

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080422AR\
 Data File : FD043497.D
 Signal(s) : FID2B.ch
 Acq On : 04 Aug 2022 15:42
 Operator : YP/AJ
 Sample : N3980-07
 Misc : 4 PPM WATER LOD
 ALS Vial : 59 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 05 15:40:28 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 25 17:39:38 2022
 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...	7.616	5813476	41.099 ug/ml
Spiked Amount 50.000		Recovery =	82.20%
6) S 2-Fluorobiphenyl (SURR)	8.480	3709141	39.016 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	78.03%
11) S ortho-Terphenyl (SURR)	11.527	5707539	33.675 ug/ml
Spiked Amount 50.000		Recovery =	67.35%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.406	414074	2.640 ug/ml
2) T Naphthalene (C11.7)	5.949	462307	2.859 ug/ml
3) T 2-Methylnaphthalene (...)	7.002	458080	3.128 ug/ml
5) T Acenaphthylene (C15.06)	8.279	459952	2.833 ug/ml
7) T Acenaphthene (C15.5)	8.576	515606	3.189 ug/ml
8) T Flouorene (C16.55)	9.359	477468	3.047 ug/ml
9) T Phenanthrene (C19.36)	10.756	451834	2.883 ug/ml
10) T Anthracene (C19.43)	10.831	424945	2.759 ug/ml
12) T Fluoranthene (C21.85)	12.568	470148	2.968 ug/ml
13) T Pyrene (C20.8)	12.865	460950	2.933 ug/ml
14) T Benzo[a]anthracene (C...	14.739	421812	2.859 ug/ml
15) T Chrysene (C27.41)	14.780	546606	3.498 ug/ml
16) T benzo[b]fluoranthene ...	16.288	414888	2.774 ug/ml
17) T Bnezo[k]fluoranthene ...	16.319	458989	3.059 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.669	395357	2.797 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.032	381115	3.225 ug/ml
20) T Dibenz[a,h]anthracene...	18.073	511787	3.608 ug/ml
21) T Benzo[g,h,i]perylene ...	18.283	457022	3.514 ug/ml

