

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070822AR\
 Data File : FD043205.D
 Signal(s) : FID2B.ch
 Acq On : 08 Jul 2022 15:19
 Operator : YP/AJ
 Sample : N3214-03
 Misc : 2.5 PPM SOIL MDL LOD
 ALS Vial : 59 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 09 03:34:22 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	6171900	39.971 ug/ml
Spiked Amount 50.000		Recovery =	79.94%
6) S 2-Fluorobiphenyl (SURR)	8.490	4184018	39.668 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	79.34%
11) S ortho-Terphenyl (SURR)	11.535	6322166	34.785 ug/ml
Spiked Amount 50.000		Recovery =	69.57%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.420	221796	1.321 ug/ml
2) T Naphthalene (C11.7)	5.961	244548	1.397 ug/ml
3) T 2-Methylnaphthalene (...)	7.014	275113	1.710 ug/ml
5) T Acenaphthylene (C15.06)	8.290	261846	1.473 ug/ml
7) T Acenaphthene (C15.5)	8.586	286869	1.638 ug/ml
8) T Fluorene (C16.55)	9.369	247448	1.428 ug/ml
9) T Phenanthrene (C19.36)	10.765	233306	1.360 ug/ml
10) T Anthracene (C19.43)	10.839	225081	1.325 ug/ml
12) T Fluoranthene (C21.85)	12.576	238862	1.424 ug/ml
13) T Pyrene (C20.8)	12.873	246228	1.511 ug/mlm
14) T Benzo[a]anthracene (C...	14.746	207590	1.337 ug/mlm
15) T Chrysene (C27.41)	14.787	301765	1.912 ug/ml
16) T benzo[b]fluoranthene ...	16.294	208448	1.367 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.325	256259	1.751 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.674	213106	1.490 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	18.036	194699	1.556 ug/mlm
20) T Dibenz[a,h]anthracene...	18.080	297124	2.210 ug/ml
21) T Benzo[g,h,i]perylene ...	18.288	237473	1.821 ug/mlm

