

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040419AR\
 Data File : FD028656.D
 Signal(s) : FID2B.CH
 Acq On : 05 Apr 2019 5:06
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 05 05:36:30 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...	7.111	1928563	20.328 ug/ml
Spiked Amount 50.000		Recovery =	40.66%
6) S 2-Fluorobiphenyl (SURR)	7.977	1306859	20.046 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.09%
11) S ortho-Terphenyl (SURR)	11.016	2154733	19.366 ug/ml
Spiked Amount 50.000		Recovery =	38.73%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.933	2077211	21.234 ug/ml
2) T Naphthalene (C11.7)	5.456	2212961	20.771 ug/ml
3) T 2-Methylnaphthalene (...)	6.503	2191752	20.487 ug/ml
5) T Acenaphthylene (C15.06)	7.781	2073971	20.028 ug/ml
7) T Acenaphthene (C15.5)	8.077	2173477	20.037 ug/ml
8) T Flouorene (C16.55)	8.857	2152509	19.799 ug/ml
9) T Phenanthrene (C19.36)	10.254	2125898	19.632 ug/ml
10) T Anthracene (C19.43)	10.328	2085090	19.410 ug/ml
12) T Fluoranthene (C21.85)	12.065	2136784	19.764 ug/ml
13) T Pyrene (C20.8)	12.364	2133451	19.812 ug/ml
14) T Benzo[a]anthracene (C...	14.231	2117690	20.198 ug/ml
15) T Chrysene (C27.41)	14.274	2122402	20.270 ug/ml
16) T benzo[b]fluoranthene ...	15.811	2182059	20.132 ug/ml
17) T Bnezo[k]fluoranthene ...	15.811	2182059	20.334 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.158	2184939	20.193 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.520	2226797	20.150 ug/ml
20) T Dibenz[a,h]anthracene...	17.558	2200881	20.474 ug/ml
21) T Benzo[g,h,i]perylene ...	17.775	2206982	20.365 ug/ml

