

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061719AR\
 Data File : FD029436.D
 Signal(s) : FID2B.CH
 Acq On : 18 Jun 2019 1:57
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 18 04:21:58 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 061219.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 13 07:45:09 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...	7.728	2272688	19.561 ug/ml
Spiked Amount 50.000		Recovery =	39.12%
6) S 2-Fluorobiphenyl (SURR)	8.593	1538014	19.403 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.81%
11) S ortho-Terphenyl (SURR)	11.630	2414268	18.813 ug/ml
Spiked Amount 50.000		Recovery =	37.63%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.525	2448194	20.039 ug/ml
2) T Naphthalene (C11.7)	6.068	2580247	19.800 ug/ml
3) T 2-Methylnaphthalene (...)	7.119	2535046	19.638 ug/ml
5) T Acenaphthylene (C15.06)	8.396	2420694	19.147 ug/ml
7) T Acenaphthene (C15.5)	8.692	2523595	19.340 ug/ml
8) T Flouorene (C16.55)	9.472	2495655	19.179 ug/ml
9) T Phenanthrene (C19.36)	10.868	2505057	19.091 ug/ml
10) T Anthracene (C19.43)	10.942	2382336	18.433 ug/ml
12) T Fluoranthene (C21.85)	12.677	2477698	18.840 ug/ml
13) T Pyrene (C20.8)	12.975	2471836	18.770 ug/ml
14) T Benzo[a]anthracene (C...	14.842	2336629	18.581 ug/ml
15) T Chrysene (C27.41)	14.884	2343872	18.588 ug/ml
16) T benzo[b]fluoranthene ...	16.388	2332431	18.833 ug/ml
17) T Bnezo[k]fluoranthene ...	16.420	2309137	18.748 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.766	2294387	18.755 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.127	2299868	19.493 ug/ml
20) T Dibenz[a,h]anthracene...	18.165	2239615	19.348 ug/ml
21) T Benzo[g,h,i]perylene ...	18.382	2244680	19.336 ug/ml

