

Data Path : P:\HPCHEM1\FID D\Data\FD012818AR\
 Data File : FD019285.D
 Signal(s) : FID2B.CH
 Acq On : 29 Jan 2018 7:15
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 29 16:45:11 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...	7.366	1643922	20.317 ug/ml
Spiked Amount 50.000		Recovery =	40.63%
6) S 2-Fluorobiphenyl (SURR)	8.223	1153547	21.090 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.18%
11) S ortho-Terphenyl (SURR)	11.253	2040352	20.624 ug/ml
Spiked Amount 50.000		Recovery =	41.25%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.172	1731594	19.560 ug/ml
2) T Naphthalene (C11.7)	5.704	1783935	19.974 ug/ml
3) T 2-Methylnaphthalene (...)	6.754	1852881	20.182 ug/ml
5) T Acenaphthylene (C15.06)	8.022	1918788	20.236 ug/ml
7) T Acenaphthene (C15.5)	8.316	1988268	20.382 ug/ml
8) T Fluorene (C16.55)	9.097	1980759	20.844 ug/ml
9) T Phenanthrene (C19.36)	10.489	2069630	20.818 ug/ml
10) T Anthracene (C19.43)	10.565	2064230	21.227 ug/ml
12) T Fluoranthene (C21.85)	12.299	2159875	20.374 ug/ml
13) T Pyrene (C20.8)	12.592	2146917	20.268 ug/ml
14) T Benzo[alanthracene (C...	14.468	2134373	20.393 ug/ml
15) T Chrysene (C27.41)	14.509	2170412	20.082 ug/ml
16) T benzo[blfluoranthene ...	16.024	2142804	19.917 ug/ml
17) T Bnezo[klfluoranthene ...	16.054	2235250	19.734 ug/ml
18) T Benzo[alpyrene (C31.34)	16.404	2152763	19.750 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.778	1594429	16.117 ug/ml
20) T Dibenz[fa,h]anthracene...	17.810	2230568	19.461 ug/ml
21) T Benzo[ga,h,i]pervlene ...	18.029	1632785	15.646 ug/ml

