

Data Path : P:\HPCHEM1\FID D\Data\FD012618AR\
 Data File : FD019225.D
 Signal(s) : FID2B.CH
 Acq On : 26 Jan 2018 11:06
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 26 15:26:11 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 011818.M
 Quant Title : GC Extractables
 QLast Update : Fri Jan 19 04:27:29 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...	7.367	1612357	19.927 ug/ml
Spiked Amount 50.000		Recovery =	39.85%
6) S 2-Fluorobiphenyl (SURR)	8.226	1074565	19.646 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.29%
11) S ortho-Terphenyl (SURR)	11.251	1985181	20.066 ug/ml
Spiked Amount 50.000		Recovery =	40.13%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.172	1696533	19.164 ug/mlm
2) T Naphthalene (C11.7)	5.705	1732927	19.403 ug/ml
3) T 2-Methylnaphthalene (...)	6.755	1769695	19.276 ug/ml
5) T Acenaphthylene (C15.06)	8.023	1884994	19.880 ug/ml
7) T Acenaphthene (C15.5)	8.315	1965572	20.149 ug/ml
8) T Fluorene (C16.55)	9.097	1914781	20.149 ug/ml
9) T Phenanthrene (C19.36)	10.489	2023890	20.358 ug/ml
10) T Anthracene (C19.43)	10.565	1999038	20.557 ug/ml
12) T Fluoranthene (C21.85)	12.296	2149479	20.276 ug/ml
13) T Pyrene (C20.8)	12.590	2107898	19.899 ug/ml
14) T Benzo[alanthracene (C...	14.465	2047194	19.560 ug/ml
15) T Chrysene (C27.41)	14.507	2201398	20.369 ug/ml
16) T benzo[blfluoranthene ...	16.050	2286208	21.249 ug/ml
17) T Bnezo[klfluoranthene ...	16.050	2286208	20.184 ug/ml
18) T Benzo[alpyrene (C31.34)	16.400	2020045	18.532 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.805	2215520	22.395 ug/ml
20) T Dibenz[fa,h]anthracene...	17.805	2215520	19.330 ug/ml
21) T Benzo[ga,h,i]pervlene ...	18.021	1728571	16.564 ug/ml

