

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060622AR\
 Data File : FD042781.D
 Signal(s) : FID2B.CH
 Acq On : 06 Jun 2022 17:37
 Operator : UA/NP
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Jun 07 02:04:51 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 01 10:34:31 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	7.663	3169400	20.741 ug/ml
Spiked Amount 50.000		Recovery =	41.48%
6) S 2-Fluorobiphenyl (SURR)	8.528	2084525	20.268 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.54%
11) S ortho-Terphenyl (SURR)	11.577	3471672	19.556 ug/ml
Spiked Amount 50.000		Recovery =	39.11%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.455	3562732	21.279 ug/ml
2) T Naphthalene (C11.7)	5.998	3644408	21.079 ug/ml
3) T 2-Methylnaphthalene (...)	7.052	3318041	20.807 ug/ml
5) T Acenaphthylene (C15.06)	8.331	3470619	20.088 ug/ml
7) T Acenaphthene (C15.5)	8.627	3488890	20.276 ug/ml
8) T Fluorene (C16.55)	9.410	3369339	20.070 ug/ml
9) T Phenanthrene (C19.36)	10.809	3177956	19.326 ug/ml
10) T Anthracene (C19.43)	10.883	2866757	18.756 ug/ml
12) T Fluoranthene (C21.85)	12.624	2917374	18.518 ug/ml
13) T Pyrene (C20.8)	12.921	2849102	18.300 ug/ml
14) T Benzo[a]anthracene (C...	14.794	2540292	19.052 ug/ml
15) T Chrysene (C27.41)	14.836	2514573	19.033 ug/ml
16) T benzo[b]fluoranthene ...	16.346	2646519	19.866 ug/ml
17) T Bnezo[k]fluoranthene ...	16.379	2501755	20.199 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.725	2522849	20.383 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.091	2388944	21.433 ug/ml
20) T Dibenz[a,h]anthracene...	18.132	2490024	22.385 ug/ml
21) T Benzo[g,h,i]perylene ...	18.347	2551936	21.471 ug/ml

