

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022820AR\
 Data File : FD032457.D
 Signal(s) : FID2B.CH
 Acq On : 28 Feb 2020 23:31
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 29 05:56:26 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020420.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 05 11:53:53 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...	7.624	2585411	18.604 ug/ml
Spiked Amount 50.000		Recovery =	37.21%
6) S 2-Fluorobiphenyl (SURR)	8.486	1708903	18.020 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	36.04%
11) S ortho-Terphenyl (SURR)	11.523	2544109	17.152 ug/ml
Spiked Amount 50.000		Recovery =	34.30%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.428	2898670	20.016 ug/mlm
2) T Naphthalene (C11.7)	5.965	2948366	19.347 ug/ml
3) T 2-Methylnaphthalene (...)	7.015	2856229	18.880 ug/ml
5) T Acenaphthylene (C15.06)	8.289	2611132	17.720 ug/ml
7) T Acenaphthene (C15.5)	8.584	2737815	18.130 ug/ml
8) T Flouorene (C16.55)	9.364	2654844	17.739 ug/ml
9) T Phenanthrene (C19.36)	10.758	2541493	16.804 ug/ml
10) T Anthracene (C19.43)	10.832	2228129	15.021 ug/ml
12) T Fluoranthene (C21.85)	12.567	2433772	16.162 ug/ml
13) T Pyrene (C20.8)	12.865	2391001	16.016 ug/ml
14) T Benzo[a]anthracene (C...	14.734	2209162	15.556 ug/ml
15) T Chrysene (C27.41)	14.777	2267072	15.859 ug/ml
16) T benzo[b]fluoranthene ...	16.285	2246162	16.209 ug/ml
17) T Bnezo[k]fluoranthene ...	16.317	2258470	16.364 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.663	2234699	16.402 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.027	2211292	17.096 ug/ml
20) T Dibenz[a,h]anthracene...	18.067	2300960	17.627 ug/ml
21) T Benzo[g,h,i]perylene ...	18.283	2224706	17.714 ug/ml

