

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100322AR\
 Data File : FD044021.D
 Signal(s) : FID2B.ch
 Acq On : 03 Oct 2022 17:30
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 04 07:05:36 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 091522.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 14 19:37:45 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...	7.420	3057925	23.240 ug/ml
Spiked Amount 50.000		Recovery =	46.48%
6) S 2-Fluorobiphenyl (SURR)	8.276	1680182	23.291 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	46.58%
11) S ortho-Terphenyl (SURR)	11.305	3918246	21.033 ug/ml
Spiked Amount 50.000		Recovery =	42.07%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.233	3664846	24.386 ug/mlm
2) T Naphthalene (C11.7)	5.762	3522184	24.735 ug/mlm
3) T 2-Methylnaphthalene (...)	6.807	3510772	23.999 ug/ml
5) T Acenaphthylene (C15.06)	8.076	3277401	21.240 ug/ml
7) T Acenaphthene (C15.5)	8.367	3666148	20.949 ug/ml
8) T Flouorene (C16.55)	9.148	3055973	20.791 ug/ml
9) T Phenanthrene (C19.36)	10.540	2927769	20.232 ug/ml
10) T Anthracene (C19.43)	10.617	2845047	19.386 ug/ml
12) T Fluoranthene (C21.85)	12.344	2946741	19.212 ug/ml
13) T Pyrene (C20.8)	12.639	2914325	19.591 ug/ml
14) T Benzo[a]anthracene (C...	14.507	2355379	21.070 ug/ml
15) T Chrysene (C27.41)	14.548	3013211	19.280 ug/ml
16) T benzo[b]fluoranthene ...	16.052	2246310	19.262 ug/ml
17) T Bnezo[k]fluoranthene ...	16.083	2954317	19.899 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.434	2326834	19.210 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.798	1391513	14.635 ug/mlm
20) T Dibenz[a,h]anthracene...	17.837	1957008	16.291 ug/ml
21) T Benzo[g,h,i]perylene ...	18.044	1956182	17.166 ug/ml

