

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022620AR\
 Data File : FD032437.D
 Signal(s) : FID2B.CH
 Acq On : 26 Feb 2020 9:42
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 27 00:29:40 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...	7.626	2789754	20.075 ug/ml
Spiked Amount 50.000		Recovery =	40.15%
6) S 2-Fluorobiphenyl (SURR)	8.486	1855928	19.571 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.14%
11) S ortho-Terphenyl (SURR)	11.522	2783508	18.766 ug/ml
Spiked Amount 50.000		Recovery =	37.53%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.430	2889911	19.955 ug/ml
2) T Naphthalene (C11.7)	5.966	3149134	20.664 ug/ml
3) T 2-Methylnaphthalene (...)	7.017	3075503	20.329 ug/ml
5) T Acenaphthylene (C15.06)	8.290	2831742	19.217 ug/ml
7) T Acenaphthene (C15.5)	8.585	2966198	19.642 ug/ml
8) T Flouorene (C16.55)	9.364	2895755	19.349 ug/ml
9) T Phenanthrene (C19.36)	10.757	2795066	18.481 ug/ml
10) T Anthracene (C19.43)	10.832	2480413	16.722 ug/ml
12) T Fluoranthene (C21.85)	12.567	2710133	17.997 ug/ml
13) T Pyrene (C20.8)	12.863	2651784	17.763 ug/ml
14) T Benzo[a]anthracene (C...	14.733	2482306	17.479 ug/ml
15) T Chrysene (C27.41)	14.776	2548872	17.830 ug/ml
16) T benzo[b]fluoranthene ...	16.284	2515054	18.149 ug/ml
17) T Bnezo[k]fluoranthene ...	16.316	2517354	18.240 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.662	2482234	18.219 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.028	2470881	19.103 ug/ml
20) T Dibenz[a,h]anthracene...	18.067	2541015	19.466 ug/ml
21) T Benzo[g,h,i]perylene ...	18.282	2464962	19.627 ug/ml

