

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070822AR\
 Data File : FD043202.D
 Signal(s) : FID2B.ch
 Acq On : 08 Jul 2022 11:27
 Operator : YP/AJ
 Sample : N3214-07
 Misc : 2.5 PPM WATER LOD
 ALS Vial : 56 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 09 03:33:42 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 25 04:47:50 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...	7.627	7323307	47.428 ug/ml
Spiked Amount 50.000		Recovery =	94.86%
6) S 2-Fluorobiphenyl (SURR)	8.490	4942325	46.858 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	93.72%
11) S ortho-Terphenyl (SURR)	11.535	7425182	40.854 ug/ml
Spiked Amount 50.000		Recovery =	81.71%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.419	263112	1.567 ug/ml
2) T Naphthalene (C11.7)	5.960	291802	1.667 ug/ml
3) T 2-Methylnaphthalene (...)	7.013	321376	1.998 ug/ml
5) T Acenaphthylene (C15.06)	8.289	323543	1.820 ug/ml
7) T Acenaphthene (C15.5)	8.585	338982	1.936 ug/ml
8) T Fluorene (C16.55)	9.367	286310	1.652 ug/ml
9) T Phenanthrene (C19.36)	10.764	278776	1.625 ug/ml
10) T Anthracene (C19.43)	10.839	263357	1.550 ug/ml
12) T Fluoranthene (C21.85)	12.575	283482	1.690 ug/ml
14) T Benzo[a]anthracene (C...	14.786	363851	2.343 ug/ml
15) T Chrysene (C27.41)	14.786	363851	2.305 ug/ml
16) T benzo[b]fluoranthene ...	16.324	307455	2.017 ug/ml
17) T Bnezo[k]fluoranthene ...	16.324	307455	2.101 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.674	246337	1.722 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.078	312452	2.497 ug/ml
20) T Dibenz[a,h]anthracene...	18.078	312452	2.324 ug/ml
21) T Benzo[g,h,i]perylene ...	18.288	233907	1.793 ug/ml