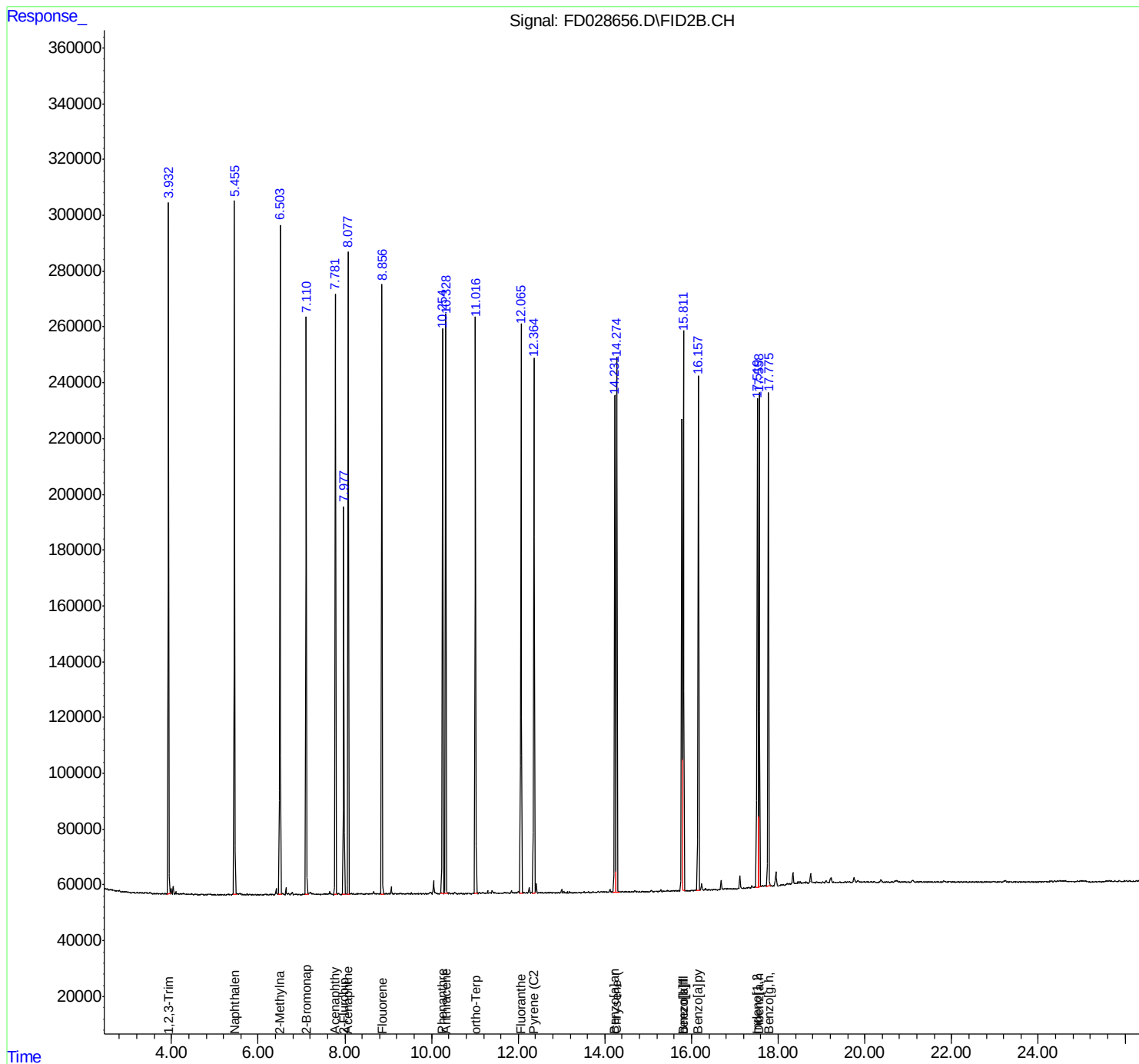
(f)=RT Delta > 1/2 Window

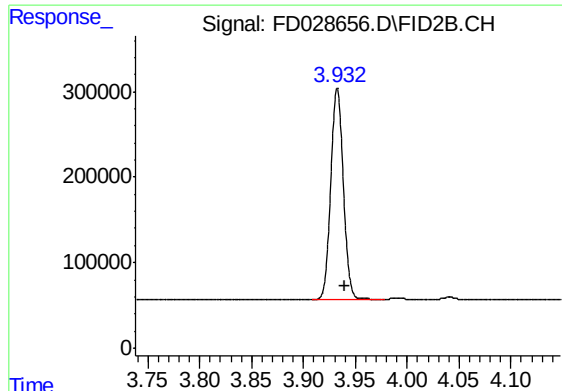
(m)=manual int.

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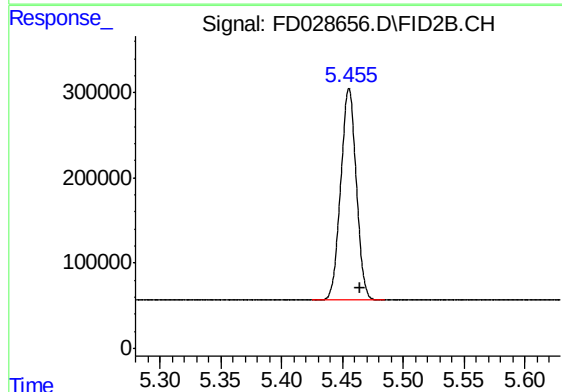
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Signal Info : 20M x 0.18mm x 0.18µm





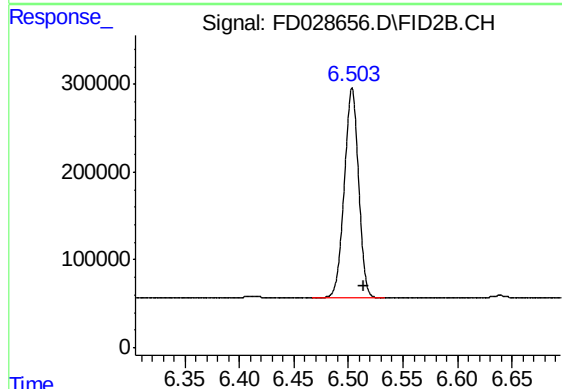
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.933 min
Delta R.T.: -0.007 min
Response: 2077211
Conc: 21.23 ug/ml



