

Data Path : P:\HPCHEM1\FID D\Data\FD032218AR\
 Data File : FD022631.D
 Signal(s) : FID2B.CH
 Acq On : 23 Mar 2018 2:45
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 23 03:53:28 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 032018.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 21 07:06:57 2018
 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...	7.321	1884194	21.781 ug/ml
Spiked Amount 50.000		Recovery =	43.56%
6) S 2-Fluorobiphenyl (SURR)	8.182	1217919	23.056 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	46.11%
11) S ortho-Terphenyl (SURR)	11.202	2326023	21.883 ug/ml
Spiked Amount 50.000		Recovery =	43.77%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.130	1986581	20.397 ug/ml
2) T Naphthalene (C11.7)	5.661	2021467	21.768 ug/ml
3) T 2-Methylnaphthalene (...)	6.710	2017349	21.946 ug/ml
5) T Acenaphthylene (C15.06)	7.976	2233201	22.145 ug/ml
7) T Acenaphthene (C15.5)	8.268	2401043	21.849 ug/ml
8) T Fluorene (C16.55)	9.051	2263952	22.479 ug/ml
9) T Phenanthrene (C19.36)	10.444	2355844	22.385 ug/ml
10) T Anthracene (C19.43)	10.521	2380626	22.187 ug/ml
12) T Fluoranthene (C21.85)	12.253	2512133	22.162 ug/ml
13) T Pyrene (C20.8)	12.547	2496059	22.243 ug/ml
14) T Benzo[alanthracene (C...	14.425	2299058	22.262 ug/ml
15) T Chrysene (C27.41)	14.466	2539517	21.872 ug/ml
16) T benzo[blfluoranthene ...	15.982	2305549	22.189 ug/ml
17) T Bnezo[klfluoranthene ...	16.012	2658989	21.937 ug/ml
18) T Benzo[alpyrene (C31.34)	16.365	2341015	21.984 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.745	1462777	21.845 ug/mlm
20) T Dibenz[fa,h]anthracene...	17.773	2709480	22.295 ug/ml
21) T Benzo[fa,h,ilpervlene ...	17.998	1671339	20.268 ug/ml

