

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080819AR\
 Data File : FD029982.D
 Signal(s) : FID2B.CH
 Acq On : 08 Aug 2019 23:25
 Operator : DD\AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 09 05:38:45 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 080819.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 09 05:34:24 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...	7.670	1476581	9.833 ug/ml
Spiked Amount 50.000		Recovery =	19.67%
6) S 2-Fluorobiphenyl (SURR)	8.532	1002872	9.799 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	19.60%
11) S ortho-Terphenyl (SURR)	11.566	1603053	9.914 ug/ml
Spiked Amount 50.000		Recovery =	19.83%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.471	1586393	9.892 ug/ml
2) T Naphthalene (C11.7)	6.010	1668920	9.811 ug/ml
3) T 2-Methylnaphthalene (...)	7.060	1645496	9.816 ug/ml
5) T Acenaphthylene (C15.06)	8.335	1601875	9.913 ug/ml
7) T Acenaphthene (C15.5)	8.631	1650250	9.838 ug/ml
8) T Fluorene (C16.55)	9.409	1640728	9.860 ug/ml
9) T Phenanthrene (C19.36)	10.803	1629584	9.836 ug/ml
10) T Anthracene (C19.43)	10.877	1582232	9.845 ug/ml
12) T Fluoranthene (C21.85)	12.610	1620925	9.922 ug/ml
13) T Pyrene (C20.8)	12.906	1610116	9.933 ug/ml
14) T Benzo[a]anthracene (C...	14.772	1488187	9.916 ug/ml
15) T Chrysene (C27.41)	14.814	1497924	9.957 ug/ml
16) T benzo[b]fluoranthene ...	16.318	1410953	9.952 ug/ml
17) T Bnezo[k]fluoranthene ...	16.350	1408633	9.963 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.695	1366374	9.907 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.053	1208294	9.788 ug/ml
20) T Dibenz[a,h]anthracene...	18.092	1233670	9.931 ug/ml
21) T Benzo[g,h,i]perylene ...	18.308	1195826	9.861 ug/ml