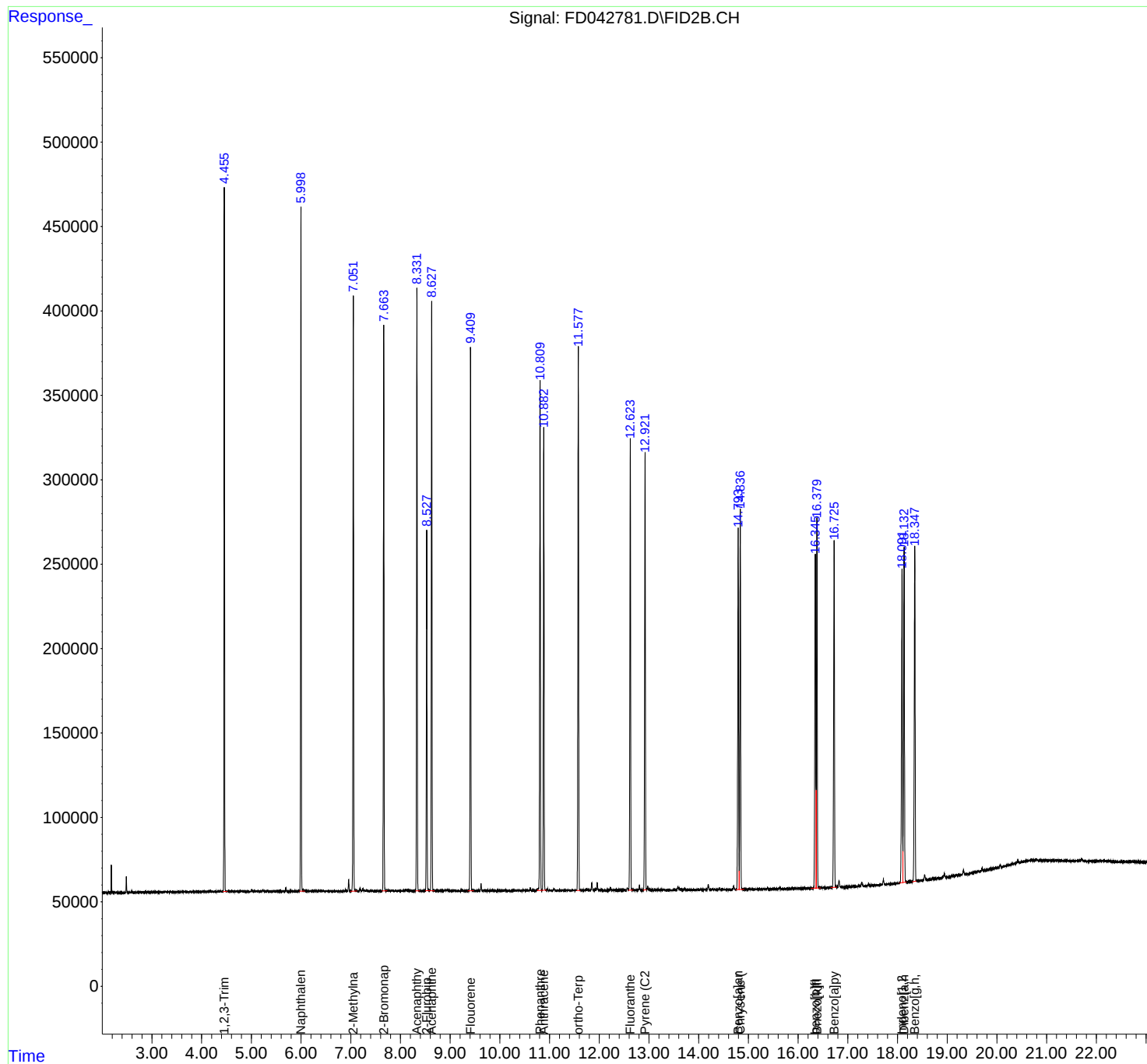
(f)=RT Delta > 1/2 Window

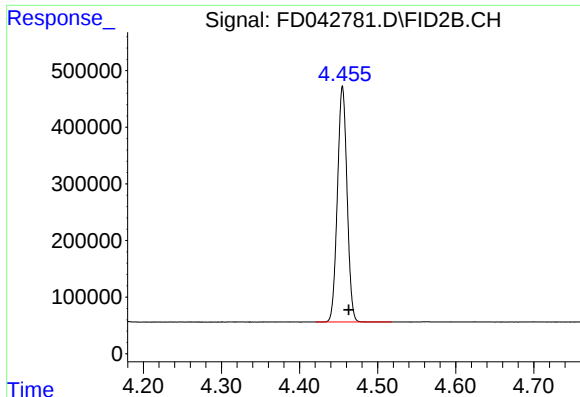
(m)=manual int.

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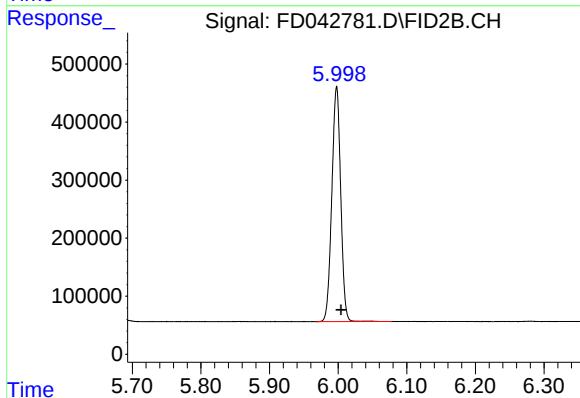
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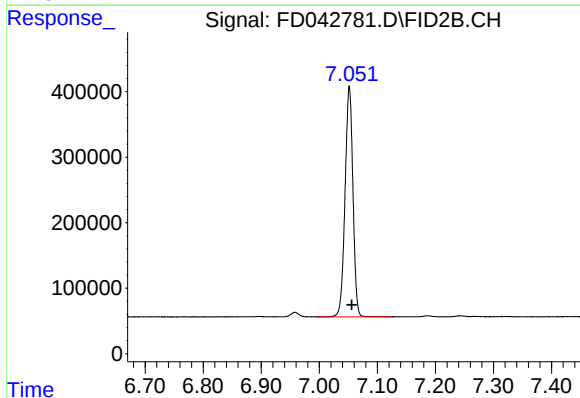
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.455 min
Delta R.T.: -0.008 min
Response: 3562732
Conc: 21.28 ug/ml