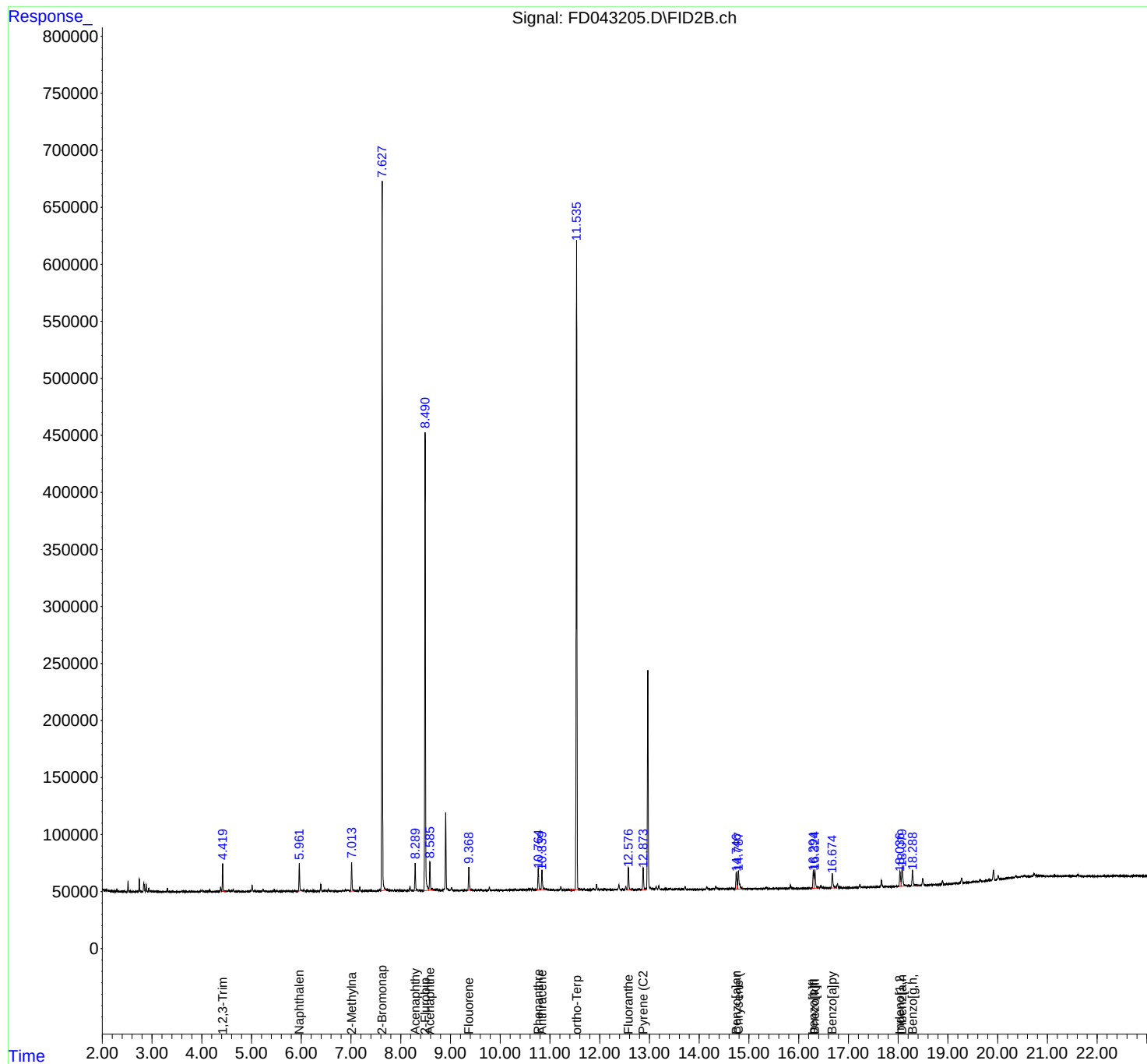
(f)=RT Delta > 1/2 Window

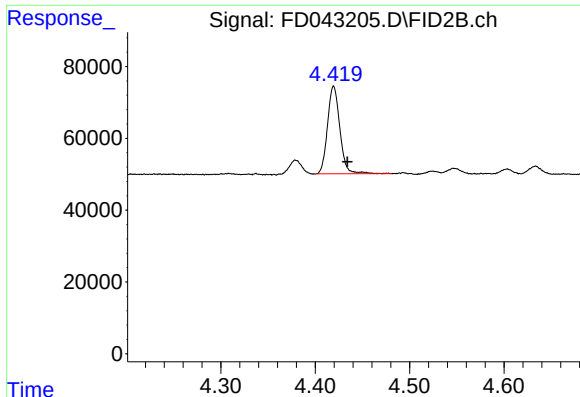
(m)=manual int.

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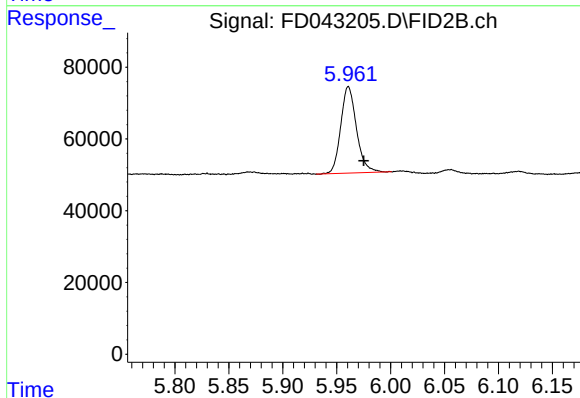
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Signal Info : 20M x 0.18mm x 0.18µm





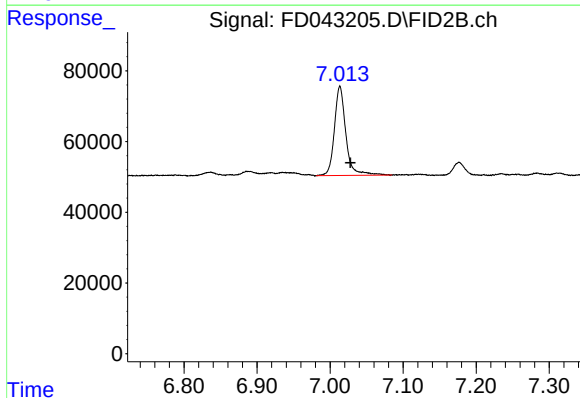
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.420 min
Delta R.T.: -0.014 min
Response: 221796
Conc: 1.32 ug/ml