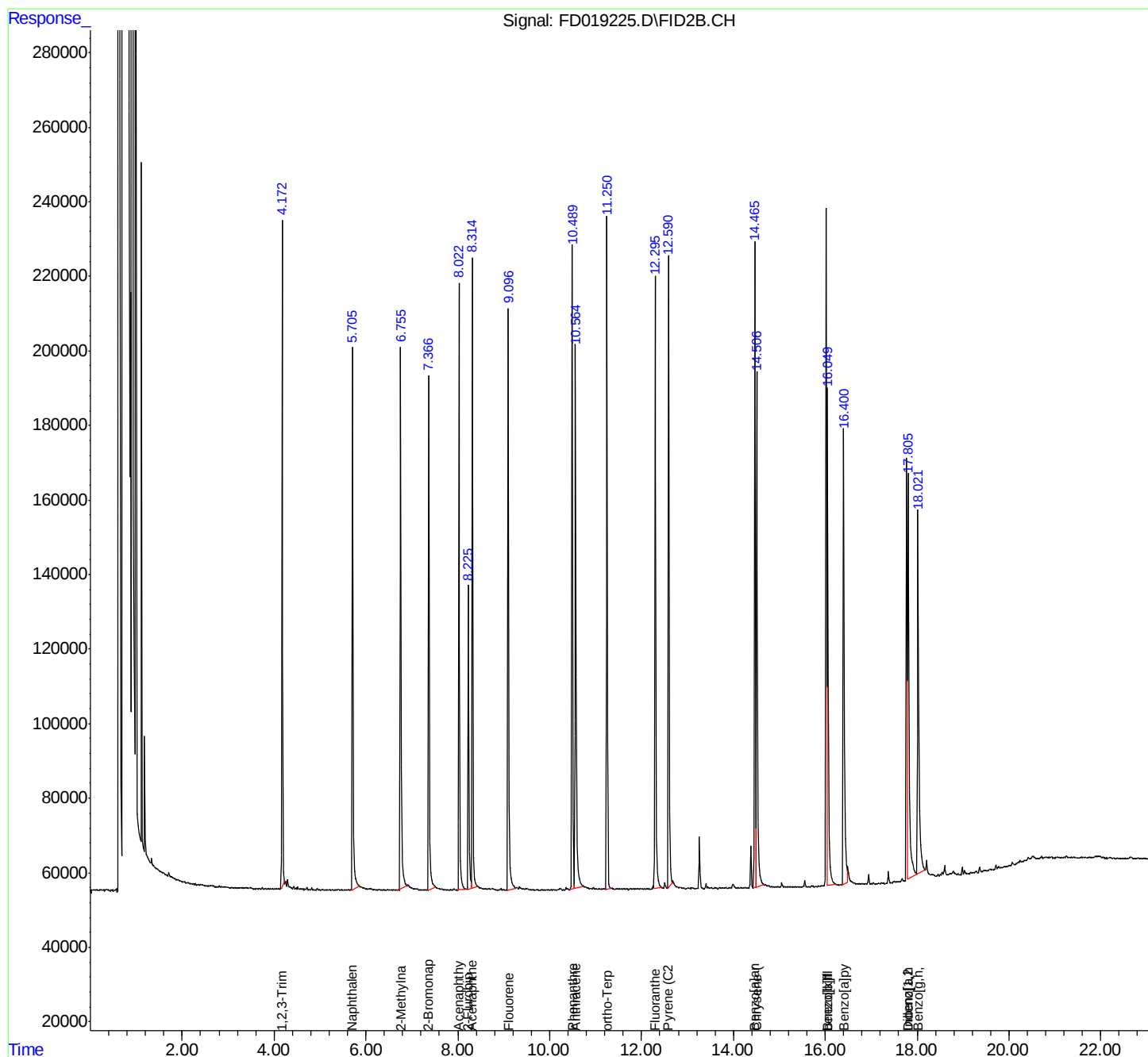
(f)=RT Delta > 1/2 Window

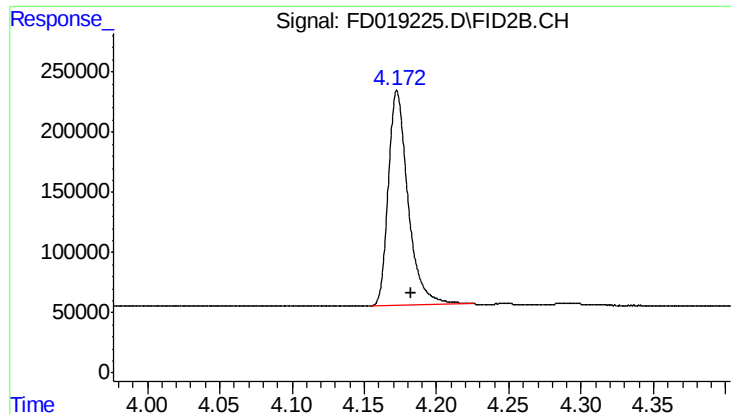
(m)=manual int.

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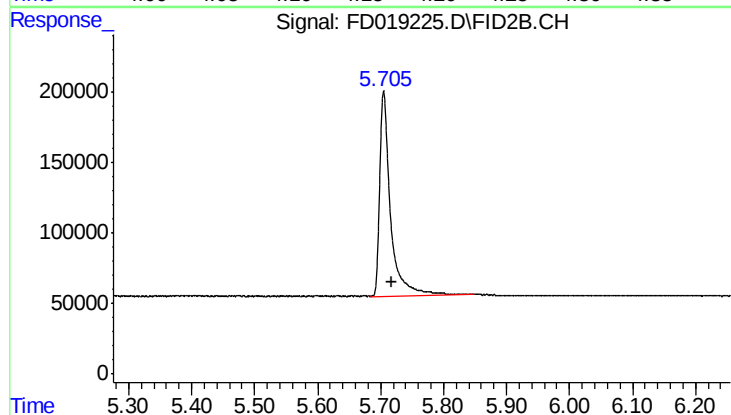
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





