

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012423AR\
 Data File : FD044881.D
 Signal(s) : FID2B.ch
 Acq On : 24 Jan 2023 12:54
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 25 01:35:01 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 012323.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 23 15:00:18 2023
 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...	7.558	3042060	20.742 ug/ml
Spiked Amount 50.000		Recovery =	41.48%
6) S 2-Fluorobiphenyl (SURR)	8.413	2070362	20.742 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.48%
11) S ortho-Terphenyl (SURR)	11.453	3853954	20.736 ug/ml
Spiked Amount 50.000		Recovery =	41.47%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.367	3317712	20.784 ug/ml
2) T Naphthalene (C11.7)	5.898	3525095	20.805 ug/ml
3) T 2-Methylnaphthalene (...)	6.947	3545018	20.664 ug/ml
5) T Acenaphthylene (C15.06)	8.217	3272895	20.828 ug/ml
7) T Acenaphthene (C15.5)	8.513	3457032	20.792 ug/ml
8) T Flouorene (C16.55)	9.291	3395804	20.689 ug/ml
9) T Phenanthrene (C19.36)	10.682	3367836	20.830 ug/ml
10) T Anthracene (C19.43)	10.756	3116198	21.020 ug/ml
12) T Fluoranthene (C21.85)	12.487	3319508	20.741 ug/ml
13) T Pyrene (C20.8)	12.782	3253578	20.735 ug/ml
14) T Benzo[a]anthracene (C...	14.648	2928209	20.517 ug/ml
15) T Chrysene (C27.41)	14.691	3032226	20.479 ug/ml
16) T benzo[b]fluoranthene ...	16.192	2976226	20.516 ug/ml
17) T Bnezo[k]fluoranthene ...	16.225	2928704	20.542 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.568	2882044	20.625 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.925	2721898	20.226 ug/ml
20) T Dibenz[a,h]anthracene...	17.967	2645945	19.967 ug/ml
21) T Benzo[g,h,i]perylene ...	18.179	2795695	20.562 ug/ml

