

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120721AR\
 Data File : FD039750.D
 Signal(s) : FID2B.CH
 Acq On : 07 Dec 2021 14:01
 Operator : AJ\MA
 Sample : SOIL IDOC 02
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 08 00:22:47 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112321.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 24 04:30:20 2021
 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...	7.740	5927359	52.979 ug/ml
Spiked Amount 50.000		Recovery =	105.96%
6) S 2-Fluorobiphenyl (SURR)	8.610	4024058	53.657 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	107.31%
11) S ortho-Terphenyl (SURR)	11.654	6584528	53.239 ug/ml
Spiked Amount 50.000		Recovery =	106.48%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.529	4543981	36.687 ug/ml
2) T Naphthalene (C11.7)	6.075	5243613	41.004 ug/ml
3) T 2-Methylnaphthalene (...)	7.130	5292942	40.738 ug/ml
5) T Acenaphthylene (C15.06)	8.411	5492314	45.741 ug/ml
7) T Acenaphthene (C15.5)	8.707	5855539	45.979 ug/ml
8) T Fluorene (C16.55)	9.491	5717612	46.546 ug/ml
9) T Phenanthrene (C19.36)	10.893	5881861	49.037 ug/ml
10) T Anthracene (C19.43)	10.969	5803902	48.456 ug/ml
12) T Fluoranthene (C21.85)	12.710	5922939	49.685 ug/ml
13) T Pyrene (C20.8)	13.010	5785493	50.885 ug/ml
14) T Benzo[a]anthracene (C...	14.884	5433617	55.590 ug/ml
15) T Chrysene (C27.41)	14.927	6081539	53.418 ug/ml
16) T benzo[b]fluoranthene ...	16.438	5459413	55.495 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.474	5516129	52.126 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.820	5332662	55.331 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.189	4906160	52.632 ug/mlm
20) T Dibenz[a,h]anthracene...	18.225	5376690	52.496 ug/ml
21) T Benzo[g,h,i]perylene ...	18.447	5265191	53.267 ug/ml

