

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080922AR\
 Data File : FD043525.D
 Signal(s) : FID2B.ch
 Acq On : 09 Aug 2022 16:19
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 10 02:00:08 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 08 16:58:49 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...	7.613	2978585	21.057 ug/ml
Spiked Amount 50.000		Recovery =	42.11%
6) S 2-Fluorobiphenyl (SURR)	8.477	1981400	20.842 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.68%
11) S ortho-Terphenyl (SURR)	11.524	3376524	19.922 ug/ml
Spiked Amount 50.000		Recovery =	39.84%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.406	3353925	21.384 ug/ml
2) T Naphthalene (C11.7)	5.947	3400806	21.033 ug/ml
3) T 2-Methylnaphthalene (...)	7.001	3110814	21.245 ug/ml
5) T Acenaphthylene (C15.06)	8.279	3269516	20.140 ug/ml
7) T Acenaphthene (C15.5)	8.576	3394974	20.999 ug/ml
8) T Fluorene (C16.55)	9.358	3252533	20.757 ug/ml
9) T Phenanthrene (C19.36)	10.756	3124660	19.937 ug/ml
10) T Anthracene (C19.43)	10.830	2560416	16.624 ug/ml
12) T Fluoranthene (C21.85)	12.571	3052214	19.271 ug/ml
13) T Pyrene (C20.8)	12.868	2985578	18.997 ug/ml
14) T Benzo[a]anthracene (C...	14.742	2817335	19.097 ug/ml
15) T Chrysene (C27.41)	14.784	3143413	20.116 ug/ml
16) T benzo[b]fluoranthene ...	16.296	3048489	20.380 ug/ml
17) T Bnezo[k]fluoranthene ...	16.327	2962272	19.741 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.674	2728709	19.305 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.040	2583739	21.862 ug/ml
20) T Dibenz[a,h]anthracene...	18.080	3186649	22.466 ug/ml
21) T Benzo[g,h,i]perylene ...	18.295	2747755	21.129 ug/ml

