

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040519AR\
 Data File : FD028665.D
 Signal(s) : FID2B.CH
 Acq On : 05 Apr 2019 10:28
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 05 23:47:26 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032519.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 26 06:44:45 2019
 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...	7.110	1973747	20.804 ug/ml
Spiked Amount 50.000		Recovery =	41.61%
6) S 2-Fluorobiphenyl (SURR)	7.977	1335766	20.490 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.98%
11) S ortho-Terphenyl (SURR)	11.016	2173923	19.538 ug/ml
Spiked Amount 50.000		Recovery =	39.08%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.932	2040855	20.862 ug/ml
2) T Naphthalene (C11.7)	5.455	2233805	20.967 ug/ml
3) T 2-Methylnaphthalene (...)	6.503	2234863	20.890 ug/ml
5) T Acenaphthylene (C15.06)	7.781	2133380	20.602 ug/ml
7) T Acenaphthene (C15.5)	8.076	2230826	20.565 ug/ml
8) T Fluorene (C16.55)	8.856	2199381	20.230 ug/ml
9) T Phenanthrene (C19.36)	10.254	2115372	19.535 ug/ml
10) T Anthracene (C19.43)	10.328	2087060	19.428 ug/ml
12) T Fluoranthene (C21.85)	12.065	2106158	19.481 ug/ml
13) T Pyrene (C20.8)	12.363	2105821	19.555 ug/ml
14) T Benzo[a]anthracene (C...	14.230	2095806	19.989 ug/ml
15) T Chrysene (C27.41)	14.272	2103743	20.092 ug/ml
16) T benzo[b]fluoranthene ...	15.811	2175677	20.073 ug/ml
17) T Bnezo[k]fluoranthene ...	15.811	2175677	20.274 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.158	2188025	20.222 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.519	2237964	20.251 ug/ml
20) T Dibenz[a,h]anthracene...	17.559	2213023	20.587 ug/ml
21) T Benzo[g,h,i]perylene ...	17.775	2215096	20.439 ug/ml