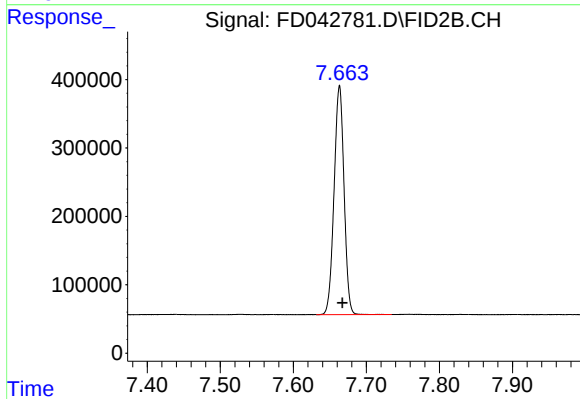
#2 Naphthalene (C11.7)

R.T.: 5.998 min
Delta R.T.: -0.006 min
Response: 3644408
Conc: 21.08 ug/ml



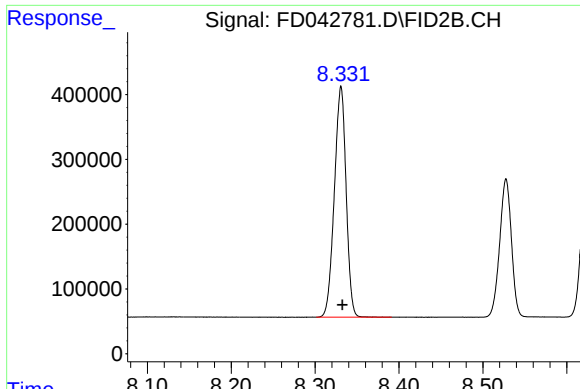
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.052 min
Delta R.T.: -0.004 min
Response: 3318041
Conc: 20.81 ug/ml



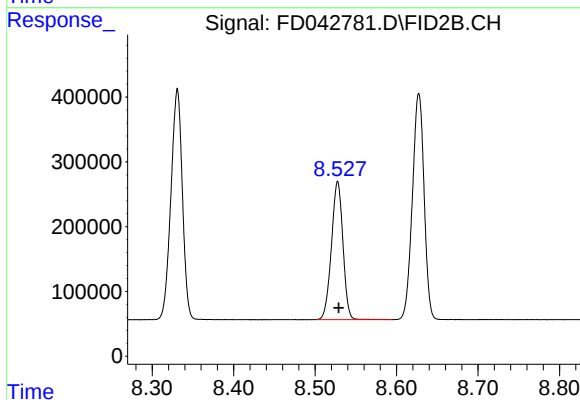
#4 2-Bromonaphthalene (SURR)

R.T.: 7.663 min
Delta R.T.: -0.004 min
Response: 3169400
Conc: 20.74 ug/ml



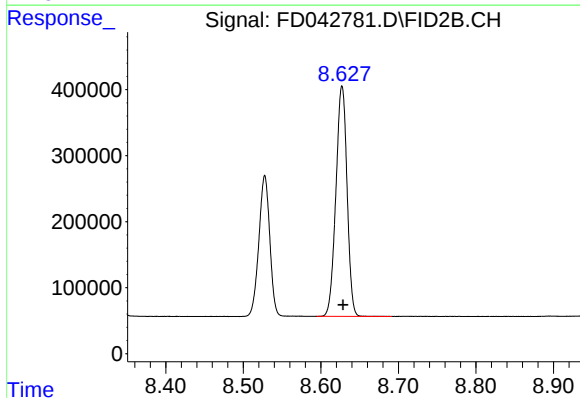
#5 Acenaphthylene (C15.06)

R.T.: 8.331 min
Delta R.T.: -0.002 min
Response: 3470619
Conc: 20.09 ug/ml



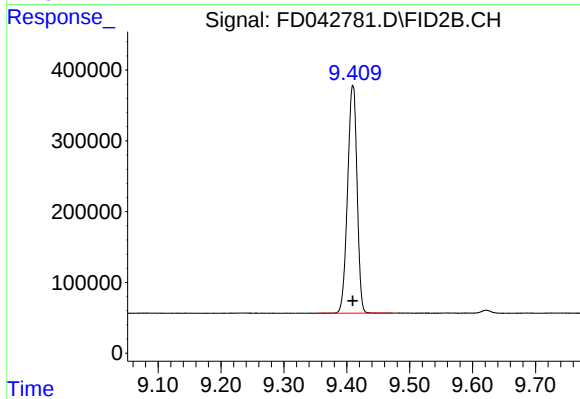
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.528 min
Delta R.T.: -0.002 min
Response: 2084525
Conc: 20.27 ug/ml



