

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080822AR\
 Data File : FD043515.D
 Signal(s) : FID2B.ch
 Acq On : 08 Aug 2022 14:19
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Aug 09 02:53:18 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	2709650	19.156 ug/ml
Spiked Amount 50.000		Recovery =	38.31%
6) S 2-Fluorobiphenyl (SURR)	8.478	1830597	19.256 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.51%
11) S ortho-Terphenyl (SURR)	11.524	3088308	18.221 ug/ml
Spiked Amount 50.000		Recovery =	36.44%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.408	3099177	19.760 ug/ml
2) T Naphthalene (C11.7)	5.948	3156483	19.522 ug/ml
3) T 2-Methylnaphthalene (...)	7.002	2864553	19.564 ug/ml
5) T Acenaphthylene (C15.06)	8.280	3007870	18.528 ug/ml
7) T Acenaphthene (C15.5)	8.577	3102499	19.190 ug/ml
8) T Flouorene (C16.55)	9.359	3015872	19.247 ug/ml
9) T Phenanthrene (C19.36)	10.757	2859807	18.248 ug/ml
10) T Anthracene (C19.43)	10.832	2404166	15.610 ug/ml
12) T Fluoranthene (C21.85)	12.571	2793368	17.637 ug/ml
13) T Pyrene (C20.8)	12.868	2746845	17.478 ug/ml
14) T Benzo[a]anthracene (C...	14.743	2647212	17.943 ug/ml
15) T Chrysene (C27.41)	14.785	2938868	18.807 ug/ml
16) T benzo[b]fluoranthene ...	16.296	2867378	19.169 ug/ml
17) T Bnezo[k]fluoranthene ...	16.327	2832000	18.873 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.674	2635635	18.647 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.041	2487347	21.046 ug/ml
20) T Dibenz[a,h]anthracene...	18.080	3023261	21.315 ug/ml
21) T Benzo[g,h,i]perylene ...	18.295	2654170	20.410 ug/ml

