

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070618AR\
 Data File : FD024905.D
 Signal(s) : FID2B.CH
 Acq On : 07 Jul 2018 12:03
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 09 01:16:14 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062118.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 22 09:02:19 2018
 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...	7.473	1956907	21.392 ug/ml
Spiked Amount 50.000		Recovery =	42.78%
6) S 2-Fluorobiphenyl (SURR)	8.328	1264208	19.933 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.87%
11) S ortho-Terphenyl (SURR)	11.376	1837091	18.306 ug/ml
Spiked Amount 50.000		Recovery =	36.61%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.269	2180233	23.459 ug/ml
2) T Naphthalene (C11.7)	5.806	2303622	22.702 ug/ml
3) T 2-Methylnaphthalene (...)	6.859	2220130	21.836 ug/ml
5) T Acenaphthylene (C15.06)	8.131	2014918	20.180 ug/ml
7) T Acenaphthene (C15.5)	8.427	2090363	20.011 ug/ml
8) T Fluorene (C16.55)	9.208	1990208	19.048 ug/ml
9) T Phenanthrene (C19.36)	10.600	1856613	18.057 ug/ml
10) T Anthracene (C19.43)	10.675	1796489	17.621 ug/ml
12) T Fluoranthene (C21.85)	12.409	1861548	18.669 ug/ml
13) T Pyrene (C20.8)	12.704	1875287	18.859 ug/ml
14) T Benzo[a]anthracene (C...	14.576	1921655	20.469 ug/ml
15) T Chrysene (C27.41)	14.618	1934533	20.449 ug/ml
16) T benzo[b]fluoranthene ...	16.125	2025257	19.585 ug/ml
17) T Bnezo[k]fluoranthene ...	16.157	2034597	19.281 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.500	2017414	19.413 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.863	1994103	18.708 ug/mlm
20) T Dibenz[a,h]anthracene...	17.906	2018555	19.300 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.118	2007562	18.901 ug/ml

