

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121319AR\
 Data File : FD031797.D
 Signal(s) : FID2B.CH
 Acq On : 13 Dec 2019 11:17
 Operator : DD\AJ
 Sample : K6145-01
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 13 13:04:15 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 120519.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 06 03:00:09 2019
 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...	7.644	5386399	43.547 ug/ml
Spiked Amount 50.000		Recovery =	87.09%
6) S 2-Fluorobiphenyl (SURR)	8.505	3538502	41.485 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	82.97%
11) S ortho-Terphenyl (SURR)	11.541	3410783	25.780 ug/ml
Spiked Amount 50.000		Recovery =	51.56%
Target Compounds			
2) T Naphthalene (C11.7)	5.984	61875	0.459 ug/ml
3) T 2-Methylnaphthalene (...)	7.033	84221	0.626 ug/ml
5) T Acenaphthylene (C15.06)	8.303	48175	0.370 ug/ml
7) T Acenaphthene (C15.5)	8.601	329494	2.438 ug/ml
8) T Fluorene (C16.55)	9.379	493893	3.672 ug/ml
9) T Phenanthrene (C19.36)	10.775	3000281	22.244 ug/ml
10) T Anthracene (C19.43)	10.846	797976	5.982 ug/ml
12) T Fluoranthene (C21.85)	12.583	2914690	21.542 ug/ml
13) T Pyrene (C20.8)	12.879	2035250	15.185 ug/ml
14) T Benzo[a]anthracene (C...	14.784	991007	7.779 ug/ml
15) T Chrysene (C27.41)	14.829	41390	0.324 ug/ml
16) T benzo[b]fluoranthene ...	16.318	384877	3.124 ug/ml
17) T Bnezo[k]fluoranthene ...	16.389	454420	3.738 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.737	26210	0.219 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.071	145816	1.268 ug/ml
20) T Dibenz[a,h]anthracene...	18.110	64922	0.575 ug/ml
21) T Benzo[g,h,i]perylene ...	18.362	25090	0.221 ug/ml

