

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061319AR\
 Data File : FD029411.D
 Signal(s) : FID2B.CH
 Acq On : 13 Jun 2019 10:56
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 14 01:10:51 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...	7.733	2639636	22.720 ug/ml
Spiked Amount 50.000		Recovery =	45.44%
6) S 2-Fluorobiphenyl (SURR)	8.599	1796689	22.666 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	45.33%
11) S ortho-Terphenyl (SURR)	11.636	2869633	22.362 ug/ml
Spiked Amount 50.000		Recovery =	44.72%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.530	2820776	23.089 ug/ml
2) T Naphthalene (C11.7)	6.073	2986907	22.920 ug/ml
3) T 2-Methylnaphthalene (...)	7.125	2943899	22.805 ug/ml
5) T Acenaphthylene (C15.06)	8.403	2838262	22.450 ug/ml
7) T Acenaphthene (C15.5)	8.698	2956507	22.658 ug/ml
8) T Fluorene (C16.55)	9.478	2935377	22.559 ug/ml
9) T Phenanthrene (C19.36)	10.874	2949356	22.477 ug/ml
10) T Anthracene (C19.43)	10.949	2881921	22.299 ug/ml
12) T Fluoranthene (C21.85)	12.683	2950099	22.432 ug/ml
13) T Pyrene (C20.8)	12.980	2951151	22.410 ug/ml
14) T Benzo[a]anthracene (C...	14.845	2799643	22.263 ug/ml
15) T Chrysene (C27.41)	14.889	2808891	22.276 ug/ml
16) T benzo[b]fluoranthene ...	16.391	2764448	22.322 ug/ml
17) T Bnezo[k]fluoranthene ...	16.424	2752529	22.348 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.769	2732786	22.338 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.129	2623609	22.237 ug/ml
20) T Dibenz[a,h]anthracene...	18.169	2623639	22.665 ug/ml
21) T Benzo[g,h,i]perylene ...	18.385	2608598	22.471 ug/ml