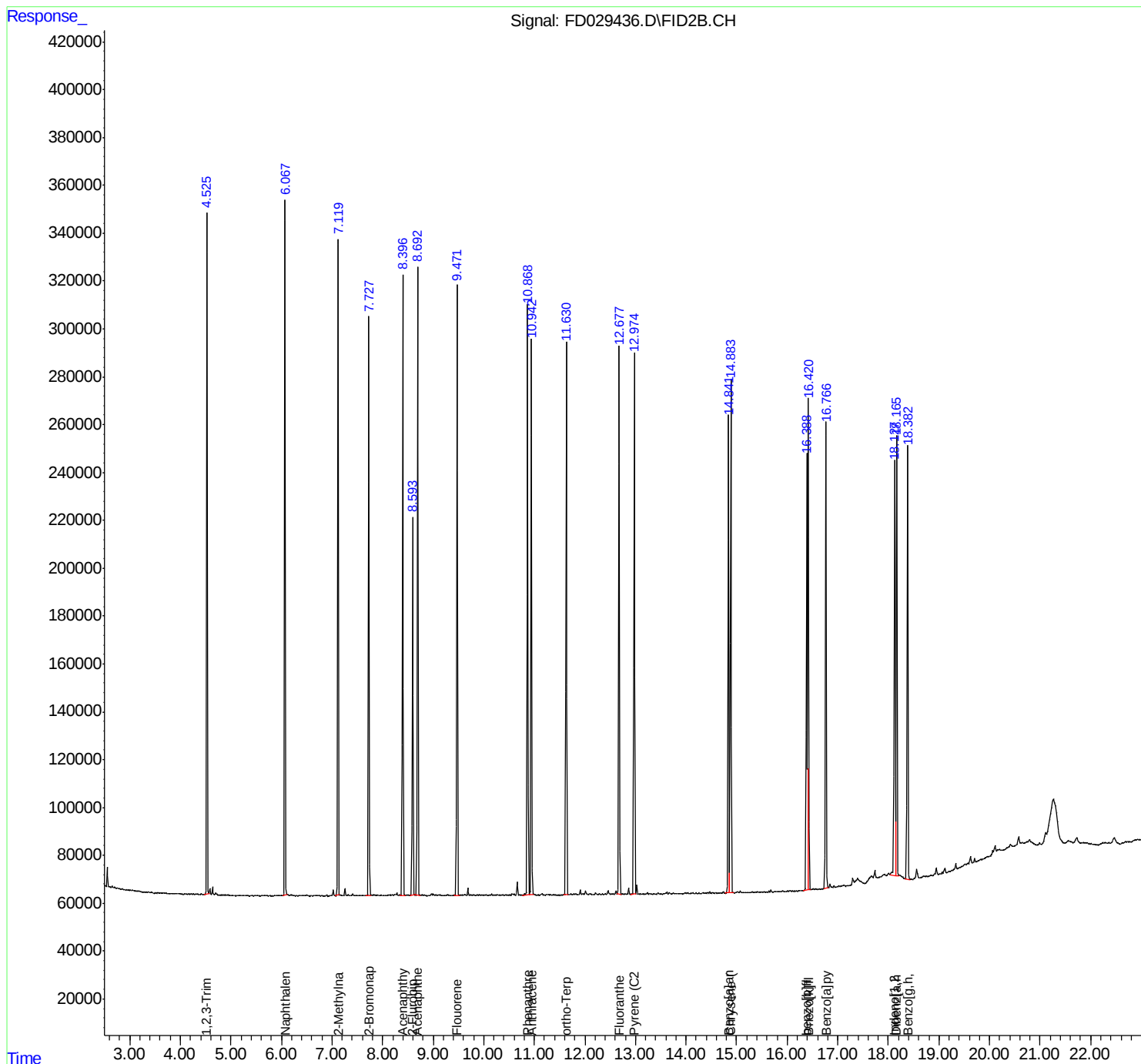
(f)=RT Delta > 1/2 Window

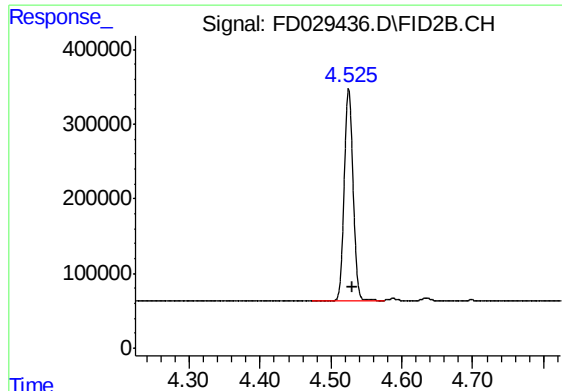
(m)=manual int.

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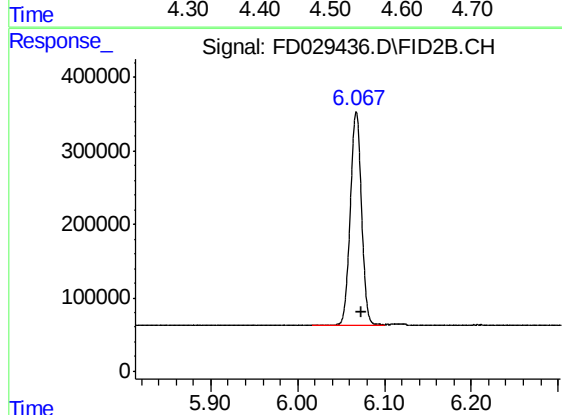
Volume Inj. : 1 µl
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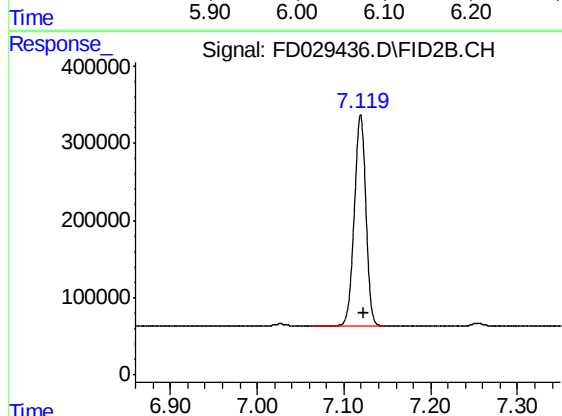
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.525 min
Delta R.T.: -0.006 min
Response: 2448194
Conc: 20.04 ug/ml



