

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080422AR\
 Data File : FD043500.D
 Signal(s) : FID2B.ch
 Acq On : 04 Aug 2022 18:40
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 05 15:41:11 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...	7.614	2708124	19.145 ug/ml
Spiked Amount 50.000		Recovery =	38.29%
6) S 2-Fluorobiphenyl (SURR)	8.477	1808040	19.019 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.04%
11) S ortho-Terphenyl (SURR)	11.524	3131208	18.474 ug/ml
Spiked Amount 50.000		Recovery =	36.95%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.405	3030341	19.321 ug/ml
2) T Naphthalene (C11.7)	5.947	3088490	19.101 ug/ml
3) T 2-Methylnaphthalene (...)	7.002	2822357	19.275 ug/ml
5) T Acenaphthylene (C15.06)	8.280	3022528	18.619 ug/ml
7) T Acenaphthene (C15.5)	8.576	3041875	18.815 ug/ml
8) T Flouorene (C16.55)	9.357	2969330	18.950 ug/ml
9) T Phenanthrene (C19.36)	10.756	2933889	18.720 ug/ml
10) T Anthracene (C19.43)	10.831	2626713	17.055 ug/ml
12) T Fluoranthene (C21.85)	12.571	2876179	18.159 ug/ml
13) T Pyrene (C20.8)	12.868	2833981	18.033 ug/ml
14) T Benzo[a]anthracene (C...	14.742	2686847	18.212 ug/ml
15) T Chrysene (C27.41)	14.784	2826071	18.086 ug/ml
16) T benzo[b]fluoranthene ...	16.294	2839397	18.982 ug/ml
17) T Bnezo[k]fluoranthene ...	16.326	2784976	18.560 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.672	2697702	19.086 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.039	2505877	21.203 ug/ml
20) T Dibenz[a,h]anthracene...	18.078	2886847	20.353 ug/ml
21) T Benzo[g,h,i]perylene ...	18.294	2702633	20.782 ug/ml