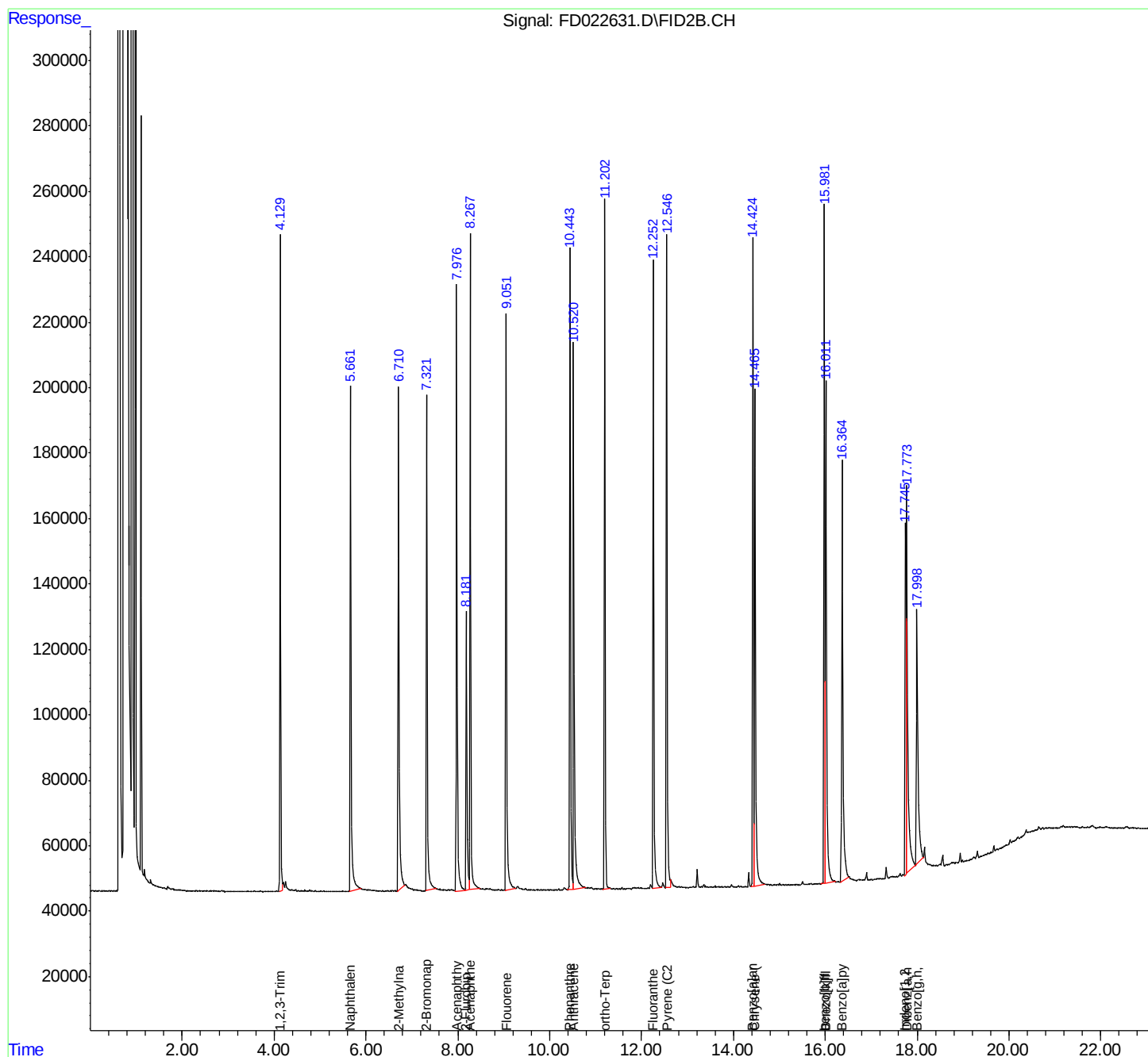
(f)=RT Delta > 1/2 Window

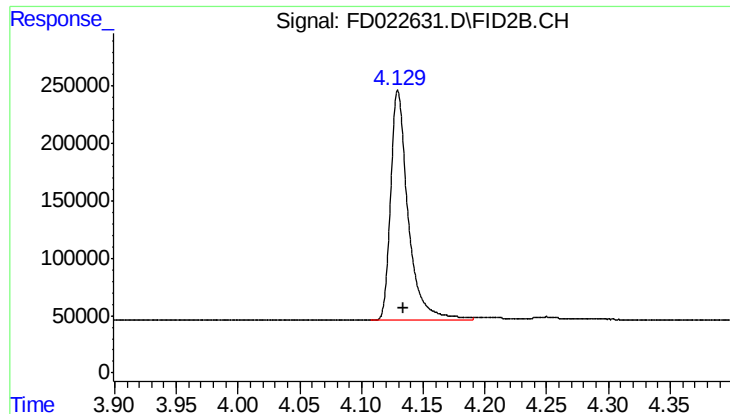
(m)=manual int.

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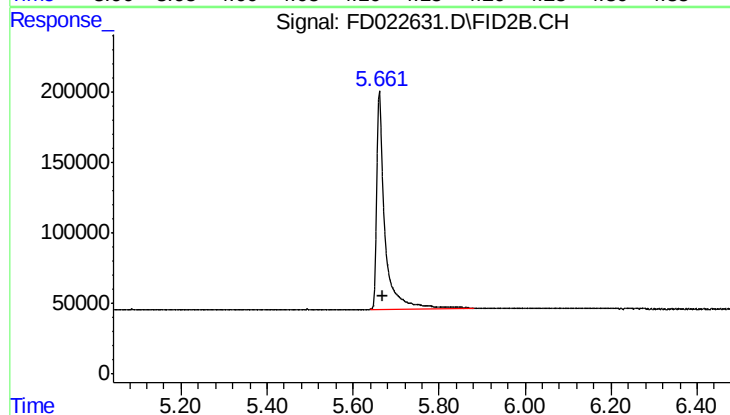
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Signal Info : 20M x 0.18mm x 0.18µm





