

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121218AR\
 Data File : FD026840.D
 Signal(s) : FID2B.CH
 Acq On : 12 Dec 2018 12:09
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 12 12:39:40 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 120718.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 08 06:21:56 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...	7.377	1614922	19.609 ug/ml
Spiked Amount 50.000		Recovery =	39.22%
6) S 2-Fluorobiphenyl (SURR)	8.227	1100266	19.473 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.95%
11) S ortho-Terphenyl (SURR)	11.273	1857001	19.594 ug/ml
Spiked Amount 50.000		Recovery =	39.19%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.180	1738985	19.696 ug/ml
2) T Naphthalene (C11.7)	5.712	1877713	19.726 ug/ml
3) T 2-Methylnaphthalene (...)	6.763	1847298	19.639 ug/ml
5) T Acenaphthylene (C15.06)	8.031	1777677	19.488 ug/ml
7) T Acenaphthene (C15.5)	8.327	1858713	19.458 ug/ml
8) T Flouorene (C16.55)	9.105	1837957	19.371 ug/ml
9) T Phenanthrene (C19.36)	10.495	1853760	19.466 ug/ml
10) T Anthracene (C19.43)	10.570	1853801	19.621 ug/ml
12) T Fluoranthene (C21.85)	12.301	1935169	20.066 ug/ml
13) T Pyrene (C20.8)	12.595	1955594	20.228 ug/ml
14) T Benzo[a]anthracene (C...	14.465	1951930	20.719 ug/ml
15) T Chrysene (C27.41)	14.507	1963022	20.755 ug/ml
16) T benzo[b]fluoranthene ...	16.011	2013208	20.218 ug/ml
17) T Bnezo[k]fluoranthene ...	16.043	2015401	20.343 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.386	2008461	20.046 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.747	1965660	18.498 ug/ml
20) T Dibenz[a,h]anthracene...	17.791	1952565	19.362 ug/ml
21) T Benzo[g,h,i]perylene ...	18.001	1995880	19.003 ug/ml