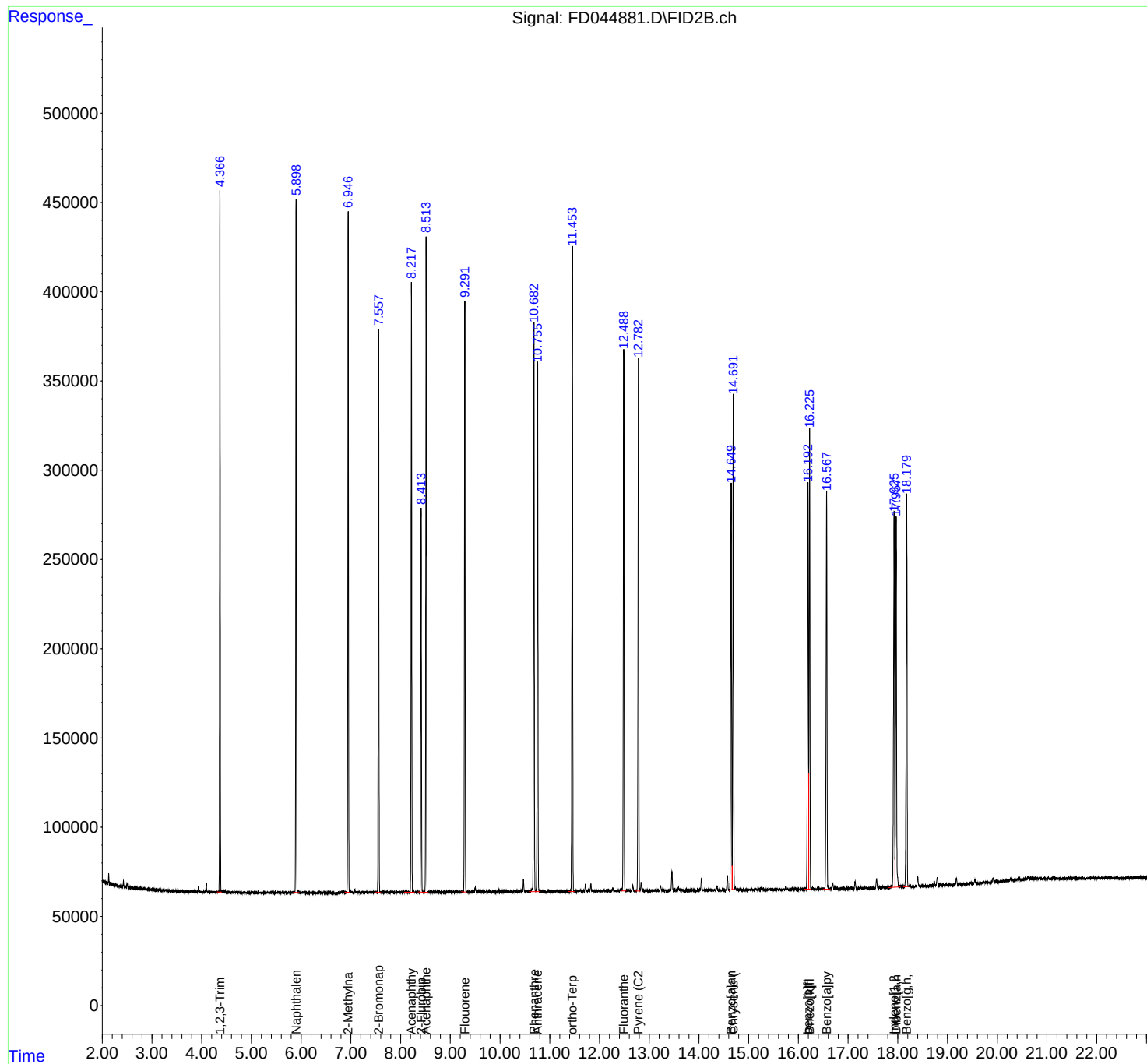
(f)=RT Delta > 1/2 Window

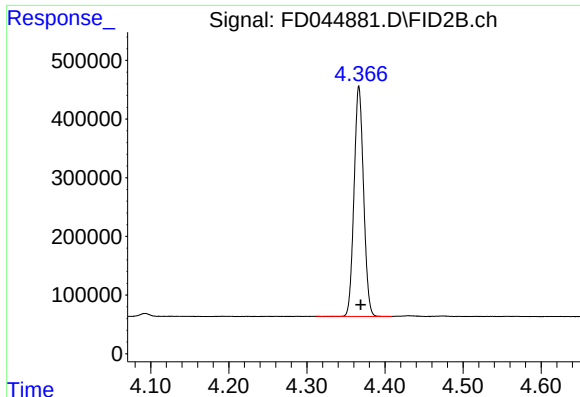
(m)=manual int.

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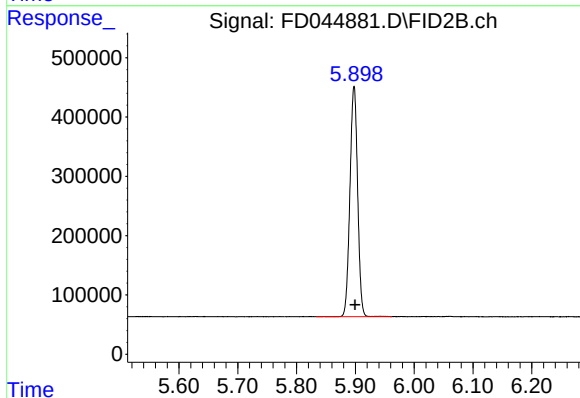
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Signal Info : 20M x 0.18mm x 0.18µm





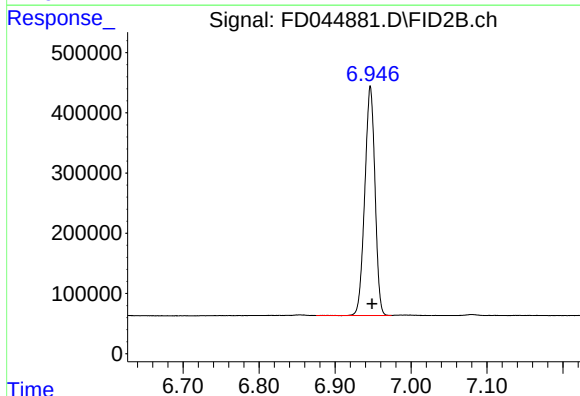
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.367 min
Delta R.T.: -0.002 min
Response: 3317712
Conc: 20.78 ug/ml



