

Data Path : P:\HPCHEM1\FID D\Data\FD020718AR\
 Data File : FD019902.D
 Signal(s) : FID2B.CH
 Acq On : 07 Feb 2018 16:31
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 08 05:49:13 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	1863819	23.035 ug/ml
Spiked Amount 50.000		Recovery =	46.07%
6) S 2-Fluorobiphenyl (SURR)	8.223	1154400	21.105 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.21%
11) S ortho-Terphenyl (SURR)	11.243	2103162	21.259 ug/ml
Spiked Amount 50.000		Recovery =	42.52%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.166	1894209	21.397 ug/ml
2) T Naphthalene (C11.7)	5.700	1920080	21.498 ug/ml
3) T 2-Methylnaphthalene (...)	6.750	2020960	22.013 ug/ml
5) T Acenaphthylene (C15.06)	8.015	2162673	22.808 ug/ml
7) T Acenaphthene (C15.5)	8.307	2271863	23.289 ug/ml
8) T Fluorene (C16.55)	9.092	2087649	21.968 ug/ml
9) T Phenanthrene (C19.36)	10.485	2125548	21.380 ug/ml
10) T Anthracene (C19.43)	10.563	2030907	20.884 ug/ml
12) T Fluoranthene (C21.85)	12.295	2093681	19.750 ug/ml
13) T Pyrene (C20.8)	12.589	2013411	19.007 ug/ml
14) T Benzo[<i>a</i>]anthracene (C...	14.465	1917652	18.323 ug/ml
15) T Chrysene (C27.41)	14.508	2155458	19.944 ug/ml
16) T benzo[<i>b</i>]fluoranthene ...	16.051	2444417	22.720 ug/ml
17) T Benzo[<i>k</i>]fluoranthene ...	16.051	2444417	21.581 ug/ml
18) T Benzo[<i>a</i>]pyrene (C31.34)	16.404	2243374	20.581 ug/ml
19) T Indeno[1,2,3- <i>cd</i>]pyren...	17.808	2389711	24.156 ug/ml
20) T Dibenz[<i>a,h</i>]anthracene...	17.808	2389711	20.850 ug/ml
21) T Benzo[<i>a,h,i</i>]perylene ...	18.025	2191552	21.000 ug/ml