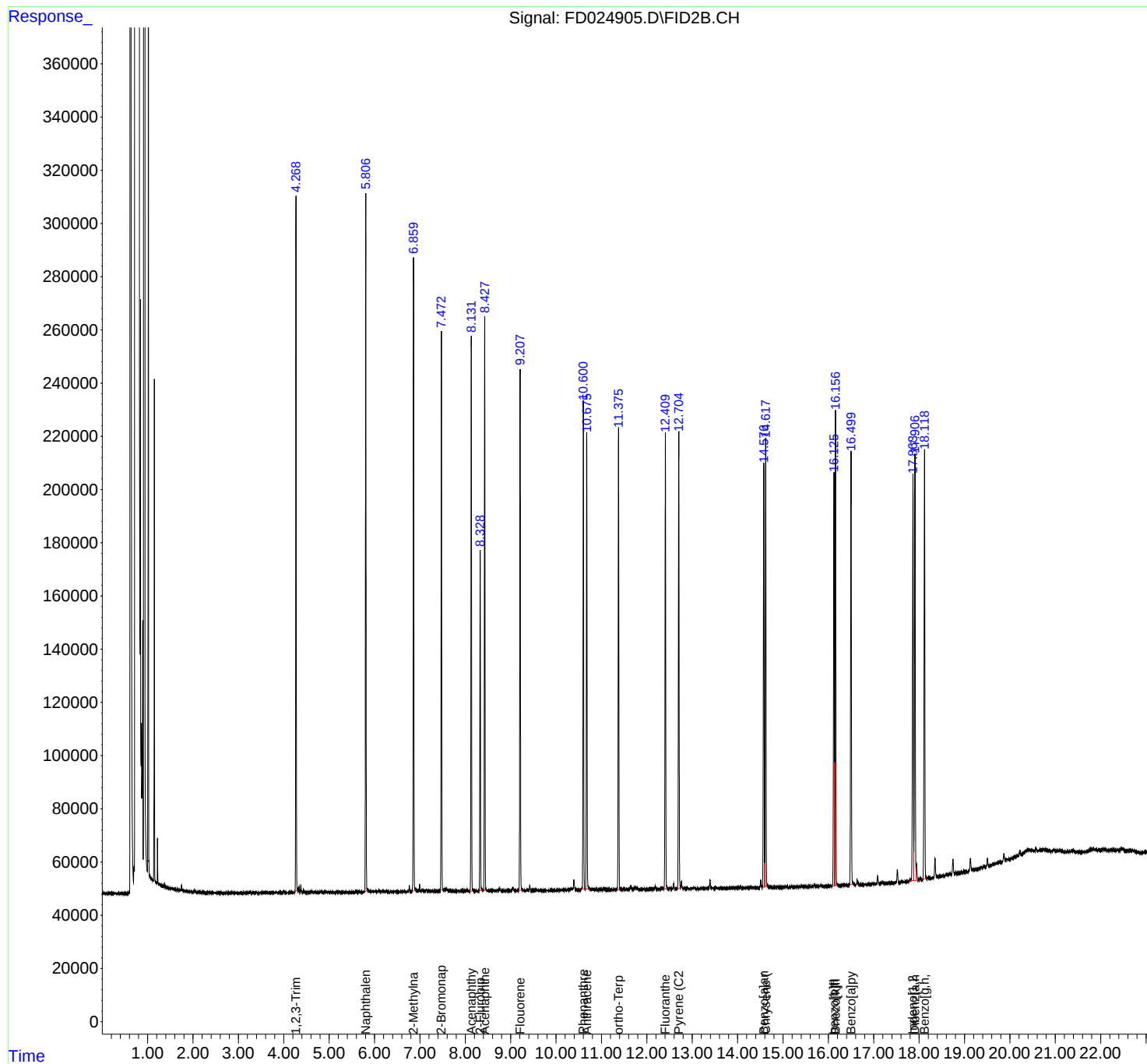
(f)=RT Delta > 1/2 Window

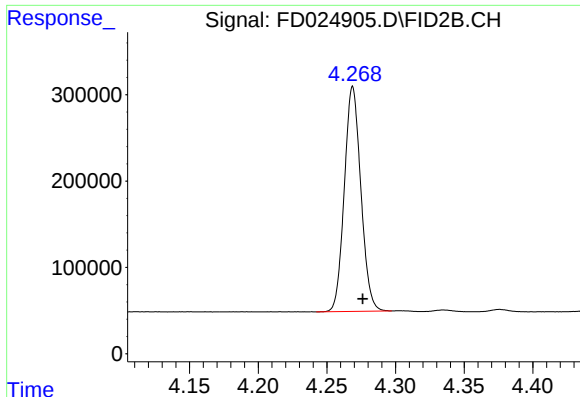
(m)=manual int.

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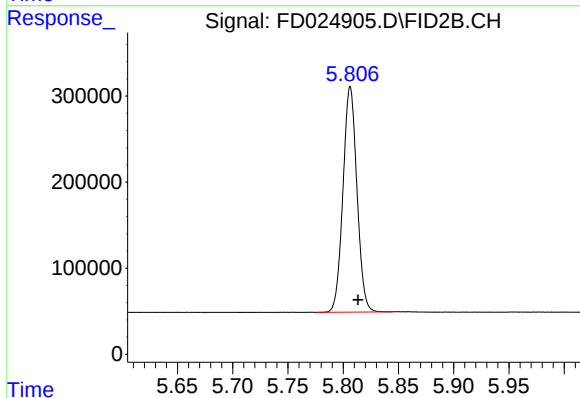
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





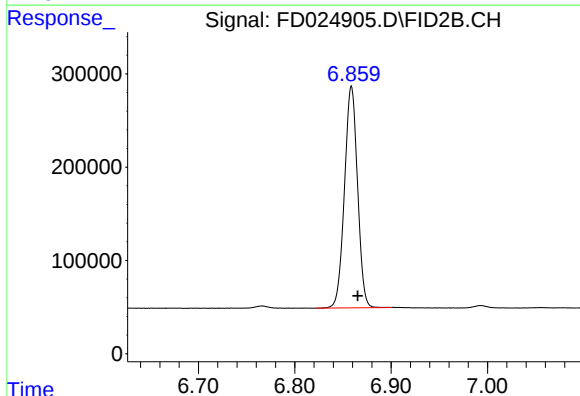
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.269 min
Delta R.T.: -0.007 min
Response: 2180233
Conc: 23.46 ug/ml