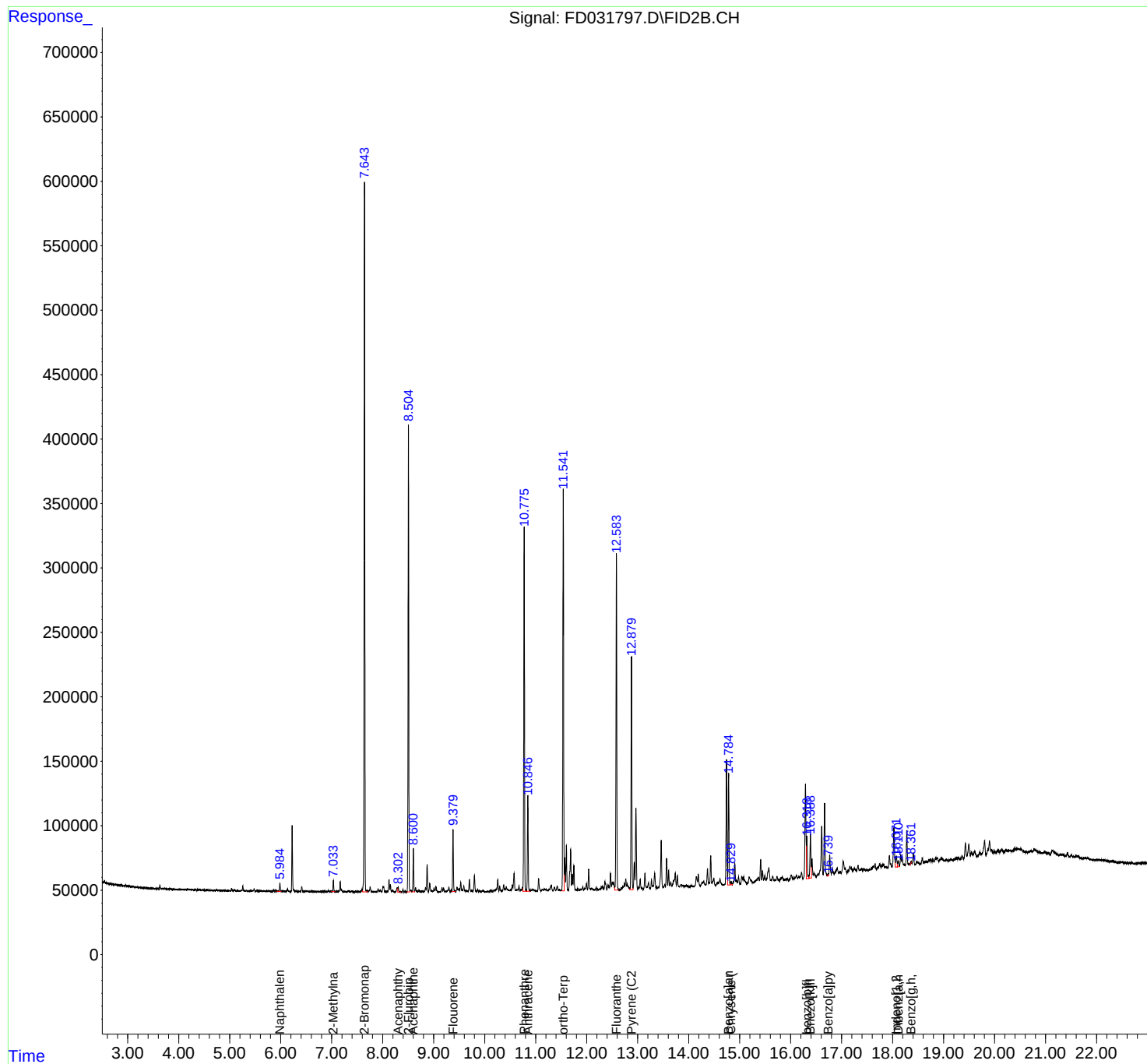
(f)=RT Delta > 1/2 Window

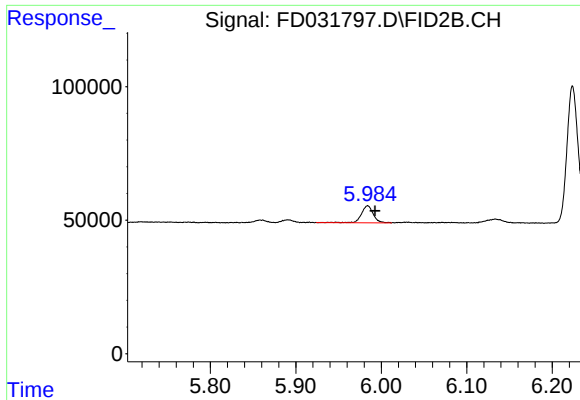
(m)=manual int.

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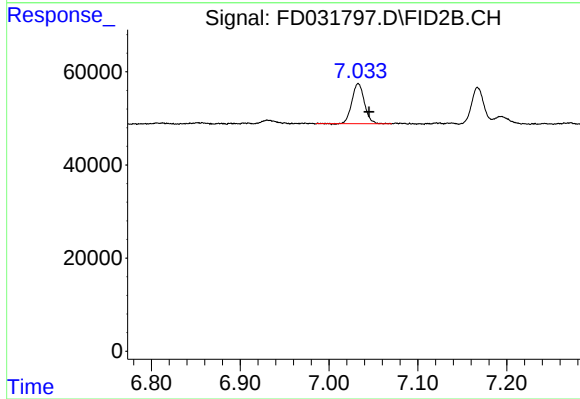
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





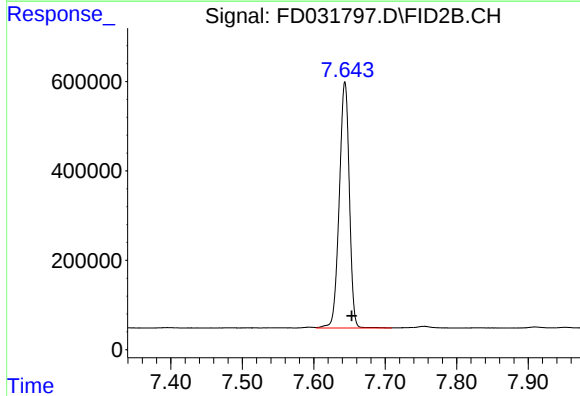
#2 Naphthalene (C11.7)