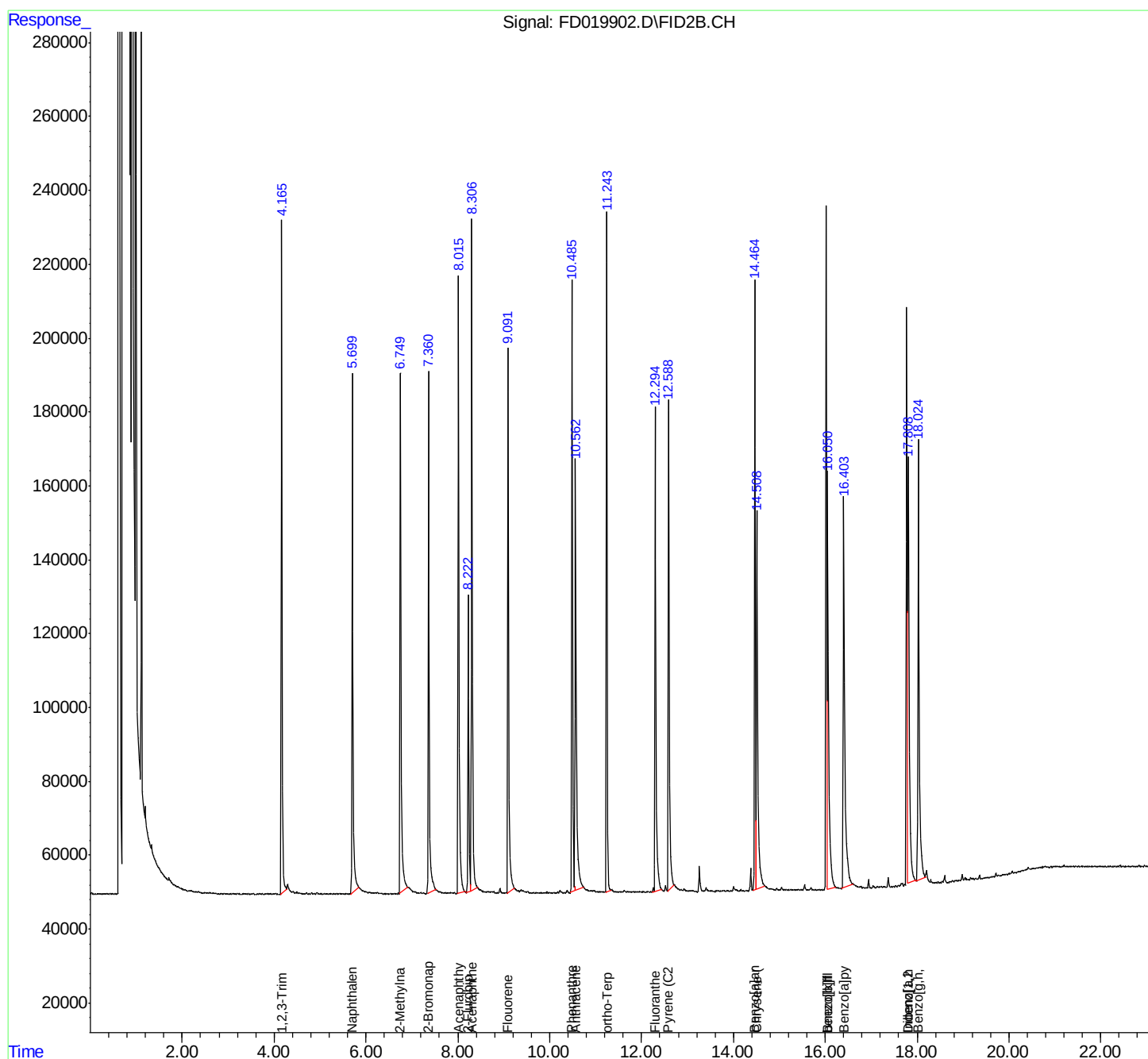
(f)=RT Delta > 1/2 Window

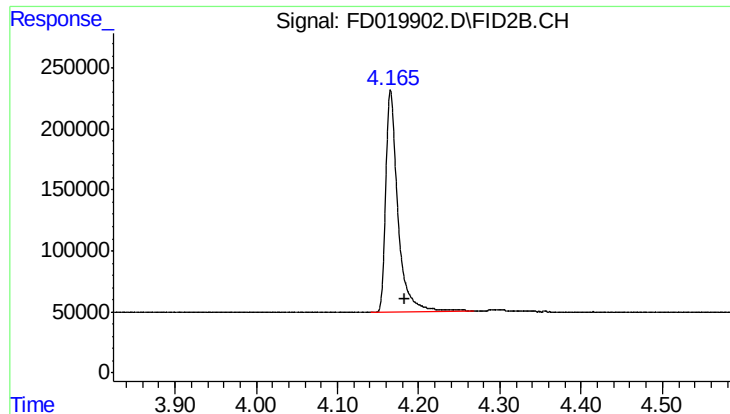
(m)=manual int.

