

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD073120AR\
 Data File : FD034276.D
 Signal(s) : FID2B.CH
 Acq On : 01 Aug 2020 2:33
 Operator : DD\AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 03 10:49:59 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 073120.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 03 10:46:58 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...	7.704	5794508	47.909 ug/ml
Spiked Amount 50.000		Recovery =	95.82%
6) S 2-Fluorobiphenyl (SURR)	8.571	4107063	47.821 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	95.64%
11) S ortho-Terphenyl (SURR)	11.613	6693121	47.666 ug/ml
Spiked Amount 50.000		Recovery =	95.33%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.497	6265665	47.942 ug/ml
2) T Naphthalene (C11.7)	6.041	6627449	47.892 ug/ml
3) T 2-Methylnaphthalene (...)	7.096	6686826	47.909 ug/ml
5) T Acenaphthylene (C15.06)	8.374	6498600	47.610 ug/ml
7) T Acenaphthene (C15.5)	8.671	6640108	47.769 ug/ml
8) T Fluorene (C16.55)	9.452	6561489	47.709 ug/ml
9) T Phenanthrene (C19.36)	10.851	6620727	47.675 ug/ml
10) T Anthracene (C19.43)	10.927	6568366	47.818 ug/ml
12) T Fluoranthene (C21.85)	12.666	6690159	47.597 ug/ml
13) T Pyrene (C20.8)	12.964	6541444	47.554 ug/ml
14) T Benzo[a]anthracene (C...	14.834	6449927	47.521 ug/ml
15) T Chrysene (C27.41)	14.879	6431327	47.508 ug/ml
16) T benzo[b]fluoranthene ...	16.386	6275437	47.632 ug/ml
17) T Bnezo[k]fluoranthene ...	16.422	6074240	47.264 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.766	6130706	47.405 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.131	5910349	47.975 ug/ml
20) T Dibenz[a,h]anthracene...	18.170	5701044	46.404 ug/ml
21) T Benzo[g,h,i]perylene ...	18.389	5784886	47.217 ug/ml