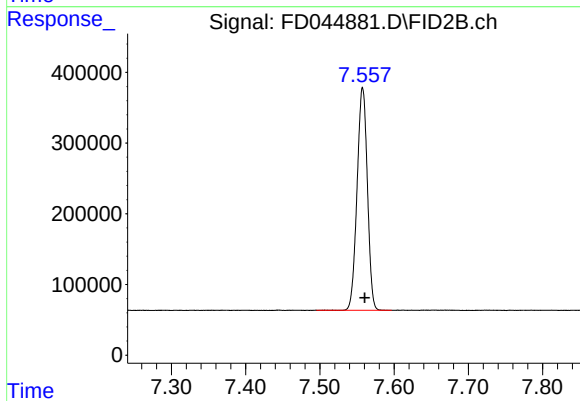
#2 Naphthalene (C11.7)

R.T.: 5.898 min
Delta R.T.: -0.002 min
Response: 3525095
Conc: 20.81 ug/ml



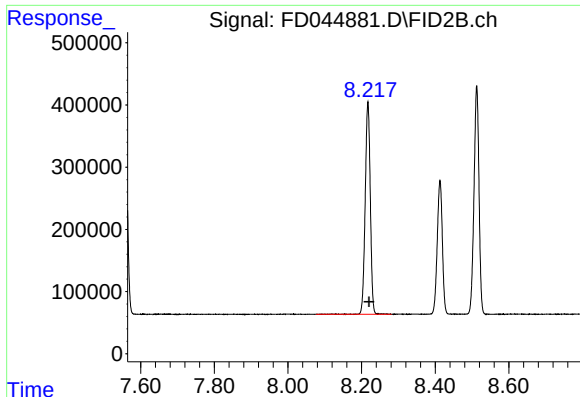
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.947 min
Delta R.T.: -0.002 min
Response: 3545018
Conc: 20.66 ug/ml



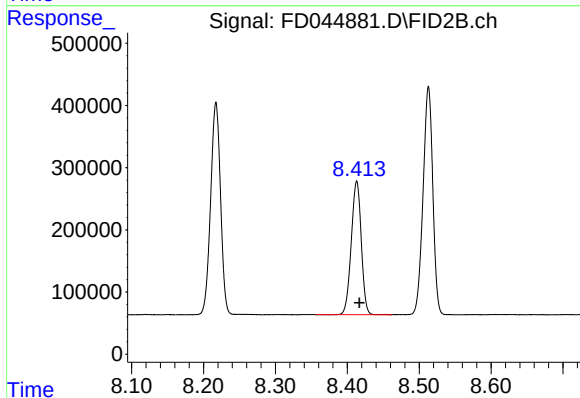
#4 2-Bromonaphthalene (SURR)

R.T.: 7.558 min
Delta R.T.: -0.003 min
Response: 3042060
Conc: 20.74 ug/ml



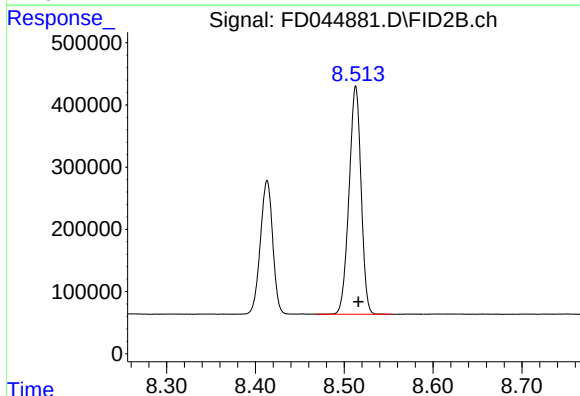
#5 Acenaphthylene (C15.06)

R.T.: 8.217 min
Delta R.T.: -0.003 min
Response: 3272895
Conc: 20.83 ug/ml



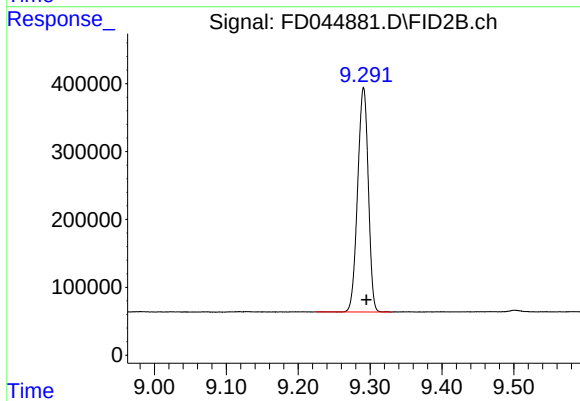
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.413 min
Delta R.T.: -0.004 min
Response: 2070362
Conc: 20.74 ug/ml