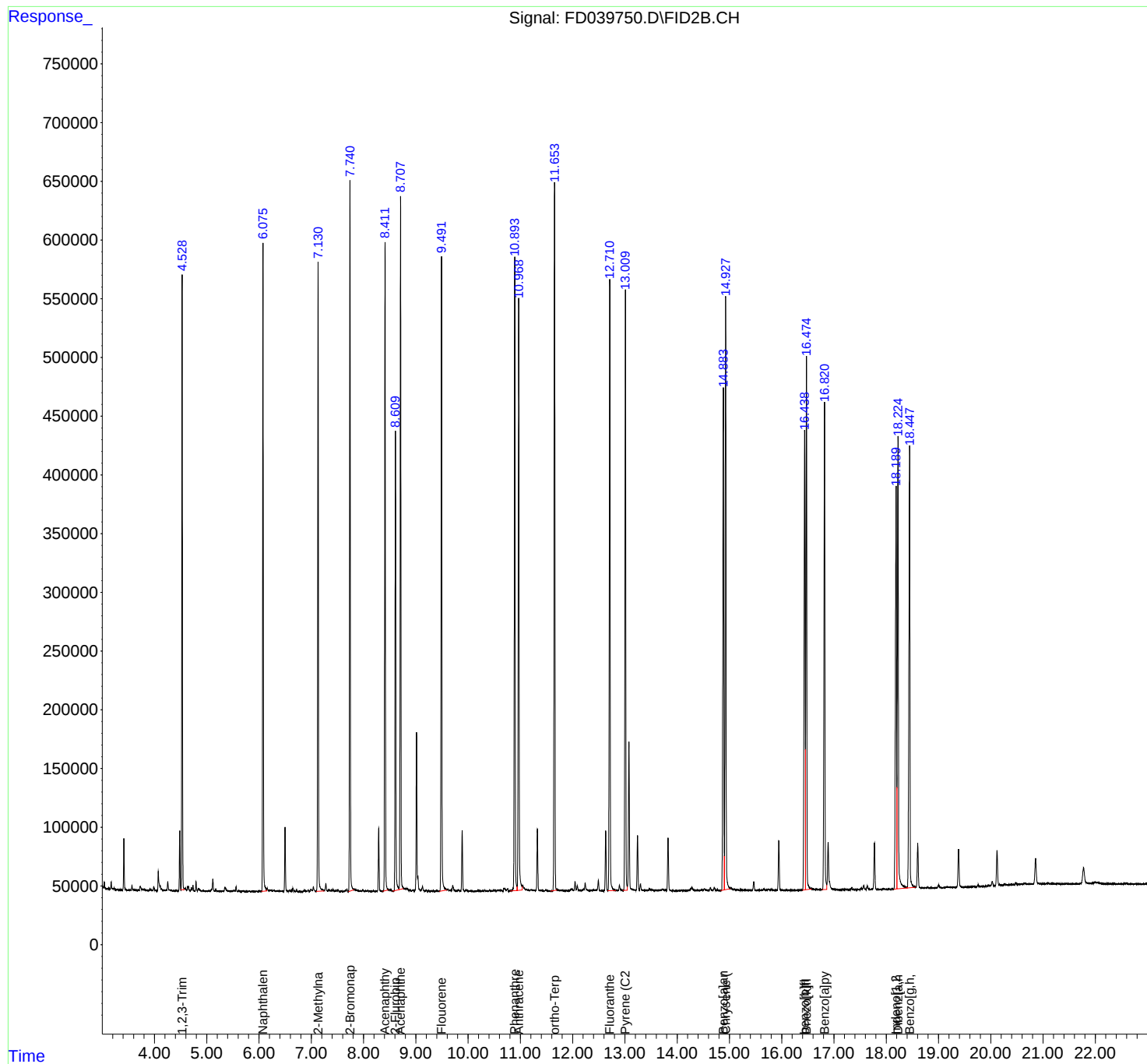
(f)=RT Delta > 1/2 Window

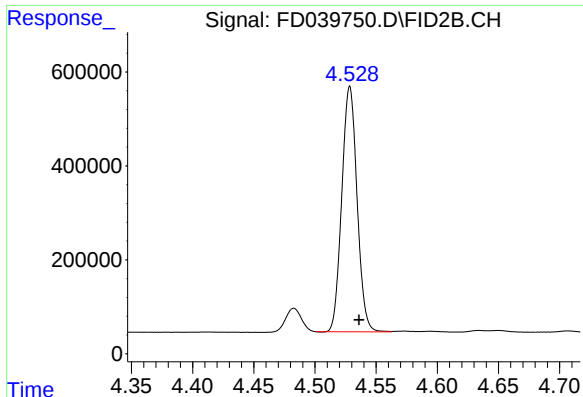
(m)=manual int.

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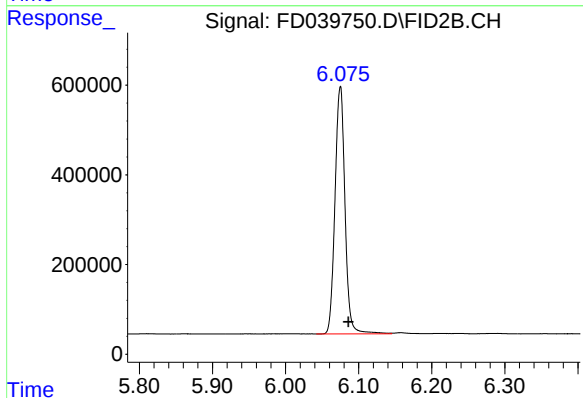
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Signal Info : 20M x 0.18mm x 0.18µm





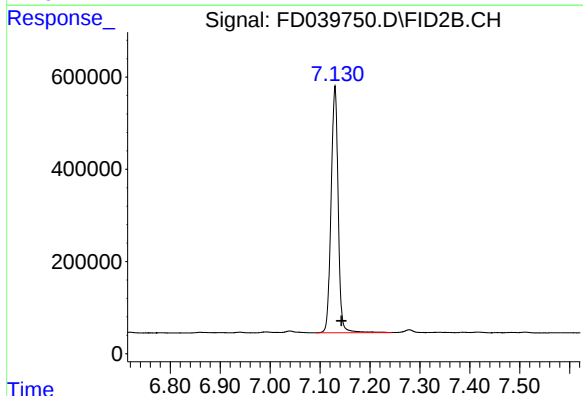
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.529 min
Delta R.T.: -0.007 min
Response: 4543981
Conc: 36.69 ug/ml



