

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040419AR\
 Data File : FD028634.D
 Signal(s) : FID2B.CH
 Acq On : 04 Apr 2019 13:31
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 05 03:23:19 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...	7.112	1866929	19.678 ug/ml
Spiked Amount 50.000		Recovery =	39.36%
6) S 2-Fluorobiphenyl (SURR)	7.979	1261630	19.352 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.70%
11) S ortho-Terphenyl (SURR)	11.018	2084214	18.732 ug/ml
Spiked Amount 50.000		Recovery =	37.46%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.934	2016773	20.616 ug/ml
2) T Naphthalene (C11.7)	5.456	2143603	20.120 ug/ml
3) T 2-Methylnaphthalene (...)	6.505	2121161	19.827 ug/ml
5) T Acenaphthylene (C15.06)	7.782	2009731	19.408 ug/ml
7) T Acenaphthene (C15.5)	8.078	2104127	19.397 ug/ml
8) T Flouorene (C16.55)	8.858	2080307	19.135 ug/ml
9) T Phenanthrene (C19.36)	10.256	2055241	18.979 ug/ml
10) T Anthracene (C19.43)	10.330	2017813	18.784 ug/ml
12) T Fluoranthene (C21.85)	12.067	2062929	19.081 ug/ml
13) T Pyrene (C20.8)	12.366	2063226	19.159 ug/ml
14) T Benzo[a]anthracene (C...	14.233	2071756	19.760 ug/ml
15) T Chrysene (C27.41)	14.276	2076714	19.834 ug/ml
16) T benzo[b]fluoranthene ...	15.781	2162442	19.951 ug/ml
17) T Bnezo[k]fluoranthene ...	15.814	2135266	19.897 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.160	2150115	19.872 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.522	2182348	19.748 ug/ml
20) T Dibenz[a,h]anthracene...	17.561	2151245	20.012 ug/ml
21) T Benzo[g,h,i]perylene ...	17.778	2168293	20.008 ug/ml