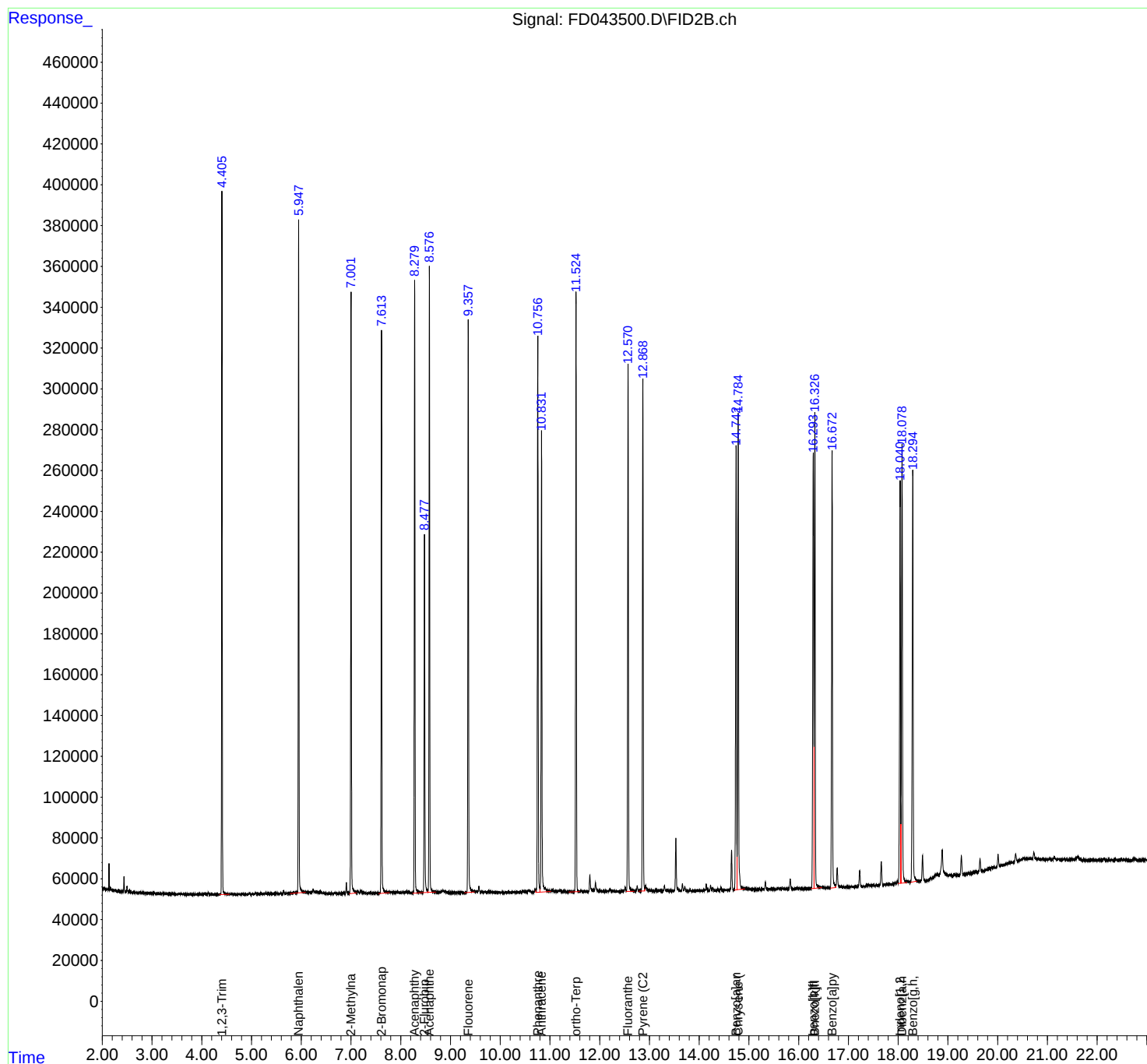
(f)=RT Delta > 1/2 Window

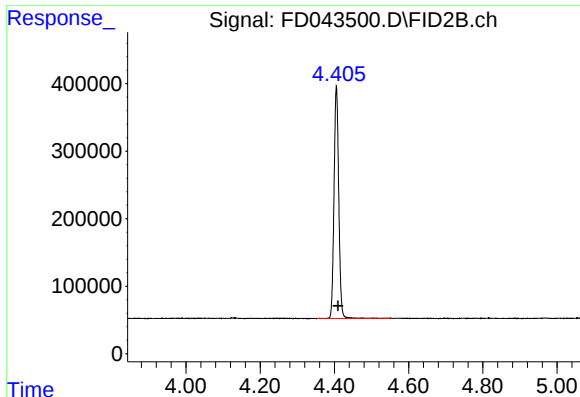
(m)=manual int.

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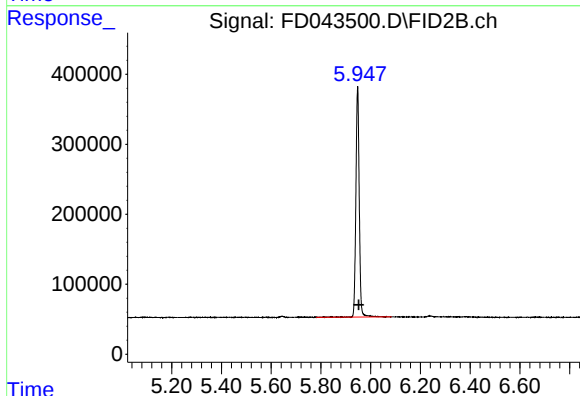
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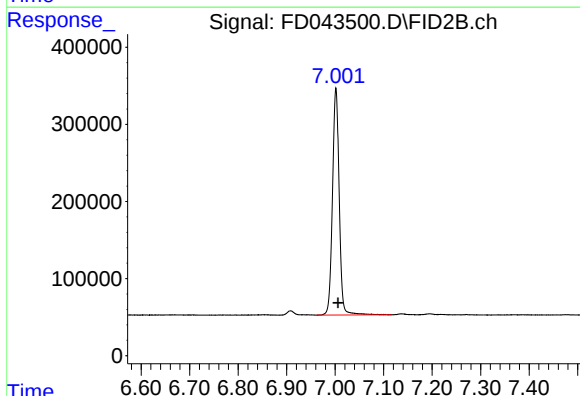
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.405 min
Delta R.T.: -0.005 min
Response: 3030341
Conc: 19.32 ug/ml