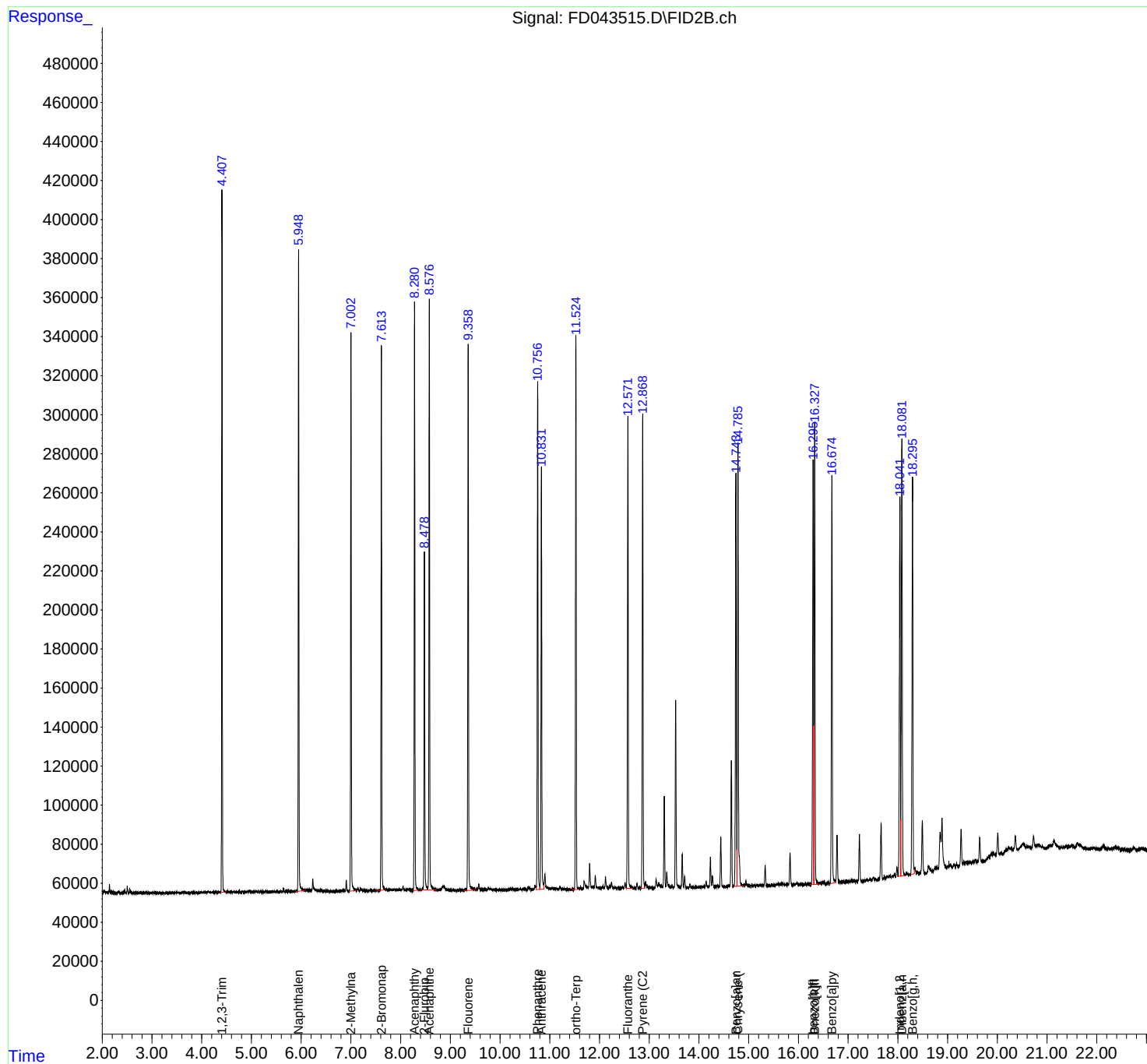
(f)=RT Delta > 1/2 Window

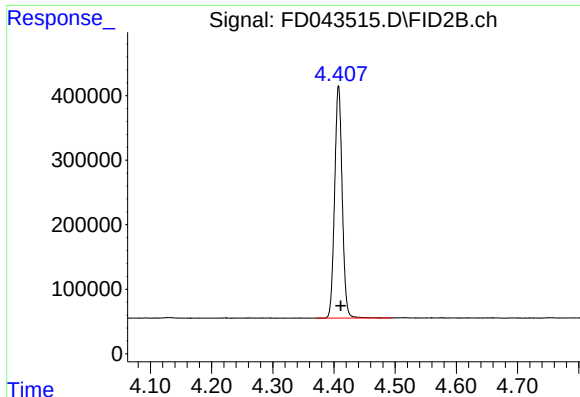
(m)=manual int.

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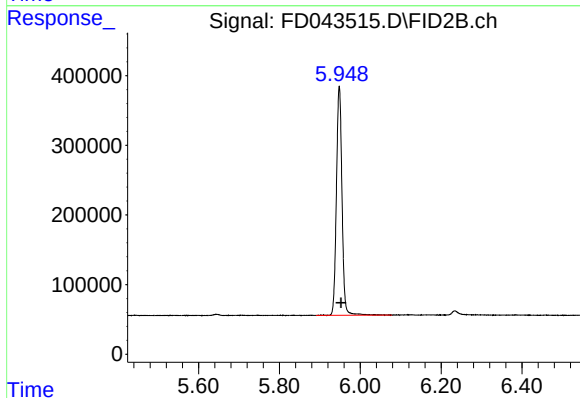
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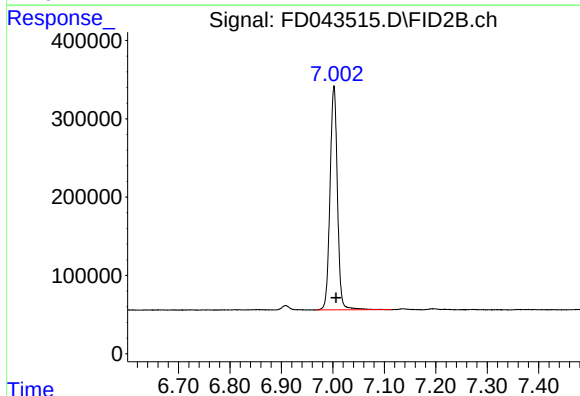
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.408 min
Delta R.T.: -0.003 min
Response: 3099177
Conc: 19.76 ug/ml