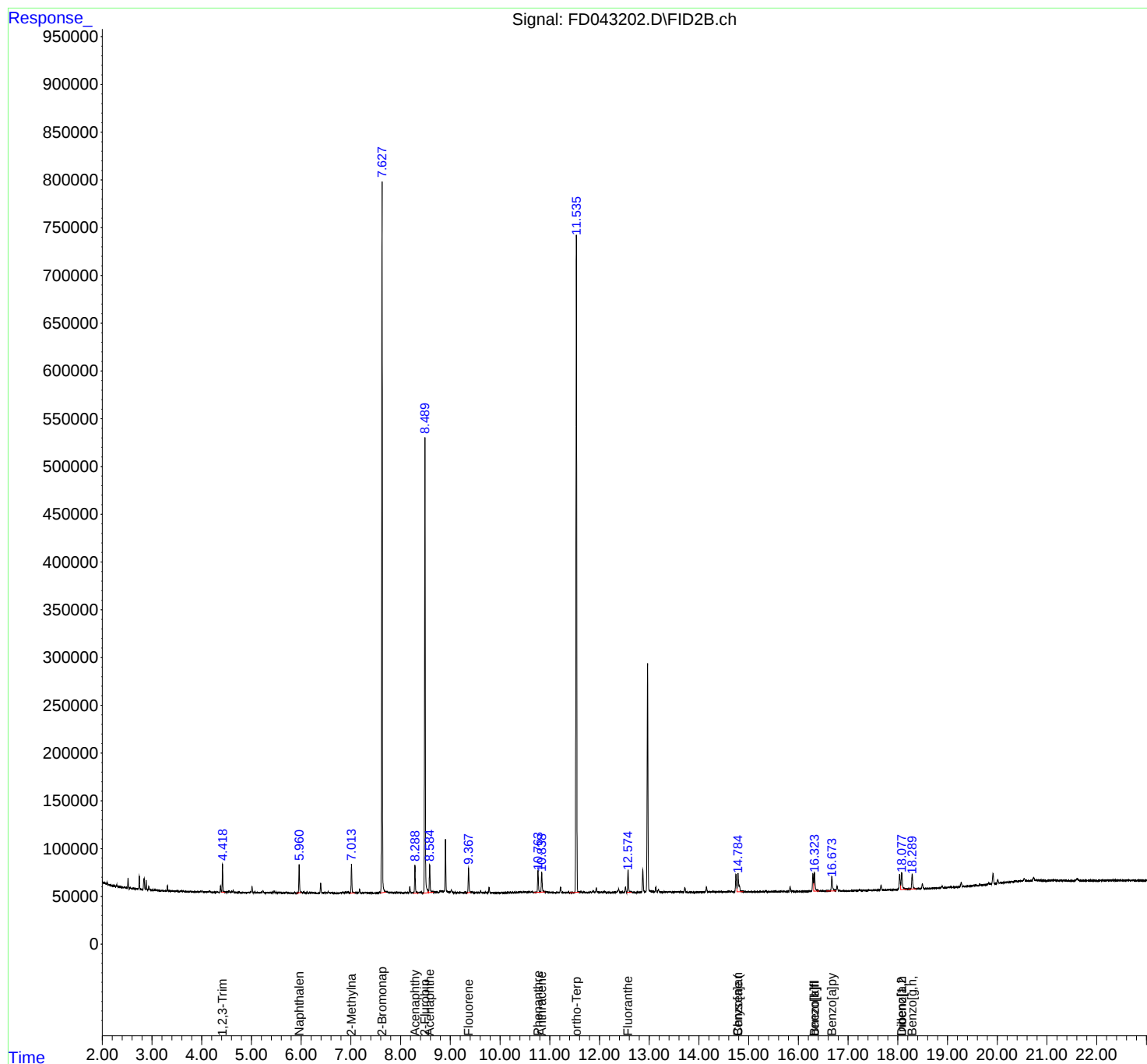
(f)=RT Delta > 1/2 Window

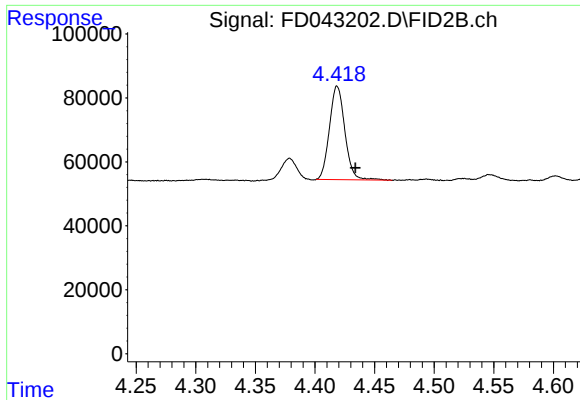
(m)=manual int.

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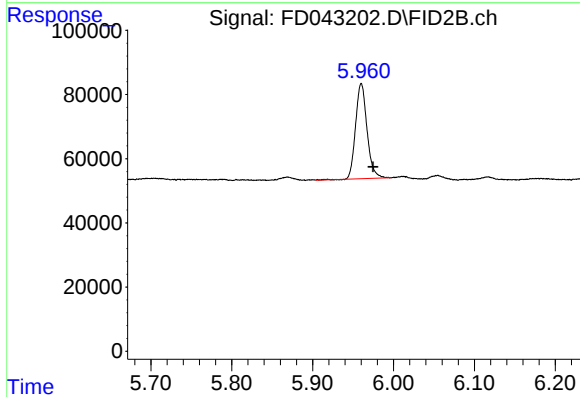
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Signal Info : 20M x 0.18mm x 0.18µm





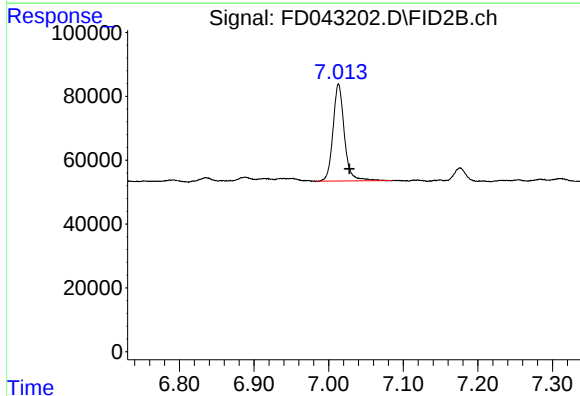
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.419 min
Delta R.T.: -0.015 min
Response: 263112
Conc: 1.57 ug/ml



