

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090120AR\
 Data File : FD034638.D
 Signal(s) : FID2B.CH
 Acq On : 02 Sep 2020 3:20
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 02 06:51:15 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 083120.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 01 02:30:57 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...	7.688	2200614	21.455 ug/ml
Spiked Amount 50.000		Recovery =	42.91%
6) S 2-Fluorobiphenyl (SURR)	8.554	1539419	21.395 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.79%
11) S ortho-Terphenyl (SURR)	11.595	2509104	20.944 ug/ml
Spiked Amount 50.000		Recovery =	41.89%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.482	2448997	21.631 ug/ml
2) T Naphthalene (C11.7)	6.025	2506280	21.472 ug/ml
3) T 2-Methylnaphthalene (...)	7.079	2528887	21.412 ug/ml
5) T Acenaphthylene (C15.06)	8.357	2472119	21.153 ug/ml
7) T Acenaphthene (C15.5)	8.652	2522901	21.205 ug/ml
8) T Flouorene (C16.55)	9.434	2449949	21.249 ug/ml
9) T Phenanthrene (C19.36)	10.832	2450450	21.016 ug/ml
10) T Anthracene (C19.43)	10.906	2373357	20.834 ug/ml
12) T Fluoranthene (C21.85)	12.645	2431814	20.854 ug/ml
13) T Pyrene (C20.8)	12.942	2357716	20.775 ug/ml
14) T Benzo[a]anthracene (C...	14.813	2293436	20.781 ug/ml
15) T Chrysene (C27.41)	14.855	2305286	20.639 ug/ml
16) T benzo[b]fluoranthene ...	16.362	2239306	20.906 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.395	2182251	20.581 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.742	2184170	20.741 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.106	2141451	21.139 ug/mlm
20) T Dibenz[a,h]anthracene...	18.145	2156052	21.220 ug/ml
21) T Benzo[g,h,i]perylene ...	18.361	2141165	21.205 ug/ml

