

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071320AR\
 Data File : FD033997.D
 Signal(s) : FID2B.CH
 Acq On : 13 Jul 2020 14:32
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 14 01:58:00 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 070820.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 08 06:32:19 2020
 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...	7.707	2216325	18.453 ug/ml
Spiked Amount 50.000		Recovery =	36.91%
6) S 2-Fluorobiphenyl (SURR)	8.571	1550330	18.291 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	36.58%
11) S ortho-Terphenyl (SURR)	11.615	2435064	17.998 ug/ml
Spiked Amount 50.000		Recovery =	36.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.502	2455403	18.591 ug/ml
2) T Naphthalene (C11.7)	6.045	2566830	18.532 ug/ml
3) T 2-Methylnaphthalene (...)	7.097	2571444	18.464 ug/ml
5) T Acenaphthylene (C15.06)	8.375	2451353	18.234 ug/ml
7) T Acenaphthene (C15.5)	8.671	2506493	18.313 ug/ml
8) T Flouorene (C16.55)	9.451	2447747	18.205 ug/ml
9) T Phenanthrene (C19.36)	10.849	2428600	18.173 ug/ml
10) T Anthracene (C19.43)	10.923	2341208	17.644 ug/ml
12) T Fluoranthene (C21.85)	12.661	2393293	18.014 ug/ml
13) T Pyrene (C20.8)	12.958	2317995	17.881 ug/ml
14) T Benzo[a]anthracene (C...	14.828	2215135	17.794 ug/ml
15) T Chrysene (C27.41)	14.869	2223104	17.902 ug/ml
16) T benzo[b]fluoranthene ...	16.375	2135877	17.952 ug/ml
17) T Bnezo[k]fluoranthene ...	16.408	2078958	17.942 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.754	2088559	17.948 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.115	1997744	17.942 ug/ml
20) T Dibenz[a,h]anthracene...	18.155	2016976	18.255 ug/ml
21) T Benzo[g,h,i]perylene ...	18.370	2005416	18.160 ug/ml