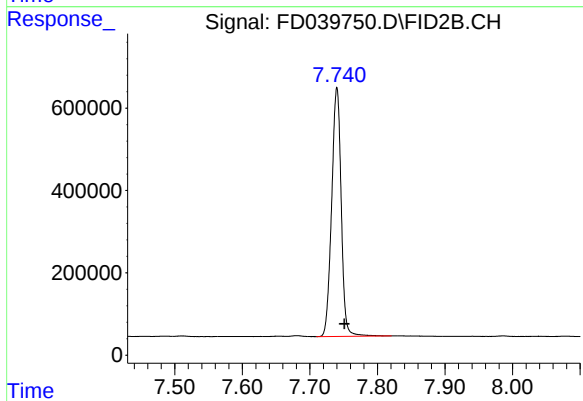
#2 Naphthalene (C11.7)

R.T.: 6.075 min
Delta R.T.: -0.011 min
Response: 5243613
Conc: 41.00 ug/ml



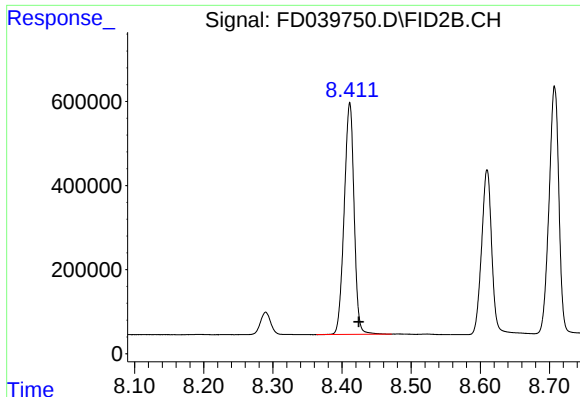
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.130 min
Delta R.T.: -0.012 min
Response: 5292942
Conc: 40.74 ug/ml



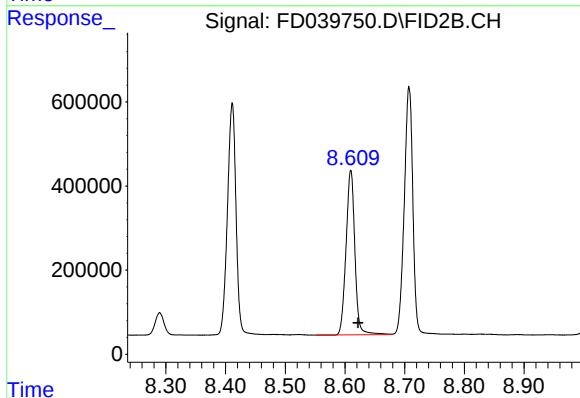
#4 2-Bromonaphthalene (SURR)

R.T.: 7.740 min
Delta R.T.: -0.011 min
Response: 5927359
Conc: 52.98 ug/ml



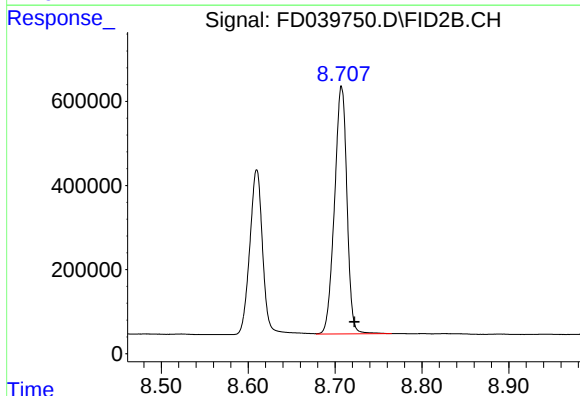
#5 Acenaphthylene (C15.06)

R.T.: 8.411 min
Delta R.T.: -0.013 min
Response: 5492314
Conc: 45.74 ug/ml



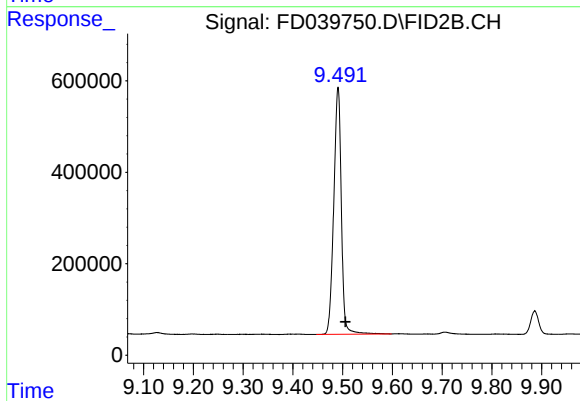
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.610 min
Delta R.T.: -0.012 min
Response: 4024058
Conc: 53.66 ug/ml



