

Data Path : P:\HPCHEM1\FID D\Data\FD031918AR\
 Data File : FD022579.D
 Signal(s) : FID2B.CH
 Acq On : 20 Mar 2018 2:04
 Operator : UA/AJ
 Sample : J1938-09
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 20 07:29:42 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	3504803	41.835 ug/ml
Spiked Amount 50.000		Recovery =	83.67%
6) S 2-Fluorobiphenyl (SURR)	8.180	2374437	46.965 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	93.93%
11) S ortho-Terphenyl (SURR)	11.205	3322784	35.013 ug/ml
Spiked Amount 50.000		Recovery =	70.03%
Target Compounds			
5) T Acenaphthylene (C15.06)	7.996	60879	0.636 ug/ml
9) T Phenanthrene (C19.36)	10.467	87712	0.941 ug/ml
12) T Fluoranthene (C21.85)	12.261	494049	4.925 ug/ml
13) T Pyrene (C20.8)	12.554	471025	4.636 ug/ml
14) T Benzo[a]anthracene (C...	14.478	405138	4.201 ug/ml
15) T Chrysene (C27.41)	14.478	405138	3.754 ug/ml
16) T benzo[b]fluoranthene ...	16.029	246681	2.454 ug/ml
17) T Bnezo[k]fluoranthene ...	16.029	246681	2.174 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.381	400297	3.809 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.770	254403	2.670 ug/ml
20) T Dibenz[a,h]anthracene...	17.805	83730	0.737 ug/ml
21) T Benzo[a,h,i]perylene ...	18.022	174380	1.679 ug/ml