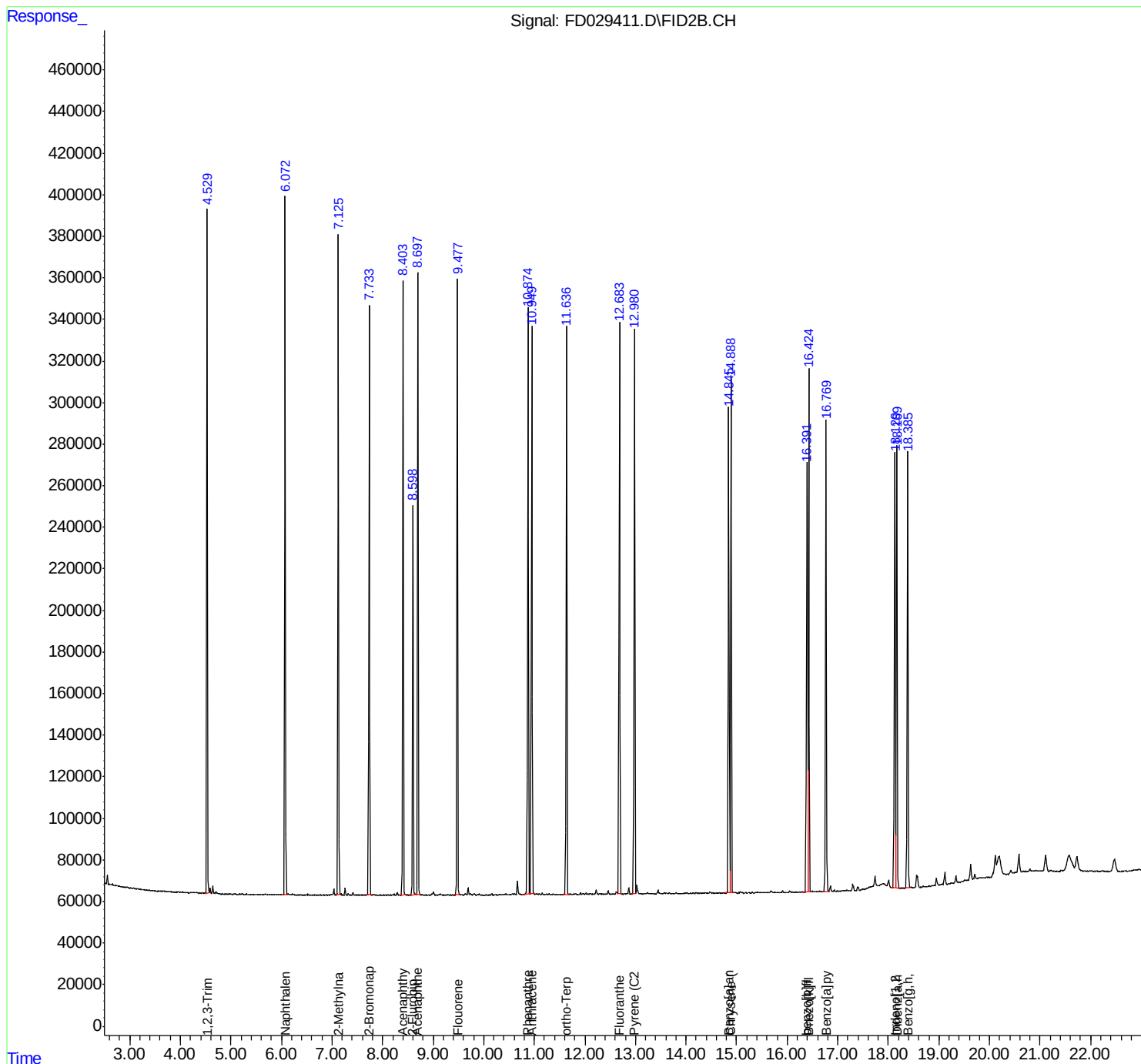
(f)=RT Delta > 1/2 Window

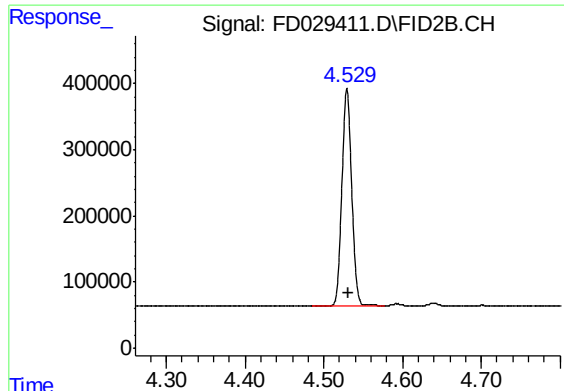
(m)=manual int.

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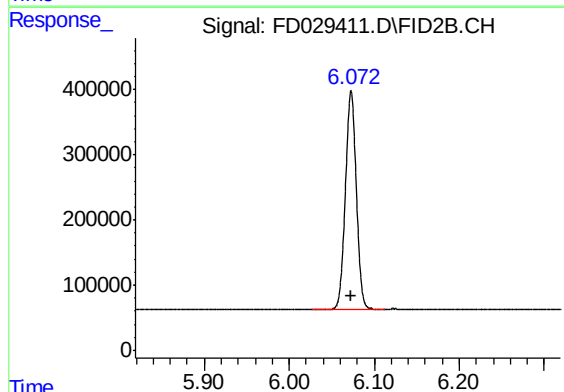
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Signal Info : 20M x 0.18mm x 0.18µm





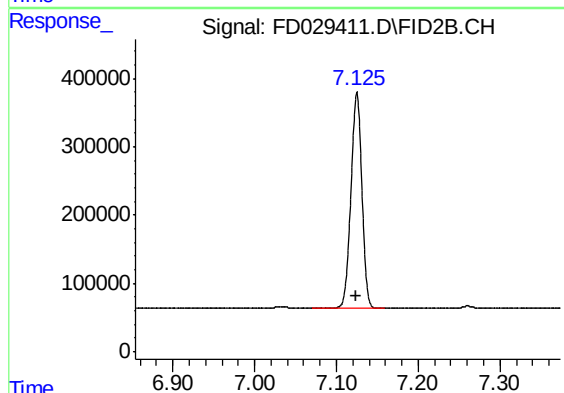
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.530 min
Delta R.T.: -0.001 min
Response: 2820776
Conc: 23.09 ug/ml



