

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030420AR\
 Data File : FD032490.D
 Signal(s) : FID2B.CH
 Acq On : 04 Mar 2020 19:40
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 05 00:37:24 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030320.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 04 03:14:19 2020
 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...	7.623	2761161	21.363 ug/ml
Spiked Amount 50.000		Recovery =	42.73%
6) S 2-Fluorobiphenyl (SURR)	8.484	1890429	21.414 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.83%
11) S ortho-Terphenyl (SURR)	11.522	2886661	20.819 ug/ml
Spiked Amount 50.000		Recovery =	41.64%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.427	2888735	21.717 ug/ml
2) T Naphthalene (C11.7)	5.964	3065741	21.577 ug/ml
3) T 2-Methylnaphthalene (...)	7.014	3055947	21.528 ug/ml
5) T Acenaphthylene (C15.06)	8.287	2895257	21.165 ug/ml
7) T Acenaphthene (C15.5)	8.582	3005377	21.287 ug/ml
8) T Fluorene (C16.55)	9.361	2982200	21.274 ug/ml
9) T Phenanthrene (C19.36)	10.756	2943315	21.062 ug/ml
10) T Anthracene (C19.43)	10.830	2878424	20.559 ug/ml
12) T Fluoranthene (C21.85)	12.566	2923048	20.841 ug/ml
13) T Pyrene (C20.8)	12.862	2872714	20.893 ug/ml
14) T Benzo[a]anthracene (C...	14.732	2658083	20.370 ug/ml
15) T Chrysene (C27.41)	14.774	2713536	20.157 ug/ml
16) T benzo[b]fluoranthene ...	16.281	2557882	19.939 ug/ml
17) T Bnezo[k]fluoranthene ...	16.313	2589643	19.727 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.659	2515039	19.743 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.023	2320647	19.475 ug/ml
20) T Dibenz[a,h]anthracene...	18.062	2480756	19.620 ug/ml
21) T Benzo[g,h,i]perylene ...	18.277	2330031	19.710 ug/ml