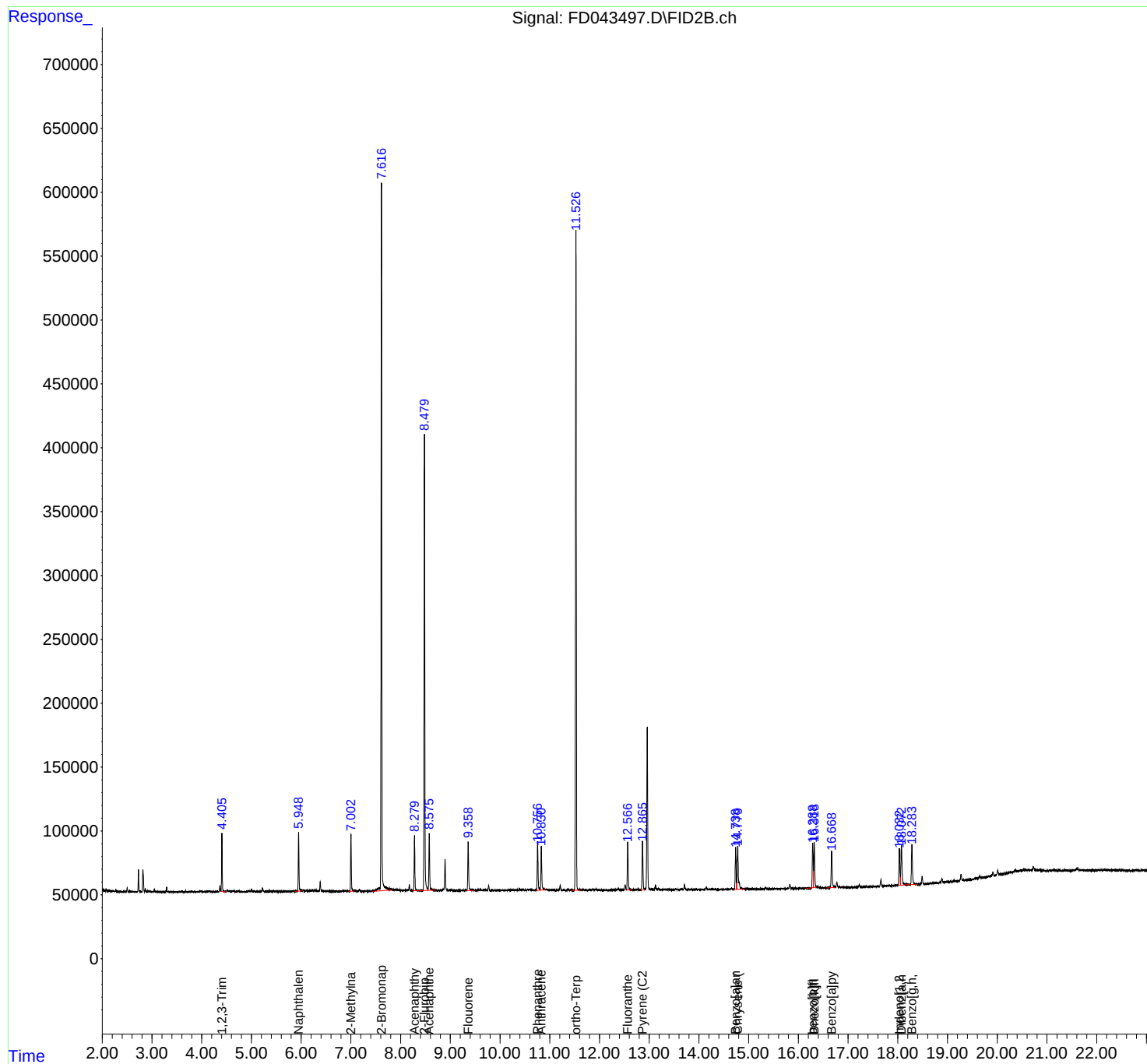
(f)=RT Delta > 1/2 Window

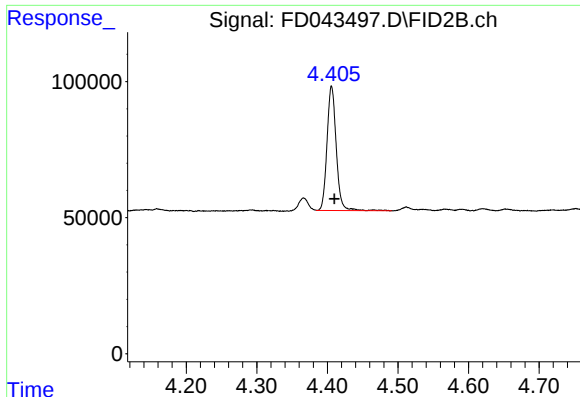
(m)=manual int.

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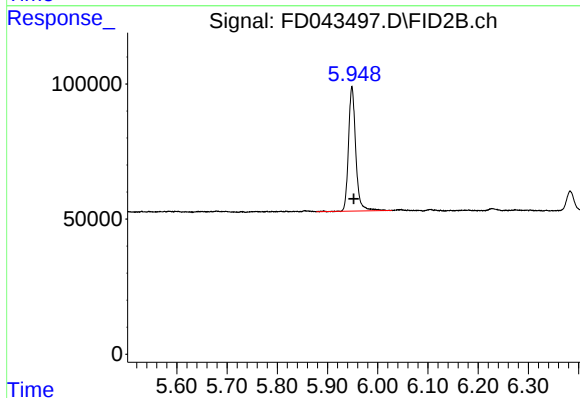
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Signal Info : 20M x 0.18mm x 0.18µm





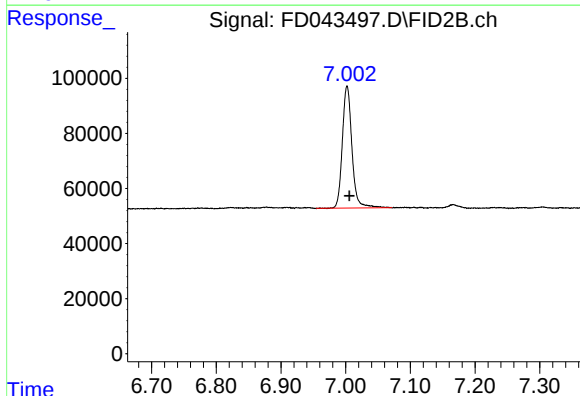
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.406 min
Delta R.T.: -0.004 min
Response: 414074
Conc: 2.64 ug/ml