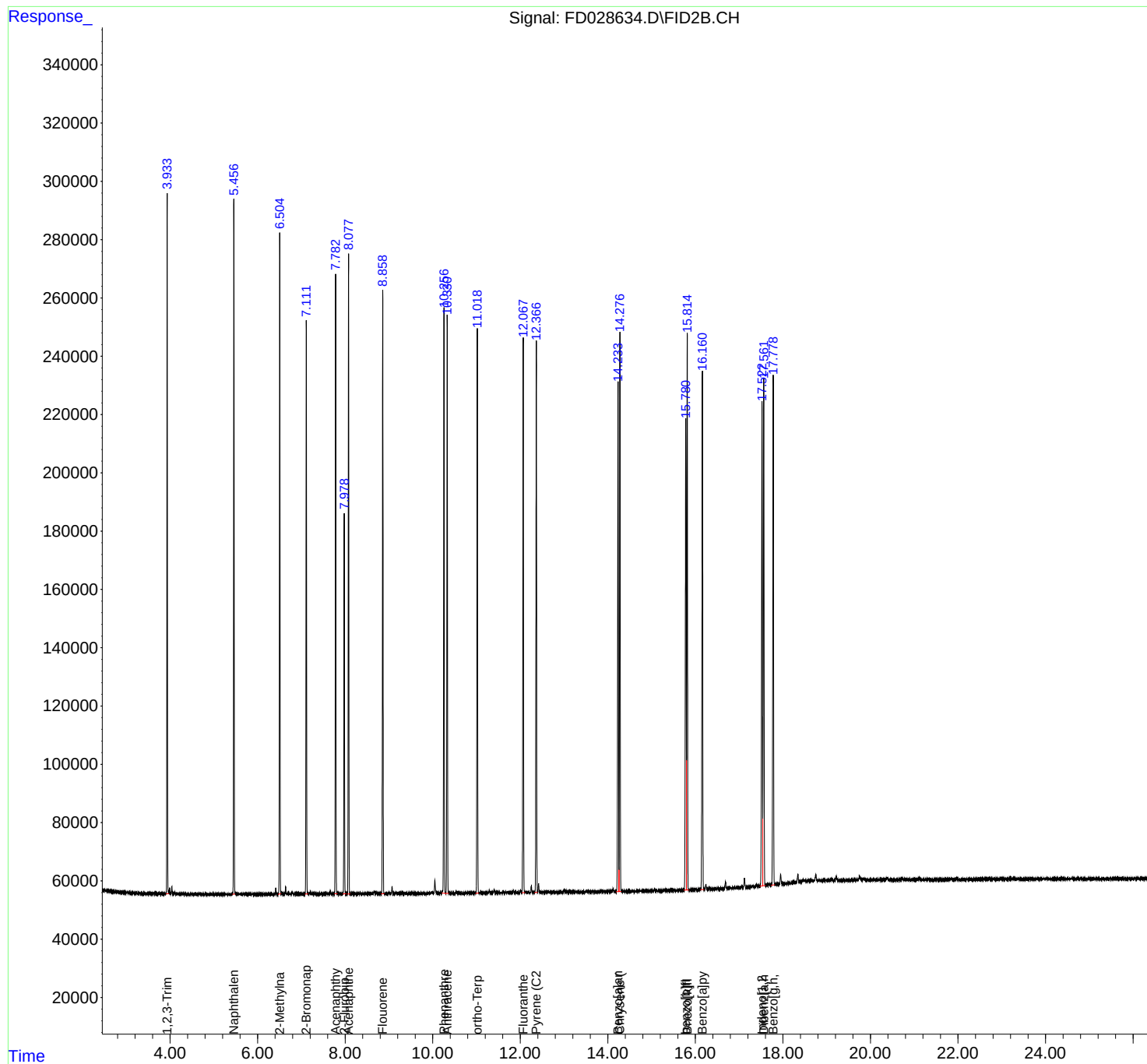
(f)=RT Delta > 1/2 Window

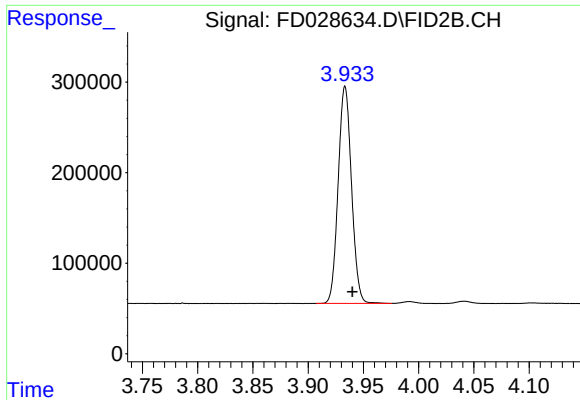
(m)=manual int.

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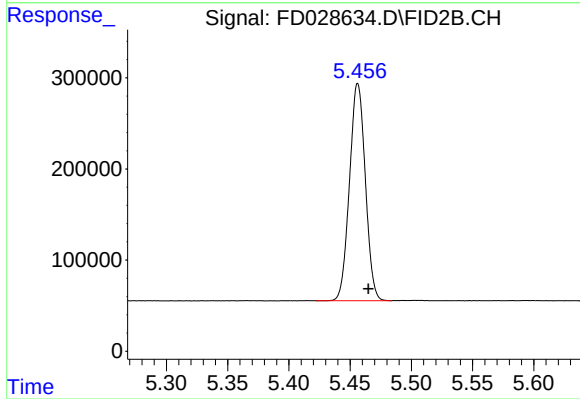
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Signal Info : 20M x 0.18mm x 0.18µm





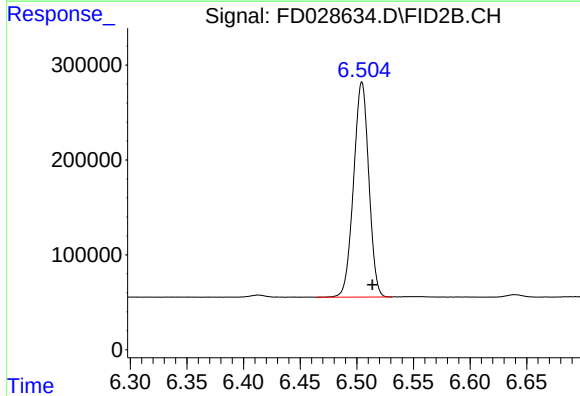
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.934 min
Delta R.T.: -0.006 min
Response: 2016773
Conc: 20.62 ug/ml