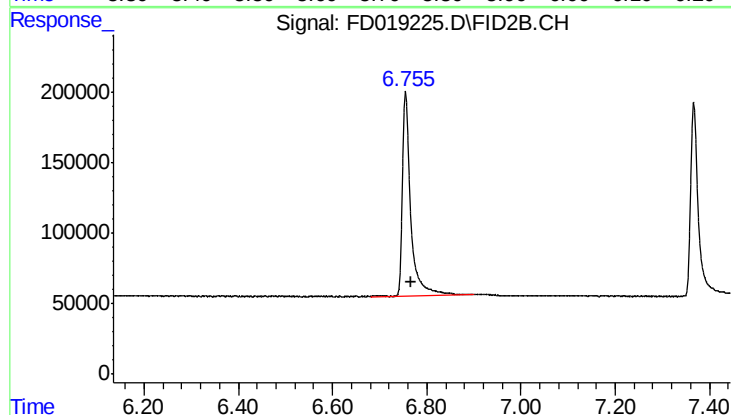
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.172 min
Delta R.T.: -0.010 min
Response: 1696533
Conc: 19.16 ug/ml m



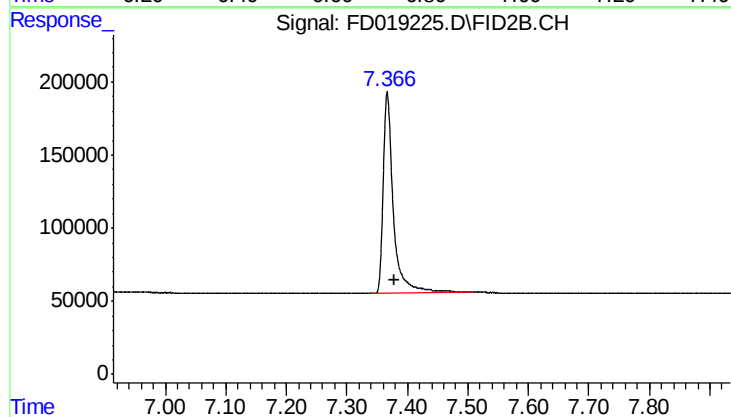
#2 Naphthalene (C11.7)

R.T.: 5.705 min
Delta R.T.: -0.012 min
Response: 1732927
Conc: 19.40 ug/ml



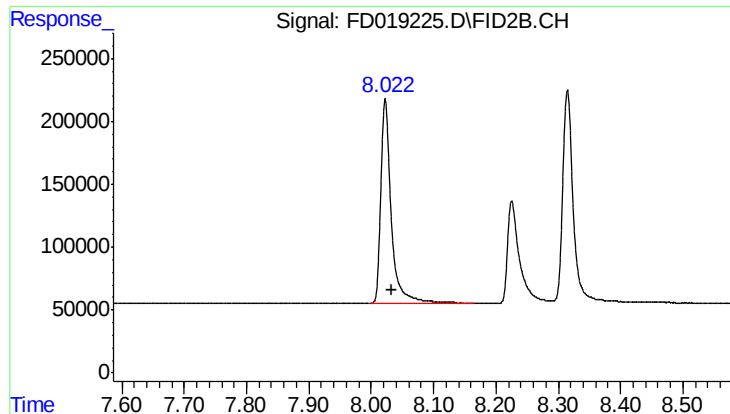
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.755 min
Delta R.T.: -0.011 min
Response: 1769695
Conc: 19.28 ug/ml



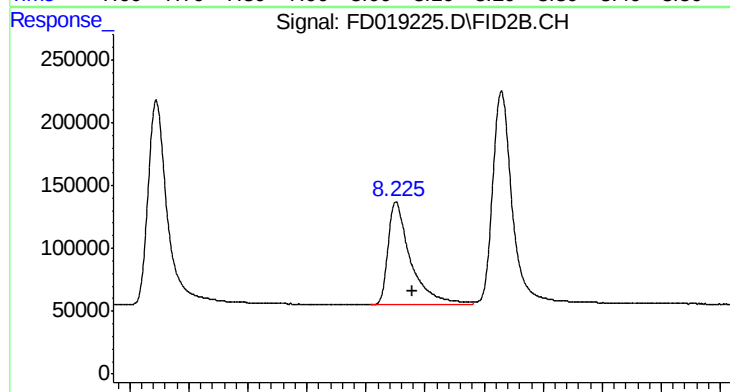
#4 2-Bromonaphthalene (SURR)