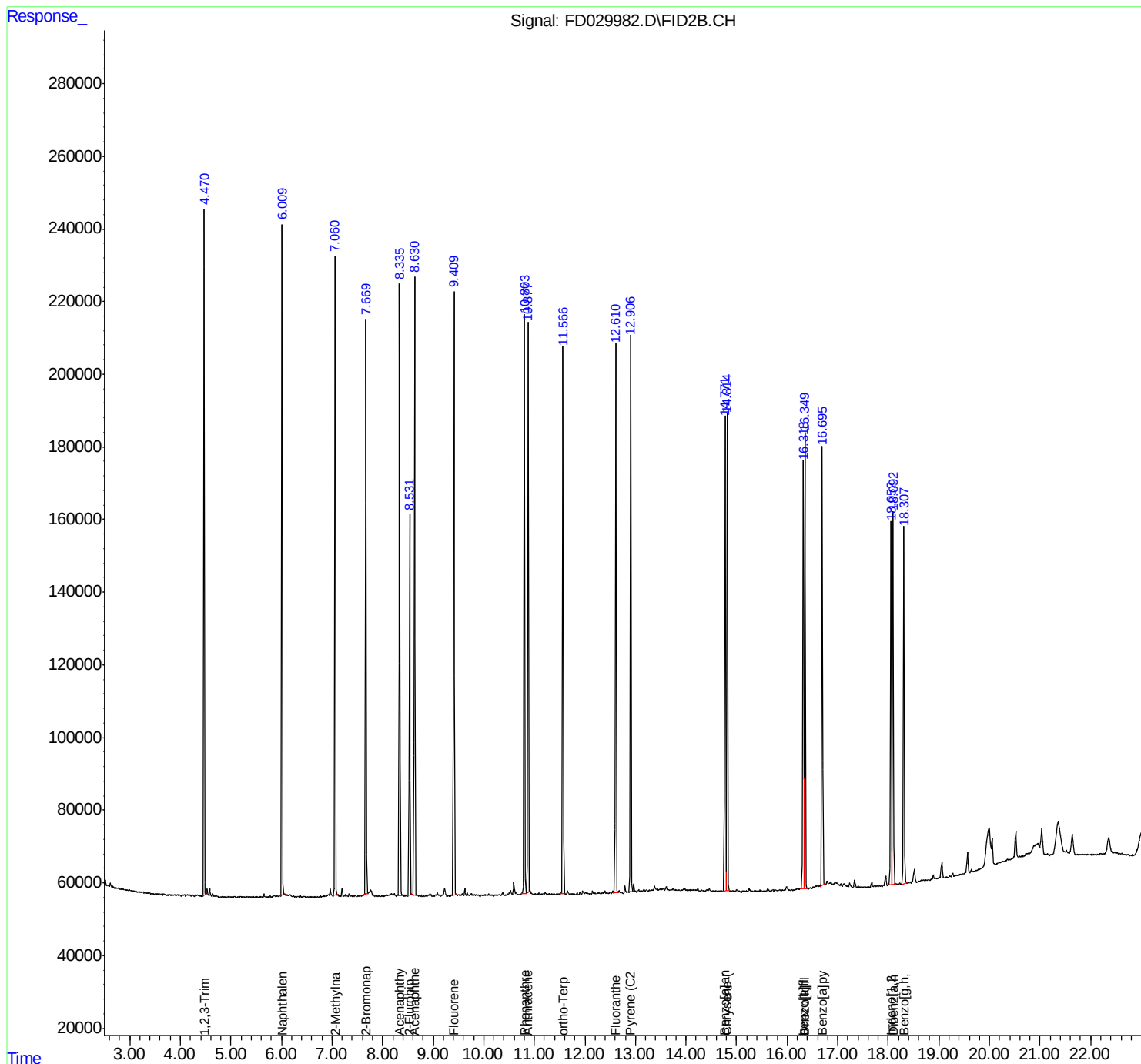
(f)=RT Delta > 1/2 Window

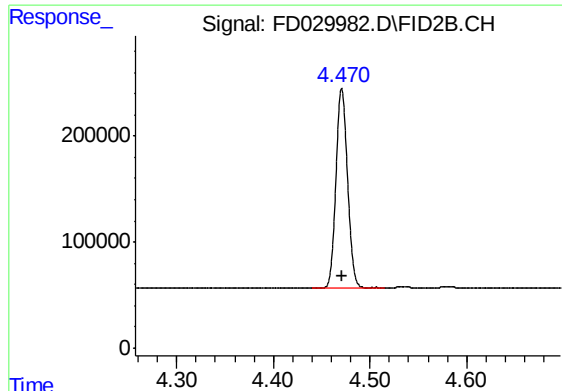
(m)=manual int.

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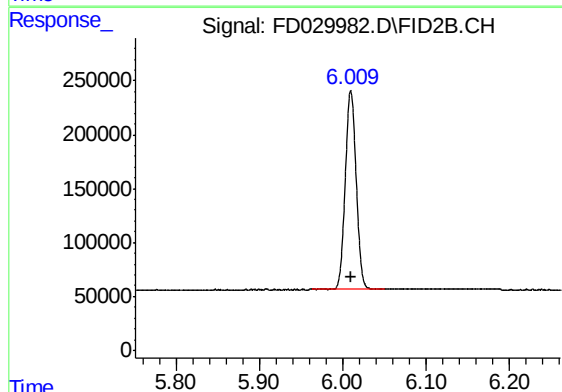
Volume Inj. : 1 µl
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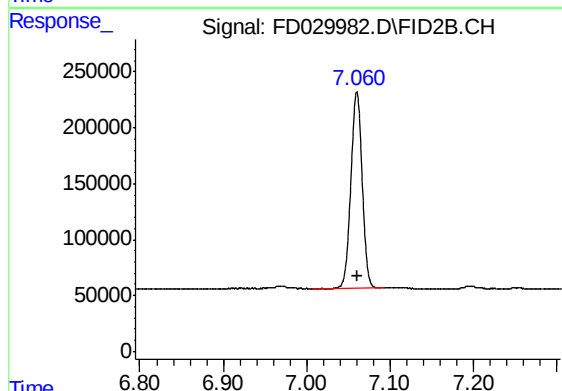
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.471 min
Delta R.T.: 0.000 min
Response: 1586393
Conc: 9.89 ug/ml



