

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080719AR\
 Data File : FD029966.D
 Signal(s) : FID2B.CH
 Acq On : 07 Aug 2019 16:34
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 08 00:54:25 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071019.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 10 13:31:52 2019
 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...	7.673	3132300	19.794 ug/ml
Spiked Amount 50.000		Recovery =	39.59%
6) S 2-Fluorobiphenyl (SURR)	8.536	2049576	19.080 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.16%
11) S ortho-Terphenyl (SURR)	11.572	3131362	18.451 ug/ml
Spiked Amount 50.000		Recovery =	36.90%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.474	3568016	21.104 ug/mlm
2) T Naphthalene (C11.7)	6.013	3633375	20.302 ug/ml
3) T 2-Methylnaphthalene (...)	7.065	3516595	19.934 ug/ml
5) T Acenaphthylene (C15.06)	8.340	3249427	19.194 ug/ml
7) T Acenaphthene (C15.5)	8.635	3393406	19.258 ug/ml
8) T Flouorene (C16.55)	9.414	3297111	18.869 ug/ml
9) T Phenanthrene (C19.36)	10.809	3138454	18.098 ug/ml
10) T Anthracene (C19.43)	10.884	3021337	17.869 ug/ml
12) T Fluoranthene (C21.85)	12.617	2945910	17.203 ug/ml
13) T Pyrene (C20.8)	12.914	2899676	17.046 ug/ml
14) T Benzo[a]anthracene (C...	14.779	2695376	17.290 ug/mlm
15) T Chrysene (C27.41)	14.822	2733162	17.536 ug/ml
16) T benzo[b]fluoranthene ...	16.326	2742600	18.782 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.360	2725049	18.842 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.705	2724706	19.431 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.066	2732449	21.448 ug/ml
20) T Dibenz[a,h]anthracene...	18.105	2736666	21.883 ug/ml
21) T Benzo[g,h,i]perylene ...	18.322	2746265	22.016 ug/ml