R.T.: 7.367 min
Delta R.T.: -0.011 min
Response: 1612357
Conc: 19.93 ug/ml



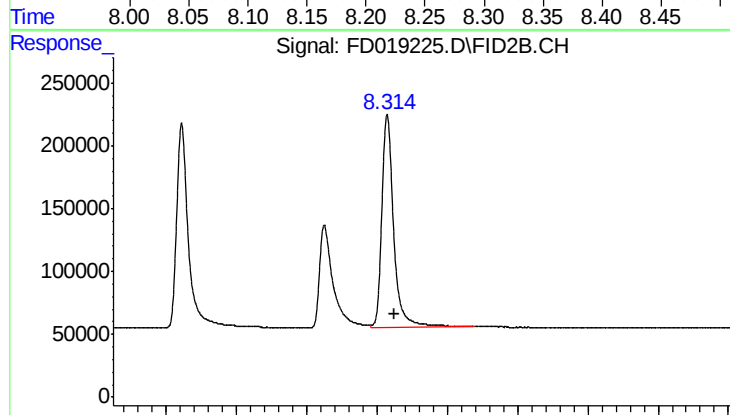
#5 Acenaphthylene (C15.06)

R.T.: 8.023 min
Delta R.T.: -0.011 min
Response: 1884994
Conc: 19.88 ug/ml



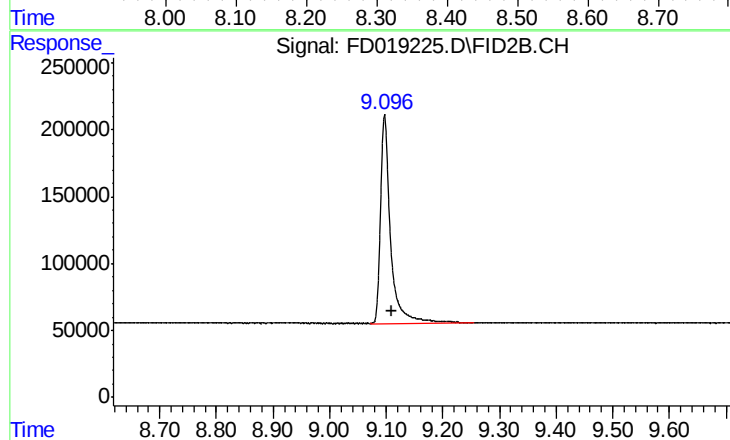
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.226 min
Delta R.T.: -0.014 min
Response: 1074565
Conc: 19.65 ug/ml



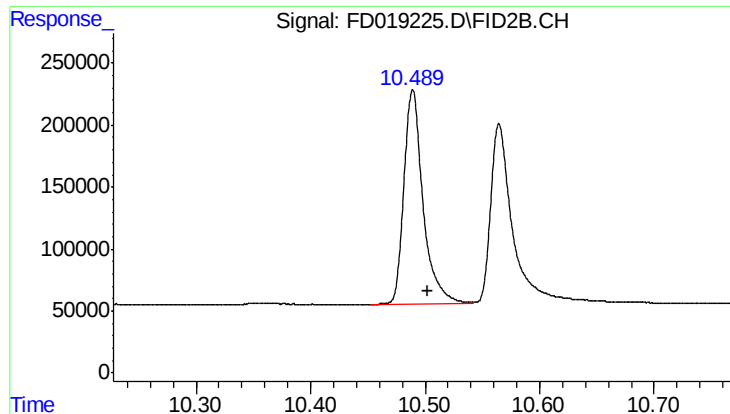
#7 Acenaphthene (C15.5)

R.T.: 8.315 min
Delta R.T.: -0.011 min
Response: 1965572
Conc: 20.15 ug/ml



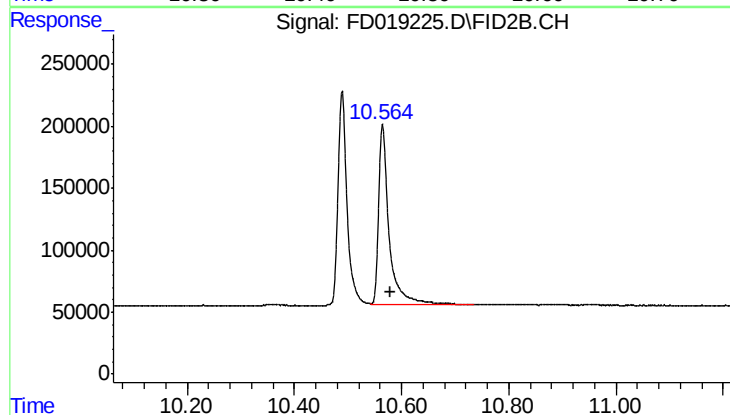
#8 Fluorene (C16.55)