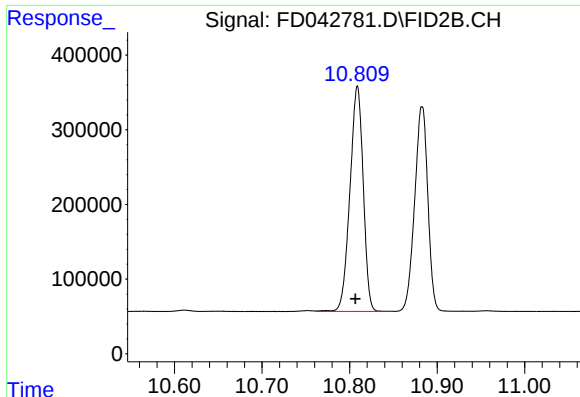
#7 Acenaphthene (C15.5)

R.T.: 8.627 min
Delta R.T.: -0.001 min
Response: 3488890
Conc: 20.28 ug/ml



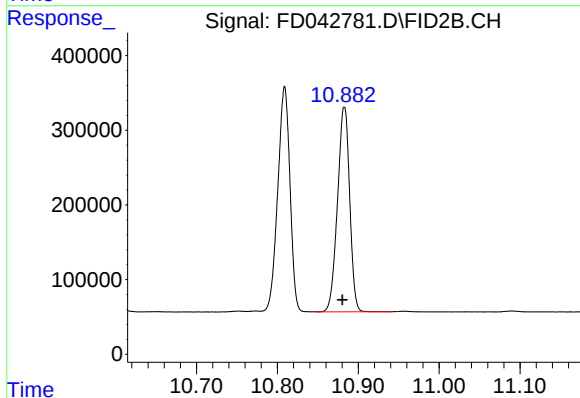
#8 Fluorene (C16.55)

R.T.: 9.410 min
Delta R.T.: 0.000 min
Response: 3369339
Conc: 20.07 ug/ml



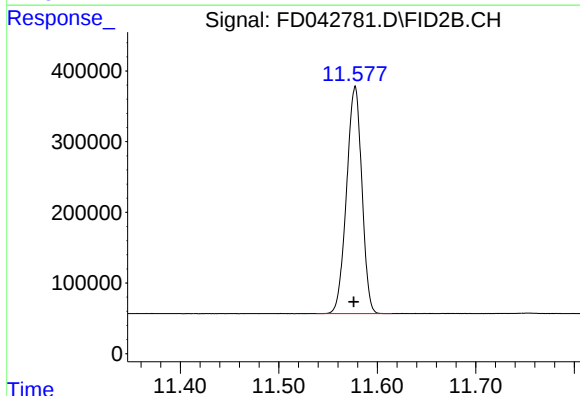
#9 Phenanthrene (C19.36)

R.T.: 10.809 min
Delta R.T.: 0.002 min
Response: 3177956
Conc: 19.33 ug/ml



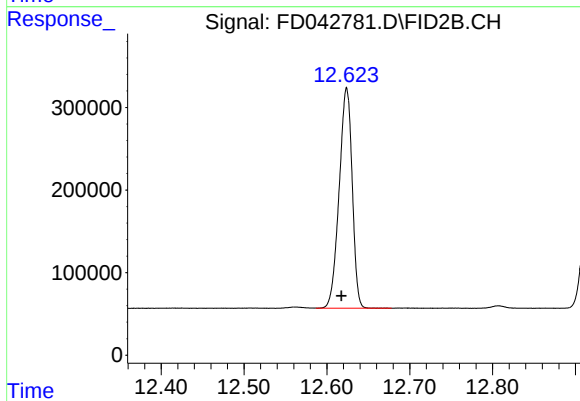
#10 Anthracene (C19.43)