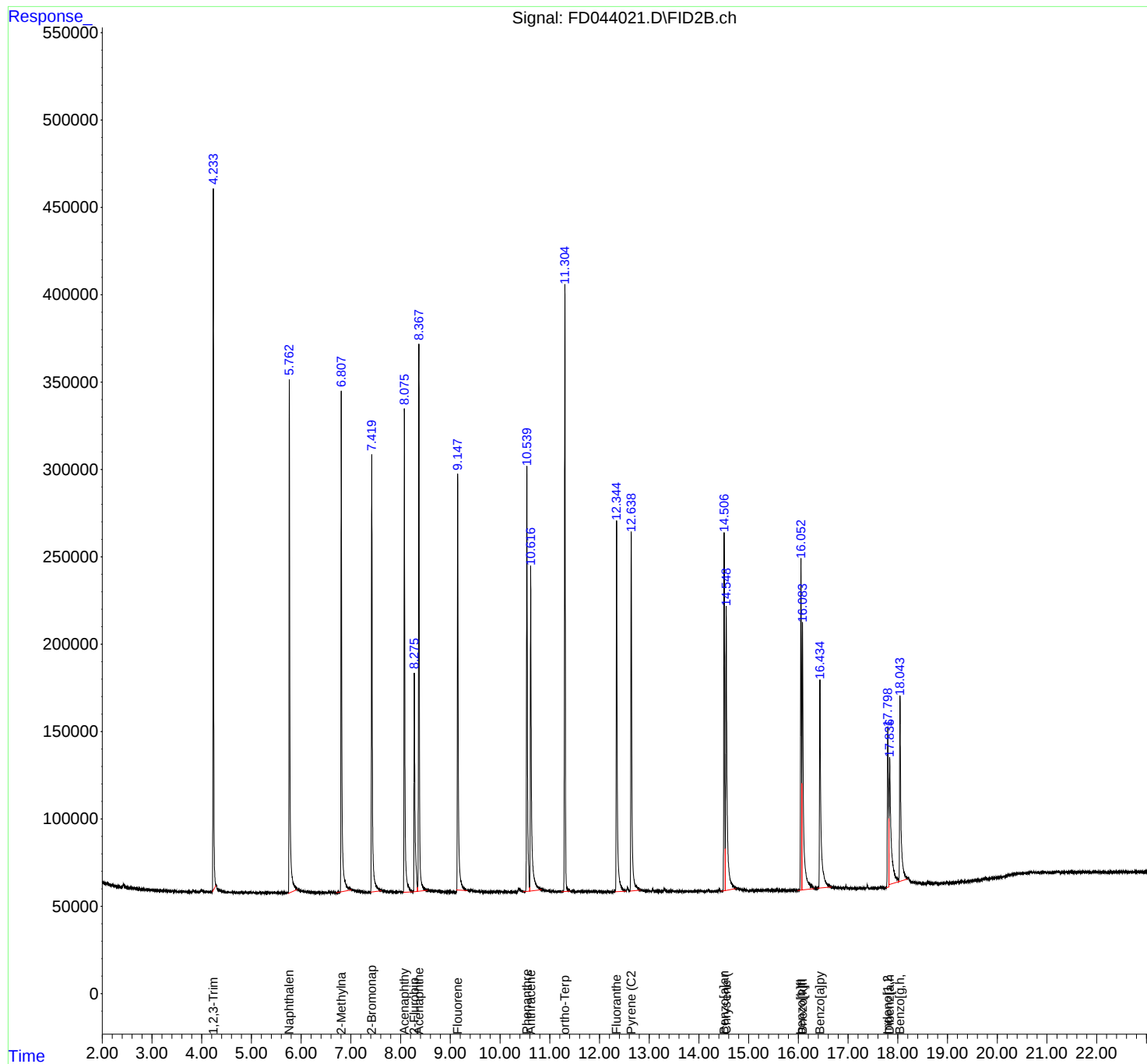
(f)=RT Delta > 1/2 Window

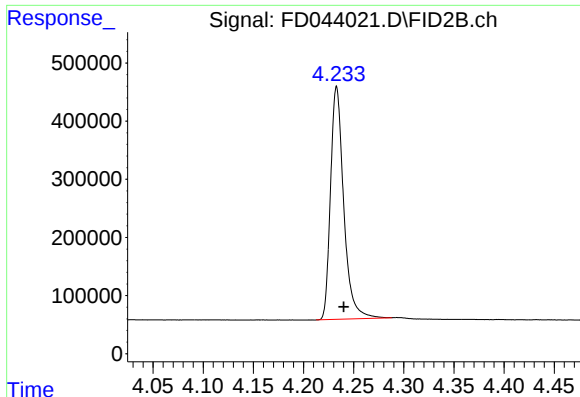
(m)=manual int.

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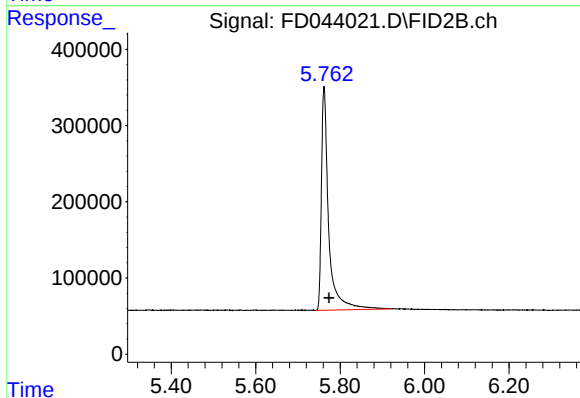
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Signal Info : 20M x 0.18mm x 0.18µm





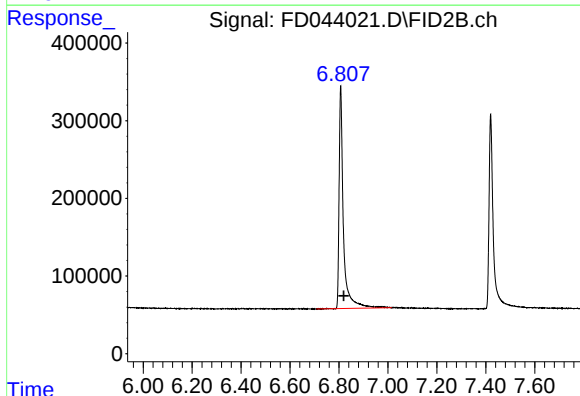
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.233 min
Delta R.T.: -0.007 min
Response: 3664846
Conc: 24.39 ug/ml m