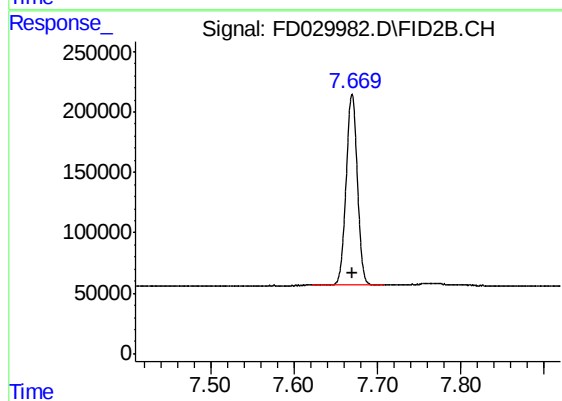
#2 Naphthalene (C11.7)

R.T.: 6.010 min
Delta R.T.: 0.000 min
Response: 1668920
Conc: 9.81 ug/ml



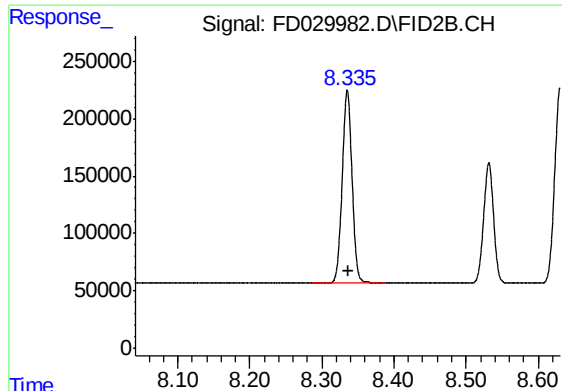
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.060 min
Delta R.T.: -0.001 min
Response: 1645496
Conc: 9.82 ug/ml



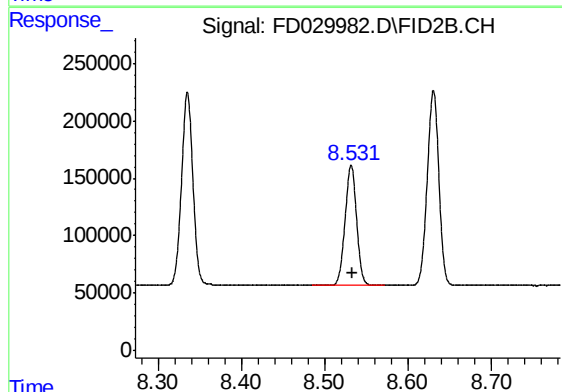
#4 2-Bromonaphthalene (SURR)

R.T.: 7.670 min
Delta R.T.: 0.000 min
Response: 1476581
Conc: 9.83 ug/ml



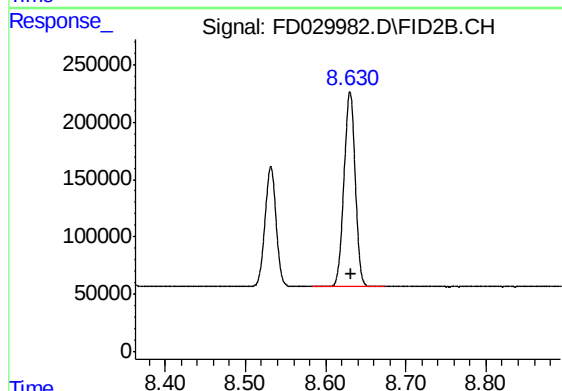
#5 Acenaphthylene (C15.06)

R.T.: 8.335 min
Delta R.T.: -0.001 min
Response: 1601875
Conc: 9.91 ug/ml



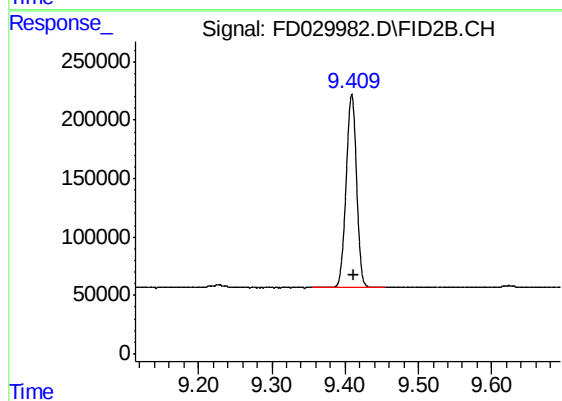
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.532 min
Delta R.T.: -0.001 min
Response: 1002872
Conc: 9.80 ug/ml