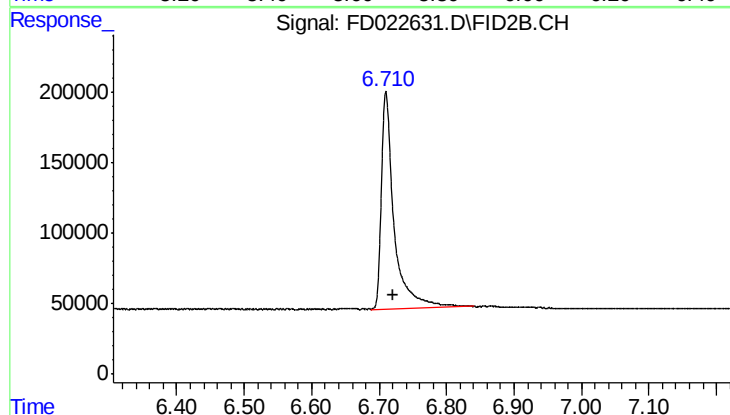
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.130 min
Delta R.T.: -0.005 min
Response: 1986581
Conc: 20.40 ug/ml



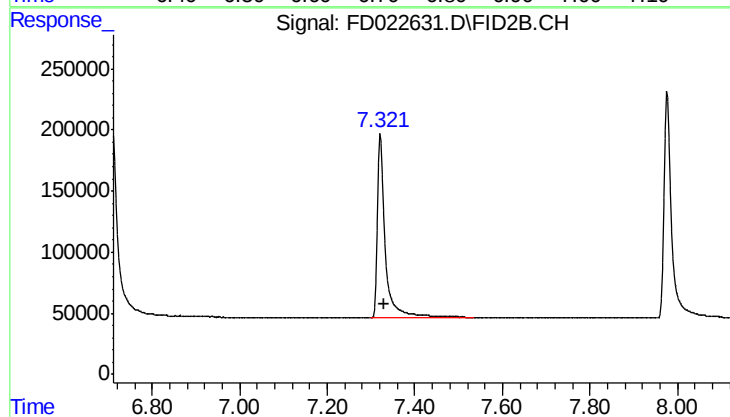
#2 Naphthalene (C11.7)

R.T.: 5.661 min
Delta R.T.: -0.009 min
Response: 2021467
Conc: 21.77 ug/ml



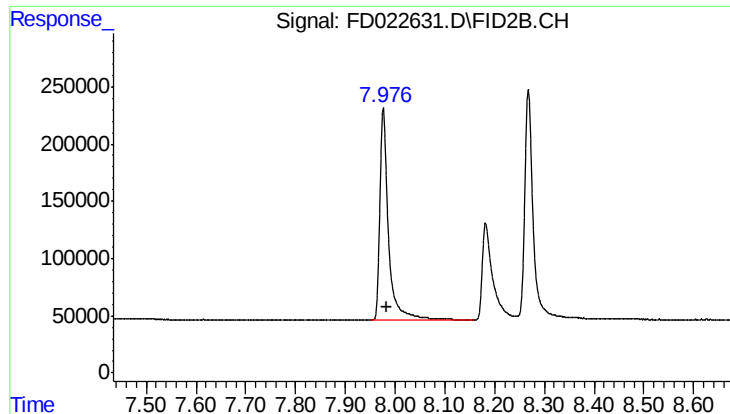
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.710 min
Delta R.T.: -0.010 min
Response: 2017349
Conc: 21.95 ug/ml



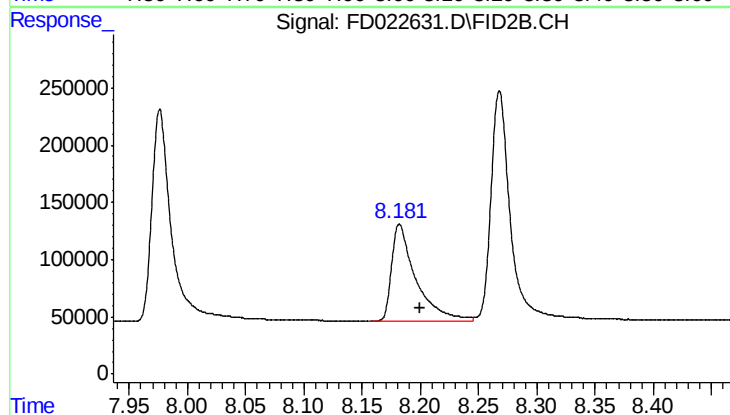
#4 2-Bromonaphthalene (SURR)