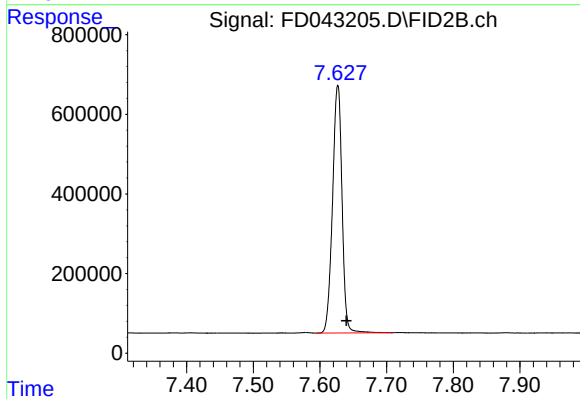
#2 Naphthalene (C11.7)

R.T.: 5.961 min
Delta R.T.: -0.014 min
Response: 244548
Conc: 1.40 ug/ml



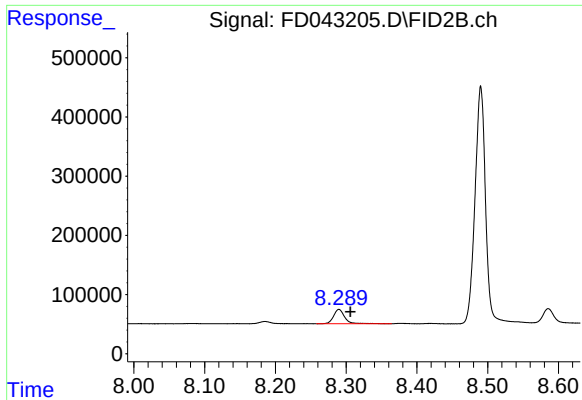
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.014 min
Delta R.T.: -0.014 min
Response: 275113
Conc: 1.71 ug/ml



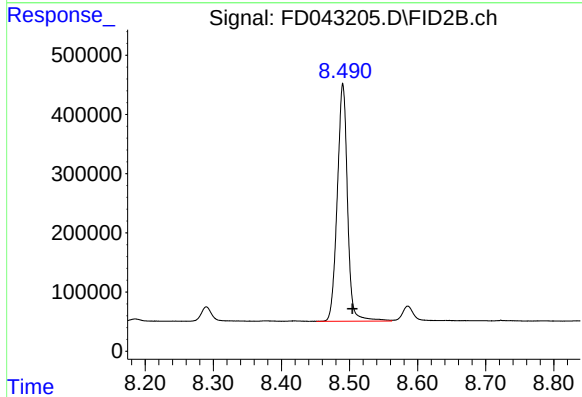
#4 2-Bromonaphthalene (SURR)

R.T.: 7.627 min
Delta R.T.: -0.013 min
Response: 6171900
Conc: 39.97 ug/ml



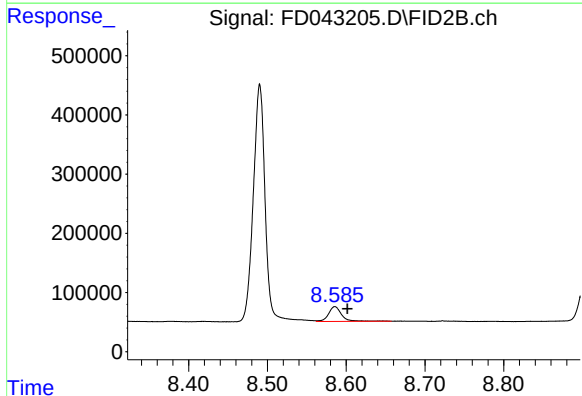
#5 Acenaphthylene (C15.06)

R.T.: 8.290 min
Delta R.T.: -0.016 min
Response: 261846
Conc: 1.47 ug/ml



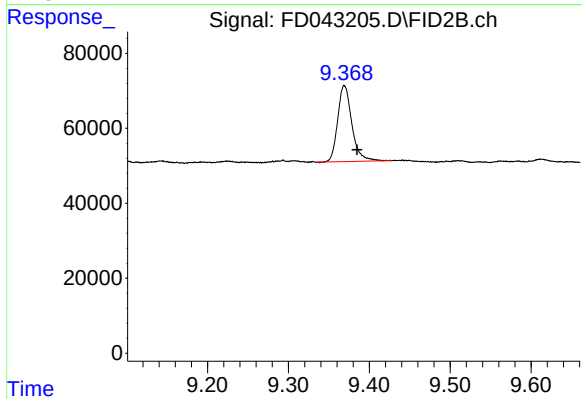
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.490 min
Delta R.T.: -0.014 min
Response: 4184018
Conc: 39.67 ug/ml