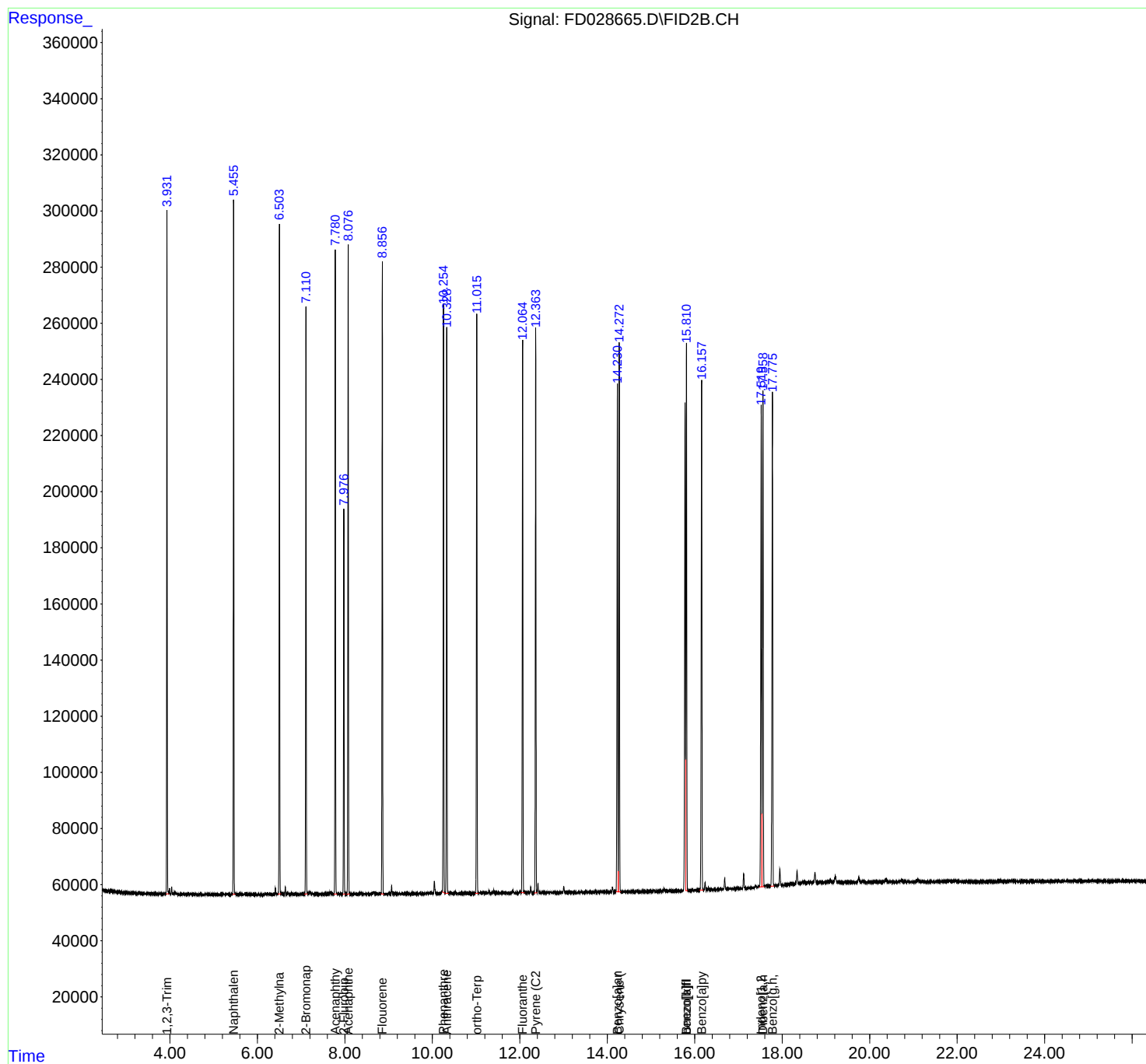
(f)=RT Delta > 1/2 Window

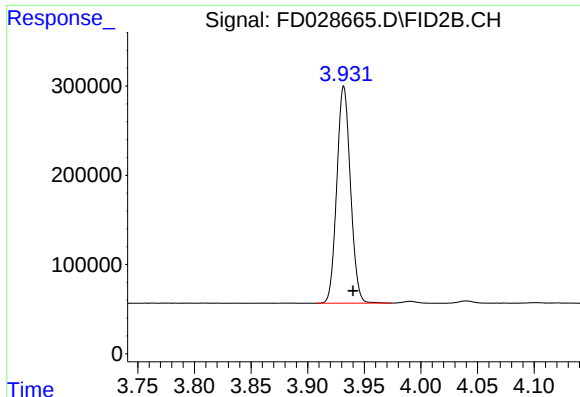
(m)=manual int.

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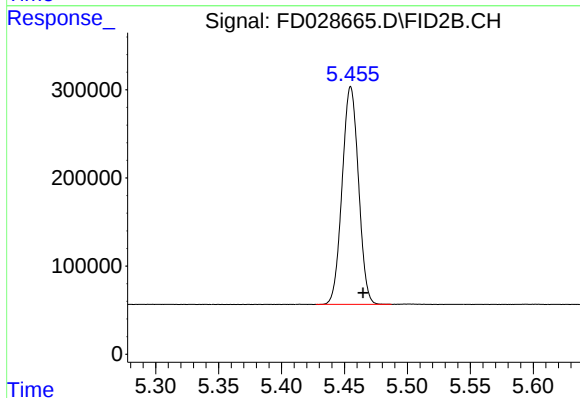
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





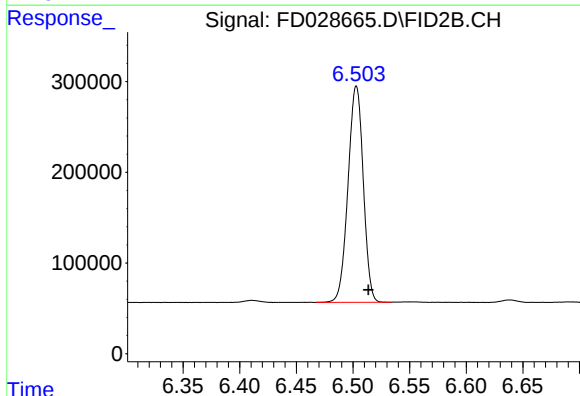
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.932 min
Delta R.T.: -0.008 min
Response: 2040855
Conc: 20.86 ug/ml