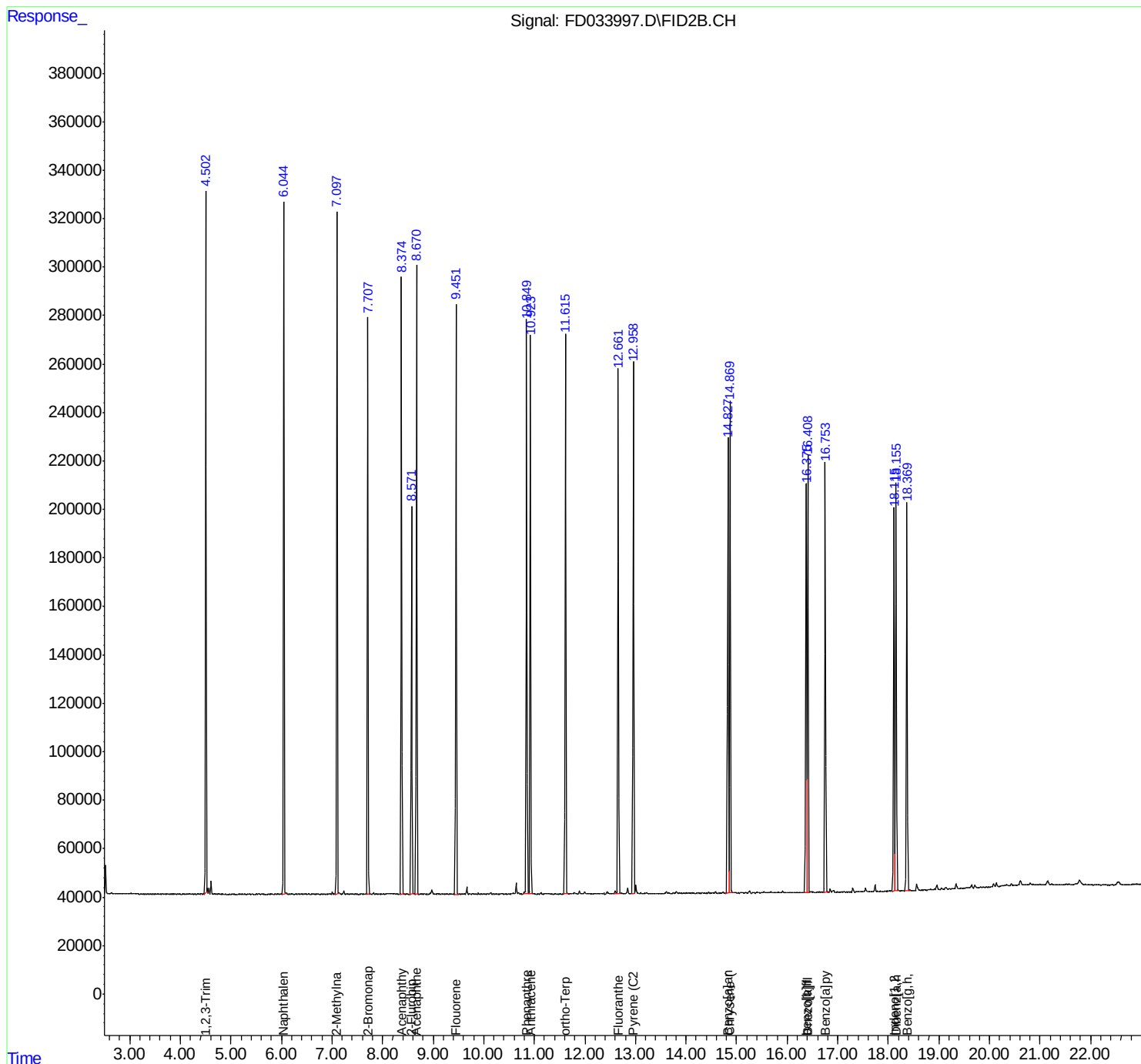
(f)=RT Delta > 1/2 Window

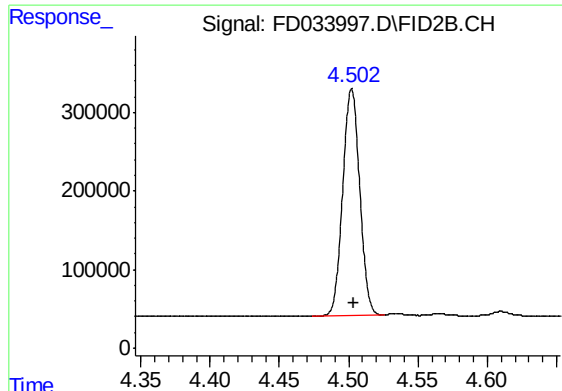
(m)=manual int.

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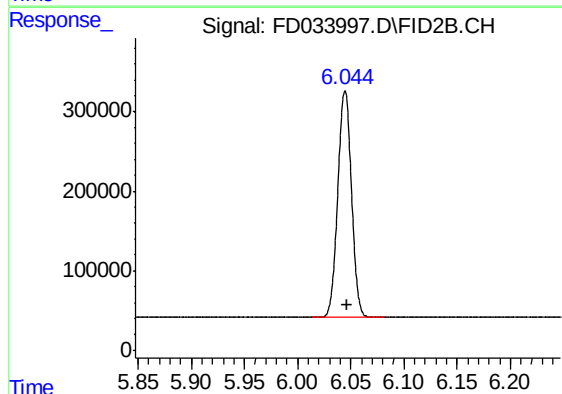
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





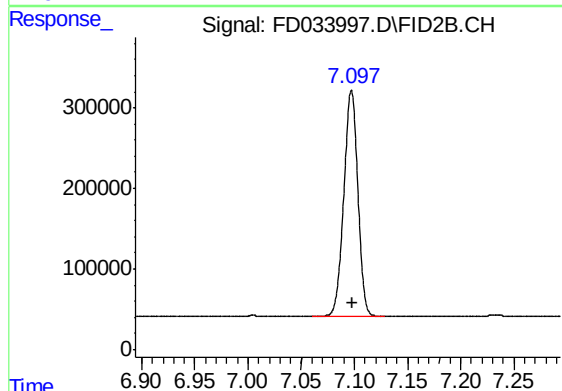
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.502 min
Delta R.T.: -0.002 min
Response: 2455403
Conc: 18.59 ug/ml