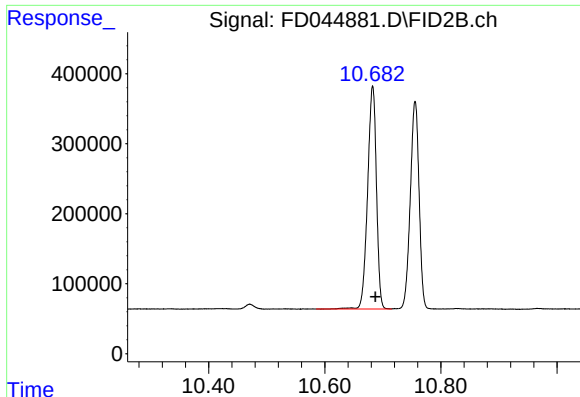
#7 Acenaphthene (C15.5)

R.T.: 8.513 min
Delta R.T.: -0.003 min
Response: 3457032
Conc: 20.79 ug/ml



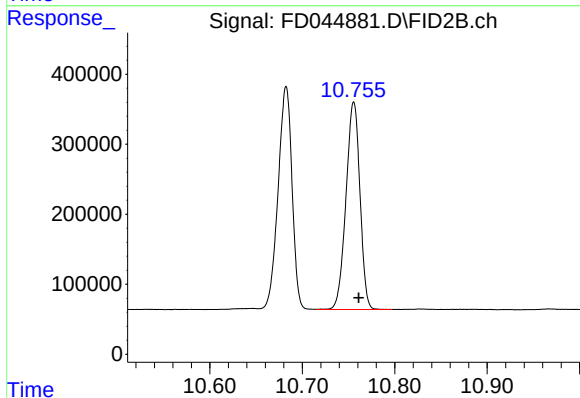
#8 Fluorene (C16.55)

R.T.: 9.291 min
Delta R.T.: -0.004 min
Response: 3395804
Conc: 20.69 ug/ml



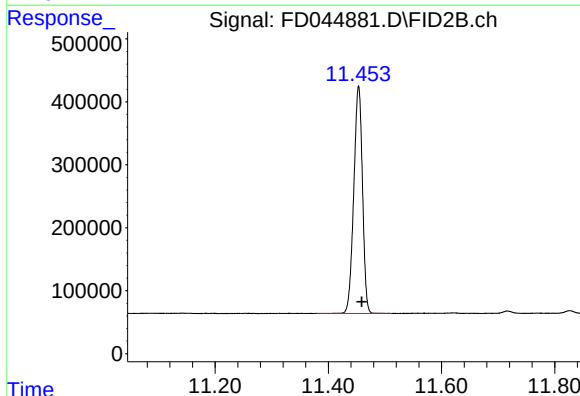
#9 Phenanthrene (C19.36)

R.T.: 10.682 min
Delta R.T.: -0.005 min
Response: 3367836
Conc: 20.83 ug/ml



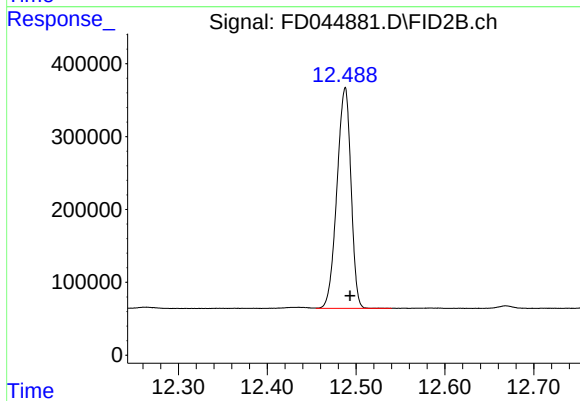
#10 Anthracene (C19.43)

