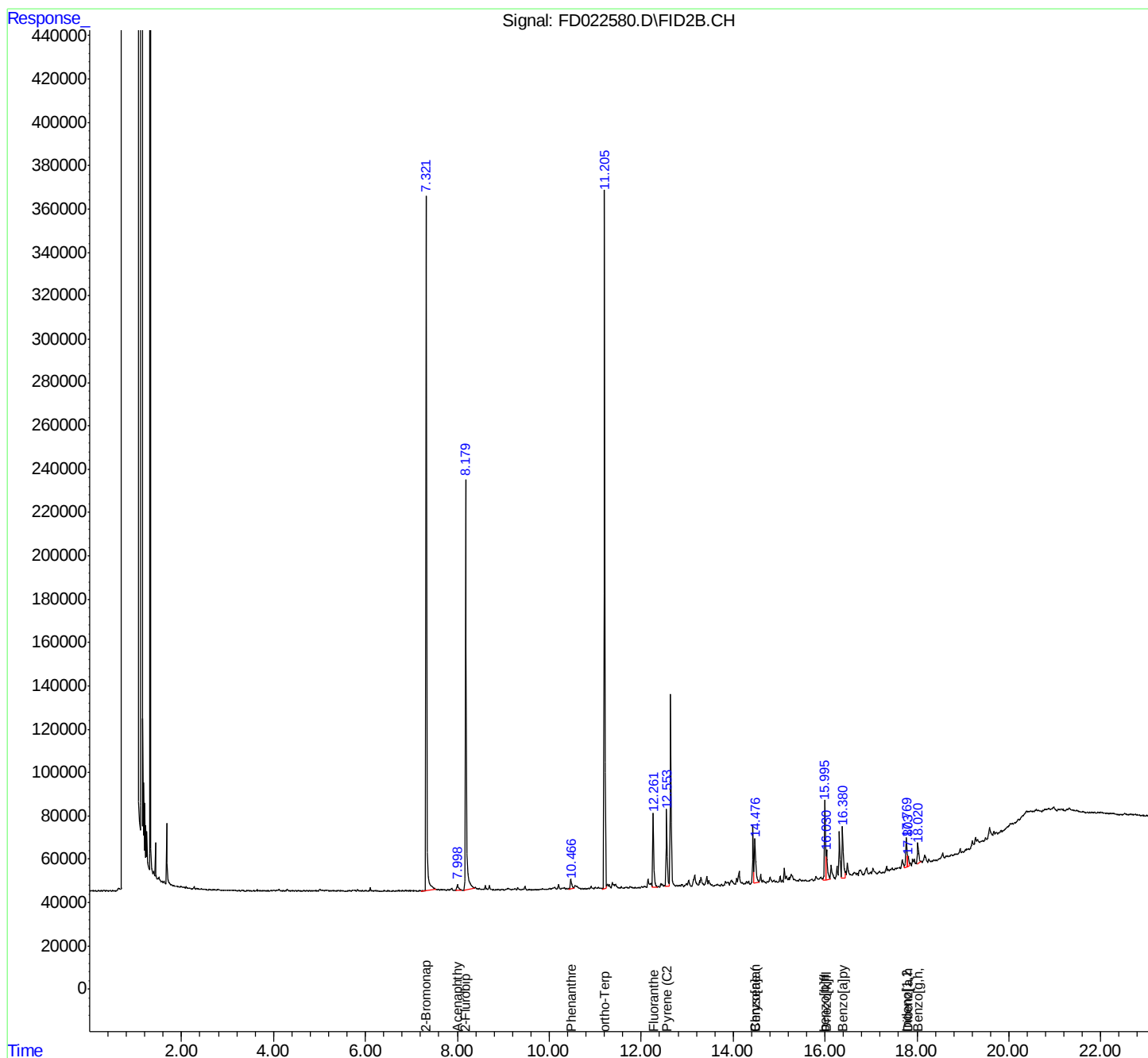
(f)=RT Delta > 1/2 Window

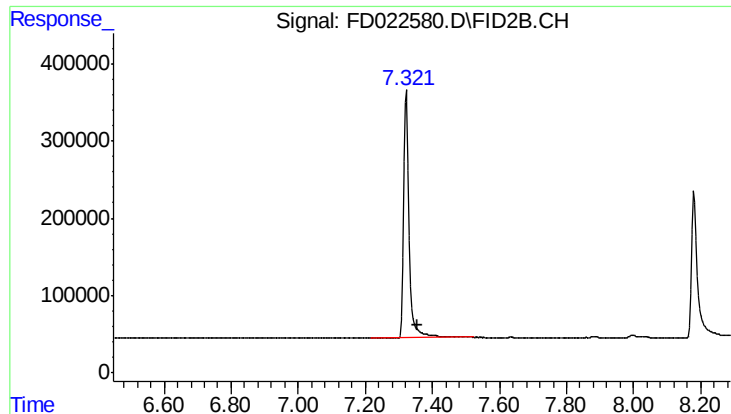
(m)=manual int.

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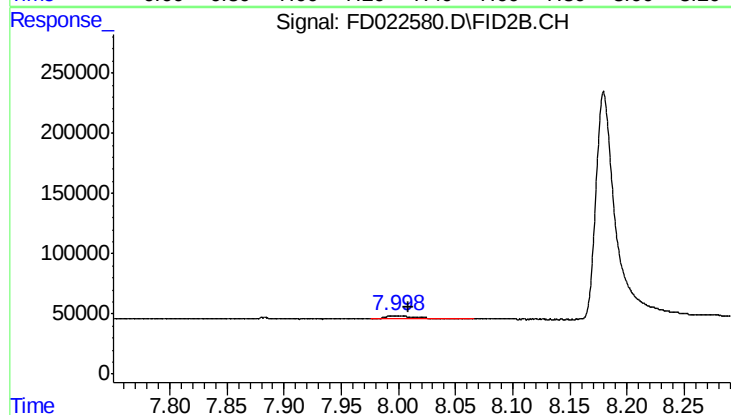