R.T.: 9.097 min
Delta R.T.: -0.012 min
Response: 1914781
Conc: 20.15 ug/ml



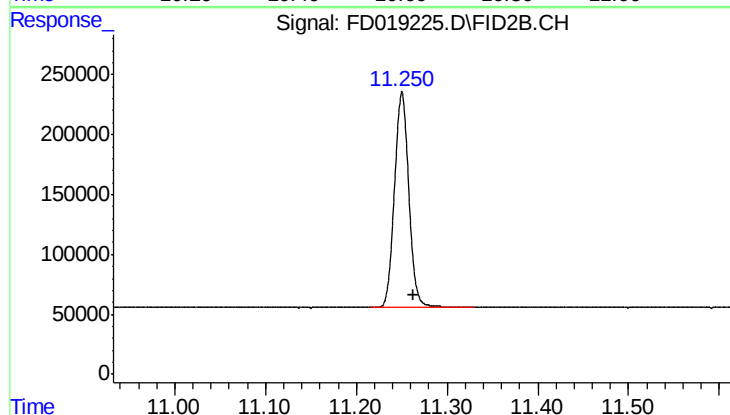
#9 Phenanthrene (C19.36)

R.T.: 10.489 min
Delta R.T.: -0.013 min
Response: 2023890
Conc: 20.36 ug/ml



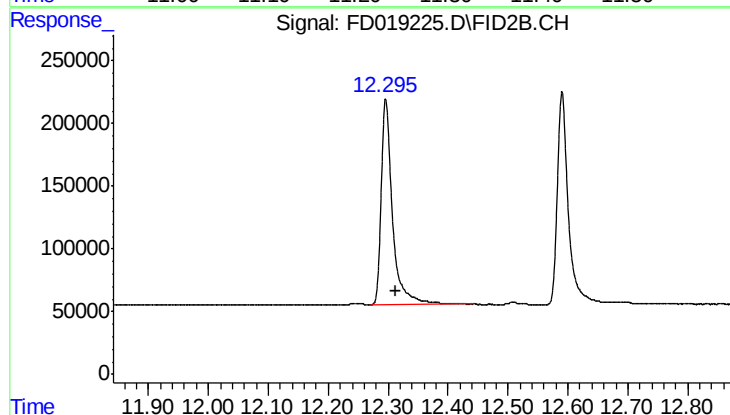
#10 Anthracene (C19.43)

R.T.: 10.565 min
Delta R.T.: -0.016 min
Response: 1999038
Conc: 20.56 ug/ml



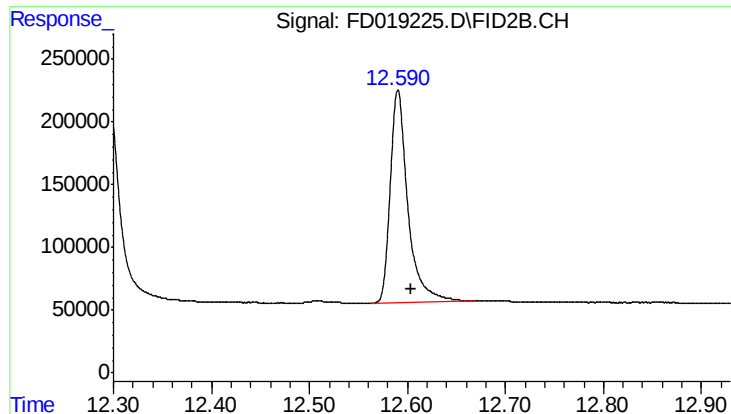
#11 ortho-Terphenyl (SURR)

R.T.: 11.251 min
Delta R.T.: -0.013 min
Response: 1985181
Conc: 20.07 ug/ml



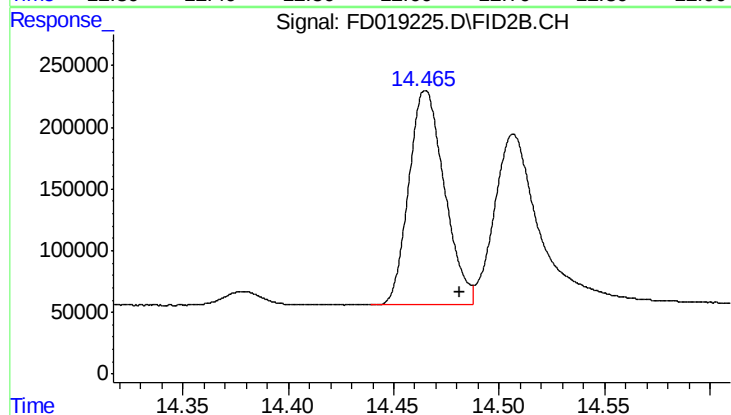
#12 Fluoranthene (C21.85)