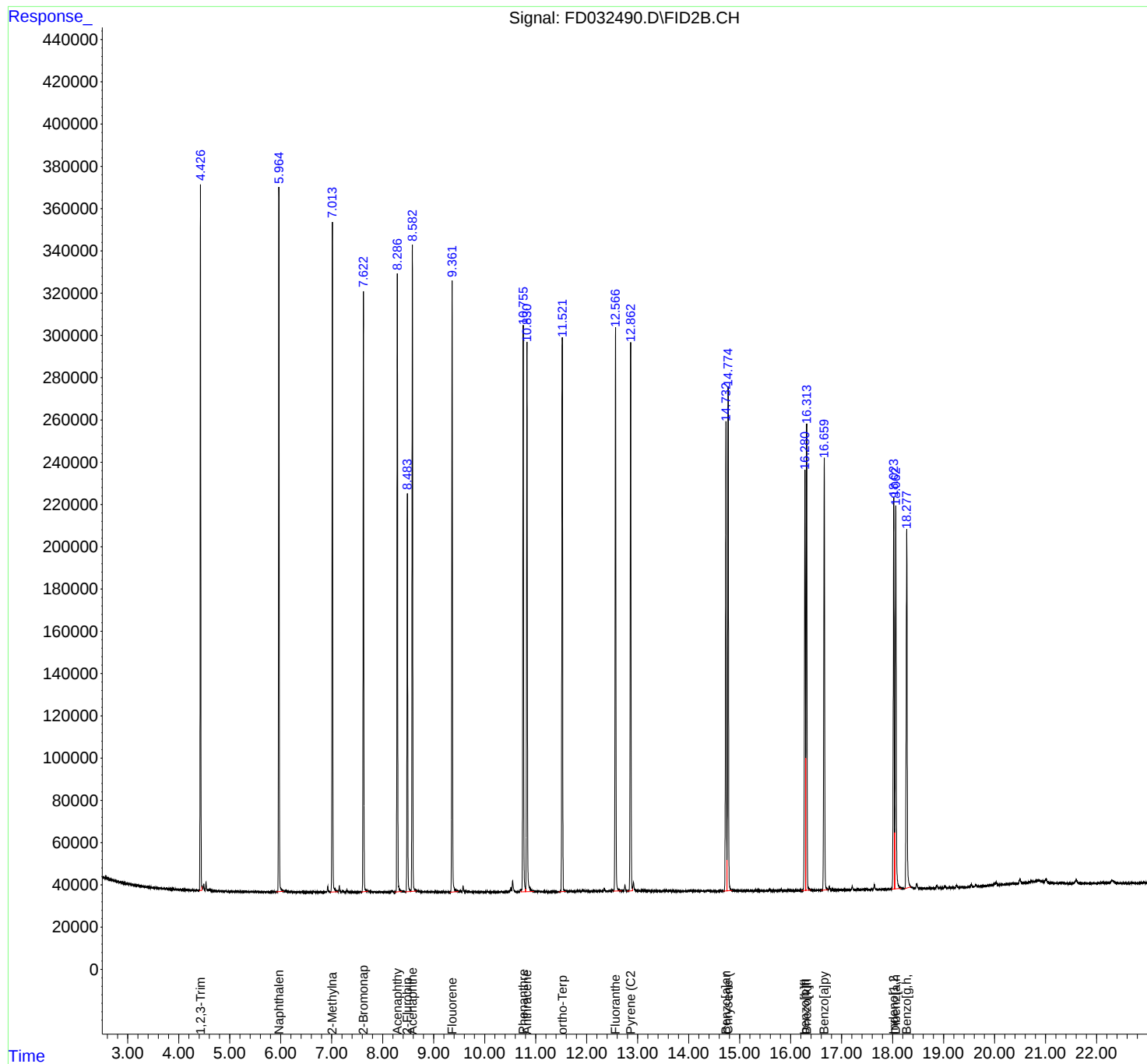
(f)=RT Delta > 1/2 Window

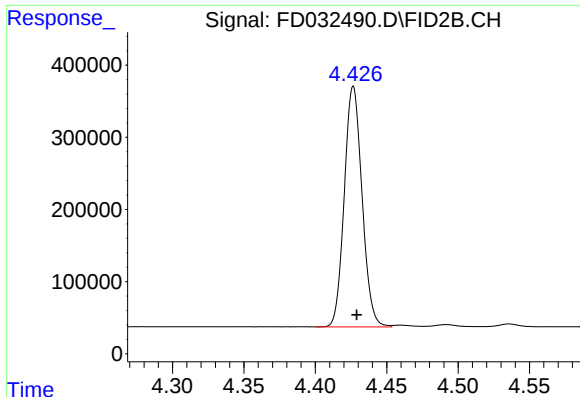
(m)=manual int.

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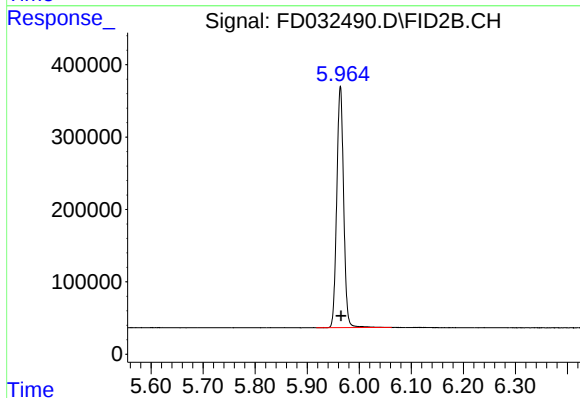
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





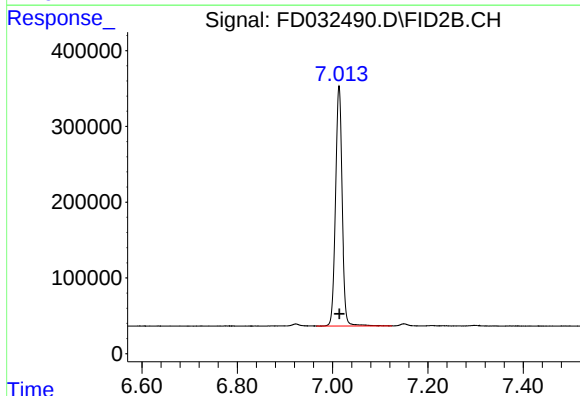
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.427 min
Delta R.T.: -0.002 min
Response: 2888735
Conc: 21.72 ug/ml