R.T.: 10.756 min
Delta R.T.: -0.005 min
Response: 3116198
Conc: 21.02 ug/ml



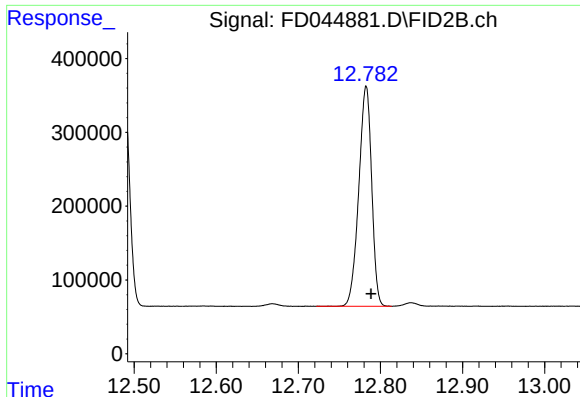
#11 ortho-Terphenyl (SURR)

R.T.: 11.453 min
Delta R.T.: -0.006 min
Response: 3853954
Conc: 20.74 ug/ml



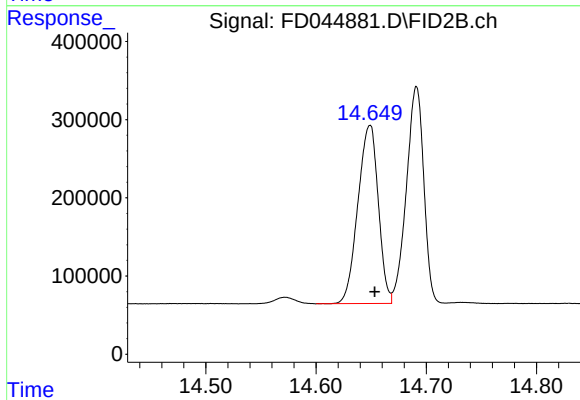
#12 Fluoranthene (C21.85)

R.T.: 12.487 min
Delta R.T.: -0.006 min
Response: 3319508
Conc: 20.74 ug/ml



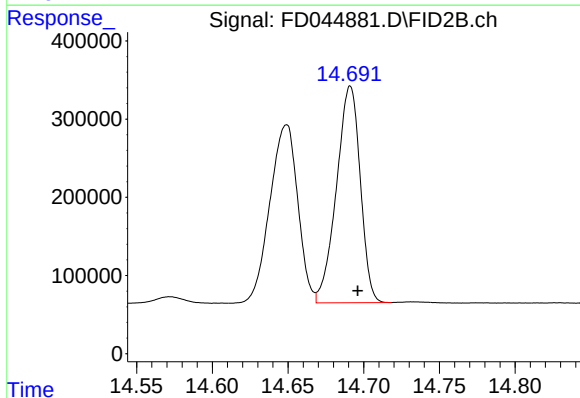
#13 Pyrene (C20.8)

R.T.: 12.782 min
Delta R.T.: -0.006 min
Response: 3253578
Conc: 20.73 ug/ml



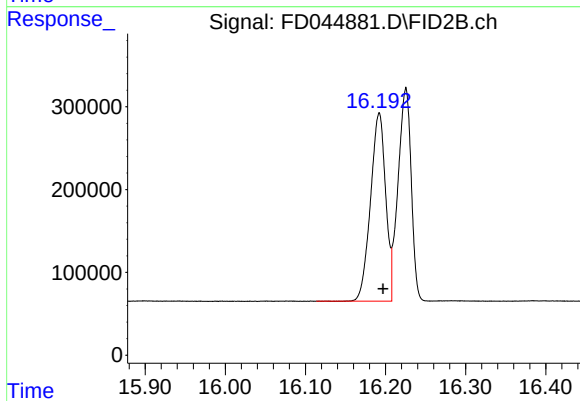
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.648 min
Delta R.T.: -0.005 min
Response: 2928209
Conc: 20.52 ug/ml



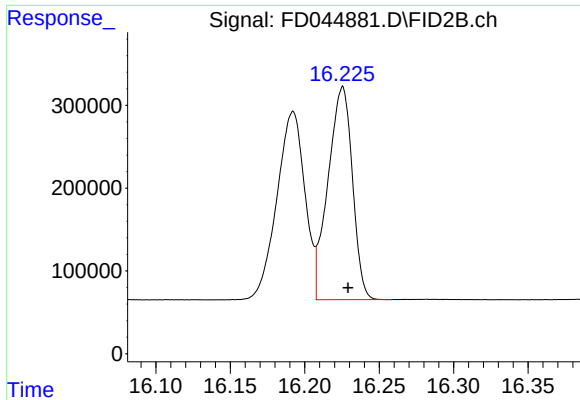
#15 Chrysene (C27.41)