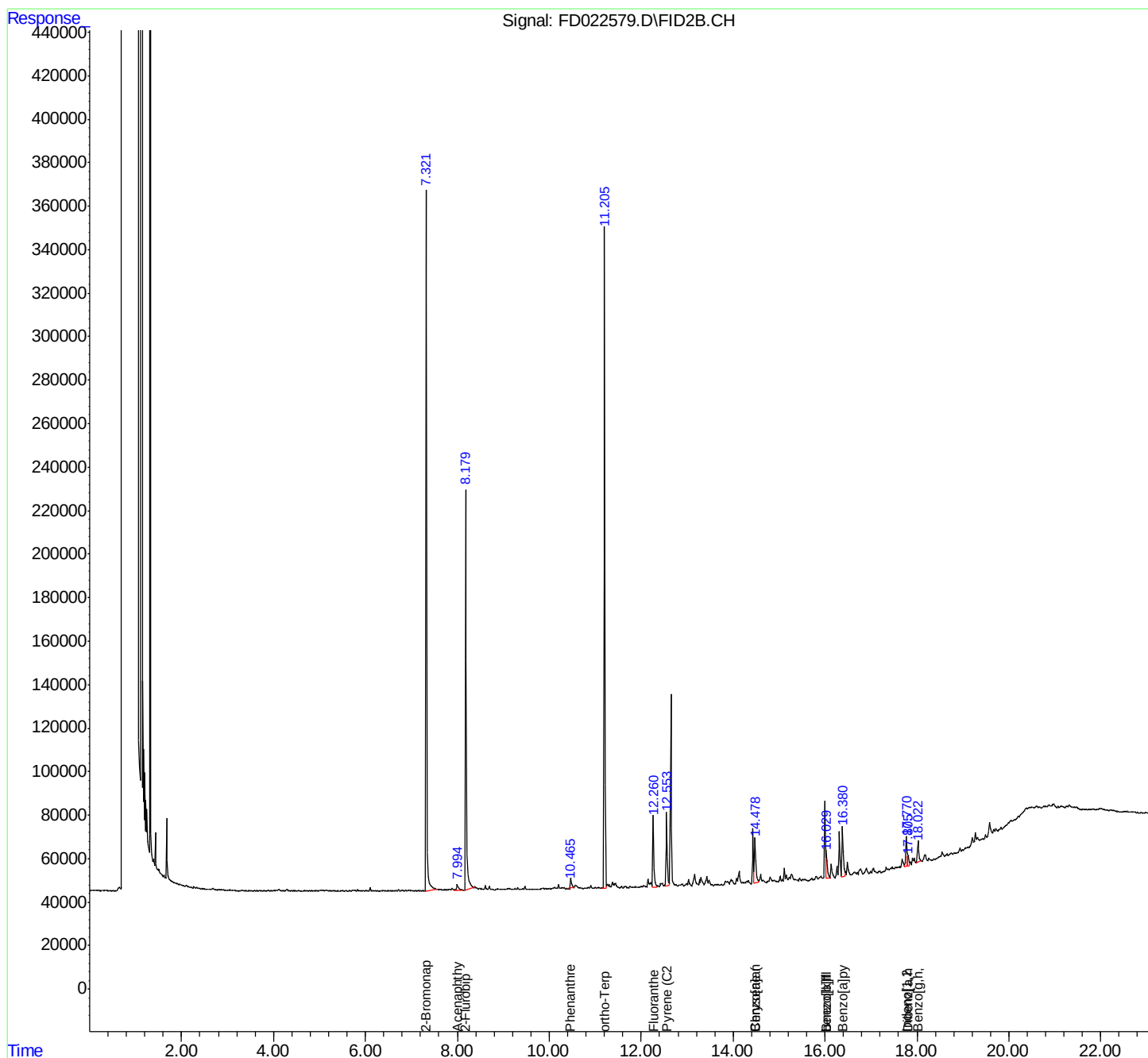
(f)=RT Delta > 1/2 Window

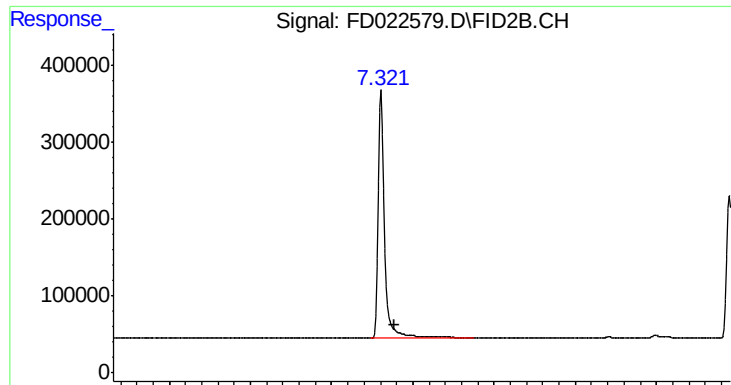
(m)=manual int.

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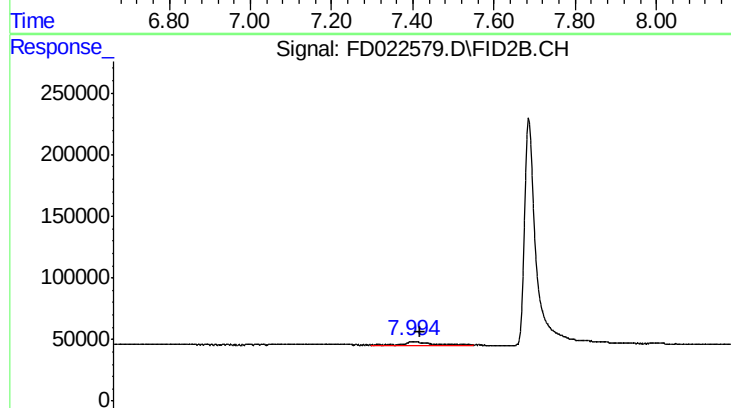
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





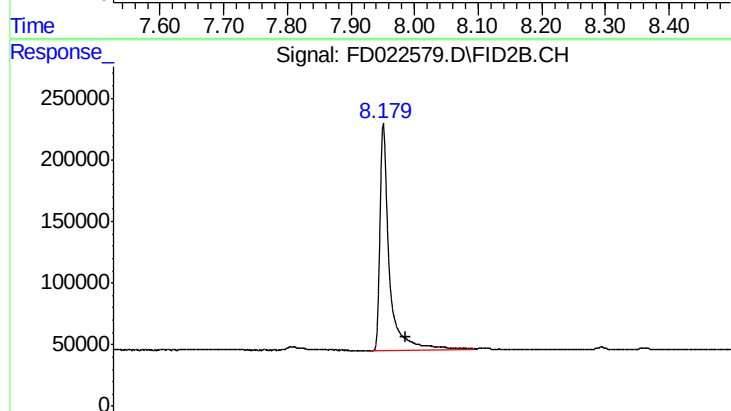
#4 2-Bromonaphthalene (SURR)

