

Data Path : P:\HPCHEM1\FID D\Data\FD032918AR\
 Data File : FD022705.D
 Signal(s) : FID2B.CH
 Acq On : 29 Mar 2018 19:38
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 30 01:23:53 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 032018.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 21 07:06:57 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...	7.318	1789413	20.686 ug/ml
Spiked Amount 50.000		Recovery =	41.37%
6) S 2-Fluorobiphenyl (SURR)	8.179	1112601	21.062 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.12%
11) S ortho-Terphenyl (SURR)	11.197	2194245	20.643 ug/ml
Spiked Amount 50.000		Recovery =	41.29%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.126	1890322	19.409 ug/ml
2) T Naphthalene (C11.7)	5.658	1893315	20.388 ug/ml
3) T 2-Methylnaphthalene (...)	6.707	1881434	20.468 ug/ml
5) T Acenaphthylene (C15.06)	7.972	2075085	20.577 ug/ml
7) T Acenaphthene (C15.5)	8.264	2258726	20.554 ug/ml
8) T Fluorene (C16.55)	9.047	2099735	20.849 ug/ml
9) T Phenanthrene (C19.36)	10.440	2192211	20.830 ug/ml
10) T Anthracene (C19.43)	10.516	2211049	20.606 ug/ml
12) T Fluoranthene (C21.85)	12.249	2327094	20.530 ug/ml
13) T Pyrene (C20.8)	12.543	2308371	20.570 ug/ml
14) T Benzo[alanthracene (C...	14.421	2104738	20.381 ug/ml
15) T Chrysene (C27.41)	14.462	2341730	20.169 ug/ml
16) T benzo[blfluoranthene ...	15.978	2069072	19.913 ug/ml
17) T Bnezo[klfluoranthene ...	16.009	2496244	20.594 ug/ml
18) T Benzo[alpyrene (C31.34)	16.364	2106569	19.783 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.746	1047326	15.641 ug/mlm
20) T Dibenz[fa,h]anthracene...	17.772	2409648	19.828 ug/ml
21) T Benzo[fa,h,ilpervlene ...	17.999	1297063	15.729 ug/ml

