

Data Path : P:\HPCHEM1\FID D\Data\FD022018AR\
 Data File : FD020087.D
 Signal(s) : FID2B.CH
 Acq On : 20 Feb 2018 14:20
 Operator : UA/AJ
 Sample : 100 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 21 04:35:59 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 022018.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 21 04:33:17 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...	7.349	8716360	102.607 ug/ml
Spiked Amount 50.000		Recovery =	205.21%
6) S 2-Fluorobiphenyl (SURR)	8.206	5878935	112.493 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	224.99%#
11) S ortho-Terphenyl (SURR)	11.237	9477419	101.353 ug/ml
Spiked Amount 50.000		Recovery =	202.71%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.155	9085227	101.283 ug/ml
2) T Naphthalene (C11.7)	5.686	9697265	107.011 ug/ml
3) T 2-Methylnaphthalene (...)	6.738	9853047	107.992 ug/ml
5) T Acenaphthylene (C15.06)	8.007	9710751	101.925 ug/ml
7) T Acenaphthene (C15.5)	8.302	9956175	98.164 ug/ml
8) T Fluorene (C16.55)	9.082	9677664	102.652 ug/ml
9) T Phenanthrene (C19.36)	10.475	9776796	104.515 ug/ml
10) T Anthracene (C19.43)	10.552	9677400	101.521 ug/ml
12) T Fluoranthene (C21.85)	12.287	10155433	101.036 ug/ml
13) T Pyrene (C20.8)	12.582	10212146	101.712 ug/ml
14) T Benzo[alanthracene (C...	14.459	10388992	105.865 ug/ml
15) T Chrysene (C27.41)	14.502	10274324	96.526 ug/ml
16) T benzo[b]fluoranthene ...	16.016	10750957	105.891 ug/ml
17) T Benzo[k]fluoranthene ...	16.051	10688912	95.306 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.397	10649524	102.369 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.776	10860762	115.981 ug/ml
20) T Dibenz[a,h]anthracene...	17.806	10091537	88.479 ug/ml
21) T Benzo[a,h,i]perylene ...	18.031	10555482	102.205 ug/ml