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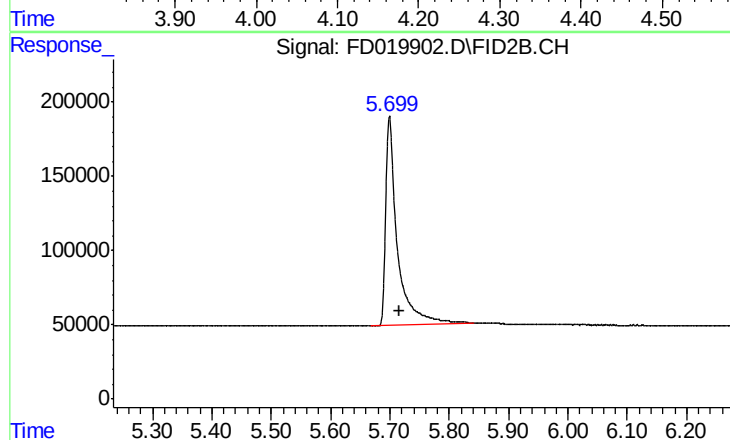
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Signal Info : 20M x 0.18mm x 0.18µm





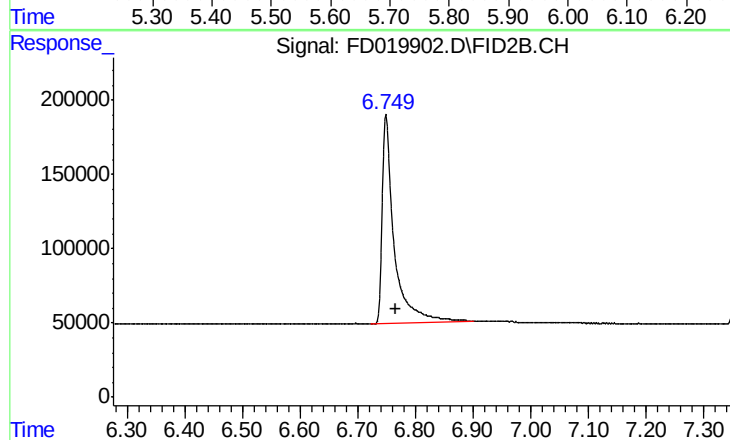
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.166 min
Delta R.T.: -0.017 min
Response: 1894209
Conc: 21.40 ug/ml



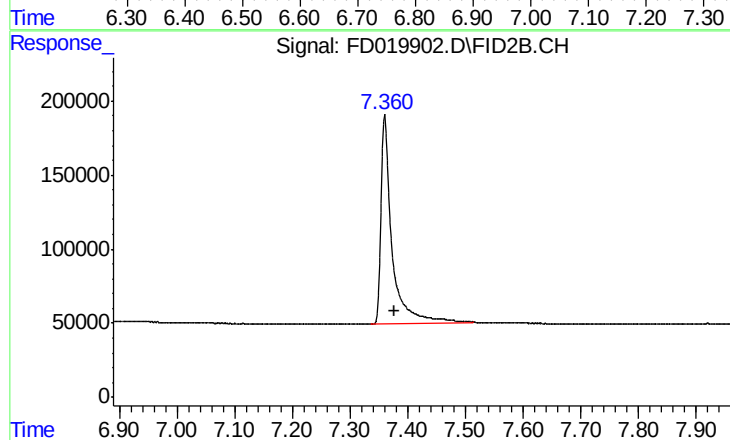
#2 Naphthalene (C11.7)

R.T.: 5.700 min
Delta R.T.: -0.017 min
Response: 1920080
Conc: 21.50 ug/ml



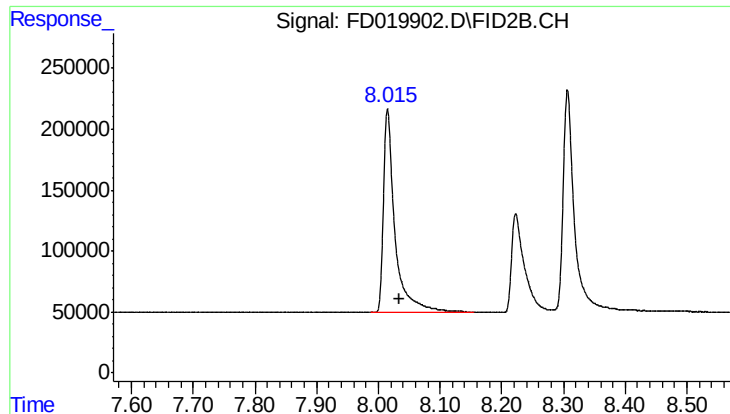
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.750 min
Delta R.T.: -0.017 min
Response: 2020960
Conc: 22.01 ug/ml



