

Data Path : P:\HPCHEM1\FID D\Data\FD031318AR\
 Data File : FD022502.D
 Signal(s) : FID2B.CH
 Acq On : 13 Mar 2018 11:05
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 13 12:29:53 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 022018.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 21 04:46:02 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...	7.328	1897479	22.649 ug/ml
Spiked Amount 50.000		Recovery =	45.30%
6) S 2-Fluorobiphenyl (SURR)	8.188	1141880	22.586 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	45.17%
11) S ortho-Terphenyl (SURR)	11.210	2280804	24.033 ug/ml
Spiked Amount 50.000		Recovery =	48.07%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.135	2136156	24.190 ug/ml
2) T Naphthalene (C11.7)	5.667	2101698	23.495 ug/ml
3) T 2-Methylnaphthalene (...)	6.716	2042479	22.489 ug/ml
5) T Acenaphthylene (C15.06)	7.983	2156195	22.514 ug/ml
7) T Acenaphthene (C15.5)	8.275	2212549	21.599 ug/mlm
8) T Fluorene (C16.55)	9.057	2190877	23.366 ug/ml
9) T Phenanthrene (C19.36)	10.451	2291473	24.594 ug/ml
10) T Anthracene (C19.43)	10.527	2309329	24.353 ug/ml
12) T Fluoranthene (C21.85)	12.259	2444636	24.372 ug/ml
13) T Pyrene (C20.8)	12.554	2435767	23.975 ug/ml
14) T Benzo[<i>a</i>]anthracene (C...	14.431	2293027	23.779 ug/mlm
15) T Chrysene (C27.41)	14.472	2484567	23.020 ug/ml
16) T benzo[<i>b</i>]fluoranthene ...	15.987	2295516	22.834 ug/mlm
17) T Benzo[<i>k</i>]fluoranthene ...	16.018	2525417	22.255 ug/ml
18) T Benzo[<i>a</i>]pyrene (C31.34)	16.369	2262335	21.527 ug/ml
19) T Indeno[1,2,3- <i>cd</i>]pyren...	17.752	1594225	16.733 ug/mlm
20) T Dibenz[<i>a,h</i>]anthracene...	17.778	2413409	21.238 ug/mlm
21) T Benzo[<i>a,h,i</i>]pervlene ...	18.002	1901507	18.308 ug/ml