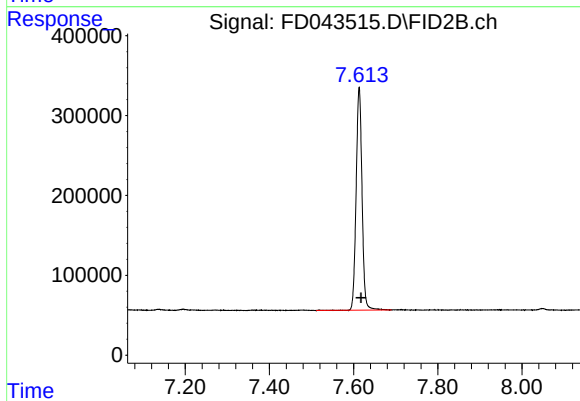
#2 Naphthalene (C11.7)

R.T.: 5.948 min
Delta R.T.: -0.004 min
Response: 3156483
Conc: 19.52 ug/ml



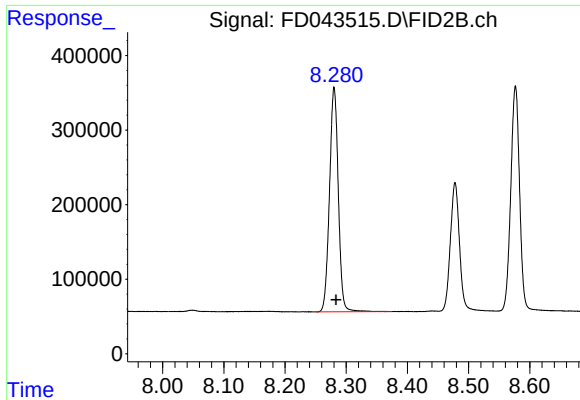
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.002 min
Delta R.T.: -0.004 min
Response: 2864553
Conc: 19.56 ug/ml



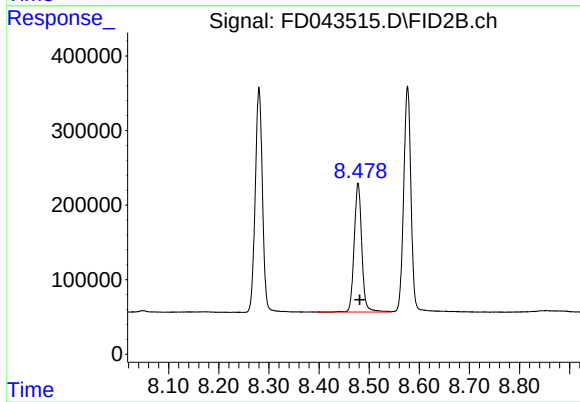
#4 2-Bromonaphthalene (SURR)

R.T.: 7.613 min
Delta R.T.: -0.004 min
Response: 2709650
Conc: 19.16 ug/ml



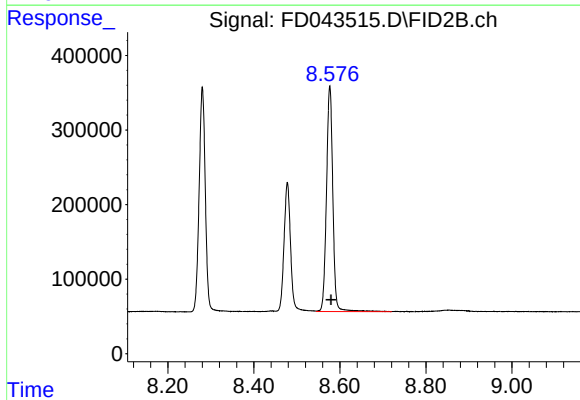
#5 Acenaphthylene (C15.06)

R.T.: 8.280 min
Delta R.T.: -0.003 min
Response: 3007870
Conc: 18.53 ug/ml



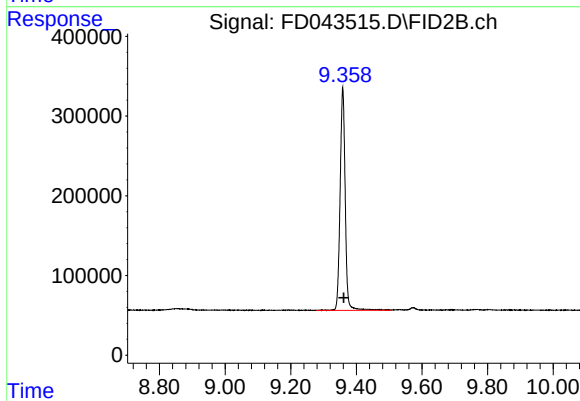
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.478 min
Delta R.T.: -0.003 min
Response: 1830597
Conc: 19.26 ug/ml