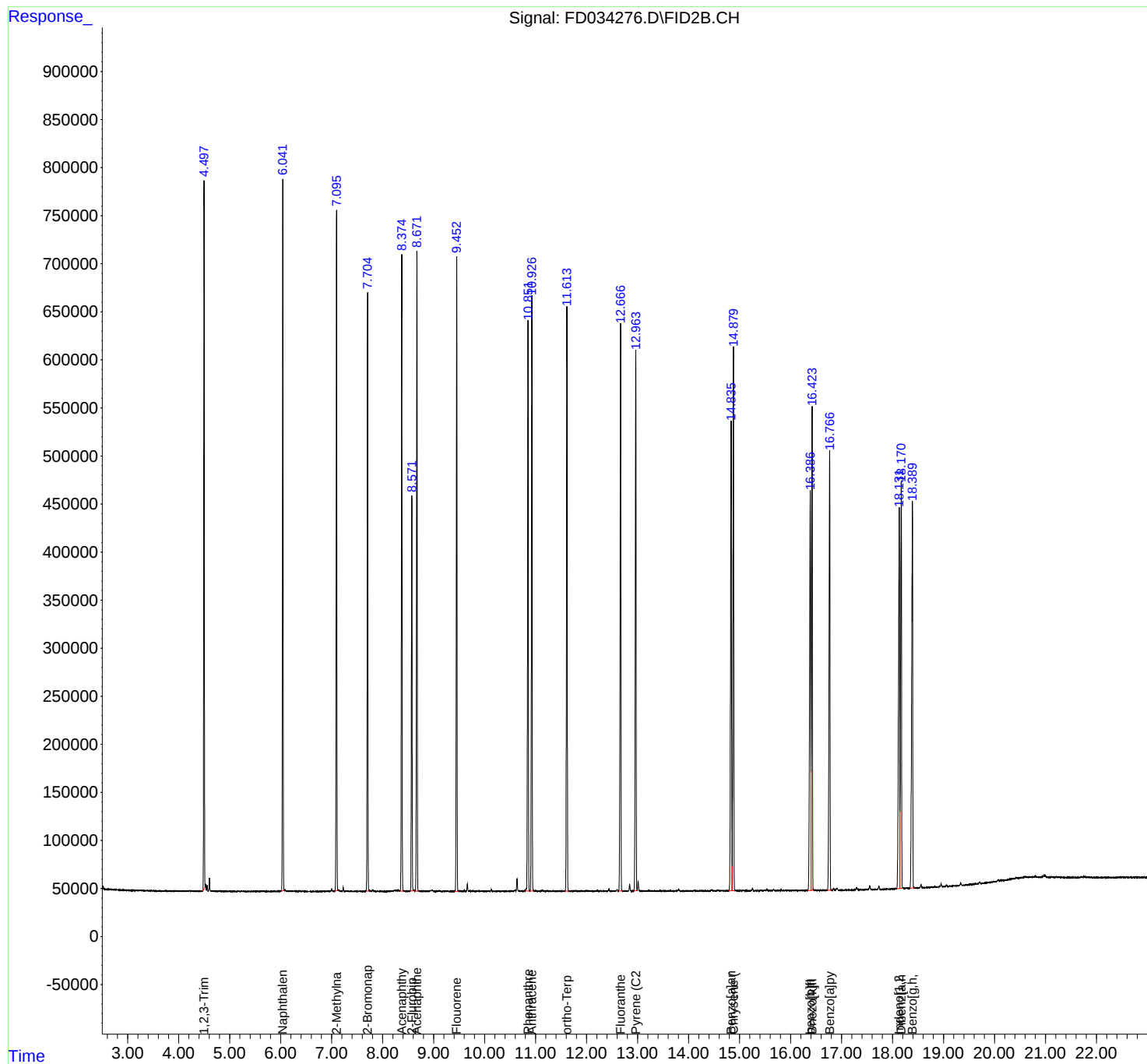
(f)=RT Delta > 1/2 Window

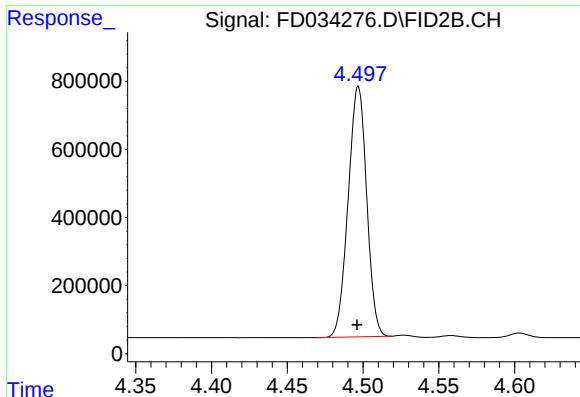
(m)=manual int.

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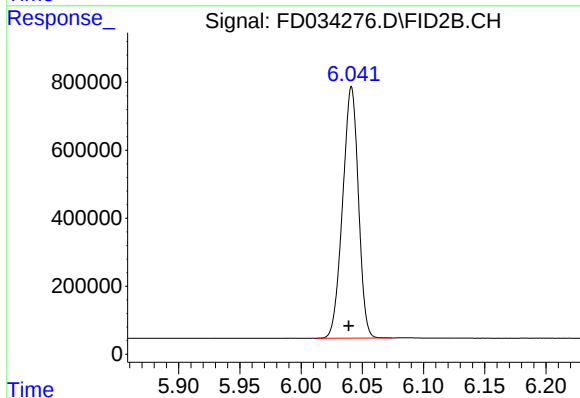
Volume Inj. : 1 µl
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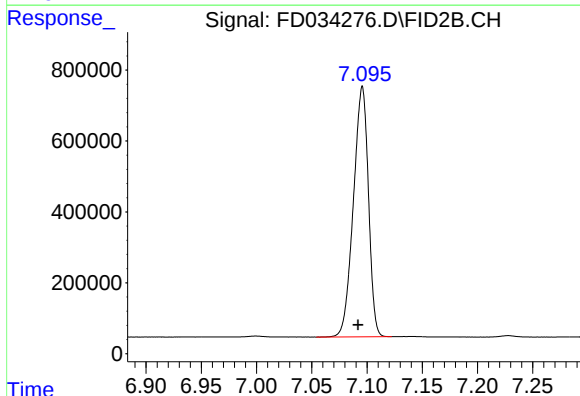
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.497 min
Delta R.T.: 0.000 min
Response: 6265665
Conc: 47.94 ug/ml