R.T.: 5.984 min
Delta R.T.: -0.008 min
Response: 61875
Conc: 0.46 ug/ml



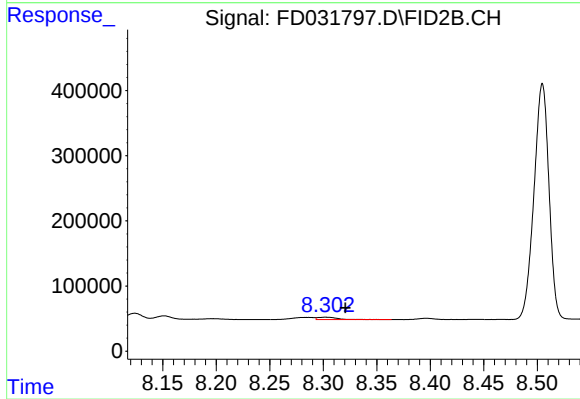
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.033 min
Delta R.T.: -0.012 min
Response: 84221
Conc: 0.63 ug/ml



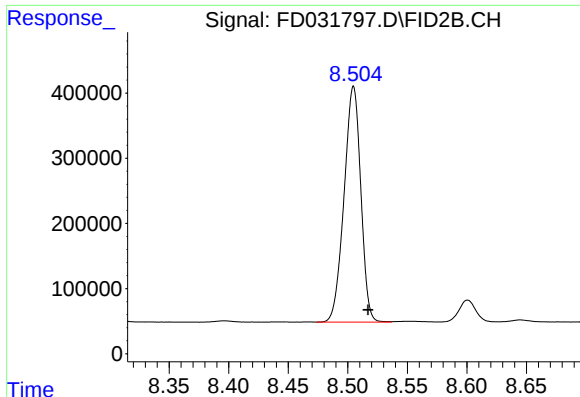
#4 2-Bromonaphthalene (SURR)

R.T.: 7.644 min
Delta R.T.: -0.009 min
Response: 5386399
Conc: 43.55 ug/ml



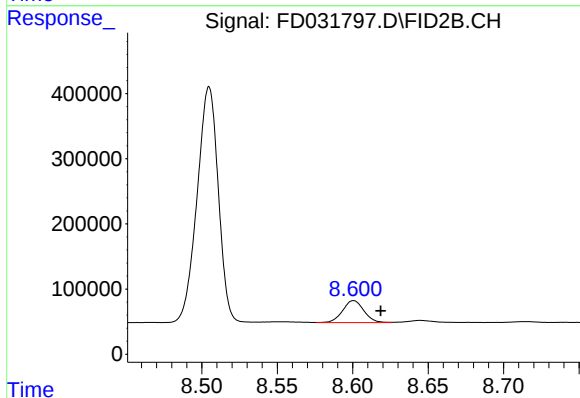
#5 Acenaphthylene (C15.06)

R.T.: 8.303 min
Delta R.T.: -0.018 min
Response: 48175
Conc: 0.37 ug/ml



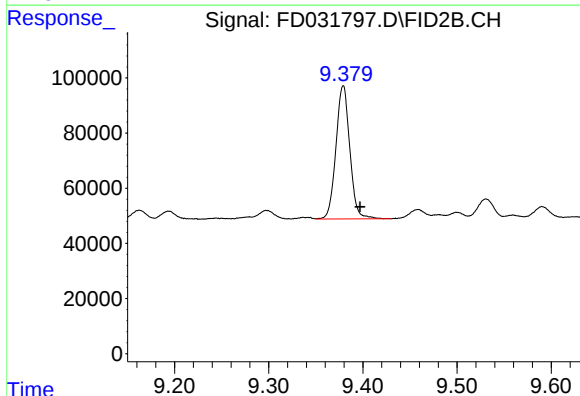
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.505 min
Delta R.T.: -0.012 min
Response: 3538502
Conc: 41.48 ug/ml