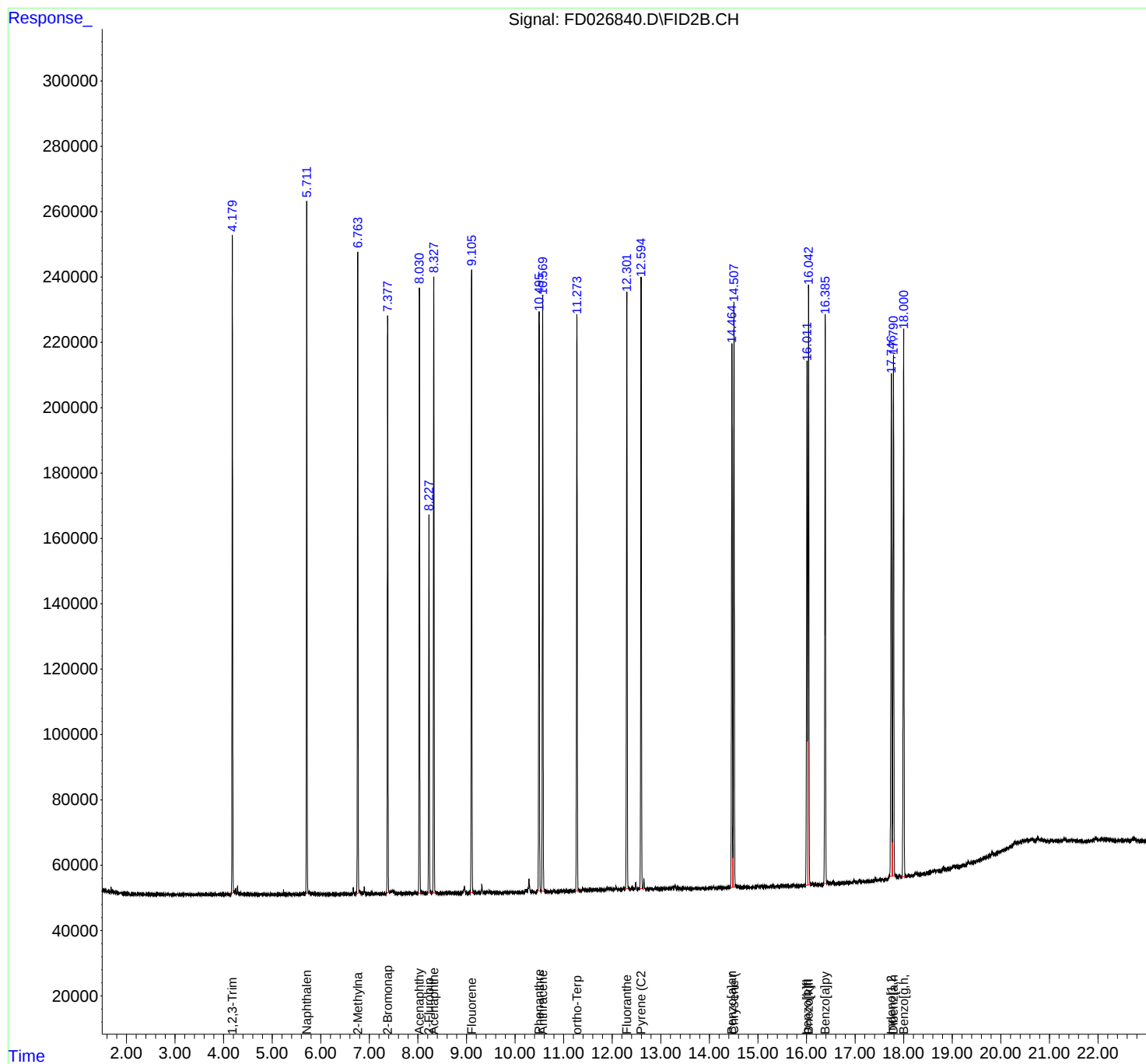
(f)=RT Delta > 1/2 Window

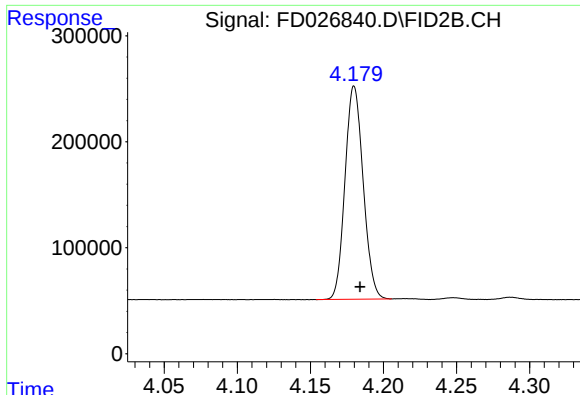
(m)=manual int.

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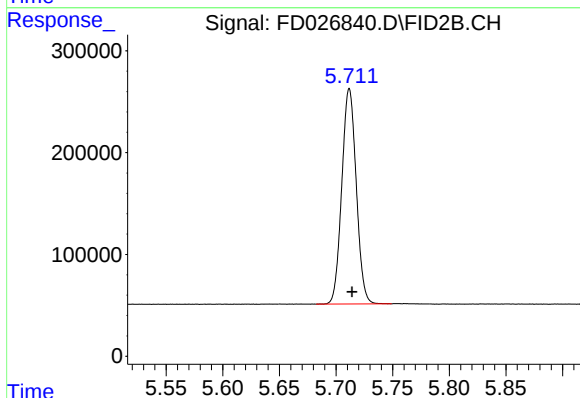
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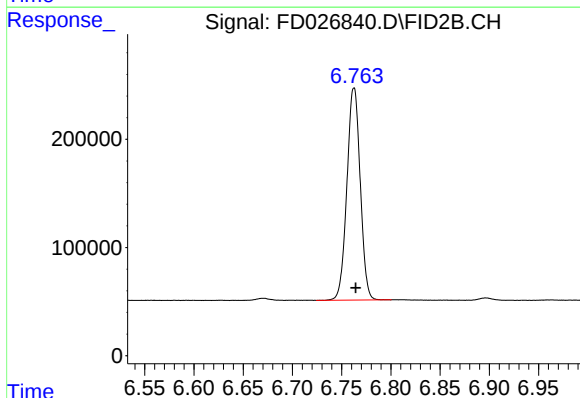
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.180 min
Delta R.T.: -0.004 min
Response: 1738985
Conc: 19.70 ug/ml