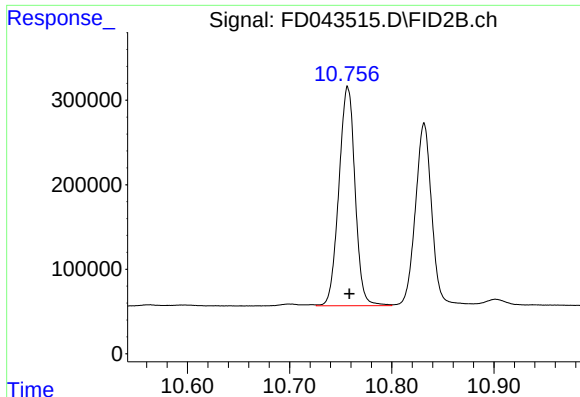
#7 Acenaphthene (C15.5)

R.T.: 8.577 min
Delta R.T.: -0.003 min
Response: 3102499
Conc: 19.19 ug/ml



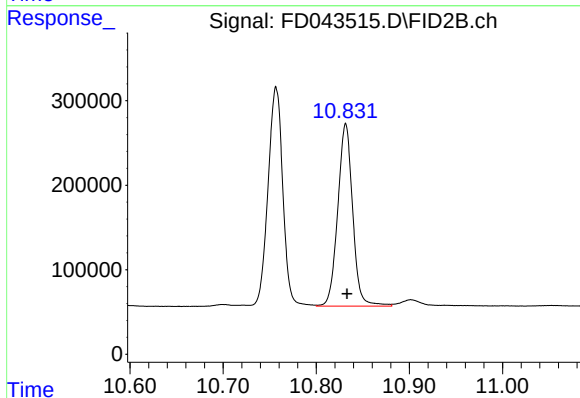
#8 Fluorene (C16.55)

R.T.: 9.359 min
Delta R.T.: -0.003 min
Response: 3015872
Conc: 19.25 ug/ml



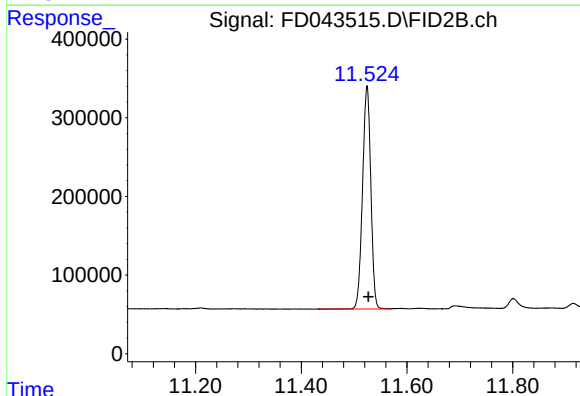
#9 Phenanthrene (C19.36)

R.T.: 10.757 min
Delta R.T.: -0.002 min
Response: 2859807
Conc: 18.25 ug/ml



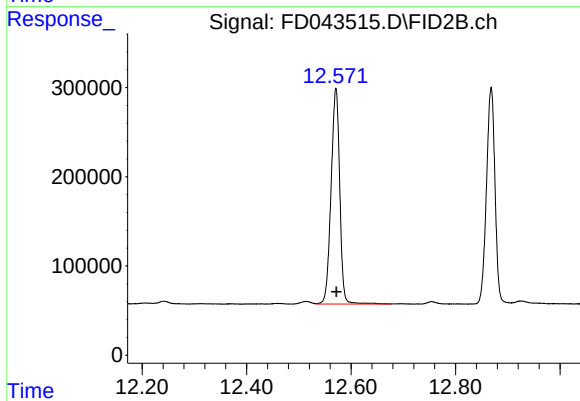
#10 Anthracene (C19.43)