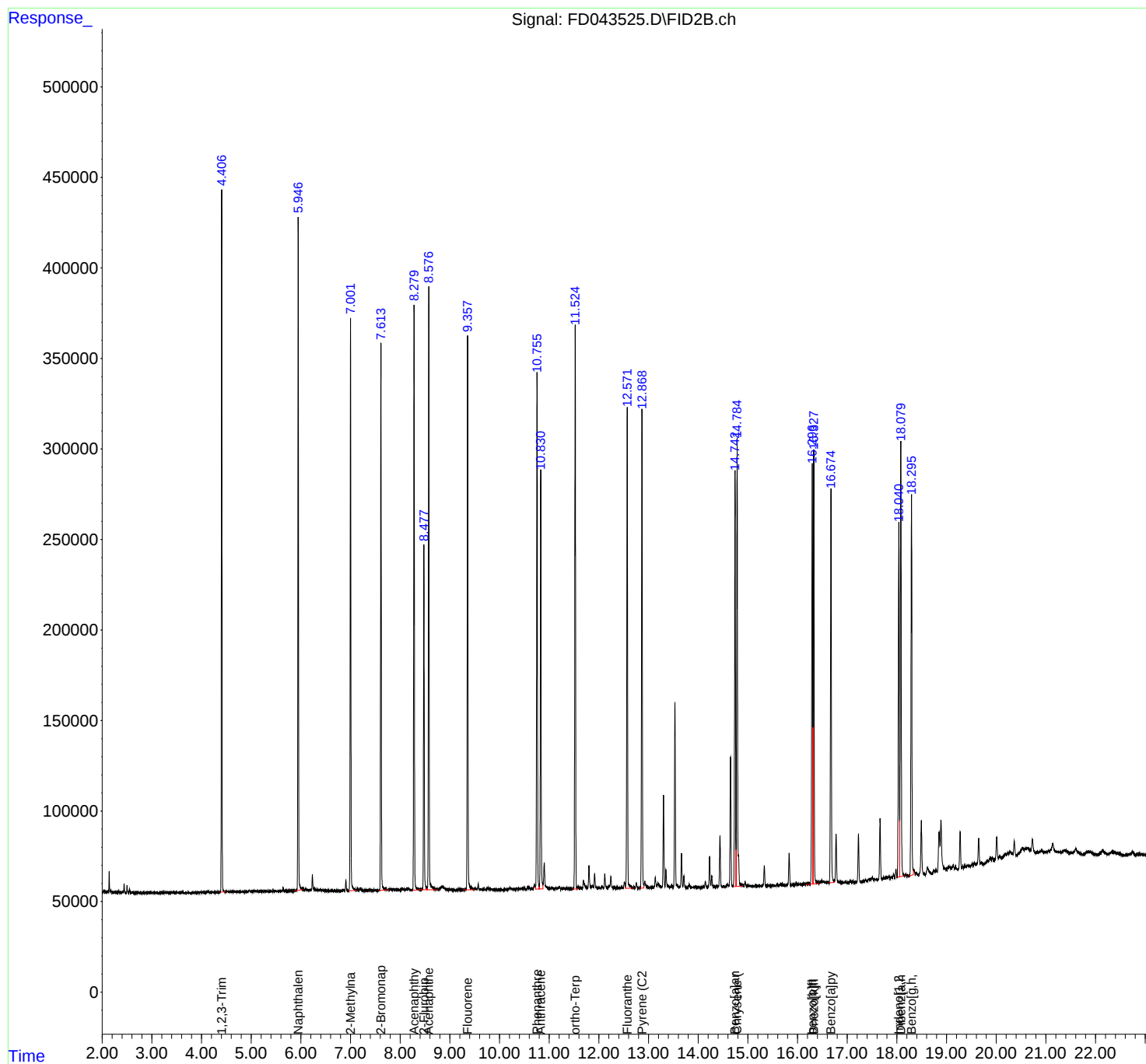
(f)=RT Delta > 1/2 Window

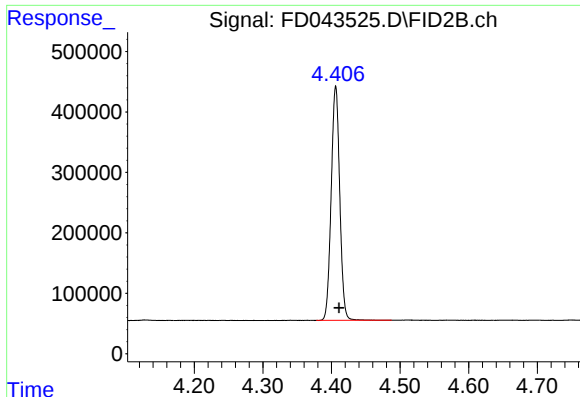
(m)=manual int.

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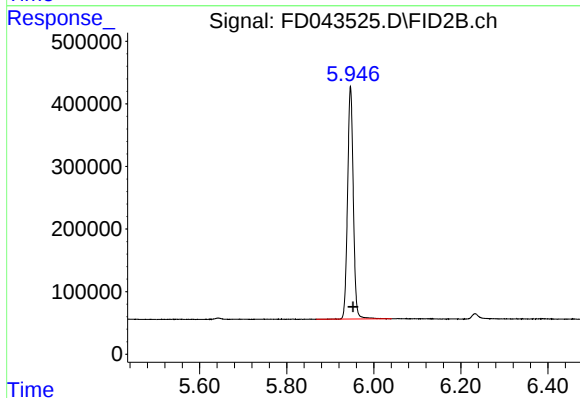
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





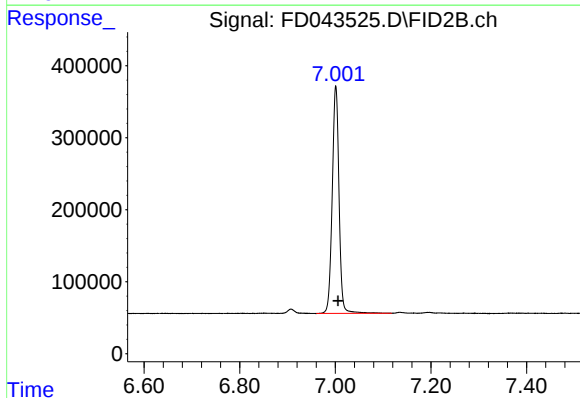
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.406 min
Delta R.T.: -0.005 min
Response: 3353925
Conc: 21.38 ug/ml