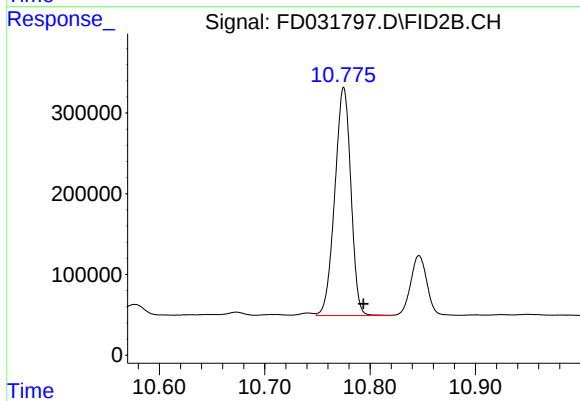
#7 Acenaphthene (C15.5)

R.T.: 8.601 min
Delta R.T.: -0.018 min
Response: 329494
Conc: 2.44 ug/ml



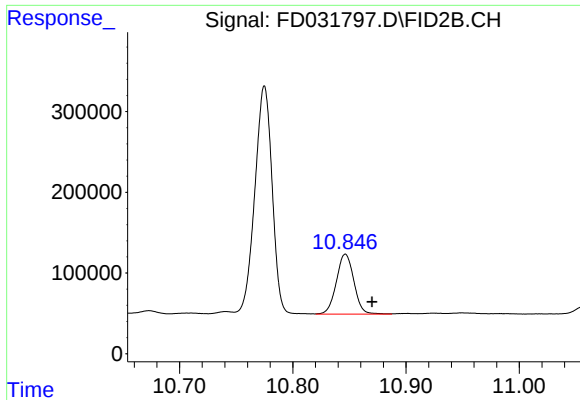
#8 Flouorene (C16.55)

R.T.: 9.379 min
Delta R.T.: -0.018 min
Response: 493893
Conc: 3.67 ug/ml



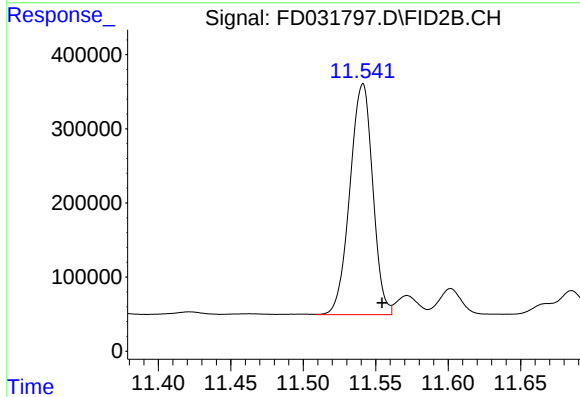
#9 Phenanthrene (C19.36)

R.T.: 10.775 min
Delta R.T.: -0.019 min
Response: 3000281
Conc: 22.24 ug/ml



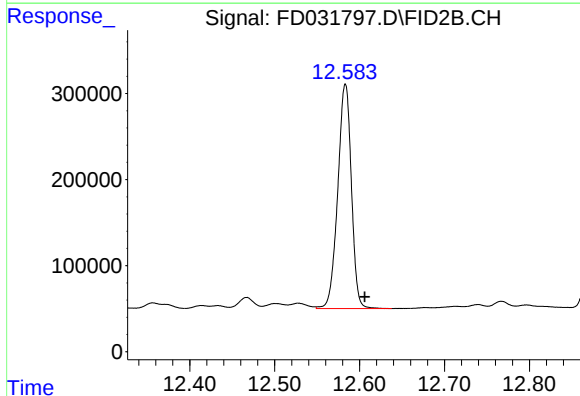
#10 Anthracene (C19.43)

R.T.: 10.846 min
Delta R.T.: -0.023 min
Response: 797976
Conc: 5.98 ug/ml



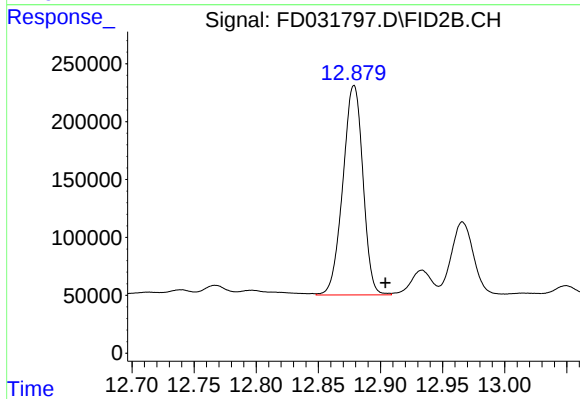
#11 ortho-Terphenyl (SURR)