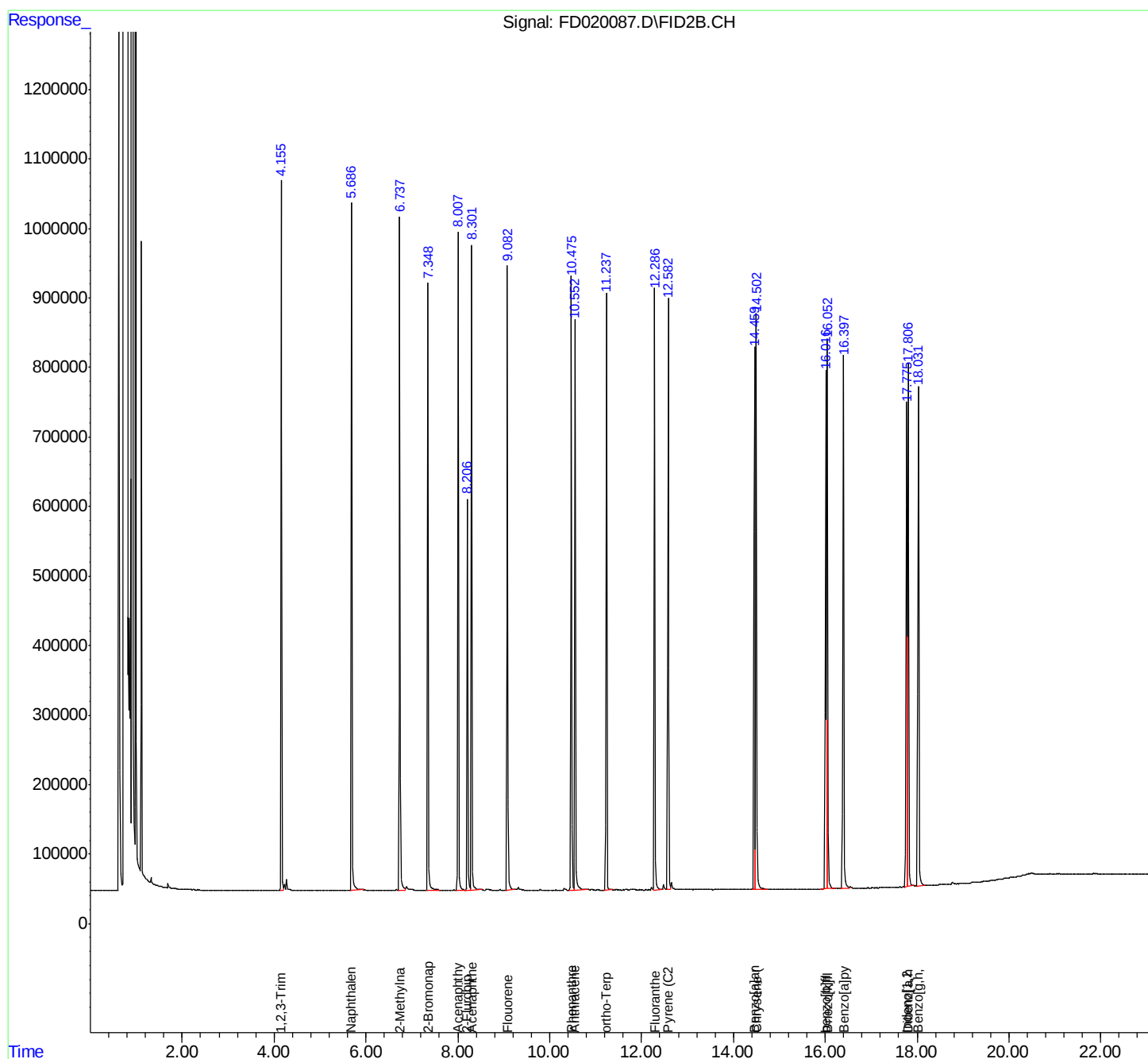
(f)=RT Delta > 1/2 Window

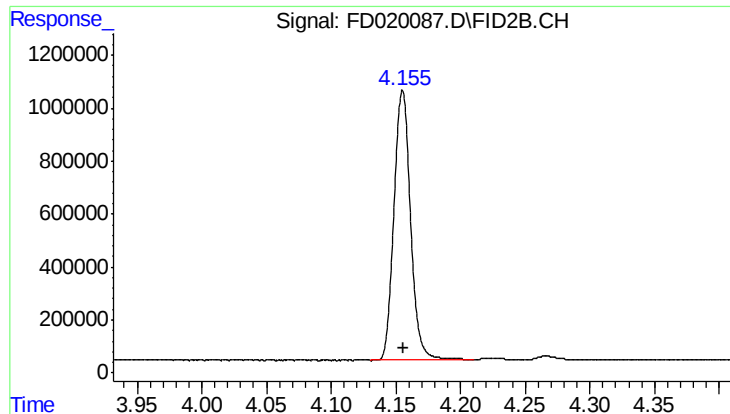
(m)=manual int.

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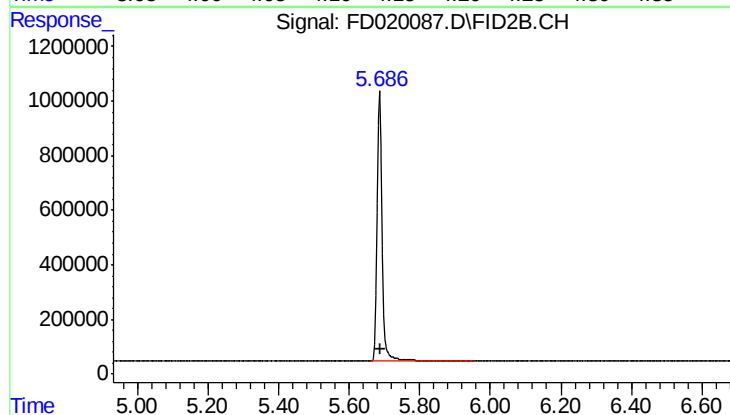
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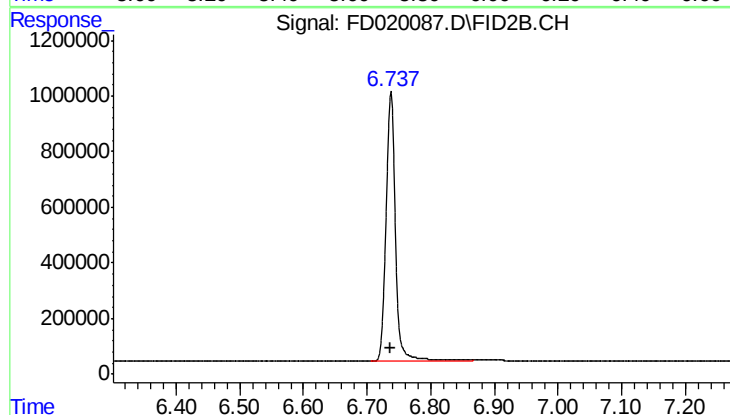
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.155 min
Delta R.T.: 0.000 min
Response: 9085227
Conc: 101.28 ug/ml