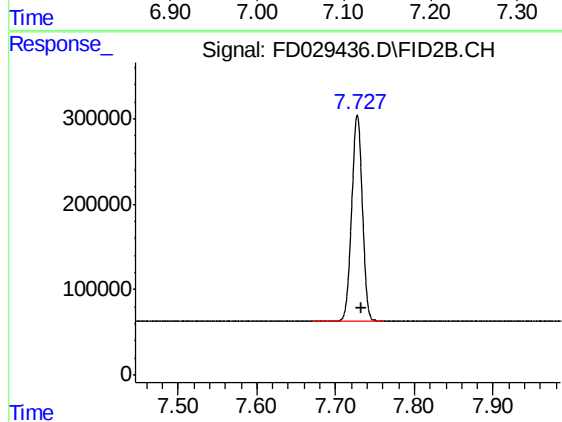
#2 Naphthalene (C11.7)

R.T.: 6.068 min
Delta R.T.: -0.006 min
Response: 2580247
Conc: 19.80 ug/ml



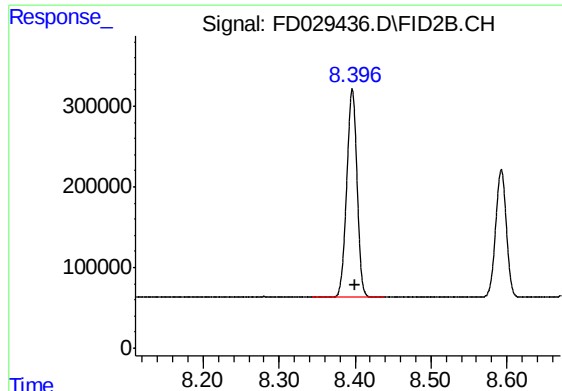
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.119 min
Delta R.T.: -0.004 min
Response: 2535046
Conc: 19.64 ug/ml



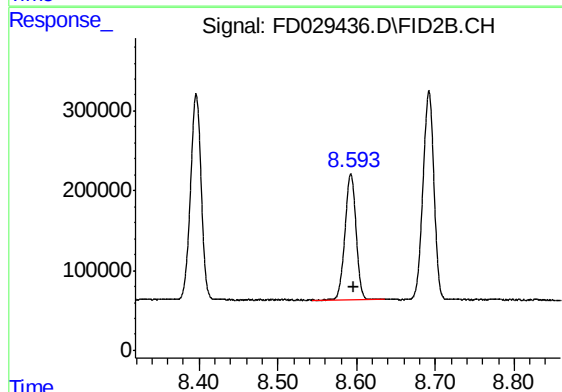
#4 2-Bromonaphthalene (SURR)

R.T.: 7.728 min
Delta R.T.: -0.004 min
Response: 2272688
Conc: 19.56 ug/ml



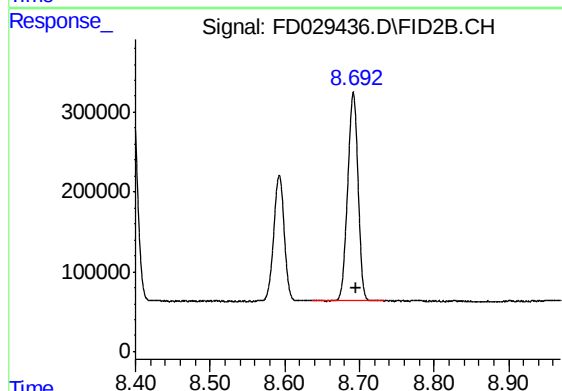
#5 Acenaphthylene (C15.06)

R.T.: 8.396 min
Delta R.T.: -0.004 min
Response: 2420694
Conc: 19.15 ug/ml



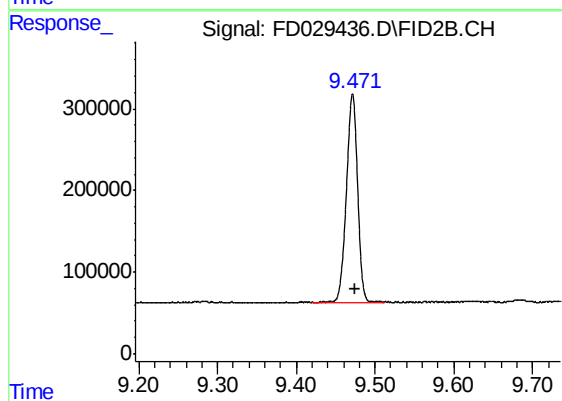
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.593 min
Delta R.T.: -0.004 min
Response: 1538014
Conc: 19.40 ug/ml