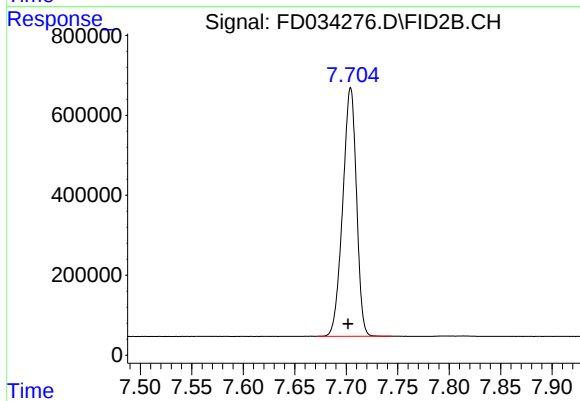
#2 Naphthalene (C11.7)

R.T.: 6.041 min
Delta R.T.: 0.002 min
Response: 6627449
Conc: 47.89 ug/ml



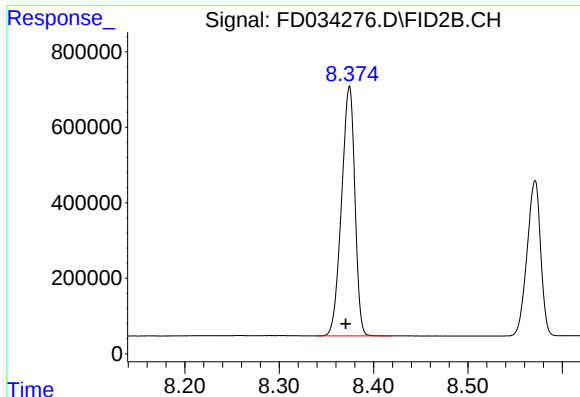
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.096 min
Delta R.T.: 0.004 min
Response: 6686826
Conc: 47.91 ug/ml



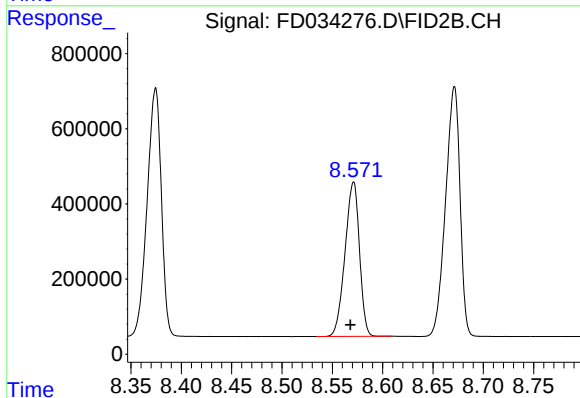
#4 2-Bromonaphthalene (SURR)

R.T.: 7.704 min
Delta R.T.: 0.003 min
Response: 5794508
Conc: 47.91 ug/ml



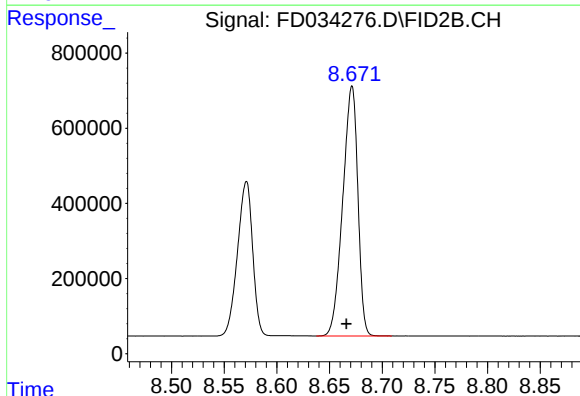
#5 Acenaphthylene (C15.06)

R.T.: 8.374 min
Delta R.T.: 0.004 min
Response: 6498600
Conc: 47.61 ug/ml



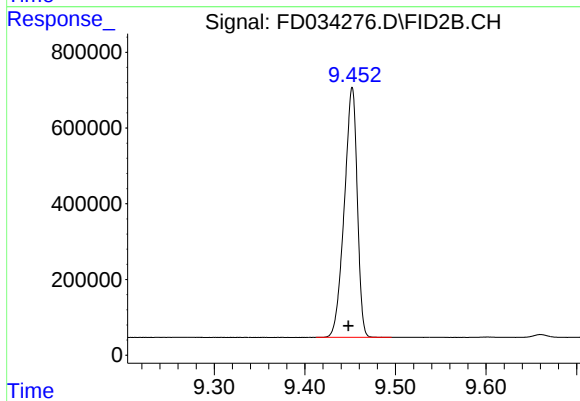
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.571 min
Delta R.T.: 0.003 min
Response: 4107063
Conc: 47.82 ug/ml