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





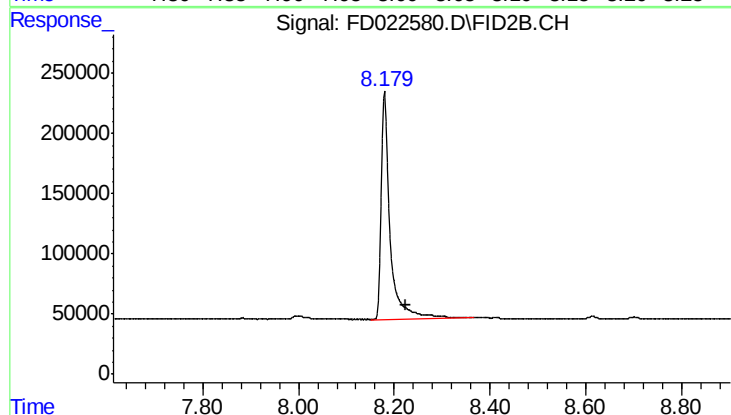
#4 2-Bromonaphthalene (SURR)

R.T.: 7.322 min
Delta R.T.: -0.034 min
Response: 3591767
Conc: 42.87 ug/ml



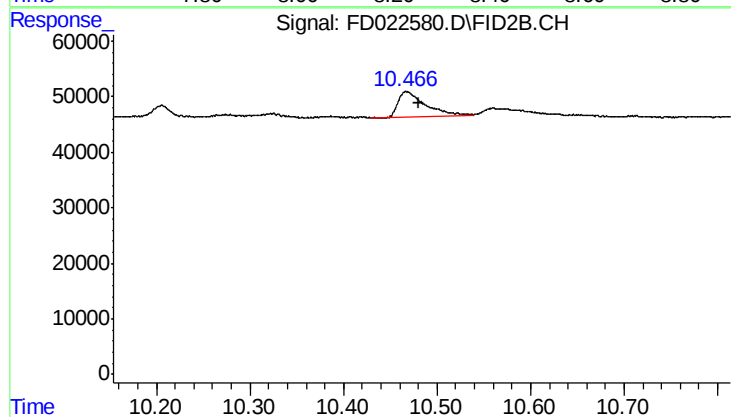
#5 Acenaphthylene (C15.06)