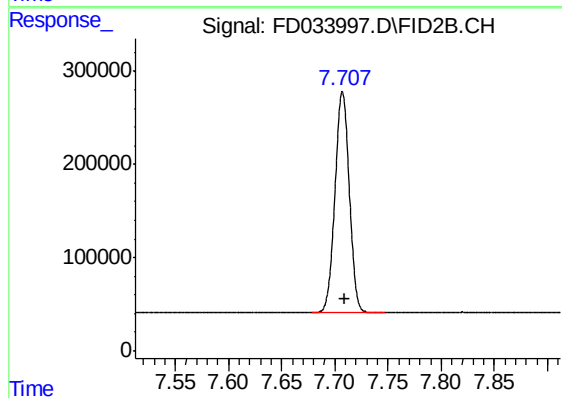
#2 Naphthalene (C11.7)

R.T.: 6.045 min
Delta R.T.: -0.001 min
Response: 2566830
Conc: 18.53 ug/ml



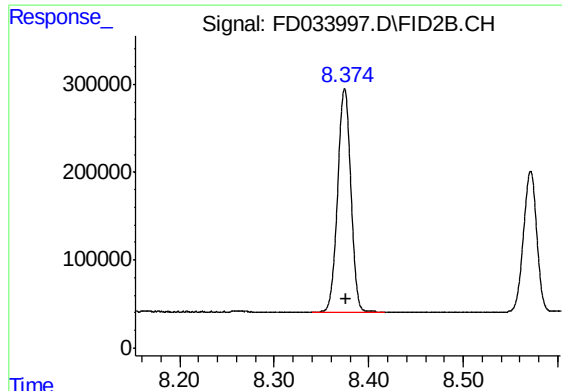
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.097 min
Delta R.T.: -0.001 min
Response: 2571444
Conc: 18.46 ug/ml



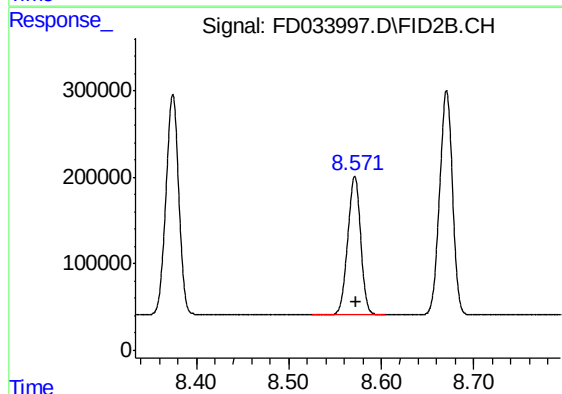
#4 2-Bromonaphthalene (SURR)

R.T.: 7.707 min
Delta R.T.: -0.001 min
Response: 2216325
Conc: 18.45 ug/ml



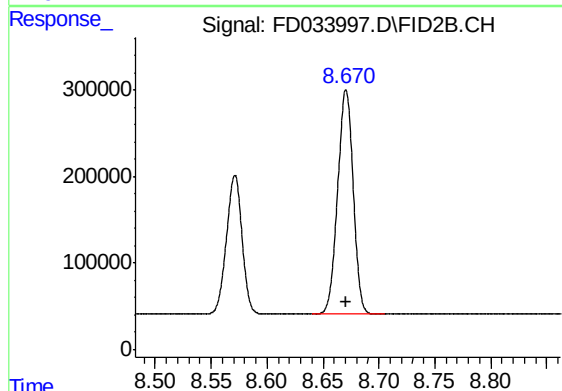
#5 Acenaphthylene (C15.06)

R.T.: 8.375 min
Delta R.T.: 0.000 min
Response: 2451353
Conc: 18.23 ug/ml



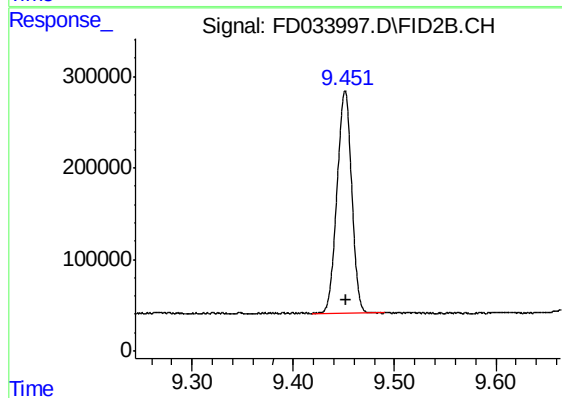
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.571 min
Delta R.T.: 0.000 min
Response: 1550330
Conc: 18.29 ug/ml