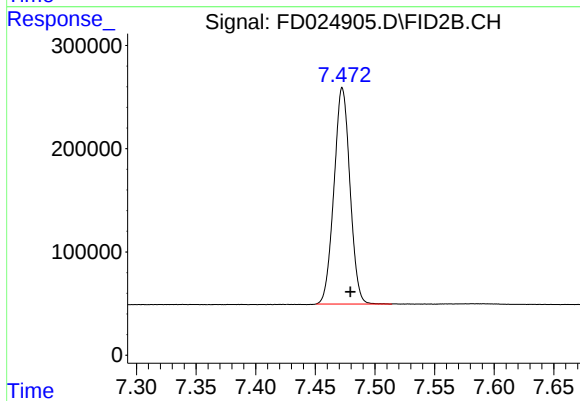
#2 Naphthalene (C11.7)

R.T.: 5.806 min
Delta R.T.: -0.007 min
Response: 2303622
Conc: 22.70 ug/ml



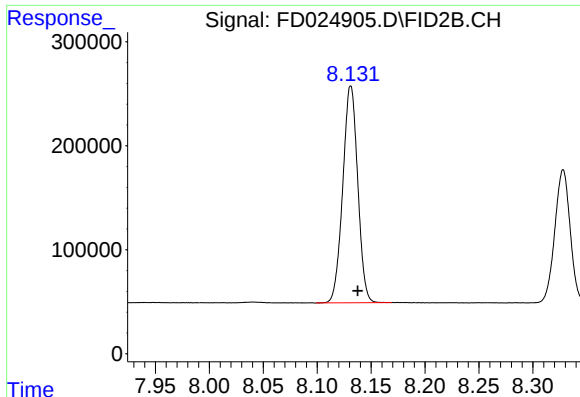
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.859 min
Delta R.T.: -0.006 min
Response: 2220130
Conc: 21.84 ug/ml



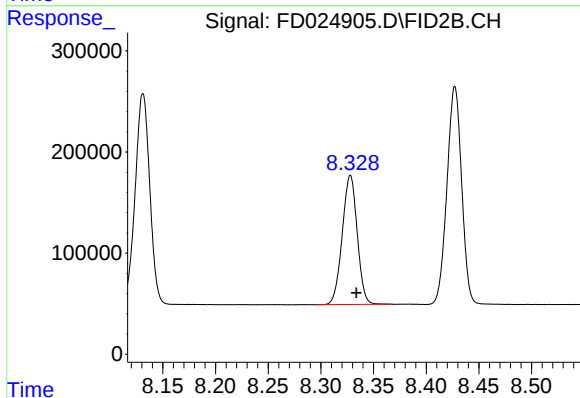
#4 2-Bromonaphthalene (SURR)

R.T.: 7.473 min
Delta R.T.: -0.007 min
Response: 1956907
Conc: 21.39 ug/ml



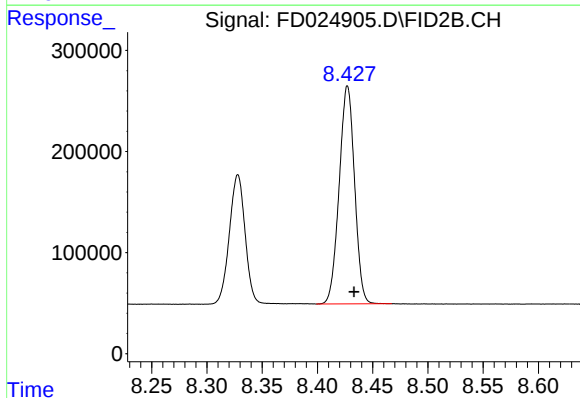
#5 Acenaphthylene (C15.06)

R.T.: 8.131 min
Delta R.T.: -0.006 min
Response: 2014918
Conc: 20.18 ug/ml



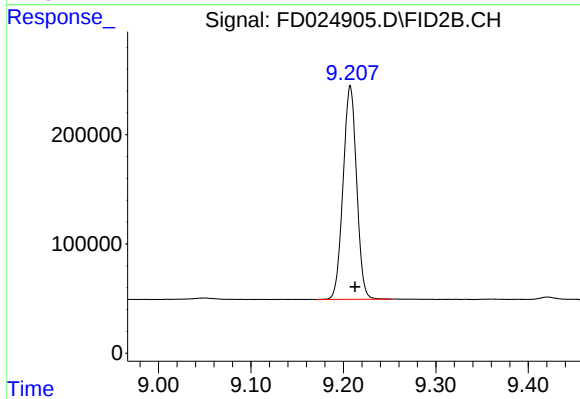
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.328 min
Delta R.T.: -0.006 min
Response: 1264208
Conc: 19.93 ug/ml