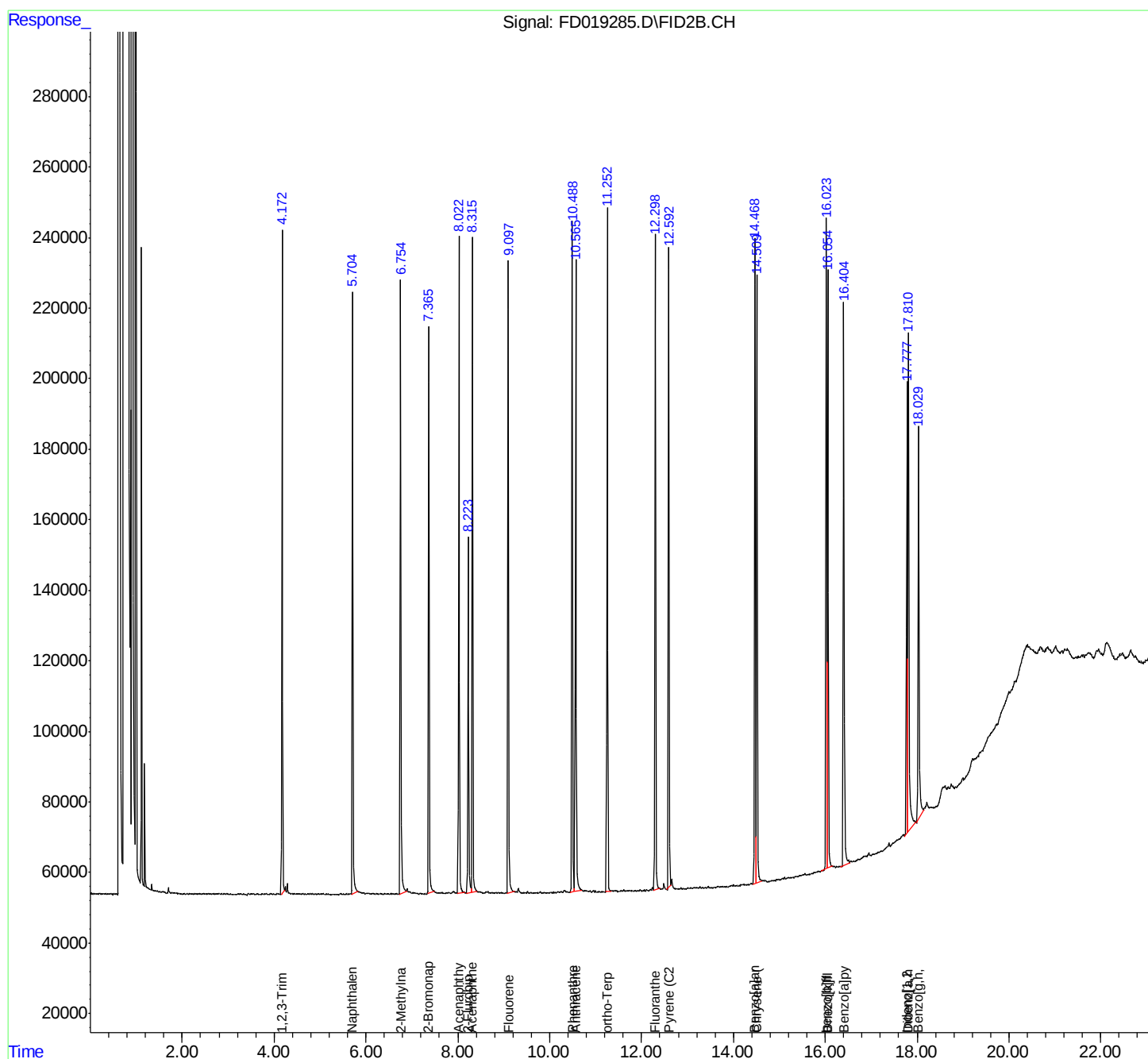
(f)=RT Delta > 1/2 Window

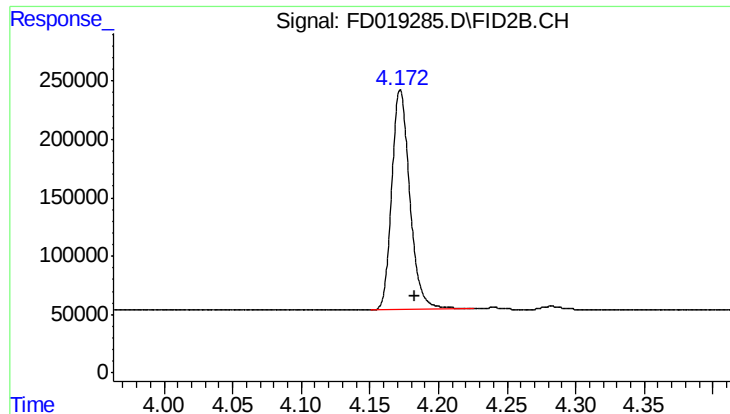
(m)=manual int.

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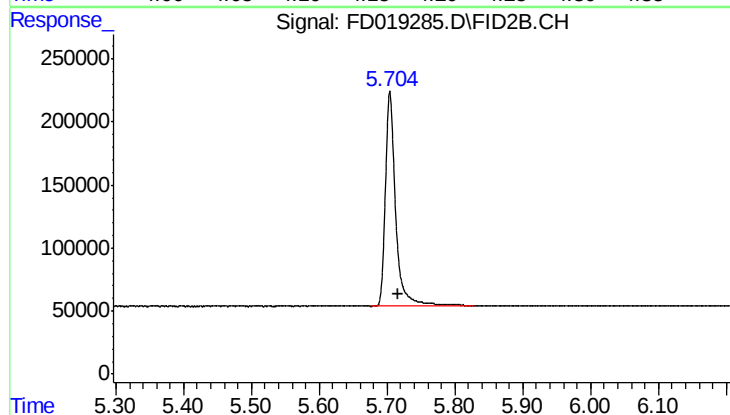
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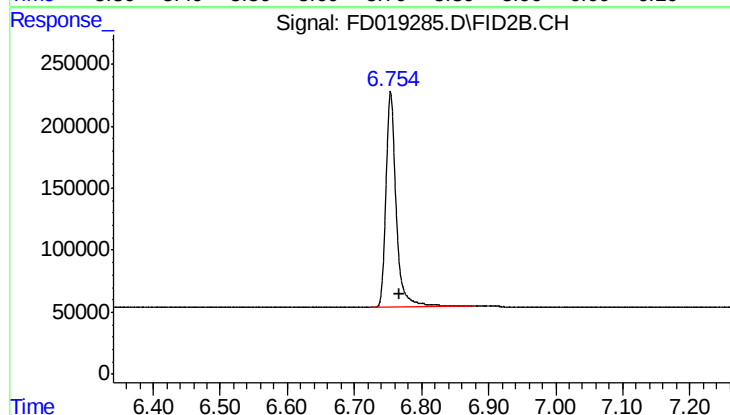
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.172 min
Delta R.T.: -0.010 min
Response: 1731594
Conc: 19.56 ug/ml