R.T.: 7.997 min
Delta R.T.: -0.011 min
Response: 56472
Conc: 0.59 ug/ml



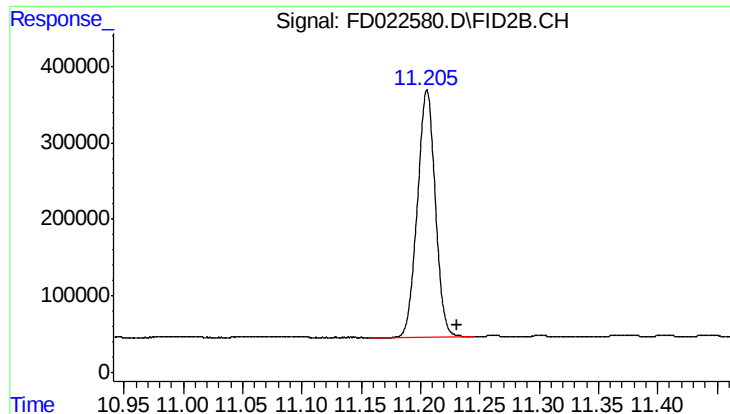
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.180 min
Delta R.T.: -0.045 min
Response: 2440344
Conc: 48.27 ug/ml



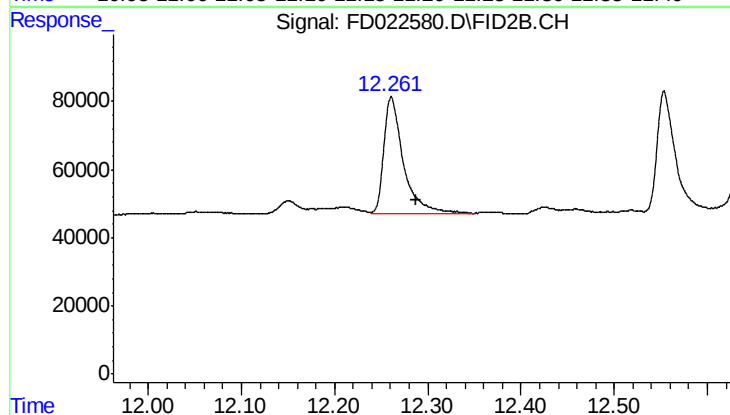
#9 Phenanthrene (C19.36)

R.T.: 10.468 min
Delta R.T.: -0.012 min
Response: 87168
Conc: 0.94 ug/ml



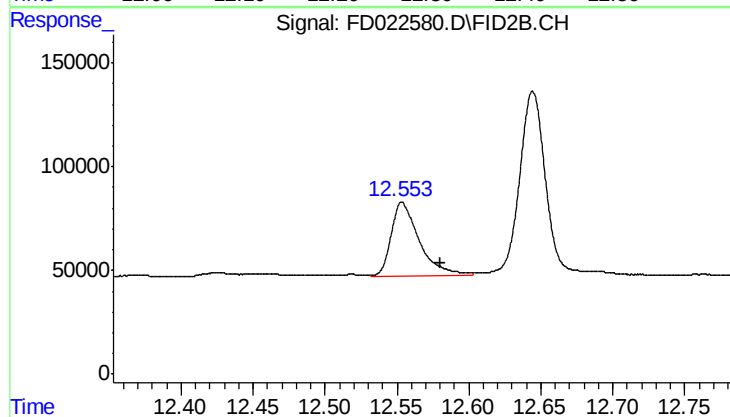
#11 ortho-Terphenyl (SURR)

R.T.: 11.206 min
Delta R.T.: -0.025 min
Response: 3400647
Conc: 35.83 ug/ml



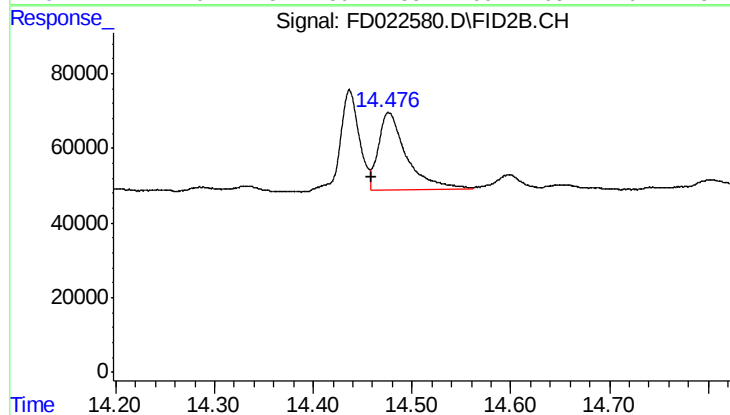
#12 Fluoranthene (C21.85)