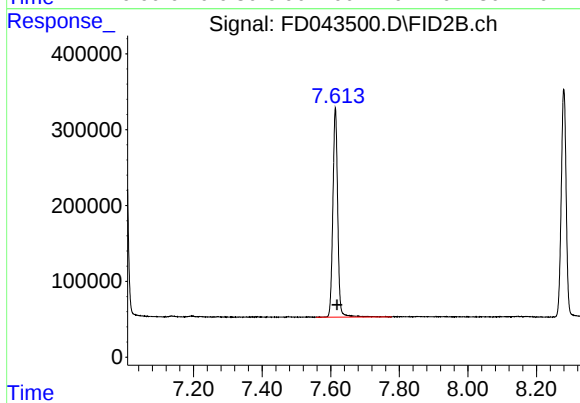
#2 Naphthalene (C11.7)

R.T.: 5.947 min
Delta R.T.: -0.005 min
Response: 3088490
Conc: 19.10 ug/ml



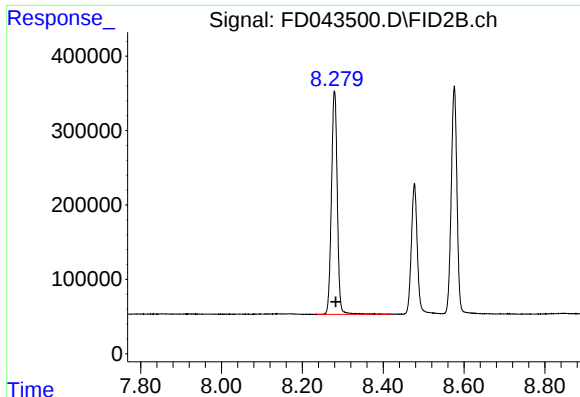
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.002 min
Delta R.T.: -0.004 min
Response: 2822357
Conc: 19.28 ug/ml



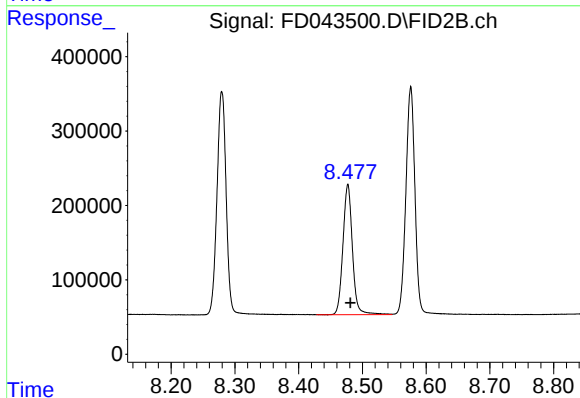
#4 2-Bromonaphthalene (SURR)

R.T.: 7.614 min
Delta R.T.: -0.005 min
Response: 2708124
Conc: 19.15 ug/ml



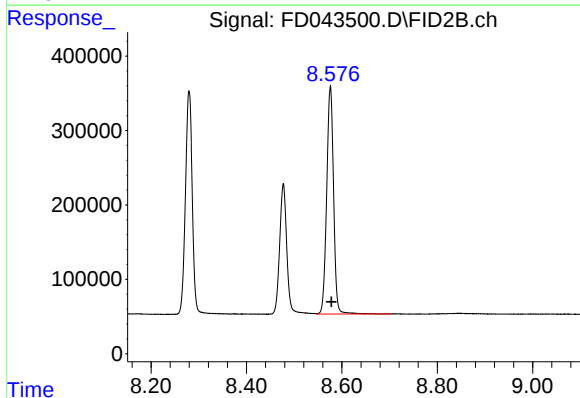
#5 Acenaphthylene (C15.06)

R.T.: 8.280 min
Delta R.T.: -0.003 min
Response: 3022528
Conc: 18.62 ug/ml



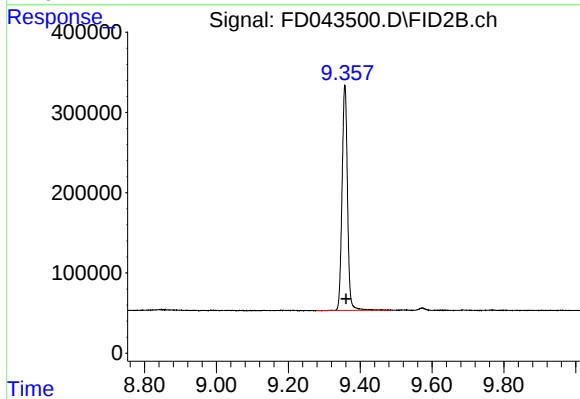
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.477 min
Delta R.T.: -0.004 min
Response: 1808040
Conc: 19.02 ug/ml