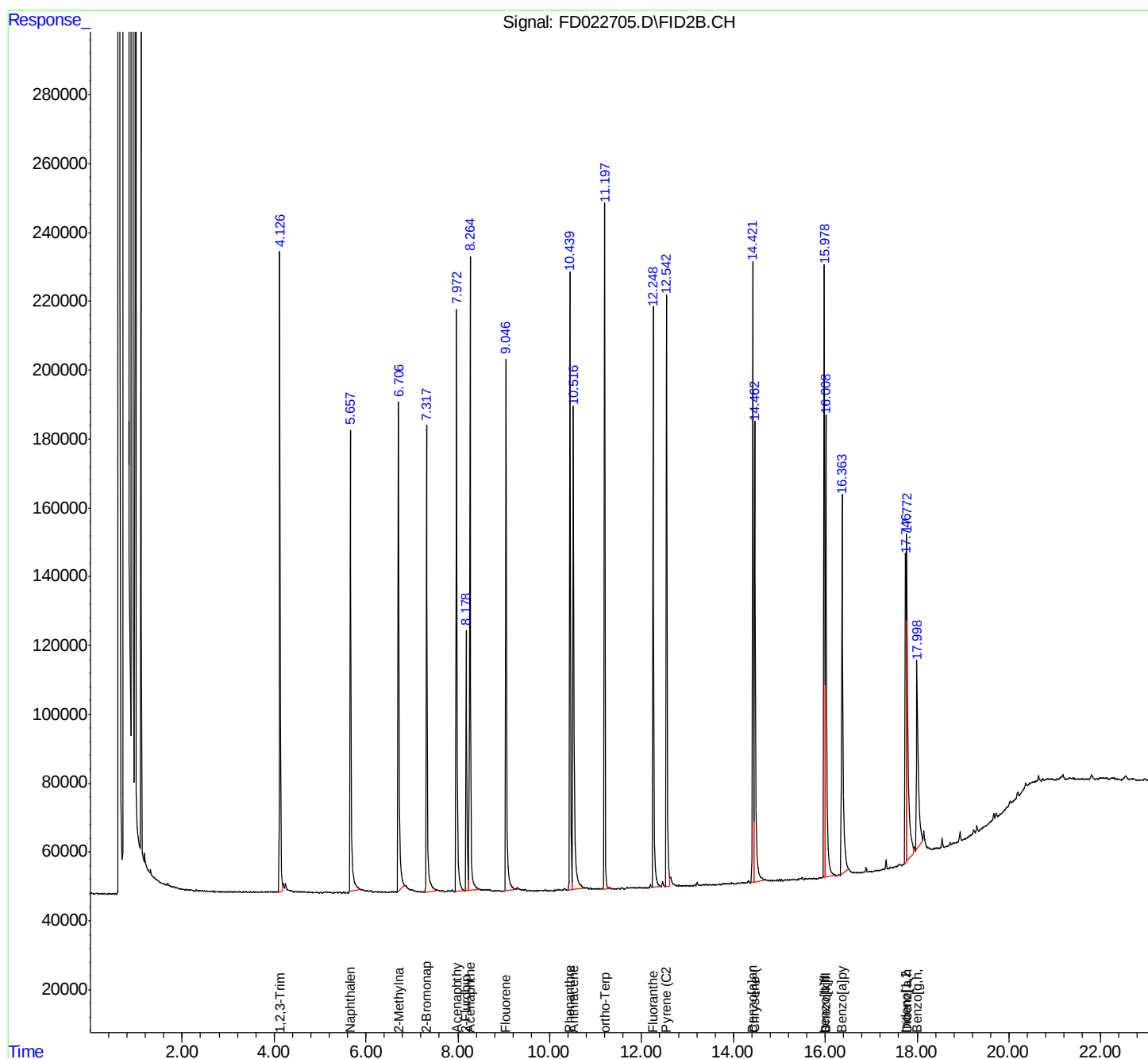
(f)=RT Delta > 1/2 Window

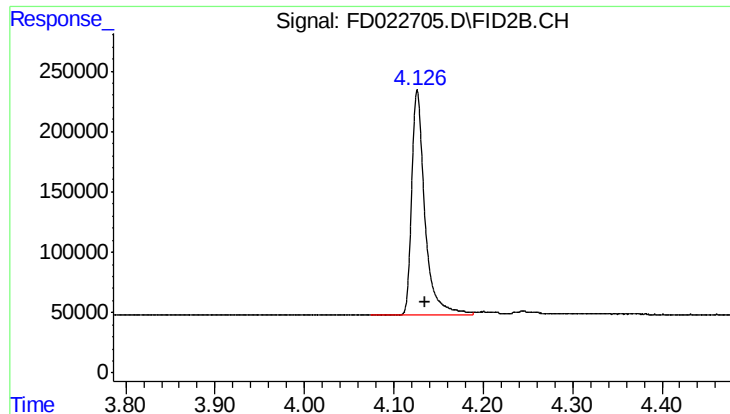
(m)=manual int.

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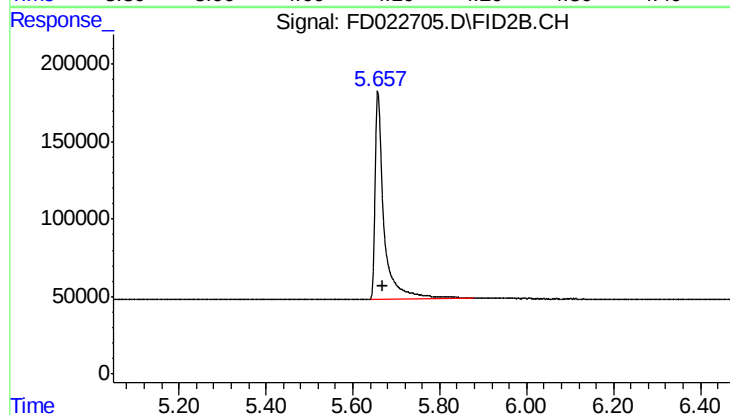
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Signal Info : 20M x 0.18mm x 0.18µm