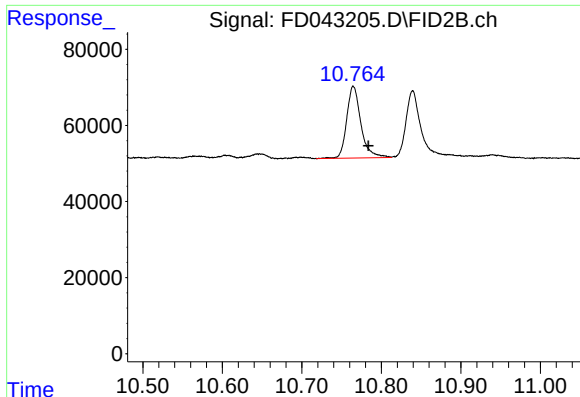
#7 Acenaphthene (C15.5)

R.T.: 8.586 min
Delta R.T.: -0.016 min
Response: 286869
Conc: 1.64 ug/ml



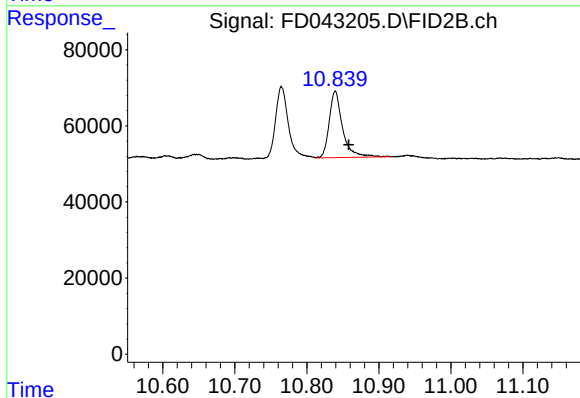
#8 Flouorene (C16.55)

R.T.: 9.369 min
Delta R.T.: -0.015 min
Response: 247448
Conc: 1.43 ug/ml



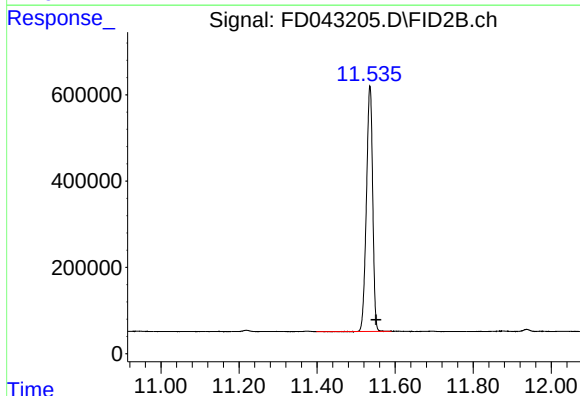
#9 Phenanthrene (C19.36)

R.T.: 10.765 min
Delta R.T.: -0.019 min
Response: 233306
Conc: 1.36 ug/ml



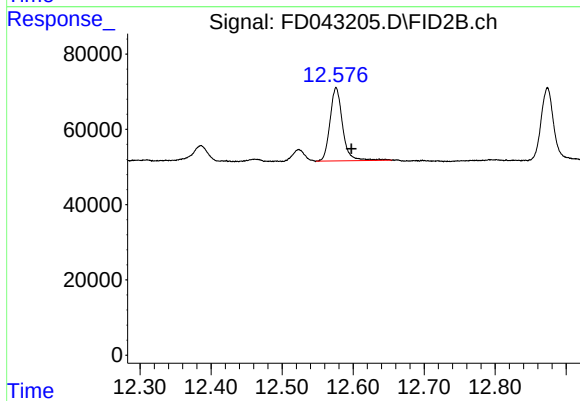
#10 Anthracene (C19.43)