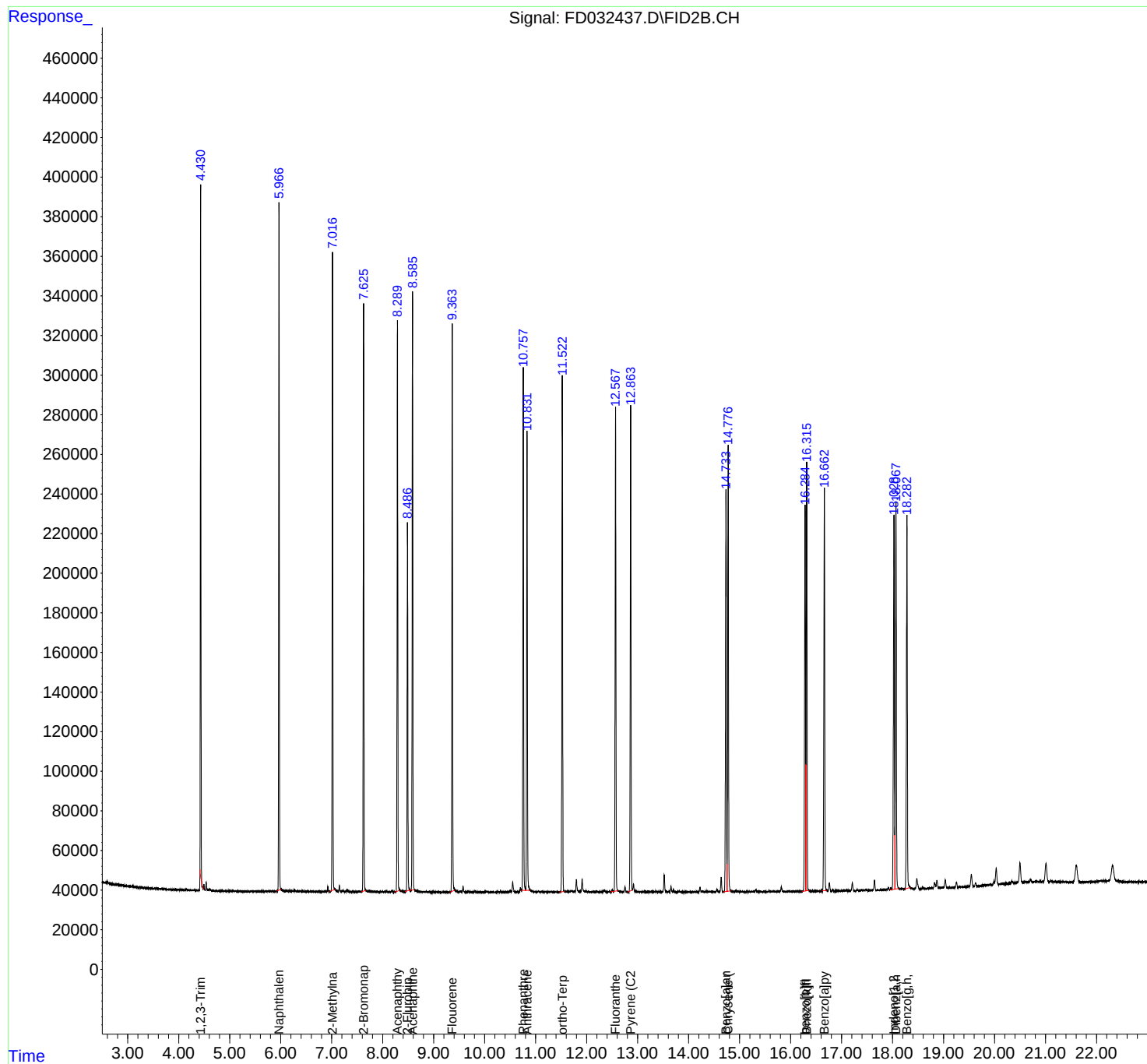
(f)=RT Delta > 1/2 Window

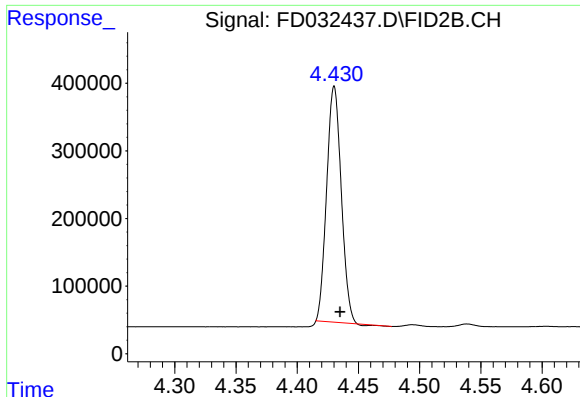
(m)=manual int.

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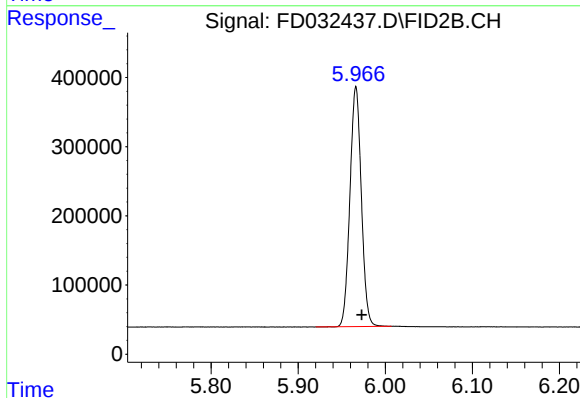
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Signal Info : 20M x 0.18mm x 0.18µm





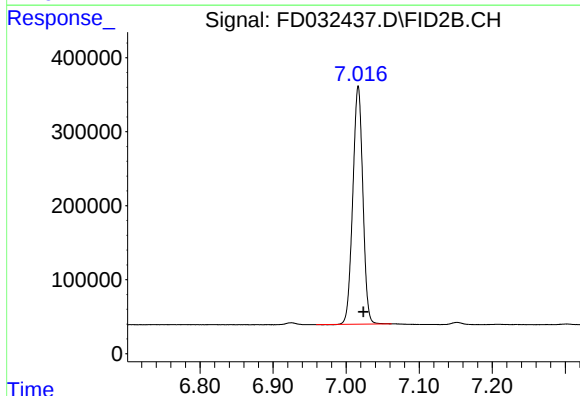
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.430 min
Delta R.T.: -0.005 min
Response: 2889911
Conc: 19.96 ug/ml