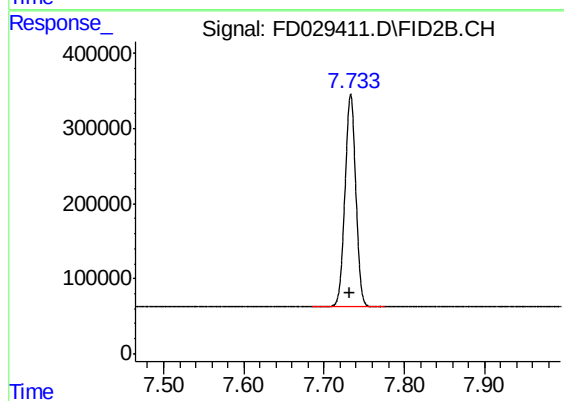
#2 Naphthalene (C11.7)

R.T.: 6.073 min
Delta R.T.: 0.000 min
Response: 2986907
Conc: 22.92 ug/ml



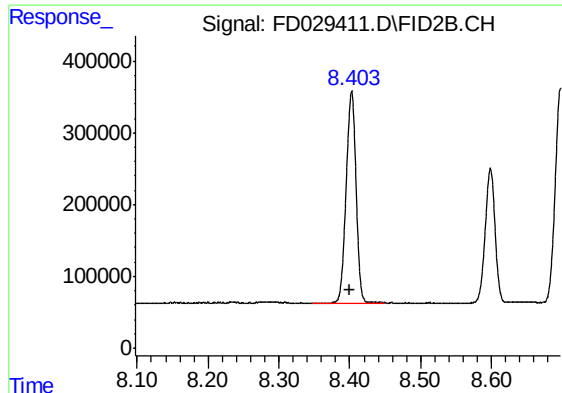
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.125 min
Delta R.T.: 0.002 min
Response: 2943899
Conc: 22.81 ug/ml



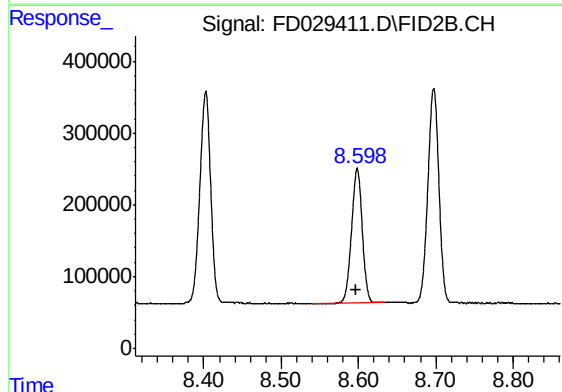
#4 2-Bromonaphthalene (SURR)

R.T.: 7.733 min
Delta R.T.: 0.001 min
Response: 2639636
Conc: 22.72 ug/ml



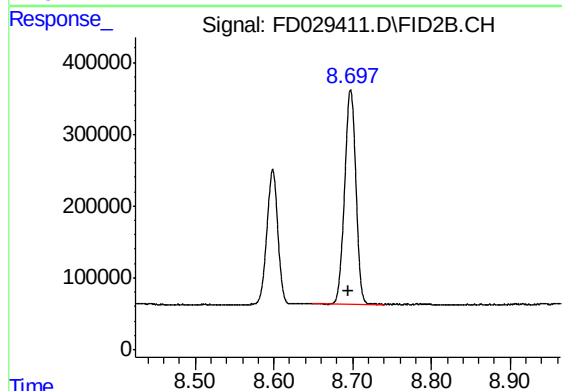
#5 Acenaphthylene (C15.06)

R.T.: 8.403 min
Delta R.T.: 0.002 min
Response: 2838262
Conc: 22.45 ug/ml



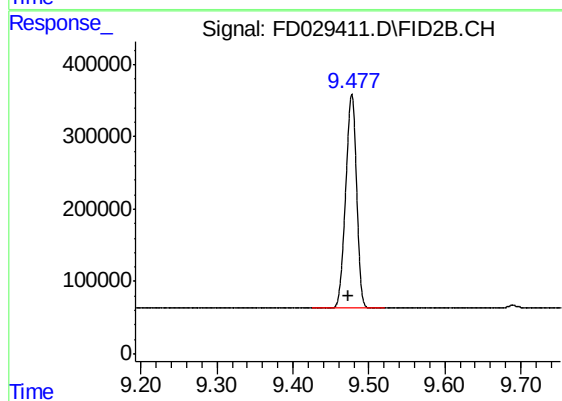
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.599 min
Delta R.T.: 0.002 min
Response: 1796689
Conc: 22.67 ug/ml