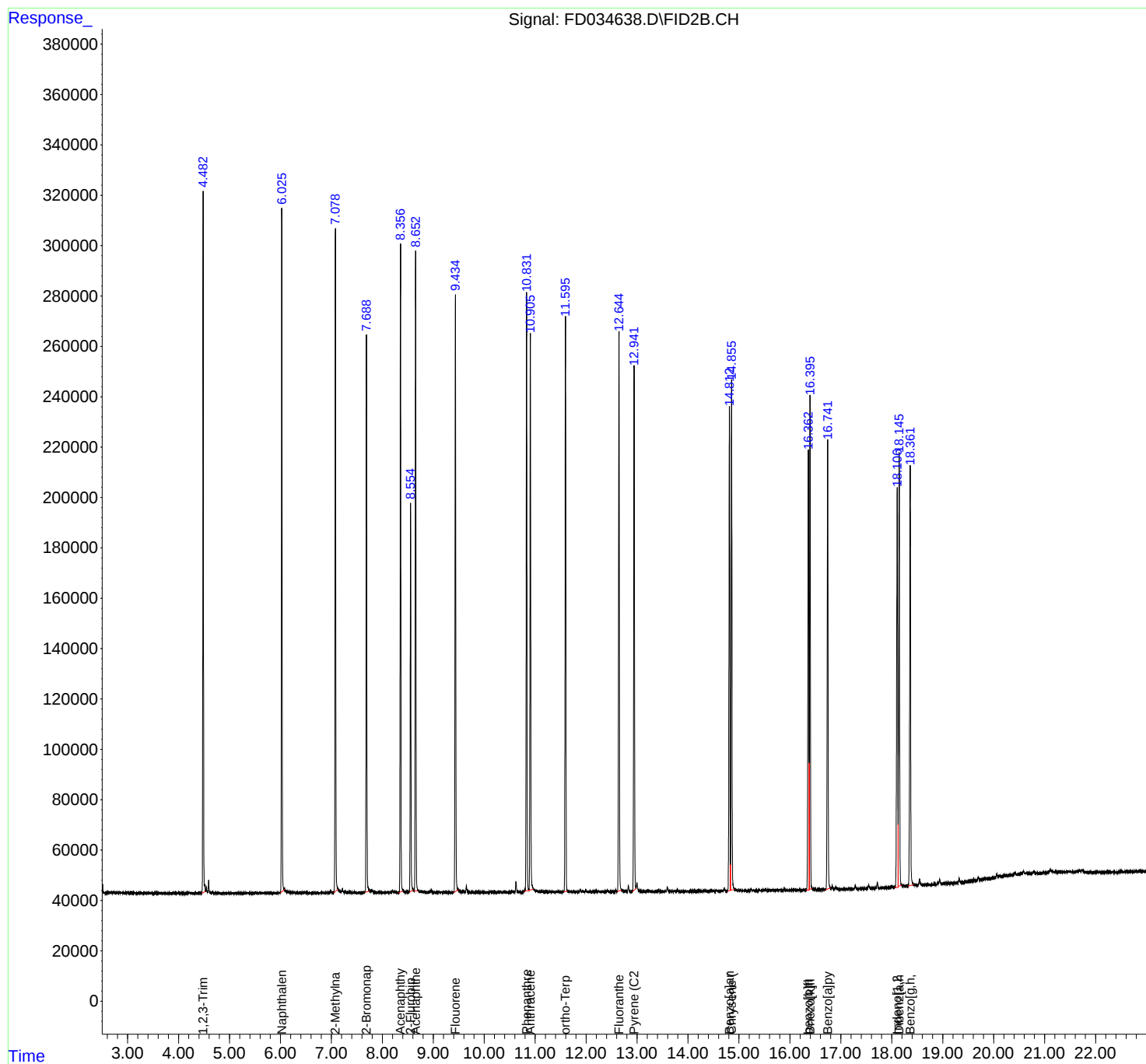
(f)=RT Delta > 1/2 Window

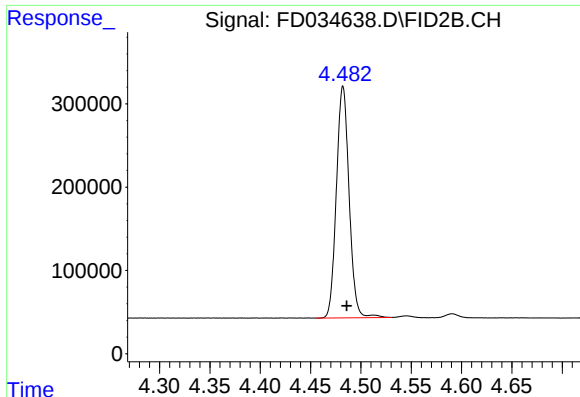
(m)=manual int.

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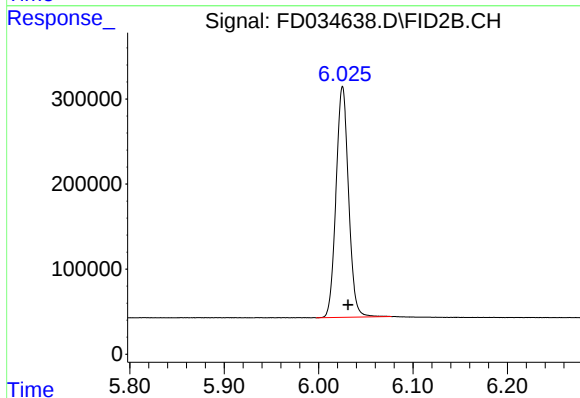
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





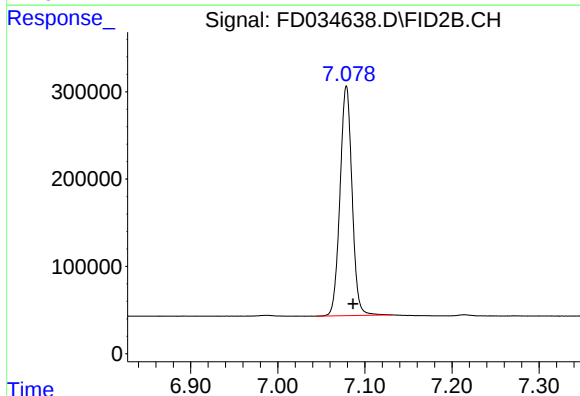
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.482 min
Delta R.T.: -0.004 min
Response: 2448997
Conc: 21.63 ug/ml