R.T.: 7.321 min
Delta R.T.: -0.008 min
Response: 1884194
Conc: 21.78 ug/ml



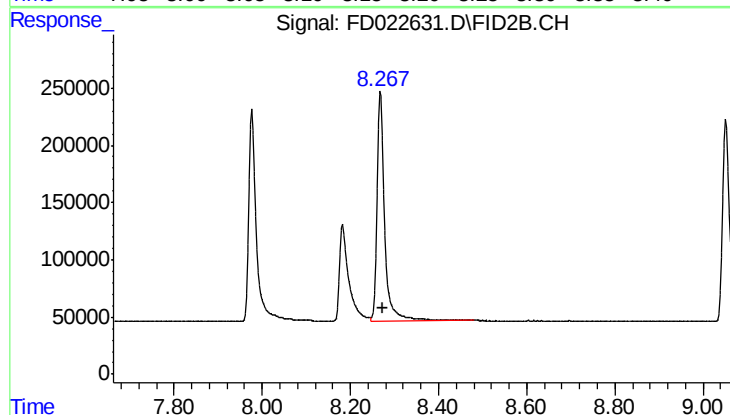
#5 Acenaphthylene (C15.06)

R.T.: 7.976 min
Delta R.T.: -0.006 min
Response: 2233201
Conc: 22.14 ug/ml



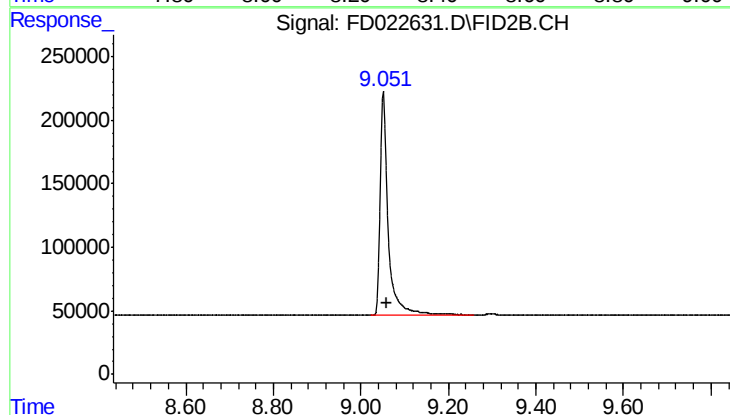
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.182 min
Delta R.T.: -0.017 min
Response: 1217919
Conc: 23.06 ug/ml



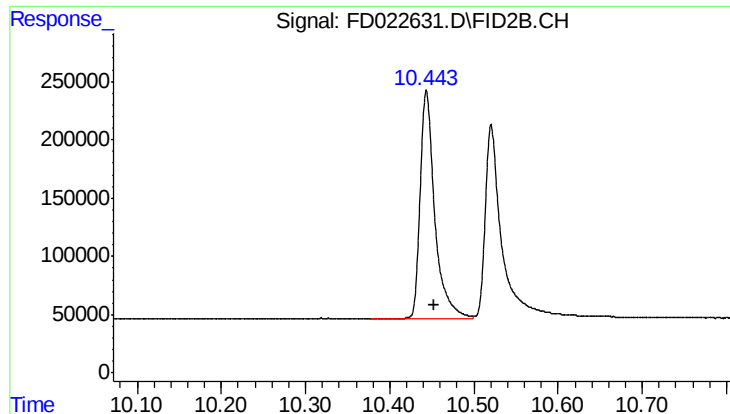
#7 Acenaphthene (C15.5)

R.T.: 8.268 min
Delta R.T.: -0.005 min
Response: 2401043
Conc: 21.85 ug/ml



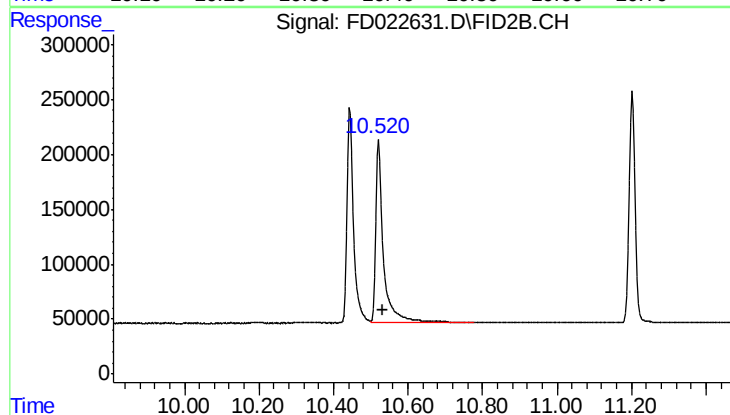
#8 Fluorene (C16.55)