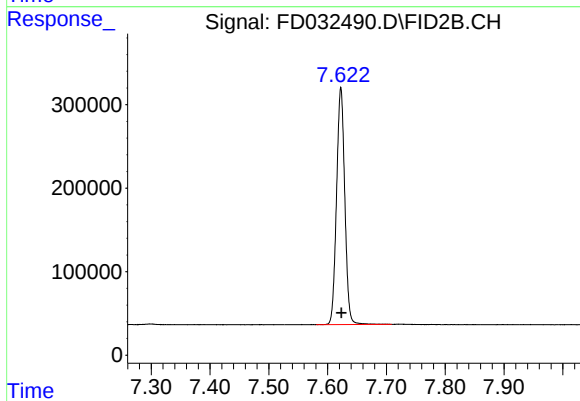
#2 Naphthalene (C11.7)

R.T.: 5.964 min
Delta R.T.: -0.001 min
Response: 3065741
Conc: 21.58 ug/ml



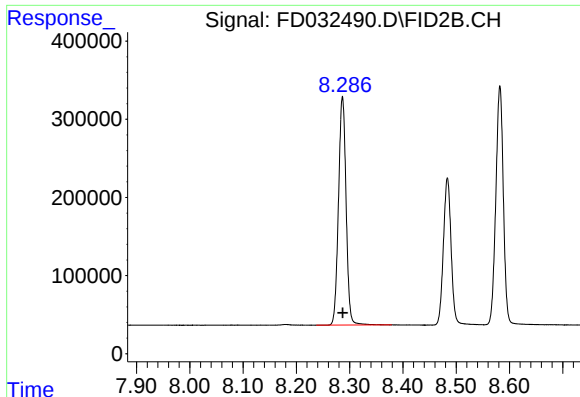
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.014 min
Delta R.T.: 0.000 min
Response: 3055947
Conc: 21.53 ug/ml



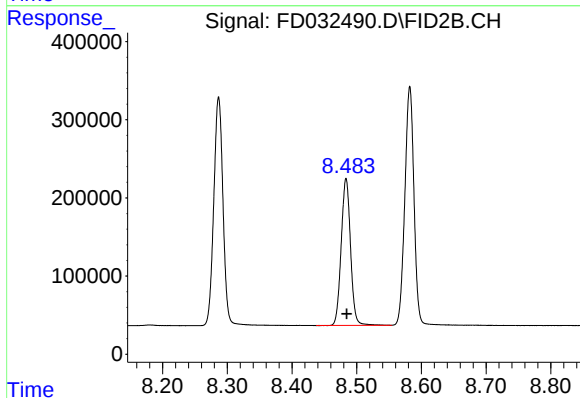
#4 2-Bromonaphthalene (SURR)

R.T.: 7.623 min
Delta R.T.: 0.000 min
Response: 2761161
Conc: 21.36 ug/ml



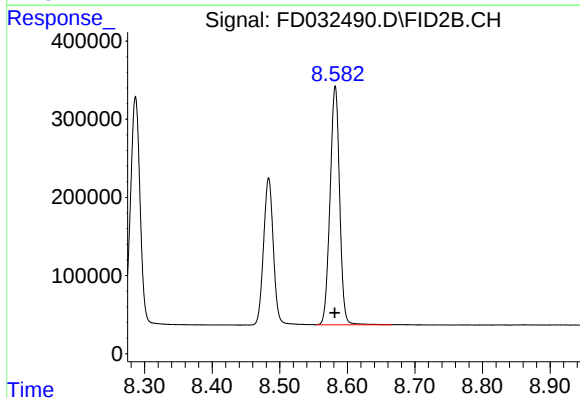
#5 Acenaphthylene (C15.06)

R.T.: 8.287 min
Delta R.T.: 0.000 min
Response: 2895257
Conc: 21.17 ug/ml



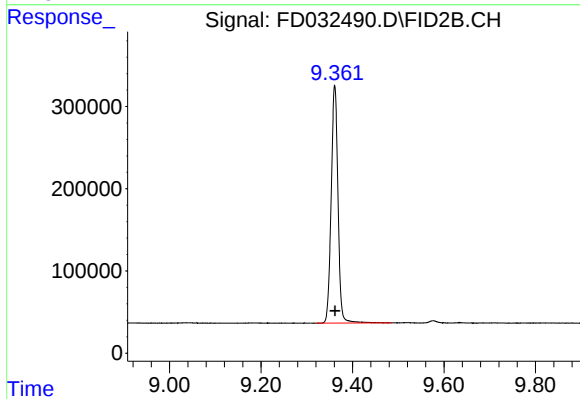
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.484 min
Delta R.T.: 0.000 min
Response: 1890429
Conc: 21.41 ug/ml