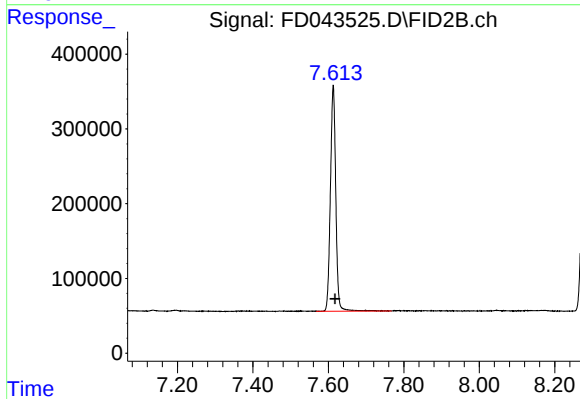
#2 Naphthalene (C11.7)

R.T.: 5.947 min
Delta R.T.: -0.006 min
Response: 3400806
Conc: 21.03 ug/ml



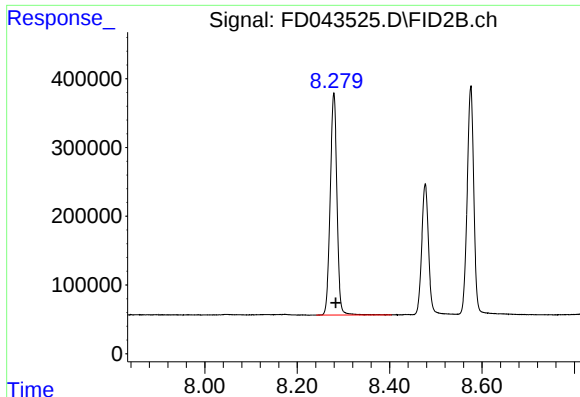
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.001 min
Delta R.T.: -0.005 min
Response: 3110814
Conc: 21.25 ug/ml



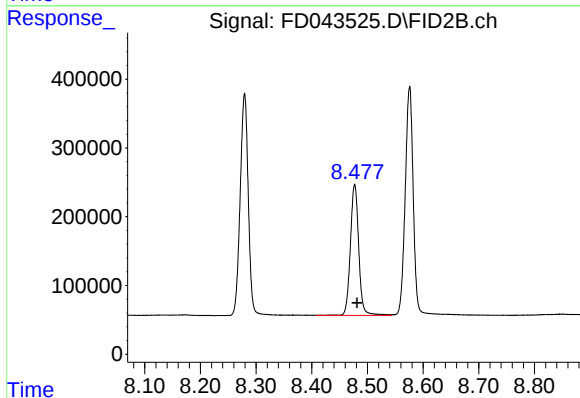
#4 2-Bromonaphthalene (SURR)

R.T.: 7.613 min
Delta R.T.: -0.005 min
Response: 2978585
Conc: 21.06 ug/ml



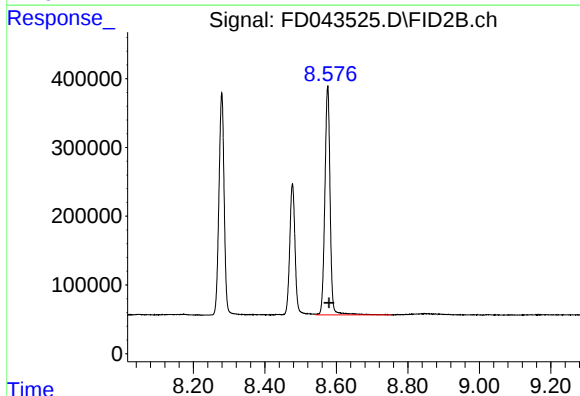
#5 Acenaphthylene (C15.06)

R.T.: 8.279 min
Delta R.T.: -0.004 min
Response: 3269516
Conc: 20.14 ug/ml



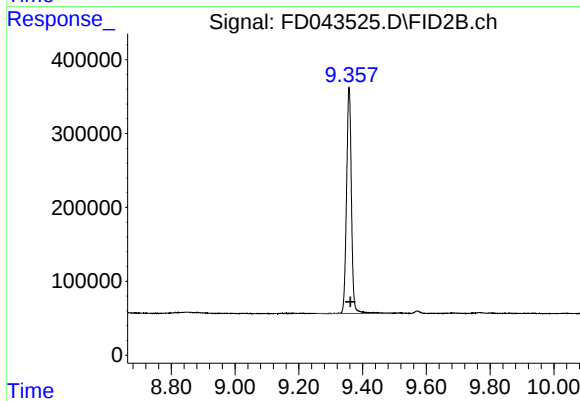
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.477 min
Delta R.T.: -0.004 min
Response: 1981400
Conc: 20.84 ug/ml