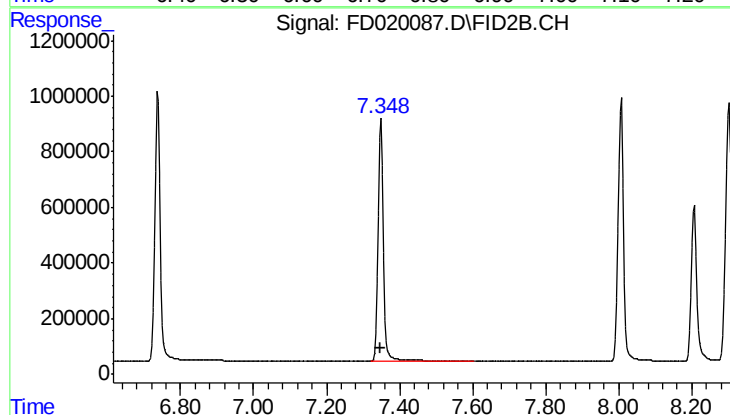
#2 Naphthalene (C11.7)

R.T.: 5.686 min
Delta R.T.: 0.000 min
Response: 9697265
Conc: 107.01 ug/ml



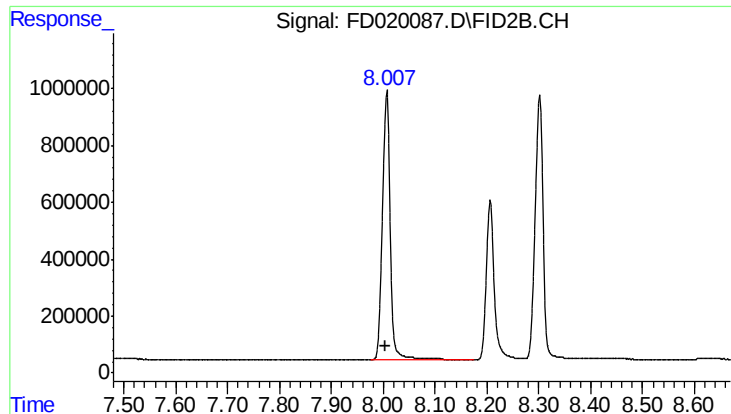
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.738 min
Delta R.T.: 0.000 min
Response: 9853047
Conc: 107.99 ug/ml



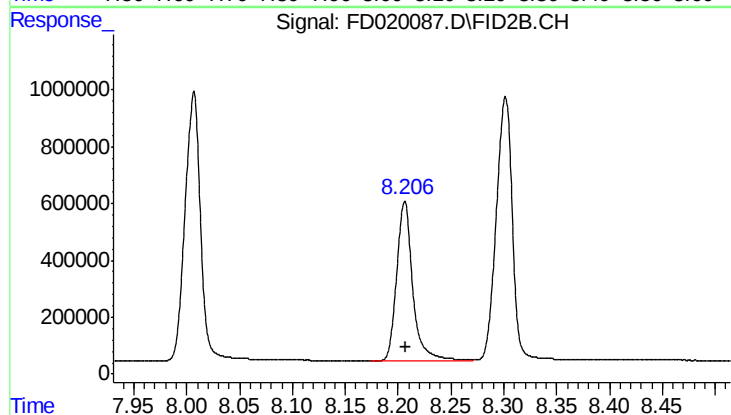
#4 2-Bromonaphthalene (SURR)