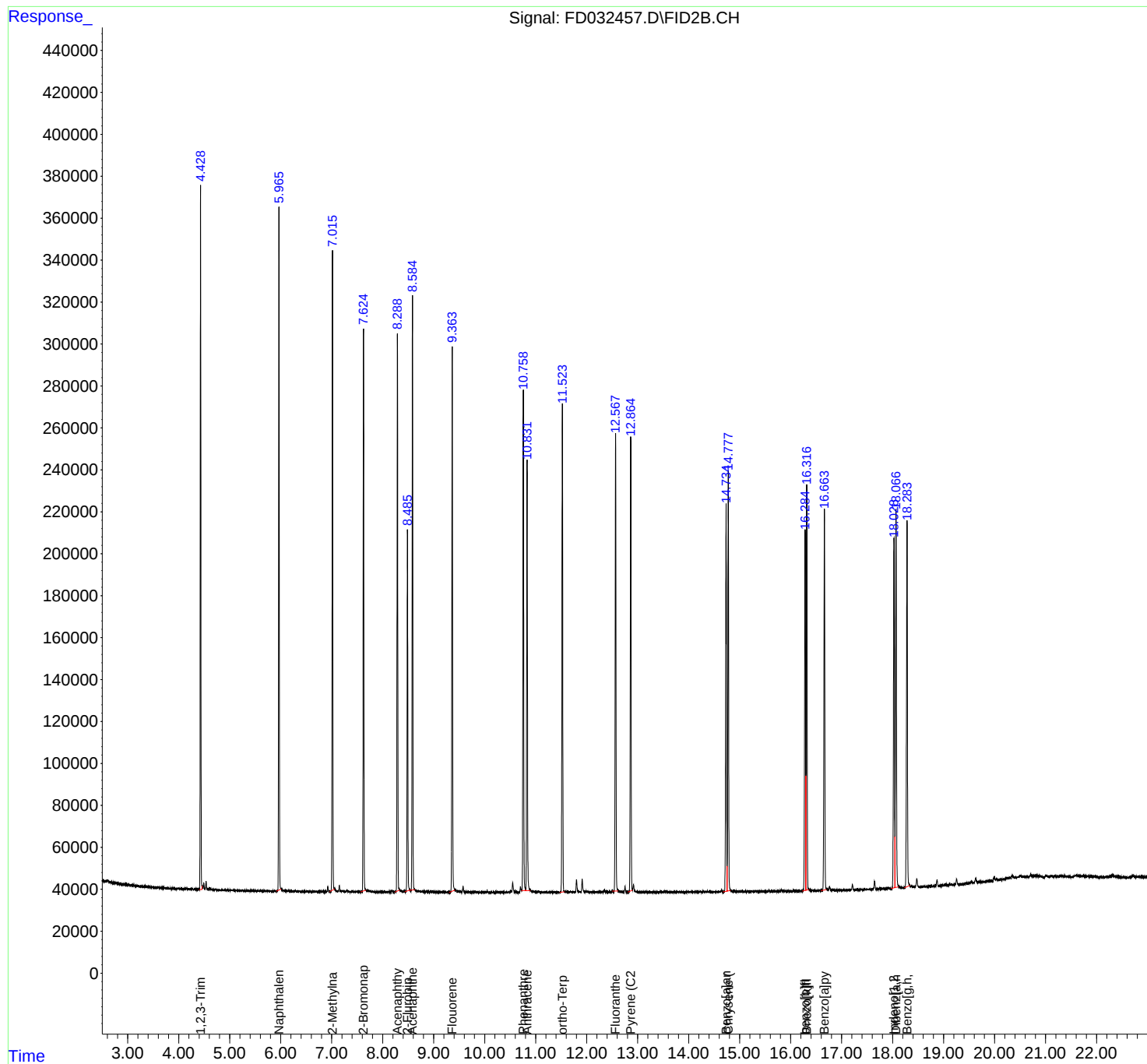
(f)=RT Delta > 1/2 Window

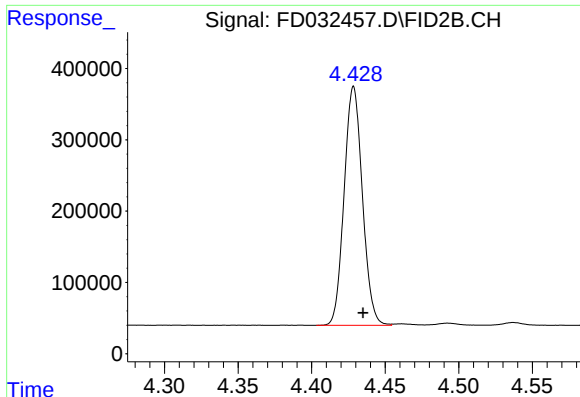
(m)=manual int.

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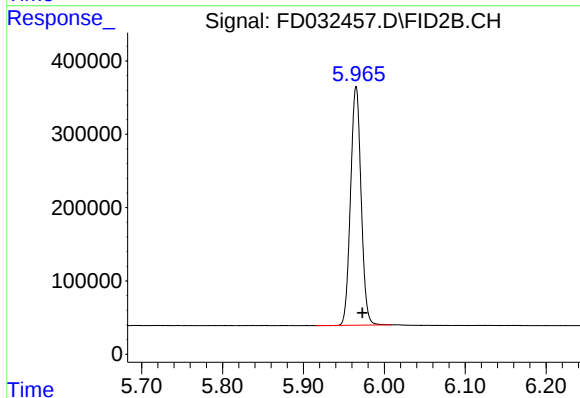
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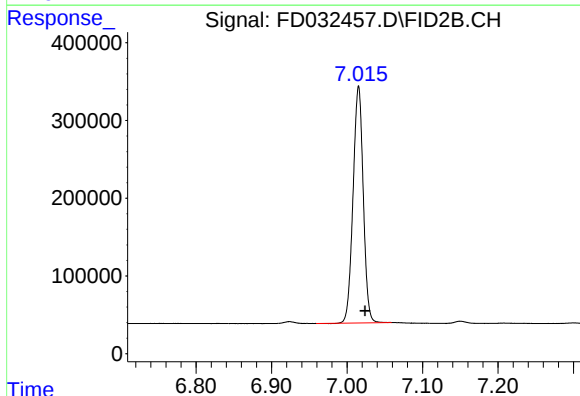
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.428 min
Delta R.T.: -0.007 min
Response: 2898670
Conc: 20.02 ug/ml m