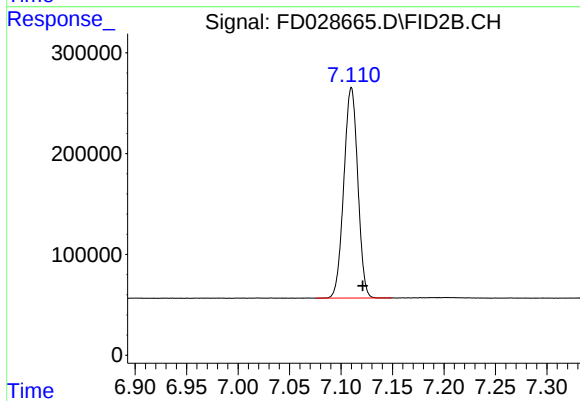
#2 Naphthalene (C11.7)

R.T.: 5.455 min
Delta R.T.: -0.010 min
Response: 2233805
Conc: 20.97 ug/ml



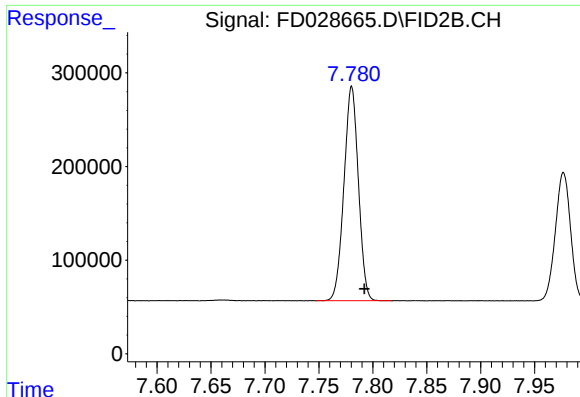
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.503 min
Delta R.T.: -0.011 min
Response: 2234863
Conc: 20.89 ug/ml



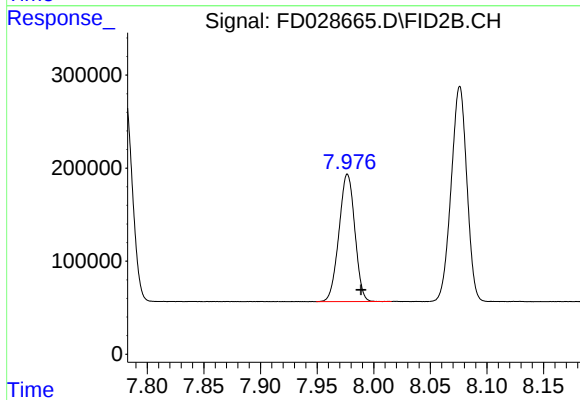
#4 2-Bromonaphthalene (SURR)

R.T.: 7.110 min
Delta R.T.: -0.011 min
Response: 1973747
Conc: 20.80 ug/ml



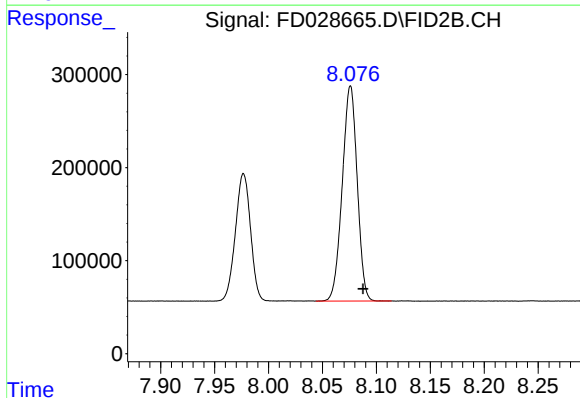
#5 Acenaphthylene (C15.06)

R.T.: 7.781 min
Delta R.T.: -0.012 min
Response: 2133380
Conc: 20.60 ug/ml



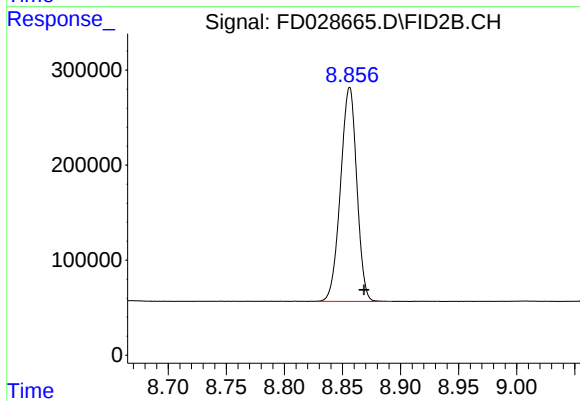
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.977 min
Delta R.T.: -0.012 min
Response: 1335766
Conc: 20.49 ug/ml