R.T.: 11.541 min
Delta R.T.: -0.013 min
Response: 3410783
Conc: 25.78 ug/ml



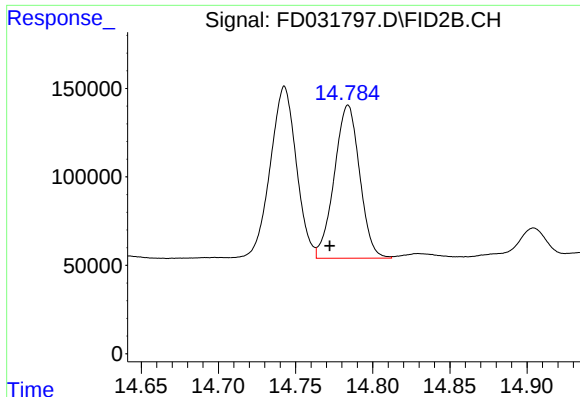
#12 Fluoranthene (C21.85)

R.T.: 12.583 min
Delta R.T.: -0.023 min
Response: 2914690
Conc: 21.54 ug/ml



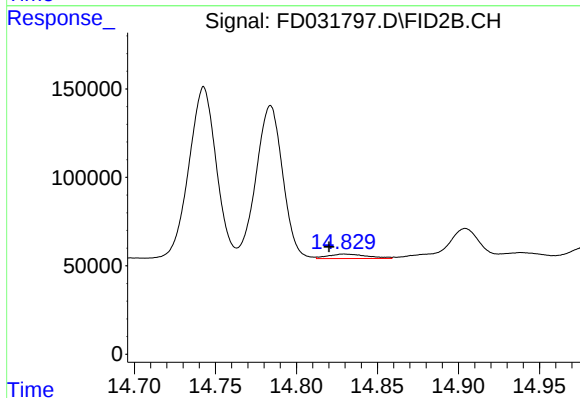
#13 Pyrene (C20.8)

R.T.: 12.879 min
Delta R.T.: -0.025 min
Response: 2035250
Conc: 15.18 ug/ml



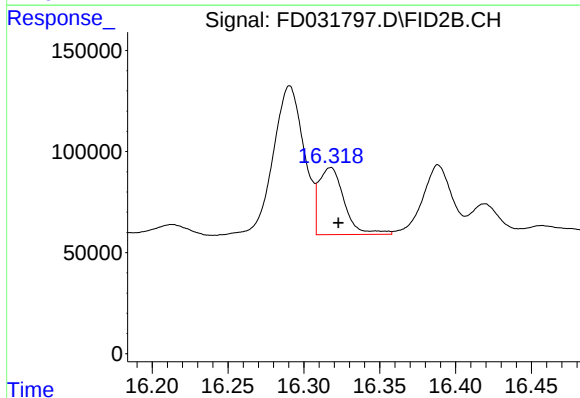
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.784 min
Delta R.T.: 0.012 min
Response: 991007
Conc: 7.78 ug/ml



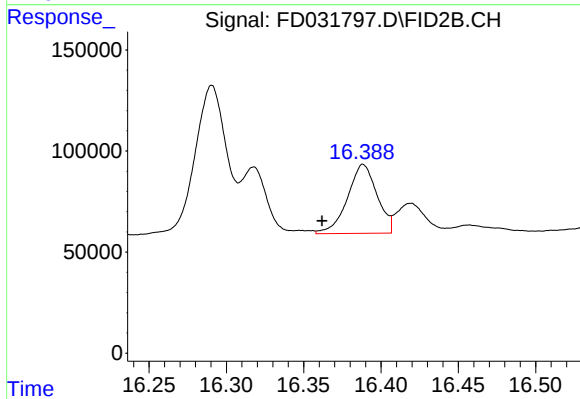
#15 Chrysene (C27.41)