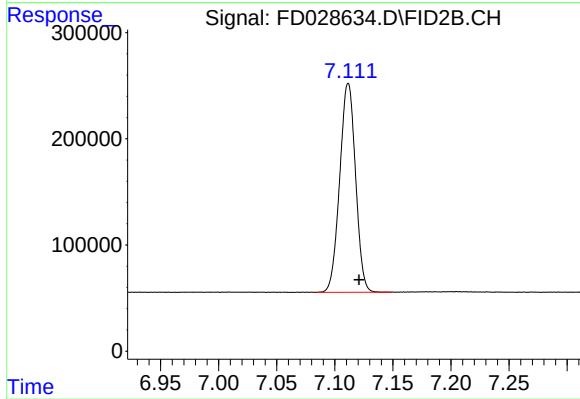
#2 Naphthalene (C11.7)

R.T.: 5.456 min
Delta R.T.: -0.009 min
Response: 2143603
Conc: 20.12 ug/ml



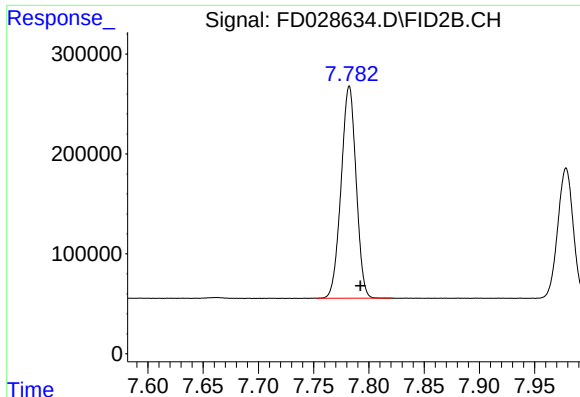
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.505 min
Delta R.T.: -0.009 min
Response: 2121161
Conc: 19.83 ug/ml



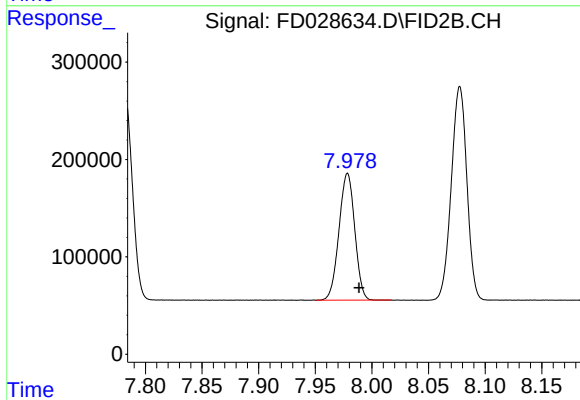
#4 2-Bromonaphthalene (SURR)

R.T.: 7.112 min
Delta R.T.: -0.009 min
Response: 1866929
Conc: 19.68 ug/ml



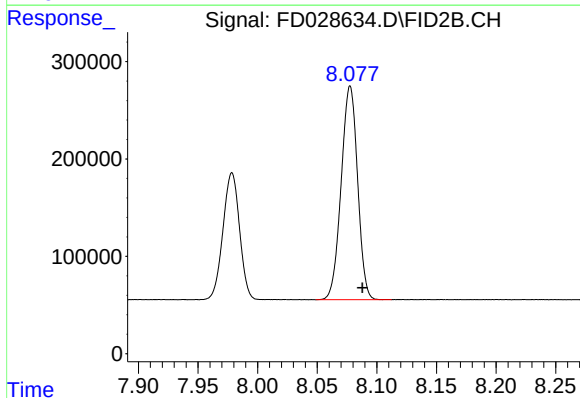
#5 Acenaphthylene (C15.06)

R.T.: 7.782 min
Delta R.T.: -0.010 min
Response: 2009731
Conc: 19.41 ug/ml



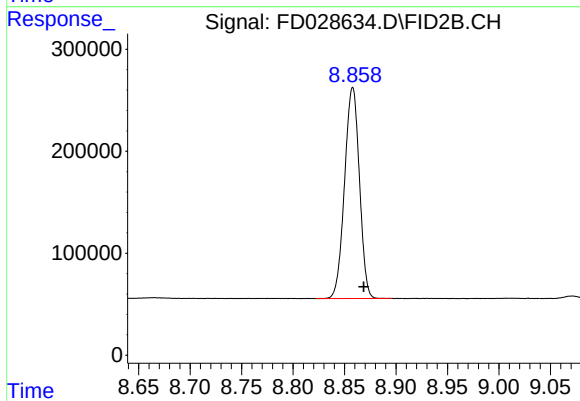
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.979 min
Delta R.T.: -0.010 min
Response: 1261630
Conc: 19.35 ug/ml