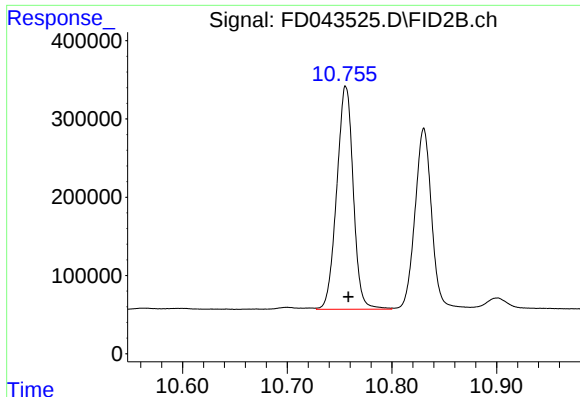
#7 Acenaphthene (C15.5)

R.T.: 8.576 min
Delta R.T.: -0.004 min
Response: 3394974
Conc: 21.00 ug/ml



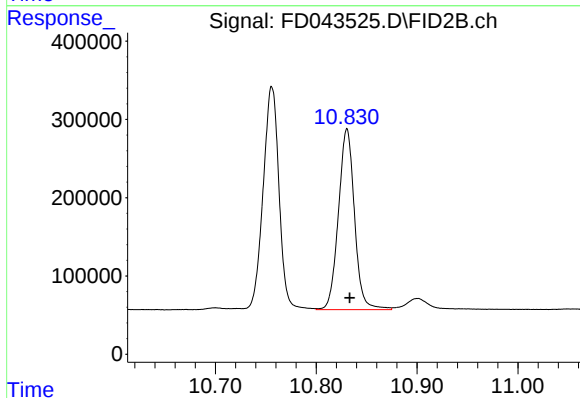
#8 Fluorene (C16.55)

R.T.: 9.358 min
Delta R.T.: -0.004 min
Response: 3252533
Conc: 20.76 ug/ml



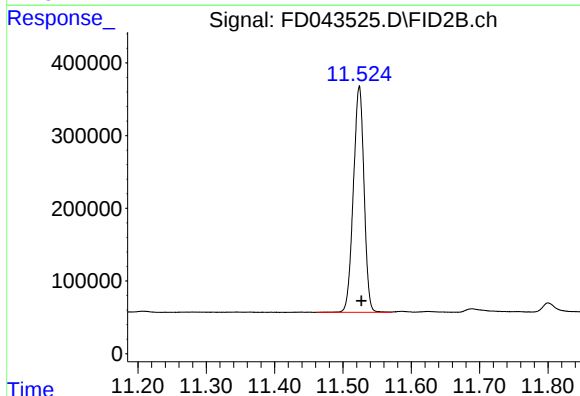
#9 Phenanthrene (C19.36)

R.T.: 10.756 min
Delta R.T.: -0.003 min
Response: 3124660
Conc: 19.94 ug/ml



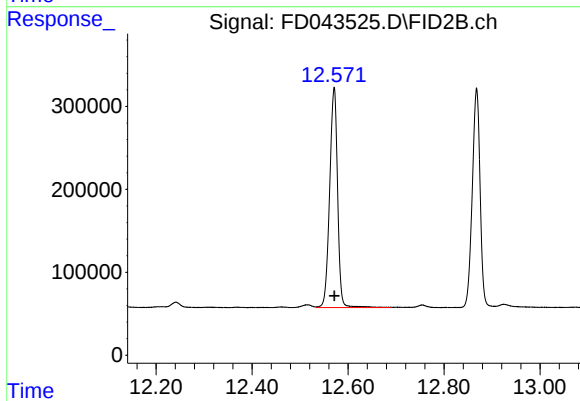
#10 Anthracene (C19.43)