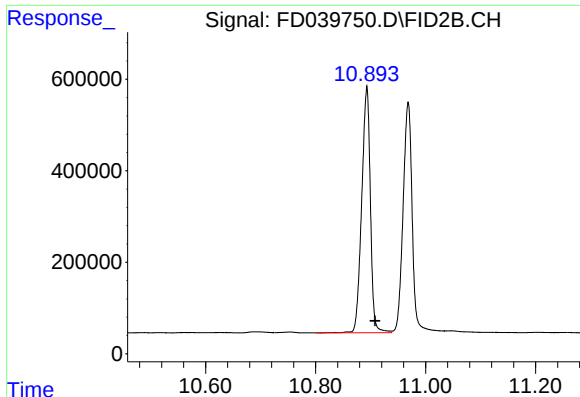
#7 Acenaphthene (C15.5)

R.T.: 8.707 min
Delta R.T.: -0.015 min
Response: 5855539
Conc: 45.98 ug/ml



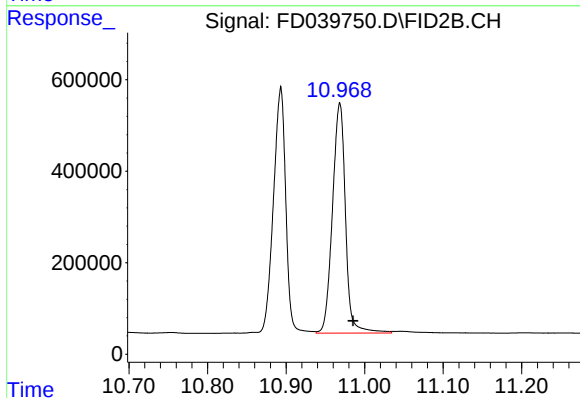
#8 Flouorene (C16.55)

R.T.: 9.491 min
Delta R.T.: -0.015 min
Response: 5717612
Conc: 46.55 ug/ml



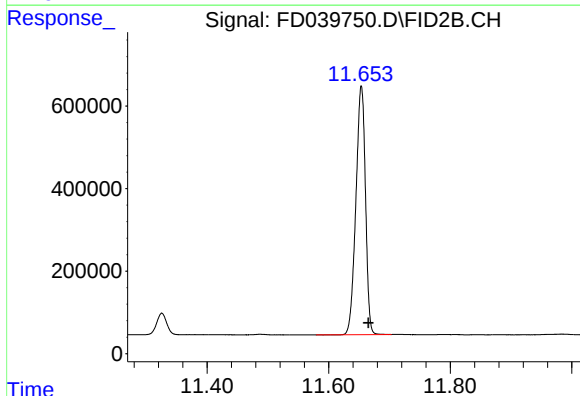
#9 Phenanthrene (C19.36)

R.T.: 10.893 min
Delta R.T.: -0.015 min
Response: 5881861
Conc: 49.04 ug/ml



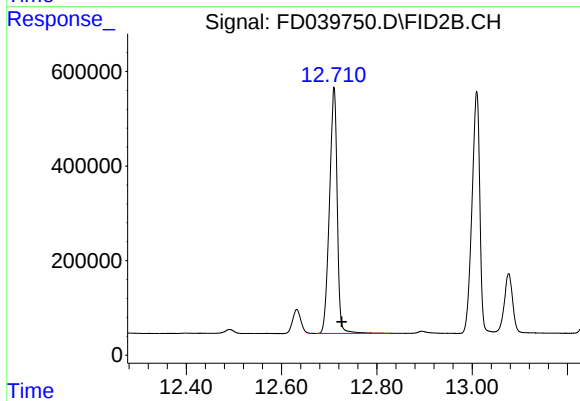
#10 Anthracene (C19.43)