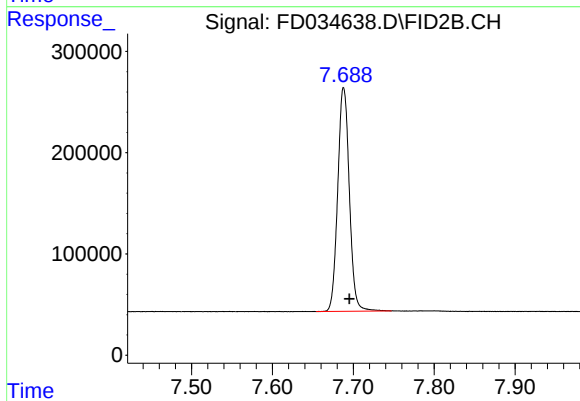
#2 Naphthalene (C11.7)

R.T.: 6.025 min
Delta R.T.: -0.006 min
Response: 2506280
Conc: 21.47 ug/ml



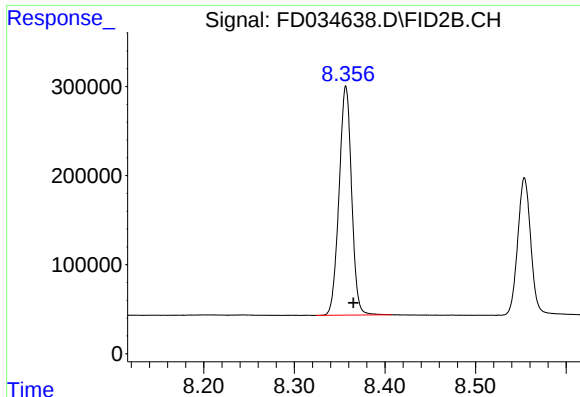
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.079 min
Delta R.T.: -0.008 min
Response: 2528887
Conc: 21.41 ug/ml



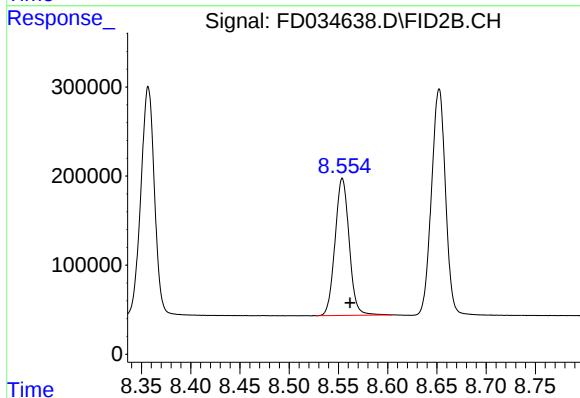
#4 2-Bromonaphthalene (SURR)

R.T.: 7.688 min
Delta R.T.: -0.007 min
Response: 2200614
Conc: 21.46 ug/ml



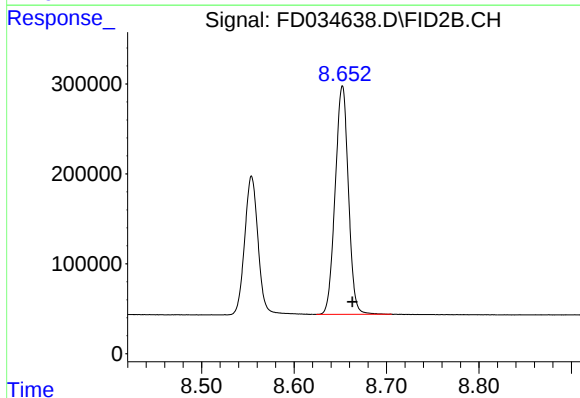
#5 Acenaphthylene (C15.06)

R.T.: 8.357 min
Delta R.T.: -0.008 min
Response: 2472119
Conc: 21.15 ug/ml



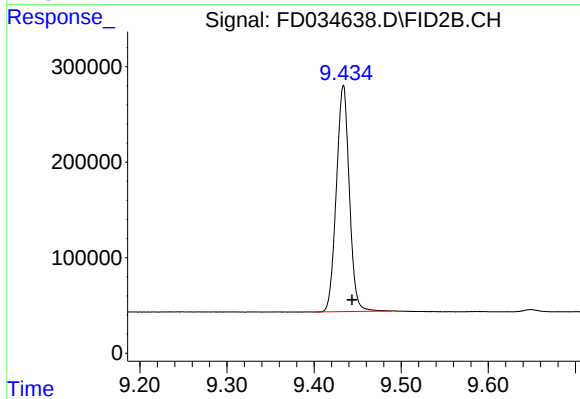
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.554 min
Delta R.T.: -0.008 min
Response: 1539419
Conc: 21.40 ug/ml