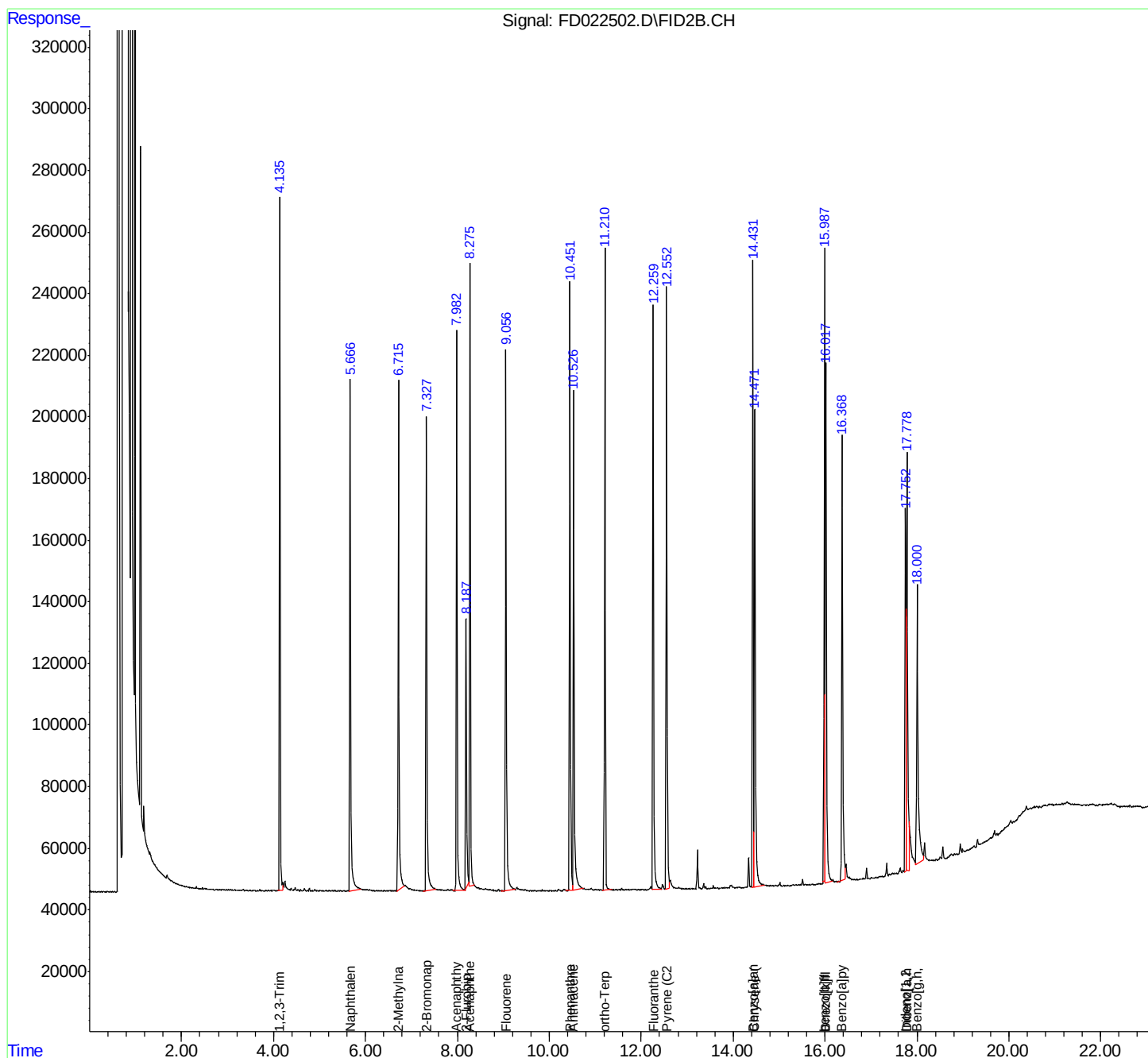
(f)=RT Delta > 1/2 Window

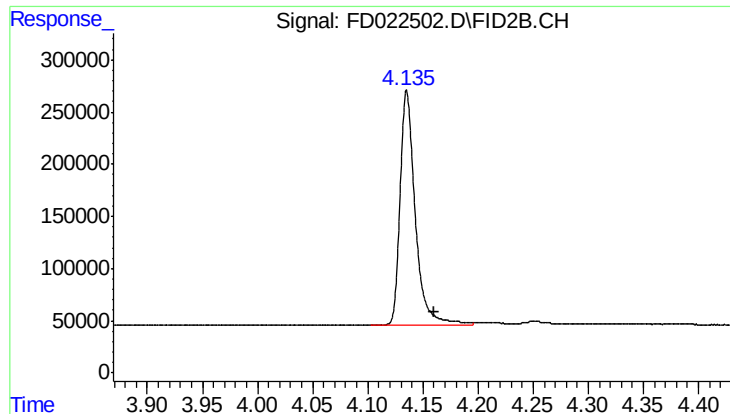
(m)=manual int.