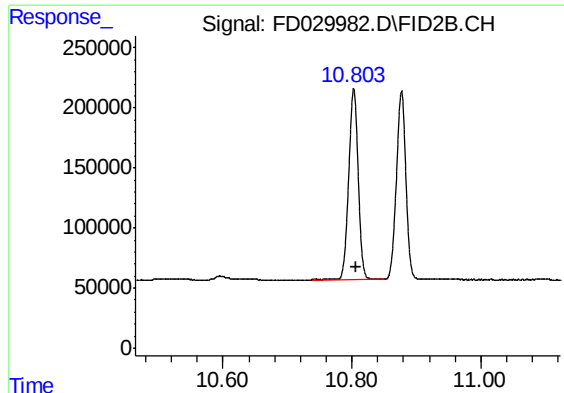
#7 Acenaphthene (C15.5)

R.T.: 8.631 min
Delta R.T.: -0.002 min
Response: 1650250
Conc: 9.84 ug/ml



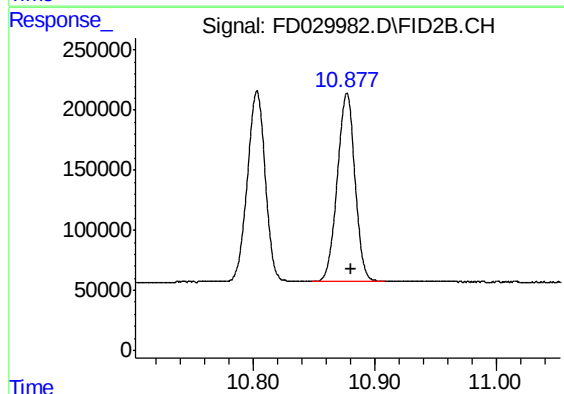
#8 Flouorene (C16.55)

R.T.: 9.409 min
Delta R.T.: -0.003 min
Response: 1640728
Conc: 9.86 ug/ml



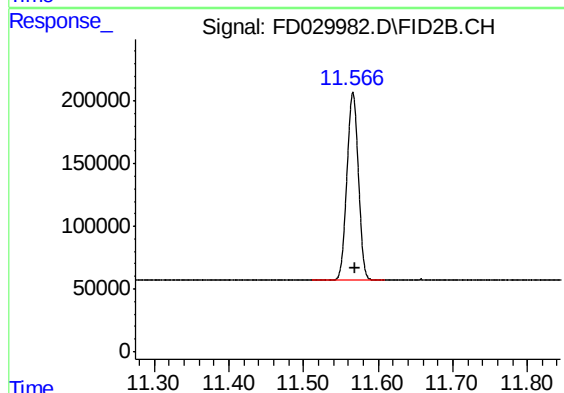
#9 Phenanthrene (C19.36)

R.T.: 10.803 min
Delta R.T.: -0.003 min
Response: 1629584
Conc: 9.84 ug/ml



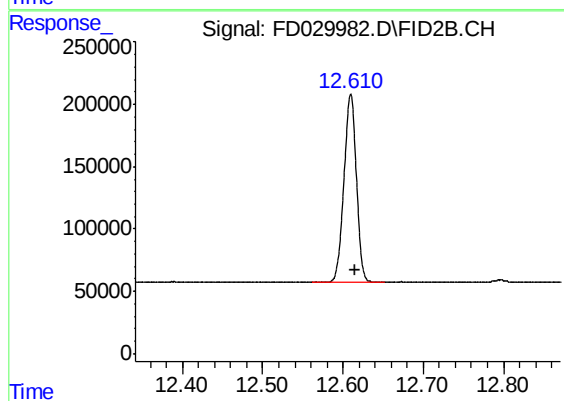
#10 Anthracene (C19.43)