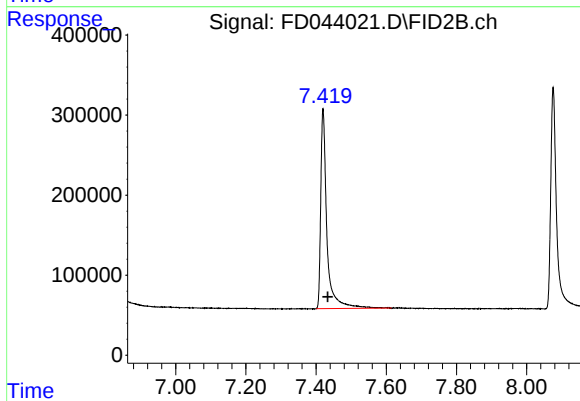
#2 Naphthalene (C11.7)

R.T.: 5.762 min
Delta R.T.: -0.012 min
Response: 3522184
Conc: 24.73 ug/ml m



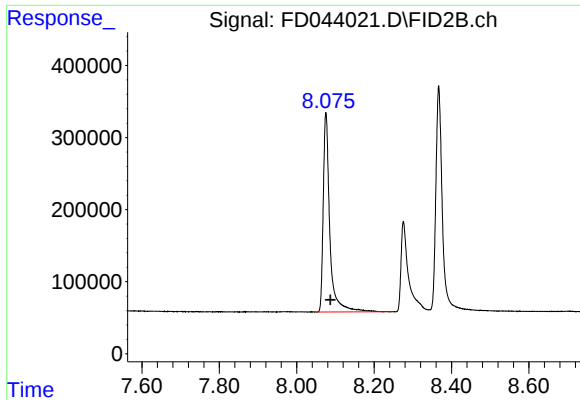
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.807 min
Delta R.T.: -0.012 min
Response: 3510772
Conc: 24.00 ug/ml



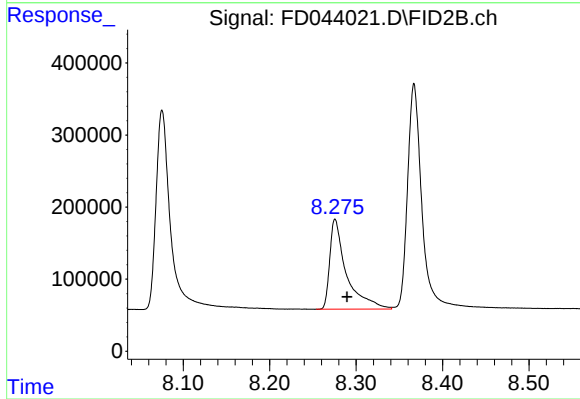
#4 2-Bromonaphthalene (SURR)

R.T.: 7.420 min
Delta R.T.: -0.013 min
Response: 3057925
Conc: 23.24 ug/ml



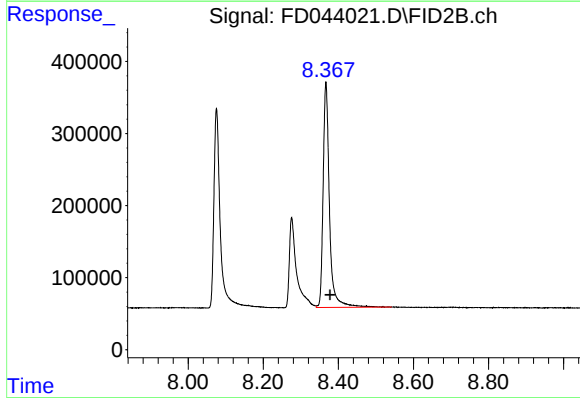
#5 Acenaphthylene (C15.06)

R.T.: 8.076 min
Delta R.T.: -0.012 min
Response: 3277401
Conc: 21.24 ug/ml



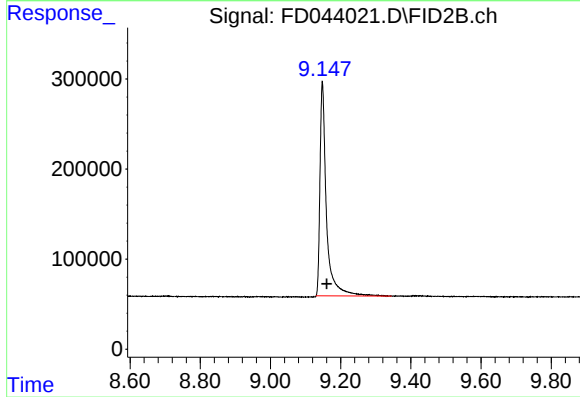
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.276 min
Delta R.T.: -0.013 min
Response: 1680182
Conc: 23.29 ug/ml