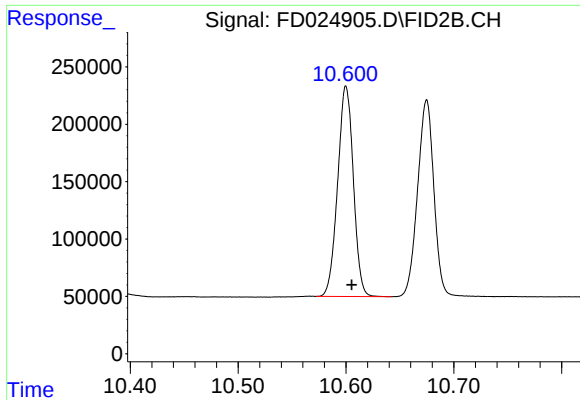
#7 Acenaphthene (C15.5)

R.T.: 8.427 min
Delta R.T.: -0.006 min
Response: 2090363
Conc: 20.01 ug/ml



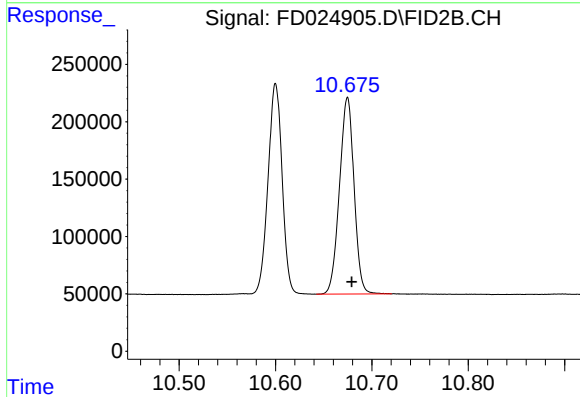
#8 Fluorene (C16.55)

R.T.: 9.208 min
Delta R.T.: -0.005 min
Response: 1990208
Conc: 19.05 ug/ml



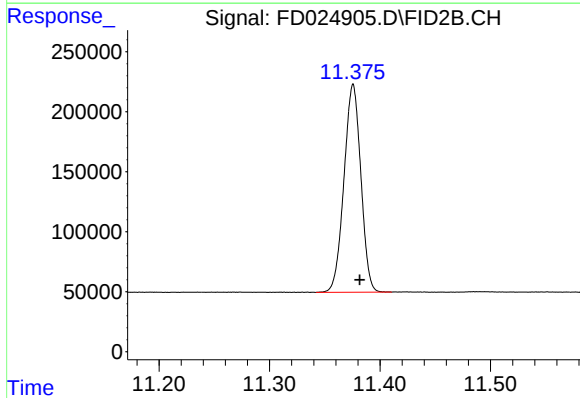
#9 Phenanthrene (C19.36)

R.T.: 10.600 min
Delta R.T.: -0.005 min
Response: 1856613
Conc: 18.06 ug/ml



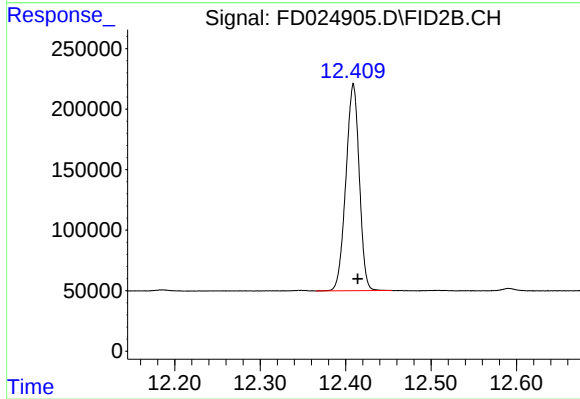
#10 Anthracene (C19.43)