R.T.: 10.877 min
Delta R.T.: -0.004 min
Response: 1582232
Conc: 9.85 ug/ml



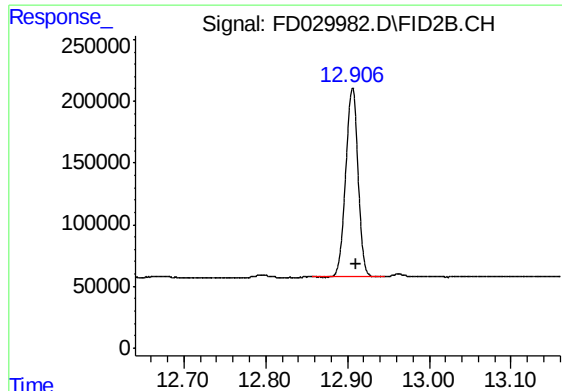
#11 ortho-Terphenyl (SURR)

R.T.: 11.566 min
Delta R.T.: -0.003 min
Response: 1603053
Conc: 9.91 ug/ml



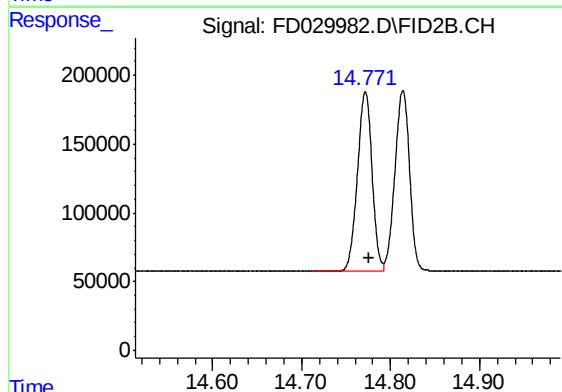
#12 Fluoranthene (C21.85)

R.T.: 12.610 min
Delta R.T.: -0.004 min
Response: 1620925
Conc: 9.92 ug/ml



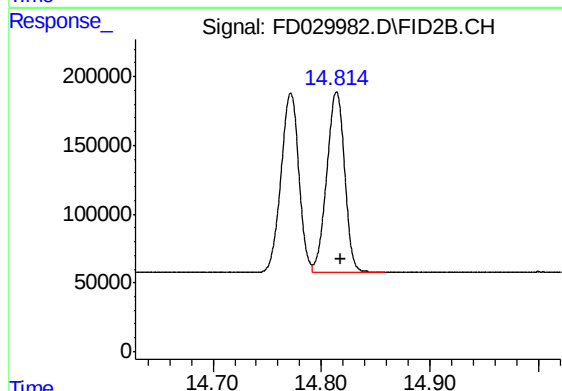
#13 Pyrene (C20.8)

R.T.: 12.906 min
Delta R.T.: -0.004 min
Response: 1610116
Conc: 9.93 ug/ml



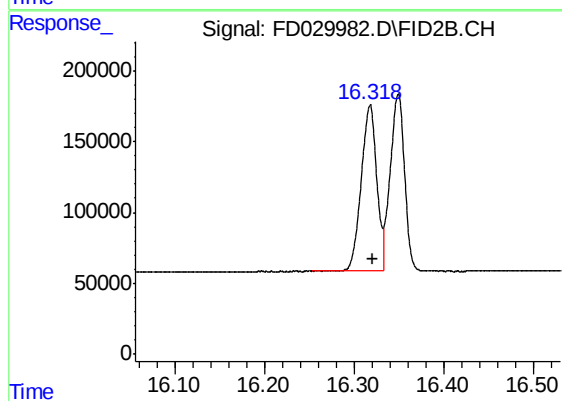
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.772 min
Delta R.T.: -0.004 min
Response: 1488187
Conc: 9.92 ug/ml



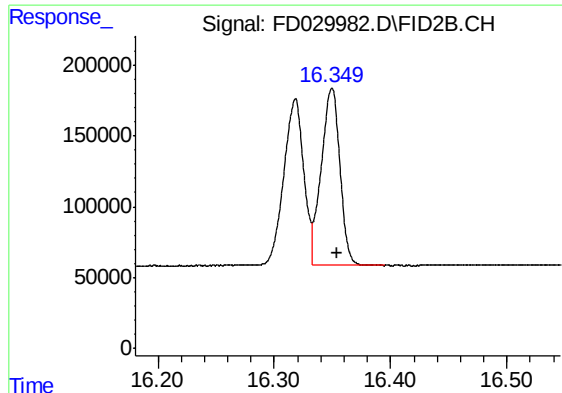
#15 Chrysene (C27.41)