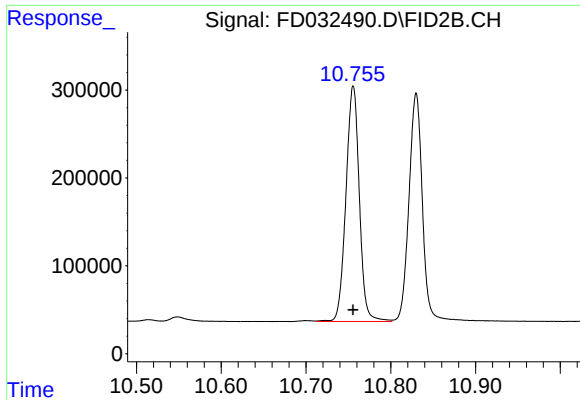
#7 Acenaphthene (C15.5)

R.T.: 8.582 min
Delta R.T.: 0.000 min
Response: 3005377
Conc: 21.29 ug/ml



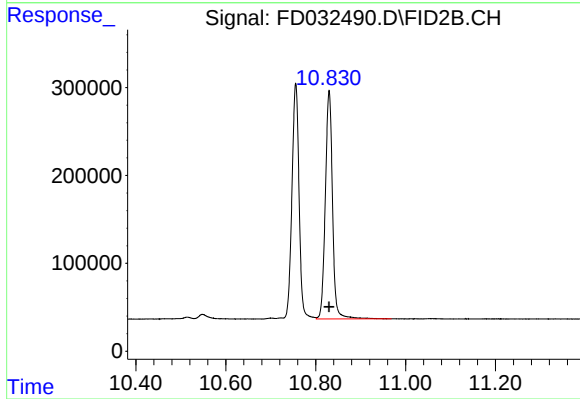
#8 Fluorene (C16.55)

R.T.: 9.361 min
Delta R.T.: 0.000 min
Response: 2982200
Conc: 21.27 ug/ml



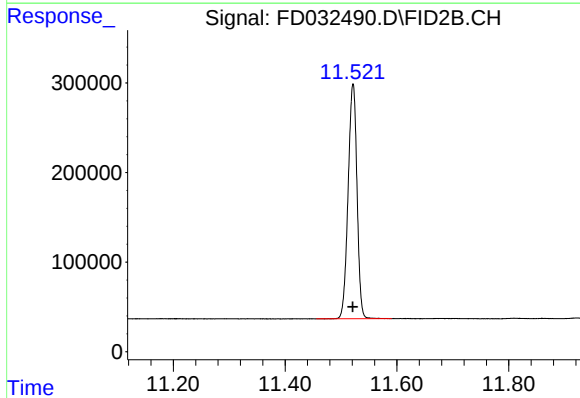
#9 Phenanthrene (C19.36)

R.T.: 10.756 min
Delta R.T.: 0.000 min
Response: 2943315
Conc: 21.06 ug/ml



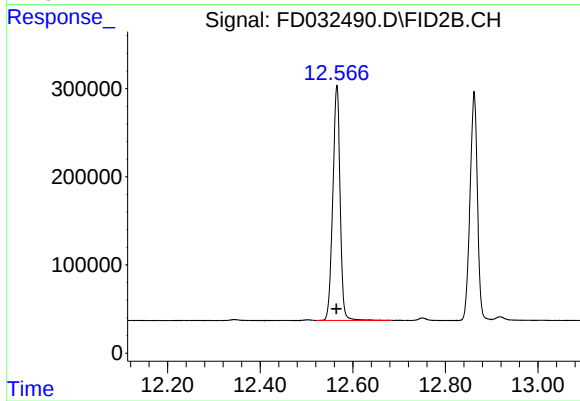
#10 Anthracene (C19.43)