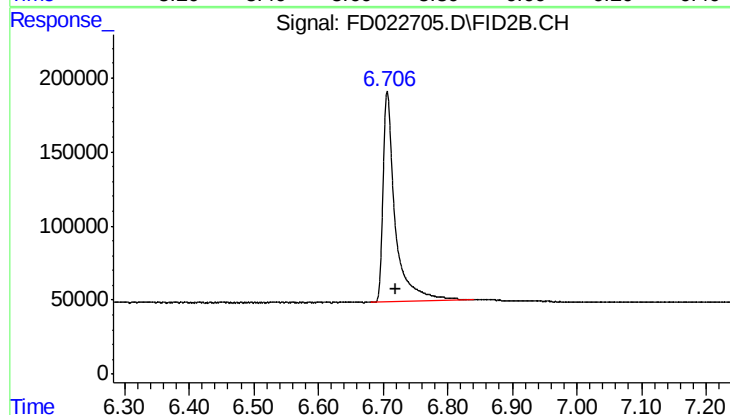
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.126 min
Delta R.T.: -0.008 min
Response: 1890322
Conc: 19.41 ug/ml



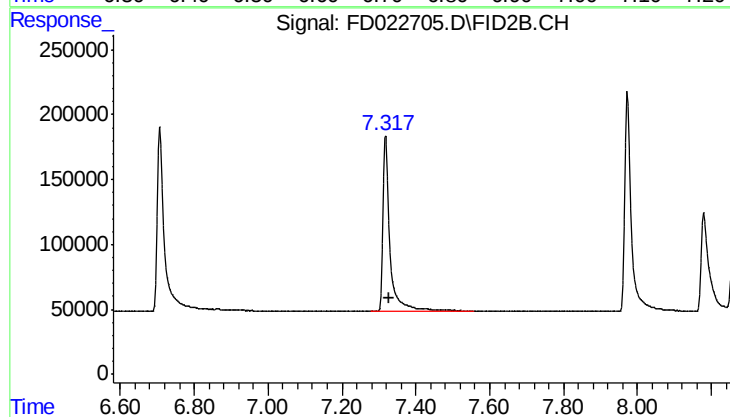
#2 Naphthalene (C11.7)

R.T.: 5.658 min
Delta R.T.: -0.013 min
Response: 1893315
Conc: 20.39 ug/ml



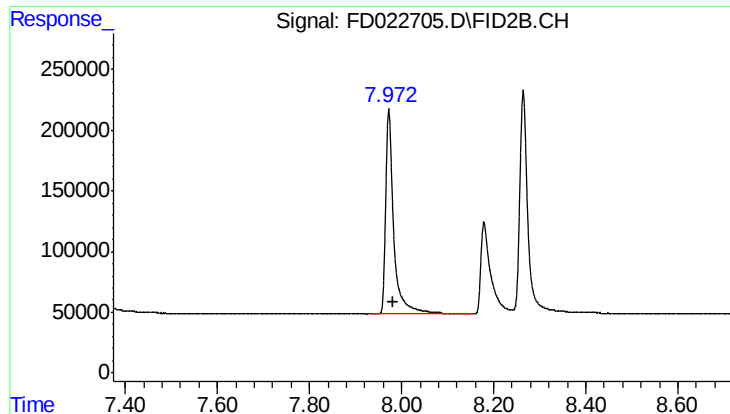
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.707 min
Delta R.T.: -0.013 min
Response: 1881434
Conc: 20.47 ug/ml



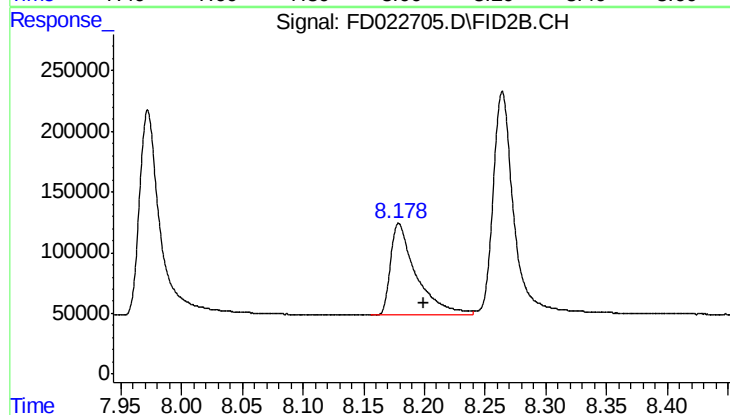
#4 2-Bromonaphthalene (SURR)