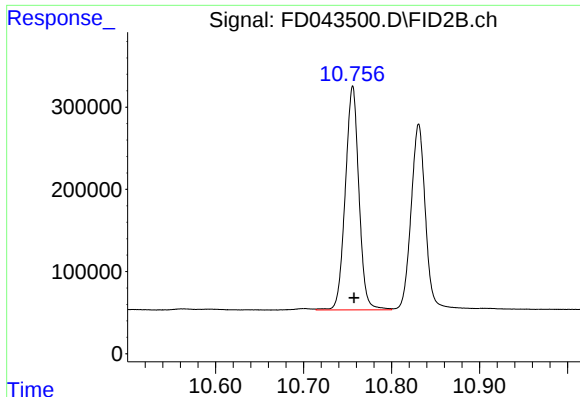
#7 Acenaphthene (C15.5)

R.T.: 8.576 min
Delta R.T.: -0.002 min
Response: 3041875
Conc: 18.82 ug/ml



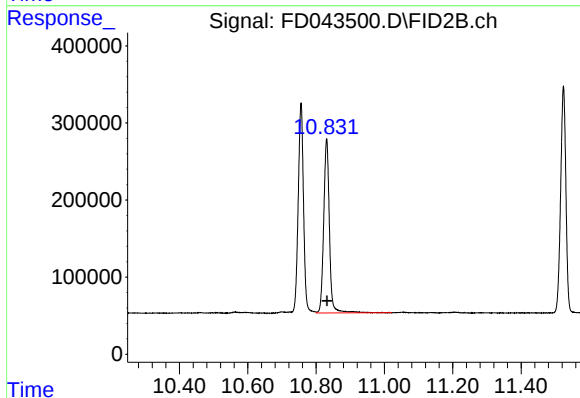
#8 Fluorene (C16.55)

R.T.: 9.357 min
Delta R.T.: -0.004 min
Response: 2969330
Conc: 18.95 ug/ml



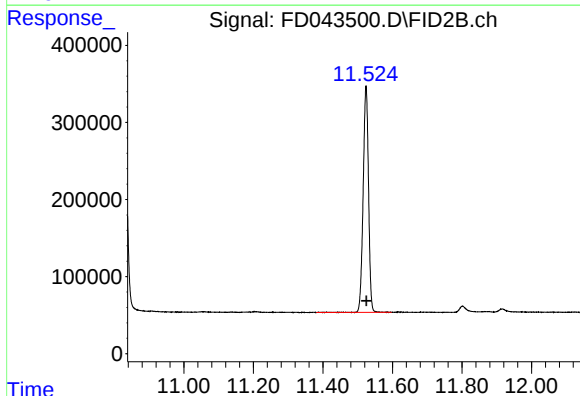
#9 Phenanthrene (C19.36)

R.T.: 10.756 min
Delta R.T.: -0.002 min
Response: 2933889
Conc: 18.72 ug/ml



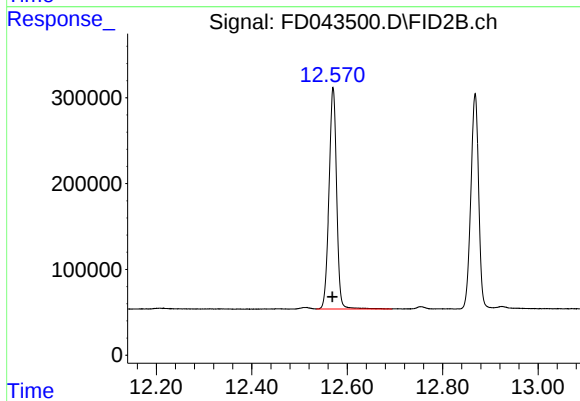
#10 Anthracene (C19.43)