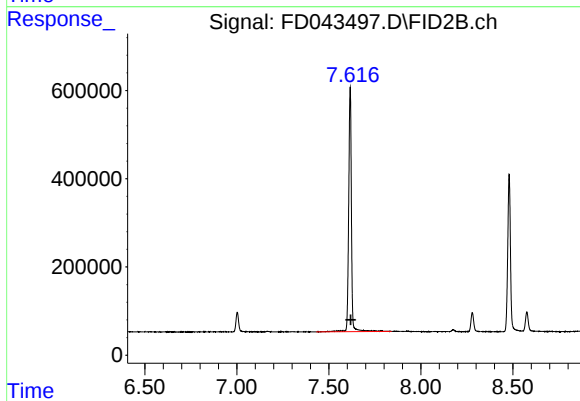
#2 Naphthalene (C11.7)

R.T.: 5.949 min
Delta R.T.: -0.003 min
Response: 462307
Conc: 2.86 ug/ml



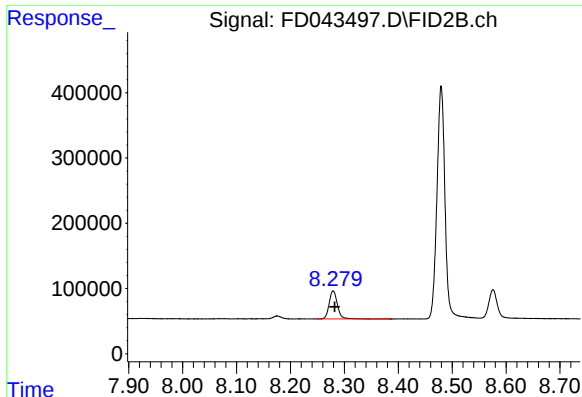
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.002 min
Delta R.T.: -0.004 min
Response: 458080
Conc: 3.13 ug/ml



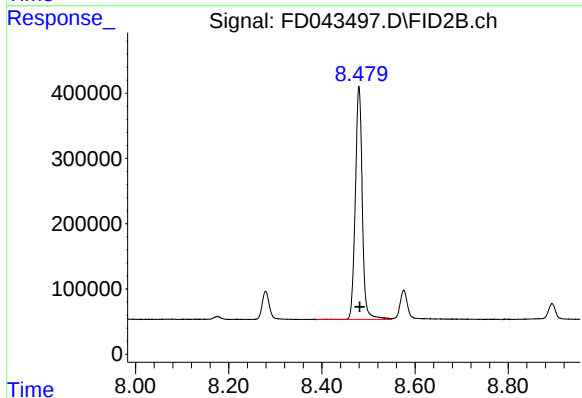
#4 2-Bromonaphthalene (SURR)

R.T.: 7.616 min
Delta R.T.: -0.003 min
Response: 5813476
Conc: 41.10 ug/ml



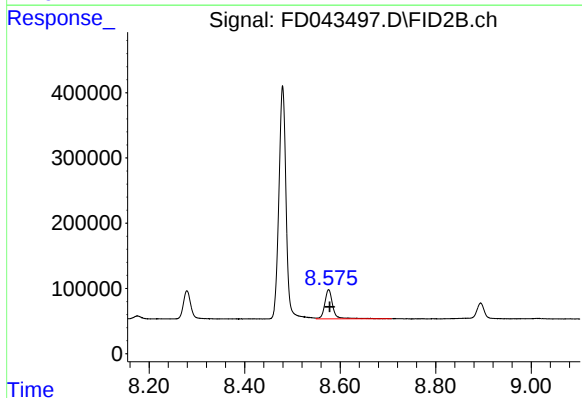
#5 Acenaphthylene (C15.06)

R.T.: 8.279 min
Delta R.T.: -0.003 min
Response: 459952
Conc: 2.83 ug/ml



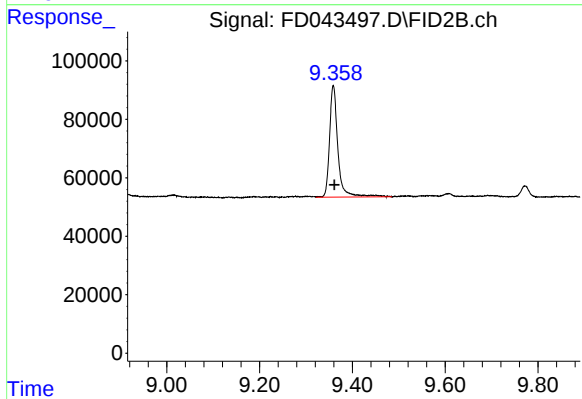
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.480 min
Delta R.T.: -0.002 min
Response: 3709141
Conc: 39.02 ug/ml