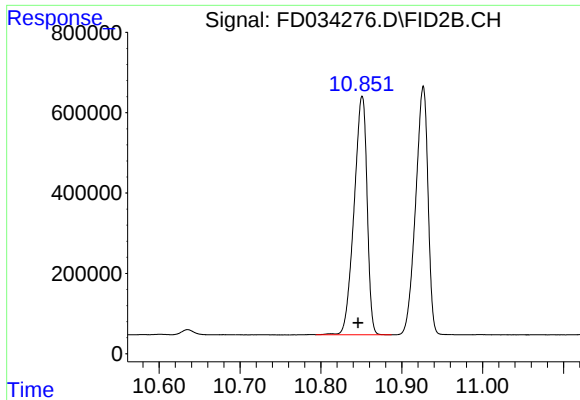
#7 Acenaphthene (C15.5)

R.T.: 8.671 min
Delta R.T.: 0.005 min
Response: 6640108
Conc: 47.77 ug/ml



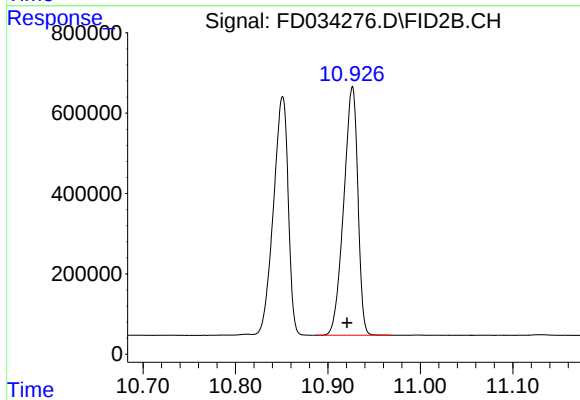
#8 Fluorene (C16.55)

R.T.: 9.452 min
Delta R.T.: 0.004 min
Response: 6561489
Conc: 47.71 ug/ml



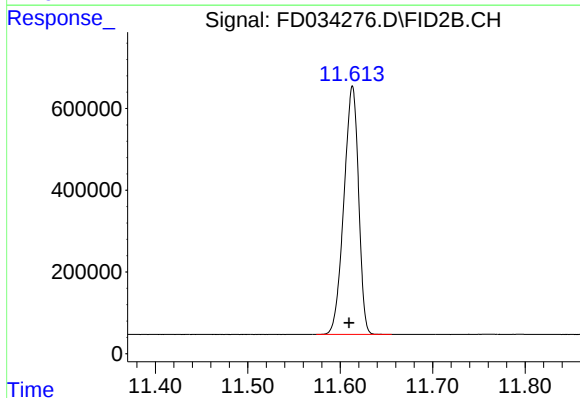
#9 Phenanthrene (C19.36)

R.T.: 10.851 min
Delta R.T.: 0.005 min
Response: 6620727
Conc: 47.68 ug/ml



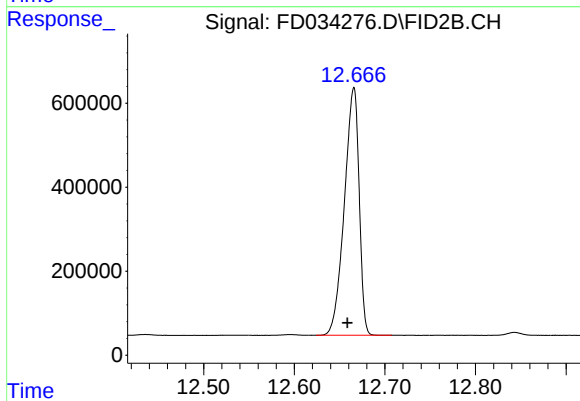
#10 Anthracene (C19.43)