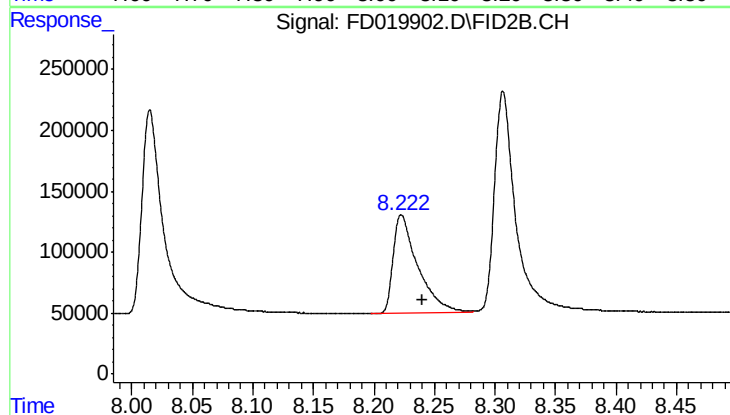
#4 2-Bromonaphthalene (SURR)

R.T.: 7.361 min
Delta R.T.: -0.017 min
Response: 1863819
Conc: 23.03 ug/ml



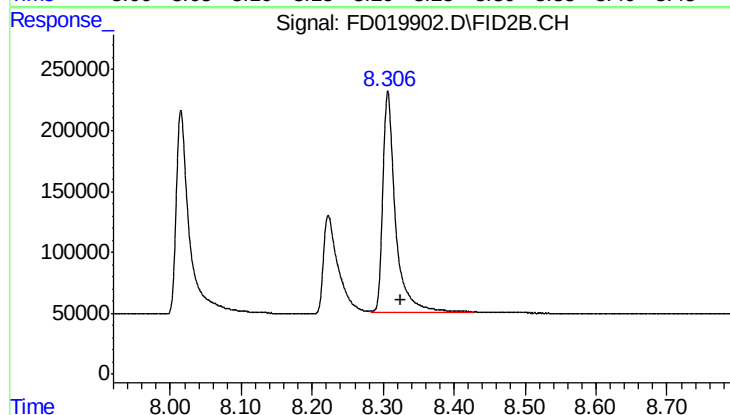
#5 Acenaphthylene (C15.06)

R.T.: 8.015 min
Delta R.T.: -0.018 min
Response: 2162673
Conc: 22.81 ug/ml



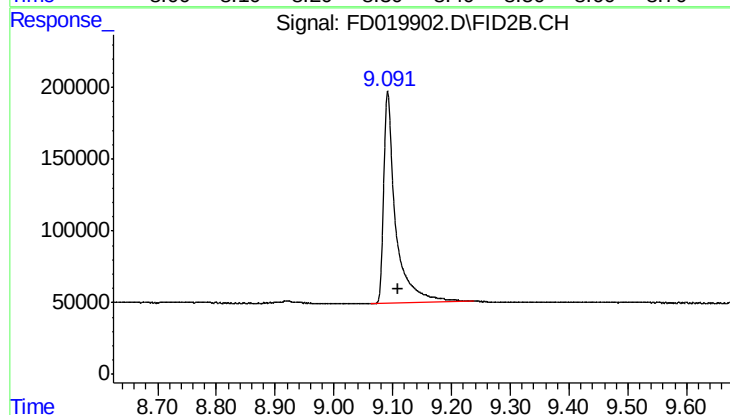
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.223 min
Delta R.T.: -0.016 min
Response: 1154400
Conc: 21.11 ug/ml