R.T.: 10.883 min
Delta R.T.: 0.002 min
Response: 2866757
Conc: 18.76 ug/ml



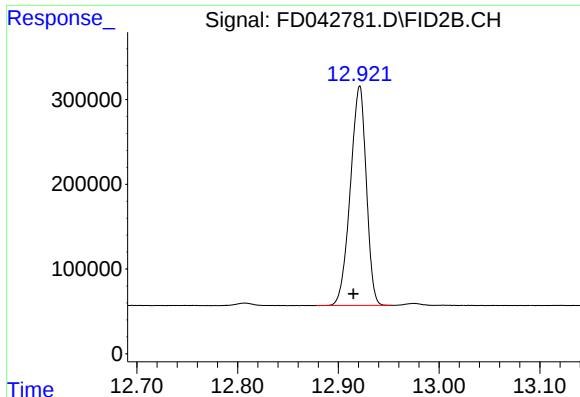
#11 ortho-Terphenyl (SURR)

R.T.: 11.577 min
Delta R.T.: 0.001 min
Response: 3471672
Conc: 19.56 ug/ml



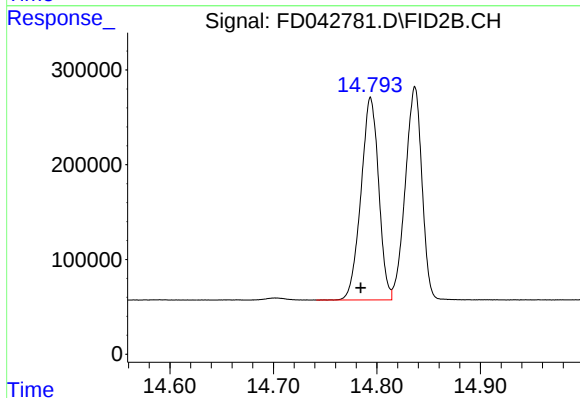
#12 Fluoranthene (C21.85)

R.T.: 12.624 min
Delta R.T.: 0.006 min
Response: 2917374
Conc: 18.52 ug/ml



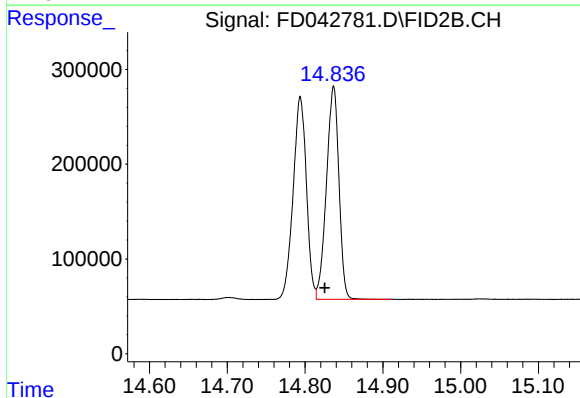
#13 Pyrene (C20.8)

R.T.: 12.921 min
Delta R.T.: 0.006 min
Response: 2849102
Conc: 18.30 ug/ml



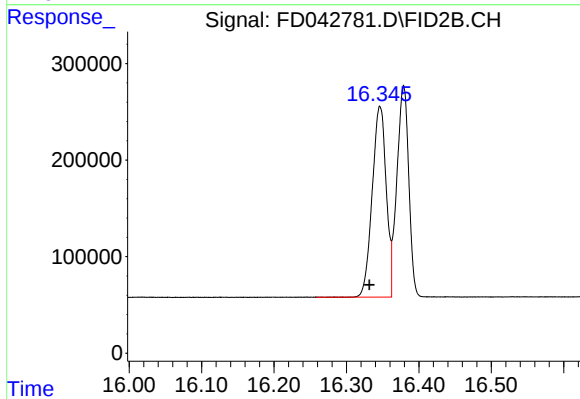
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.794 min
Delta R.T.: 0.010 min
Response: 2540292
Conc: 19.05 ug/ml



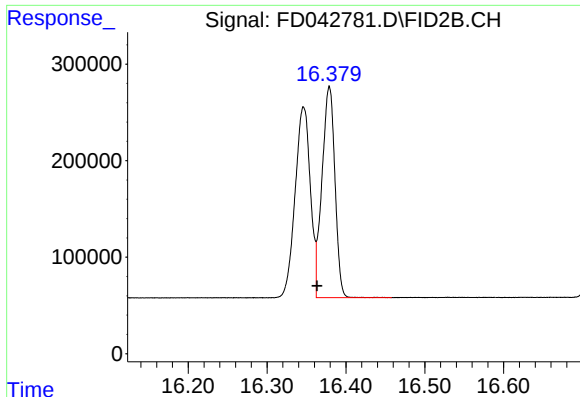
#15 Chrysene (C27.41)