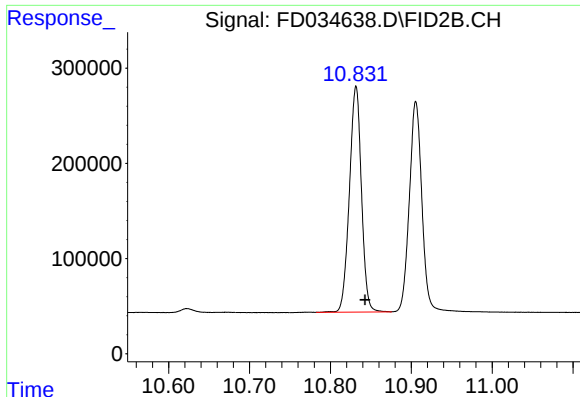
#7 Acenaphthene (C15.5)

R.T.: 8.652 min
Delta R.T.: -0.011 min
Response: 2522901
Conc: 21.20 ug/ml



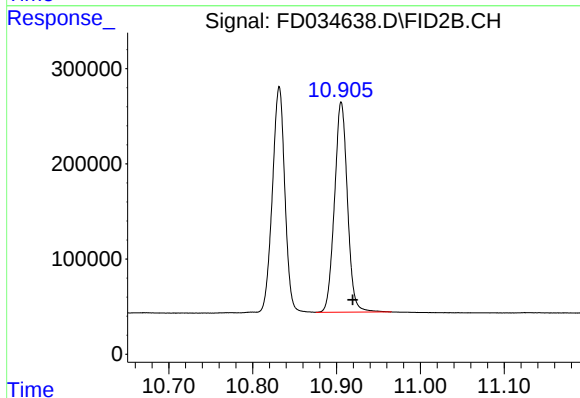
#8 Fluorene (C16.55)

R.T.: 9.434 min
Delta R.T.: -0.010 min
Response: 2449949
Conc: 21.25 ug/ml



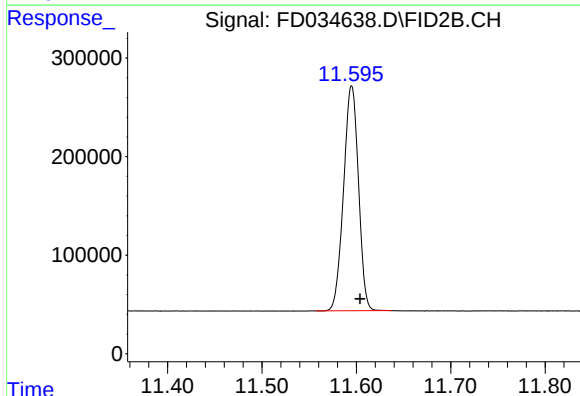
#9 Phenanthrene (C19.36)

R.T.: 10.832 min
Delta R.T.: -0.011 min
Response: 2450450
Conc: 21.02 ug/ml



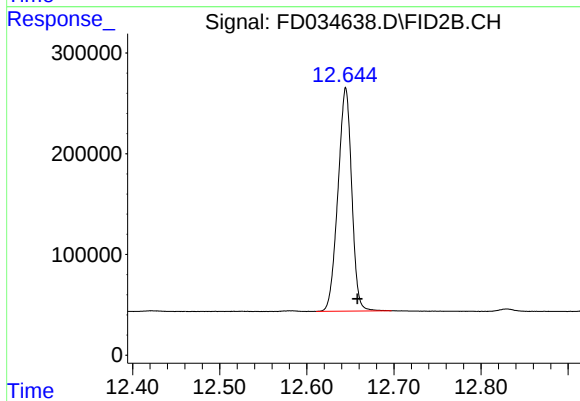
#10 Anthracene (C19.43)