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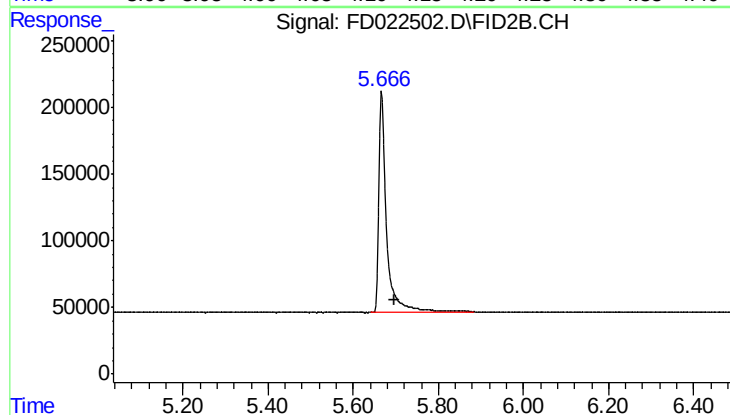
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





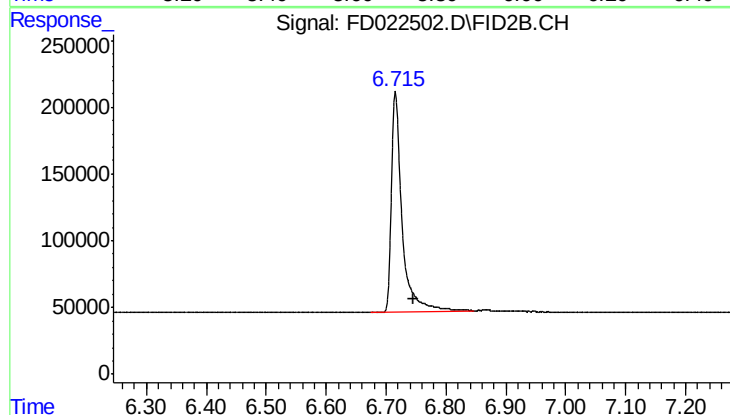
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.135 min
Delta R.T.: -0.024 min
Response: 2136156
Conc: 24.19 ug/ml



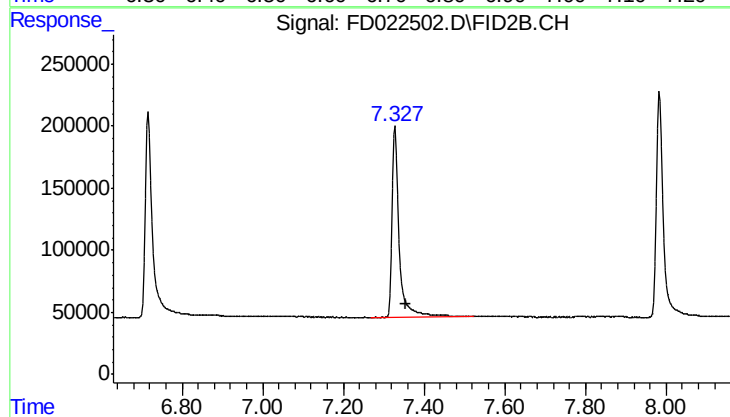
#2 Naphthalene (C11.7)

R.T.: 5.667 min
Delta R.T.: -0.030 min
Response: 2101698
Conc: 23.50 ug/ml



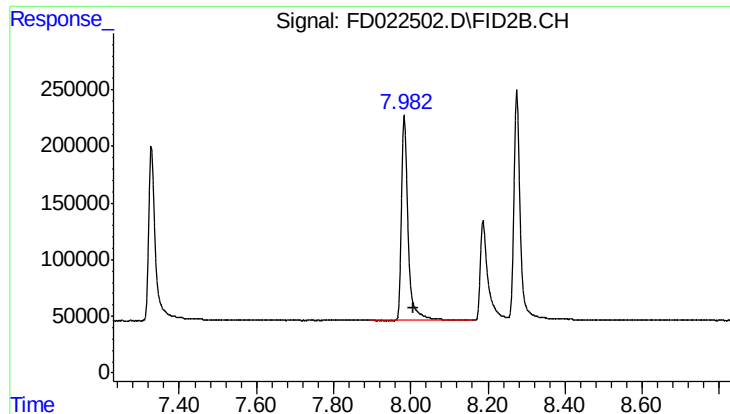
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.716 min
Delta R.T.: -0.030 min
Response: 2042479
Conc: 22.49 ug/ml