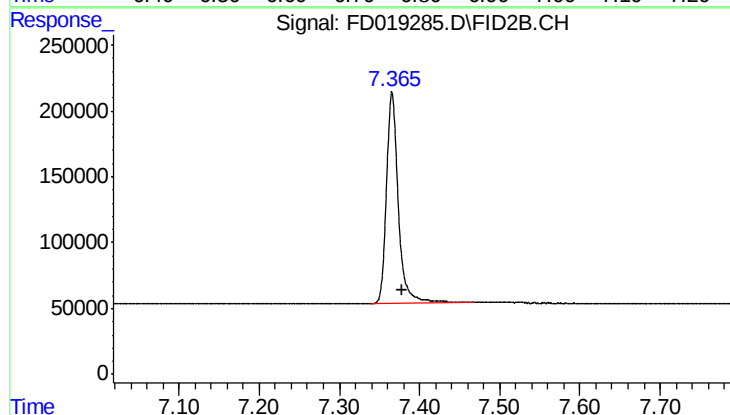
#2 Naphthalene (C11.7)

R.T.: 5.704 min
Delta R.T.: -0.013 min
Response: 1783935
Conc: 19.97 ug/ml



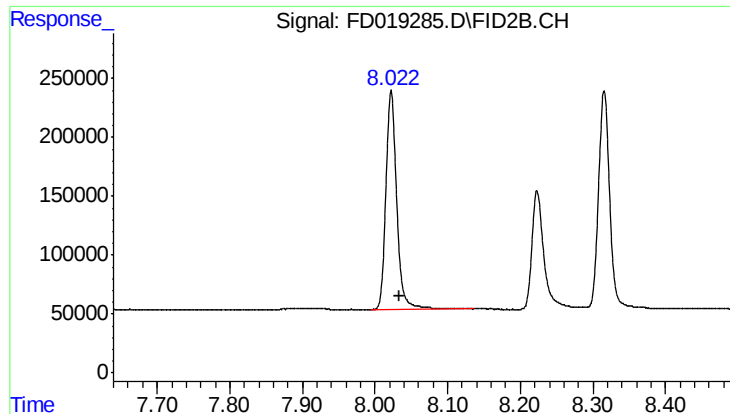
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.754 min
Delta R.T.: -0.012 min
Response: 1852881
Conc: 20.18 ug/ml



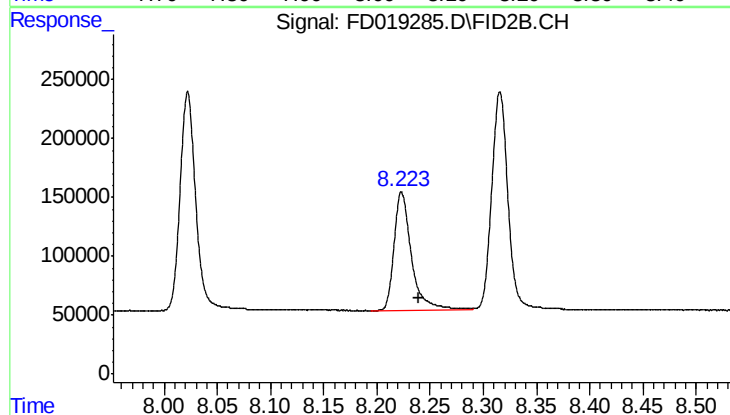
#4 2-Bromonaphthalene (SURR)