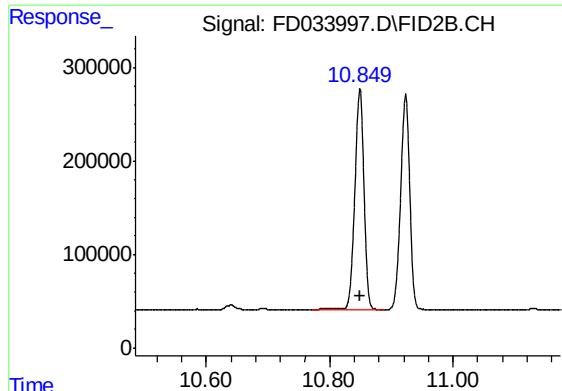
#7 Acenaphthene (C15.5)

R.T.: 8.671 min
Delta R.T.: 0.000 min
Response: 2506493
Conc: 18.31 ug/ml



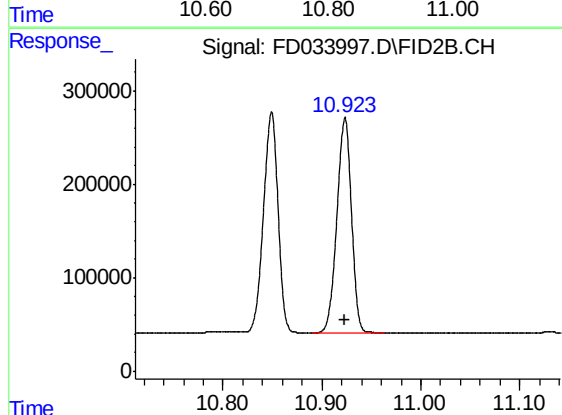
#8 Flouorene (C16.55)

R.T.: 9.451 min
Delta R.T.: 0.000 min
Response: 2447747
Conc: 18.20 ug/ml



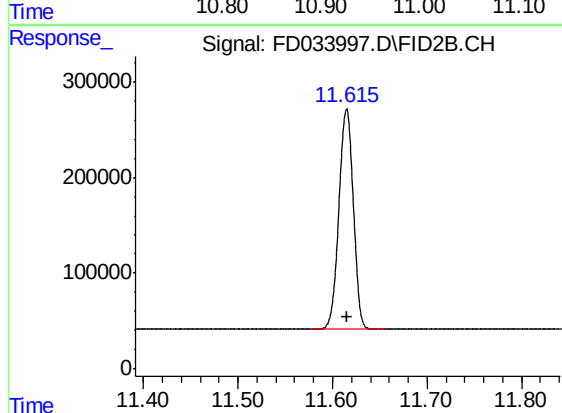
#9 Phenanthrene (C19.36)

R.T.: 10.849 min
Delta R.T.: 0.000 min
Response: 2428600
Conc: 18.17 ug/ml



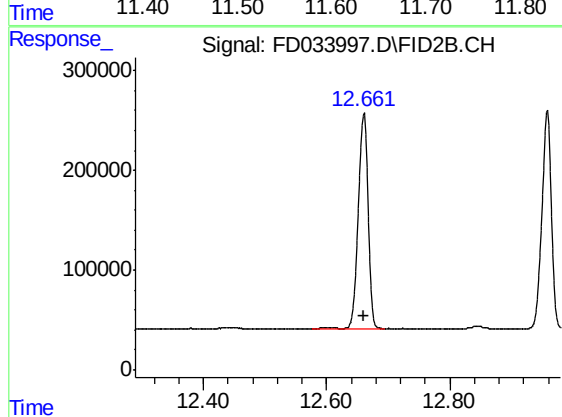
#10 Anthracene (C19.43)