R.T.: 7.349 min
Delta R.T.: 0.000 min
Response: 8716360
Conc: 102.61 ug/ml



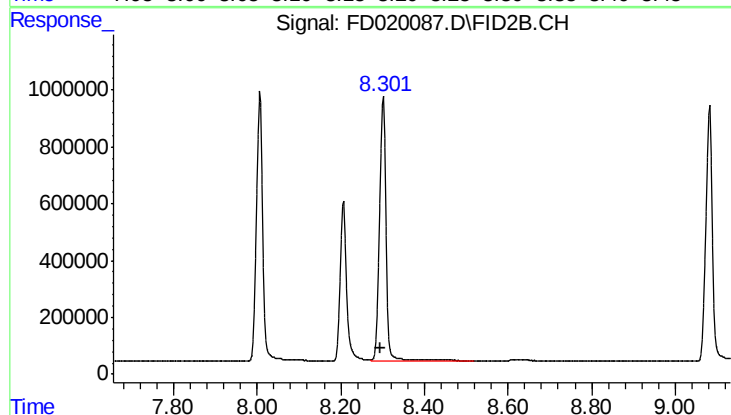
#5 Acenaphthylene (C15.06)

R.T.: 8.007 min
Delta R.T.: 0.003 min
Response: 9710751
Conc: 101.92 ug/ml



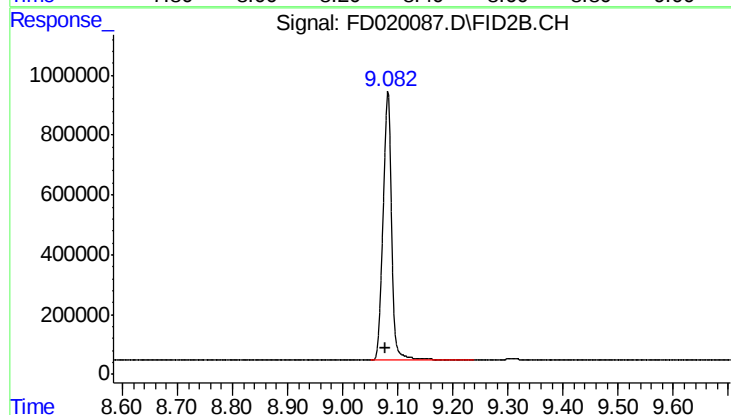
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.206 min
Delta R.T.: -0.002 min
Response: 5878935
Conc: 112.49 ug/ml



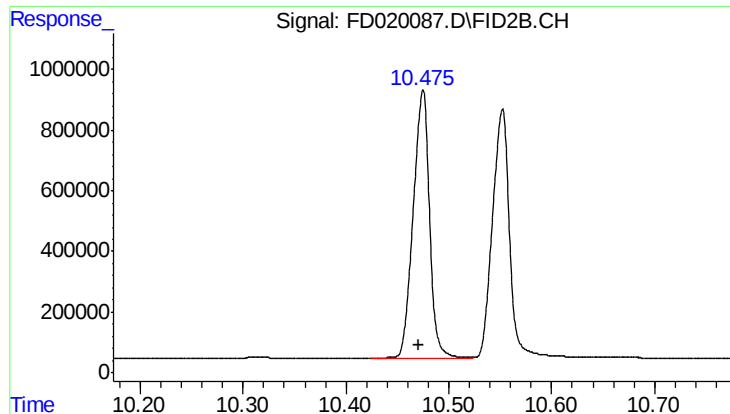
#7 Acenaphthene (C15.5)

R.T.: 8.302 min
Delta R.T.: 0.006 min
Response: 9956175
Conc: 98.16 ug/ml



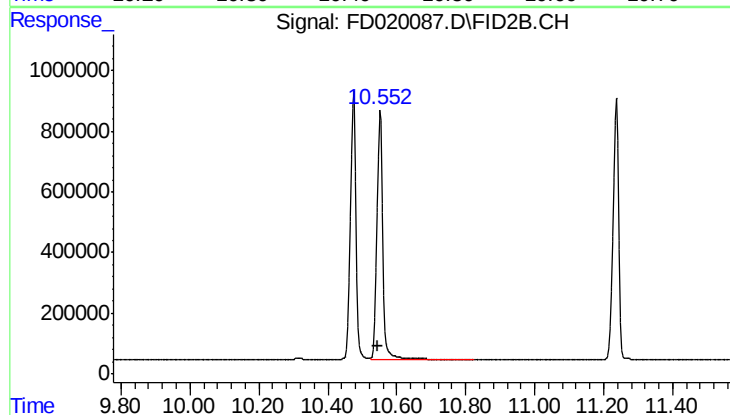
#8 Fluorene (C16.55)