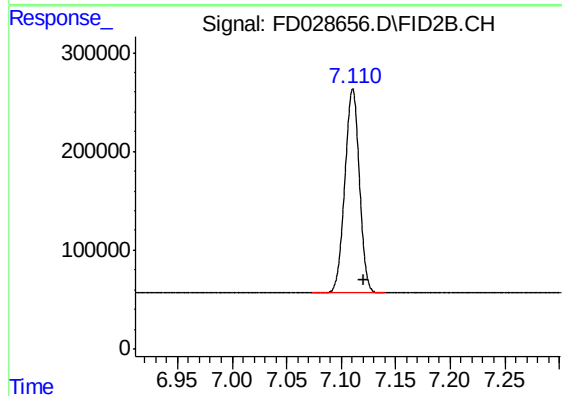
#2 Naphthalene (C11.7)

R.T.: 5.456 min
Delta R.T.: -0.009 min
Response: 2212961
Conc: 20.77 ug/ml



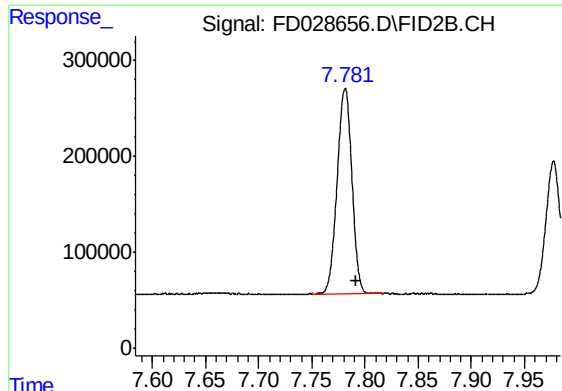
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.503 min
Delta R.T.: -0.010 min
Response: 2191752
Conc: 20.49 ug/ml



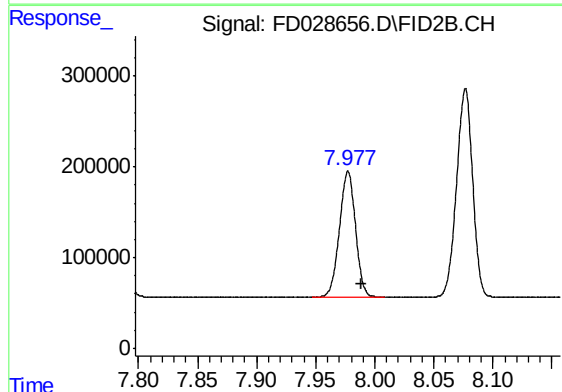
#4 2-Bromonaphthalene (SURR)

R.T.: 7.111 min
Delta R.T.: -0.010 min
Response: 1928563
Conc: 20.33 ug/ml



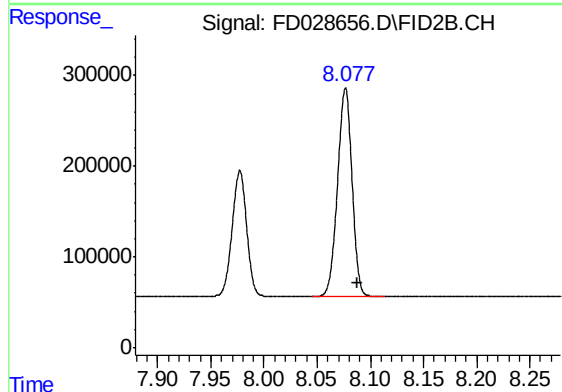
#5 Acenaphthylene (C15.06)

R.T.: 7.781 min
Delta R.T.: -0.011 min
Response: 2073971
Conc: 20.03 ug/ml



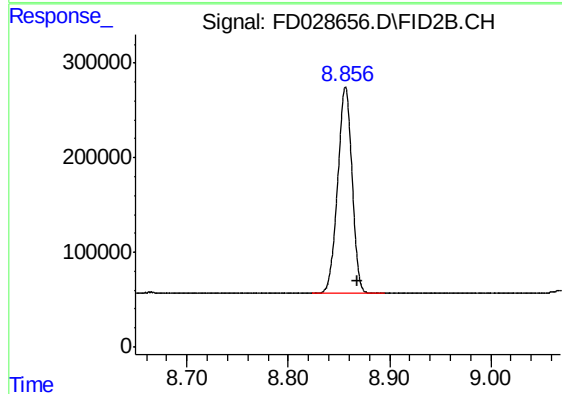
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.977 min
Delta R.T.: -0.011 min
Response: 1306859
Conc: 20.05 ug/ml



