

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061719AR\
 Data File : FD029444.D
 Signal(s) : FID2B.CH
 Acq On : 18 Jun 2019 6:48
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 18 07:15:05 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...	7.729	2291611	19.724 ug/ml
Spiked Amount 50.000		Recovery =	39.45%
6) S 2-Fluorobiphenyl (SURR)	8.594	1552462	19.585 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.17%
11) S ortho-Terphenyl (SURR)	11.630	2446691	19.066 ug/ml
Spiked Amount 50.000		Recovery =	38.13%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.525	2473961	20.250 ug/ml
2) T Naphthalene (C11.7)	6.069	2606377	20.000 ug/ml
3) T 2-Methylnaphthalene (...)	7.120	2561683	19.845 ug/ml
5) T Acenaphthylene (C15.06)	8.398	2443738	19.329 ug/ml
7) T Acenaphthene (C15.5)	8.692	2548609	19.532 ug/ml
8) T Flouorene (C16.55)	9.472	2520716	19.372 ug/ml
9) T Phenanthrene (C19.36)	10.868	2526229	19.253 ug/ml
10) T Anthracene (C19.43)	10.942	2406534	18.621 ug/ml
12) T Fluoranthene (C21.85)	12.677	2501065	19.017 ug/ml
13) T Pyrene (C20.8)	12.975	2497384	18.964 ug/ml
14) T Benzo[a]anthracene (C...	14.840	2361690	18.781 ug/ml
15) T Chrysene (C27.41)	14.883	2371200	18.805 ug/ml
16) T benzo[b]fluoranthene ...	16.386	2358690	19.045 ug/ml
17) T Bnezo[k]fluoranthene ...	16.419	2328690	18.906 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.766	2333869	19.077 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.125	2265410	19.201 ug/ml
20) T Dibenz[a,h]anthracene...	18.164	2273915	19.644 ug/ml
21) T Benzo[g,h,i]perylene ...	18.380	2268346	19.540 ug/ml