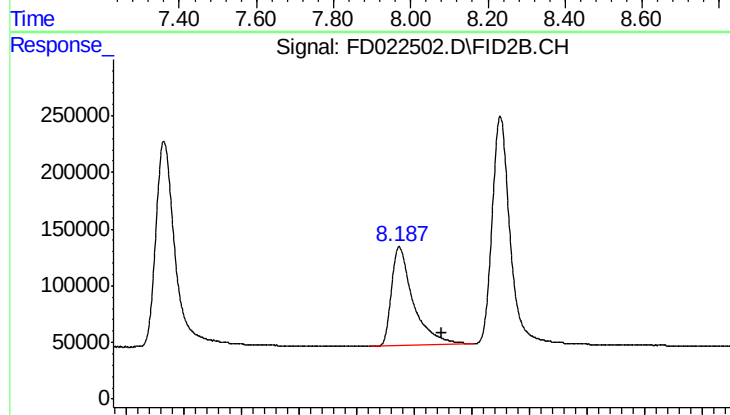
#4 2-Bromonaphthalene (SURR)

R.T.: 7.328 min
Delta R.T.: -0.028 min
Response: 1897479
Conc: 22.65 ug/ml



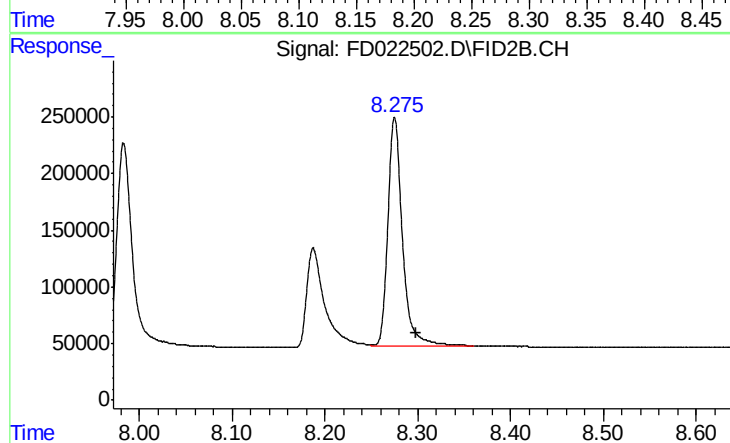
#5 Acenaphthylene (C15.06)

R.T.: 7.983 min
Delta R.T.: -0.025 min
Response: 2156195
Conc: 22.51 ug/ml



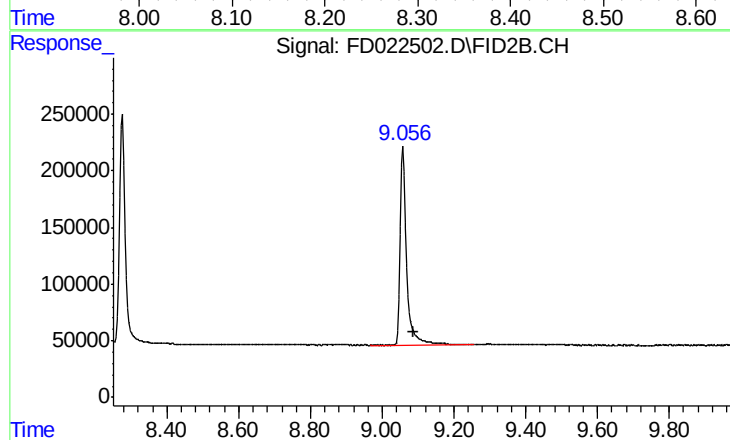
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.188 min
Delta R.T.: -0.037 min
Response: 1141880
Conc: 22.59 ug/ml