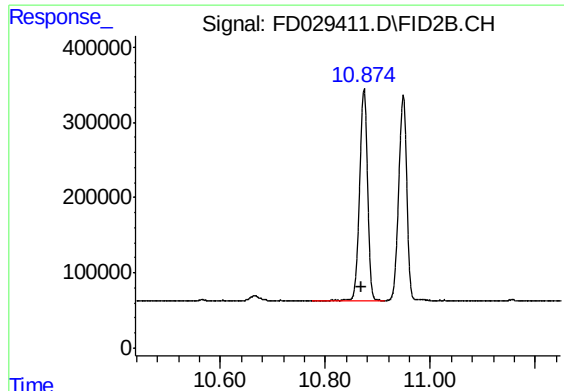
#7 Acenaphthene (C15.5)

R.T.: 8.698 min
Delta R.T.: 0.002 min
Response: 2956507
Conc: 22.66 ug/ml



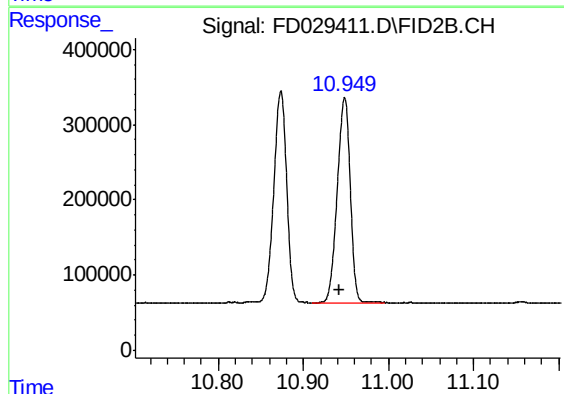
#8 Flouorene (C16.55)

R.T.: 9.478 min
Delta R.T.: 0.004 min
Response: 2935377
Conc: 22.56 ug/ml



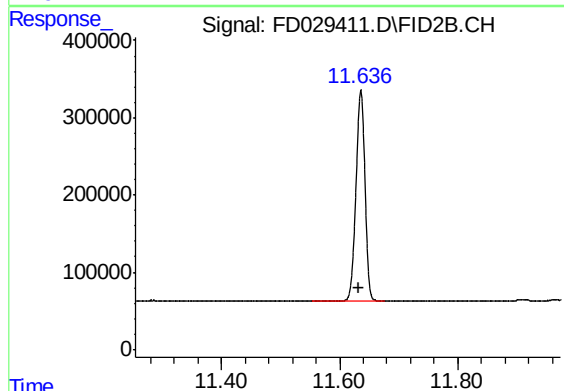
#9 Phenanthrene (C19.36)

R.T.: 10.874 min
Delta R.T.: 0.004 min
Response: 2949356
Conc: 22.48 ug/ml



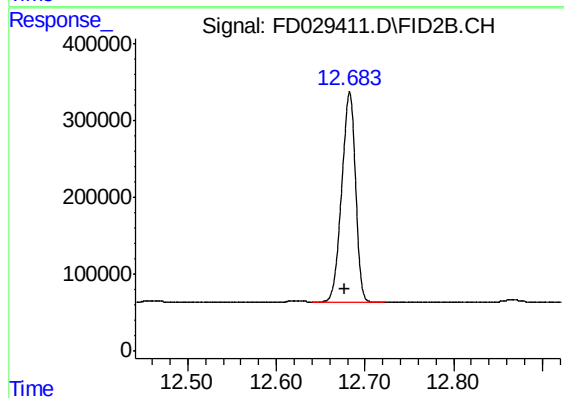
#10 Anthracene (C19.43)