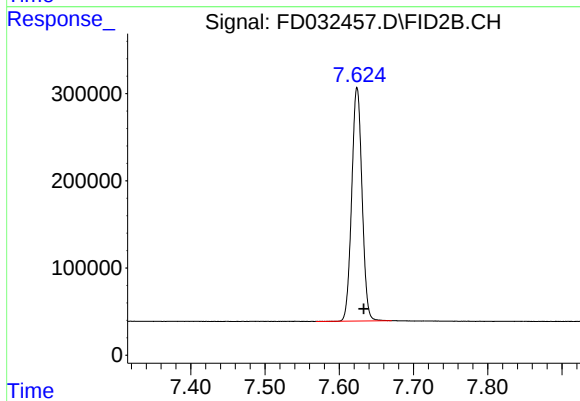
#2 Naphthalene (C11.7)

R.T.: 5.965 min
Delta R.T.: -0.008 min
Response: 2948366
Conc: 19.35 ug/ml



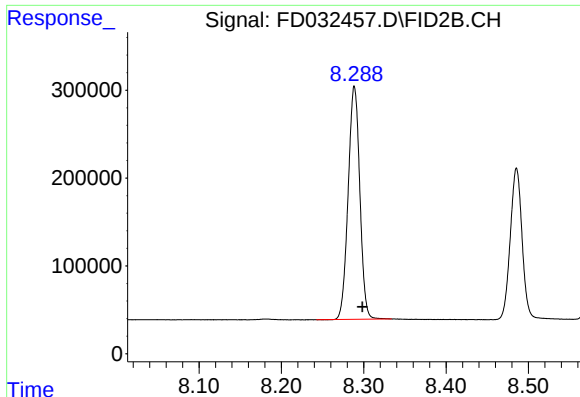
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.015 min
Delta R.T.: -0.008 min
Response: 2856229
Conc: 18.88 ug/ml



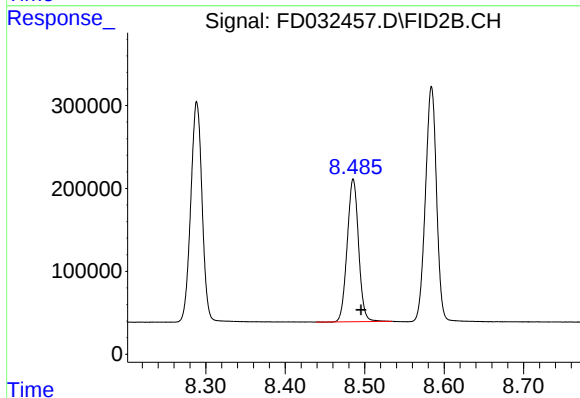
#4 2-Bromonaphthalene (SURR)

R.T.: 7.624 min
Delta R.T.: -0.009 min
Response: 2585411
Conc: 18.60 ug/ml



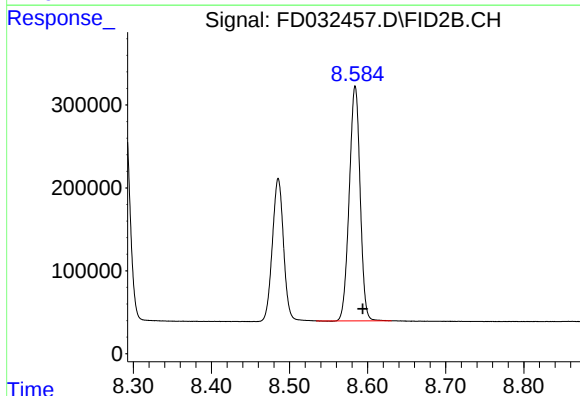
#5 Acenaphthylene (C15.06)

R.T.: 8.289 min
Delta R.T.: -0.010 min
Response: 2611132
Conc: 17.72 ug/ml



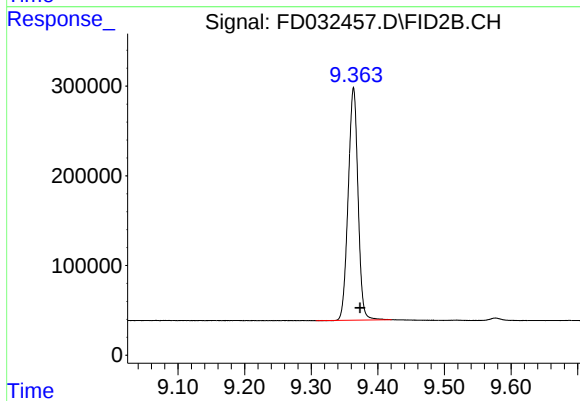
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.486 min
Delta R.T.: -0.010 min
Response: 1708903
Conc: 18.02 ug/ml