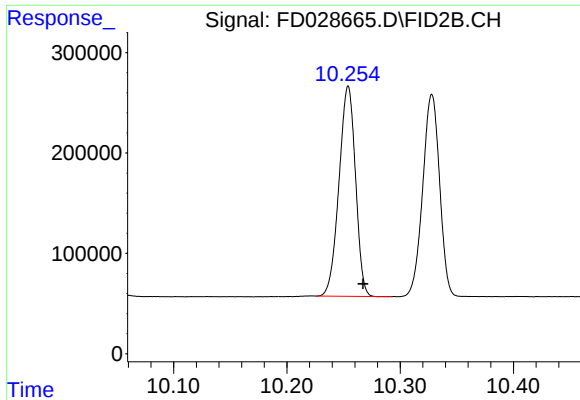
#7 Acenaphthene (C15.5)

R.T.: 8.076 min
Delta R.T.: -0.012 min
Response: 2230826
Conc: 20.57 ug/ml



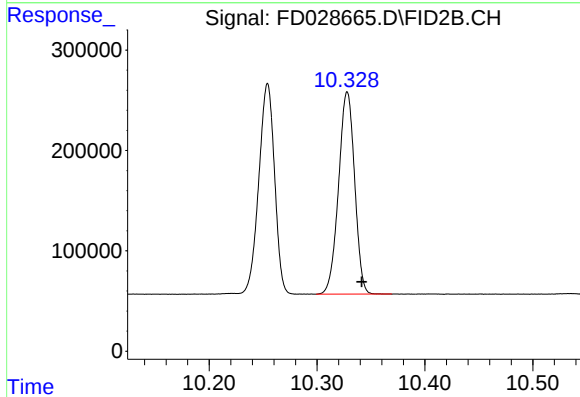
#8 Flouorene (C16.55)

R.T.: 8.856 min
Delta R.T.: -0.012 min
Response: 2199381
Conc: 20.23 ug/ml



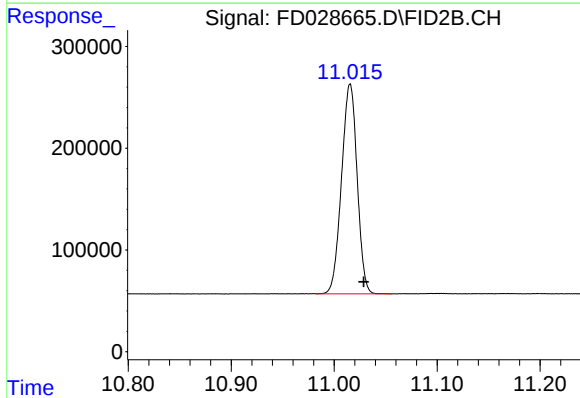
#9 Phenanthrene (C19.36)

R.T.: 10.254 min
Delta R.T.: -0.013 min
Response: 2115372
Conc: 19.53 ug/ml



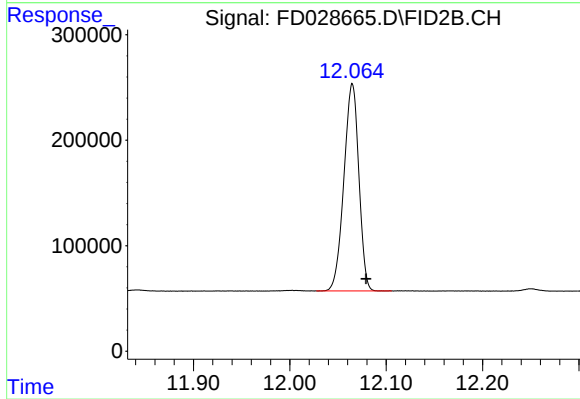
#10 Anthracene (C19.43)