R.T.: 10.949 min
Delta R.T.: 0.006 min
Response: 2881921
Conc: 22.30 ug/ml



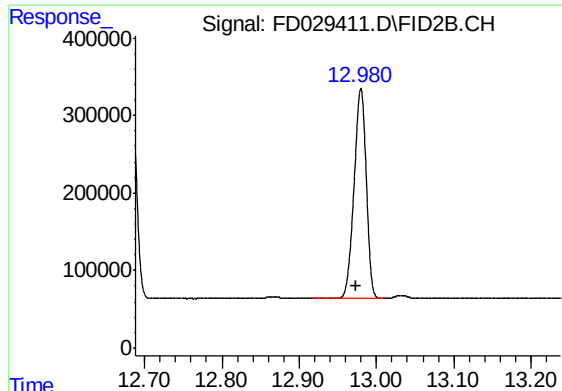
#11 ortho-Terphenyl (SURRE)

R.T.: 11.636 min
Delta R.T.: 0.004 min
Response: 2869633
Conc: 22.36 ug/ml



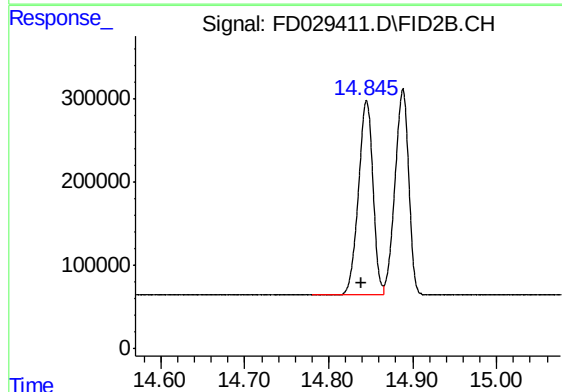
#12 Fluoranthene (C21.85)

R.T.: 12.683 min
Delta R.T.: 0.005 min
Response: 2950099
Conc: 22.43 ug/ml



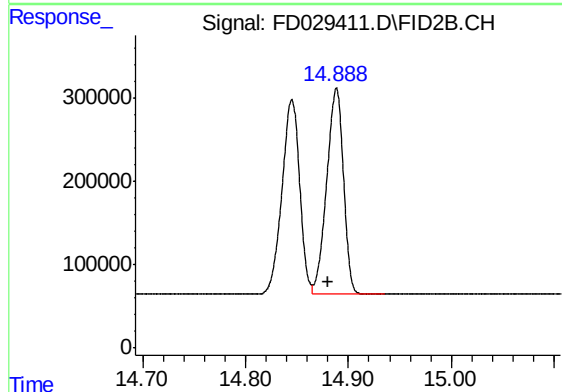
#13 Pyrene (C20.8)

R.T.: 12.980 min
Delta R.T.: 0.005 min
Response: 2951151
Conc: 22.41 ug/ml



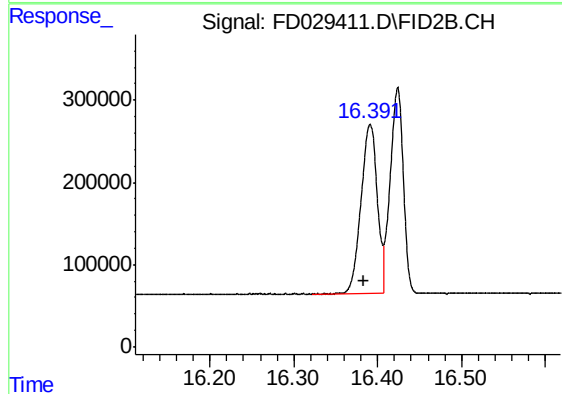
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.845 min
Delta R.T.: 0.007 min
Response: 2799643
Conc: 22.26 ug/ml



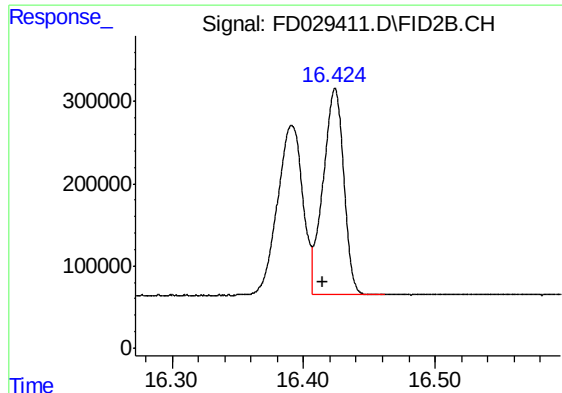
#15 Chrysene (C27.41)