R.T.: 10.927 min
Delta R.T.: 0.006 min
Response: 6568366
Conc: 47.82 ug/ml



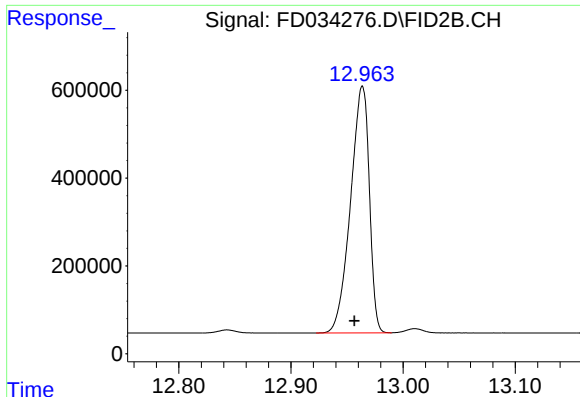
#11 ortho-Terphenyl (SURR)

R.T.: 11.613 min
Delta R.T.: 0.004 min
Response: 6693121
Conc: 47.67 ug/ml



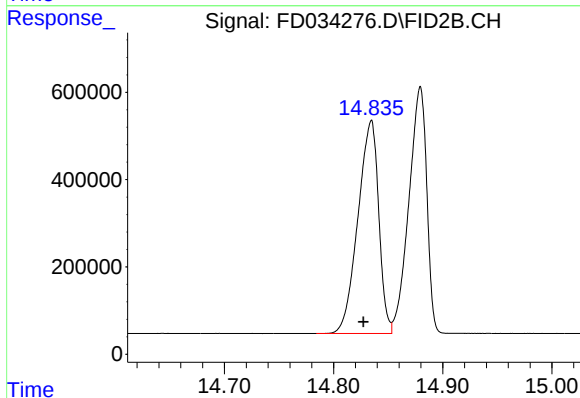
#12 Fluoranthene (C21.85)

R.T.: 12.666 min
Delta R.T.: 0.007 min
Response: 6690159
Conc: 47.60 ug/ml



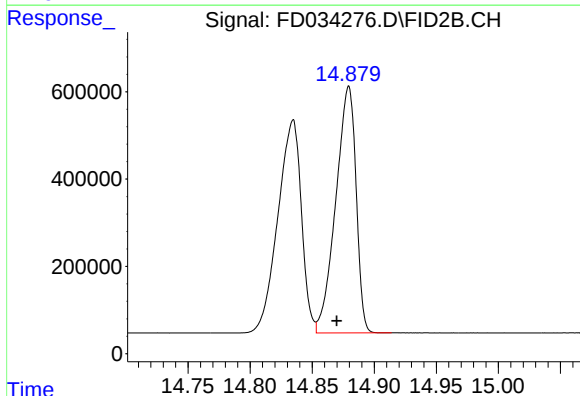
#13 Pyrene (C20.8)

R.T.: 12.964 min
Delta R.T.: 0.007 min
Response: 6541444
Conc: 47.55 ug/ml



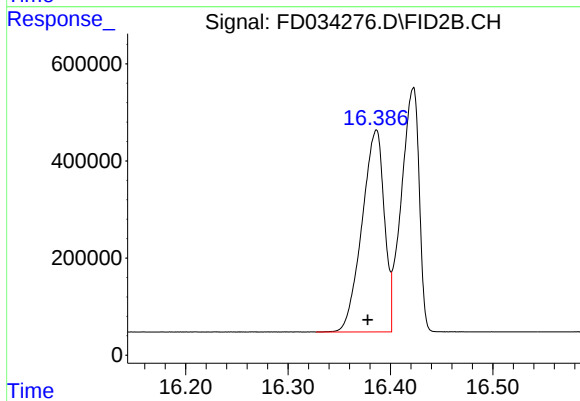
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.834 min
Delta R.T.: 0.007 min
Response: 6449927
Conc: 47.52 ug/ml



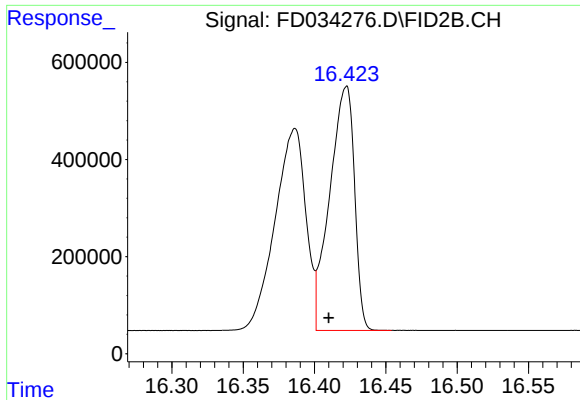
#15 Chrysene (C27.41)