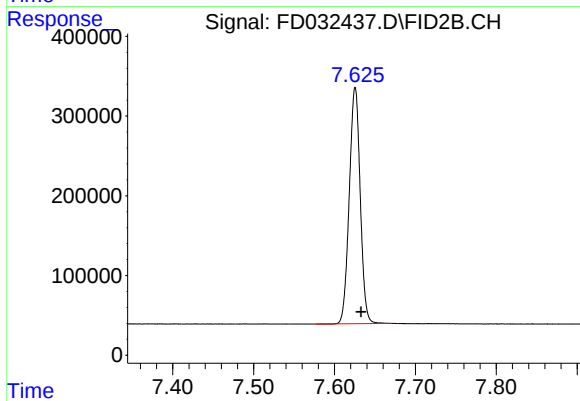
#2 Naphthalene (C11.7)

R.T.: 5.966 min
Delta R.T.: -0.007 min
Response: 3149134
Conc: 20.66 ug/ml



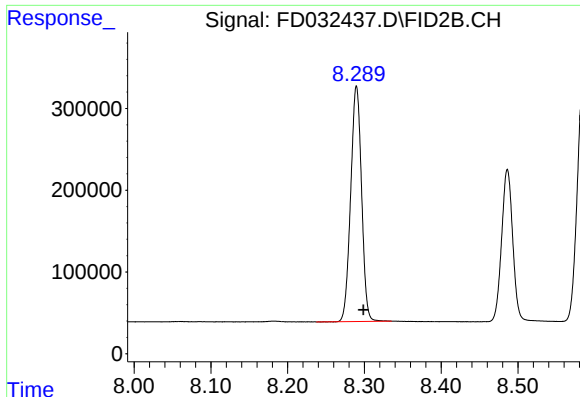
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.017 min
Delta R.T.: -0.007 min
Response: 3075503
Conc: 20.33 ug/ml



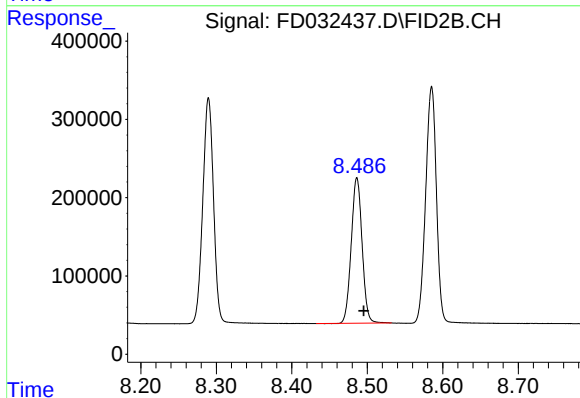
#4 2-Bromonaphthalene (SURR)

R.T.: 7.626 min
Delta R.T.: -0.007 min
Response: 2789754
Conc: 20.07 ug/ml



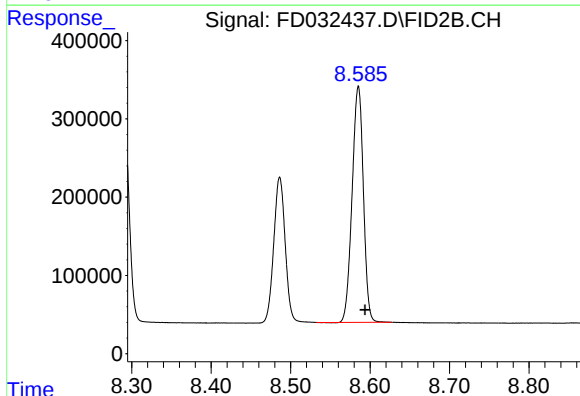
#5 Acenaphthylene (C15.06)

R.T.: 8.290 min
Delta R.T.: -0.009 min
Response: 2831742
Conc: 19.22 ug/ml



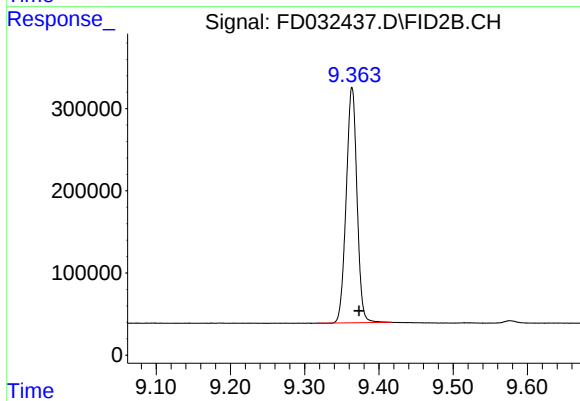
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.486 min
Delta R.T.: -0.009 min
Response: 1855928
Conc: 19.57 ug/ml