R.T.: 7.322 min
Delta R.T.: -0.034 min
Response: 3504803
Conc: 41.83 ug/ml



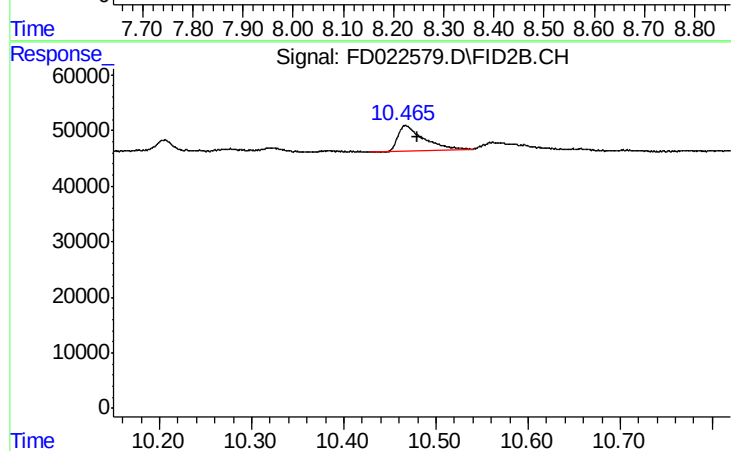
#5 Acenaphthylene (C15.06)

R.T.: 7.996 min
Delta R.T.: -0.012 min
Response: 60879
Conc: 0.64 ug/ml



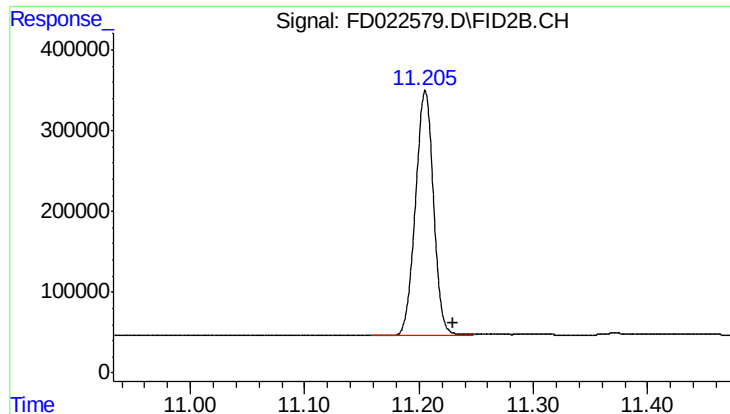
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.180 min
Delta R.T.: -0.045 min
Response: 2374437
Conc: 46.97 ug/ml



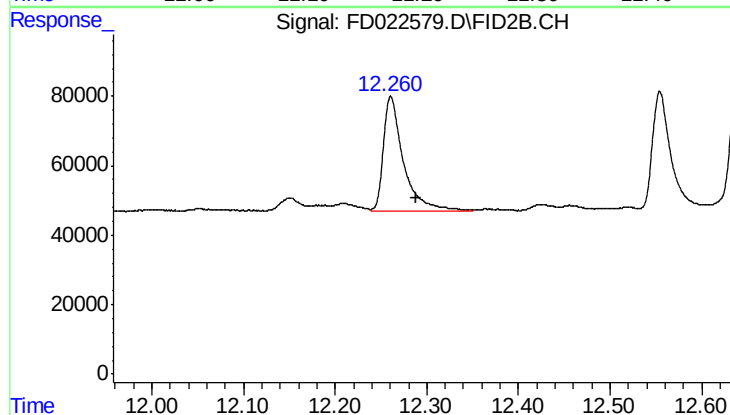
#9 Phenanthrene (C19.36)

R.T.: 10.467 min
Delta R.T.: -0.013 min
Response: 87712
Conc: 0.94 ug/ml



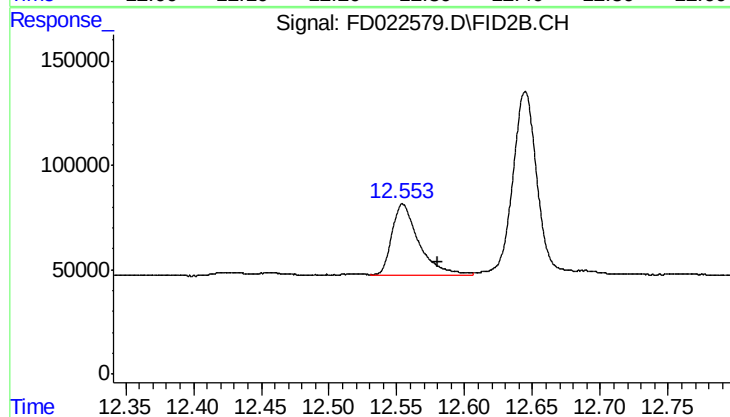
#11 ortho-Terphenyl (SURR)