R.T.: 14.691 min
Delta R.T.: -0.005 min
Response: 3032226
Conc: 20.48 ug/ml



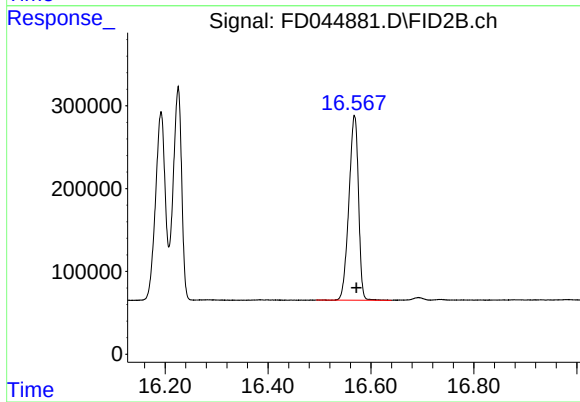
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.192 min
Delta R.T.: -0.005 min
Response: 2976226
Conc: 20.52 ug/ml



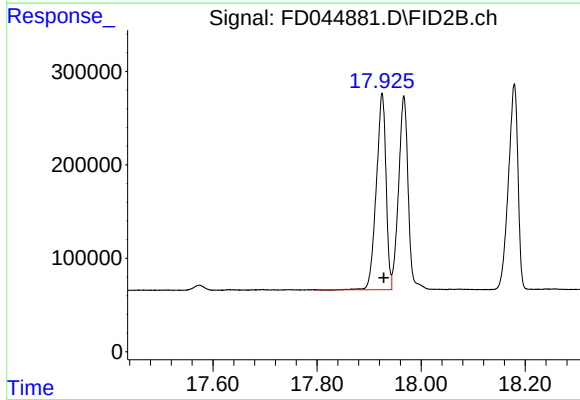
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.225 min
Delta R.T.: -0.004 min
Response: 2928704
Conc: 20.54 ug/ml



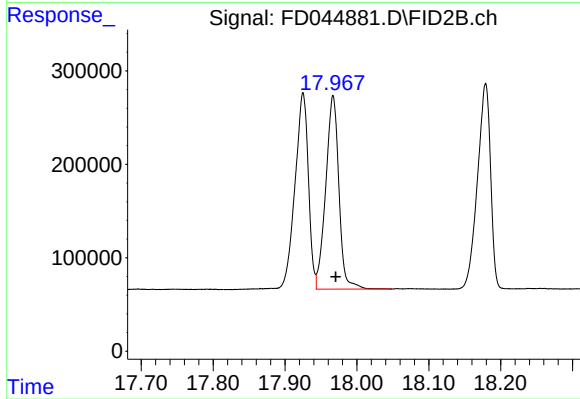
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.568 min
Delta R.T.: -0.004 min
Response: 2882044
Conc: 20.62 ug/ml



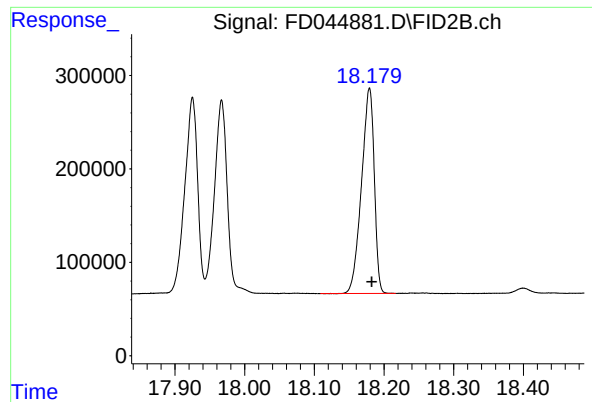
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.925 min
Delta R.T.: -0.003 min
Response: 2721898
Conc: 20.23 ug/ml



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

R.T.: 17.967 min
Delta R.T.: -0.004 min
Response: 2645945
Conc: 19.97 ug/ml



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

R.T.: 18.179 min
Delta R.T.: -0.003 min
Response: 2795695
Conc: 20.56 ug/ml