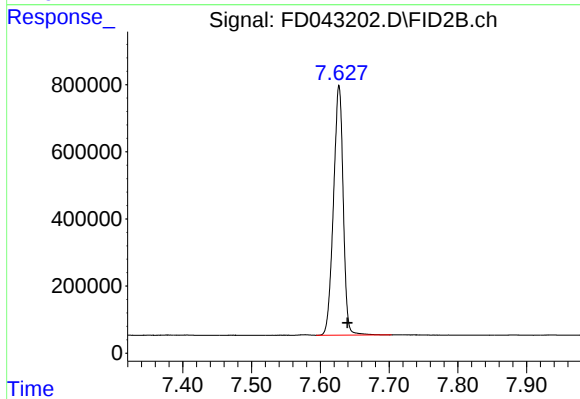
#2 Naphthalene (C11.7)

R.T.: 5.960 min
Delta R.T.: -0.015 min
Response: 291802
Conc: 1.67 ug/ml



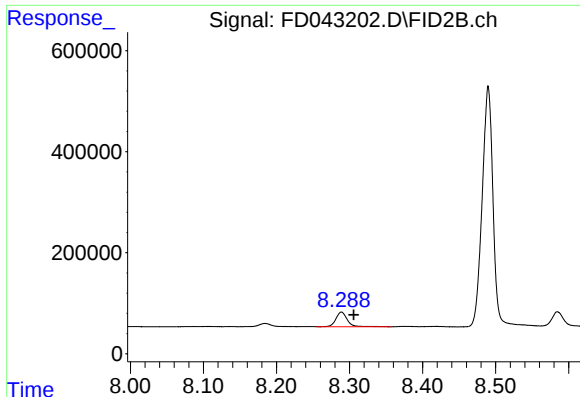
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.013 min
Delta R.T.: -0.015 min
Response: 321376
Conc: 2.00 ug/ml



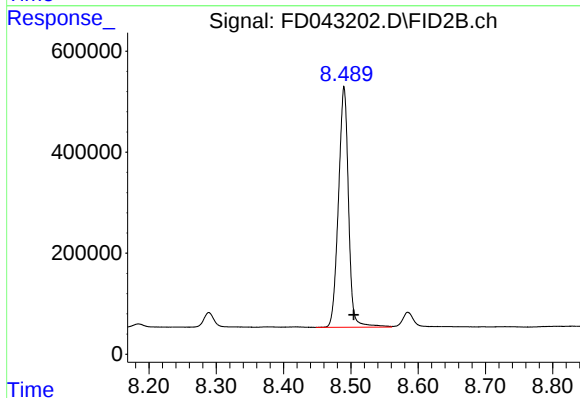
#4 2-Bromonaphthalene (SURR)

R.T.: 7.627 min
Delta R.T.: -0.012 min
Response: 7323307
Conc: 47.43 ug/ml



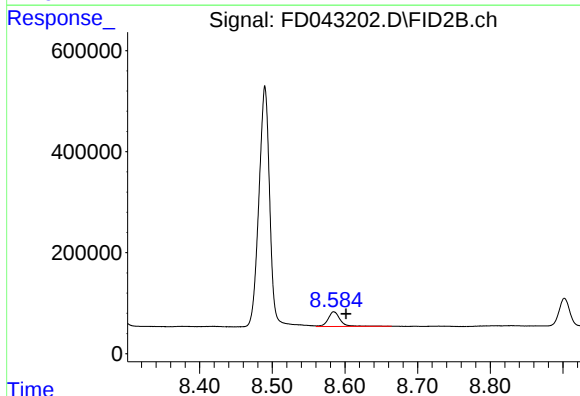
#5 Acenaphthylene (C15.06)