R.T.: 10.839 min
Delta R.T.: -0.019 min
Response: 225081
Conc: 1.32 ug/ml



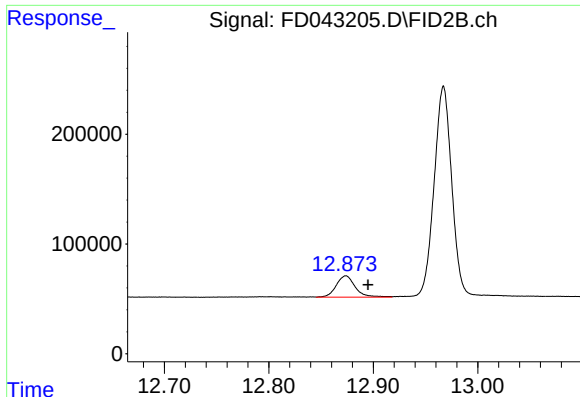
#11 ortho-Terphenyl (SURR)

R.T.: 11.535 min
Delta R.T.: -0.016 min
Response: 6322166
Conc: 34.78 ug/ml



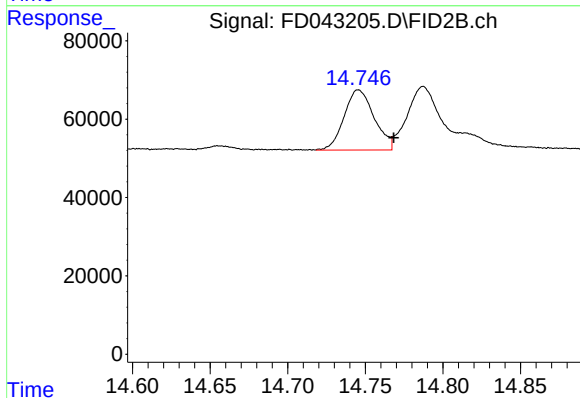
#12 Fluoranthene (C21.85)

R.T.: 12.576 min
Delta R.T.: -0.021 min
Response: 238862
Conc: 1.42 ug/ml



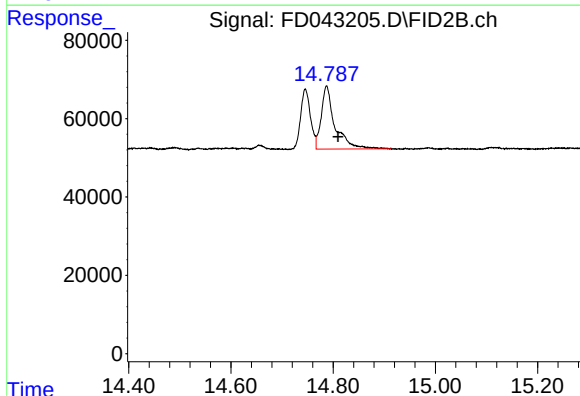
#13 Pyrene (C20.8)

R.T.: 12.873 min
Delta R.T.: -0.022 min
Response: 246228
Conc: 1.51 ug/ml m



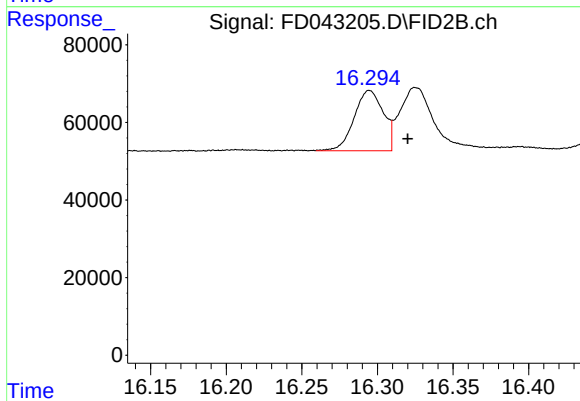
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.746 min
Delta R.T.: -0.023 min
Response: 207590
Conc: 1.34 ug/ml m



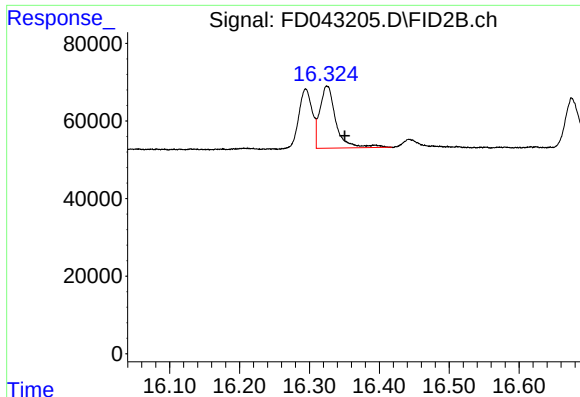
#15 Chrysene (C27.41)