R.T.: 10.832 min
Delta R.T.: -0.002 min
Response: 2404166
Conc: 15.61 ug/ml



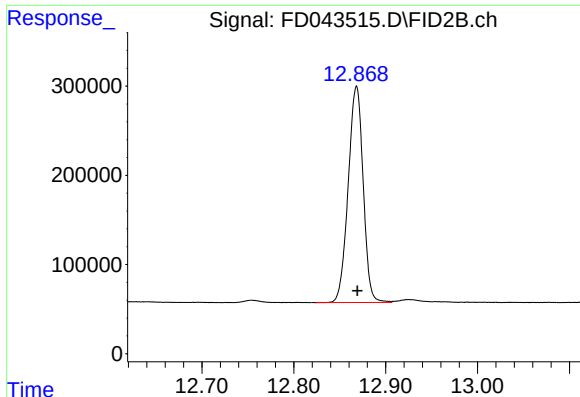
#11 ortho-Terphenyl (SURR)

R.T.: 11.524 min
Delta R.T.: -0.003 min
Response: 3088308
Conc: 18.22 ug/ml



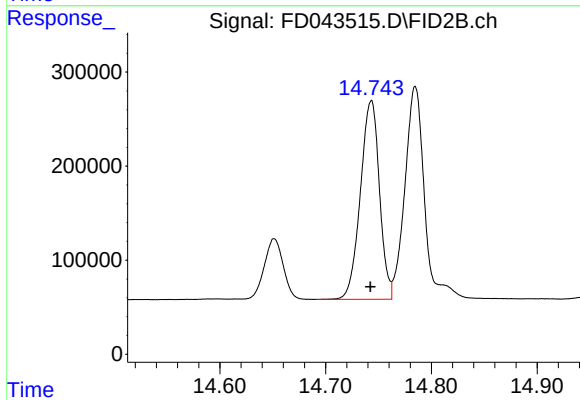
#12 Fluoranthene (C21.85)

R.T.: 12.571 min
Delta R.T.: 0.000 min
Response: 2793368
Conc: 17.64 ug/ml



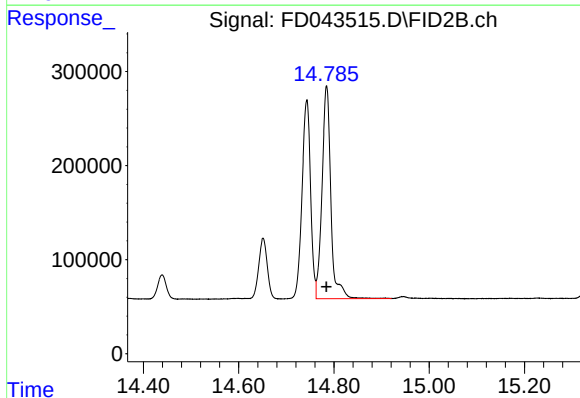
#13 Pyrene (C20.8)

R.T.: 12.868 min
Delta R.T.: -0.001 min
Response: 2746845
Conc: 17.48 ug/ml



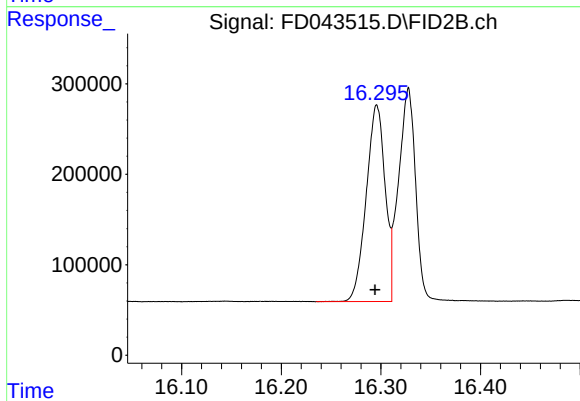
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.743 min
Delta R.T.: 0.000 min
Response: 2647212
Conc: 17.94 ug/ml



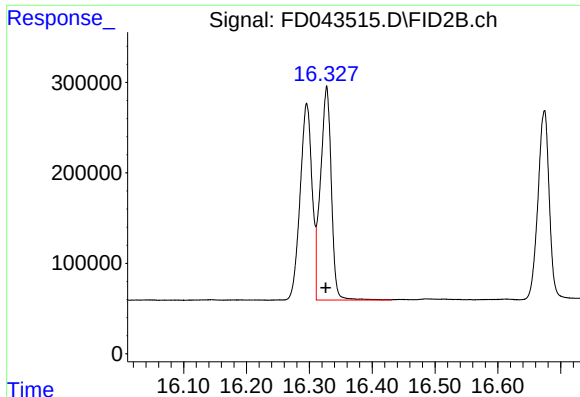
#15 Chrysene (C27.41)