R.T.: 9.051 min
Delta R.T.: -0.008 min
Response: 2263952
Conc: 22.48 ug/ml



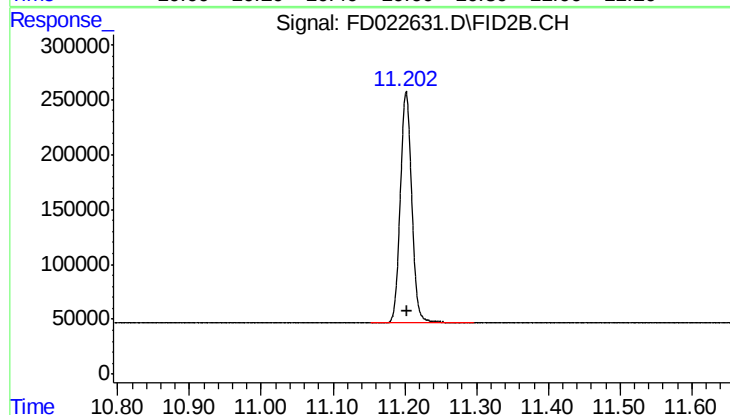
#9 Phenanthrene (C19.36)

R.T.: 10.444 min
Delta R.T.: -0.008 min
Response: 2355844
Conc: 22.38 ug/ml



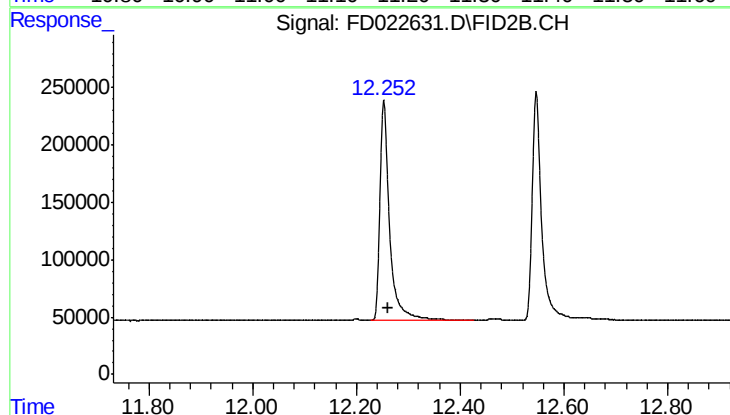
#10 Anthracene (C19.43)

R.T.: 10.521 min
Delta R.T.: -0.011 min
Response: 2380626
Conc: 22.19 ug/ml



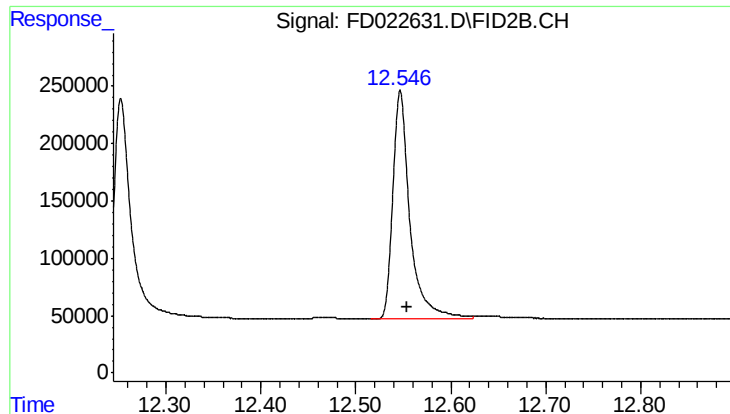
#11 ortho-Terphenyl (SURR)

R.T.: 11.202 min
Delta R.T.: -0.002 min
Response: 2326023
Conc: 21.88 ug/ml



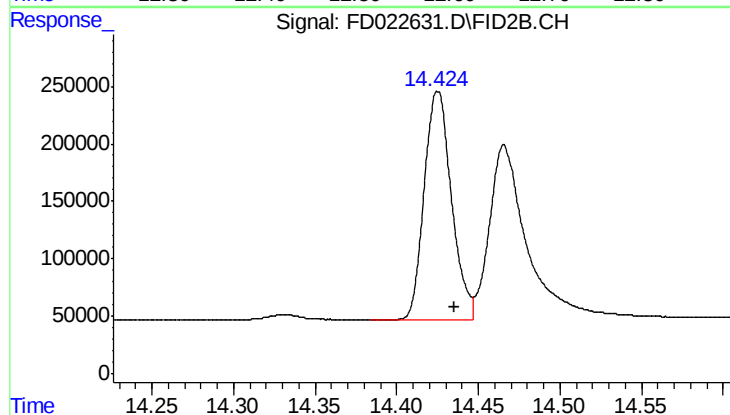
#12 Fluoranthene (C21.85)