R.T.: 9.082 min
Delta R.T.: 0.004 min
Response: 9677664
Conc: 102.65 ug/ml



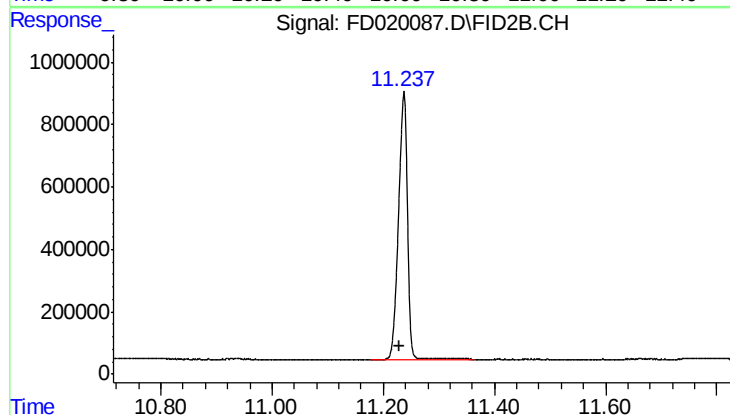
#9 Phenanthrene (C19.36)

R.T.: 10.475 min
Delta R.T.: 0.004 min
Response: 9776796
Conc: 104.51 ug/ml



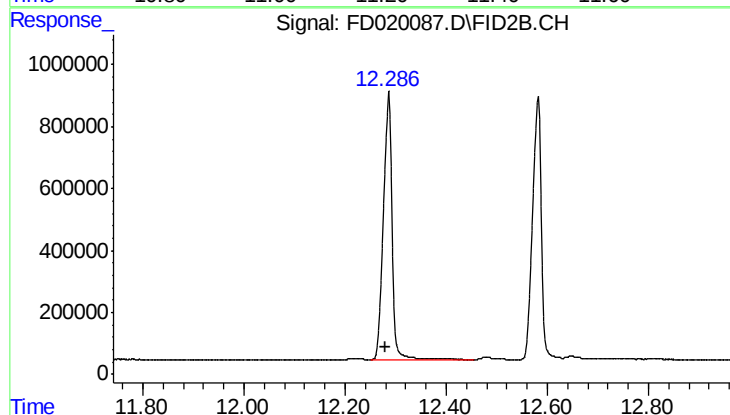
#10 Anthracene (C19.43)

R.T.: 10.552 min
Delta R.T.: 0.006 min
Response: 9677400
Conc: 101.52 ug/ml



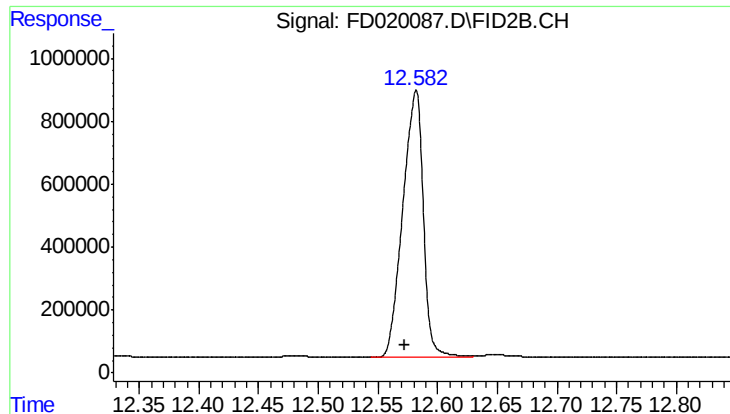
#11 ortho-Terphenyl (SURRE)

R.T.: 11.237 min
Delta R.T.: 0.007 min
Response: 9477419
Conc: 101.35 ug/ml



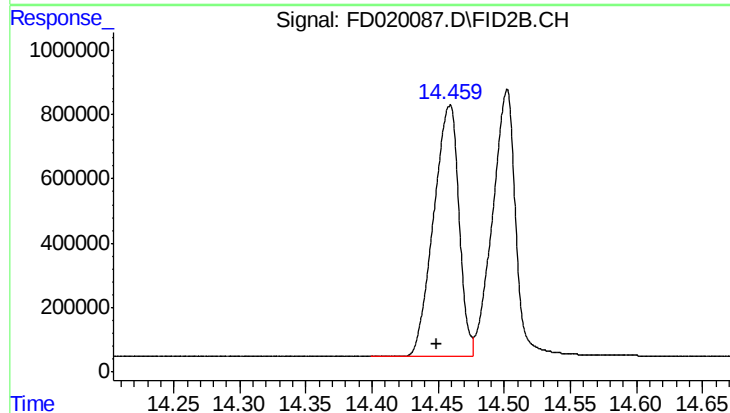
#12 Fluoranthene (C21.85)