R.T.: 12.261 min
Delta R.T.: -0.027 min
Response: 495065
Conc: 4.94 ug/ml



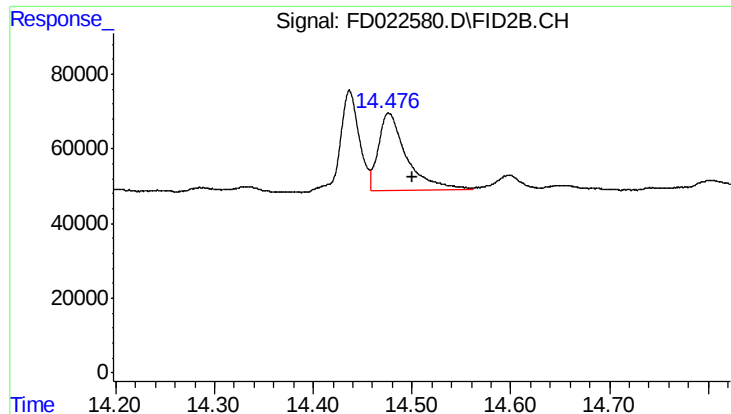
#13 Pyrene (C20.8)

R.T.: 12.554 min
Delta R.T.: -0.027 min
Response: 485034
Conc: 4.77 ug/ml



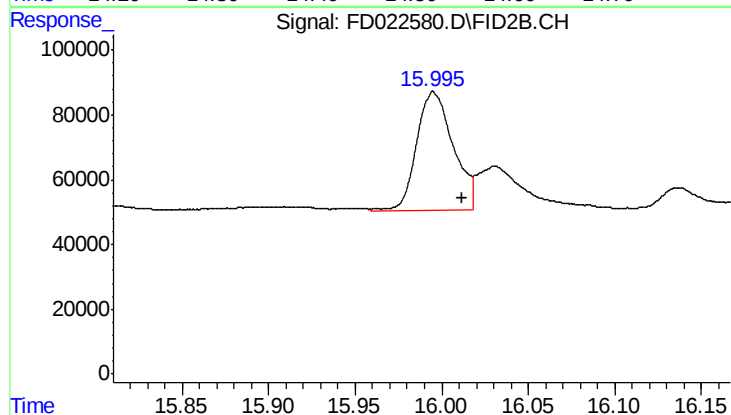
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.477 min
Delta R.T.: 0.017 min
Response: 410203
Conc: 4.25 ug/ml



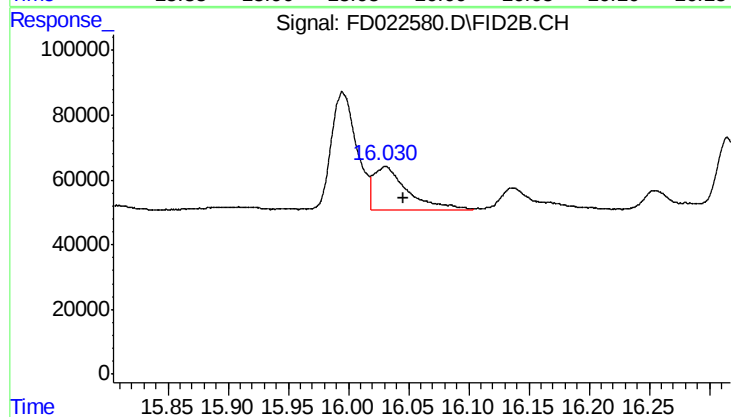
#15 Chrysene (C27.41)