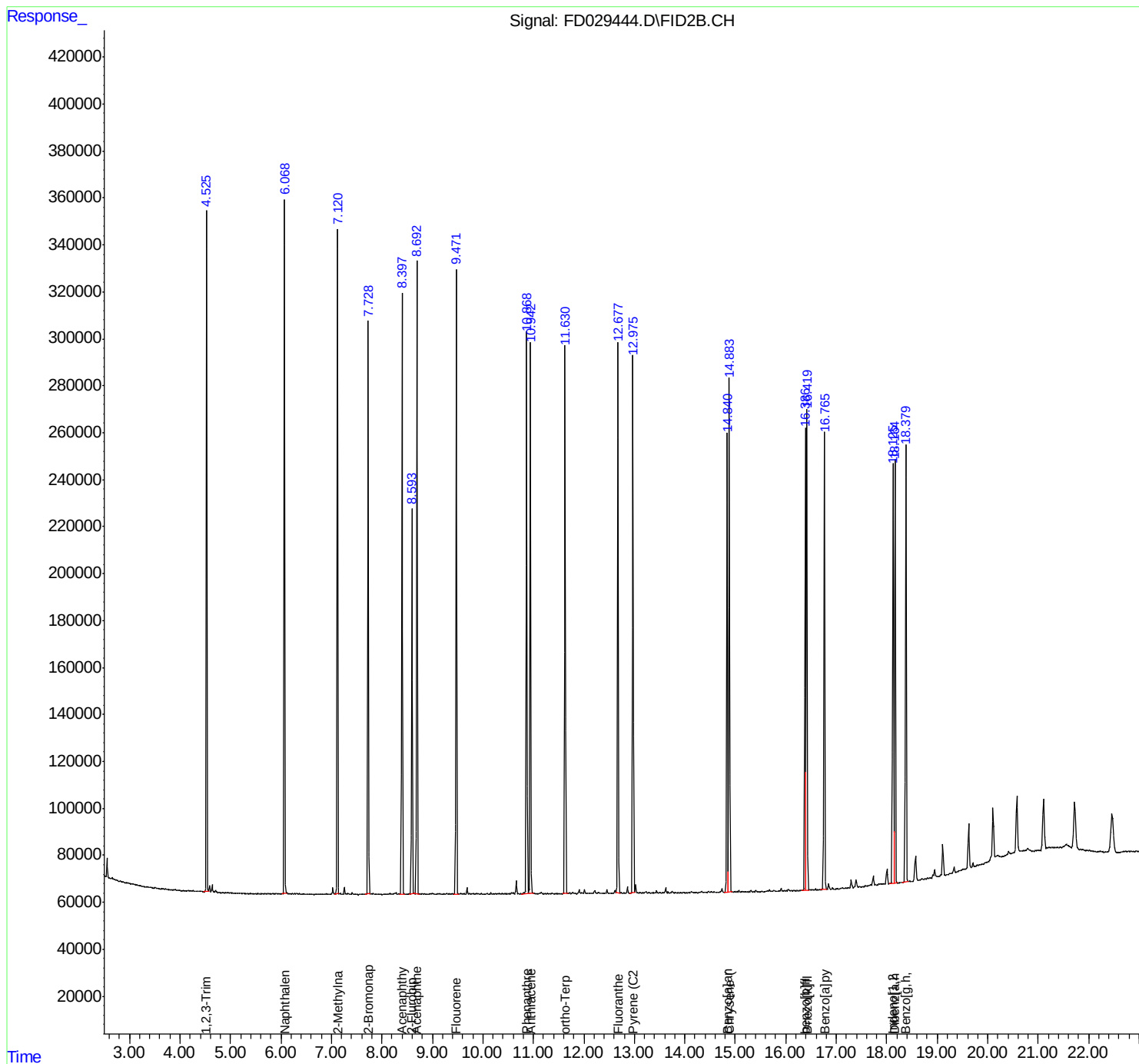
(f)=RT Delta > 1/2 Window

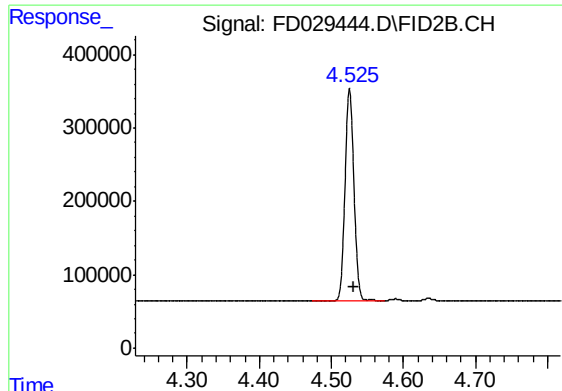
(m)=manual int.

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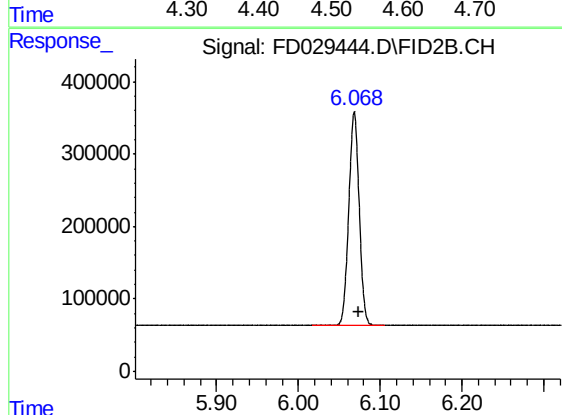
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





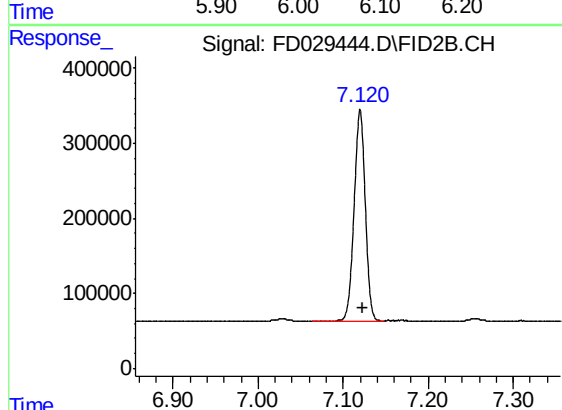
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.525 min
Delta R.T.: -0.006 min
Response: 2473961
Conc: 20.25 ug/ml