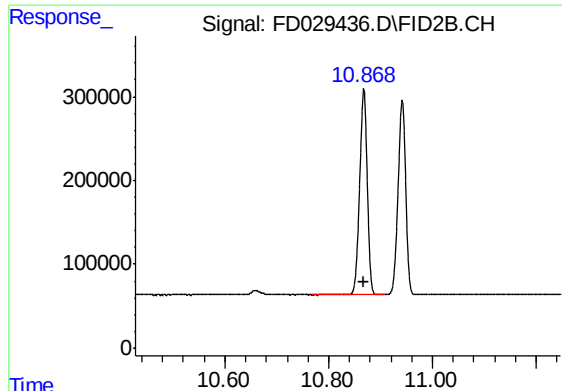
#7 Acenaphthene (C15.5)

R.T.: 8.692 min
Delta R.T.: -0.003 min
Response: 2523595
Conc: 19.34 ug/ml



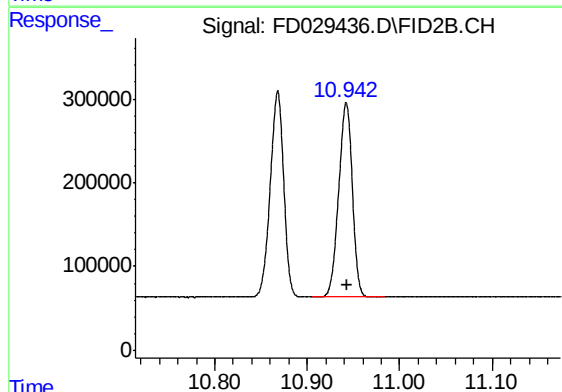
#8 Fluorene (C16.55)

R.T.: 9.472 min
Delta R.T.: -0.002 min
Response: 2495655
Conc: 19.18 ug/ml



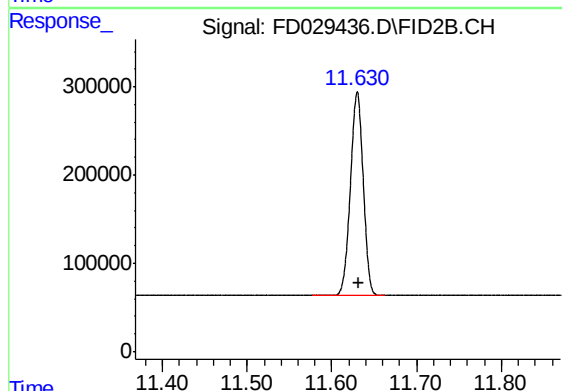
#9 Phenanthrene (C19.36)

R.T.: 10.868 min
Delta R.T.: -0.001 min
Response: 2505057
Conc: 19.09 ug/ml



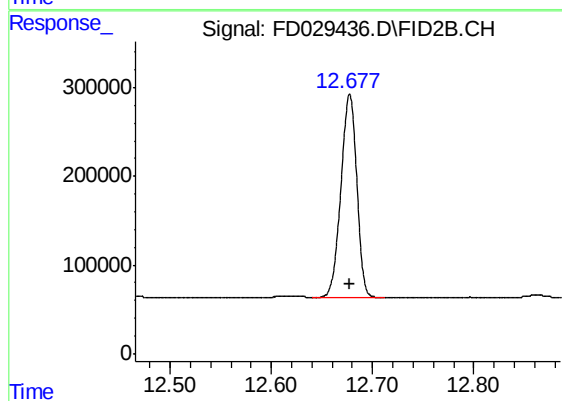
#10 Anthracene (C19.43)