R.T.: 8.289 min
Delta R.T.: -0.017 min
Response: 323543
Conc: 1.82 ug/ml



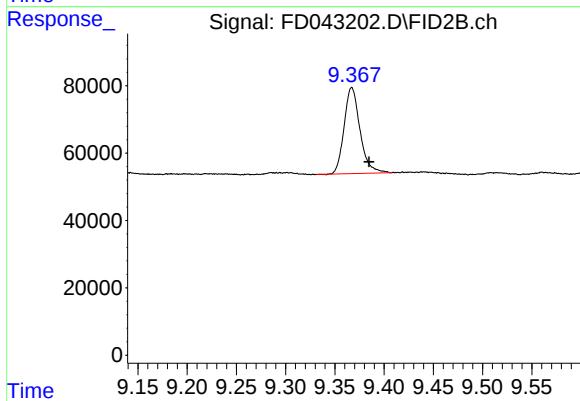
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.490 min
Delta R.T.: -0.014 min
Response: 4942325
Conc: 46.86 ug/ml



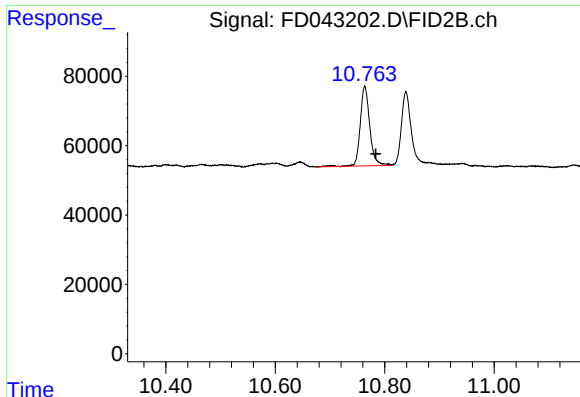
#7 Acenaphthene (C15.5)

R.T.: 8.585 min
Delta R.T.: -0.017 min
Response: 338982
Conc: 1.94 ug/ml



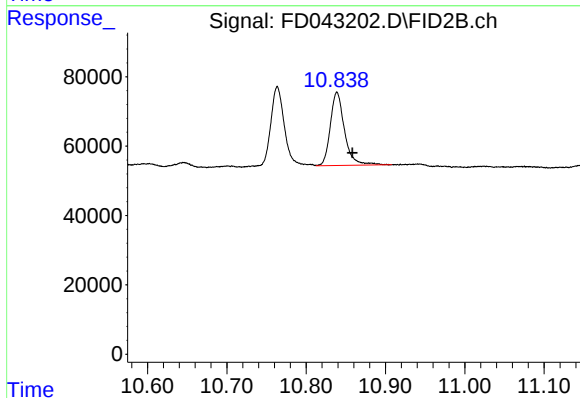
#8 Fluorene (C16.55)

R.T.: 9.367 min
Delta R.T.: -0.017 min
Response: 286310
Conc: 1.65 ug/ml



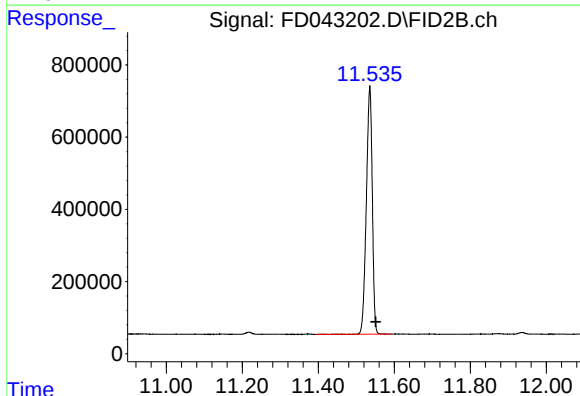
#9 Phenanthrene (C19.36)

R.T.: 10.764 min
Delta R.T.: -0.020 min
Response: 278776
Conc: 1.63 ug/ml



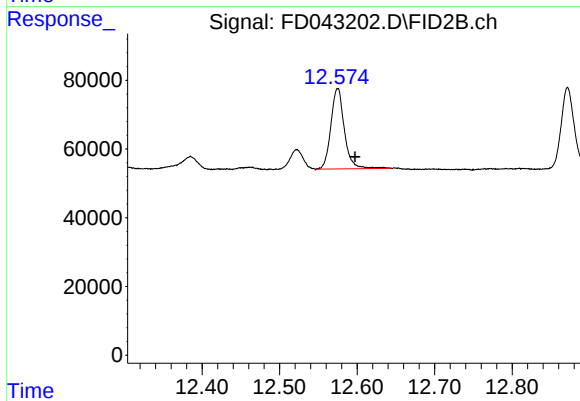
#10 Anthracene (C19.43)