R.T.: 10.328 min
Delta R.T.: -0.013 min
Response: 2087060
Conc: 19.43 ug/ml



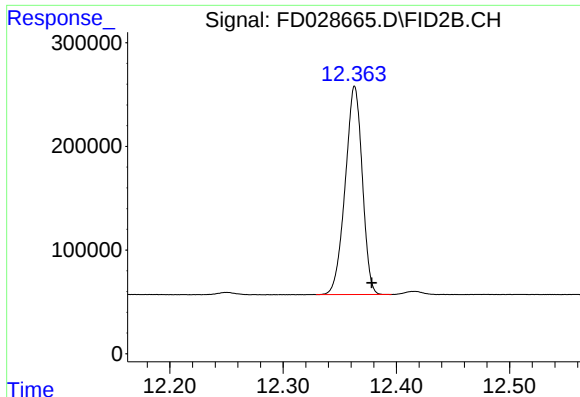
#11 ortho-Terphenyl (SURR)

R.T.: 11.016 min
Delta R.T.: -0.013 min
Response: 2173923
Conc: 19.54 ug/ml



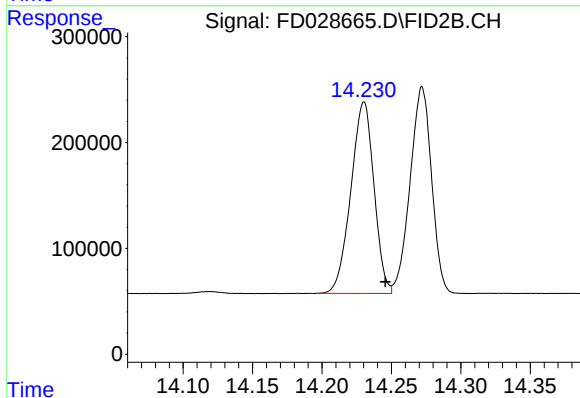
#12 Fluoranthene (C21.85)

R.T.: 12.065 min
Delta R.T.: -0.014 min
Response: 2106158
Conc: 19.48 ug/ml



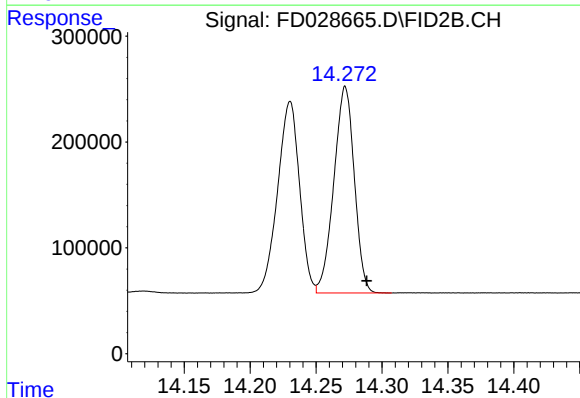
#13 Pyrene (C20.8)

R.T.: 12.363 min
Delta R.T.: -0.015 min
Response: 2105821
Conc: 19.56 ug/ml



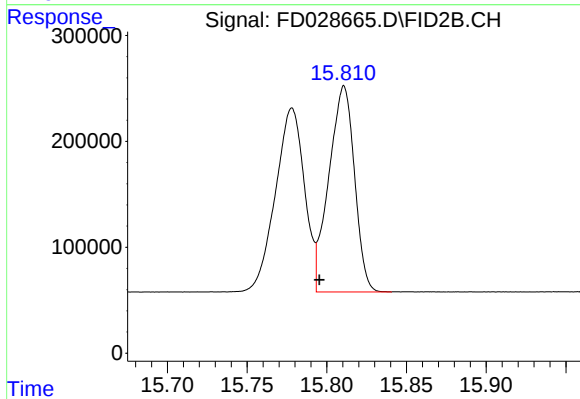
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.230 min
Delta R.T.: -0.015 min
Response: 2095806
Conc: 19.99 ug/ml



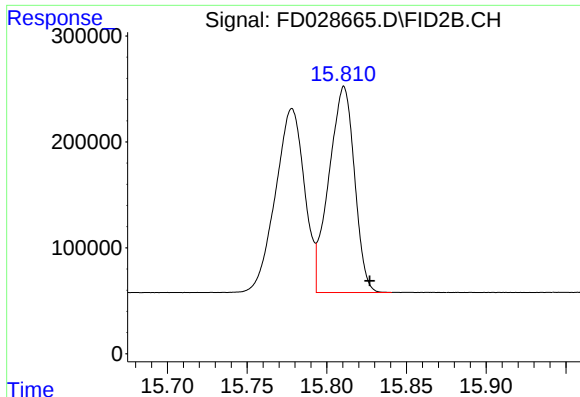
#15 Chrysene (C27.41)

