

Data Path : P:\HPCHEM1\FID D\Data\FD020618AR\
 Data File : FD019877.D
 Signal(s) : FID2B.CH
 Acq On : 06 Feb 2018 21:48
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Feb 07 04:42:53 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...	7.361	1790346	22.127 ug/ml
Spiked Amount 50.000		Recovery =	44.25%
6) S 2-Fluorobiphenyl (SURR)	8.223	1194537	21.839 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.68%
11) S ortho-Terphenyl (SURR)	11.243	2139611	21.627 ug/ml
Spiked Amount 50.000		Recovery =	43.25%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.167	1902050	21.486 ug/ml
2) T Naphthalene (C11.7)	5.700	1942746	21.752 ug/ml
3) T 2-Methylnaphthalene (...)	6.750	2031494	22.128 ug/ml
5) T Acenaphthylene (C15.06)	8.017	2164897	22.831 ug/ml
7) T Acenaphthene (C15.5)	8.309	2254967	23.116 ug/ml
8) T Fluorene (C16.55)	9.092	2120564	22.315 ug/ml
9) T Phenanthrene (C19.36)	10.484	2159377	21.721 ug/ml
10) T Anthracene (C19.43)	10.562	2063774	21.222 ug/ml
12) T Fluoranthene (C21.85)	12.293	2121053	20.008 ug/ml
13) T Pyrene (C20.8)	12.587	2023179	19.100 ug/ml
14) T Benzo[<i>a</i>]anthracene (C...	14.463	1846444	17.642 ug/ml
15) T Chrysene (C27.41)	14.504	2018793	18.679 ug/ml
16) T benzo[<i>b</i>]fluoranthene ...	16.015	2061808	19.164 ug/mlm
17) T Bnezo[<i>k</i>]fluoranthene ...	16.046	2327195	20.546 ug/ml
18) T Benzo[<i>a</i>]pyrene (C31.34)	16.398	2114451	19.398 ug/ml
19) T Indeno[1,2,3- <i>cd</i>]pyren...	17.770	2068458	20.909 ug/mlm
20) T Dibenz[<i>a,h</i>]anthracene...	17.802	2353378	20.533 ug/ml
21) T Benzo[<i>a,h,i</i>]pervlene ...	18.020	2122219	20.336 ug/ml