R.T.: 10.831 min
Delta R.T.: -0.002 min
Response: 2626713
Conc: 17.05 ug/ml



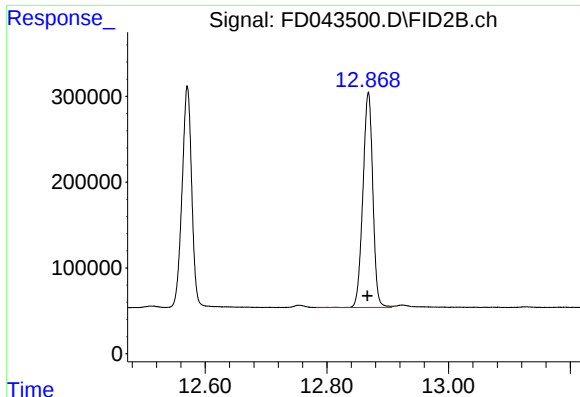
#11 ortho-Terphenyl (SURR)

R.T.: 11.524 min
Delta R.T.: -0.001 min
Response: 3131208
Conc: 18.47 ug/ml



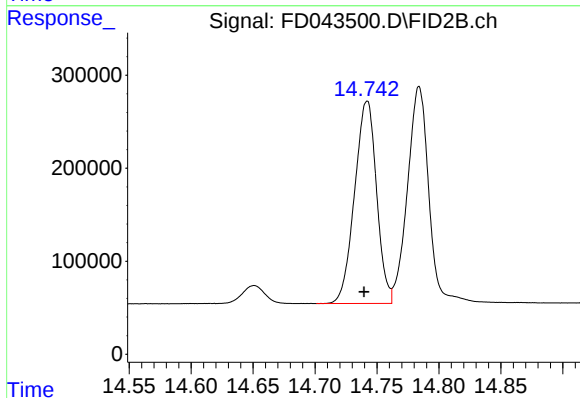
#12 Fluoranthene (C21.85)

R.T.: 12.571 min
Delta R.T.: 0.001 min
Response: 2876179
Conc: 18.16 ug/ml



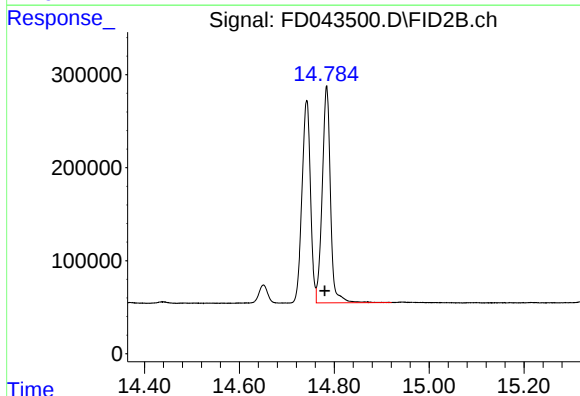
#13 Pyrene (C20.8)

R.T.: 12.868 min
Delta R.T.: 0.002 min
Response: 2833981
Conc: 18.03 ug/ml



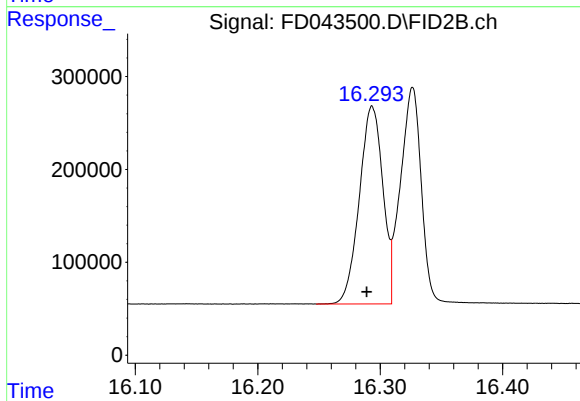
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.742 min
Delta R.T.: 0.002 min
Response: 2686847
Conc: 18.21 ug/ml



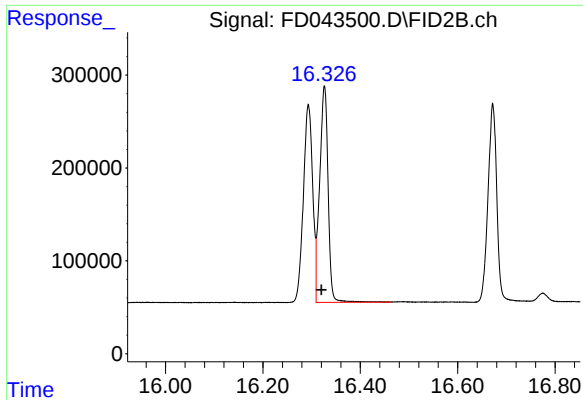
#15 Chrysene (C27.41)