R.T.: 12.296 min
Delta R.T.: -0.016 min
Response: 2149479
Conc: 20.28 ug/ml



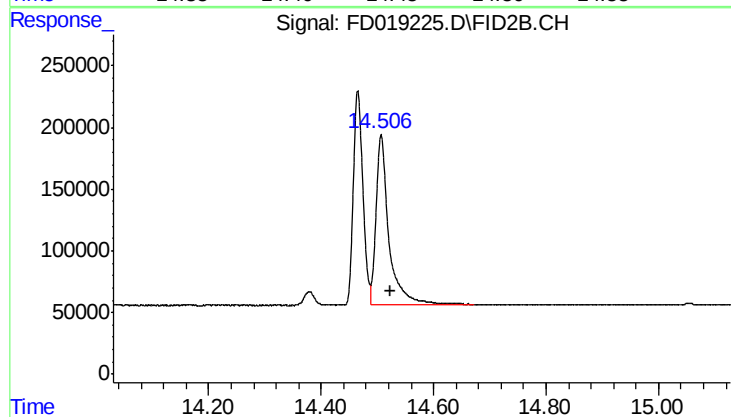
#13 Pyrene (C20.8)

R.T.: 12.590 min
Delta R.T.: -0.014 min
Response: 2107898
Conc: 19.90 ug/ml



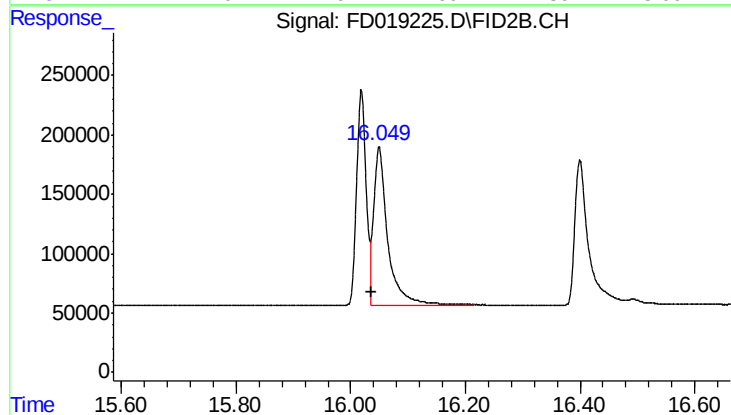
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.465 min
Delta R.T.: -0.016 min
Response: 2047194
Conc: 19.56 ug/ml



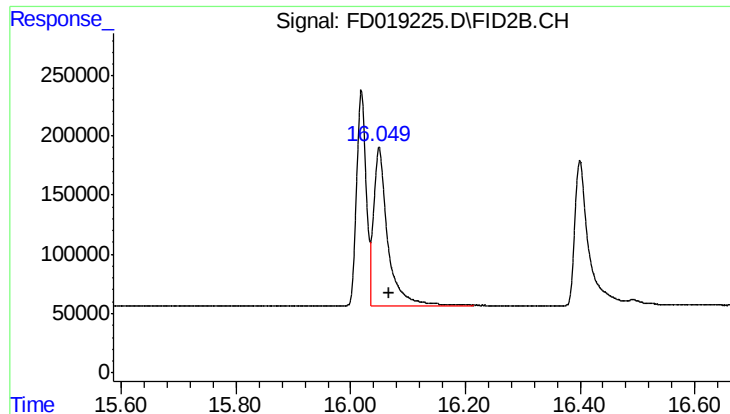
#15 Chrysene (C27.41)