R.T.: 7.318 min
Delta R.T.: -0.012 min
Response: 1789413
Conc: 20.69 ug/ml



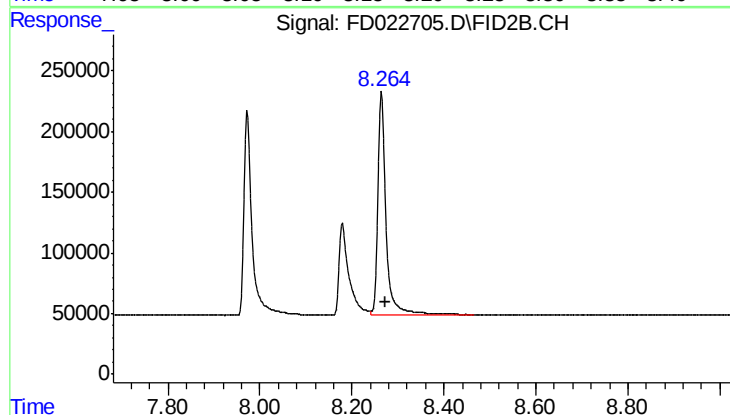
#5 Acenaphthylene (C15.06)

R.T.: 7.972 min
Delta R.T.: -0.010 min
Response: 2075085
Conc: 20.58 ug/ml



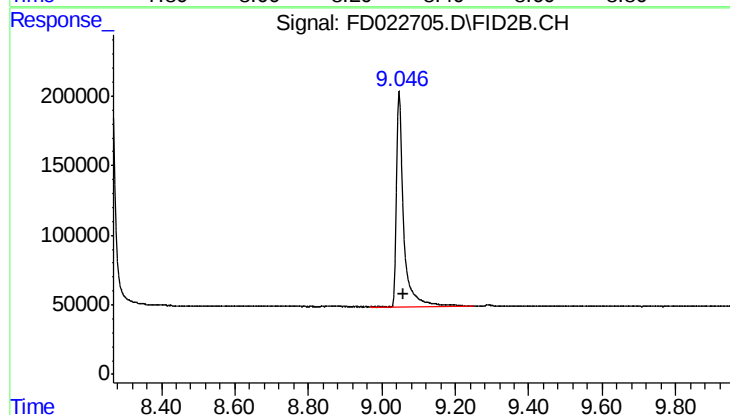
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.179 min
Delta R.T.: -0.020 min
Response: 1112601
Conc: 21.06 ug/ml



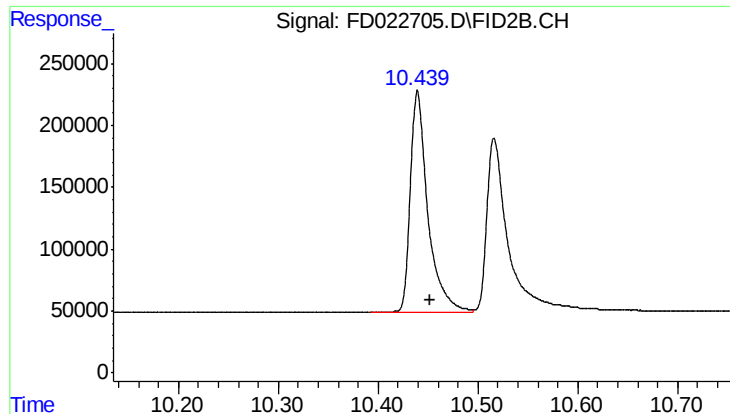
#7 Acenaphthene (C15.5)

R.T.: 8.264 min
Delta R.T.: -0.008 min
Response: 2258726
Conc: 20.55 ug/ml



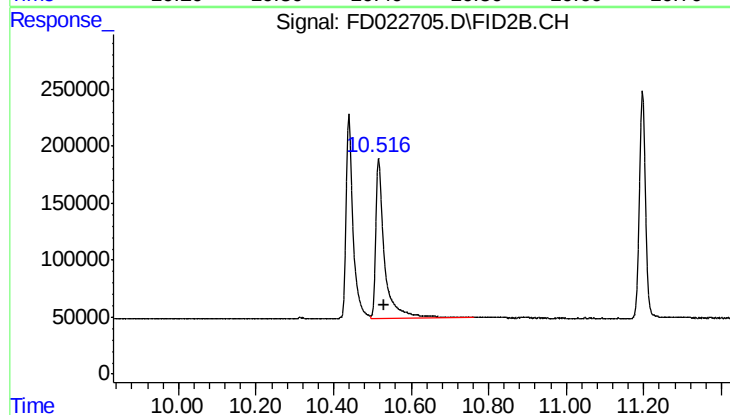
#8 Fluorene (C16.55)