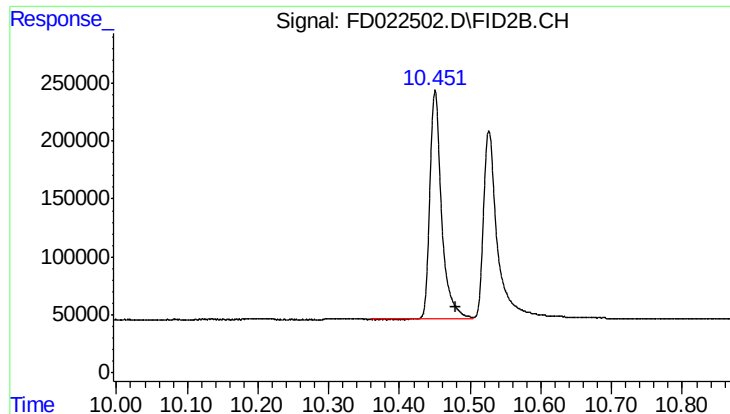
#7 Acenaphthene (C15.5)

R.T.: 8.275 min
Delta R.T.: -0.024 min
Response: 2212549
Conc: 21.60 ug/ml m



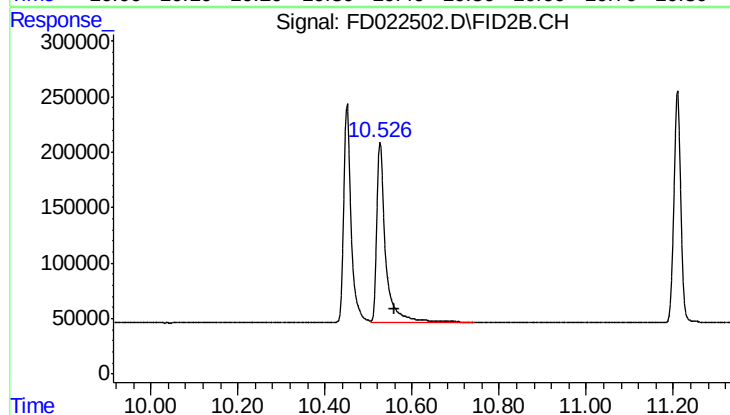
#8 Fluorene (C16.55)

R.T.: 9.057 min
Delta R.T.: -0.029 min
Response: 2190877
Conc: 23.37 ug/ml



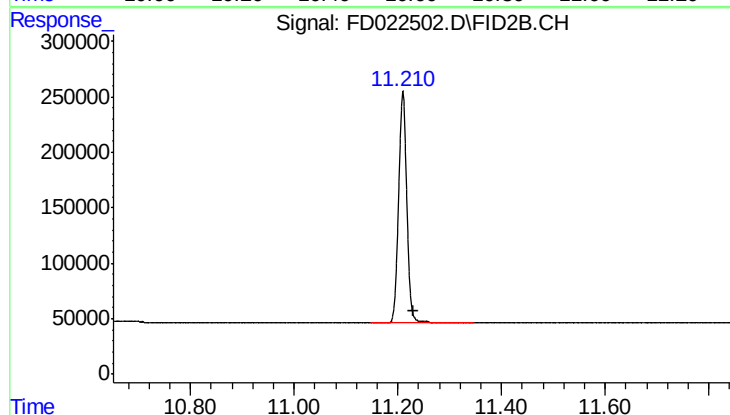
#9 Phenanthrene (C19.36)