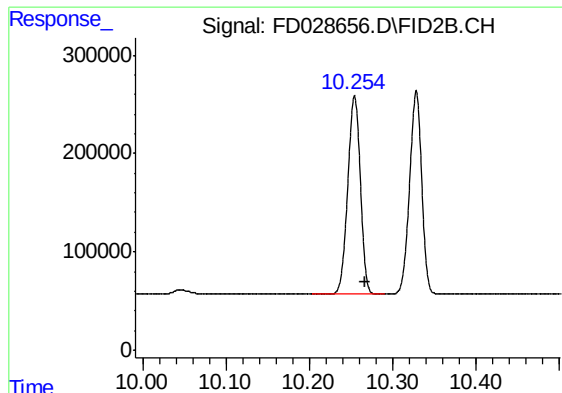
#7 Acenaphthene (C15.5)

R.T.: 8.077 min
Delta R.T.: -0.011 min
Response: 2173477
Conc: 20.04 ug/ml



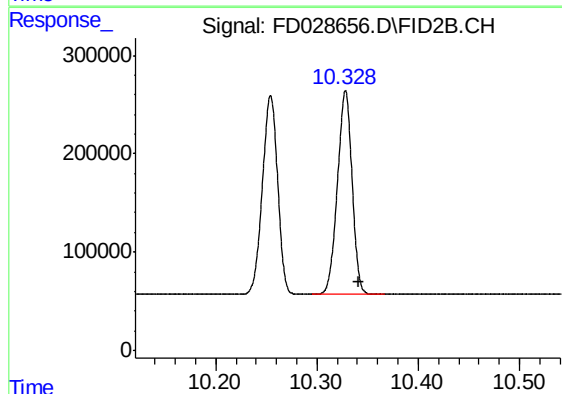
#8 Flouorene (C16.55)

R.T.: 8.857 min
Delta R.T.: -0.012 min
Response: 2152509
Conc: 19.80 ug/ml



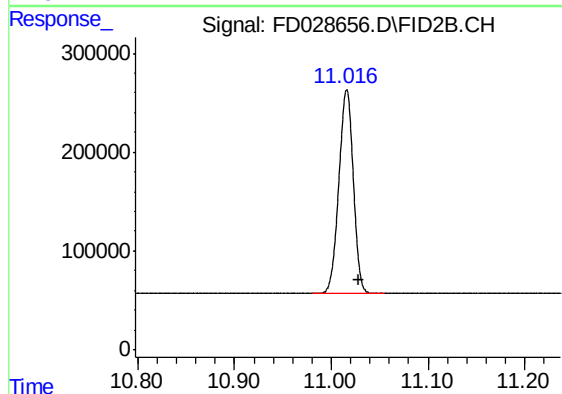
#9 Phenanthrene (C19.36)

R.T.: 10.254 min
Delta R.T.: -0.013 min
Response: 2125898
Conc: 19.63 ug/ml



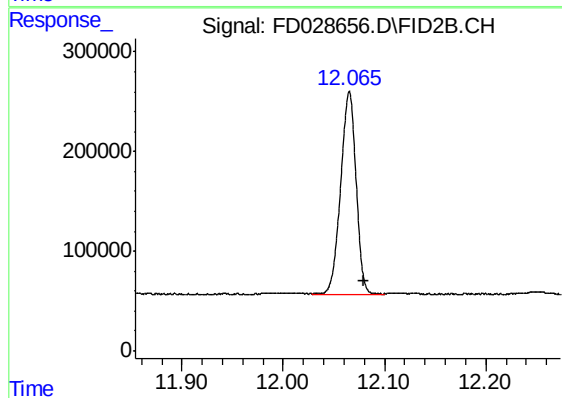
#10 Anthracene (C19.43)