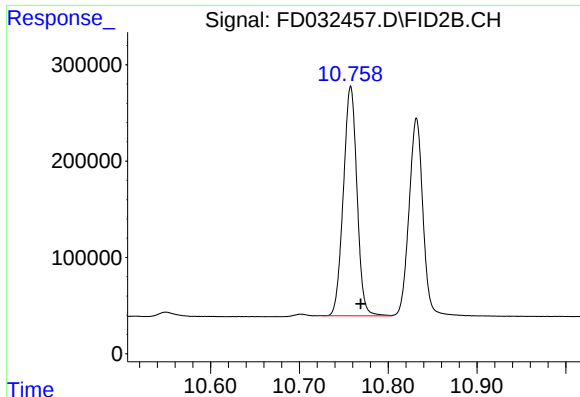
#7 Acenaphthene (C15.5)

R.T.: 8.584 min
Delta R.T.: -0.010 min
Response: 2737815
Conc: 18.13 ug/ml



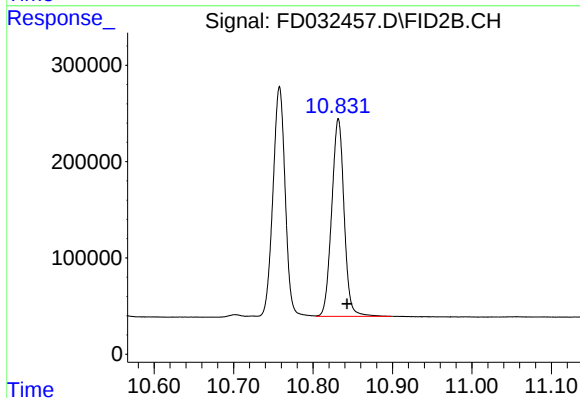
#8 Flouorene (C16.55)

R.T.: 9.364 min
Delta R.T.: -0.010 min
Response: 2654844
Conc: 17.74 ug/ml



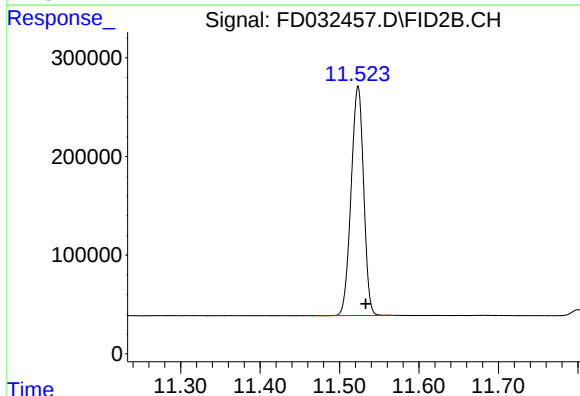
#9 Phenanthrene (C19.36)

R.T.: 10.758 min
Delta R.T.: -0.011 min
Response: 2541493
Conc: 16.80 ug/ml



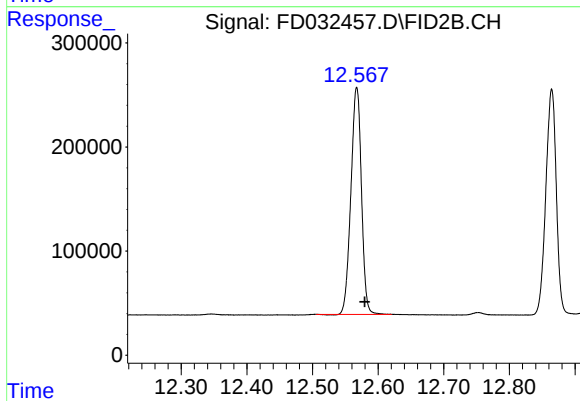
#10 Anthracene (C19.43)