R.T.: 10.451 min
Delta R.T.: -0.029 min
Response: 2291473
Conc: 24.59 ug/ml



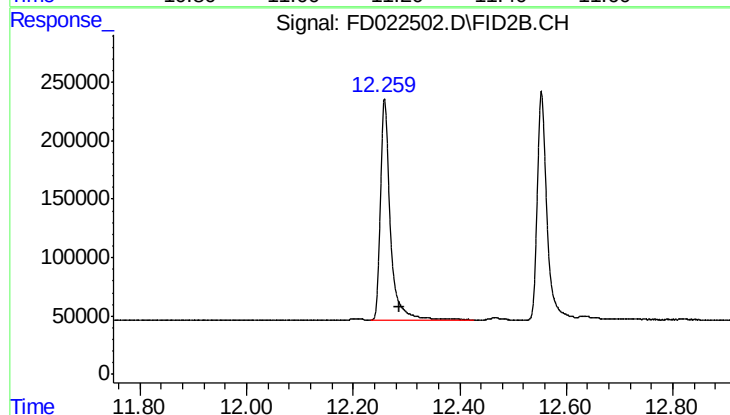
#10 Anthracene (C19.43)

R.T.: 10.527 min
Delta R.T.: -0.033 min
Response: 2309329
Conc: 24.35 ug/ml



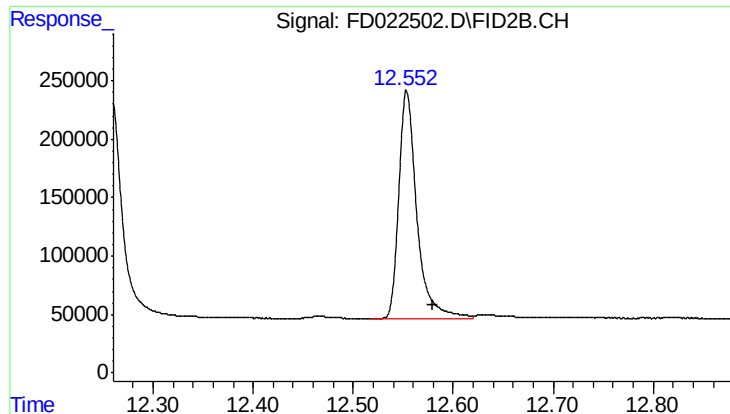
#11 ortho-Terphenyl (SURR)

R.T.: 11.210 min
Delta R.T.: -0.021 min
Response: 2280804
Conc: 24.03 ug/ml



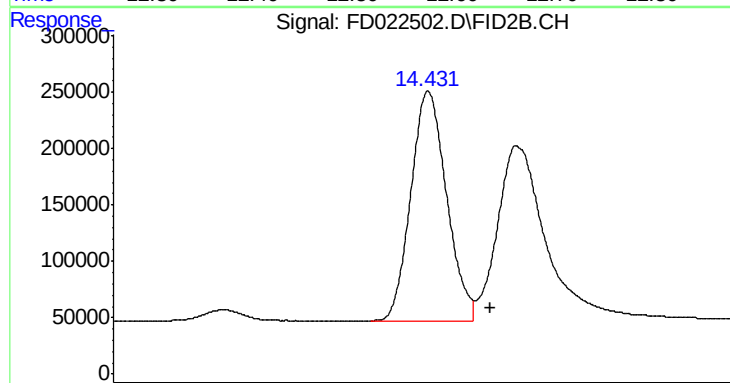
#12 Fluoranthene (C21.85)

R.T.: 12.259 min
Delta R.T.: -0.029 min
Response: 2444636
Conc: 24.37 ug/ml



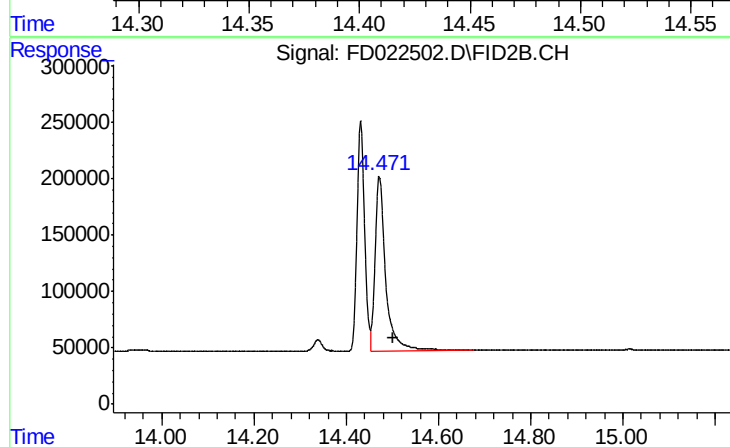
#13 Pyrene (C20.8)