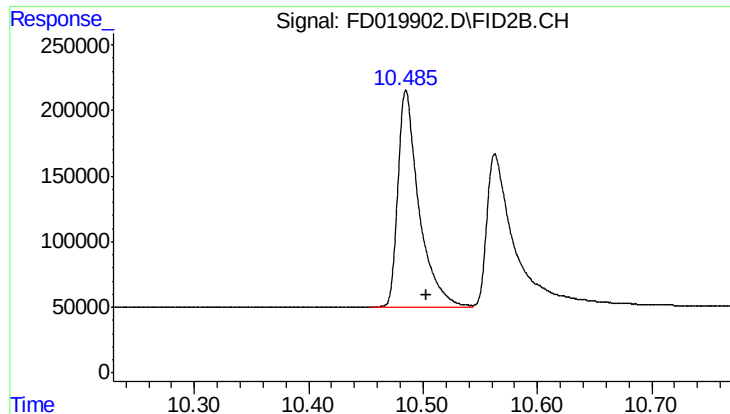
#7 Acenaphthene (C15.5)

R.T.: 8.307 min
Delta R.T.: -0.019 min
Response: 2271863
Conc: 23.29 ug/ml



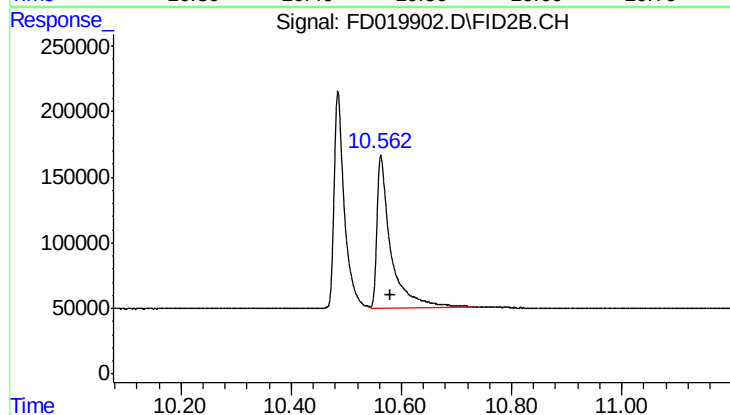
#8 Fluorene (C16.55)

R.T.: 9.092 min
Delta R.T.: -0.018 min
Response: 2087649
Conc: 21.97 ug/ml



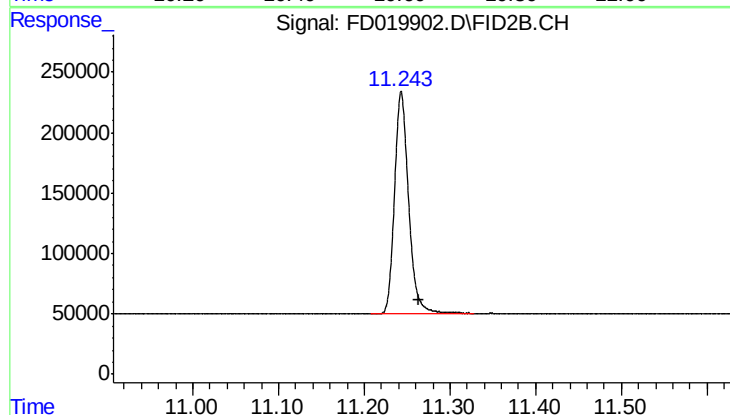
#9 Phenanthrene (C19.36)