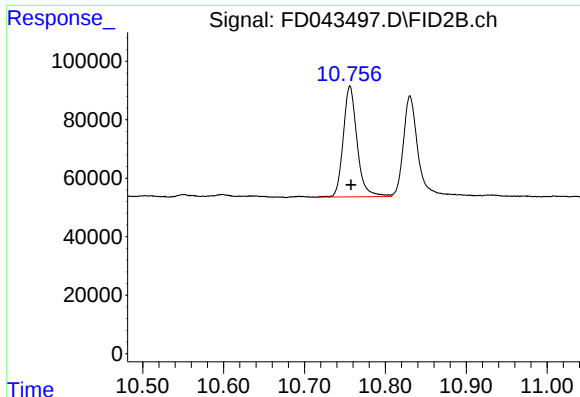
#7 Acenaphthene (C15.5)

R.T.: 8.576 min
Delta R.T.: -0.002 min
Response: 515606
Conc: 3.19 ug/ml



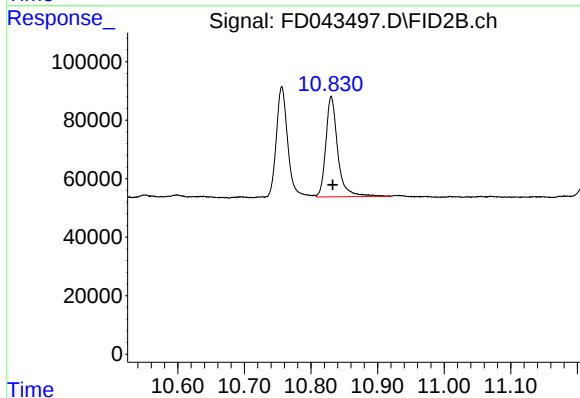
#8 Flouorene (C16.55)

R.T.: 9.359 min
Delta R.T.: -0.002 min
Response: 477468
Conc: 3.05 ug/ml



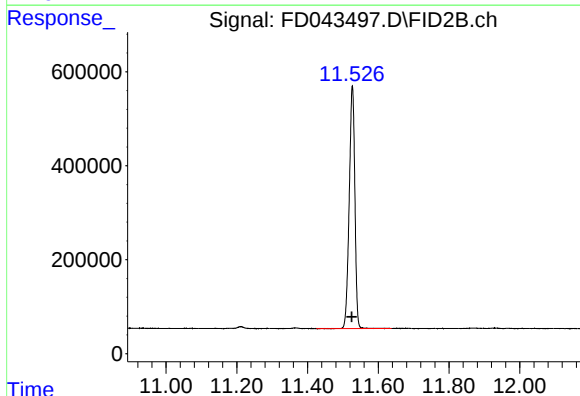
#9 Phenanthrene (C19.36)

R.T.: 10.756 min
Delta R.T.: -0.001 min
Response: 451834
Conc: 2.88 ug/ml



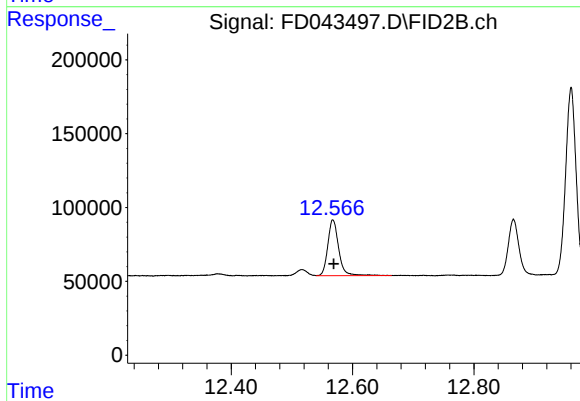
#10 Anthracene (C19.43)