R.T.: 10.969 min
Delta R.T.: -0.017 min
Response: 5803902
Conc: 48.46 ug/ml



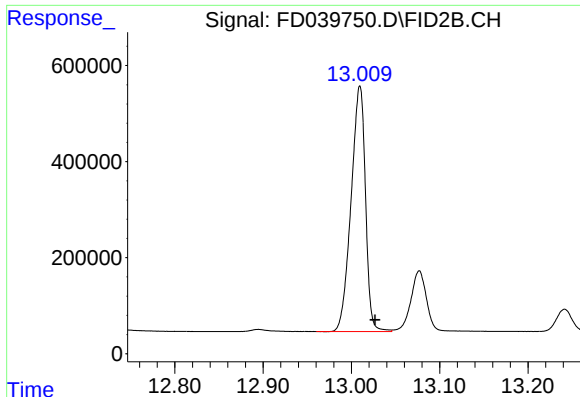
#11 ortho-Terphenyl (SURR)

R.T.: 11.654 min
Delta R.T.: -0.012 min
Response: 6584528
Conc: 53.24 ug/ml



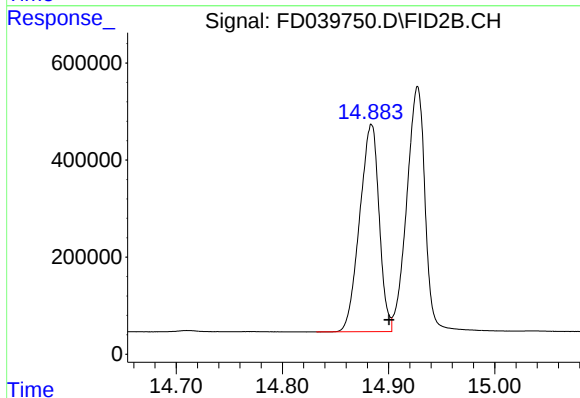
#12 Fluoranthene (C21.85)

R.T.: 12.710 min
Delta R.T.: -0.016 min
Response: 5922939
Conc: 49.68 ug/ml



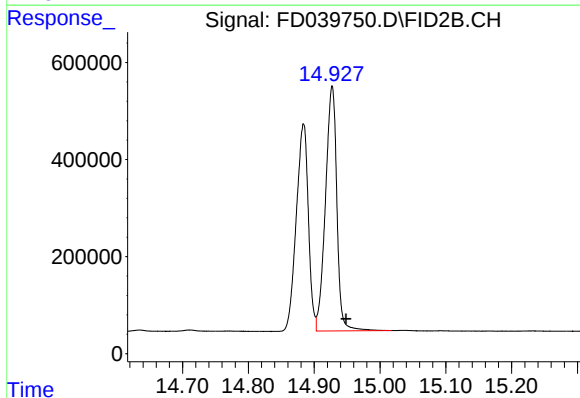
#13 Pyrene (C20.8)

R.T.: 13.010 min
Delta R.T.: -0.017 min
Response: 5785493
Conc: 50.88 ug/ml



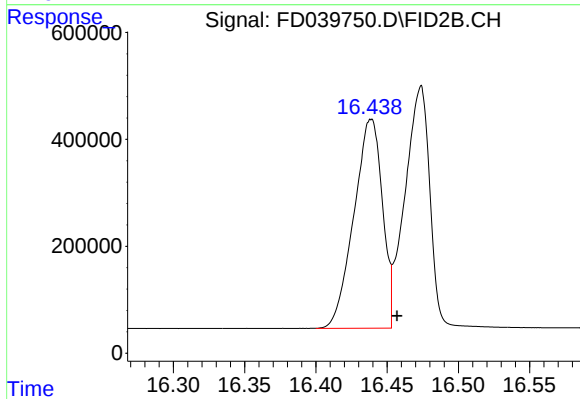
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.884 min
Delta R.T.: -0.016 min
Response: 5433617
Conc: 55.59 ug/ml



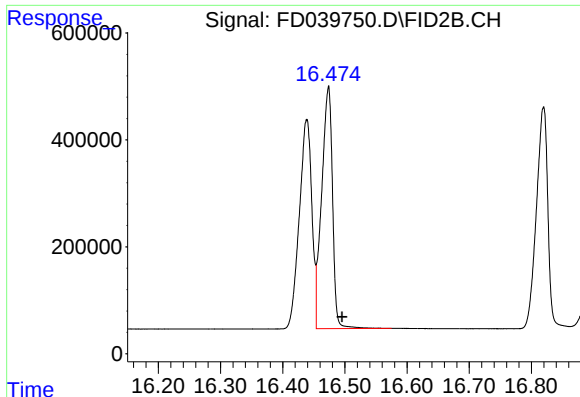
#15 Chrysene (C27.41)