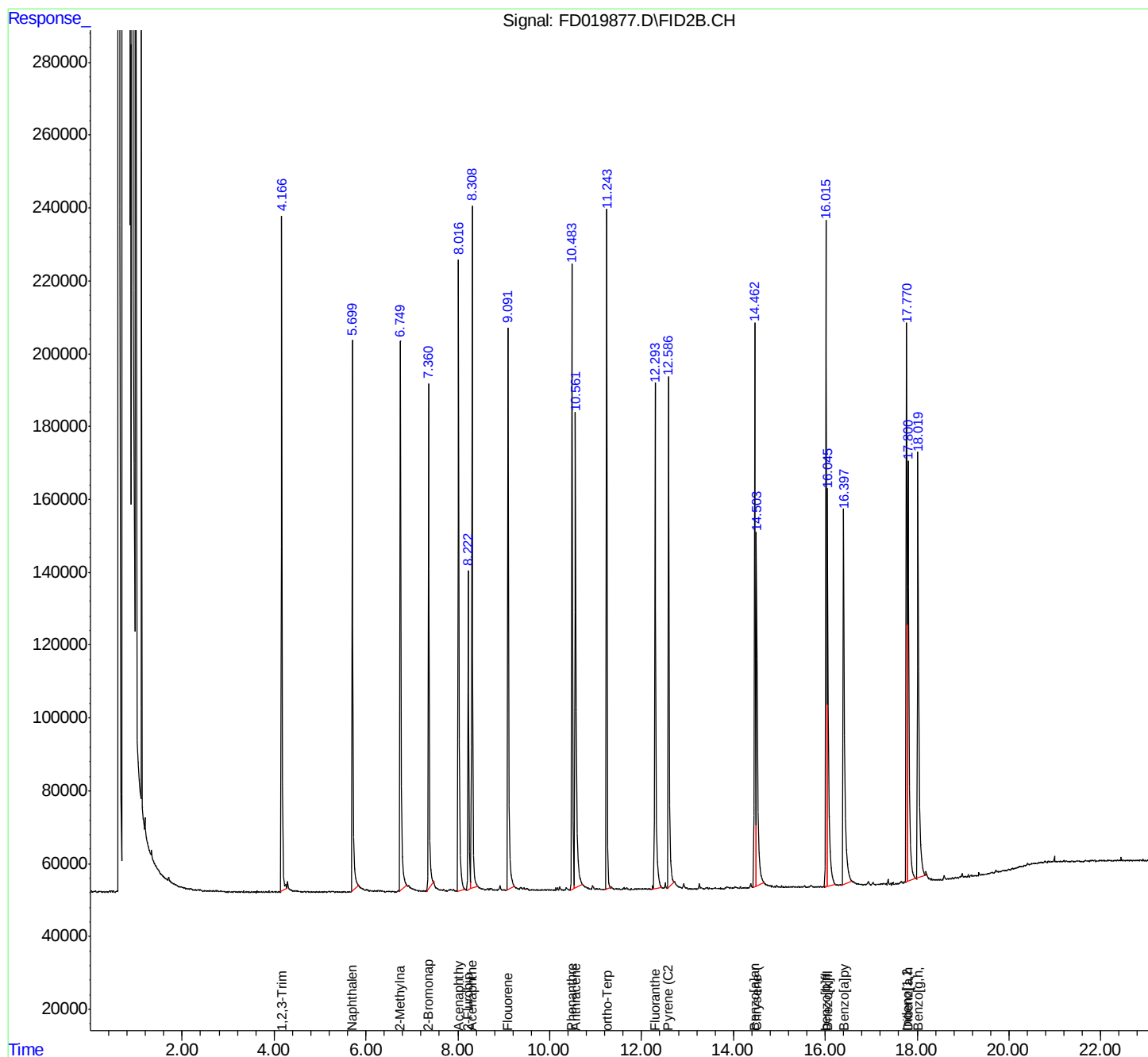
(f)=RT Delta > 1/2 Window

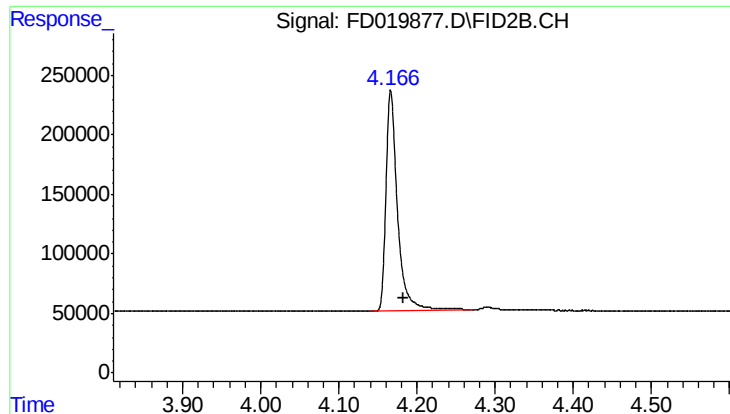
(m)=manual int.