R.T.: 10.839 min
Delta R.T.: -0.019 min
Response: 263357
Conc: 1.55 ug/ml



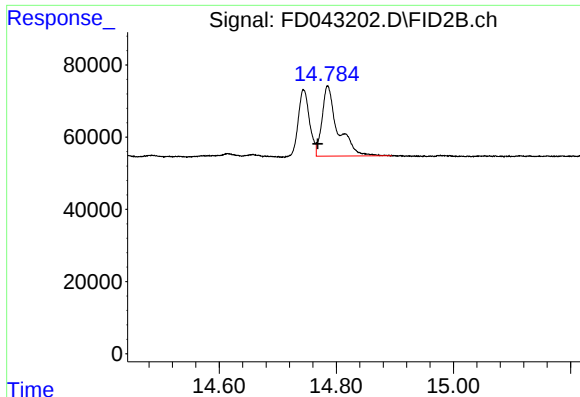
#11 ortho-Terphenyl (SURR)

R.T.: 11.535 min
Delta R.T.: -0.016 min
Response: 7425182
Conc: 40.85 ug/ml



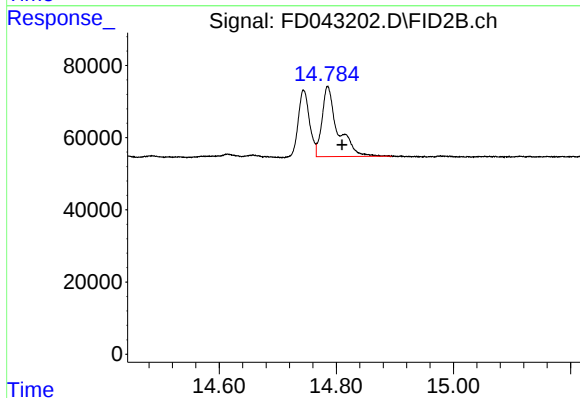
#12 Fluoranthene (C21.85)

R.T.: 12.575 min
Delta R.T.: -0.023 min
Response: 283482
Conc: 1.69 ug/ml



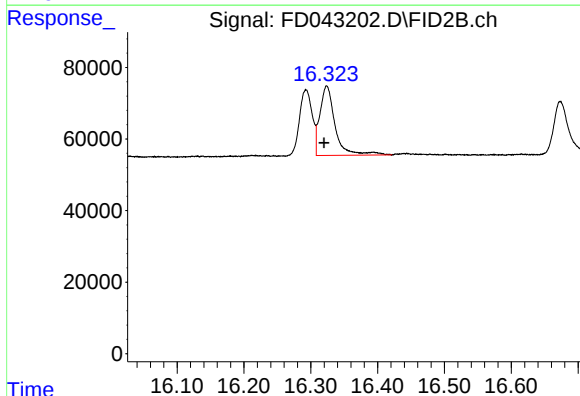
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.786 min
Delta R.T.: 0.017 min
Response: 363851
Conc: 2.34 ug/ml



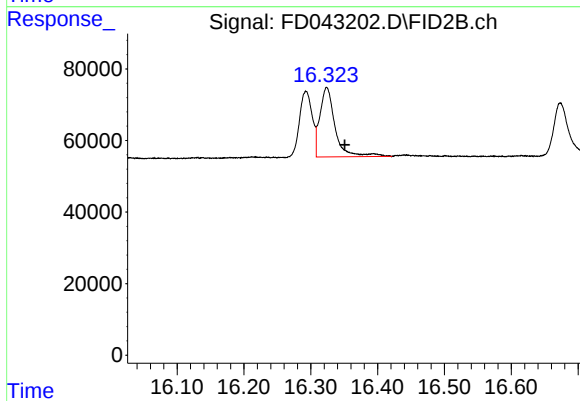
#15 Chrysene (C27.41)