R.T.: 11.205 min
Delta R.T.: -0.025 min
Response: 3322784
Conc: 35.01 ug/ml



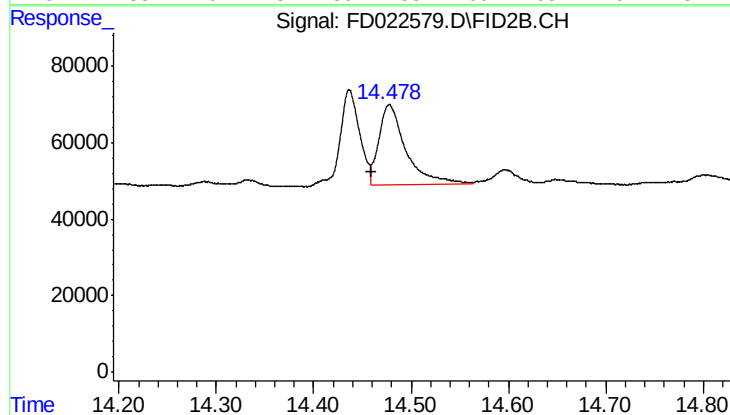
#12 Fluoranthene (C21.85)

R.T.: 12.261 min
Delta R.T.: -0.027 min
Response: 494049
Conc: 4.93 ug/ml



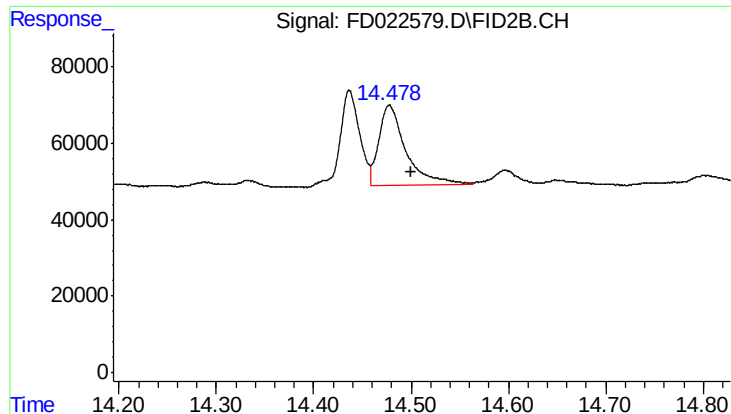
#13 Pyrene (C20.8)

R.T.: 12.554 min
Delta R.T.: -0.026 min
Response: 471025
Conc: 4.64 ug/ml



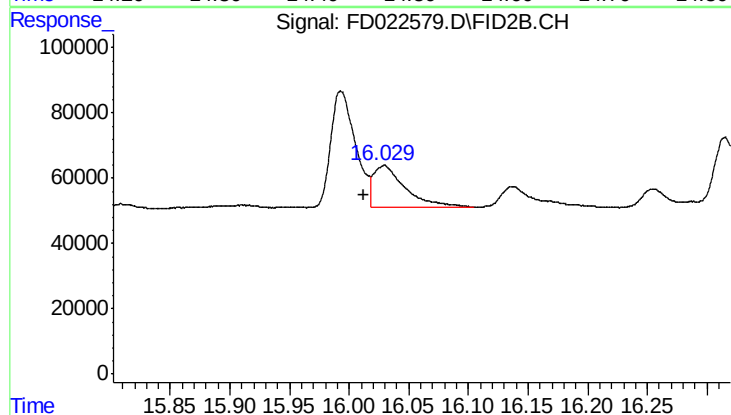
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.478 min
Delta R.T.: 0.018 min
Response: 405138
Conc: 4.20 ug/ml



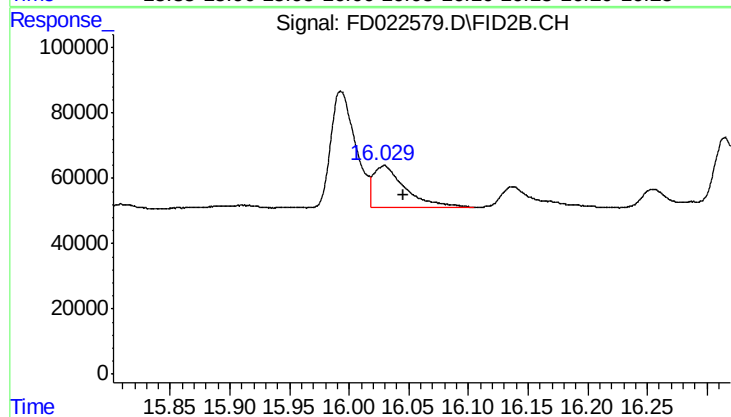
#15 Chrysene (C27.41)