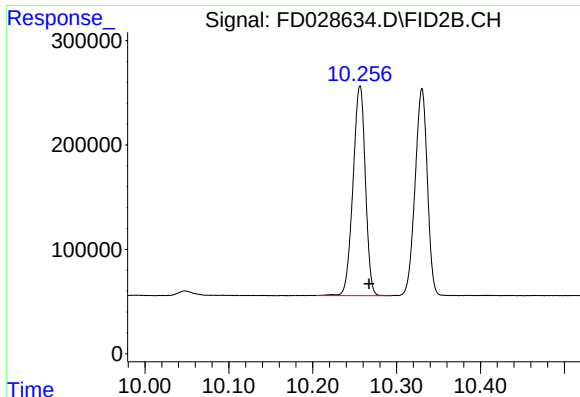
#7 Acenaphthene (C15.5)

R.T.: 8.078 min
Delta R.T.: -0.010 min
Response: 2104127
Conc: 19.40 ug/ml



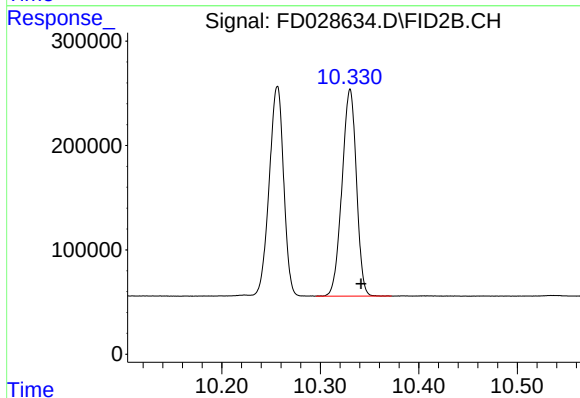
#8 Flouorene (C16.55)

R.T.: 8.858 min
Delta R.T.: -0.011 min
Response: 2080307
Conc: 19.13 ug/ml



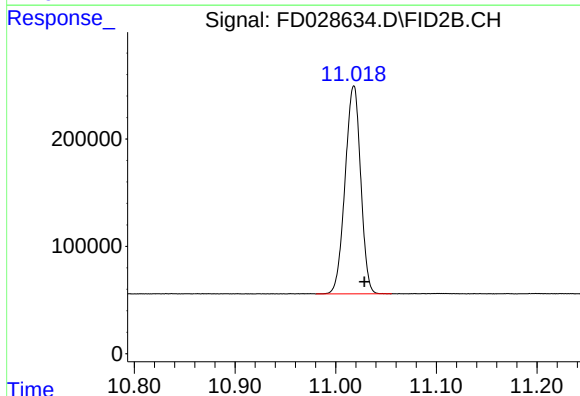
#9 Phenanthrene (C19.36)

R.T.: 10.256 min
Delta R.T.: -0.011 min
Response: 2055241
Conc: 18.98 ug/ml



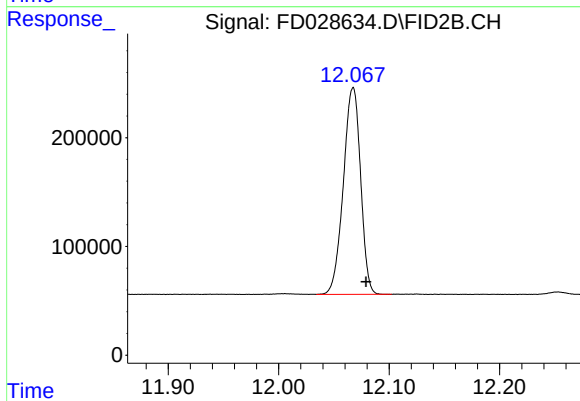
#10 Anthracene (C19.43)