R.T.: 10.923 min
Delta R.T.: 0.000 min
Response: 2341208
Conc: 17.64 ug/ml



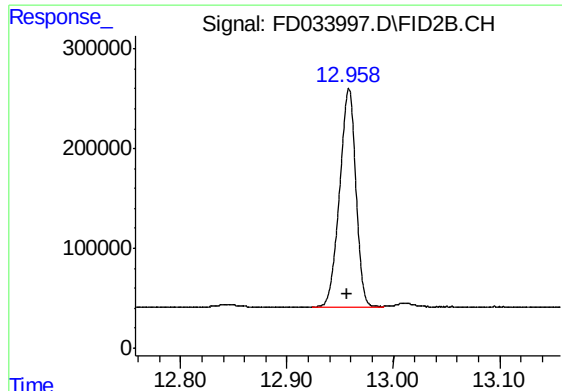
#11 ortho-Terphenyl (SURR)

R.T.: 11.615 min
Delta R.T.: 0.000 min
Response: 2435064
Conc: 18.00 ug/ml



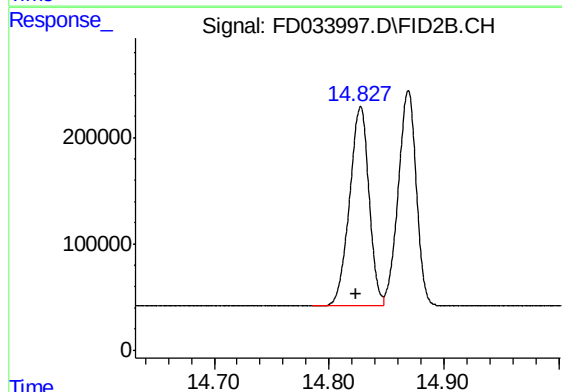
#12 Fluoranthene (C21.85)

R.T.: 12.661 min
Delta R.T.: 0.001 min
Response: 2393293
Conc: 18.01 ug/ml



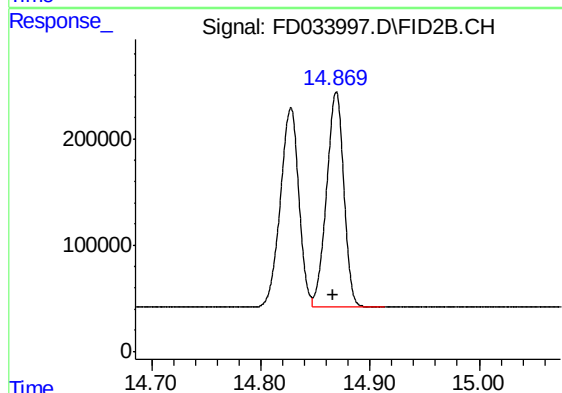
#13 Pyrene (C20.8)

R.T.: 12.958 min
Delta R.T.: 0.002 min
Response: 2317995
Conc: 17.88 ug/ml



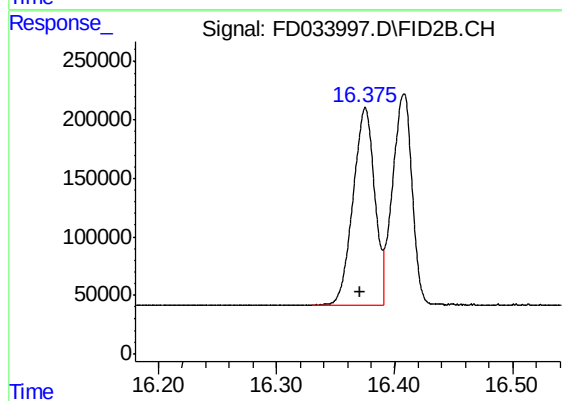
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.828 min
Delta R.T.: 0.004 min
Response: 2215135
Conc: 17.79 ug/ml



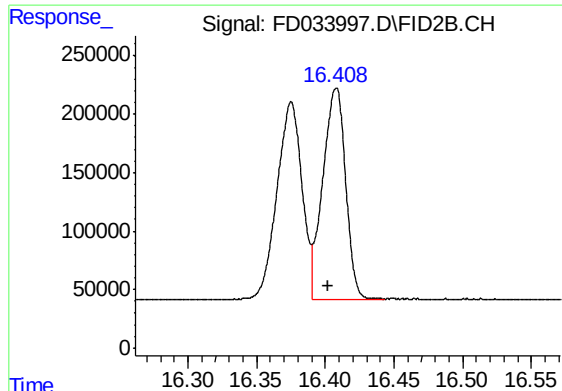
#15 Chrysene (C27.41)