R.T.: 12.287 min
Delta R.T.: 0.008 min
Response: 10155433
Conc: 101.04 ug/ml



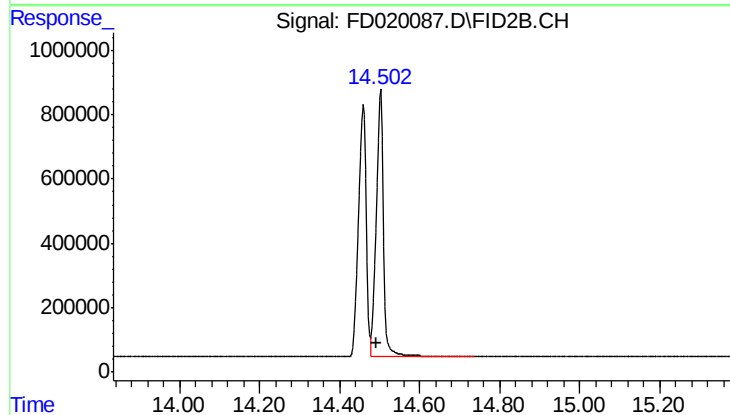
#13 Pyrene (C20.8)

R.T.: 12.582 min
Delta R.T.: 0.009 min
Response: 10212146
Conc: 101.71 ug/ml



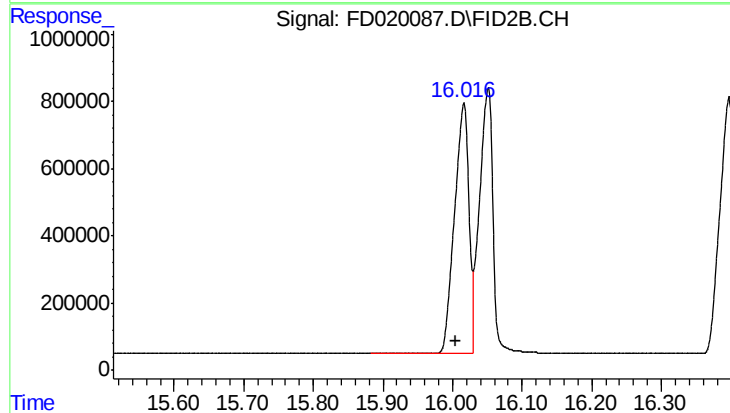
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.459 min
Delta R.T.: 0.010 min
Response: 10388992
Conc: 105.86 ug/ml



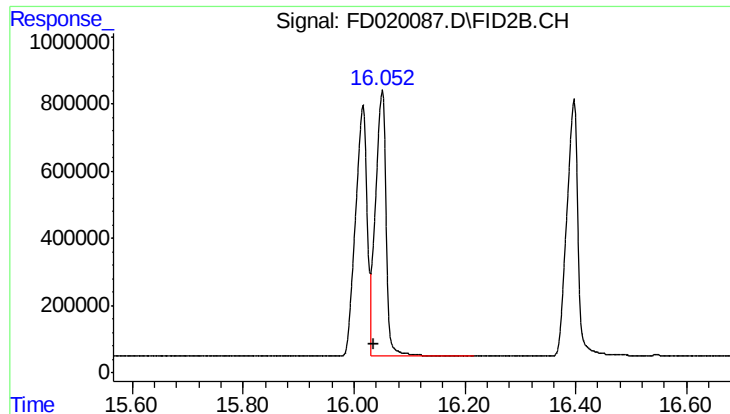
#15 Chrysene (C27.41)