R.T.: 10.675 min
Delta R.T.: -0.004 min
Response: 1796489
Conc: 17.62 ug/ml



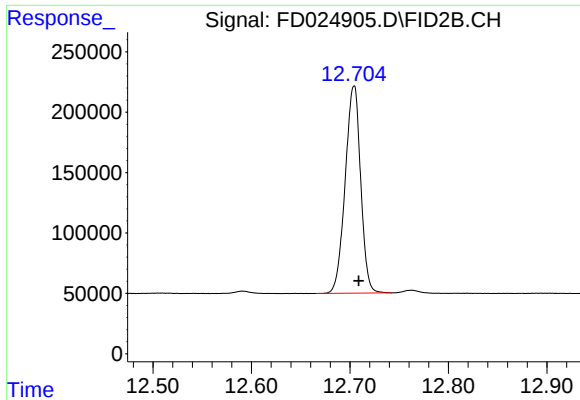
#11 ortho-Terphenyl (SURR)

R.T.: 11.376 min
Delta R.T.: -0.006 min
Response: 1837091
Conc: 18.31 ug/ml



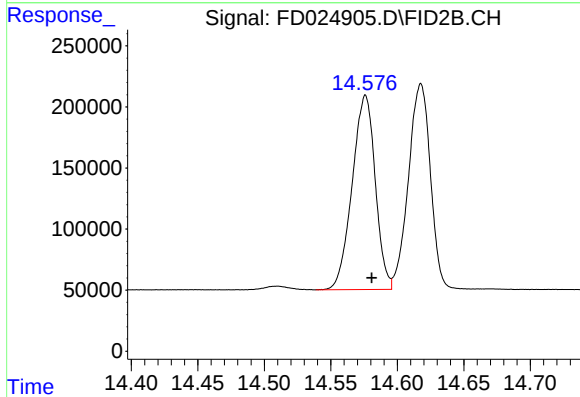
#12 Fluoranthene (C21.85)

R.T.: 12.409 min
Delta R.T.: -0.005 min
Response: 1861548
Conc: 18.67 ug/ml



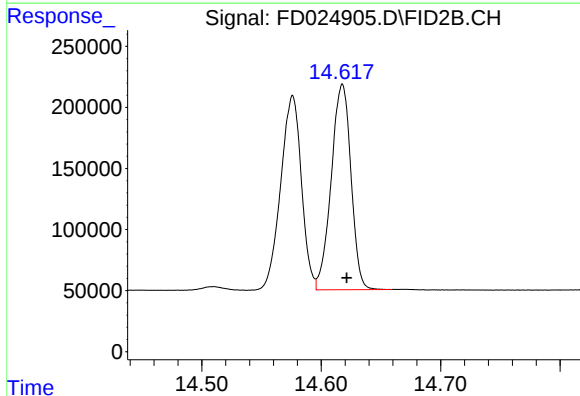
#13 Pyrene (C20.8)

R.T.: 12.704 min
Delta R.T.: -0.005 min
Response: 1875287
Conc: 18.86 ug/ml



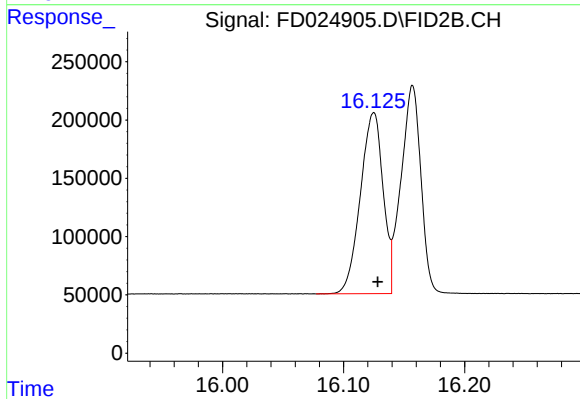
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.576 min
Delta R.T.: -0.005 min
Response: 1921655
Conc: 20.47 ug/ml



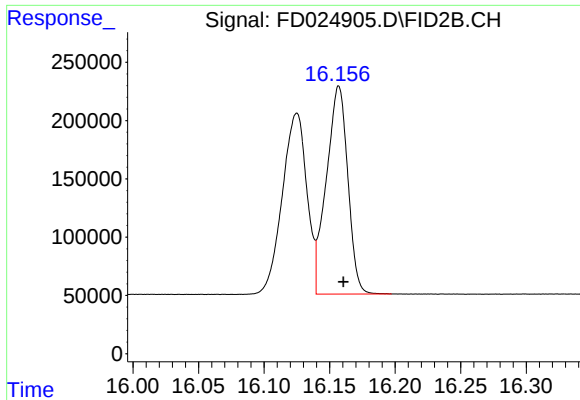
#15 Chrysene (C27.41)