R.T.: 14.786 min
Delta R.T.: -0.024 min
Response: 363851
Conc: 2.31 ug/ml



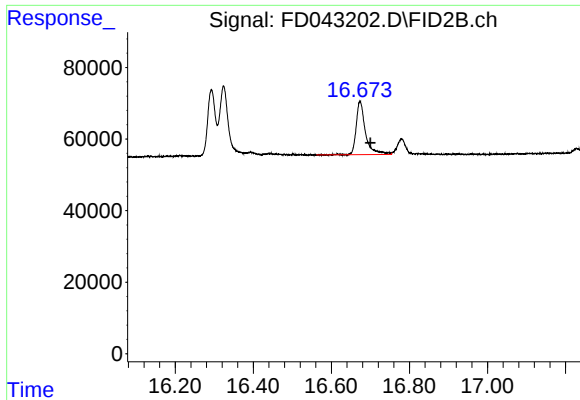
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.324 min
Delta R.T.: 0.004 min
Response: 307455
Conc: 2.02 ug/ml



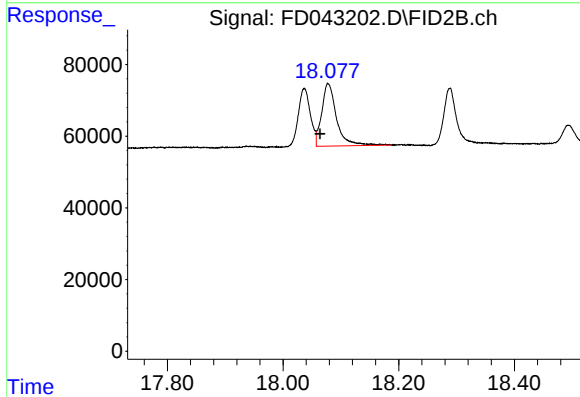
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.324 min
Delta R.T.: -0.027 min
Response: 307455
Conc: 2.10 ug/ml



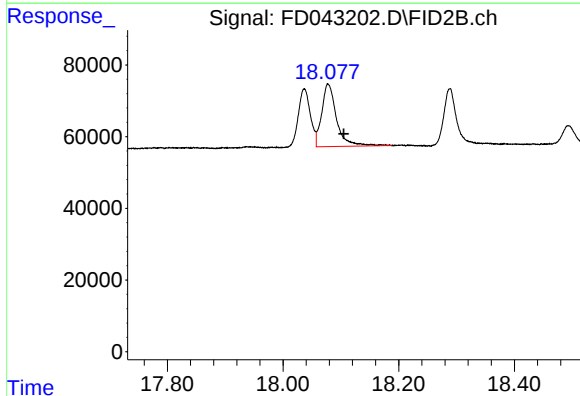
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.674 min
Delta R.T.: -0.026 min
Response: 246337
Conc: 1.72 ug/ml



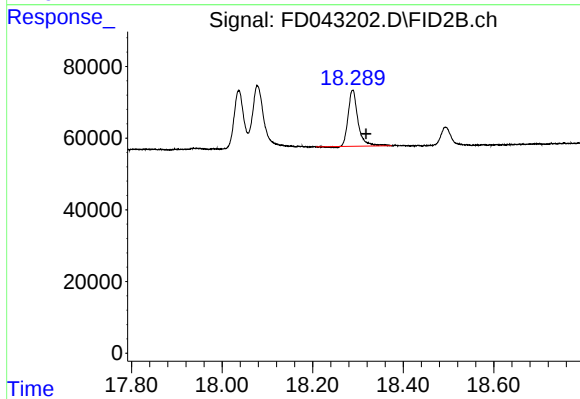
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.078 min
Delta R.T.: 0.014 min
Response: 312452
Conc: 2.50 ug/ml



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

R.T.: 18.078 min
Delta R.T.: -0.026 min
Response: 312452
Conc: 2.32 ug/ml



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

R.T.: 18.288 min
Delta R.T.: -0.030 min
Response: 233907
Conc: 1.79 ug/ml