R.T.: 10.328 min
Delta R.T.: -0.013 min
Response: 2085090
Conc: 19.41 ug/ml



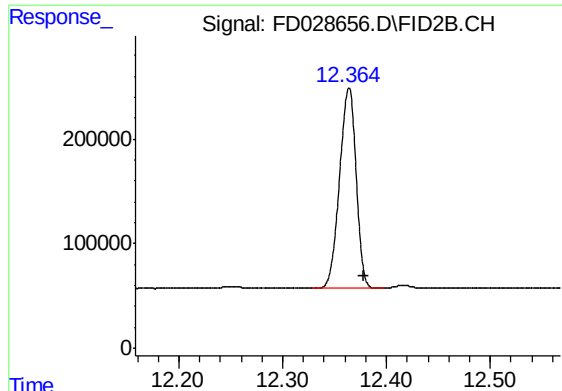
#11 ortho-Terphenyl (SURR)

R.T.: 11.016 min
Delta R.T.: -0.012 min
Response: 2154733
Conc: 19.37 ug/ml



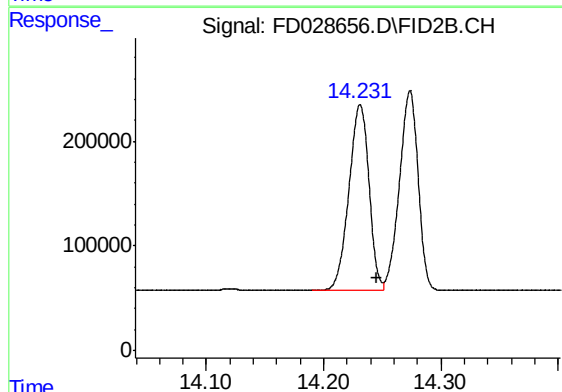
#12 Fluoranthene (C21.85)

R.T.: 12.065 min
Delta R.T.: -0.014 min
Response: 2136784
Conc: 19.76 ug/ml



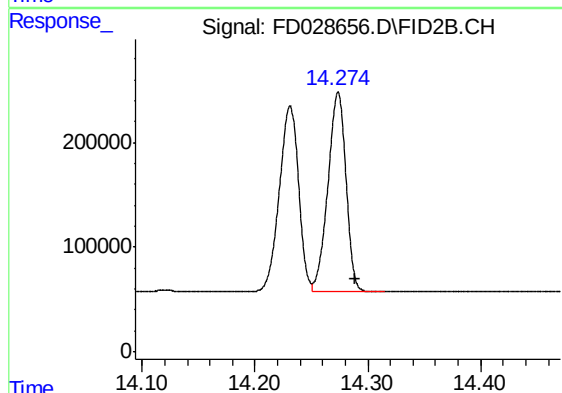
#13 Pyrene (C20.8)

R.T.: 12.364 min
Delta R.T.: -0.014 min
Response: 2133451
Conc: 19.81 ug/ml



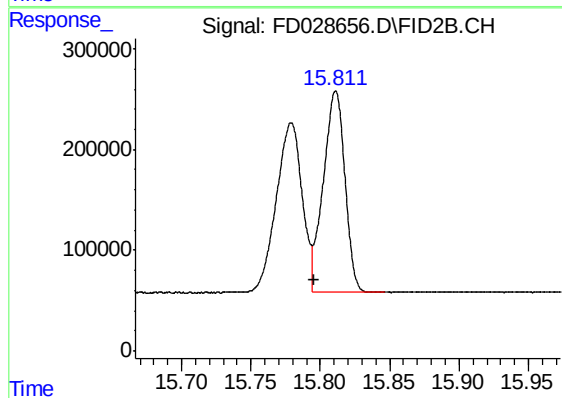
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.231 min
Delta R.T.: -0.014 min
Response: 2117690
Conc: 20.20 ug/ml



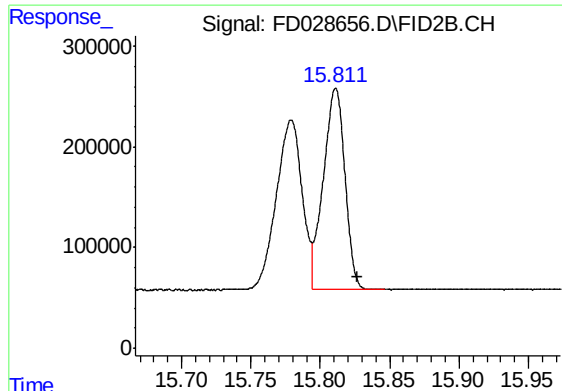
#15 Chrysene (C27.41)