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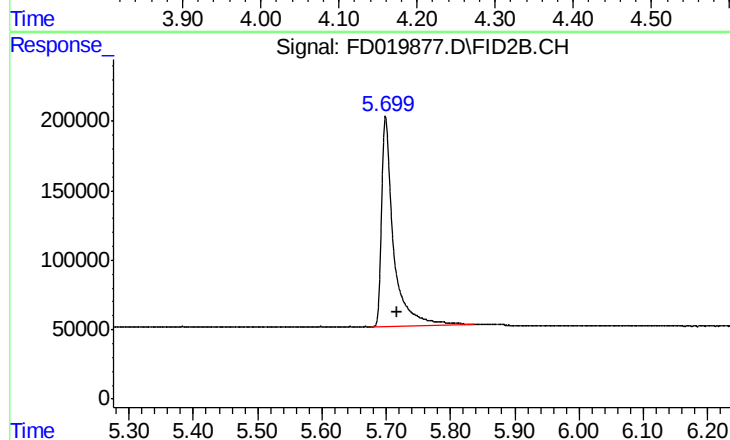
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





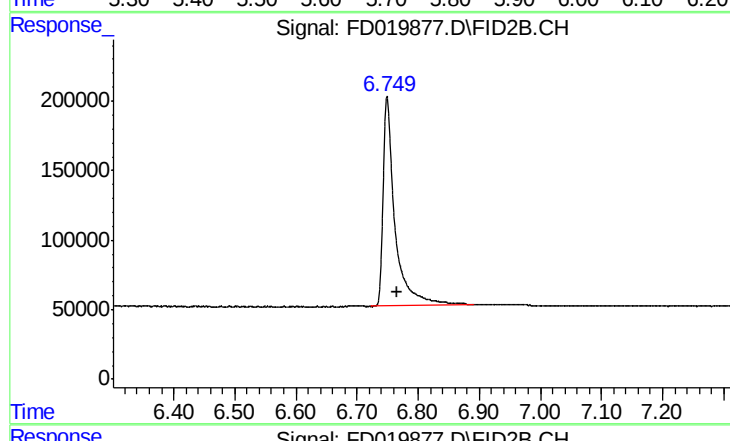
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.167 min
Delta R.T.: -0.016 min
Response: 1902050
Conc: 21.49 ug/ml



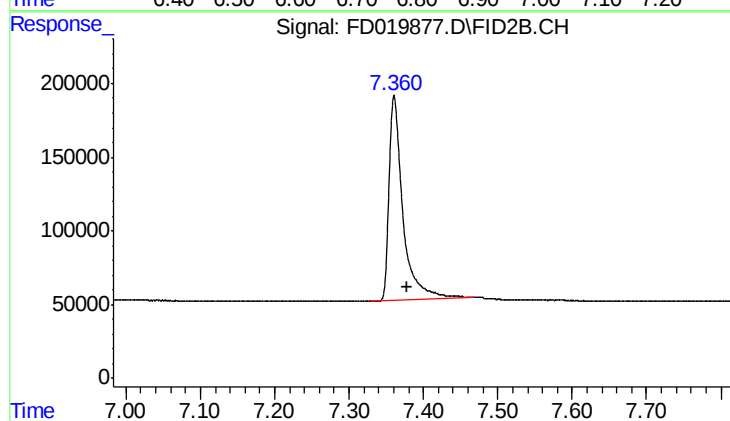
#2 Naphthalene (C11.7)

R.T.: 5.700 min
Delta R.T.: -0.017 min
Response: 1942746
Conc: 21.75 ug/ml



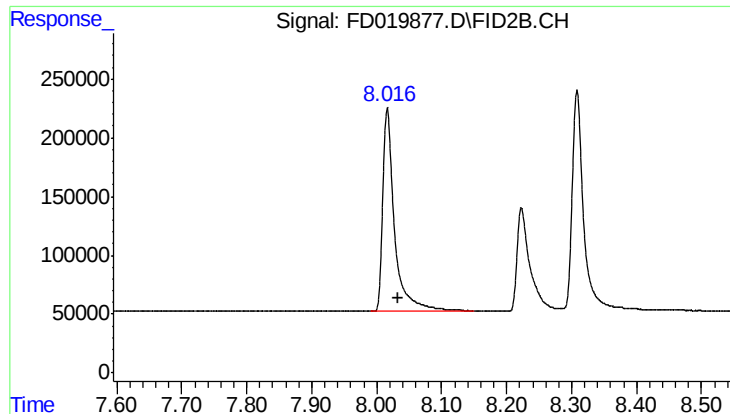
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.750 min
Delta R.T.: -0.017 min
Response: 2031494
Conc: 22.13 ug/ml