R.T.: 14.502 min
Delta R.T.: 0.011 min
Response: 10274324
Conc: 96.53 ug/ml



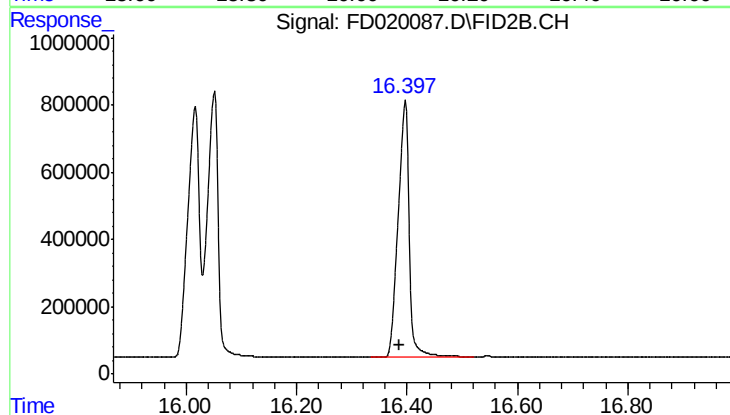
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.016 min
Delta R.T.: 0.012 min
Response: 10750957
Conc: 105.89 ug/ml



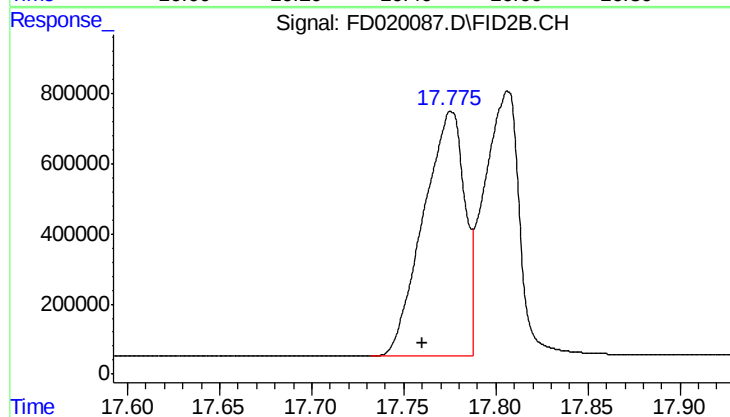
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.051 min
Delta R.T.: 0.016 min
Response: 10688912
Conc: 95.31 ug/ml



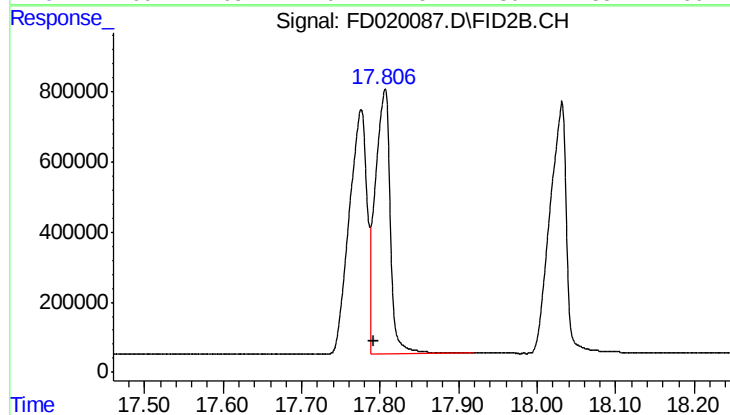
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.397 min
Delta R.T.: 0.011 min
Response: 10649524
Conc: 102.37 ug/ml



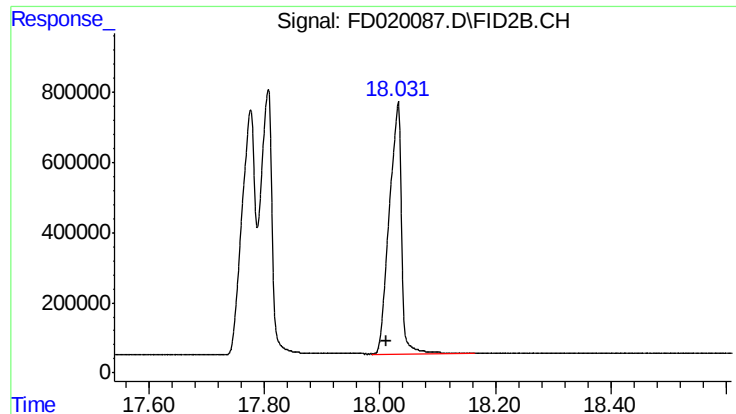
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.776 min
Delta R.T.: 0.015 min
Response: 10860762
Conc: 115.98 ug/ml



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

R.T.: 17.806 min
Delta R.T.: 0.014 min
Response: 10091537
Conc: 88.48 ug/ml



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

R.T.: 18.031 min
Delta R.T.: 0.021 min
Response: 10555482
Conc: 102.20 ug/ml