R.T.: 10.906 min
Delta R.T.: -0.014 min
Response: 2373357
Conc: 20.83 ug/ml



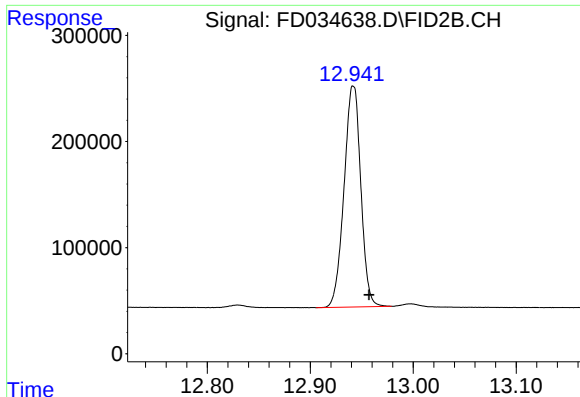
#11 ortho-Terphenyl (SURR)

R.T.: 11.595 min
Delta R.T.: -0.009 min
Response: 2509104
Conc: 20.94 ug/ml



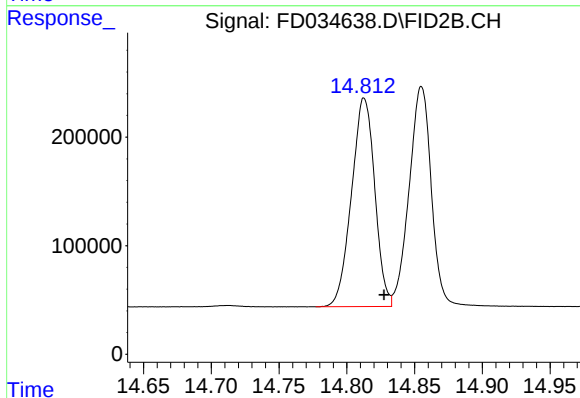
#12 Fluoranthene (C21.85)

R.T.: 12.645 min
Delta R.T.: -0.013 min
Response: 2431814
Conc: 20.85 ug/ml



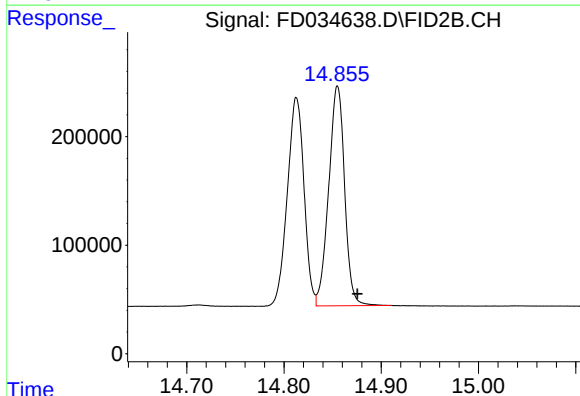
#13 Pyrene (C20.8)

R.T.: 12.942 min
Delta R.T.: -0.015 min
Response: 2357716
Conc: 20.78 ug/ml



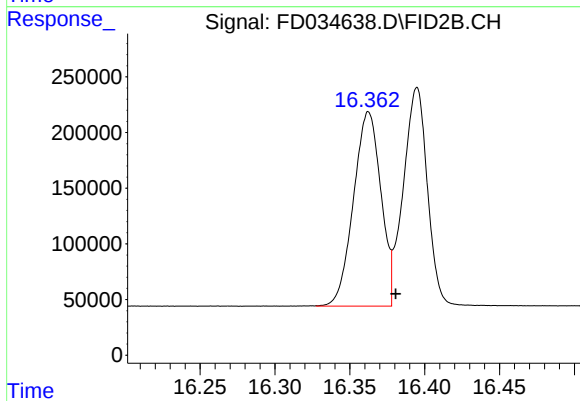
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.813 min
Delta R.T.: -0.015 min
Response: 2293436
Conc: 20.78 ug/ml



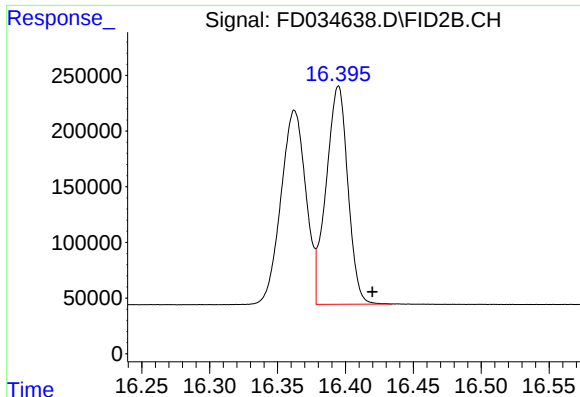
#15 Chrysene (C27.41)