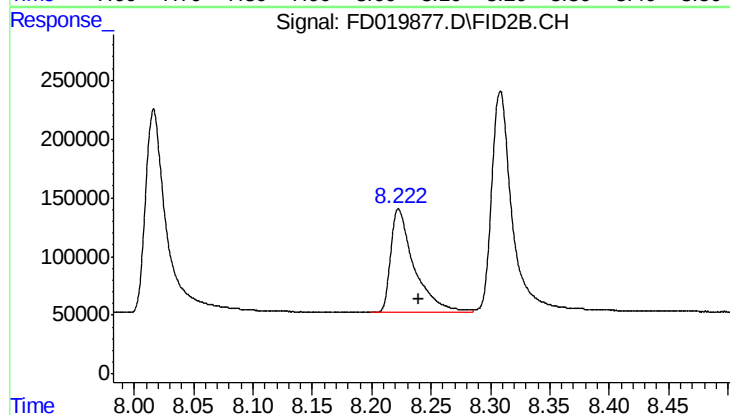
#4 2-Bromonaphthalene (SURR)

R.T.: 7.361 min
Delta R.T.: -0.017 min
Response: 1790346
Conc: 22.13 ug/ml



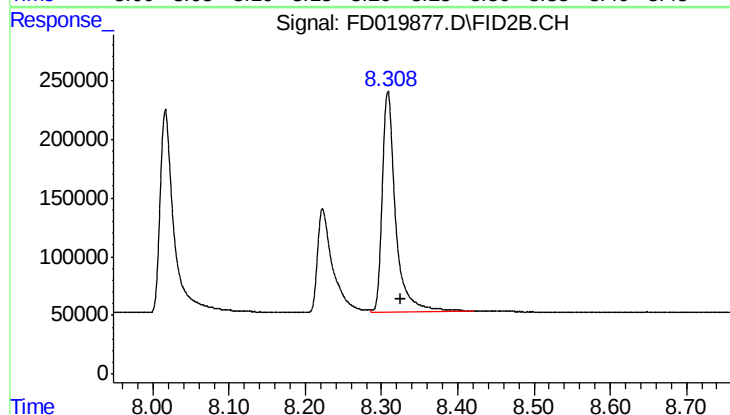
#5 Acenaphthylene (C15.06)

R.T.: 8.017 min
Delta R.T.: -0.017 min
Response: 2164897
Conc: 22.83 ug/ml



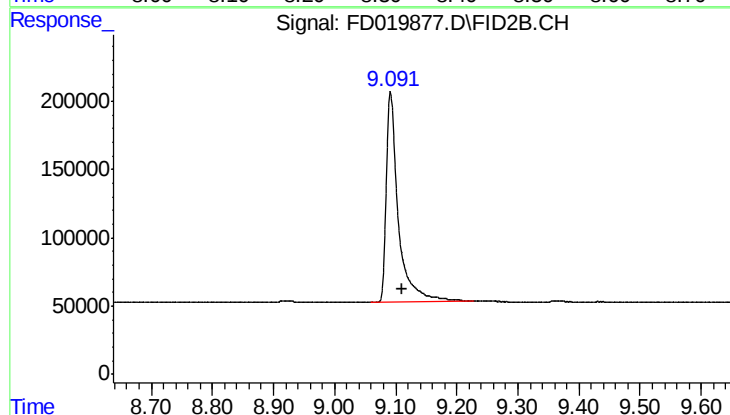
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.223 min
Delta R.T.: -0.016 min
Response: 1194537
Conc: 21.84 ug/ml