R.T.: 12.253 min
Delta R.T.: -0.008 min
Response: 2512133
Conc: 22.16 ug/ml



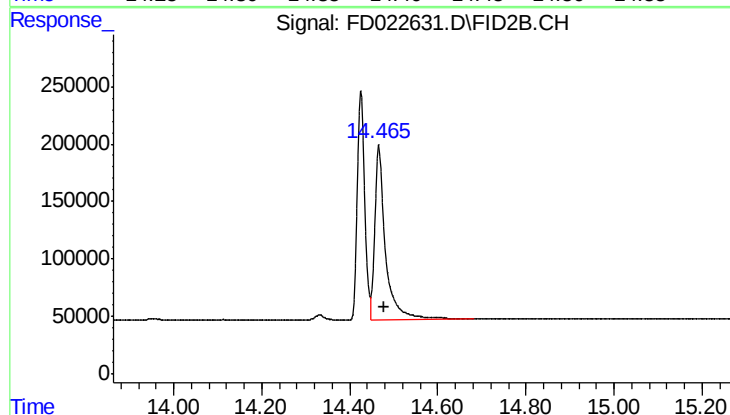
#13 Pyrene (C20.8)

R.T.: 12.547 min
Delta R.T.: -0.007 min
Response: 2496059
Conc: 22.24 ug/ml



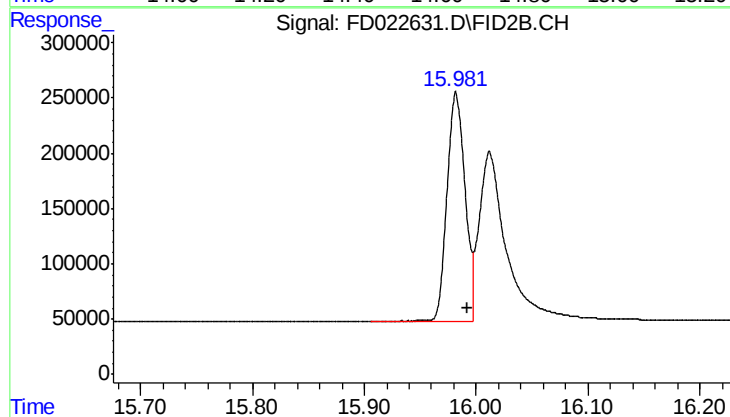
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.425 min
Delta R.T.: -0.010 min
Response: 2299058
Conc: 22.26 ug/ml



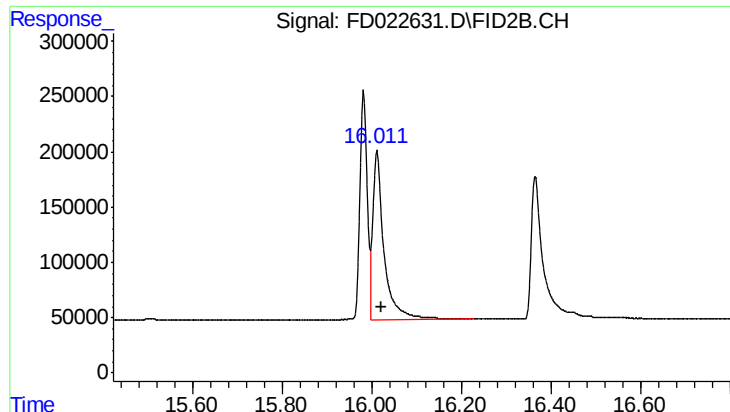
#15 Chrysene (C27.41)