R.T.: 14.829 min
Delta R.T.: 0.009 min
Response: 41390
Conc: 0.32 ug/ml



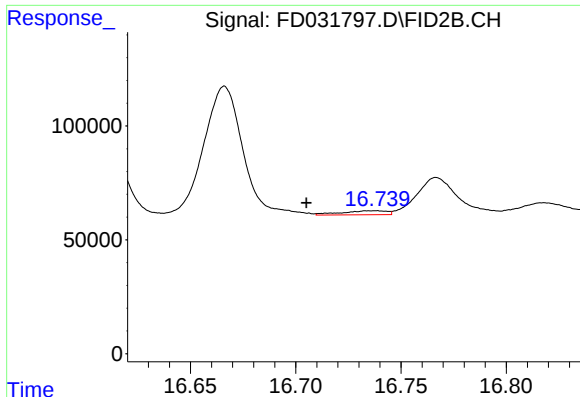
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.318 min
Delta R.T.: -0.005 min
Response: 384877
Conc: 3.12 ug/ml



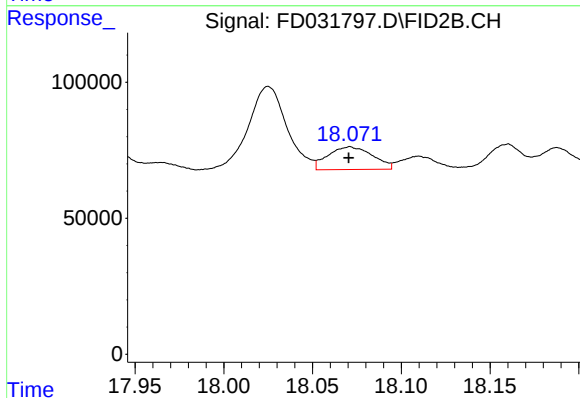
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.389 min
Delta R.T.: 0.027 min
Response: 454420
Conc: 3.74 ug/ml



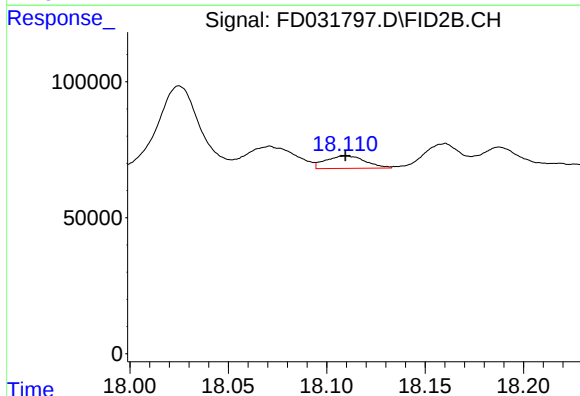
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.737 min
Delta R.T.: 0.032 min
Response: 26210
Conc: 0.22 ug/ml



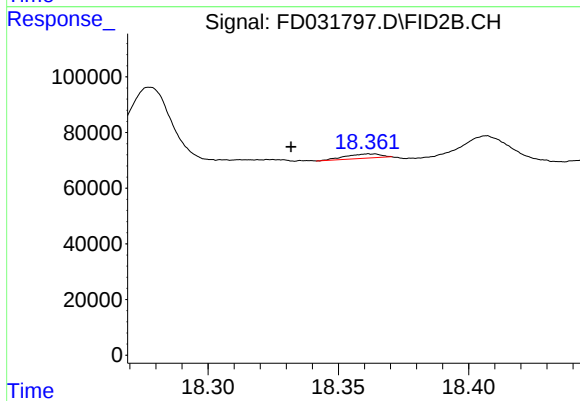
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.071 min
Delta R.T.: 0.000 min
Response: 145816
Conc: 1.27 ug/ml



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

R.T.: 18.110 min
Delta R.T.: 0.000 min
Response: 64922
Conc: 0.58 ug/ml



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

R.T.: 18.362 min
Delta R.T.: 0.031 min
Response: 25090
Conc: 0.22 ug/ml