R.T.: 14.836 min
Delta R.T.: 0.011 min
Response: 2514573
Conc: 19.03 ug/ml



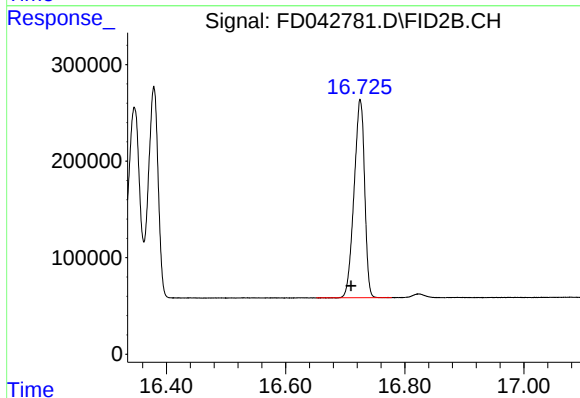
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.346 min
Delta R.T.: 0.014 min
Response: 2646519
Conc: 19.87 ug/ml



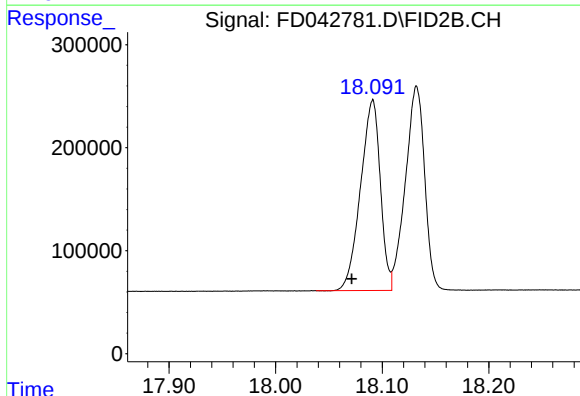
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.379 min
Delta R.T.: 0.016 min
Response: 2501755
Conc: 20.20 ug/ml



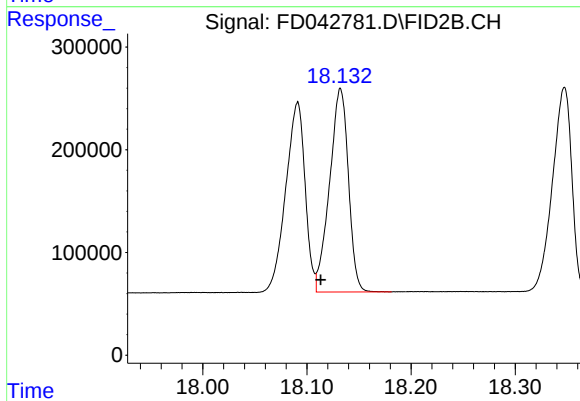
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.725 min
Delta R.T.: 0.015 min
Response: 2522849
Conc: 20.38 ug/ml



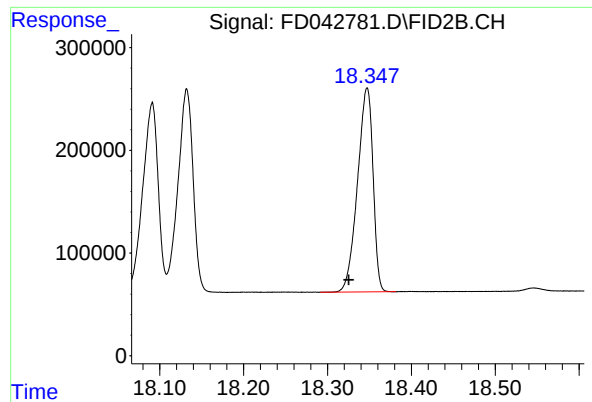
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.091 min
Delta R.T.: 0.019 min
Response: 2388944
Conc: 21.43 ug/ml



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

R.T.: 18.132 min
Delta R.T.: 0.019 min
Response: 2490024
Conc: 22.39 ug/ml



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

R.T.: 18.347 min
Delta R.T.: 0.022 min
Response: 2551936
Conc: 21.47 ug/ml