R.T.: 12.554 min
Delta R.T.: -0.027 min
Response: 2435767
Conc: 23.97 ug/ml



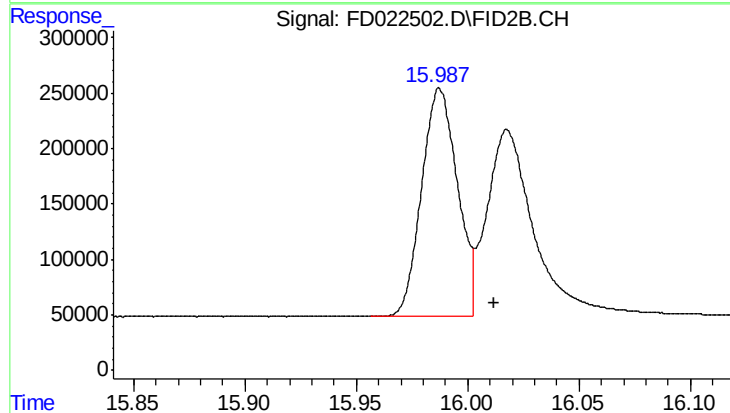
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.431 min
Delta R.T.: -0.028 min
Response: 2293027
Conc: 23.78 ug/ml m



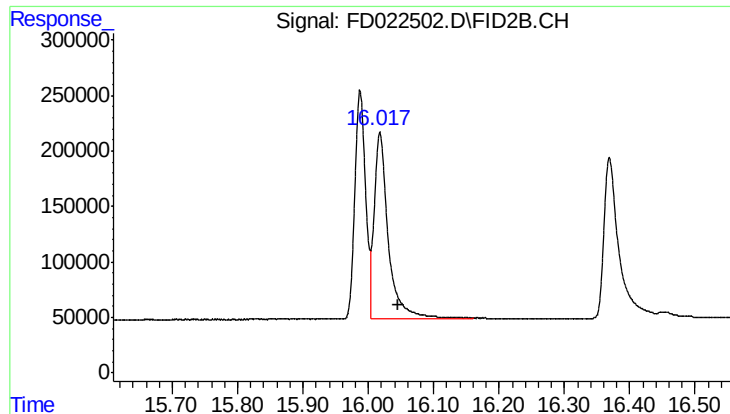
#15 Chrysene (C27.41)

R.T.: 14.472 min
Delta R.T.: -0.029 min
Response: 2484567
Conc: 23.02 ug/ml



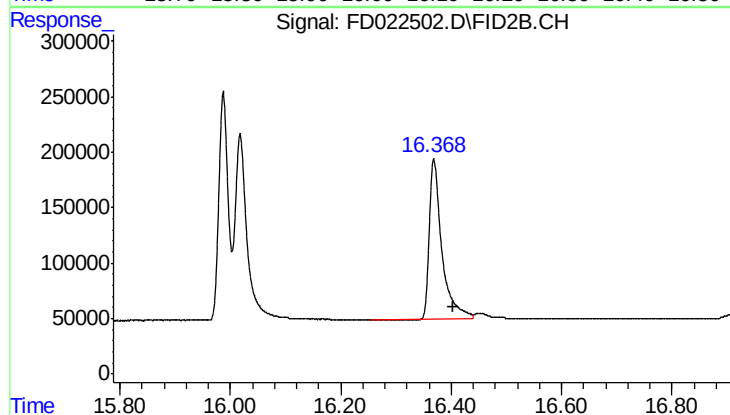
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.987 min
Delta R.T.: -0.026 min
Response: 2295516
Conc: 22.83 ug/ml m