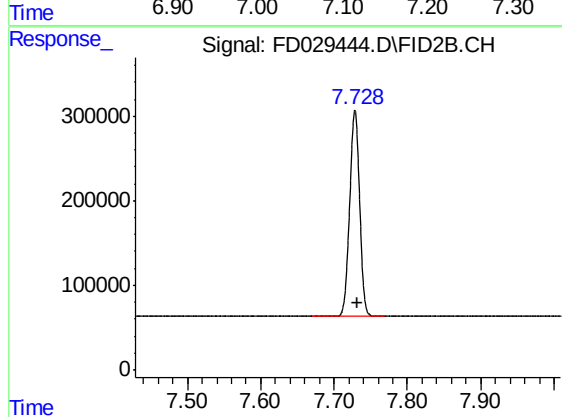
#2 Naphthalene (C11.7)

R.T.: 6.069 min
Delta R.T.: -0.005 min
Response: 2606377
Conc: 20.00 ug/ml



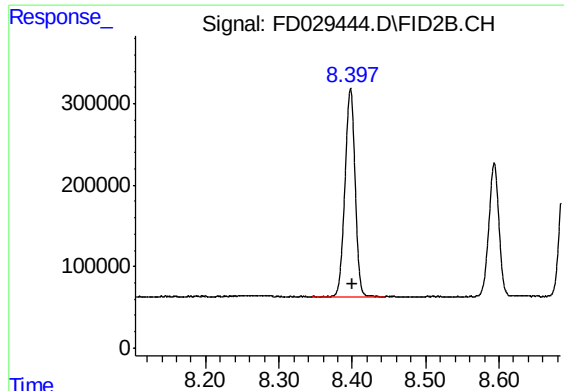
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.120 min
Delta R.T.: -0.003 min
Response: 2561683
Conc: 19.84 ug/ml



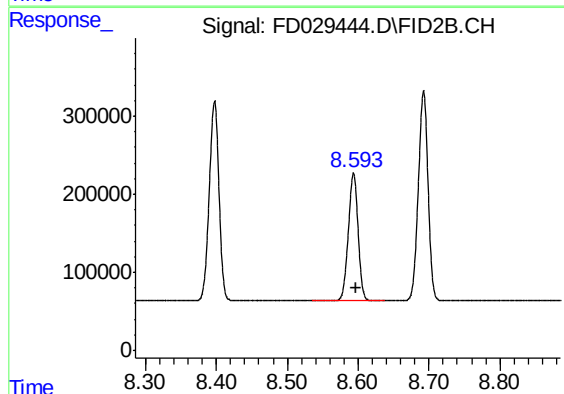
#4 2-Bromonaphthalene (SURR)

R.T.: 7.729 min
Delta R.T.: -0.003 min
Response: 2291611
Conc: 19.72 ug/ml



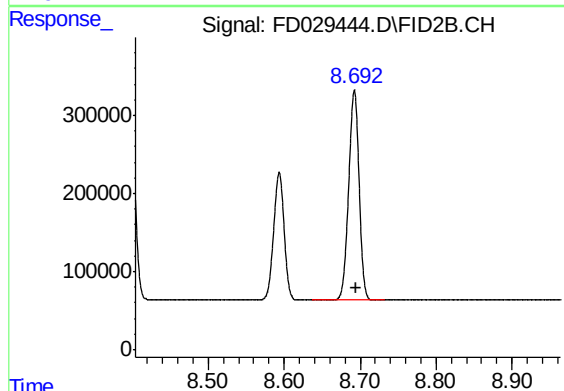
#5 Acenaphthylene (C15.06)

R.T.: 8.398 min
Delta R.T.: -0.003 min
Response: 2443738
Conc: 19.33 ug/ml



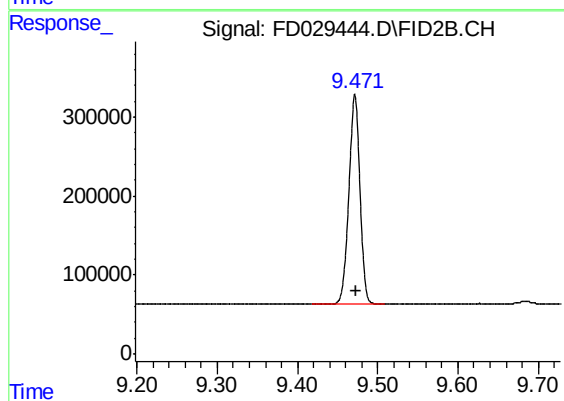
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.594 min
Delta R.T.: -0.003 min
Response: 1552462
Conc: 19.59 ug/ml