R.T.: 14.855 min
Delta R.T.: -0.020 min
Response: 2305286
Conc: 20.64 ug/ml



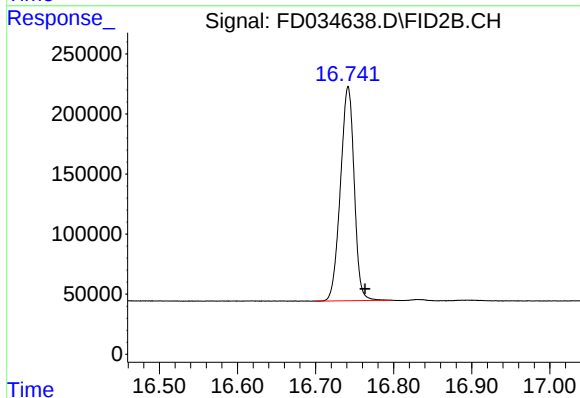
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.362 min
Delta R.T.: -0.019 min
Response: 2239306
Conc: 20.91 ug/ml m



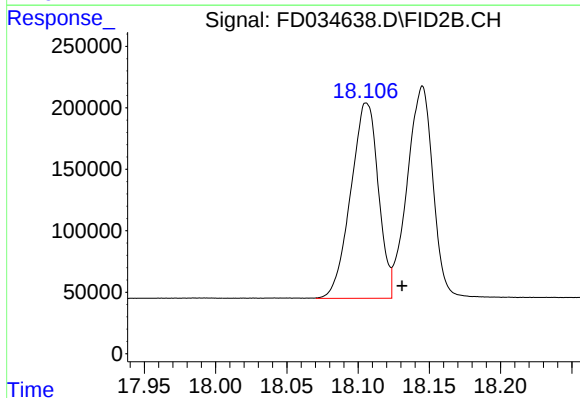
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.395 min
Delta R.T.: -0.025 min
Response: 2182251
Conc: 20.58 ug/ml



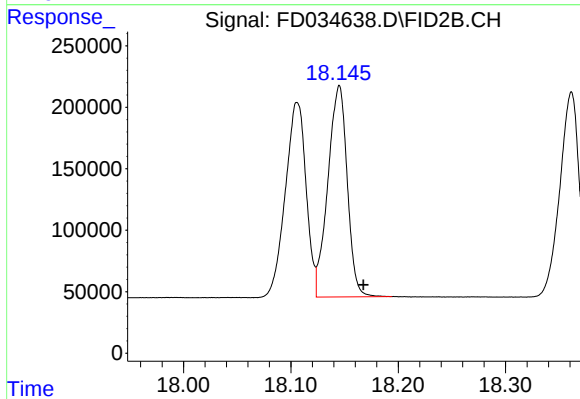
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.742 min
Delta R.T.: -0.022 min
Response: 2184170
Conc: 20.74 ug/ml



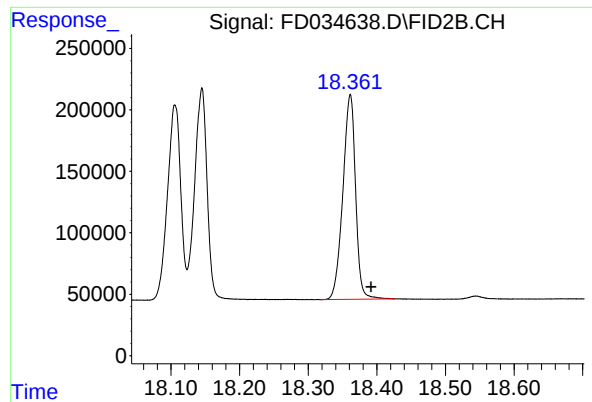
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.106 min
Delta R.T.: -0.025 min
Response: 2141451
Conc: 21.14 ug/ml m



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

R.T.: 18.145 min
Delta R.T.: -0.023 min
Response: 2156052
Conc: 21.22 ug/ml



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

R.T.: 18.361 min
Delta R.T.: -0.030 min
Response: 2141165
Conc: 21.21 ug/ml