R.T.: 10.942 min
Delta R.T.: 0.000 min
Response: 2382336
Conc: 18.43 ug/ml



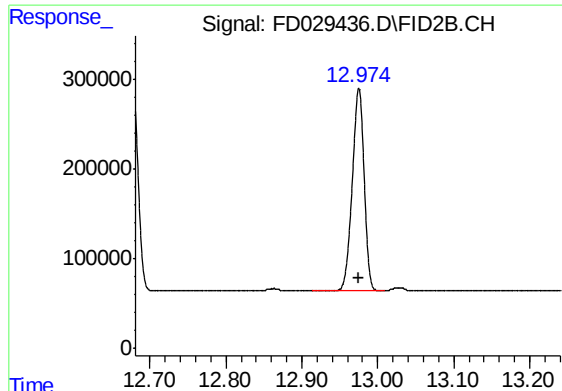
#11 ortho-Terphenyl (SURR)

R.T.: 11.630 min
Delta R.T.: -0.002 min
Response: 2414268
Conc: 18.81 ug/ml



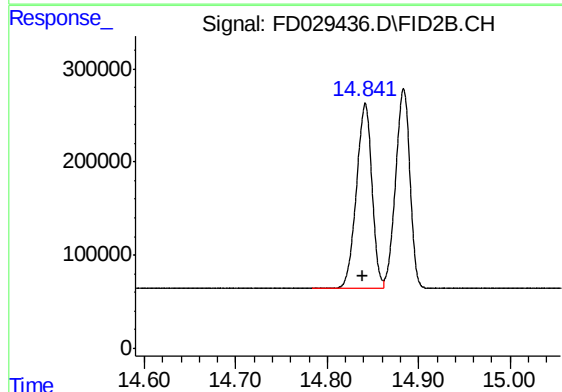
#12 Fluoranthene (C21.85)

R.T.: 12.677 min
Delta R.T.: 0.000 min
Response: 2477698
Conc: 18.84 ug/ml



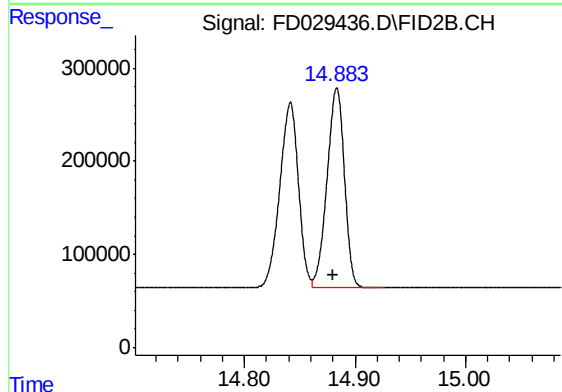
#13 Pyrene (C20.8)

R.T.: 12.975 min
Delta R.T.: 0.000 min
Response: 2471836
Conc: 18.77 ug/ml



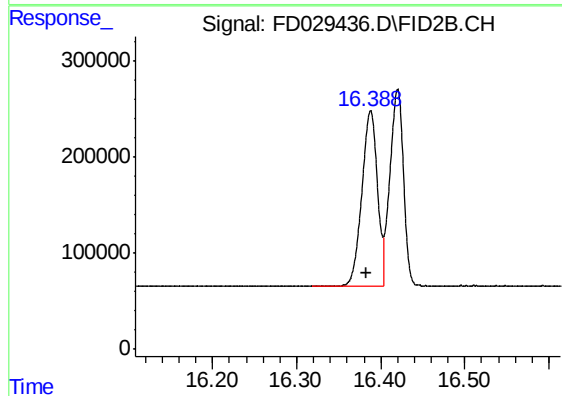
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.842 min
Delta R.T.: 0.003 min
Response: 2336629
Conc: 18.58 ug/ml



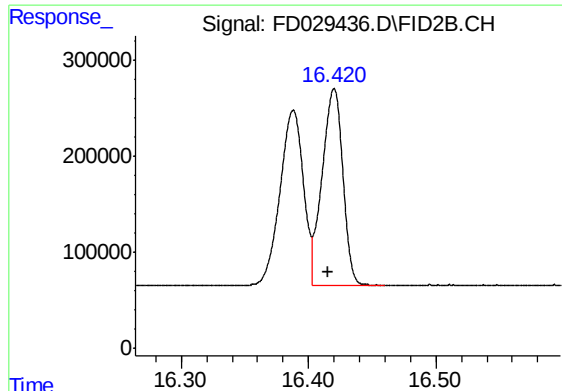
#15 Chrysene (C27.41)