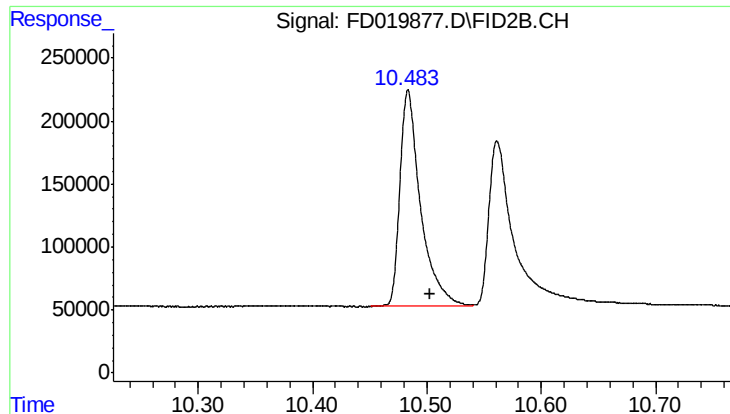
#7 Acenaphthene (C15.5)

R.T.: 8.309 min
Delta R.T.: -0.017 min
Response: 2254967
Conc: 23.12 ug/ml



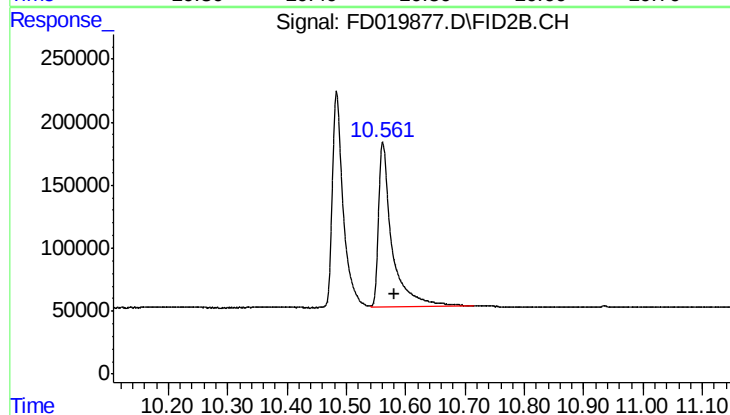
#8 Fluorene (C16.55)

R.T.: 9.092 min
Delta R.T.: -0.017 min
Response: 2120564
Conc: 22.31 ug/ml



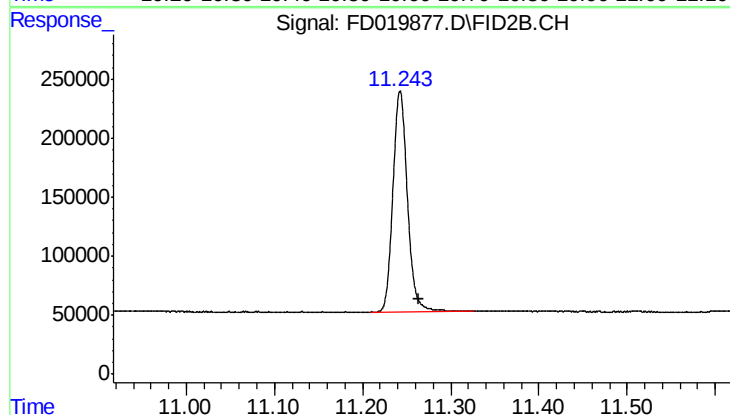
#9 Phenanthrene (C19.36)