R.T.: 14.478 min
Delta R.T.: -0.023 min
Response: 405138
Conc: 3.75 ug/ml



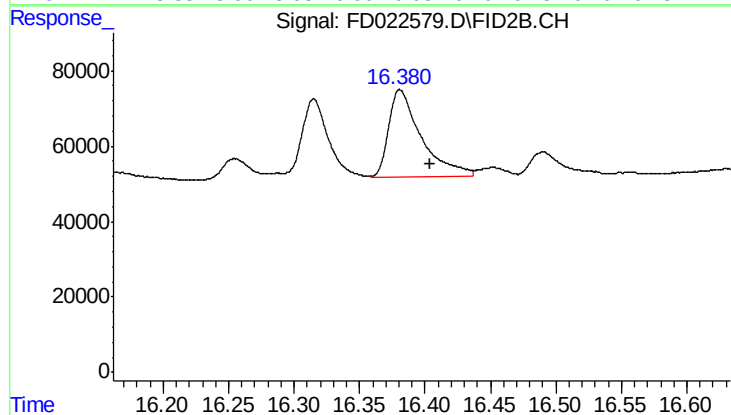
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.029 min
Delta R.T.: 0.017 min
Response: 246681
Conc: 2.45 ug/ml



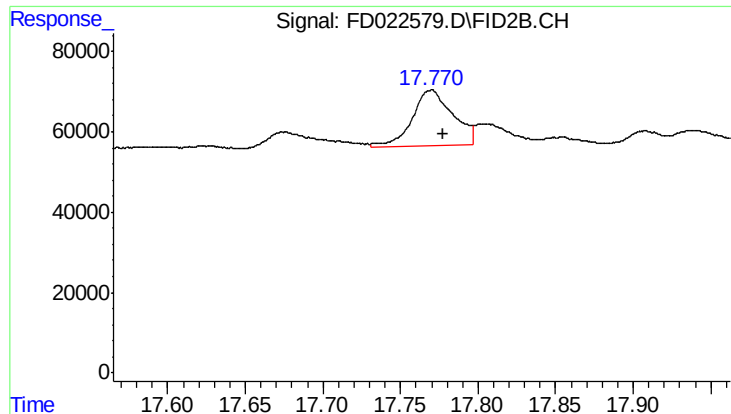
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.029 min
Delta R.T.: -0.016 min
Response: 246681
Conc: 2.17 ug/ml



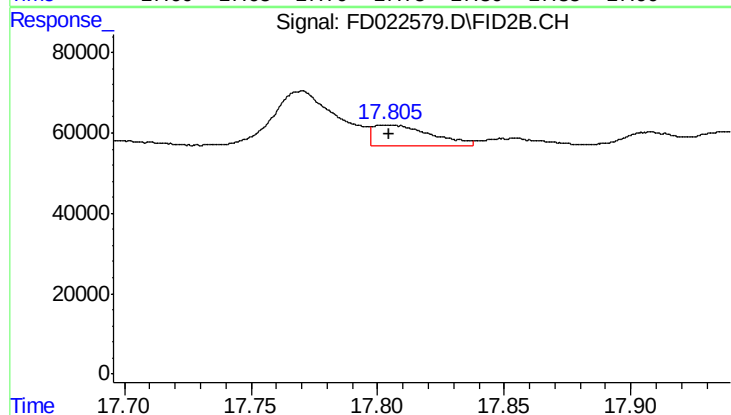
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.381 min
Delta R.T.: -0.024 min
Response: 400297
Conc: 3.81 ug/ml



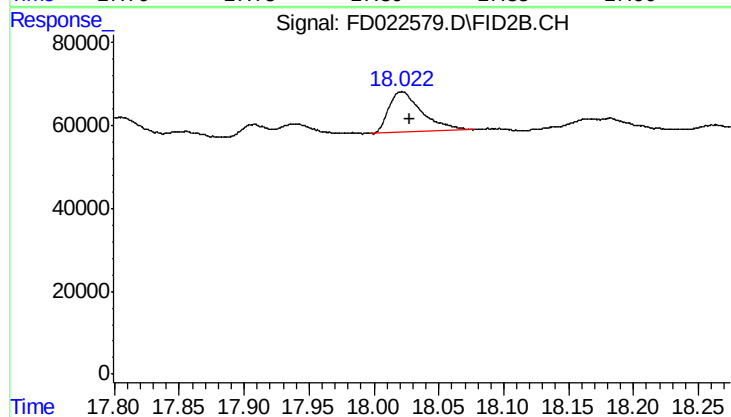
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.770 min
Delta R.T.: -0.007 min
Response: 254403
Conc: 2.67 ug/ml



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

R.T.: 17.805 min
Delta R.T.: 0.000 min
Response: 83730
Conc: 0.74 ug/ml



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

R.T.: 18.022 min
Delta R.T.: -0.006 min
Response: 174380
Conc: 1.68 ug/ml