R.T.: 10.330 min
Delta R.T.: -0.011 min
Response: 2017813
Conc: 18.78 ug/ml



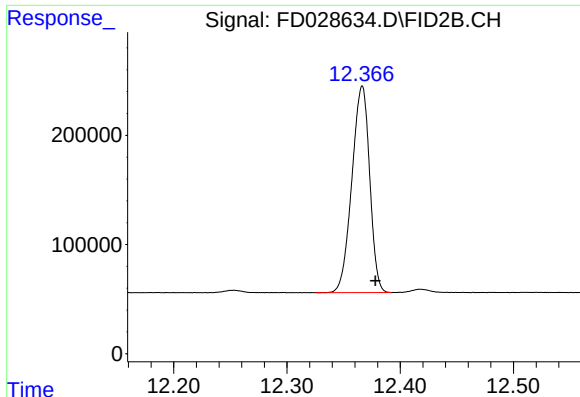
#11 ortho-Terphenyl (SURR)

R.T.: 11.018 min
Delta R.T.: -0.011 min
Response: 2084214
Conc: 18.73 ug/ml



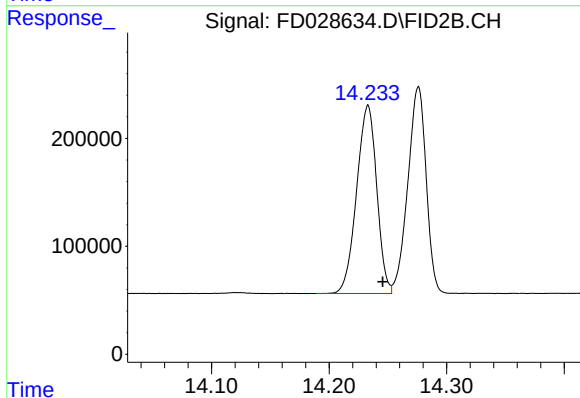
#12 Fluoranthene (C21.85)

R.T.: 12.067 min
Delta R.T.: -0.012 min
Response: 2062929
Conc: 19.08 ug/ml



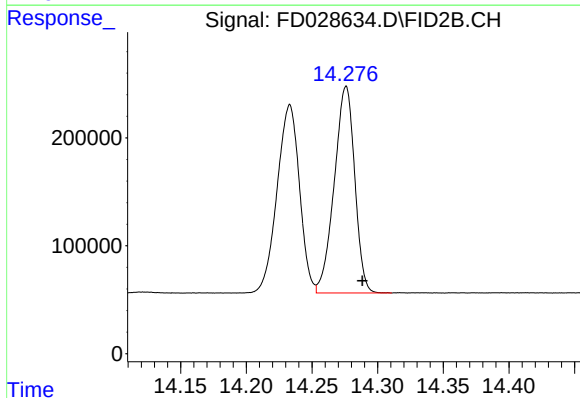
#13 Pyrene (C20.8)

R.T.: 12.366 min
Delta R.T.: -0.012 min
Response: 2063226
Conc: 19.16 ug/ml



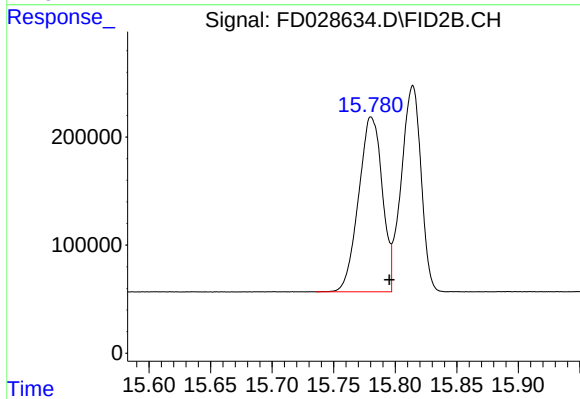
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.233 min
Delta R.T.: -0.013 min
Response: 2071756
Conc: 19.76 ug/ml



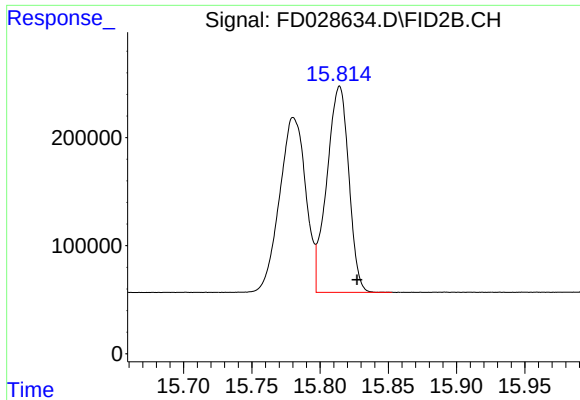
#15 Chrysene (C27.41)