R.T.: 14.274 min
Delta R.T.: -0.015 min
Response: 2122402
Conc: 20.27 ug/ml



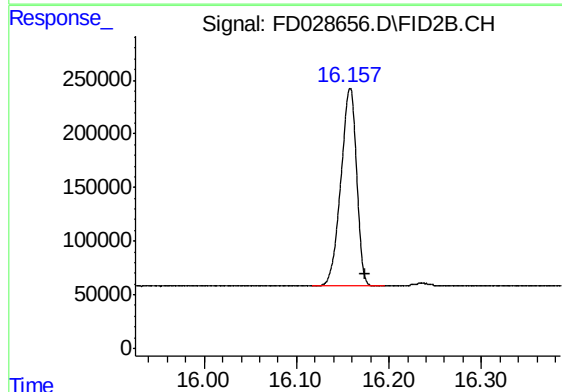
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.811 min
Delta R.T.: 0.016 min
Response: 2182059
Conc: 20.13 ug/ml



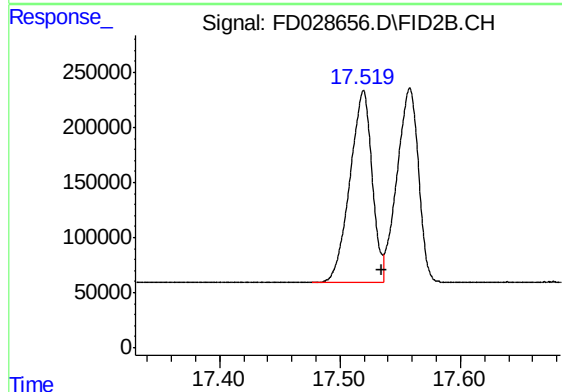
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.811 min
Delta R.T.: -0.016 min
Response: 2182059
Conc: 20.33 ug/ml



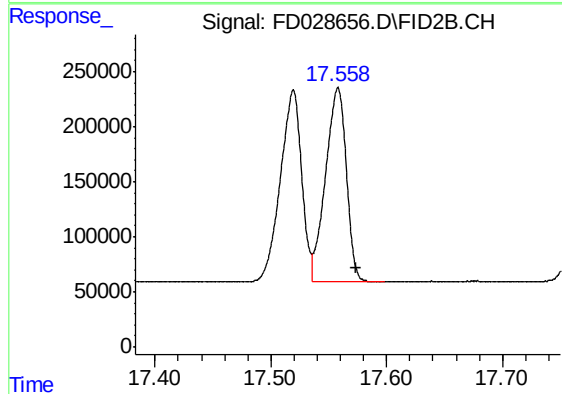
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.158 min
Delta R.T.: -0.016 min
Response: 2184939
Conc: 20.19 ug/ml



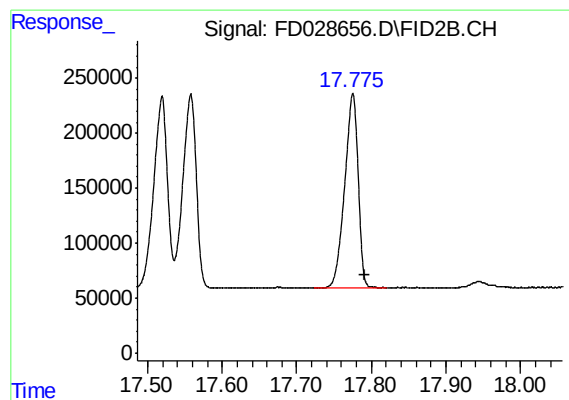
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.520 min
Delta R.T.: -0.016 min
Response: 2226797
Conc: 20.15 ug/ml



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

R.T.: 17.558 min
Delta R.T.: -0.016 min
Response: 2200881
Conc: 20.47 ug/ml



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

R.T.: 17.775 min
Delta R.T.: -0.016 min
Response: 2206982
Conc: 20.36 ug/ml