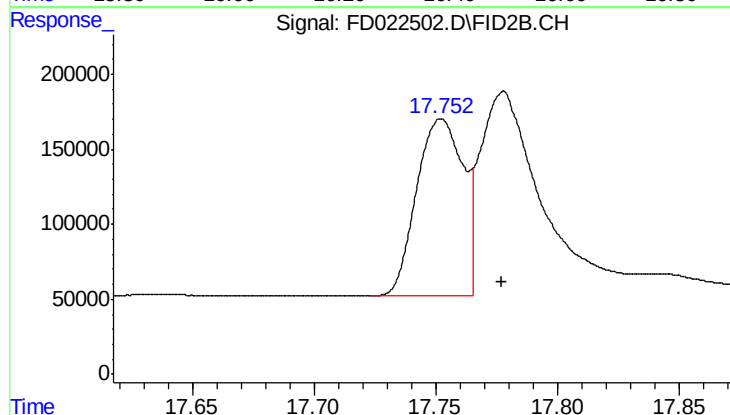
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.018 min
Delta R.T.: -0.028 min
Response: 2525417
Conc: 22.26 ug/ml



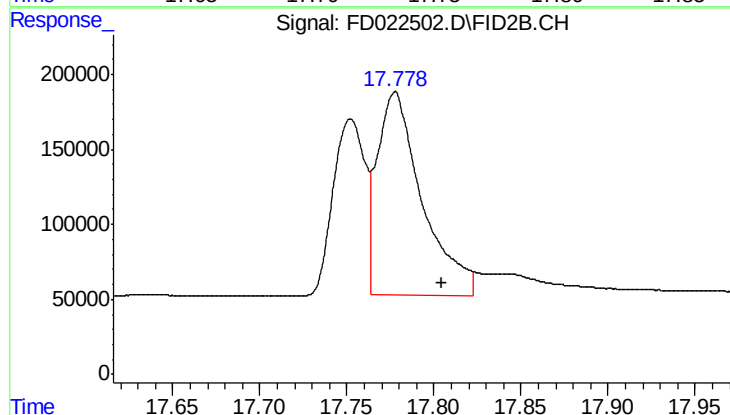
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.369 min
Delta R.T.: -0.036 min
Response: 2262335
Conc: 21.53 ug/ml



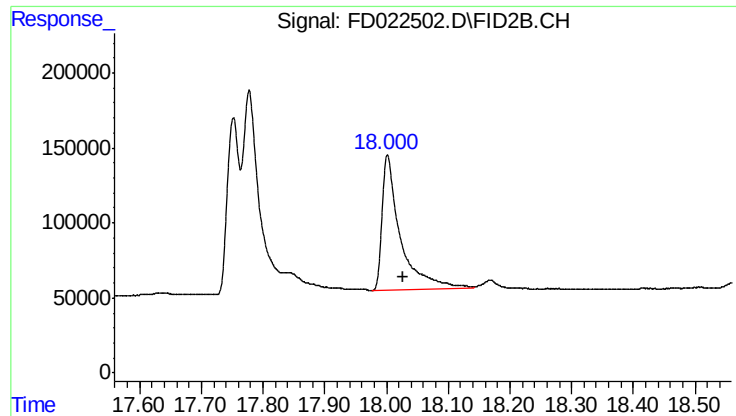
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.752 min
Delta R.T.: -0.025 min
Response: 1594225
Conc: 16.73 ug/ml m



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

R.T.: 17.778 min
Delta R.T.: -0.027 min
Response: 2413409
Conc: 21.24 ug/ml m



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

R.T.: 18.002 min
Delta R.T.: -0.026 min
Response: 1901507
Conc: 18.31 ug/ml