R.T.: 14.272 min
Delta R.T.: -0.016 min
Response: 2103743
Conc: 20.09 ug/ml



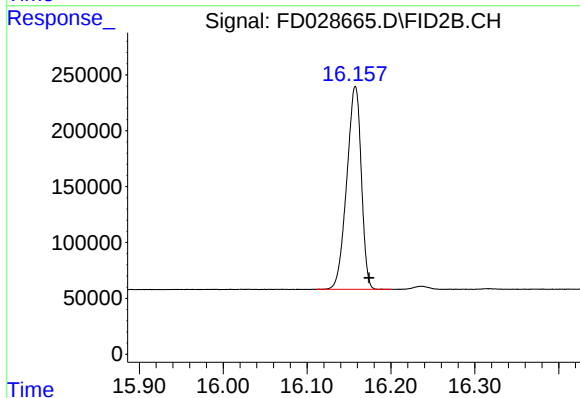
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.811 min
Delta R.T.: 0.015 min
Response: 2175677
Conc: 20.07 ug/ml



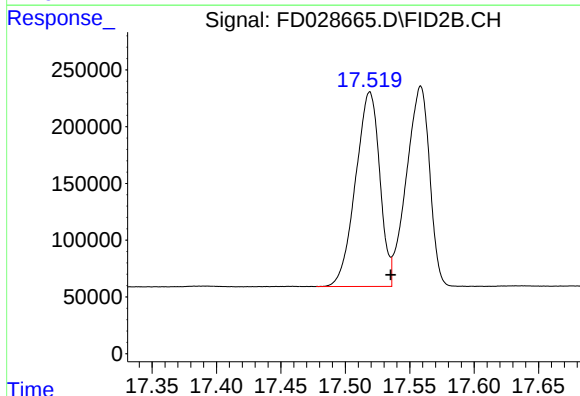
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.811 min
Delta R.T.: -0.016 min
Response: 2175677
Conc: 20.27 ug/ml



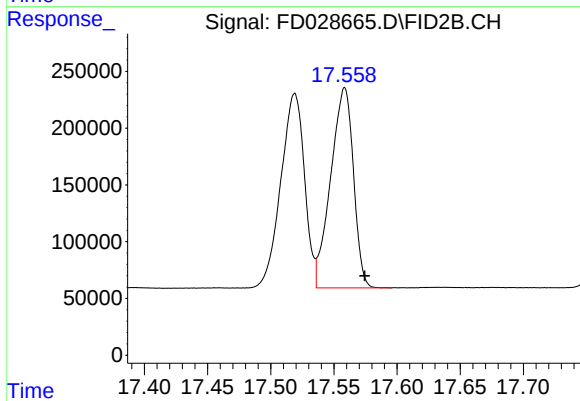
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.158 min
Delta R.T.: -0.016 min
Response: 2188025
Conc: 20.22 ug/ml



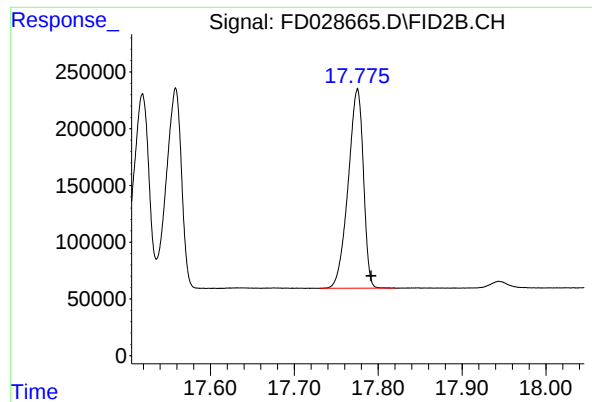
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.519 min
Delta R.T.: -0.016 min
Response: 2237964
Conc: 20.25 ug/ml



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

R.T.: 17.559 min
Delta R.T.: -0.016 min
Response: 2213023
Conc: 20.59 ug/ml



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

R.T.: 17.775 min
Delta R.T.: -0.016 min
Response: 2215096
Conc: 20.44 ug/ml