R.T.: 14.784 min
Delta R.T.: 0.004 min
Response: 2826071
Conc: 18.09 ug/ml



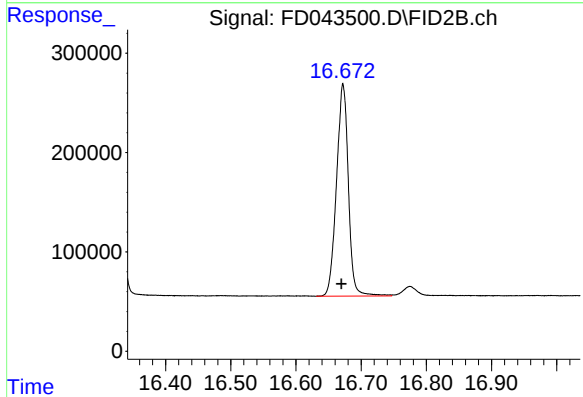
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.294 min
Delta R.T.: 0.005 min
Response: 2839397
Conc: 18.98 ug/ml



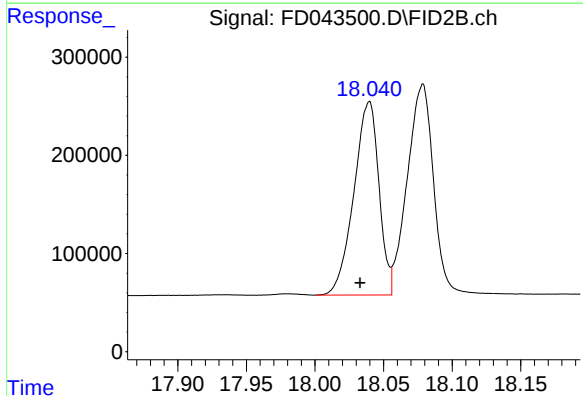
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.326 min
Delta R.T.: 0.006 min
Response: 2784976
Conc: 18.56 ug/ml



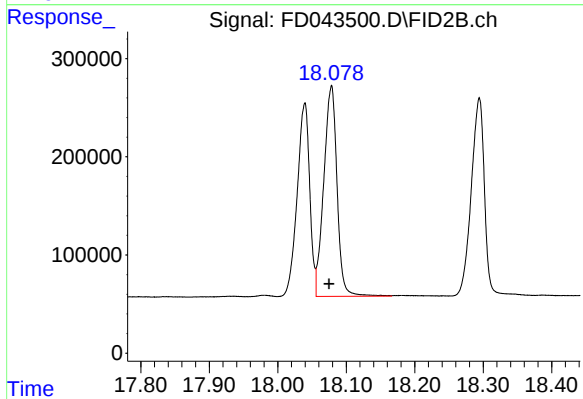
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.672 min
Delta R.T.: 0.003 min
Response: 2697702
Conc: 19.09 ug/ml



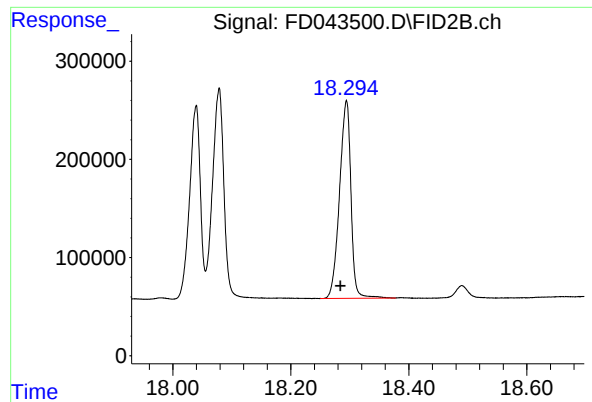
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.039 min
Delta R.T.: 0.006 min
Response: 2505877
Conc: 21.20 ug/ml



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

R.T.: 18.078 min
Delta R.T.: 0.003 min
Response: 2886847
Conc: 20.35 ug/ml



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

R.T.: 18.294 min
Delta R.T.: 0.010 min
Response: 2702633
Conc: 20.78 ug/ml