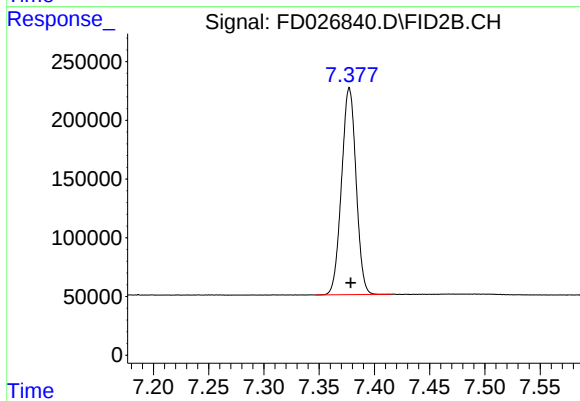
#2 Naphthalene (C11.7)

R.T.: 5.712 min
Delta R.T.: -0.002 min
Response: 1877713
Conc: 19.73 ug/ml



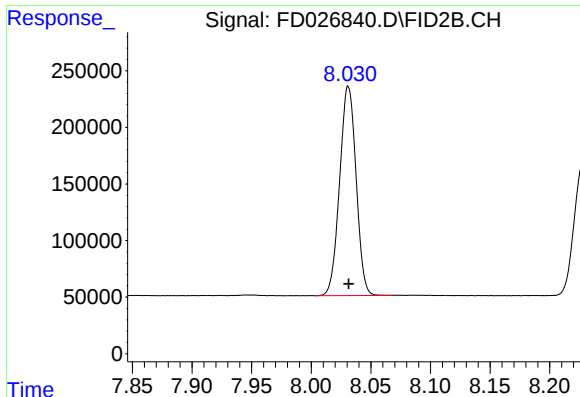
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.763 min
Delta R.T.: -0.002 min
Response: 1847298
Conc: 19.64 ug/ml



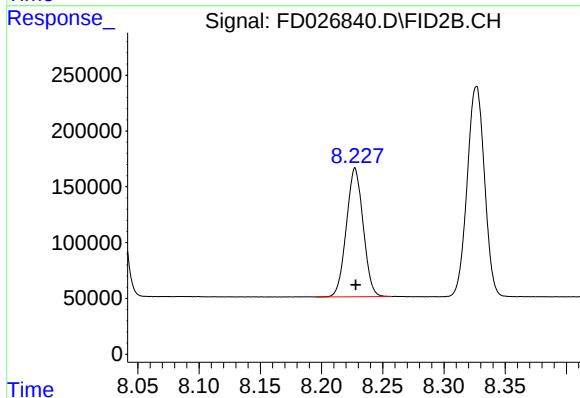
#4 2-Bromonaphthalene (SURR)

R.T.: 7.377 min
Delta R.T.: -0.001 min
Response: 1614922
Conc: 19.61 ug/ml



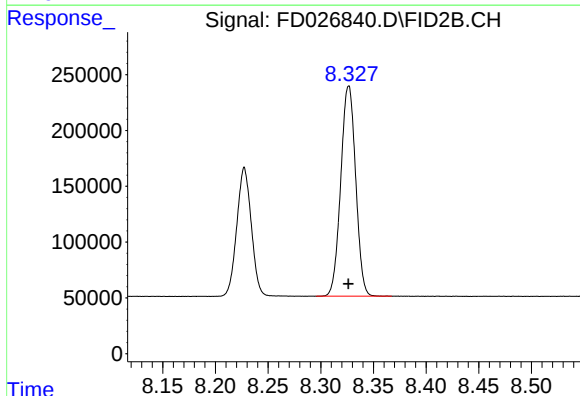
#5 Acenaphthylene (C15.06)

R.T.: 8.031 min
Delta R.T.: 0.000 min
Response: 1777677
Conc: 19.49 ug/ml



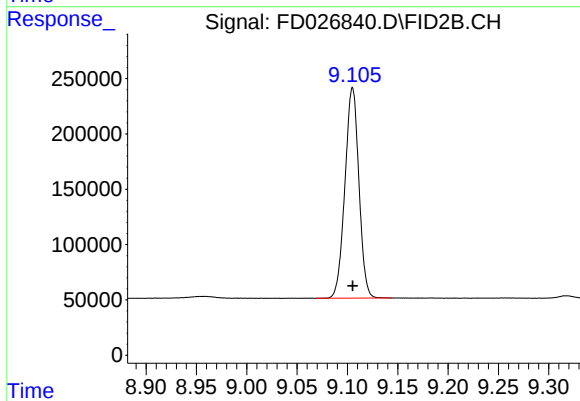
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.227 min
Delta R.T.: 0.000 min
Response: 1100266
Conc: 19.47 ug/ml