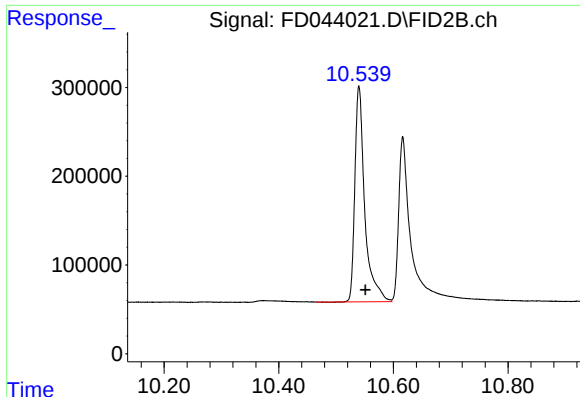
#7 Acenaphthene (C15.5)

R.T.: 8.367 min
Delta R.T.: -0.011 min
Response: 3666148
Conc: 20.95 ug/ml



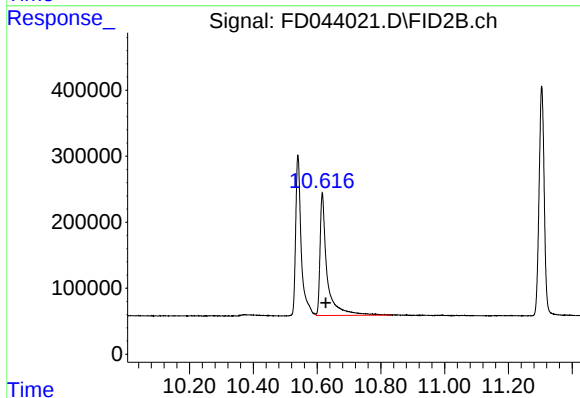
#8 Flouorene (C16.55)

R.T.: 9.148 min
Delta R.T.: -0.012 min
Response: 3055973
Conc: 20.79 ug/ml



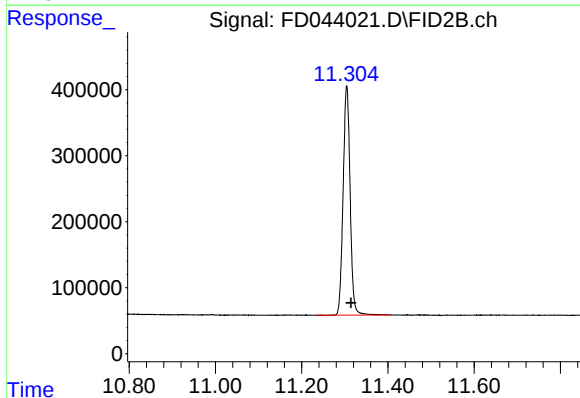
#9 Phenanthrene (C19.36)

R.T.: 10.540 min
Delta R.T.: -0.011 min
Response: 2927769
Conc: 20.23 ug/ml



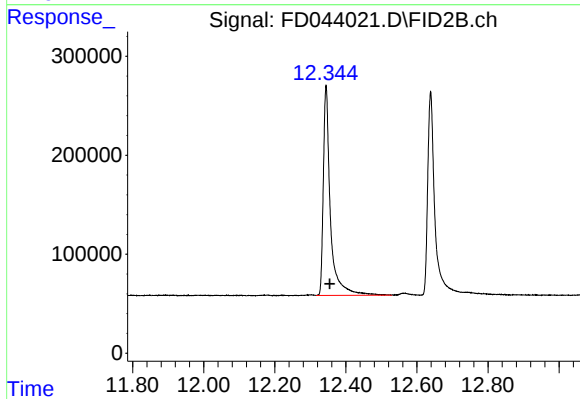
#10 Anthracene (C19.43)