R.T.: 7.366 min
Delta R.T.: -0.012 min
Response: 1643922
Conc: 20.32 ug/ml



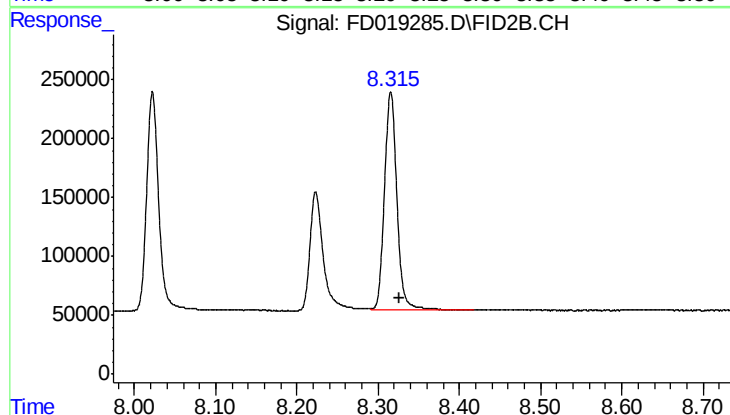
#5 Acenaphthylene (C15.06)

R.T.: 8.022 min
Delta R.T.: -0.011 min
Response: 1918788
Conc: 20.24 ug/ml



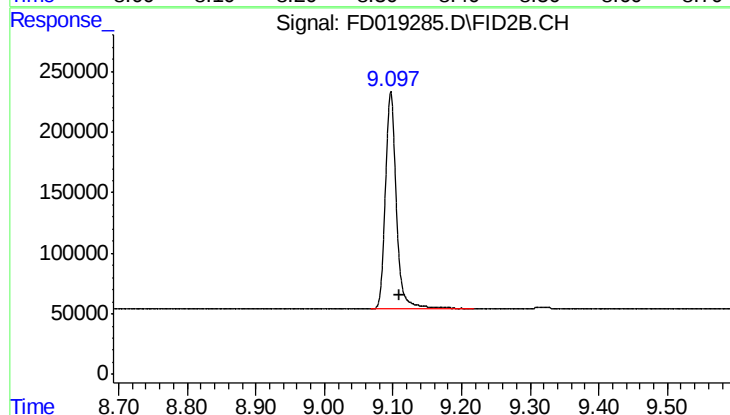
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.223 min
Delta R.T.: -0.017 min
Response: 1153547
Conc: 21.09 ug/ml



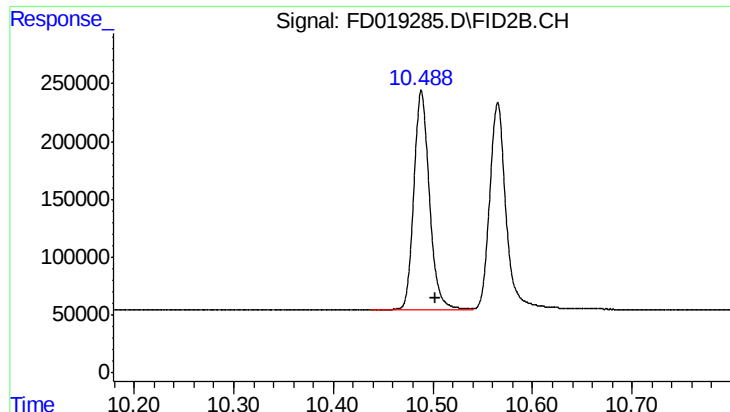
#7 Acenaphthene (C15.5)

R.T.: 8.316 min
Delta R.T.: -0.010 min
Response: 1988268
Conc: 20.38 ug/ml



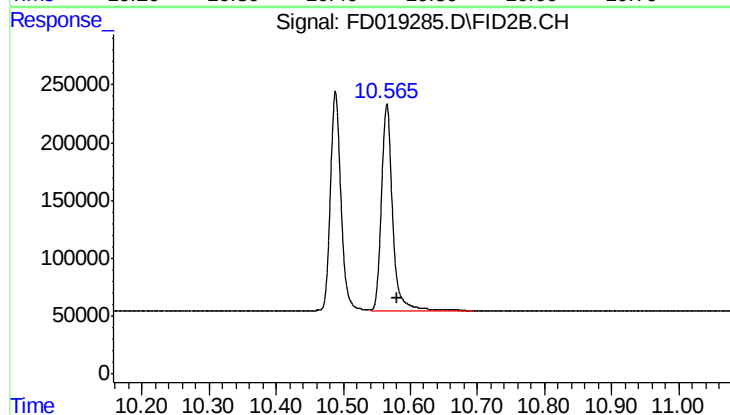
#8 Fluorene (C16.55)