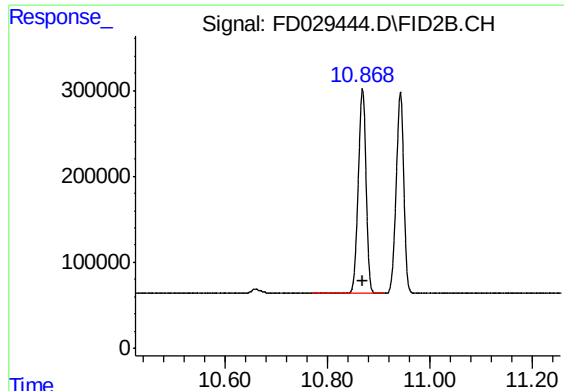
#7 Acenaphthene (C15.5)

R.T.: 8.692 min
Delta R.T.: -0.003 min
Response: 2548609
Conc: 19.53 ug/ml



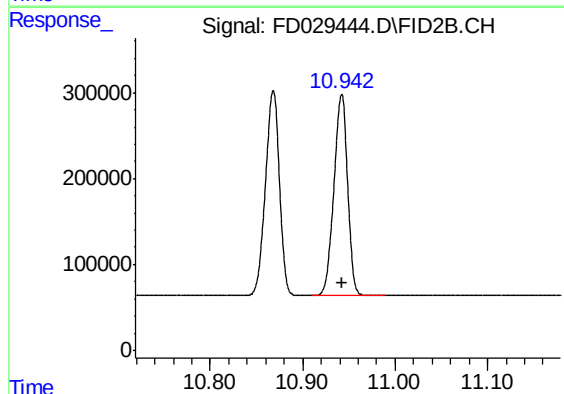
#8 Flouorene (C16.55)

R.T.: 9.472 min
Delta R.T.: -0.002 min
Response: 2520716
Conc: 19.37 ug/ml



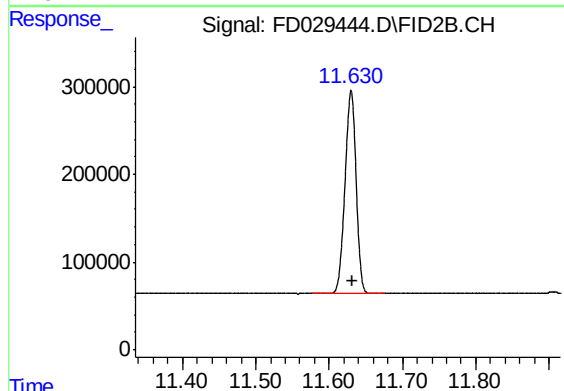
#9 Phenanthrene (C19.36)

R.T.: 10.868 min
Delta R.T.: 0.000 min
Response: 2526229
Conc: 19.25 ug/ml



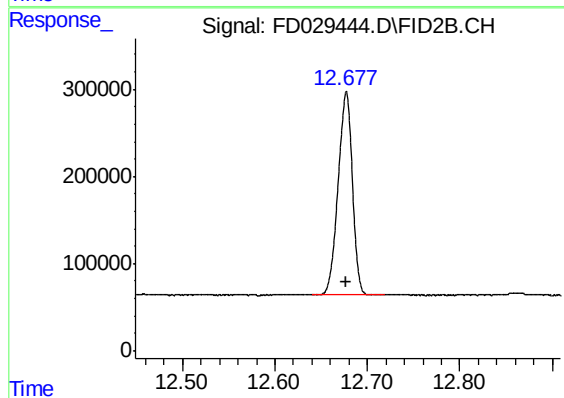
#10 Anthracene (C19.43)