R.T.: 14.884 min
Delta R.T.: 0.003 min
Response: 2343872
Conc: 18.59 ug/ml



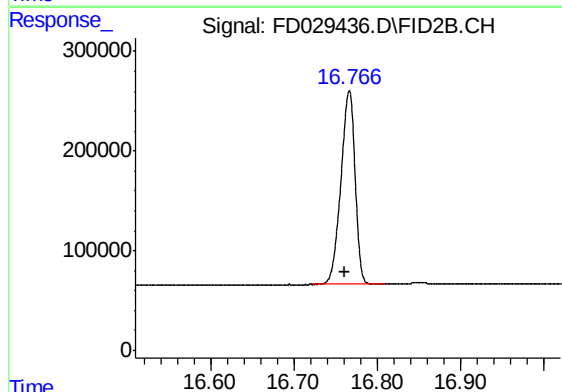
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.388 min
Delta R.T.: 0.004 min
Response: 2332431
Conc: 18.83 ug/ml



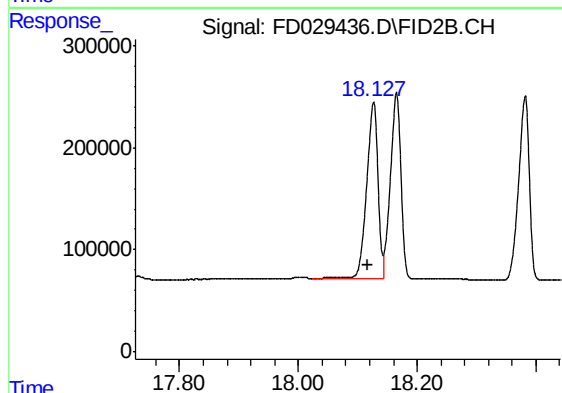
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.420 min
Delta R.T.: 0.005 min
Response: 2309137
Conc: 18.75 ug/ml



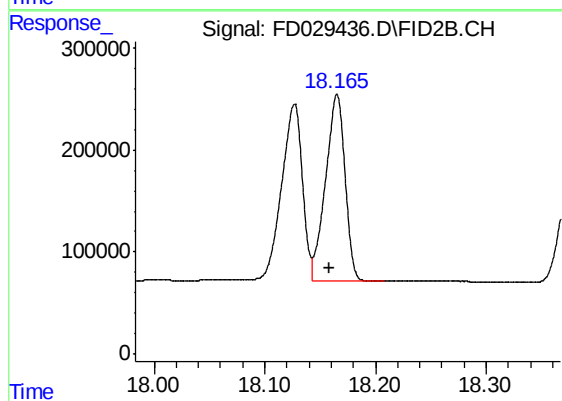
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.766 min
Delta R.T.: 0.006 min
Response: 2294387
Conc: 18.75 ug/ml



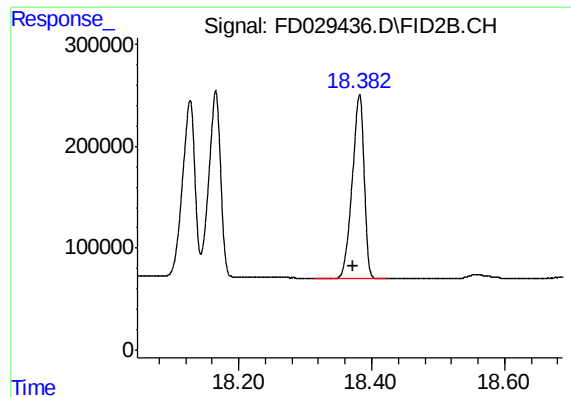
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.127 min
Delta R.T.: 0.009 min
Response: 2299868
Conc: 19.49 ug/ml



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

R.T.: 18.165 min
Delta R.T.: 0.007 min
Response: 2239615
Conc: 19.35 ug/ml



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

R.T.: 18.382 min
Delta R.T.: 0.010 min
Response: 2244680
Conc: 19.34 ug/ml