R.T.: 9.047 min
Delta R.T.: -0.013 min
Response: 2099735
Conc: 20.85 ug/ml



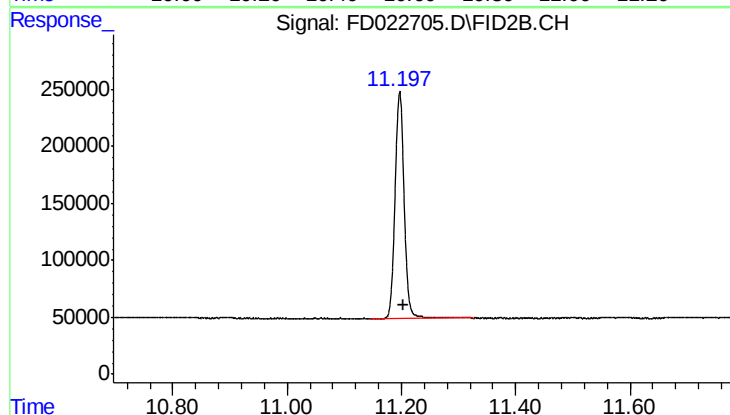
#9 Phenanthrene (C19.36)

R.T.: 10.440 min
Delta R.T.: -0.013 min
Response: 2192211
Conc: 20.83 ug/ml



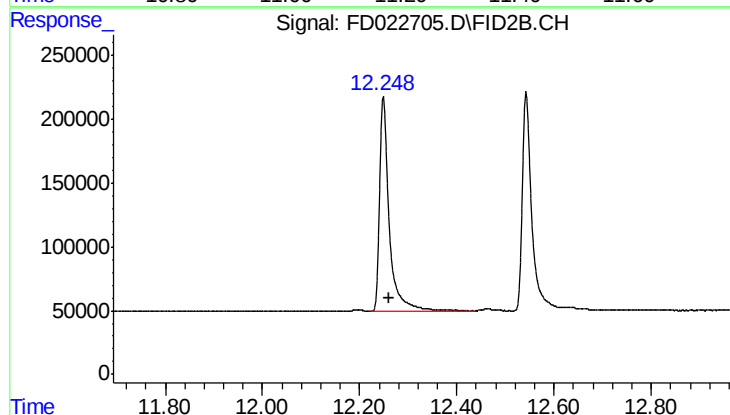
#10 Anthracene (C19.43)

R.T.: 10.516 min
Delta R.T.: -0.015 min
Response: 2211049
Conc: 20.61 ug/ml



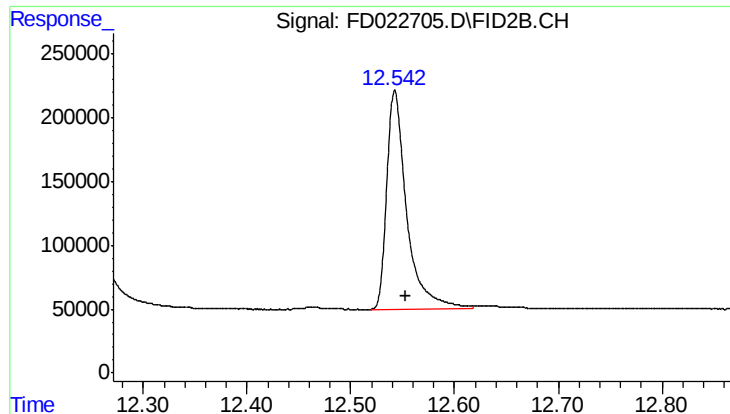
#11 ortho-Terphenyl (SURR)

R.T.: 11.197 min
Delta R.T.: -0.007 min
Response: 2194245
Conc: 20.64 ug/ml



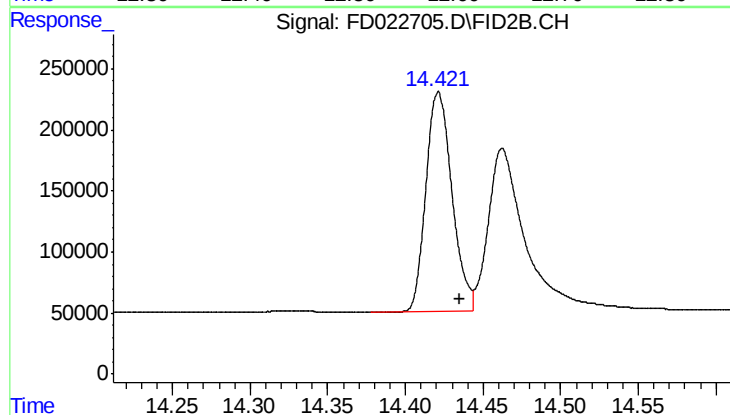
#12 Fluoranthene (C21.85)