R.T.: 10.485 min
Delta R.T.: -0.017 min
Response: 2125548
Conc: 21.38 ug/ml



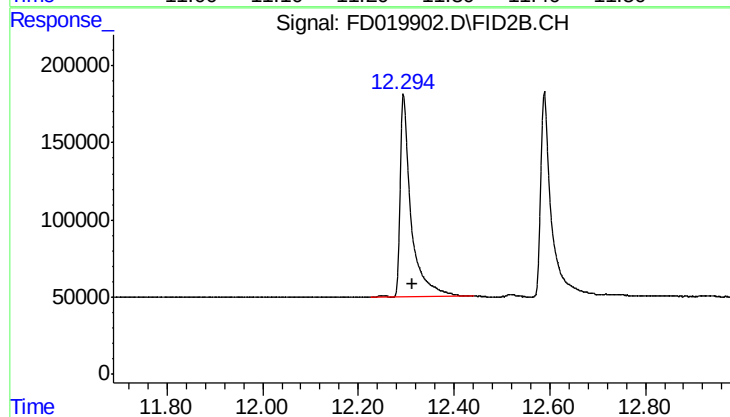
#10 Anthracene (C19.43)

R.T.: 10.563 min
Delta R.T.: -0.017 min
Response: 2030907
Conc: 20.88 ug/ml



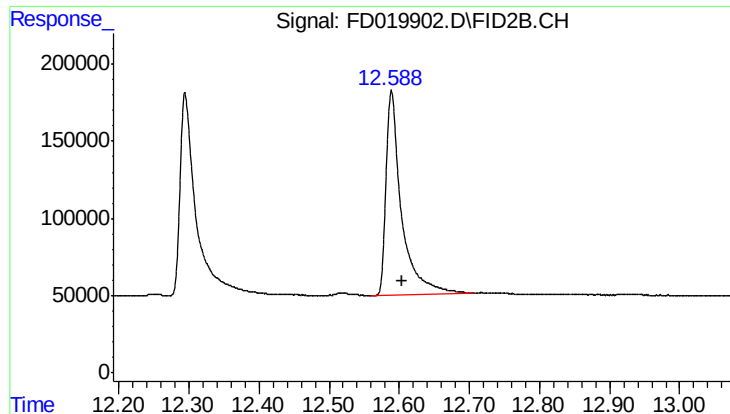
#11 ortho-Terphenyl (SURR)

R.T.: 11.243 min
Delta R.T.: -0.020 min
Response: 2103162
Conc: 21.26 ug/ml



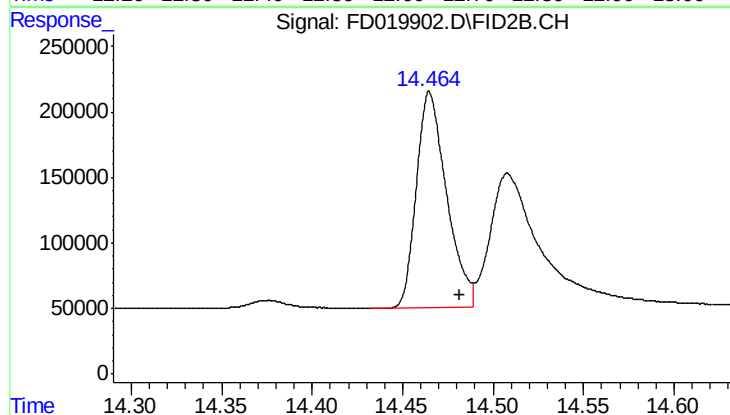
#12 Fluoranthene (C21.85)

R.T.: 12.295 min
Delta R.T.: -0.017 min
Response: 2093681
Conc: 19.75 ug/ml



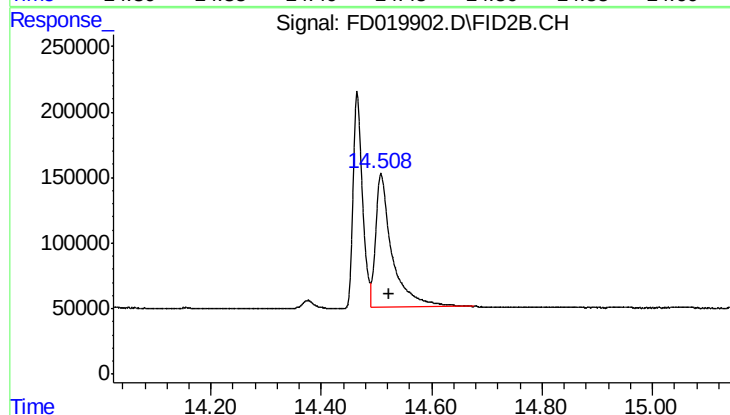
#13 Pyrene (C20.8)