R.T.: 14.466 min
Delta R.T.: -0.011 min
Response: 2539517
Conc: 21.87 ug/ml



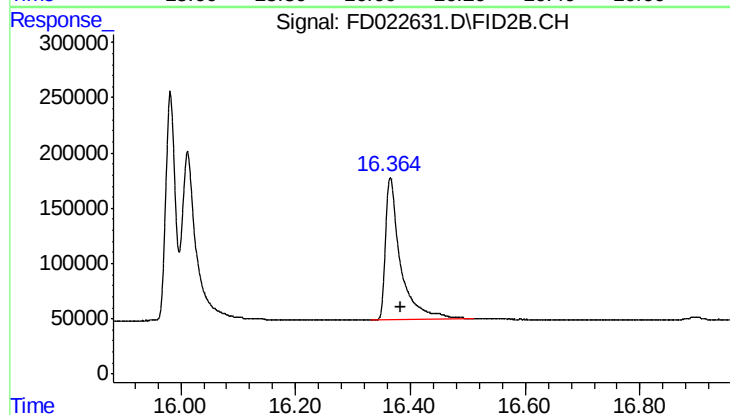
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.982 min
Delta R.T.: -0.010 min
Response: 2305549
Conc: 22.19 ug/ml



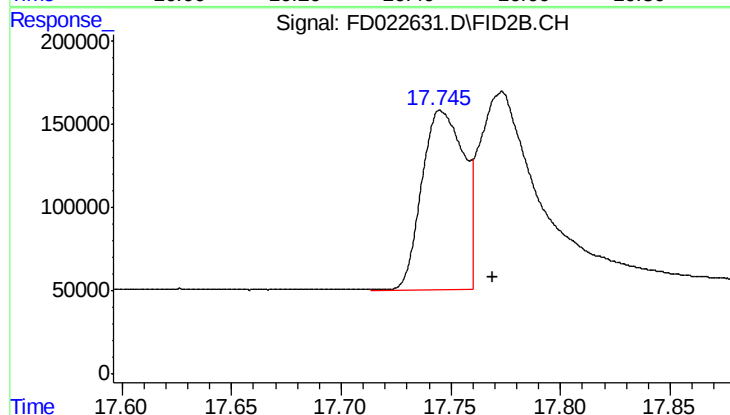
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.012 min
Delta R.T.: -0.011 min
Response: 2658989
Conc: 21.94 ug/ml



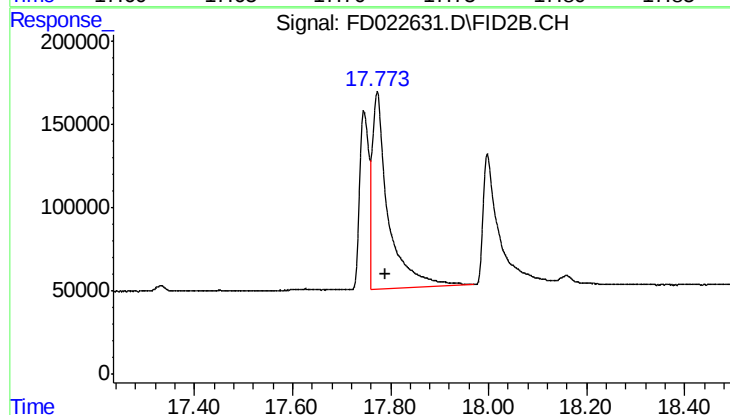
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.365 min
Delta R.T.: -0.017 min
Response: 2341015
Conc: 21.98 ug/ml



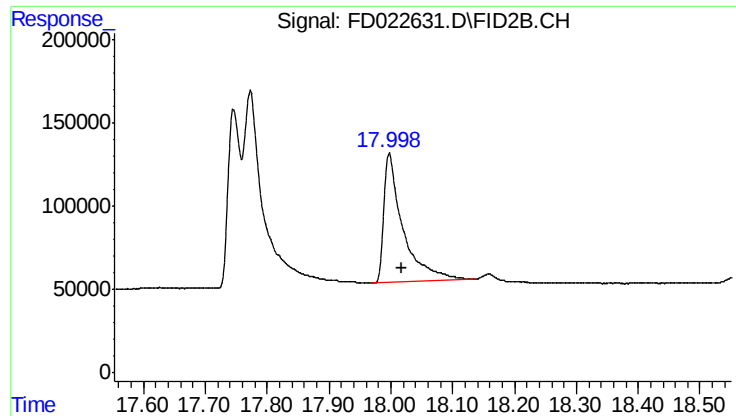
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.745 min
Delta R.T.: -0.024 min
Response: 1462777
Conc: 21.84 ug/ml m



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

R.T.: 17.773 min
Delta R.T.: -0.016 min
Response: 2709480
Conc: 22.30 ug/ml



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

R.T.: 17.998 min
Delta R.T.: -0.021 min
Response: 1671339
Conc: 20.27 ug/ml