R.T.: 14.787 min
Delta R.T.: -0.022 min
Response: 301765
Conc: 1.91 ug/ml



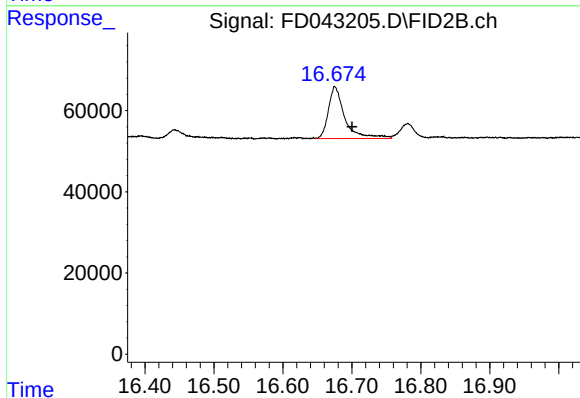
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.294 min
Delta R.T.: -0.026 min
Response: 208448
Conc: 1.37 ug/ml m



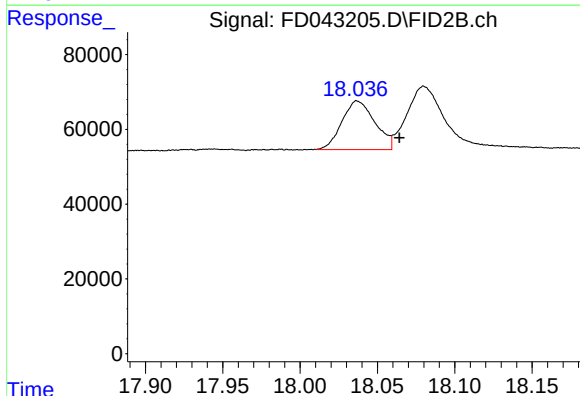
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.325 min
Delta R.T.: -0.025 min
Response: 256259
Conc: 1.75 ug/ml



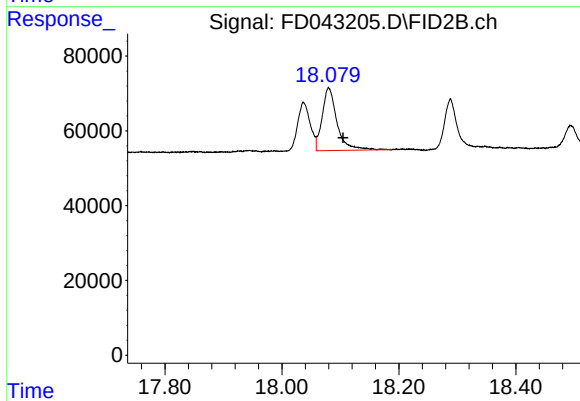
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.674 min
Delta R.T.: -0.026 min
Response: 213106
Conc: 1.49 ug/ml m



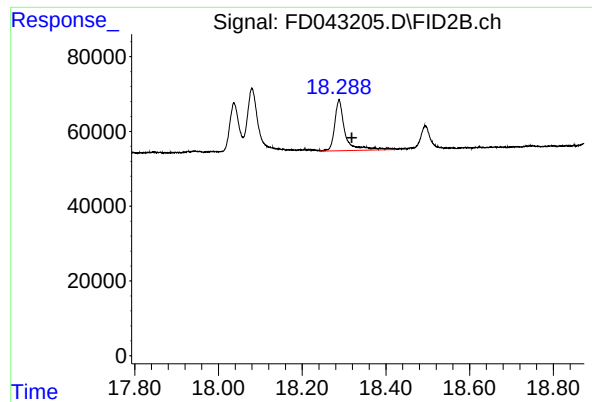
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.036 min
Delta R.T.: -0.028 min
Response: 194699
Conc: 1.56 ug/ml m



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

R.T.: 18.080 min
Delta R.T.: -0.024 min
Response: 297124
Conc: 2.21 ug/ml



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

R.T.: 18.288 min
Delta R.T.: -0.030 min
Response: 237473
Conc: 1.82 ug/ml m