R.T.: 14.507 min
Delta R.T.: -0.017 min
Response: 2201398
Conc: 20.37 ug/ml



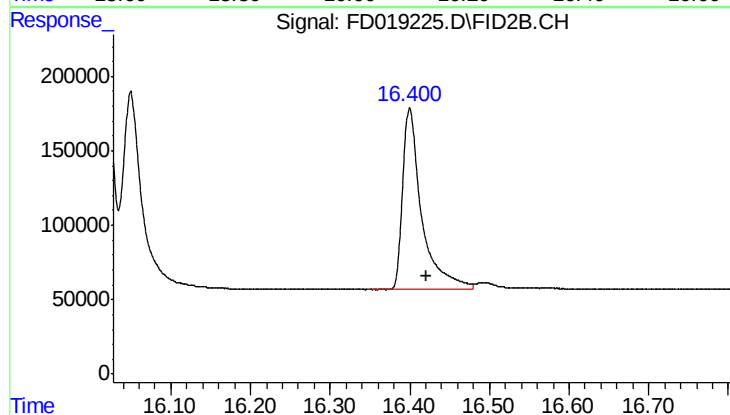
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.050 min
Delta R.T.: 0.013 min
Response: 2286208
Conc: 21.25 ug/ml



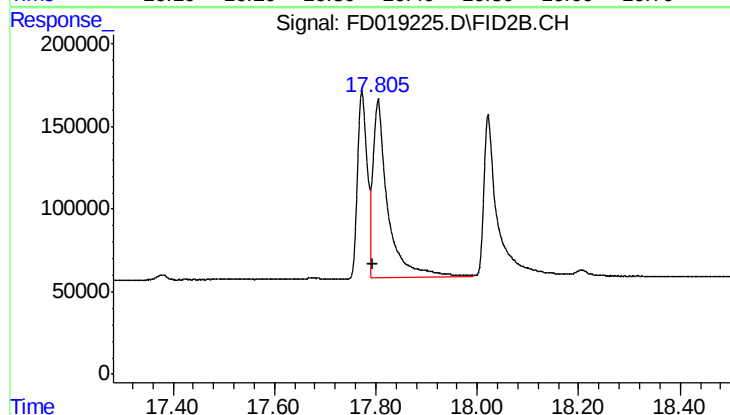
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.050 min
Delta R.T.: -0.018 min
Response: 2286208
Conc: 20.18 ug/ml



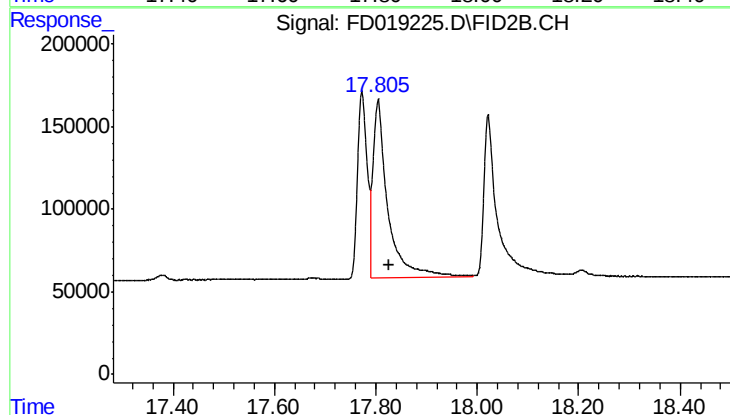
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.400 min
Delta R.T.: -0.021 min
Response: 2020045
Conc: 18.53 ug/ml



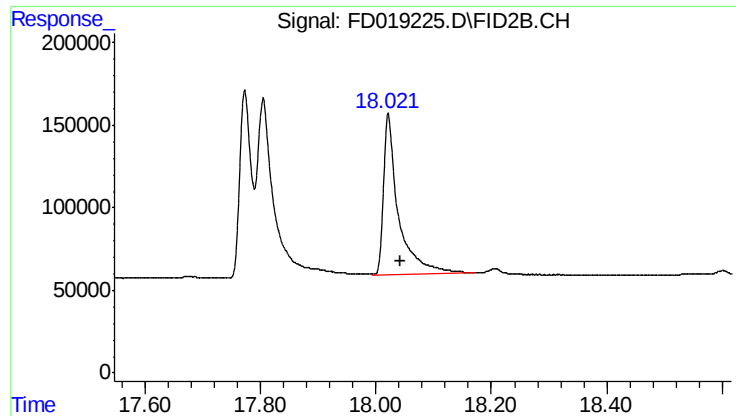
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.805 min
Delta R.T.: 0.012 min
Response: 2215520
Conc: 22.40 ug/ml



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

R.T.: 17.805 min
Delta R.T.: -0.021 min
Response: 2215520
Conc: 19.33 ug/ml



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

R.T.: 18.021 min
Delta R.T.: -0.022 min
Response: 1728571
Conc: 16.56 ug/ml