R.T.: 10.830 min
Delta R.T.: -0.003 min
Response: 2560416
Conc: 16.62 ug/ml



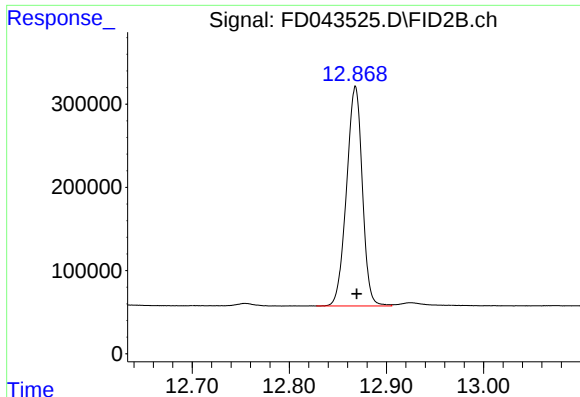
#11 ortho-Terphenyl (SURR)

R.T.: 11.524 min
Delta R.T.: -0.003 min
Response: 3376524
Conc: 19.92 ug/ml



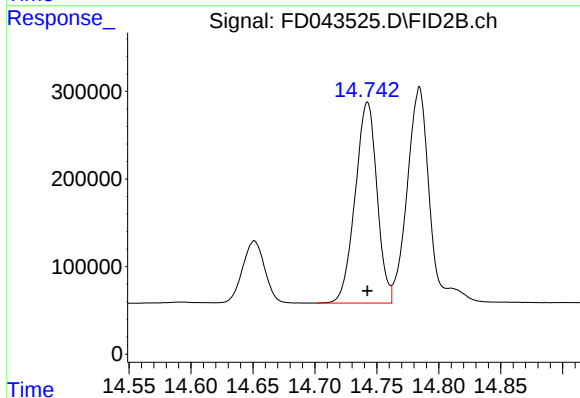
#12 Fluoranthene (C21.85)

R.T.: 12.571 min
Delta R.T.: -0.001 min
Response: 3052214
Conc: 19.27 ug/ml



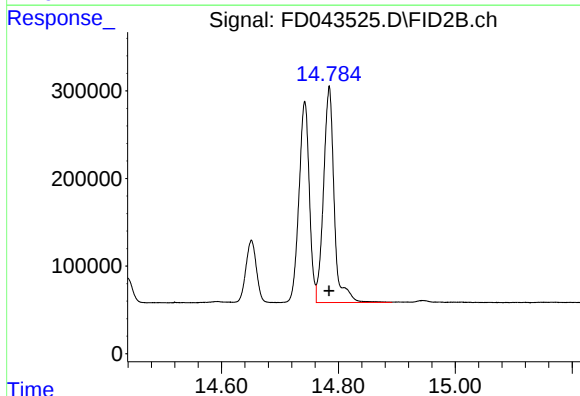
#13 Pyrene (C20.8)

R.T.: 12.868 min
Delta R.T.: -0.001 min
Response: 2985578
Conc: 19.00 ug/ml



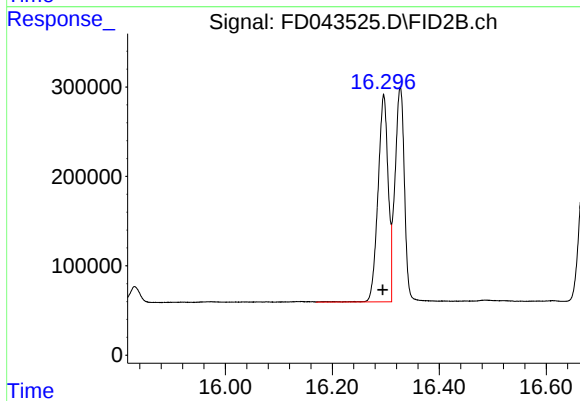
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.742 min
Delta R.T.: 0.000 min
Response: 2817335
Conc: 19.10 ug/ml



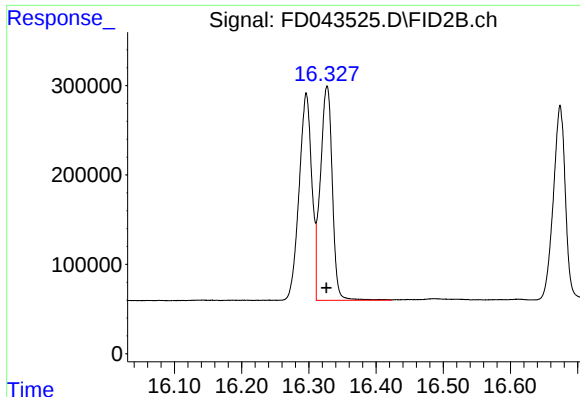
#15 Chrysene (C27.41)