R.T.: 14.276 min
Delta R.T.: -0.012 min
Response: 2076714
Conc: 19.83 ug/ml



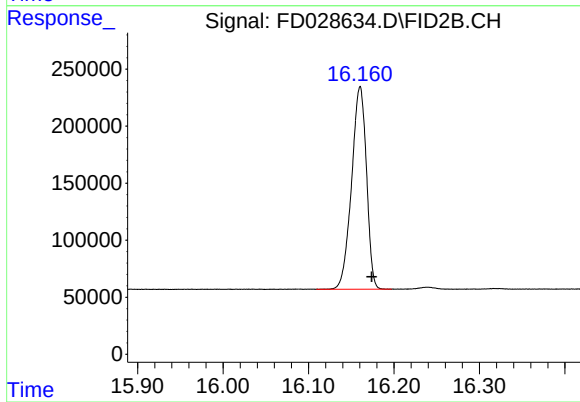
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.781 min
Delta R.T.: -0.015 min
Response: 2162442
Conc: 19.95 ug/ml



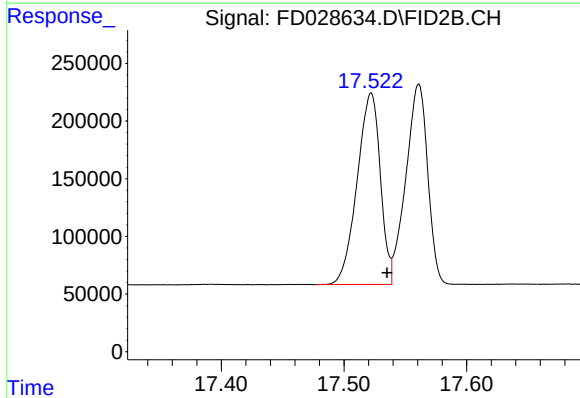
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.814 min
Delta R.T.: -0.013 min
Response: 2135266
Conc: 19.90 ug/ml



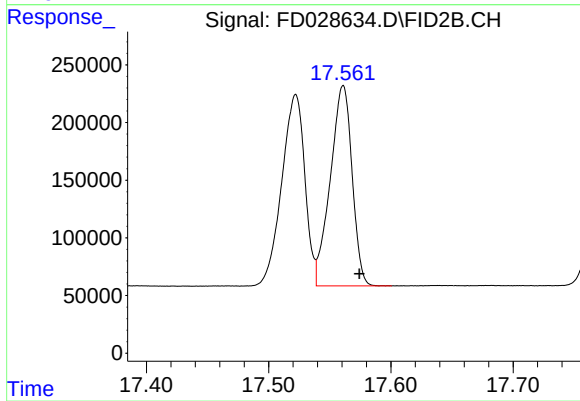
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.160 min
Delta R.T.: -0.013 min
Response: 2150115
Conc: 19.87 ug/ml



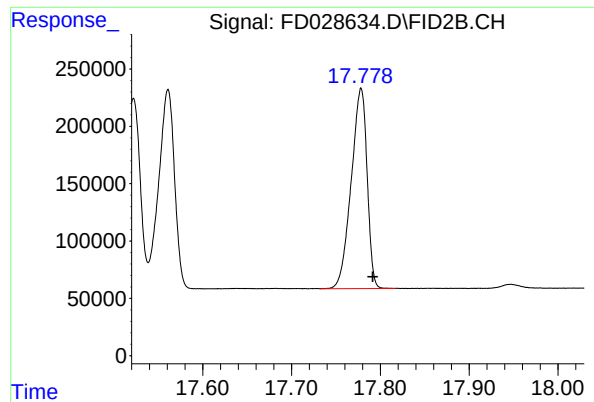
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.522 min
Delta R.T.: -0.013 min
Response: 2182348
Conc: 19.75 ug/ml



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

R.T.: 17.561 min
Delta R.T.: -0.013 min
Response: 2151245
Conc: 20.01 ug/ml



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

R.T.: 17.778 min
Delta R.T.: -0.013 min
Response: 2168293
Conc: 20.01 ug/ml