R.T.: 10.831 min
Delta R.T.: -0.002 min
Response: 424945
Conc: 2.76 ug/ml



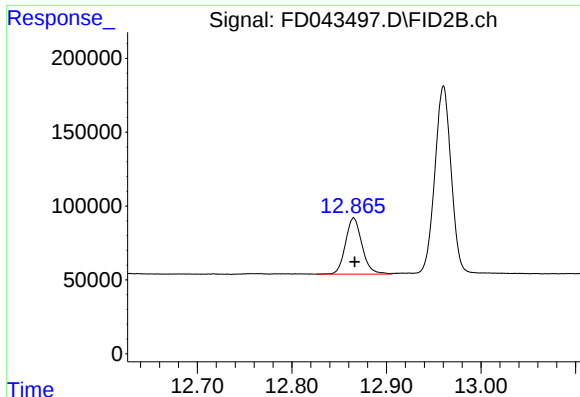
#11 ortho-Terphenyl (SURR)

R.T.: 11.527 min
Delta R.T.: 0.002 min
Response: 5707539
Conc: 33.67 ug/ml



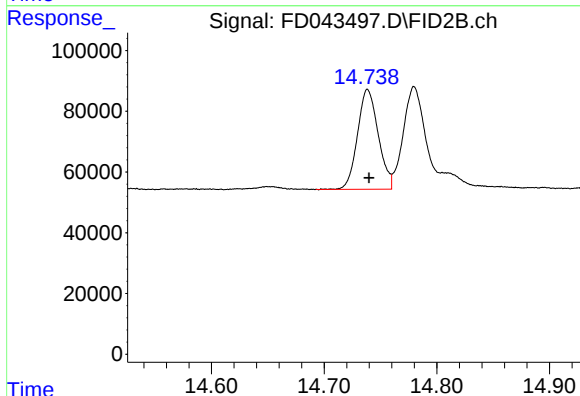
#12 Fluoranthene (C21.85)

R.T.: 12.568 min
Delta R.T.: -0.001 min
Response: 470148
Conc: 2.97 ug/ml



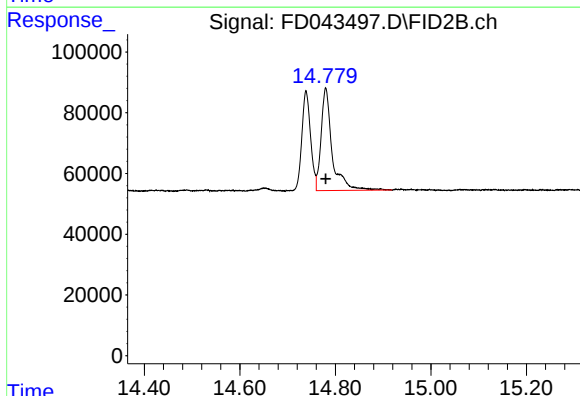
#13 Pyrene (C20.8)

R.T.: 12.865 min
Delta R.T.: -0.001 min
Response: 460950
Conc: 2.93 ug/ml



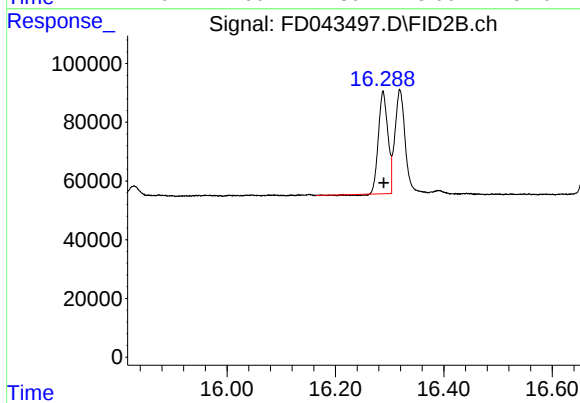
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.739 min
Delta R.T.: 0.000 min
Response: 421812
Conc: 2.86 ug/ml



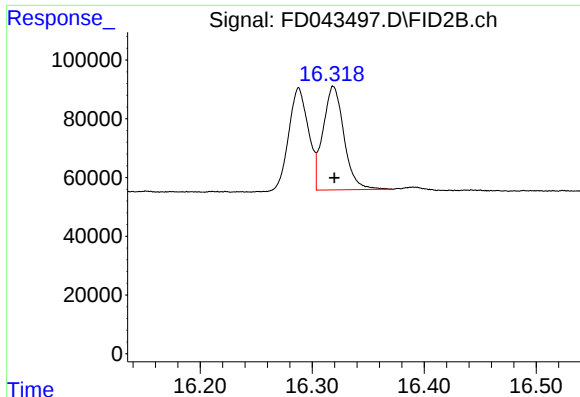
#15 Chrysene (C27.41)