R.T.: 10.617 min
Delta R.T.: -0.011 min
Response: 2845047
Conc: 19.39 ug/ml



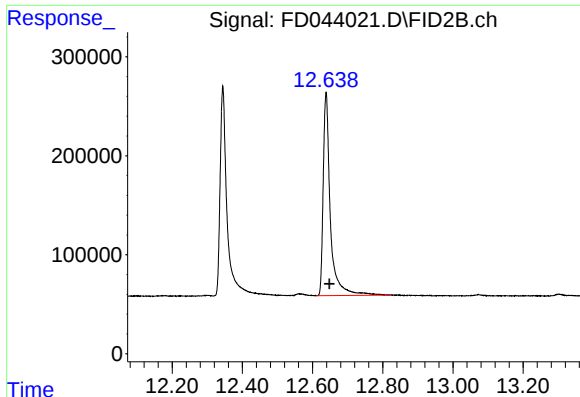
#11 ortho-Terphenyl (SURR)

R.T.: 11.305 min
Delta R.T.: -0.010 min
Response: 3918246
Conc: 21.03 ug/ml



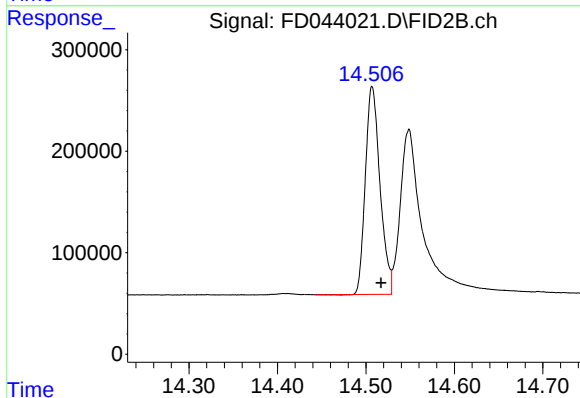
#12 Fluoranthene (C21.85)

R.T.: 12.344 min
Delta R.T.: -0.011 min
Response: 2946741
Conc: 19.21 ug/ml



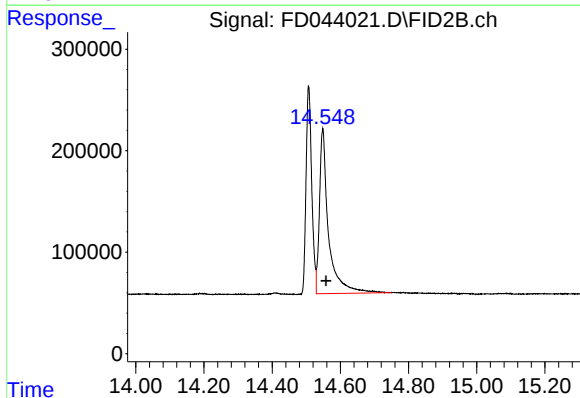
#13 Pyrene (C20.8)

R.T.: 12.639 min
Delta R.T.: -0.010 min
Response: 2914325
Conc: 19.59 ug/ml



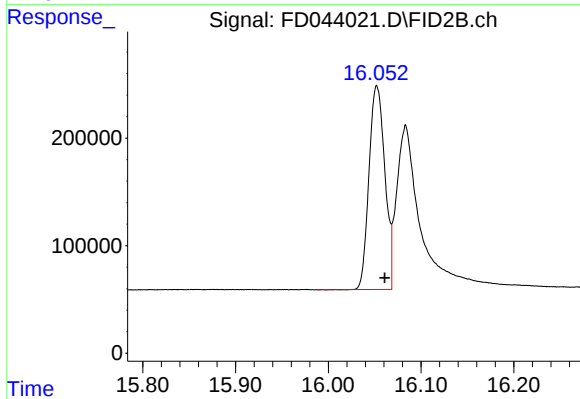
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.507 min
Delta R.T.: -0.010 min
Response: 2355379
Conc: 21.07 ug/ml



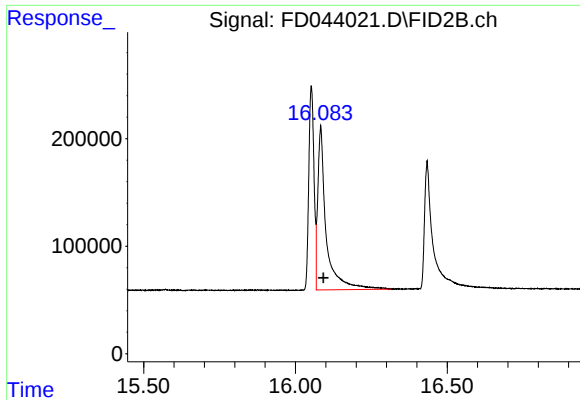
#15 Chrysene (C27.41)