R.T.: 10.830 min
Delta R.T.: 0.000 min
Response: 2878424
Conc: 20.56 ug/ml



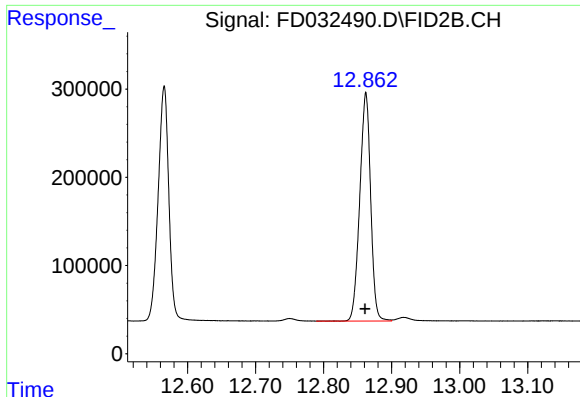
#11 ortho-Terphenyl (SURR)

R.T.: 11.522 min
Delta R.T.: 0.000 min
Response: 2886661
Conc: 20.82 ug/ml



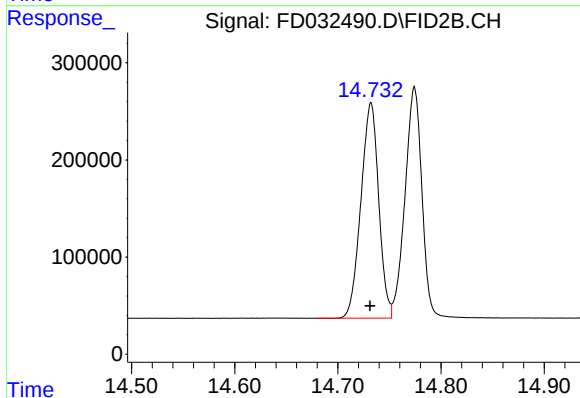
#12 Fluoranthene (C21.85)

R.T.: 12.566 min
Delta R.T.: 0.000 min
Response: 2923048
Conc: 20.84 ug/ml



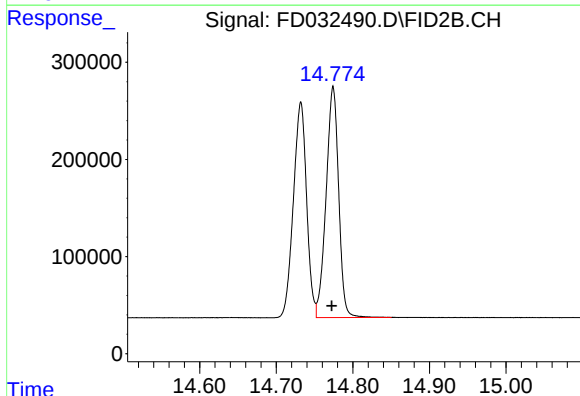
#13 Pyrene (C20.8)

R.T.: 12.862 min
Delta R.T.: 0.001 min
Response: 2872714
Conc: 20.89 ug/ml



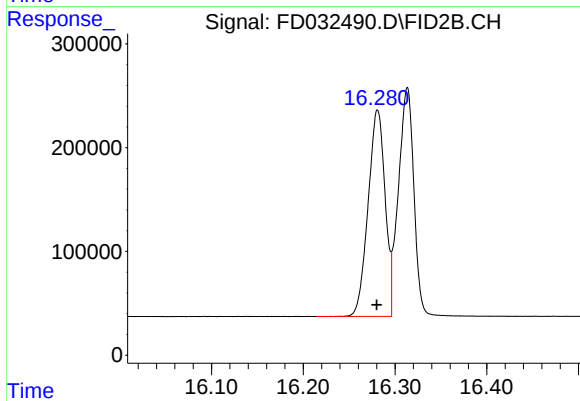
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.732 min
Delta R.T.: 0.000 min
Response: 2658083
Conc: 20.37 ug/ml



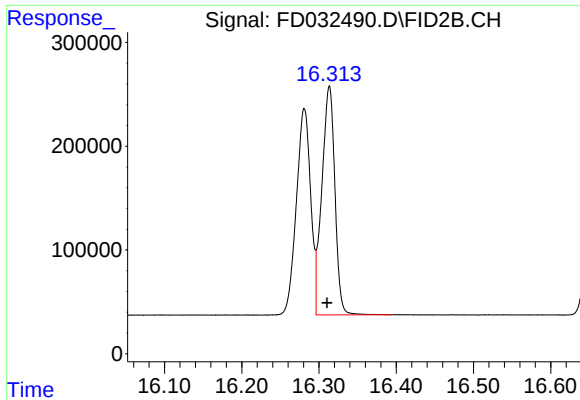
#15 Chrysene (C27.41)