R.T.: 14.780 min
Delta R.T.: 0.000 min
Response: 546606
Conc: 3.50 ug/ml



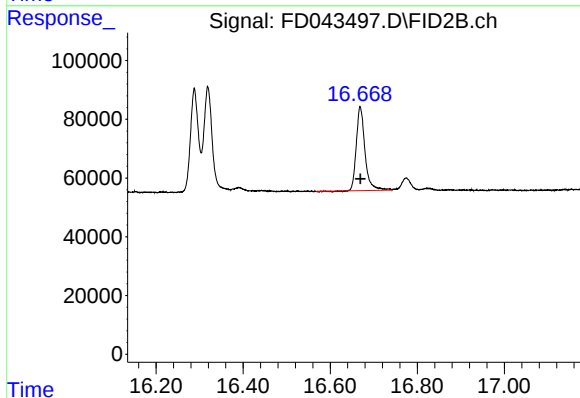
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.288 min
Delta R.T.: 0.000 min
Response: 414888
Conc: 2.77 ug/ml



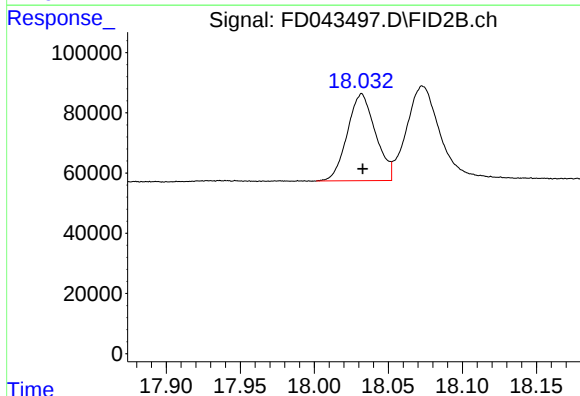
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.319 min
Delta R.T.: 0.000 min
Response: 458989
Conc: 3.06 ug/ml



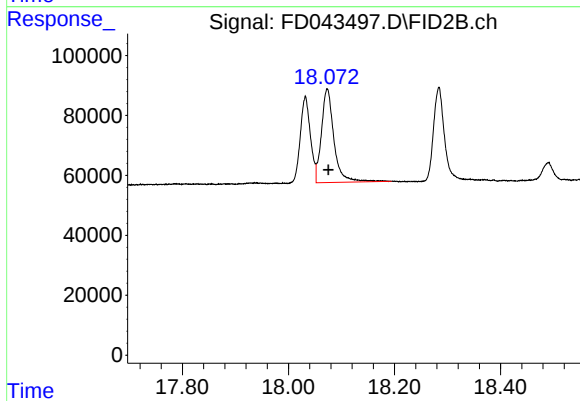
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.669 min
Delta R.T.: 0.000 min
Response: 395357
Conc: 2.80 ug/ml



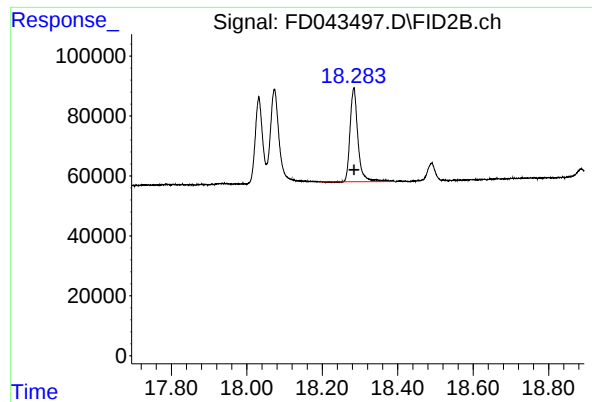
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.032 min
Delta R.T.: 0.000 min
Response: 381115
Conc: 3.22 ug/ml



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

R.T.: 18.073 min
Delta R.T.: -0.002 min
Response: 511787
Conc: 3.61 ug/ml



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

R.T.: 18.283 min
Delta R.T.: 0.000 min
Response: 457022
Conc: 3.51 ug/ml