R.T.: 14.785 min
Delta R.T.: 0.000 min
Response: 2938868
Conc: 18.81 ug/ml



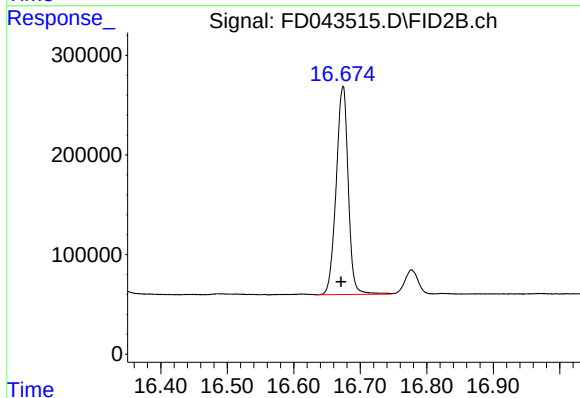
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.296 min
Delta R.T.: 0.002 min
Response: 2867378
Conc: 19.17 ug/ml



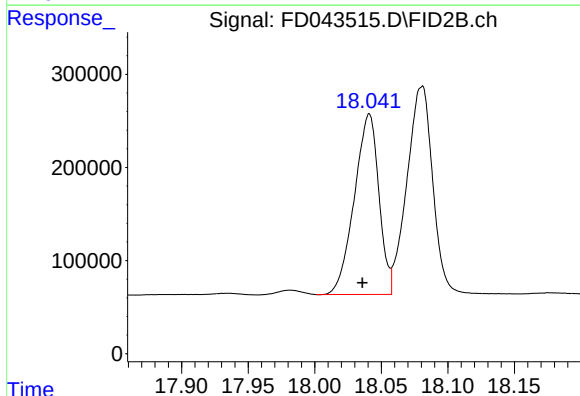
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.327 min
Delta R.T.: 0.001 min
Response: 2832000
Conc: 18.87 ug/ml



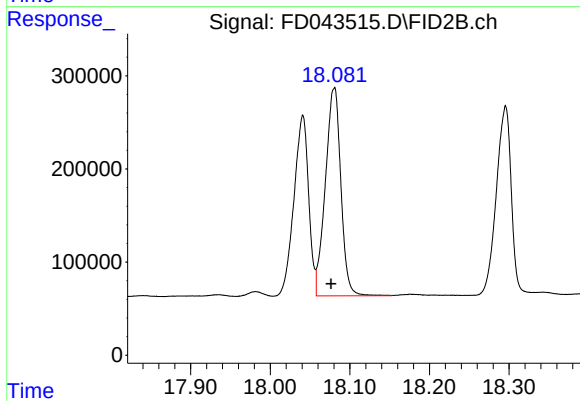
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.674 min
Delta R.T.: 0.002 min
Response: 2635635
Conc: 18.65 ug/ml



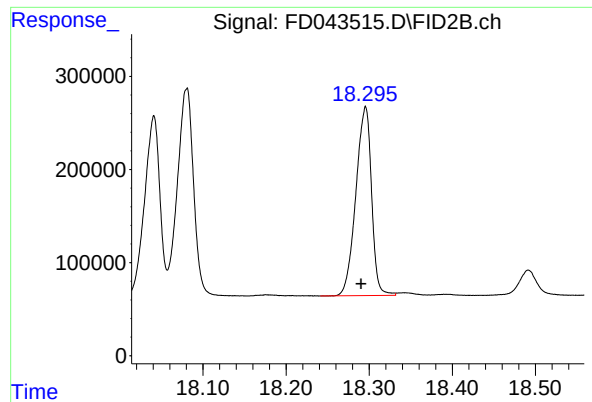
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.041 min
Delta R.T.: 0.005 min
Response: 2487347
Conc: 21.05 ug/ml



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

R.T.: 18.080 min
Delta R.T.: 0.004 min
Response: 3023261
Conc: 21.31 ug/ml



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

R.T.: 18.295 min
Delta R.T.: 0.005 min
Response: 2654170
Conc: 20.41 ug/ml