R.T.: 10.484 min
Delta R.T.: -0.019 min
Response: 2159377
Conc: 21.72 ug/ml



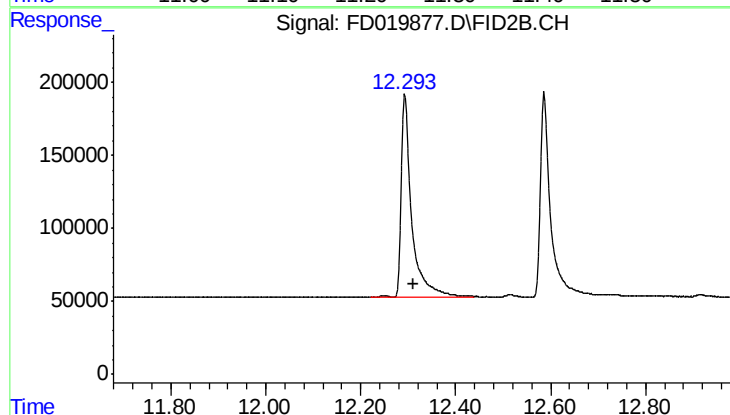
#10 Anthracene (C19.43)

R.T.: 10.562 min
Delta R.T.: -0.018 min
Response: 2063774
Conc: 21.22 ug/ml



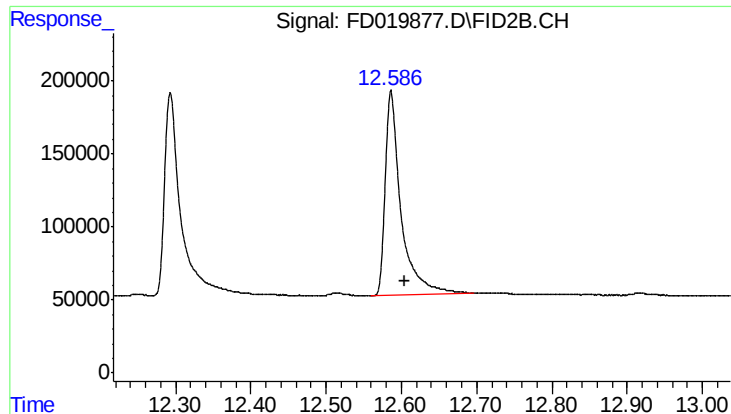
#11 ortho-Terphenyl (SURR)

R.T.: 11.243 min
Delta R.T.: -0.020 min
Response: 2139611
Conc: 21.63 ug/ml



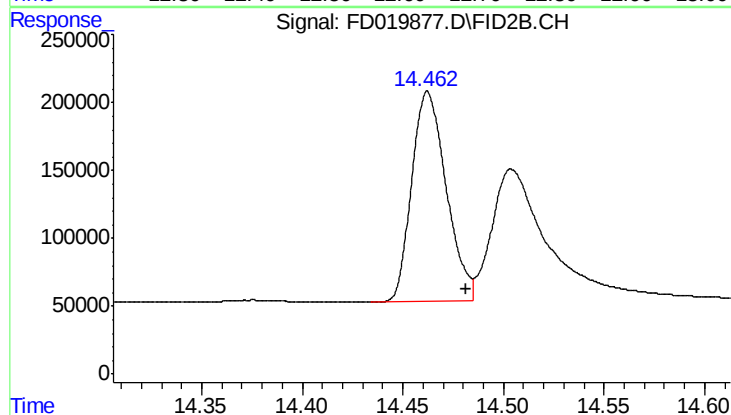
#12 Fluoranthene (C21.85)

R.T.: 12.293 min
Delta R.T.: -0.019 min
Response: 2121053
Conc: 20.01 ug/ml



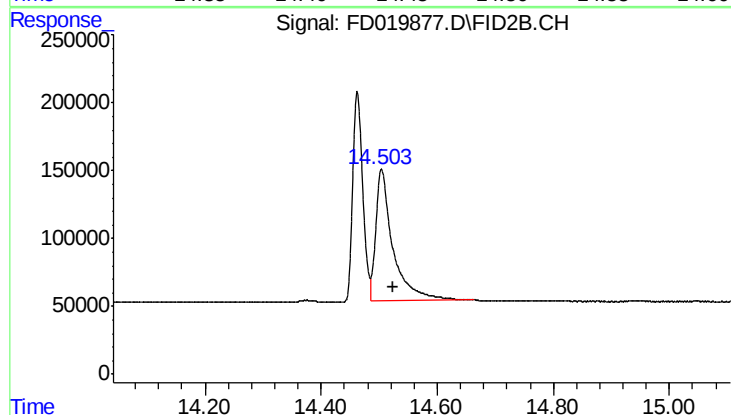
#13 Pyrene (C20.8)