R.T.: 14.879 min
Delta R.T.: 0.010 min
Response: 6431327
Conc: 47.51 ug/ml



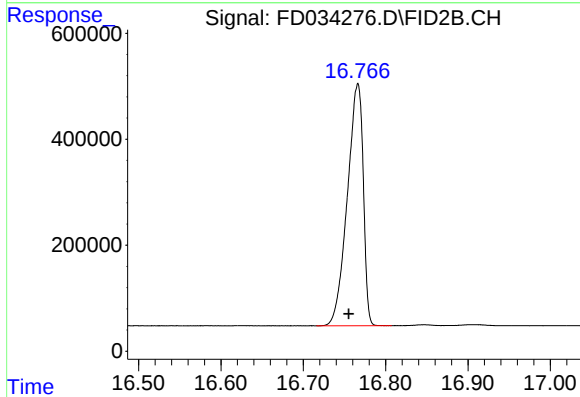
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.386 min
Delta R.T.: 0.008 min
Response: 6275437
Conc: 47.63 ug/ml



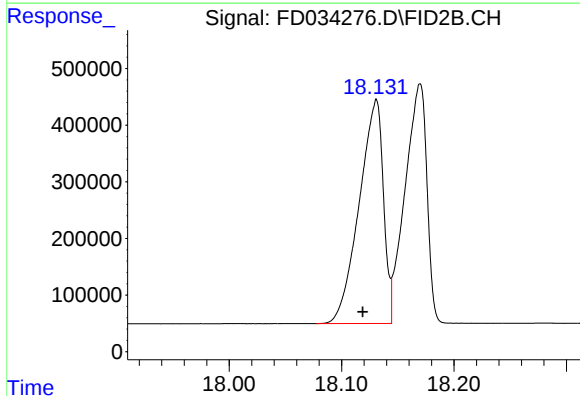
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.422 min
Delta R.T.: 0.012 min
Response: 6074240
Conc: 47.26 ug/ml



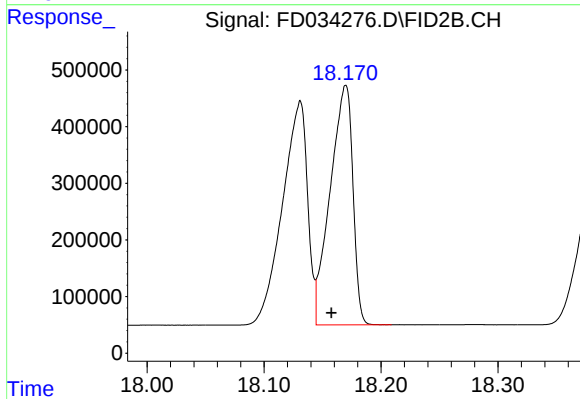
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.766 min
Delta R.T.: 0.011 min
Response: 6130706
Conc: 47.40 ug/ml



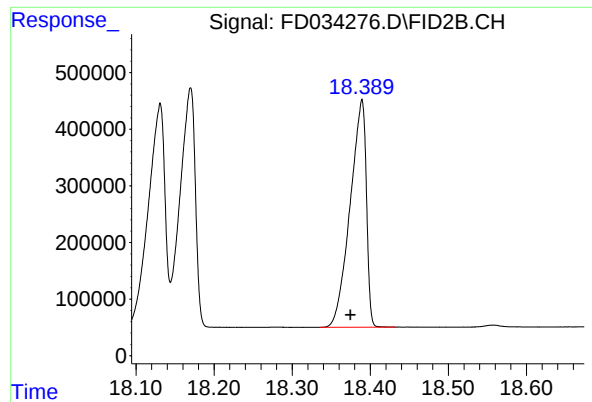
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.131 min
Delta R.T.: 0.012 min
Response: 5910349
Conc: 47.98 ug/ml



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

R.T.: 18.170 min
Delta R.T.: 0.012 min
Response: 5701044
Conc: 46.40 ug/ml



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

R.T.: 18.389 min
Delta R.T.: 0.015 min
Response: 5784886
Conc: 47.22 ug/ml