R.T.: 12.589 min
Delta R.T.: -0.015 min
Response: 2013411
Conc: 19.01 ug/ml



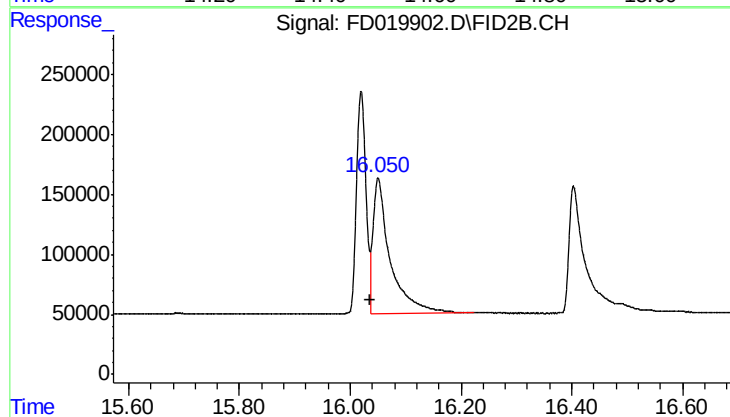
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.465 min
Delta R.T.: -0.016 min
Response: 1917652
Conc: 18.32 ug/ml



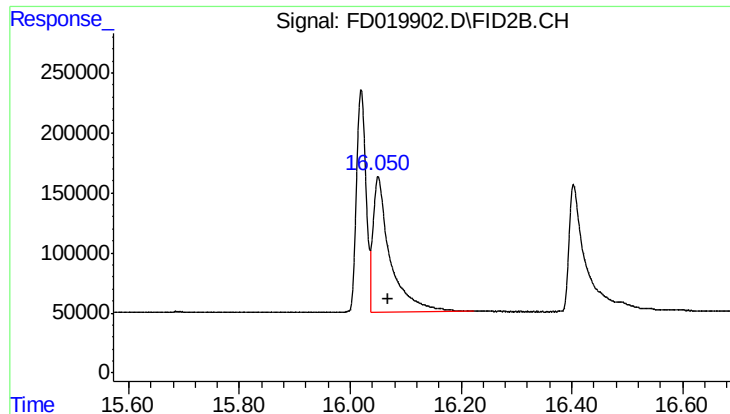
#15 Chrysene (C27.41)

R.T.: 14.508 min
Delta R.T.: -0.016 min
Response: 2155458
Conc: 19.94 ug/ml



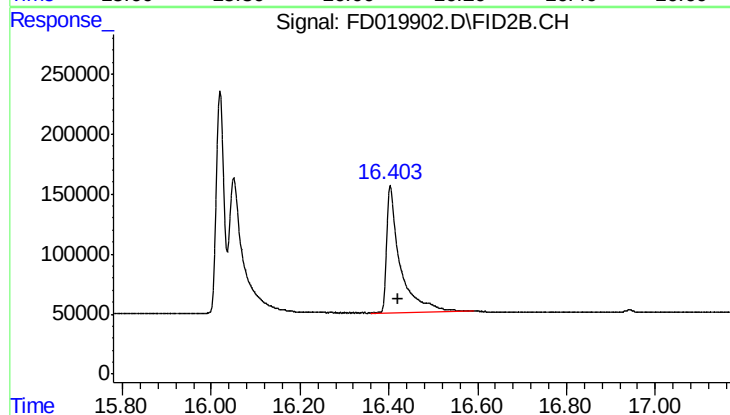
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.051 min
Delta R.T.: 0.014 min
Response: 2444417
Conc: 22.72 ug/ml