R.T.: 10.942 min
Delta R.T.: 0.000 min
Response: 2406534
Conc: 18.62 ug/ml



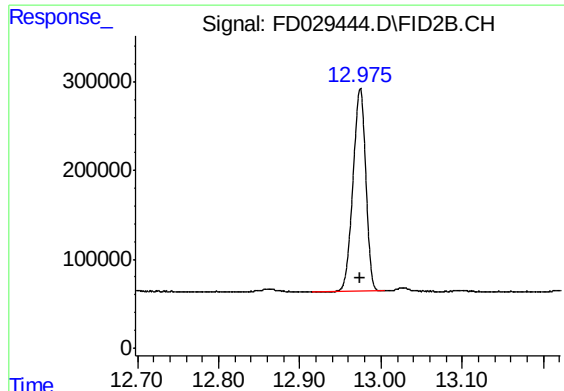
#11 ortho-Terphenyl (SURR)

R.T.: 11.630 min
Delta R.T.: -0.002 min
Response: 2446691
Conc: 19.07 ug/ml



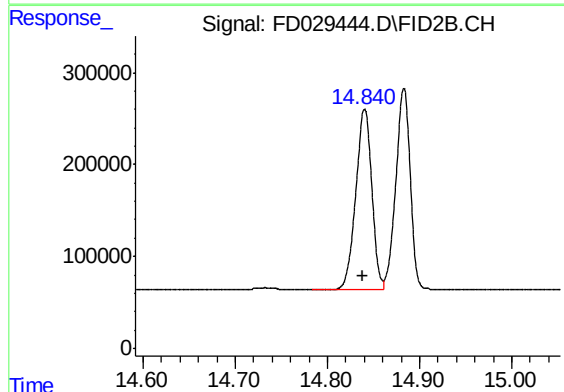
#12 Fluoranthene (C21.85)

R.T.: 12.677 min
Delta R.T.: 0.000 min
Response: 2501065
Conc: 19.02 ug/ml



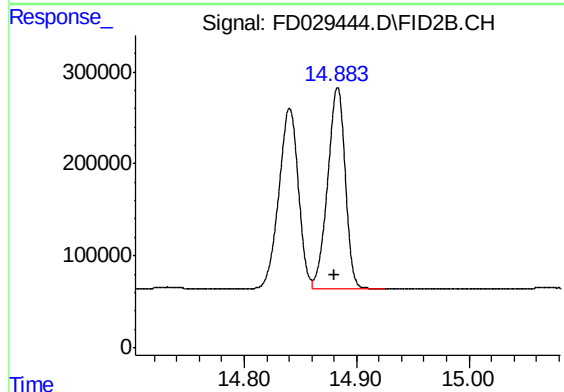
#13 Pyrene (C20.8)

R.T.: 12.975 min
Delta R.T.: 0.000 min
Response: 2497384
Conc: 18.96 ug/ml



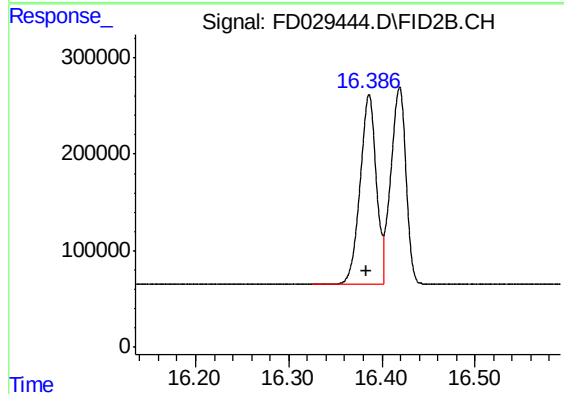
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.840 min
Delta R.T.: 0.002 min
Response: 2361690
Conc: 18.78 ug/ml



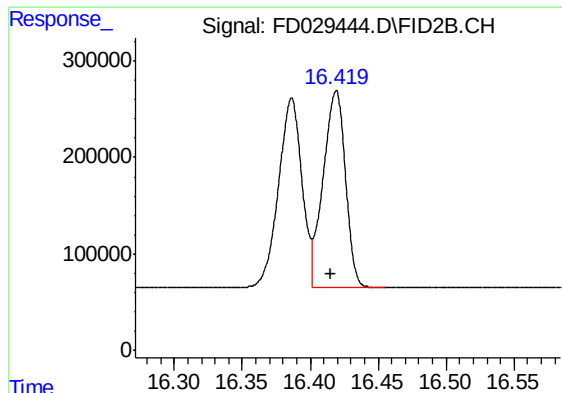
#15 Chrysene (C27.41)