R.T.: 14.869 min
Delta R.T.: 0.003 min
Response: 2223104
Conc: 17.90 ug/ml



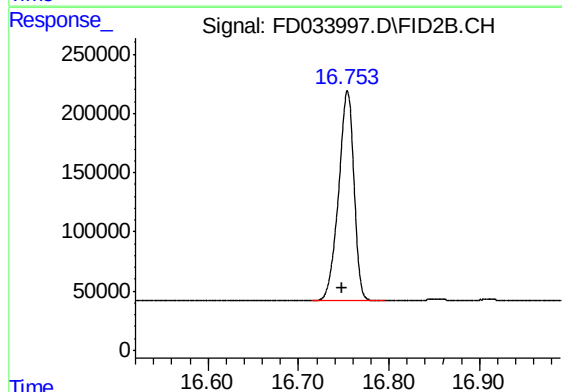
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.375 min
Delta R.T.: 0.005 min
Response: 2135877
Conc: 17.95 ug/ml



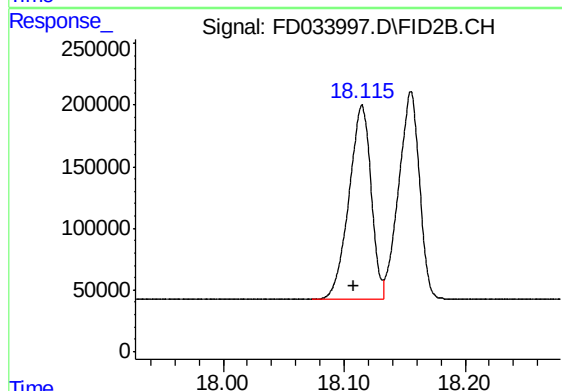
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.408 min
Delta R.T.: 0.006 min
Response: 2078958
Conc: 17.94 ug/ml



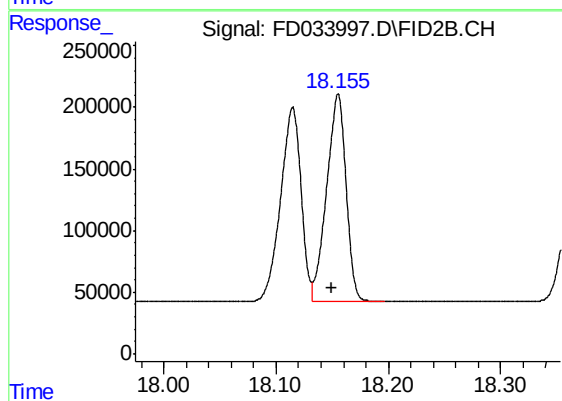
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.754 min
Delta R.T.: 0.007 min
Response: 2088559
Conc: 17.95 ug/ml



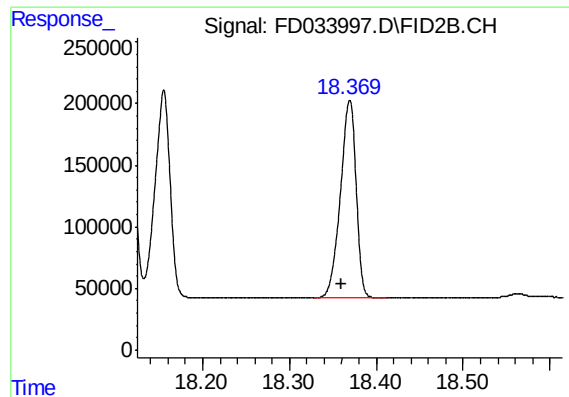
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.115 min
Delta R.T.: 0.007 min
Response: 1997744
Conc: 17.94 ug/ml



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

R.T.: 18.155 min
Delta R.T.: 0.006 min
Response: 2016976
Conc: 18.26 ug/ml



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

R.T.: 18.370 min
Delta R.T.: 0.009 min
Response: 2005416
Conc: 18.16 ug/ml