R.T.: 14.477 min
Delta R.T.: -0.024 min
Response: 410203
Conc: 3.80 ug/ml



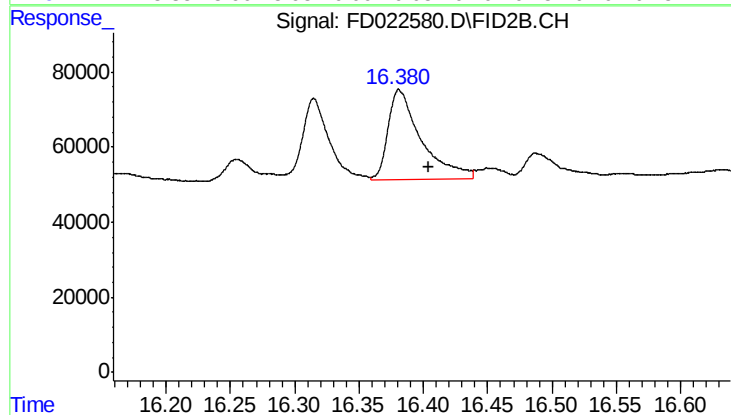
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.995 min
Delta R.T.: -0.017 min
Response: 540195
Conc: 5.37 ug/ml



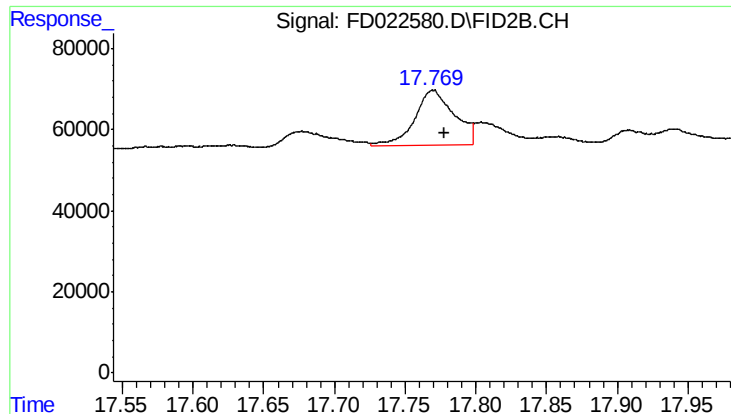
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.031 min
Delta R.T.: -0.015 min
Response: 271127
Conc: 2.39 ug/ml



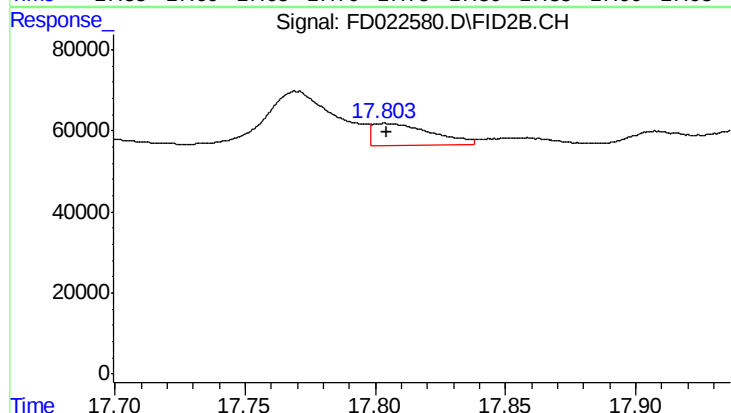
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.381 min
Delta R.T.: -0.023 min
Response: 436380
Conc: 4.15 ug/ml



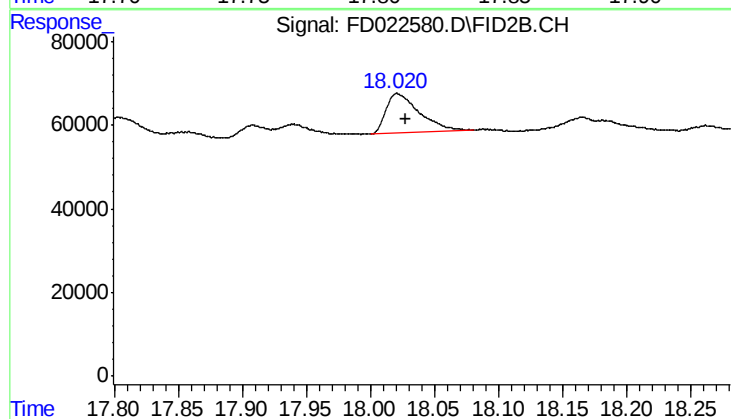
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.770 min
Delta R.T.: -0.008 min
Response: 260878
Conc: 2.74 ug/ml



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

R.T.: 17.803 min
Delta R.T.: -0.001 min
Response: 83631
Conc: 0.74 ug/ml



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

R.T.: 18.021 min
Delta R.T.: -0.007 min
Response: 169046
Conc: 1.63 ug/ml