R.T.: 10.832 min
Delta R.T.: -0.011 min
Response: 2228129
Conc: 15.02 ug/ml



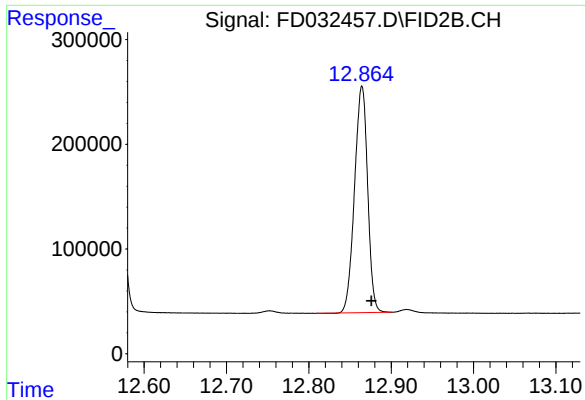
#11 ortho-Terphenyl (SURR)

R.T.: 11.523 min
Delta R.T.: -0.010 min
Response: 2544109
Conc: 17.15 ug/ml



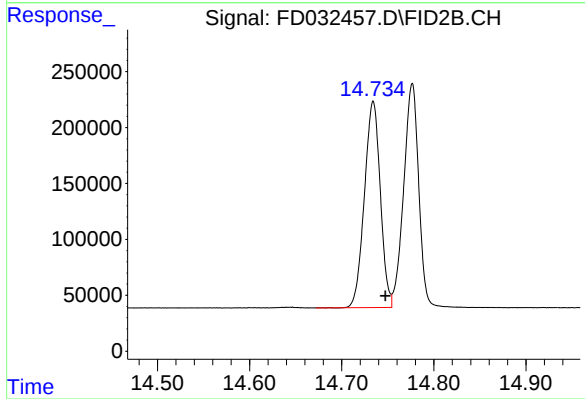
#12 Fluoranthene (C21.85)

R.T.: 12.567 min
Delta R.T.: -0.012 min
Response: 2433772
Conc: 16.16 ug/ml



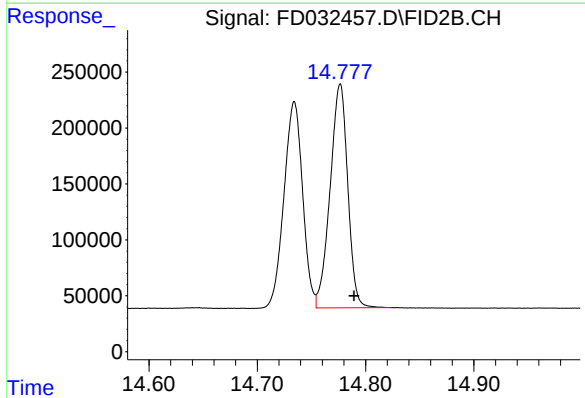
#13 Pyrene (C20.8)

R.T.: 12.865 min
Delta R.T.: -0.011 min
Response: 2391001
Conc: 16.02 ug/ml



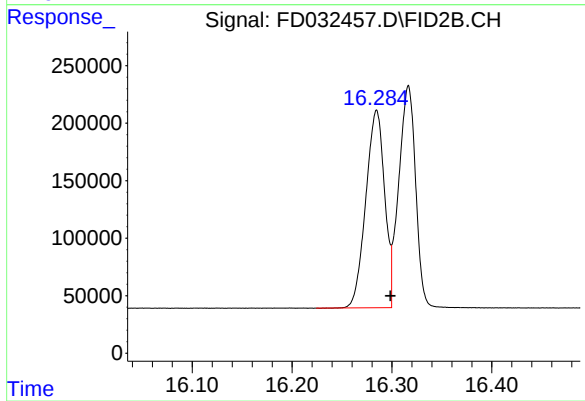
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.734 min
Delta R.T.: -0.013 min
Response: 2209162
Conc: 15.56 ug/ml



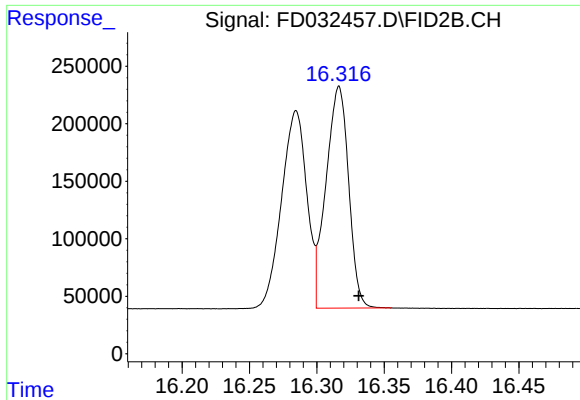
#15 Chrysene (C27.41)