R.T.: 9.097 min
Delta R.T.: -0.013 min
Response: 1980759
Conc: 20.84 ug/ml



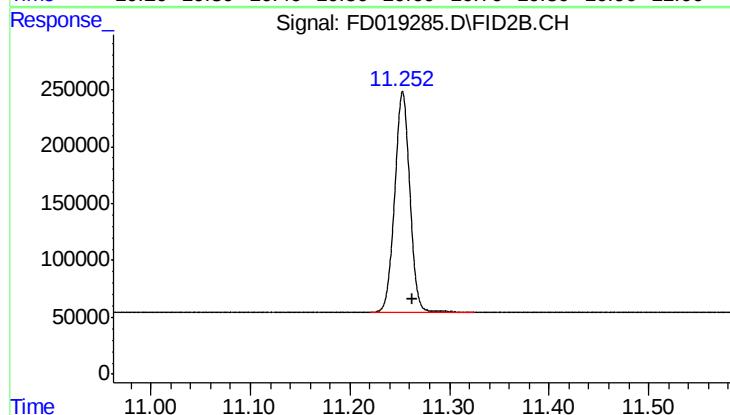
#9 Phenanthrene (C19.36)

R.T.: 10.489 min
Delta R.T.: -0.014 min
Response: 2069630
Conc: 20.82 ug/ml



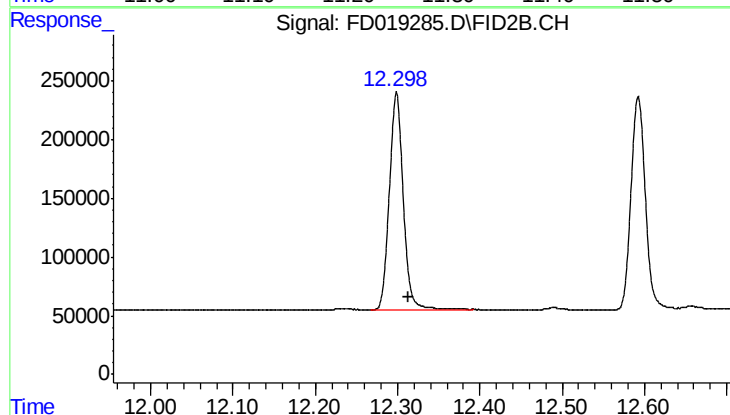
#10 Anthracene (C19.43)

R.T.: 10.565 min
Delta R.T.: -0.015 min
Response: 2064230
Conc: 21.23 ug/ml



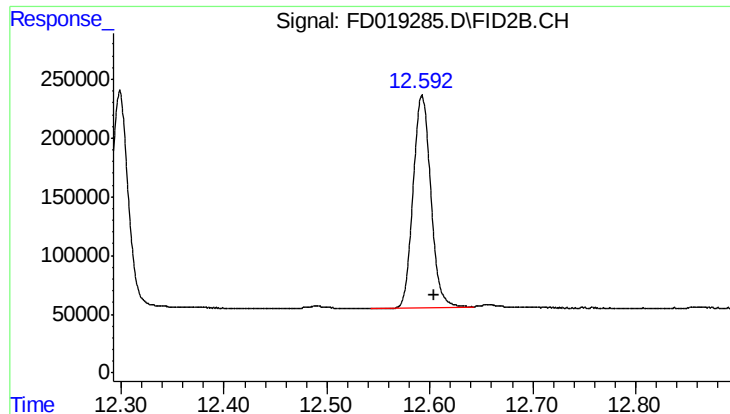
#11 ortho-Terphenyl (SURR)

R.T.: 11.253 min
Delta R.T.: -0.010 min
Response: 2040352
Conc: 20.62 ug/ml



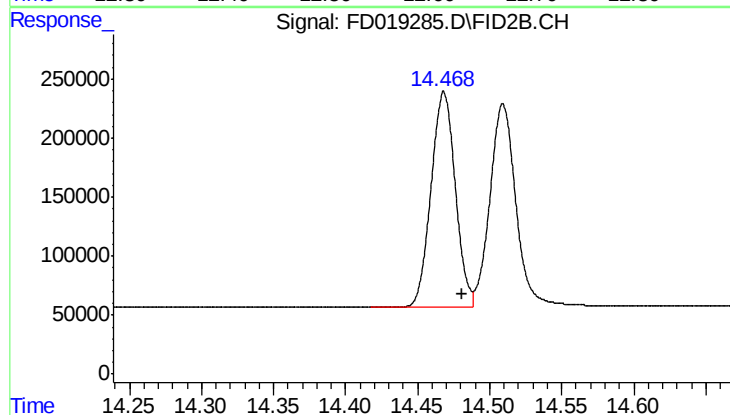
#12 Fluoranthene (C21.85)