R.T.: 12.249 min
Delta R.T.: -0.012 min
Response: 2327094
Conc: 20.53 ug/ml



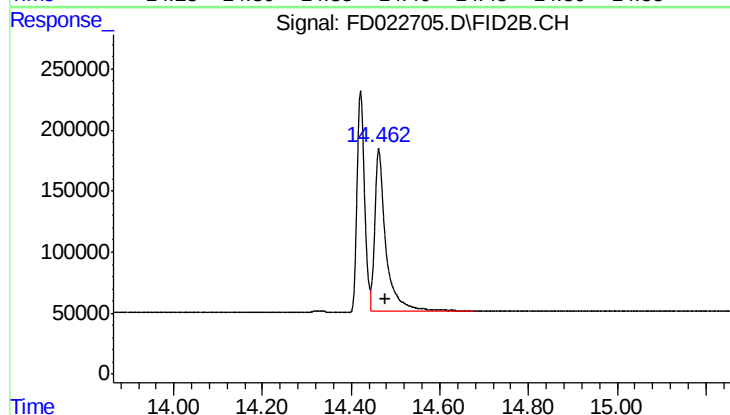
#13 Pyrene (C20.8)

R.T.: 12.543 min
Delta R.T.: -0.011 min
Response: 2308371
Conc: 20.57 ug/ml



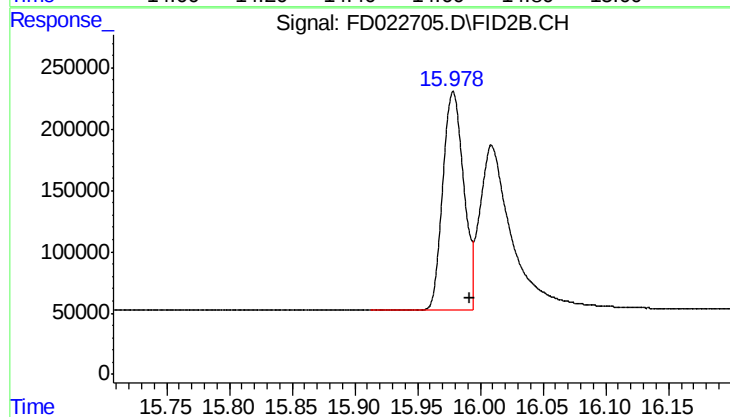
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.421 min
Delta R.T.: -0.014 min
Response: 2104738
Conc: 20.38 ug/ml



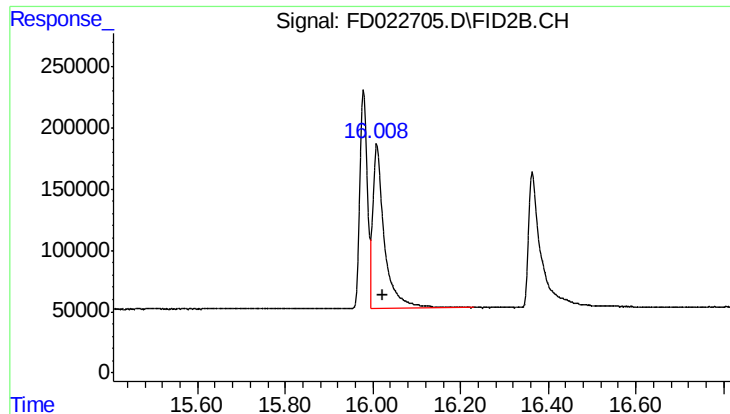
#15 Chrysene (C27.41)