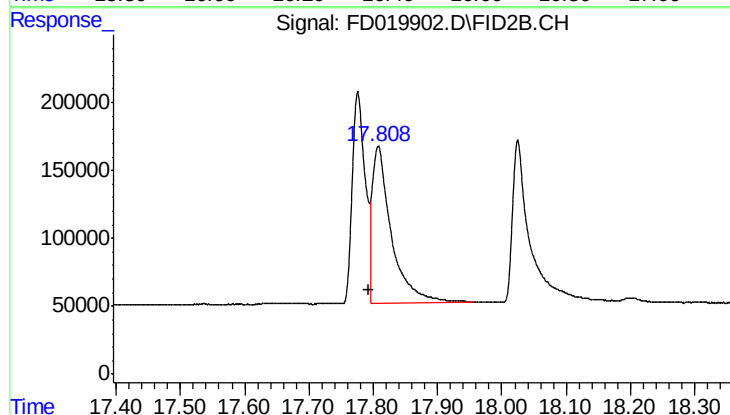
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.051 min
Delta R.T.: -0.017 min
Response: 2444417
Conc: 21.58 ug/ml



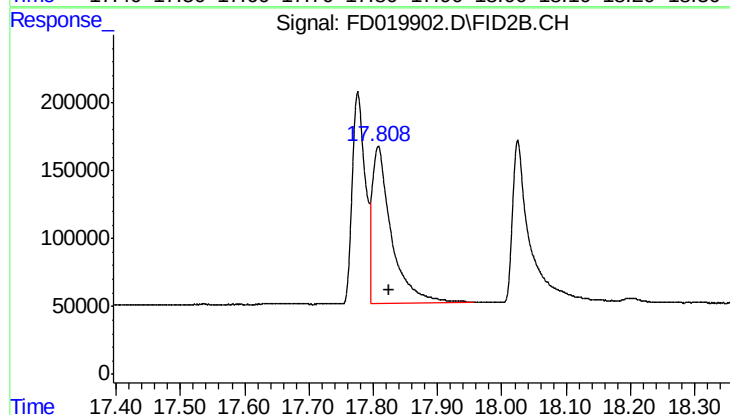
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.404 min
Delta R.T.: -0.017 min
Response: 2243374
Conc: 20.58 ug/ml



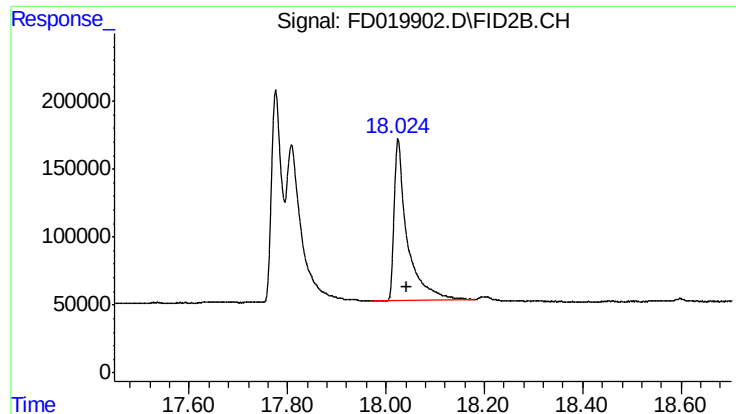
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.808 min
Delta R.T.: 0.015 min
Response: 2389711
Conc: 24.16 ug/ml



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

R.T.: 17.808 min
Delta R.T.: -0.018 min
Response: 2389711
Conc: 20.85 ug/ml



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

R.T.: 18.025 min
Delta R.T.: -0.019 min
Response: 2191552
Conc: 21.00 ug/ml