R.T.: 14.784 min
Delta R.T.: 0.000 min
Response: 3143413
Conc: 20.12 ug/ml



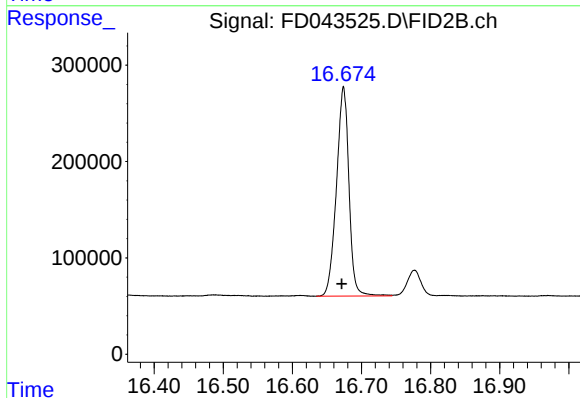
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.296 min
Delta R.T.: 0.002 min
Response: 3048489
Conc: 20.38 ug/ml



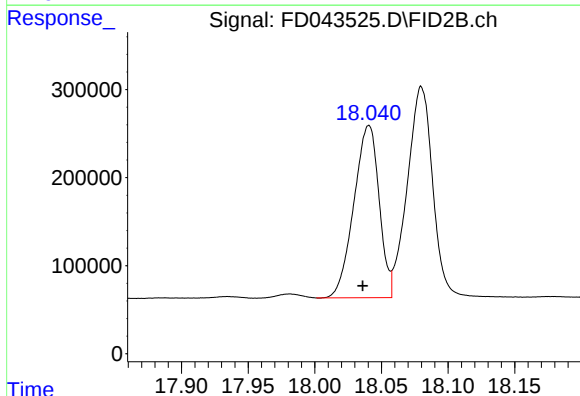
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.327 min
Delta R.T.: 0.000 min
Response: 2962272
Conc: 19.74 ug/ml



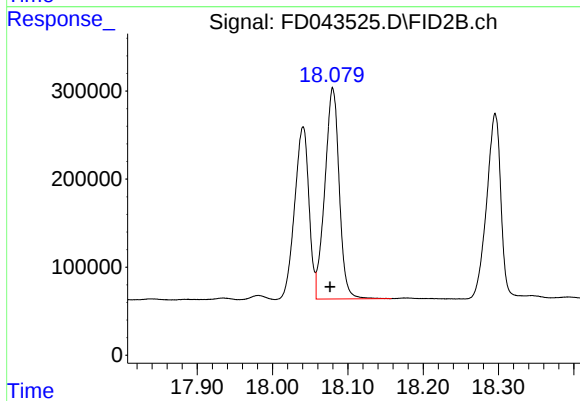
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.674 min
Delta R.T.: 0.002 min
Response: 2728709
Conc: 19.31 ug/ml



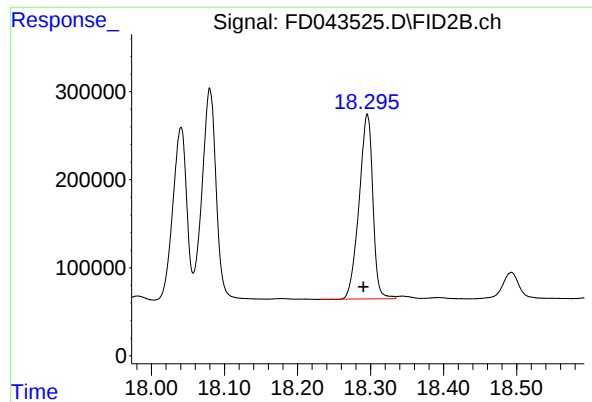
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.040 min
Delta R.T.: 0.004 min
Response: 2583739
Conc: 21.86 ug/ml



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

R.T.: 18.080 min
Delta R.T.: 0.004 min
Response: 3186649
Conc: 22.47 ug/ml



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

R.T.: 18.295 min
Delta R.T.: 0.005 min
Response: 2747755
Conc: 21.13 ug/ml