R.T.: 14.814 min
Delta R.T.: -0.004 min
Response: 1497924
Conc: 9.96 ug/ml



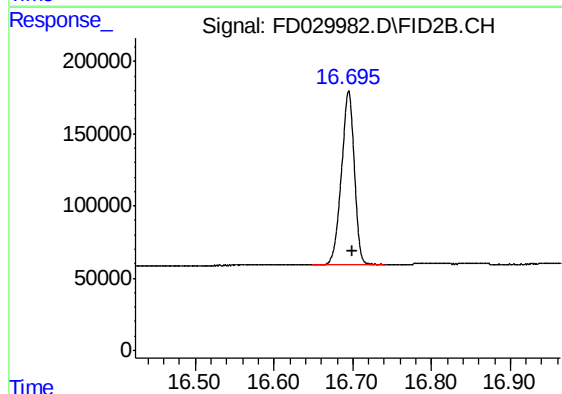
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.318 min
Delta R.T.: -0.003 min
Response: 1410953
Conc: 9.95 ug/ml



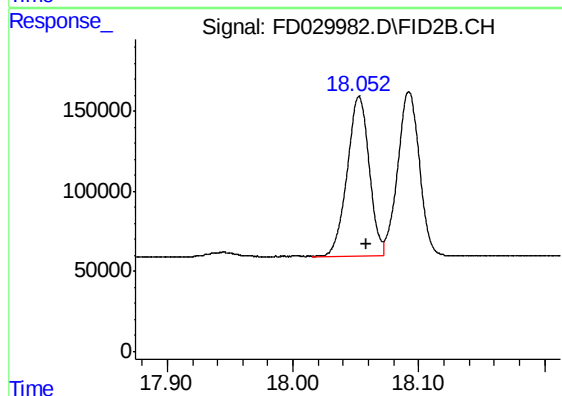
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.350 min
Delta R.T.: -0.004 min
Response: 1408633
Conc: 9.96 ug/ml



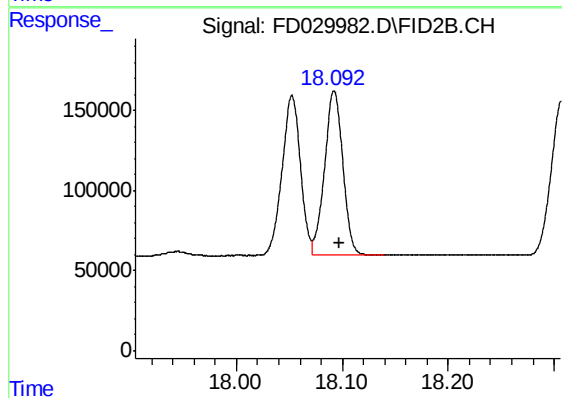
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.695 min
Delta R.T.: -0.004 min
Response: 1366374
Conc: 9.91 ug/ml



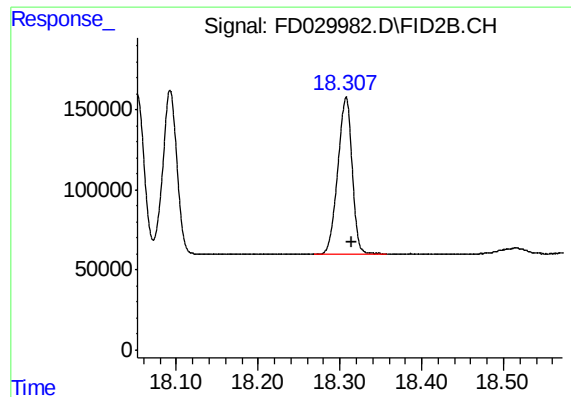
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.053 min
Delta R.T.: -0.006 min
Response: 1208294
Conc: 9.79 ug/ml



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

R.T.: 18.092 min
Delta R.T.: -0.005 min
Response: 1233670
Conc: 9.93 ug/ml



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

R.T.: 18.308 min
Delta R.T.: -0.007 min
Response: 1195826
Conc: 9.86 ug/ml