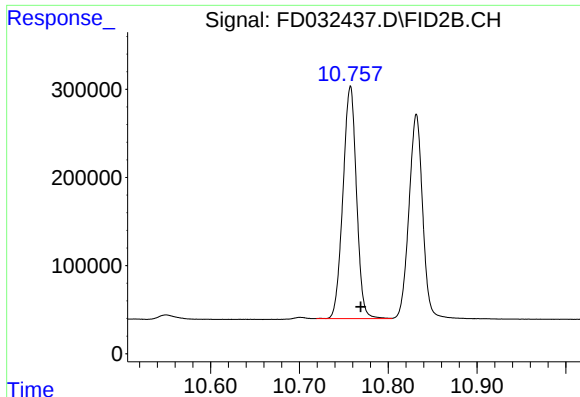
#7 Acenaphthene (C15.5)

R.T.: 8.585 min
Delta R.T.: -0.009 min
Response: 2966198
Conc: 19.64 ug/ml



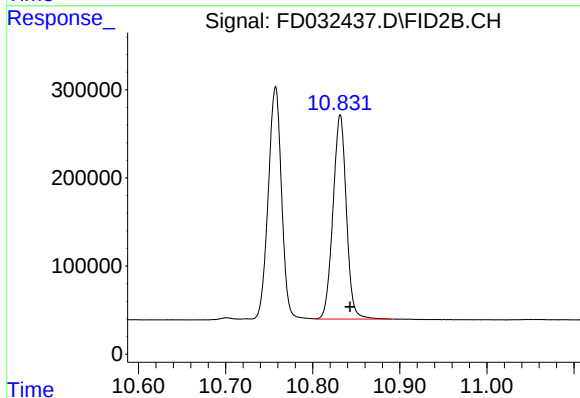
#8 Fluorene (C16.55)

R.T.: 9.364 min
Delta R.T.: -0.009 min
Response: 2895755
Conc: 19.35 ug/ml



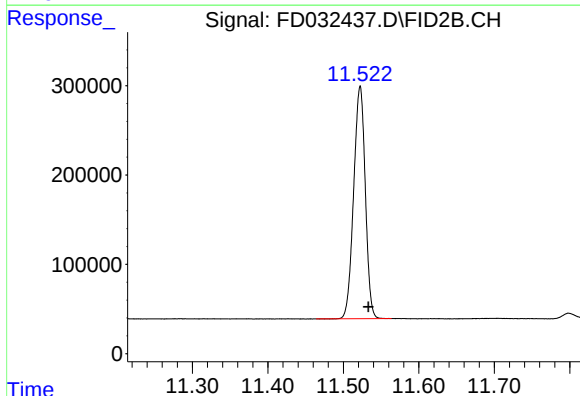
#9 Phenanthrene (C19.36)

R.T.: 10.757 min
Delta R.T.: -0.012 min
Response: 2795066
Conc: 18.48 ug/ml



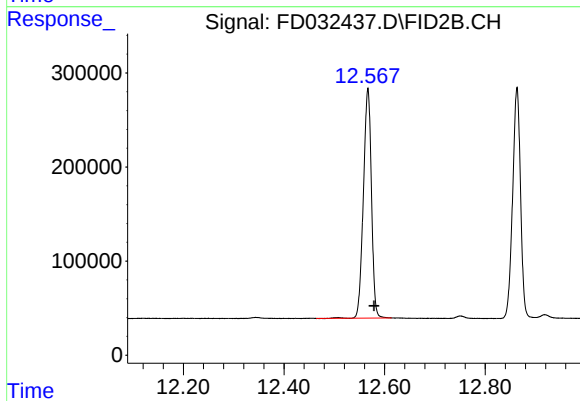
#10 Anthracene (C19.43)