R.T.: 12.299 min
Delta R.T.: -0.014 min
Response: 2159875
Conc: 20.37 ug/ml



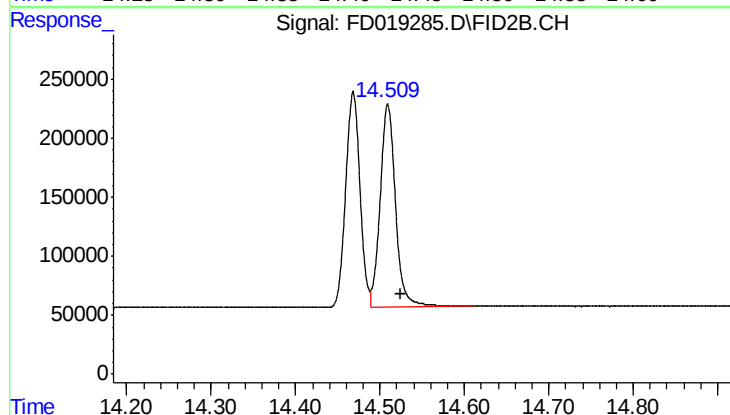
#13 Pyrene (C20.8)

R.T.: 12.592 min
Delta R.T.: -0.012 min
Response: 2146917
Conc: 20.27 ug/ml



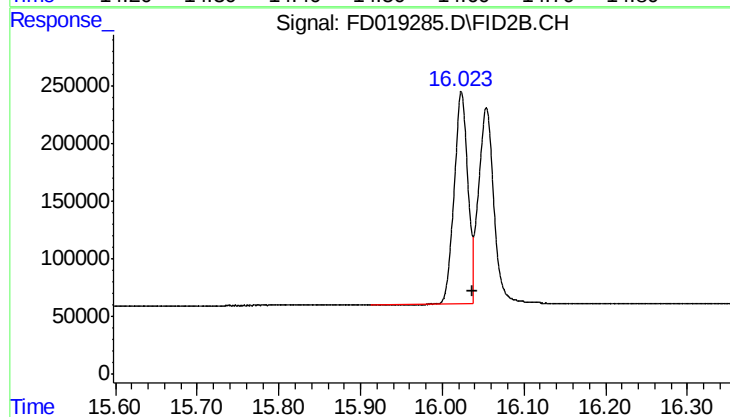
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.468 min
Delta R.T.: -0.013 min
Response: 2134373
Conc: 20.39 ug/ml



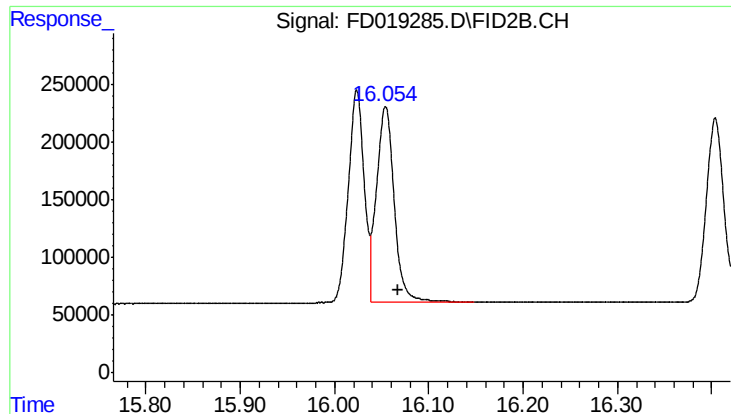
#15 Chrysene (C27.41)