R.T.: 14.927 min
Delta R.T.: -0.021 min
Response: 6081539
Conc: 53.42 ug/ml



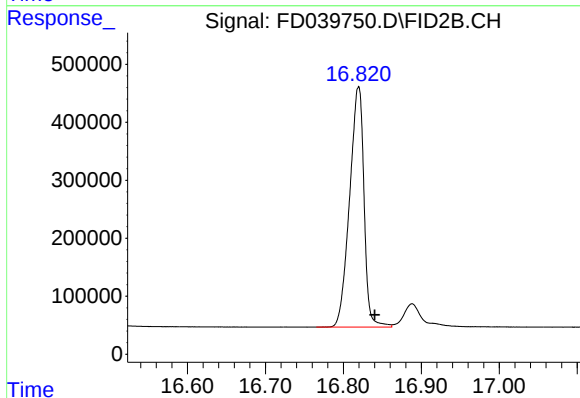
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.438 min
Delta R.T.: -0.019 min
Response: 5459413
Conc: 55.50 ug/ml m



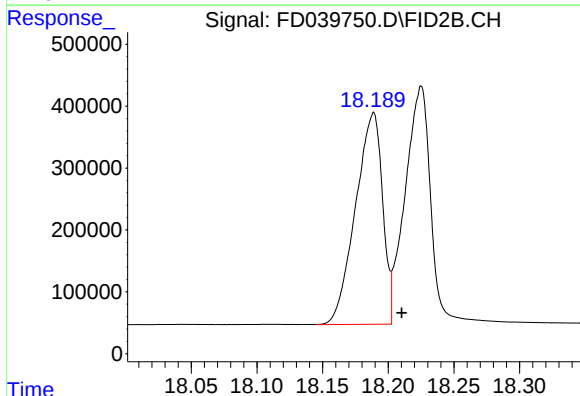
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.474 min
Delta R.T.: -0.022 min
Response: 5516129
Conc: 52.13 ug/ml



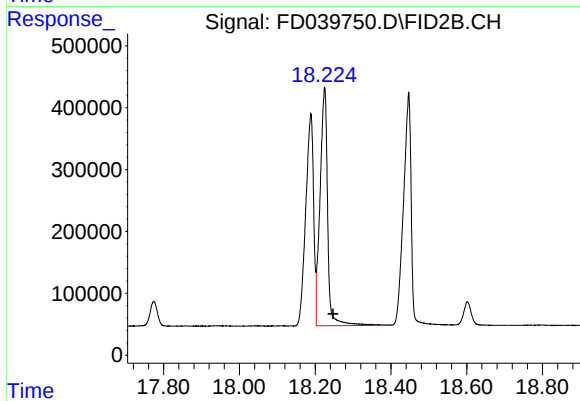
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.820 min
Delta R.T.: -0.021 min
Response: 5332662
Conc: 55.33 ug/ml



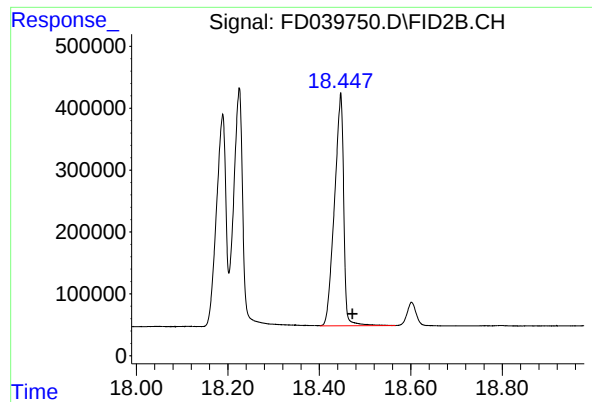
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.189 min
Delta R.T.: -0.022 min
Response: 4906160
Conc: 52.63 ug/ml m



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

R.T.: 18.225 min
Delta R.T.: -0.022 min
Response: 5376690
Conc: 52.50 ug/ml



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

R.T.: 18.447 min
Delta R.T.: -0.026 min
Response: 5265191
Conc: 53.27 ug/ml