R.T.: 14.618 min
Delta R.T.: -0.004 min
Response: 1934533
Conc: 20.45 ug/ml



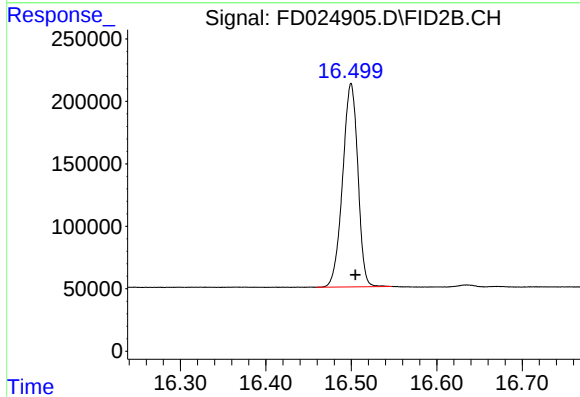
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.125 min
Delta R.T.: -0.003 min
Response: 2025257
Conc: 19.58 ug/ml



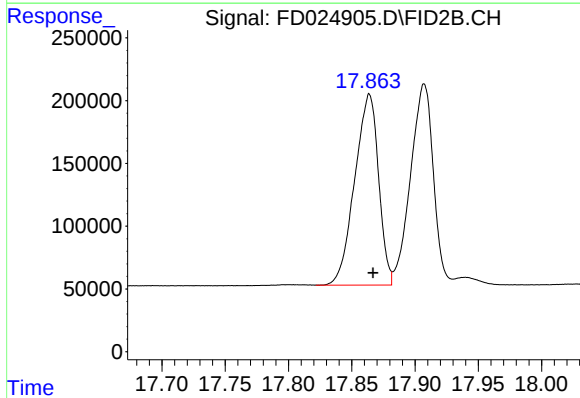
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.157 min
Delta R.T.: -0.004 min
Response: 2034597
Conc: 19.28 ug/ml



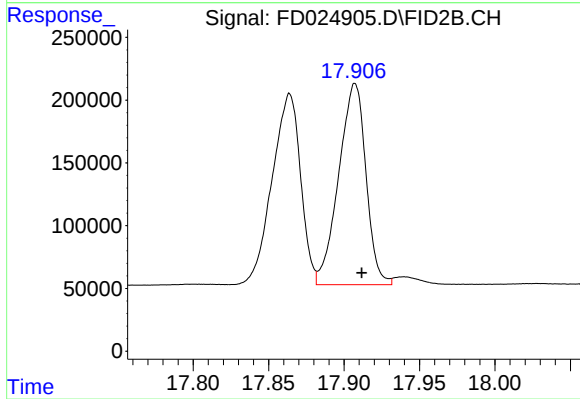
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.500 min
Delta R.T.: -0.005 min
Response: 2017414
Conc: 19.41 ug/ml



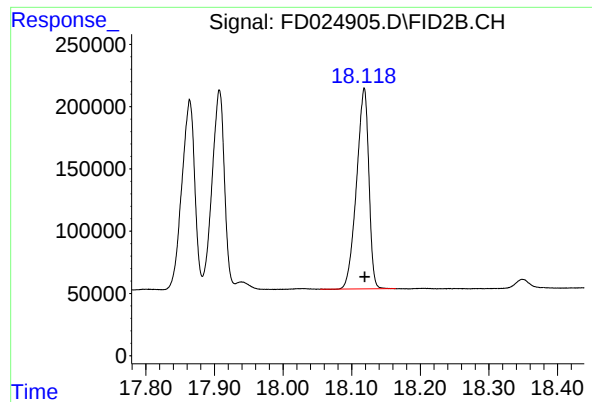
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.863 min
Delta R.T.: -0.004 min
Response: 1994103
Conc: 18.71 ug/ml m



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

R.T.: 17.906 min
Delta R.T.: -0.005 min
Response: 2018555
Conc: 19.30 ug/ml m



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

R.T.: 18.118 min
Delta R.T.: 0.000 min
Response: 2007562
Conc: 18.90 ug/ml