R.T.: 14.774 min
Delta R.T.: 0.002 min
Response: 2713536
Conc: 20.16 ug/ml



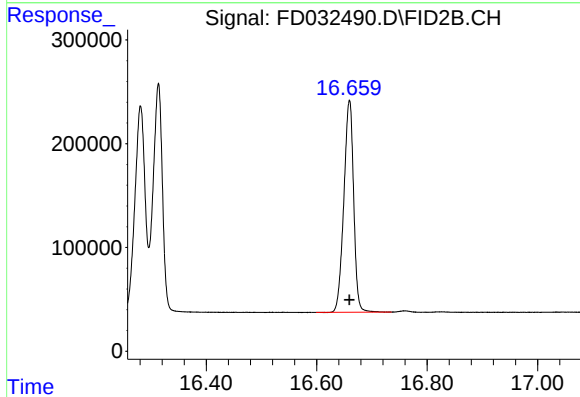
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.281 min
Delta R.T.: 0.000 min
Response: 2557882
Conc: 19.94 ug/ml



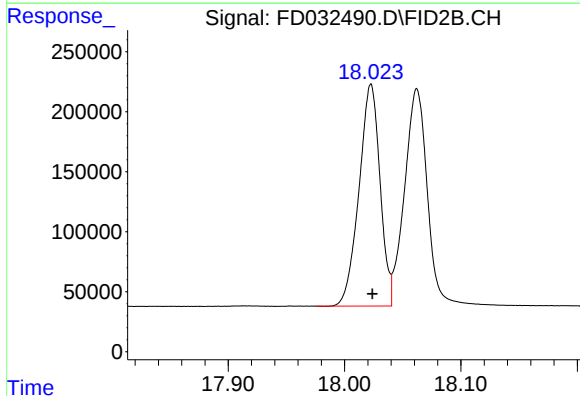
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.313 min
Delta R.T.: 0.003 min
Response: 2589643
Conc: 19.73 ug/ml



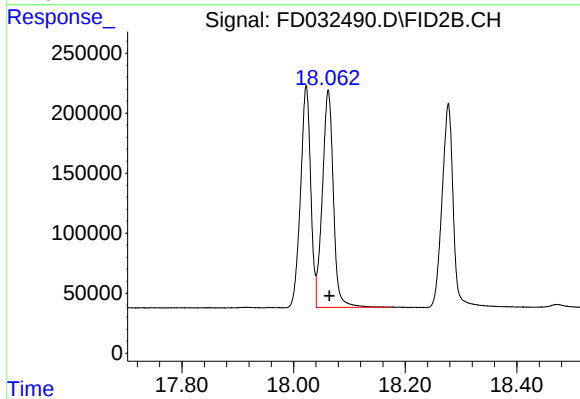
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.659 min
Delta R.T.: 0.000 min
Response: 2515039
Conc: 19.74 ug/ml



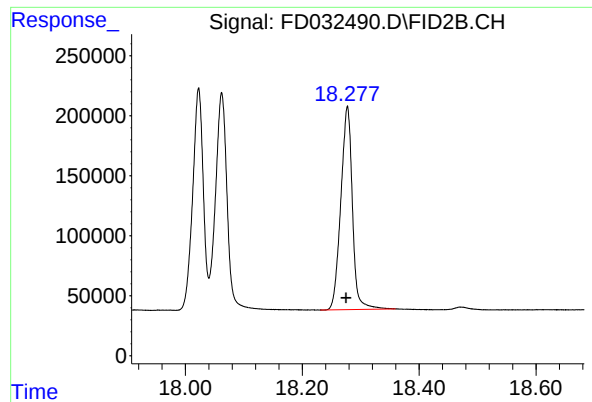
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.023 min
Delta R.T.: -0.001 min
Response: 2320647
Conc: 19.47 ug/ml



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

R.T.: 18.062 min
Delta R.T.: -0.002 min
Response: 2480756
Conc: 19.62 ug/ml



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

R.T.: 18.277 min
Delta R.T.: 0.002 min
Response: 2330031
Conc: 19.71 ug/ml