R.T.: 14.548 min
Delta R.T.: -0.010 min
Response: 3013211
Conc: 19.28 ug/ml



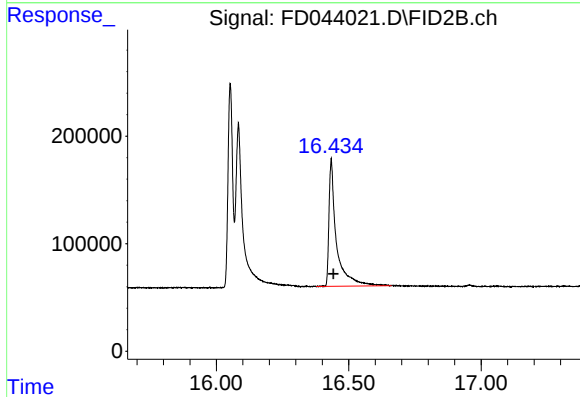
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.052 min
Delta R.T.: -0.008 min
Response: 2246310
Conc: 19.26 ug/ml



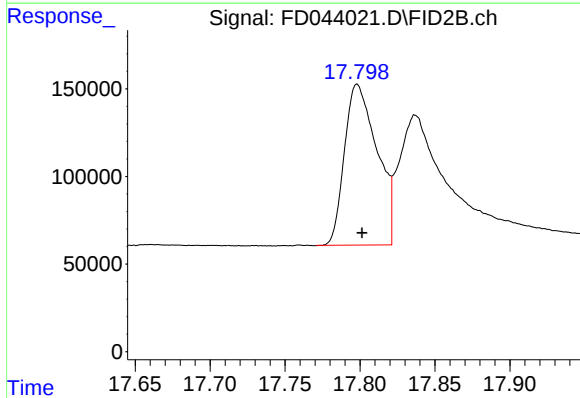
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.083 min
Delta R.T.: -0.009 min
Response: 2954317
Conc: 19.90 ug/ml



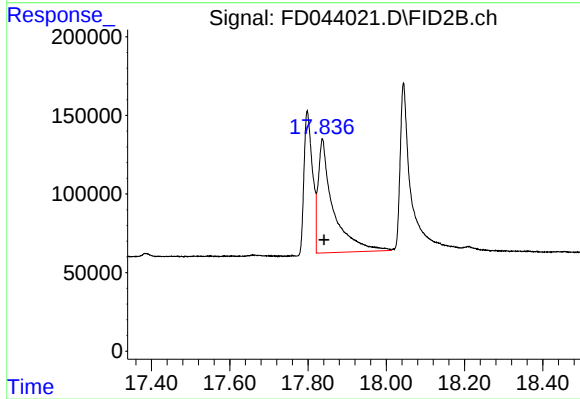
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.434 min
Delta R.T.: -0.008 min
Response: 2326834
Conc: 19.21 ug/ml



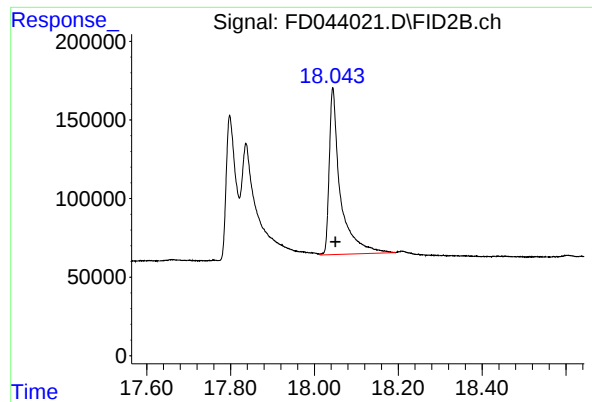
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.798 min
Delta R.T.: -0.003 min
Response: 1391513
Conc: 14.64 ug/ml m



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

R.T.: 17.837 min
Delta R.T.: -0.004 min
Response: 1957008
Conc: 16.29 ug/ml



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

R.T.: 18.044 min
Delta R.T.: -0.006 min
Response: 1956182
Conc: 17.17 ug/ml