R.T.: 14.883 min
Delta R.T.: 0.003 min
Response: 2371200
Conc: 18.80 ug/ml



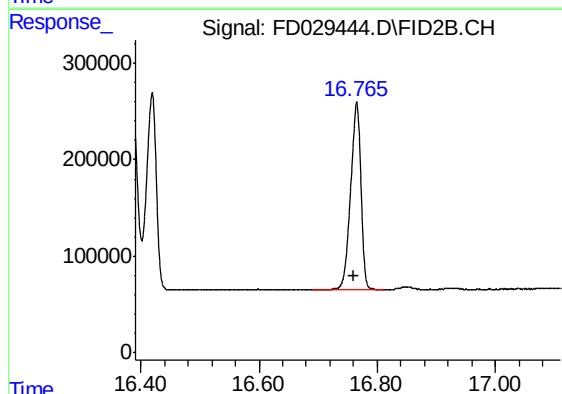
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.386 min
Delta R.T.: 0.003 min
Response: 2358690
Conc: 19.05 ug/ml



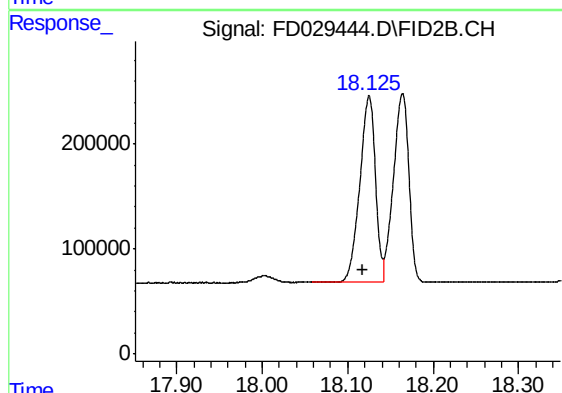
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.419 min
Delta R.T.: 0.004 min
Response: 2328690
Conc: 18.91 ug/ml



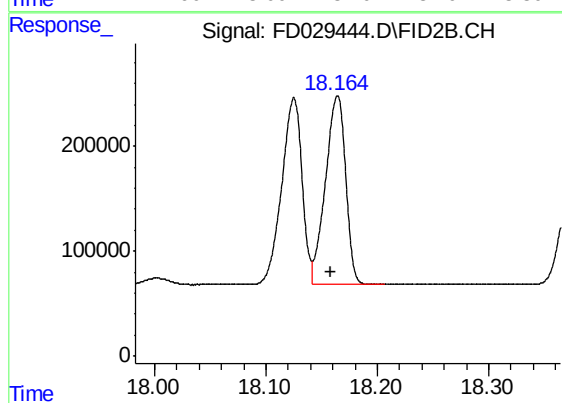
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.766 min
Delta R.T.: 0.005 min
Response: 2333869
Conc: 19.08 ug/ml



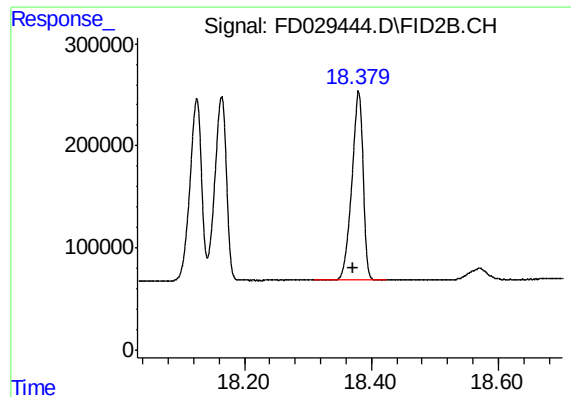
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.125 min
Delta R.T.: 0.008 min
Response: 2265410
Conc: 19.20 ug/ml



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

R.T.: 18.164 min
Delta R.T.: 0.006 min
Response: 2273915
Conc: 19.64 ug/ml



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

R.T.: 18.380 min
Delta R.T.: 0.008 min
Response: 2268346
Conc: 19.54 ug/ml