R.T.: 10.832 min
Delta R.T.: -0.011 min
Response: 2480413
Conc: 16.72 ug/ml



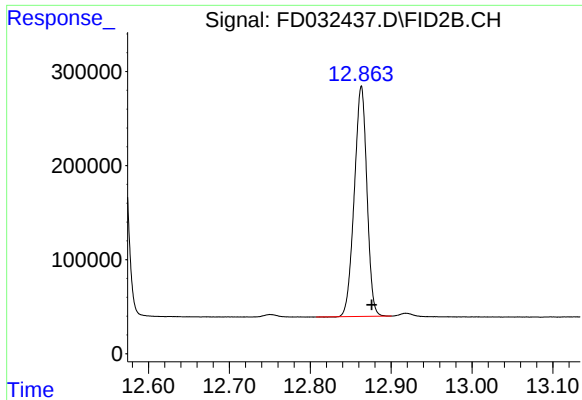
#11 ortho-Terphenyl (SURR)

R.T.: 11.522 min
Delta R.T.: -0.011 min
Response: 2783508
Conc: 18.77 ug/ml



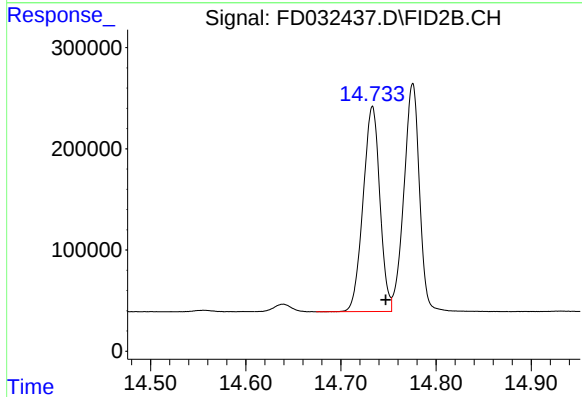
#12 Fluoranthene (C21.85)

R.T.: 12.567 min
Delta R.T.: -0.013 min
Response: 2710133
Conc: 18.00 ug/ml



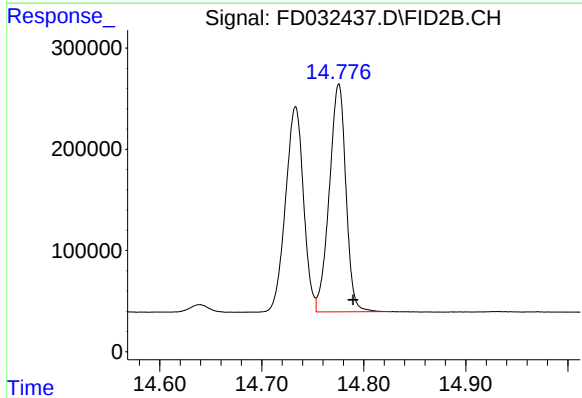
#13 Pyrene (C20.8)

R.T.: 12.863 min
Delta R.T.: -0.013 min
Response: 2651784
Conc: 17.76 ug/ml



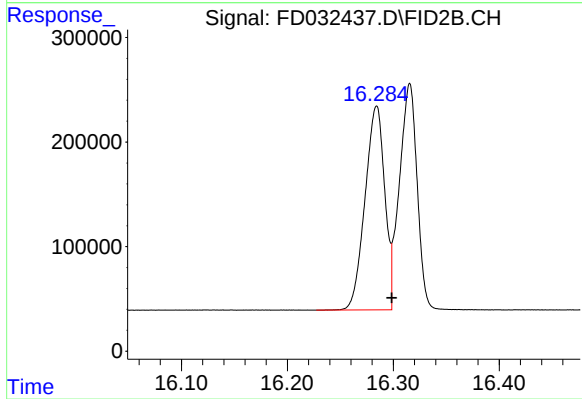
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.733 min
Delta R.T.: -0.014 min
Response: 2482306
Conc: 17.48 ug/ml



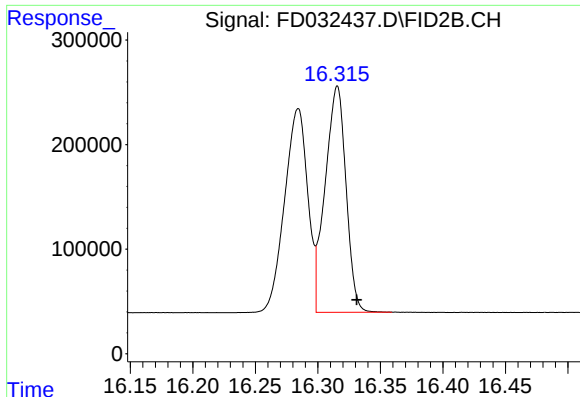
#15 Chrysene (C27.41)