R.T.: 12.587 min
Delta R.T.: -0.017 min
Response: 2023179
Conc: 19.10 ug/ml



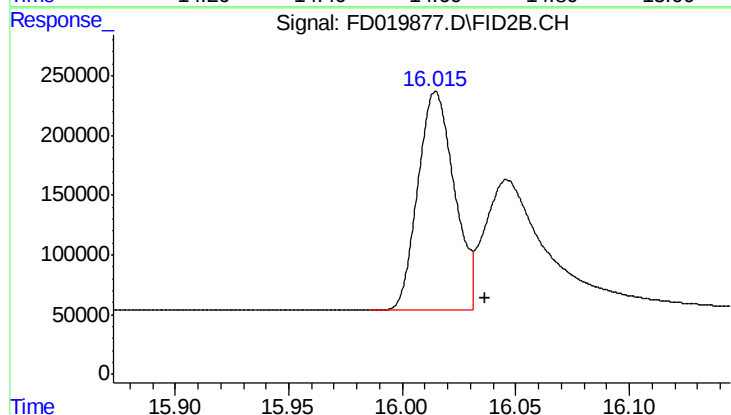
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.463 min
Delta R.T.: -0.019 min
Response: 1846444
Conc: 17.64 ug/ml



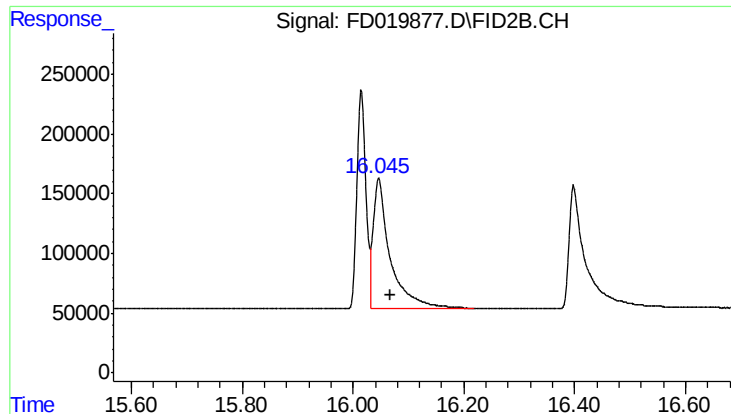
#15 Chrysene (C27.41)

R.T.: 14.504 min
Delta R.T.: -0.020 min
Response: 2018793
Conc: 18.68 ug/ml



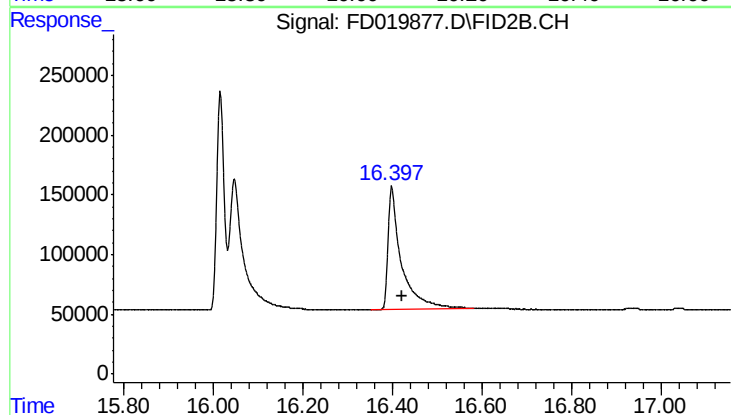
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.015 min
Delta R.T.: -0.022 min
Response: 2061808
Conc: 19.16 ug/ml m