R.T.: 14.889 min
Delta R.T.: 0.008 min
Response: 2808891
Conc: 22.28 ug/ml



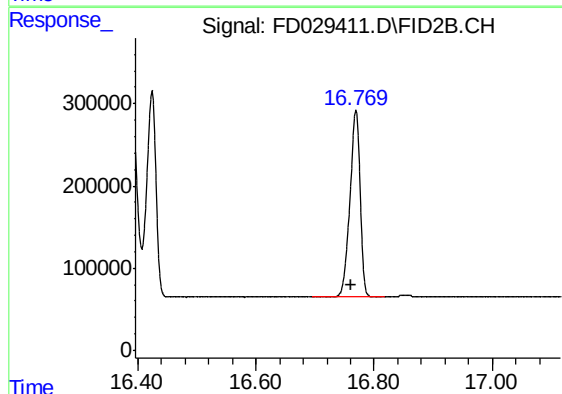
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.391 min
Delta R.T.: 0.007 min
Response: 2764448
Conc: 22.32 ug/ml



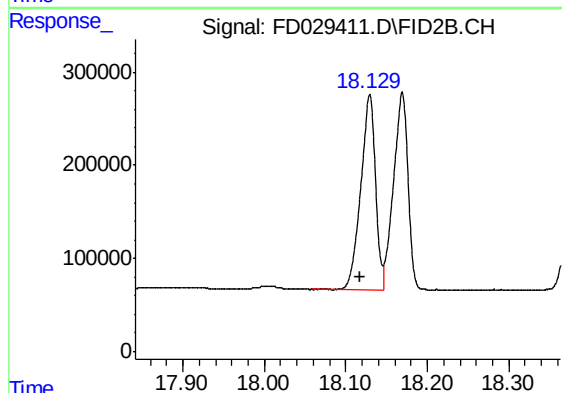
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.424 min
Delta R.T.: 0.009 min
Response: 2752529
Conc: 22.35 ug/ml



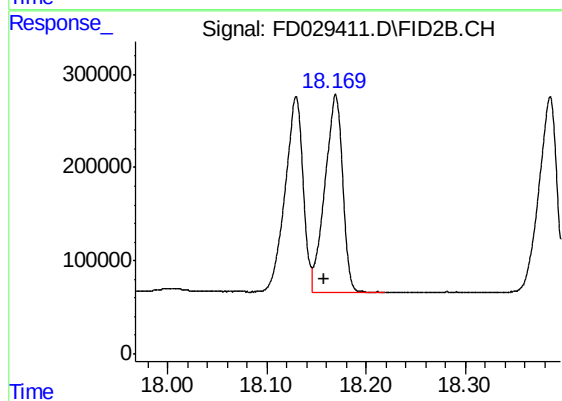
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.769 min
Delta R.T.: 0.008 min
Response: 2732786
Conc: 22.34 ug/ml



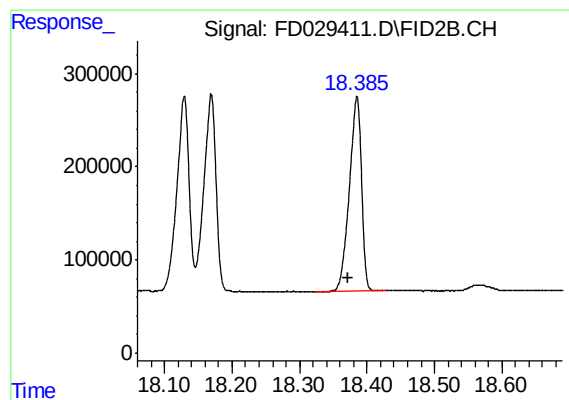
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.129 min
Delta R.T.: 0.012 min
Response: 2623609
Conc: 22.24 ug/ml



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

R.T.: 18.169 min
Delta R.T.: 0.011 min
Response: 2623639
Conc: 22.66 ug/ml



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

R.T.: 18.385 min
Delta R.T.: 0.013 min
Response: 2608598
Conc: 22.47 ug/ml