R.T.: 14.776 min
Delta R.T.: -0.014 min
Response: 2548872
Conc: 17.83 ug/ml



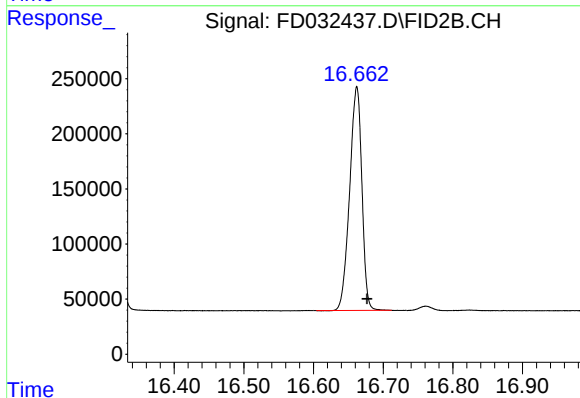
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.284 min
Delta R.T.: -0.014 min
Response: 2515054
Conc: 18.15 ug/ml



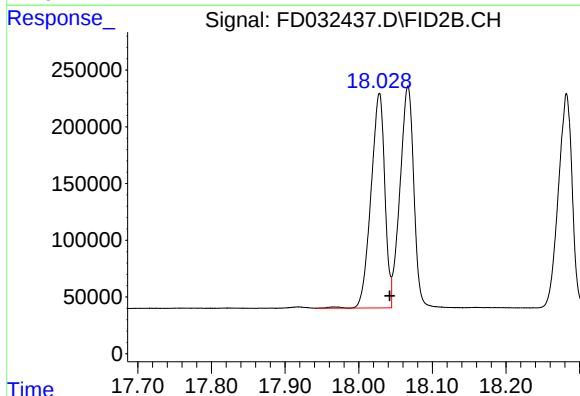
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.316 min
Delta R.T.: -0.016 min
Response: 2517354
Conc: 18.24 ug/ml



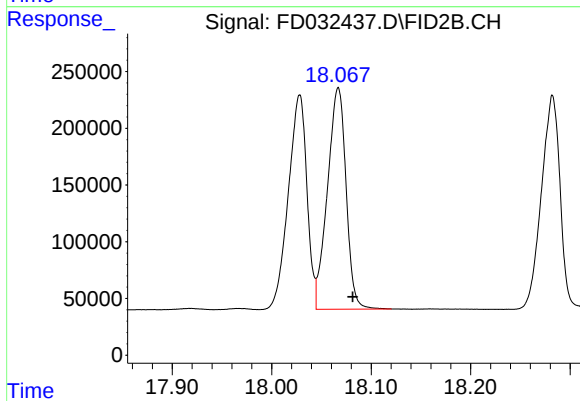
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.662 min
Delta R.T.: -0.015 min
Response: 2482234
Conc: 18.22 ug/ml



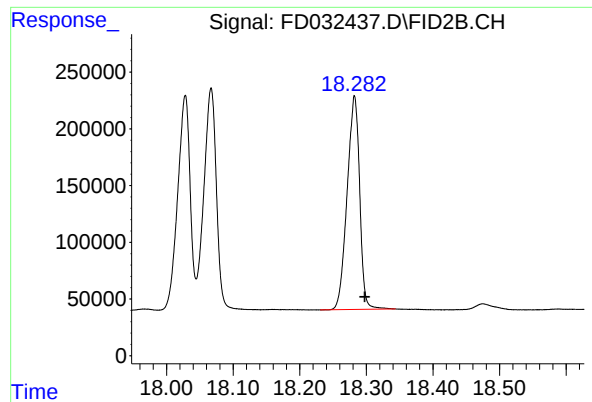
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.028 min
Delta R.T.: -0.014 min
Response: 2470881
Conc: 19.10 ug/ml



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

R.T.: 18.067 min
Delta R.T.: -0.014 min
Response: 2541015
Conc: 19.47 ug/ml



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

R.T.: 18.282 min
Delta R.T.: -0.015 min
Response: 2464962
Conc: 19.63 ug/ml