R.T.: 14.777 min
Delta R.T.: -0.013 min
Response: 2267072
Conc: 15.86 ug/ml



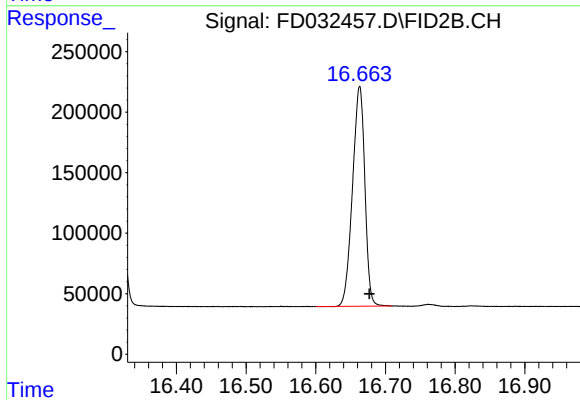
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.285 min
Delta R.T.: -0.014 min
Response: 2246162
Conc: 16.21 ug/ml



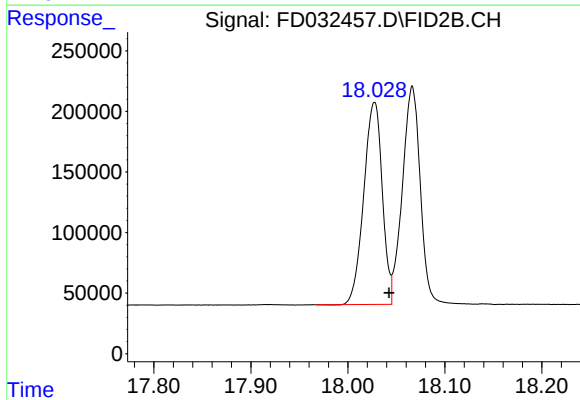
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.317 min
Delta R.T.: -0.015 min
Response: 2258470
Conc: 16.36 ug/ml



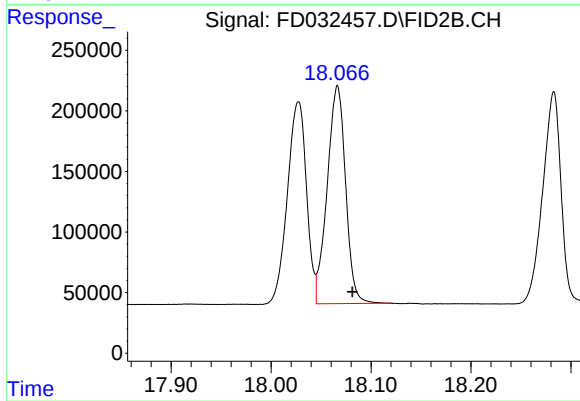
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.663 min
Delta R.T.: -0.014 min
Response: 2234699
Conc: 16.40 ug/ml



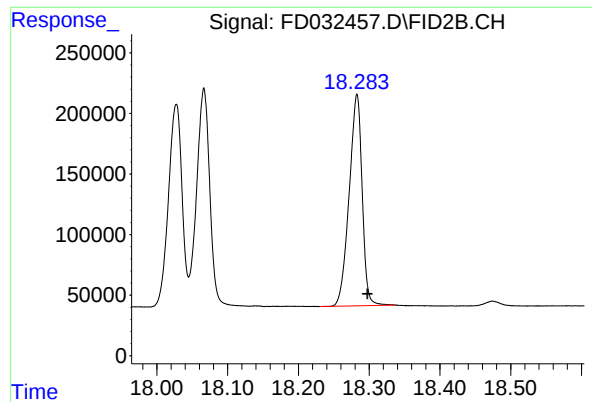
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.027 min
Delta R.T.: -0.015 min
Response: 2211292
Conc: 17.10 ug/ml



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

R.T.: 18.067 min
Delta R.T.: -0.015 min
Response: 2300960
Conc: 17.63 ug/ml



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

R.T.: 18.283 min
Delta R.T.: -0.015 min
Response: 2224706
Conc: 17.71 ug/ml