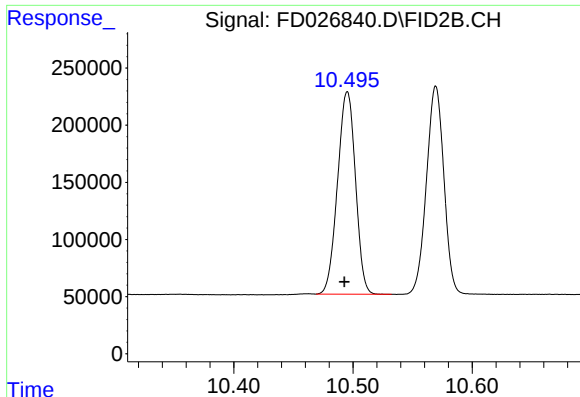
#7 Acenaphthene (C15.5)

R.T.: 8.327 min
Delta R.T.: 0.000 min
Response: 1858713
Conc: 19.46 ug/ml



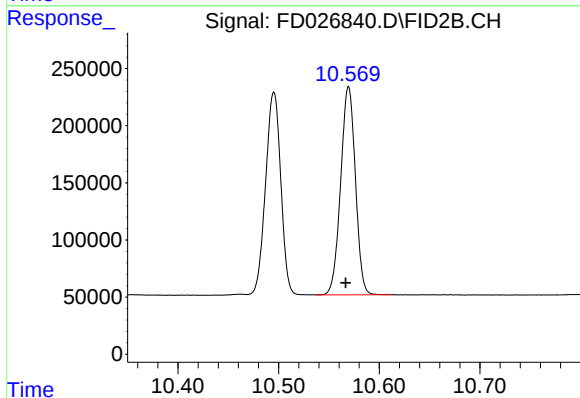
#8 Fluorene (C16.55)

R.T.: 9.105 min
Delta R.T.: 0.000 min
Response: 1837957
Conc: 19.37 ug/ml



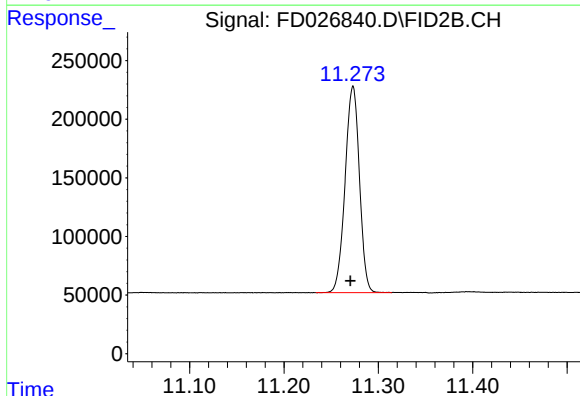
#9 Phenanthrene (C19.36)

R.T.: 10.495 min
Delta R.T.: 0.003 min
Response: 1853760
Conc: 19.47 ug/ml



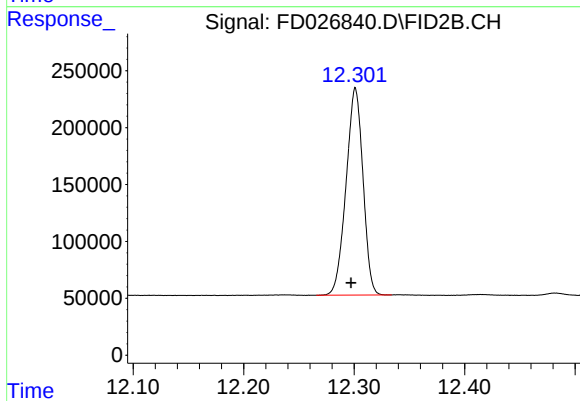
#10 Anthracene (C19.43)