R.T.: 14.509 min
Delta R.T.: -0.015 min
Response: 2170412
Conc: 20.08 ug/ml



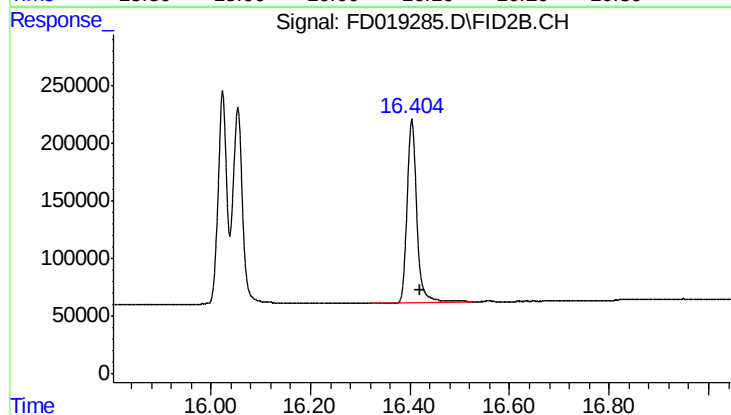
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.024 min
Delta R.T.: -0.013 min
Response: 2142804
Conc: 19.92 ug/ml



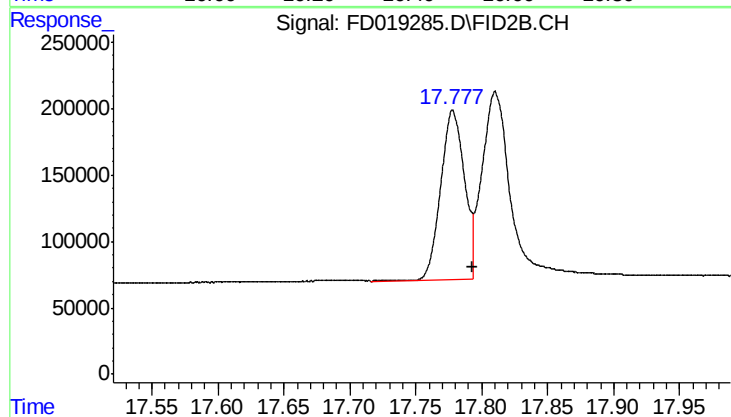
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.054 min
Delta R.T.: -0.013 min
Response: 2235250
Conc: 19.73 ug/ml



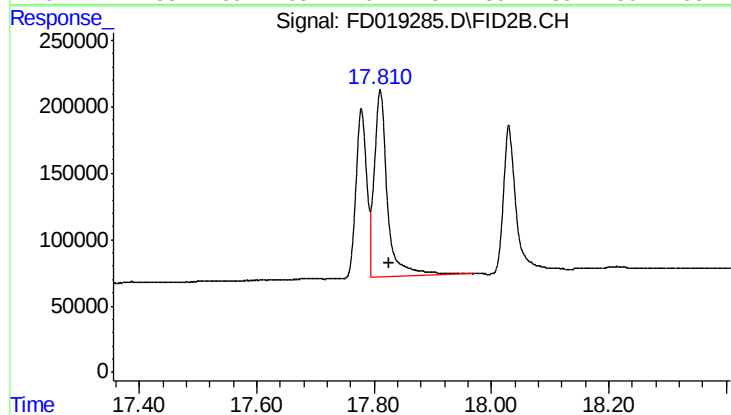
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.404 min
Delta R.T.: -0.017 min
Response: 2152763
Conc: 19.75 ug/ml



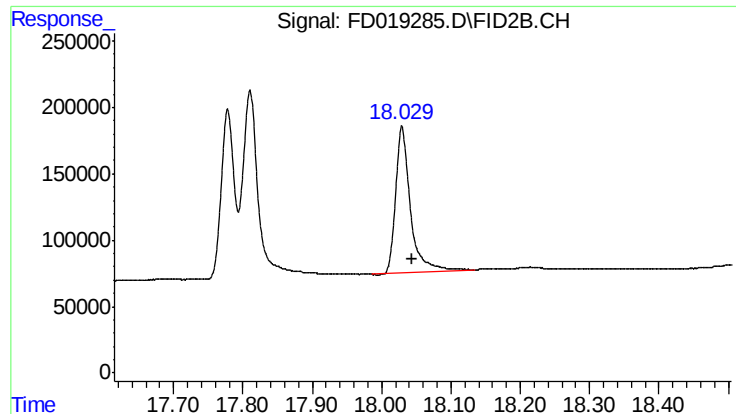
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.778 min
Delta R.T.: -0.015 min
Response: 1594429
Conc: 16.12 ug/ml



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

R.T.: 17.810 min
Delta R.T.: -0.016 min
Response: 2230568
Conc: 19.46 ug/ml



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

R.T.: 18.029 min
Delta R.T.: -0.014 min
Response: 1632785
Conc: 15.65 ug/ml