R.T.: 14.462 min
Delta R.T.: -0.015 min
Response: 2341730
Conc: 20.17 ug/ml



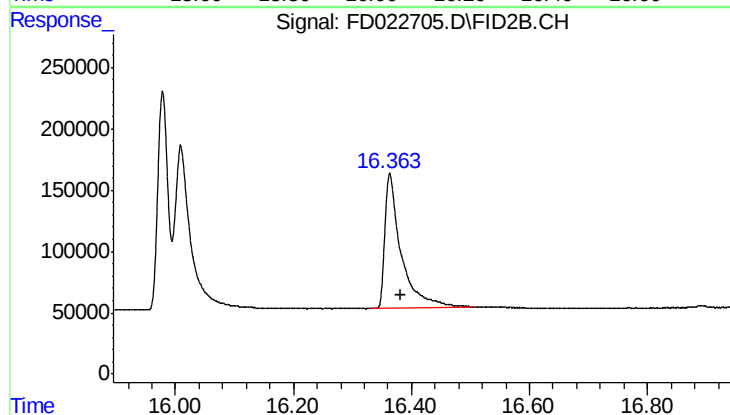
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.978 min
Delta R.T.: -0.014 min
Response: 2069072
Conc: 19.91 ug/ml



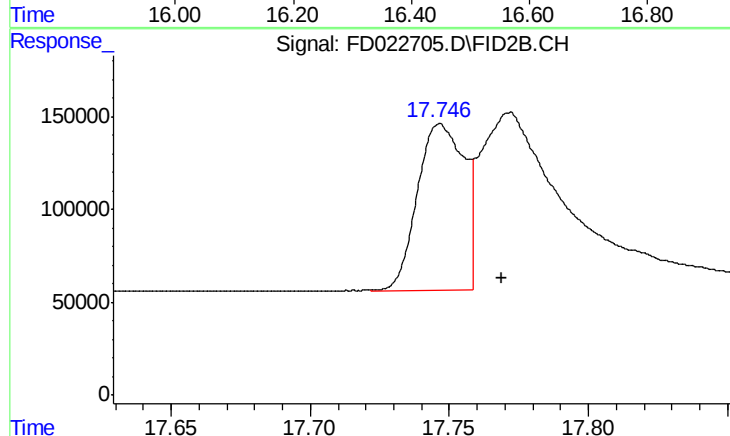
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.009 min
Delta R.T.: -0.014 min
Response: 2496244
Conc: 20.59 ug/ml



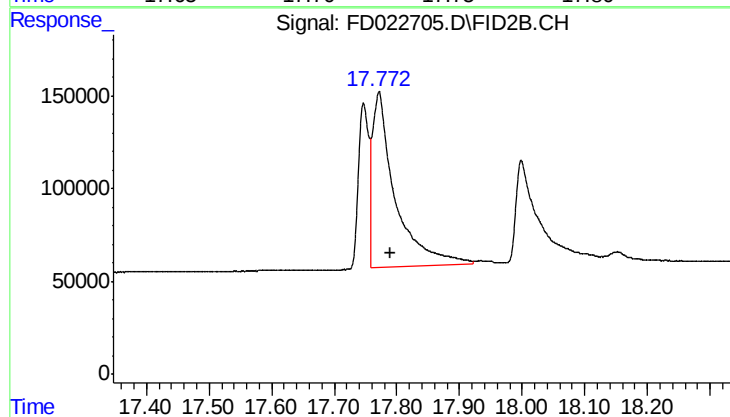
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.364 min
Delta R.T.: -0.019 min
Response: 2106569
Conc: 19.78 ug/ml



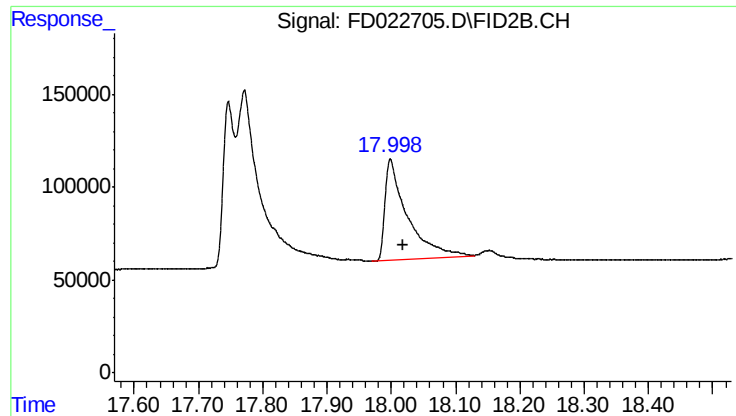
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.746 min
Delta R.T.: -0.023 min
Response: 1047326
Conc: 15.64 ug/ml m



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

R.T.: 17.772 min
Delta R.T.: -0.017 min
Response: 2409648
Conc: 19.83 ug/ml



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

R.T.: 17.999 min
Delta R.T.: -0.020 min
Response: 1297063
Conc: 15.73 ug/ml