R.T.: 10.570 min
Delta R.T.: 0.003 min
Response: 1853801
Conc: 19.62 ug/ml



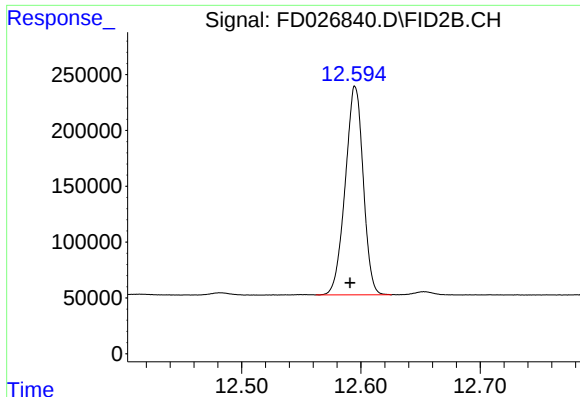
#11 ortho-Terphenyl (SURR)

R.T.: 11.273 min
Delta R.T.: 0.003 min
Response: 1857001
Conc: 19.59 ug/ml



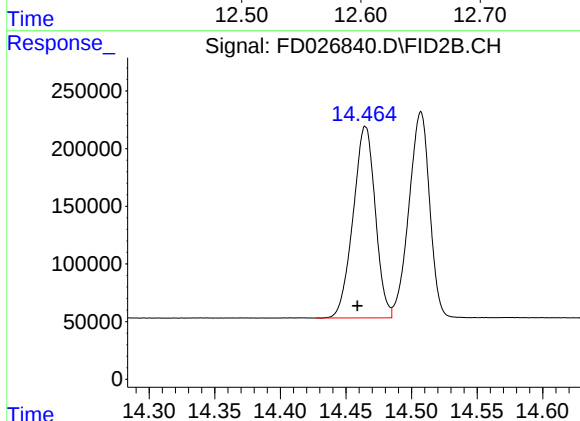
#12 Fluoranthene (C21.85)

R.T.: 12.301 min
Delta R.T.: 0.004 min
Response: 1935169
Conc: 20.07 ug/ml



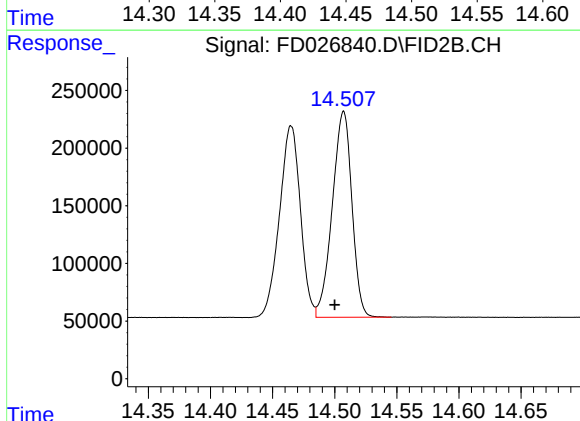
#13 Pyrene (C20.8)

R.T.: 12.595 min
Delta R.T.: 0.004 min
Response: 1955594
Conc: 20.23 ug/ml



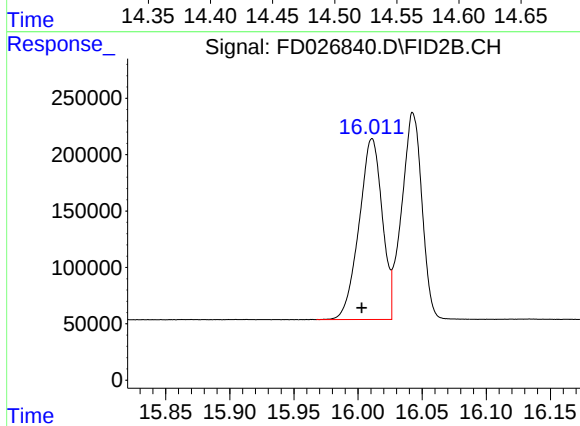
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.465 min
Delta R.T.: 0.006 min
Response: 1951930
Conc: 20.72 ug/ml



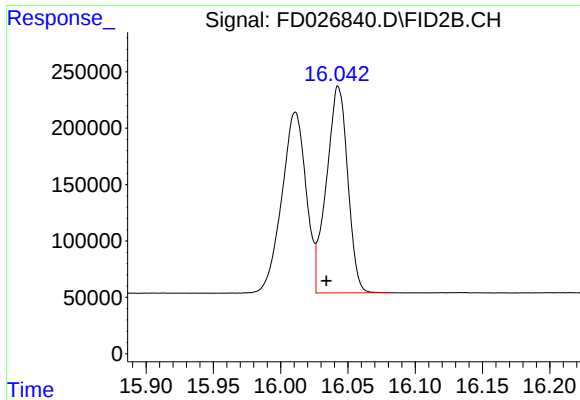
#15 Chrysene (C27.41)