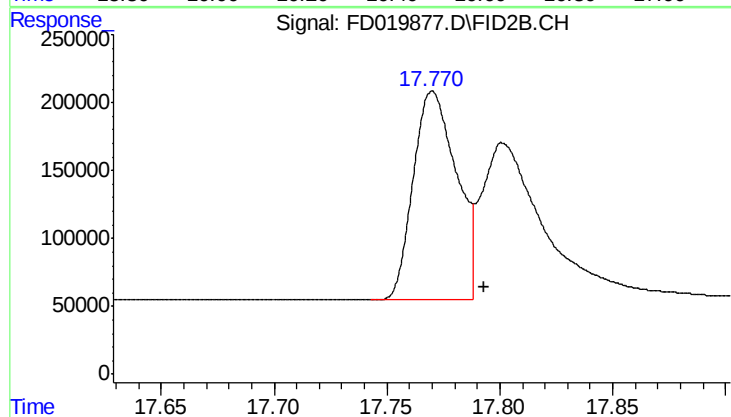
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.046 min
Delta R.T.: -0.021 min
Response: 2327195
Conc: 20.55 ug/ml



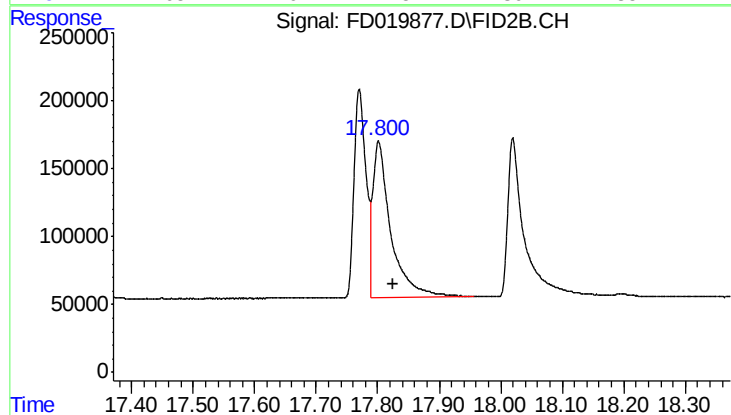
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.398 min
Delta R.T.: -0.022 min
Response: 2114451
Conc: 19.40 ug/ml



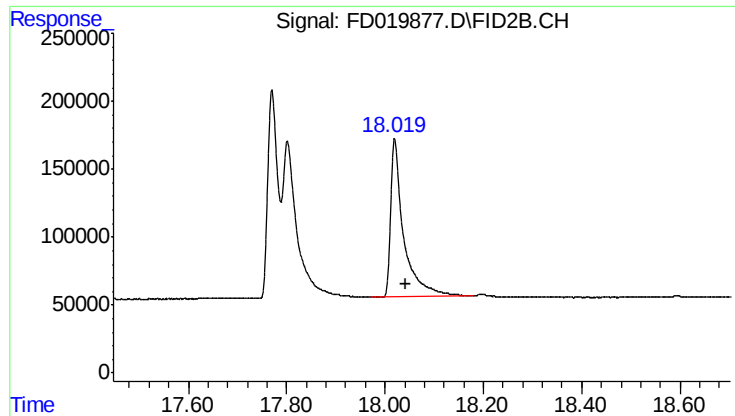
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.770 min
Delta R.T.: -0.023 min
Response: 2068458
Conc: 20.91 ug/ml m



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

R.T.: 17.802 min
Delta R.T.: -0.024 min
Response: 2353378
Conc: 20.53 ug/ml



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

R.T.: 18.020 min
Delta R.T.: -0.024 min
Response: 2122219
Conc: 20.34 ug/ml