R.T.: 14.507 min
Delta R.T.: 0.007 min
Response: 1963022
Conc: 20.75 ug/ml



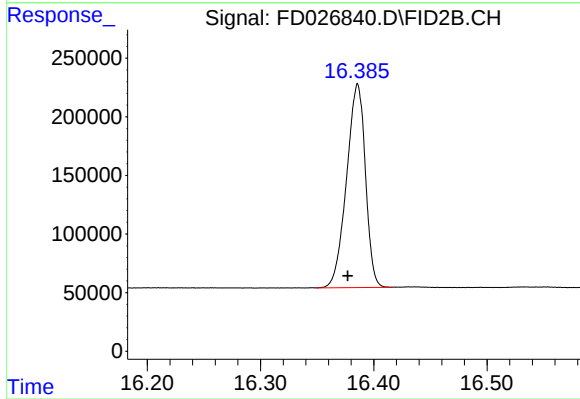
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.011 min
Delta R.T.: 0.008 min
Response: 2013208
Conc: 20.22 ug/ml



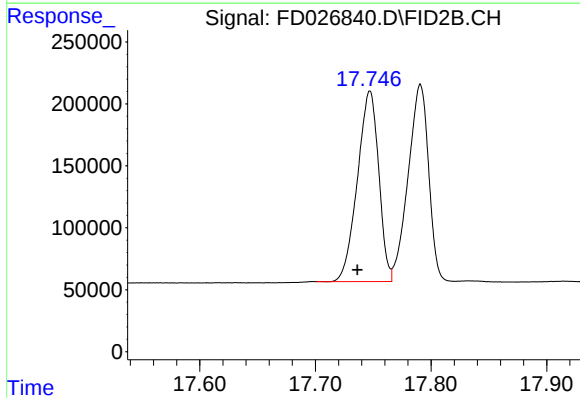
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.043 min
Delta R.T.: 0.009 min
Response: 2015401
Conc: 20.34 ug/ml



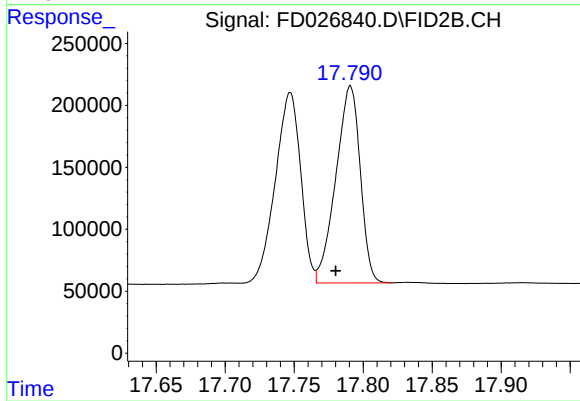
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.386 min
Delta R.T.: 0.009 min
Response: 2008461
Conc: 20.05 ug/ml



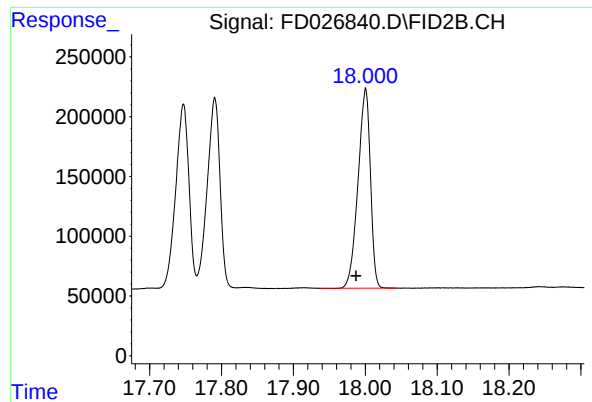
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.747 min
Delta R.T.: 0.011 min
Response: 1965660
Conc: 18.50 ug/ml



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

R.T.: 17.791 min
Delta R.T.: 0.011 min
Response: 1952565
Conc: 19.36 ug/ml



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

R.T.: 18.001 min
Delta R.T.: 0.013 min
Response: 1995880
Conc: 19.00 ug/ml