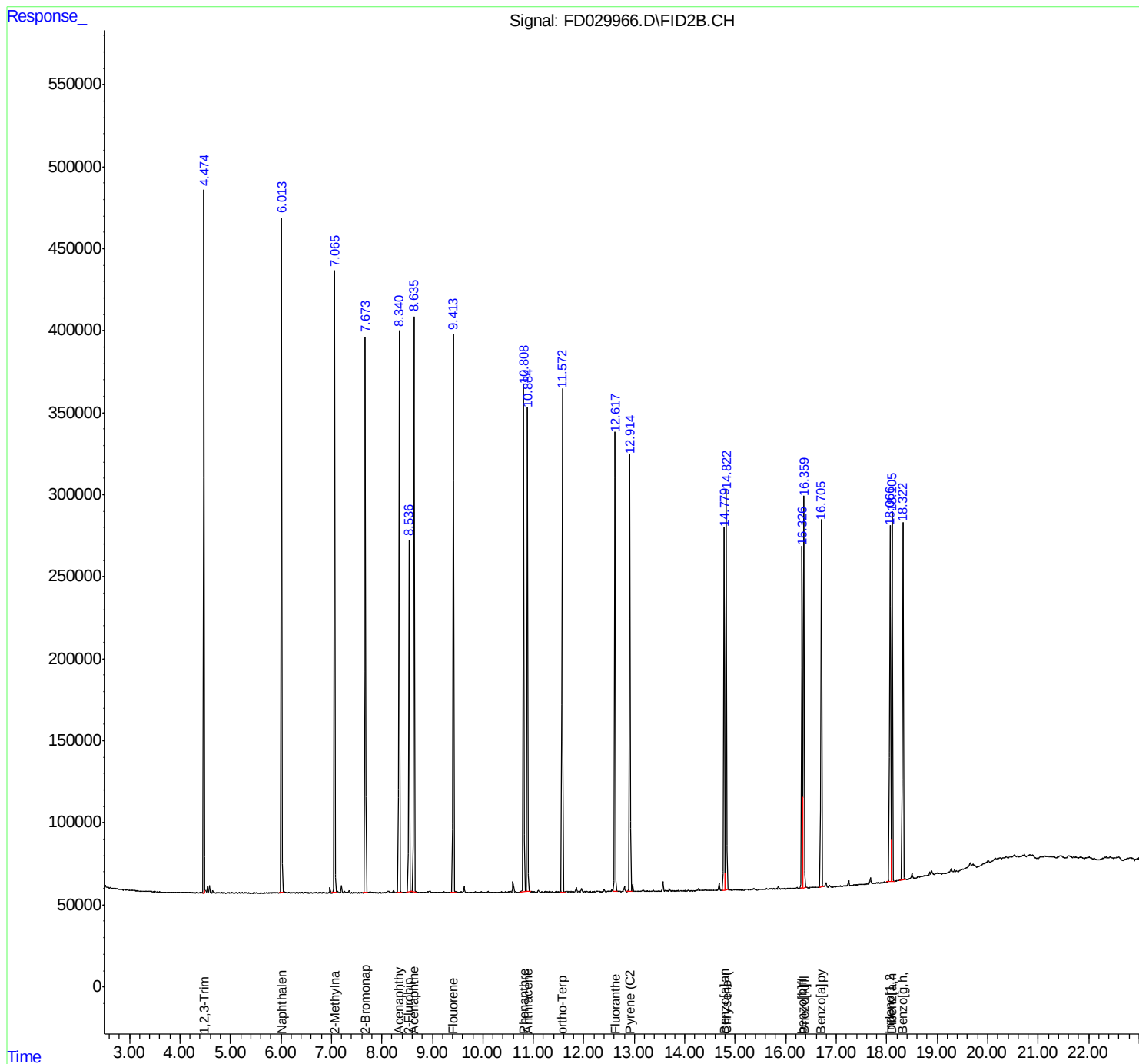
(f)=RT Delta > 1/2 Window

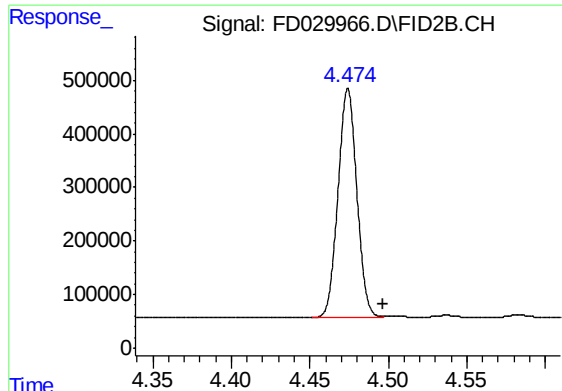
(m)=manual int.

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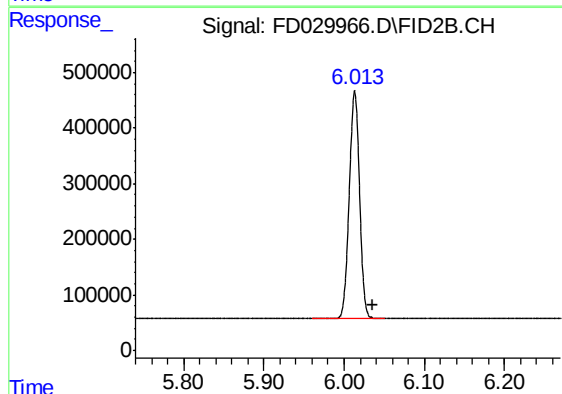
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





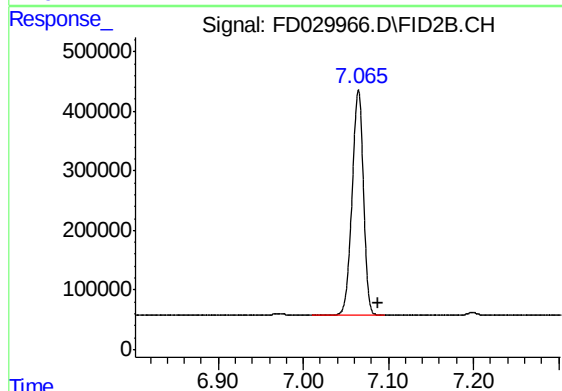
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.474 min
Delta R.T.: -0.023 min
Response: 3568016
Conc: 21.10 ug/ml m



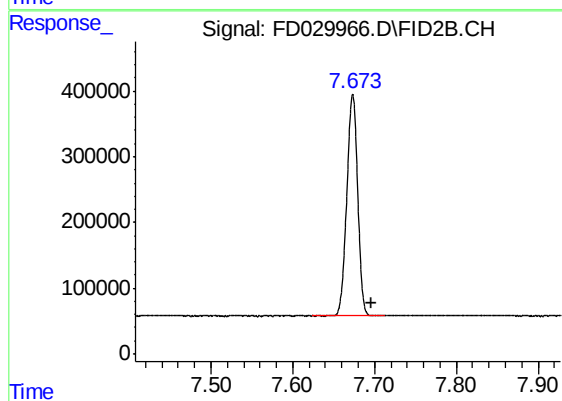
#2 Naphthalene (C11.7)

R.T.: 6.013 min
Delta R.T.: -0.023 min
Response: 3633375
Conc: 20.30 ug/ml



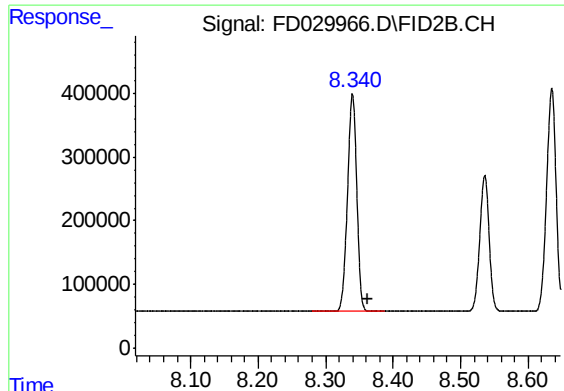
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.065 min
Delta R.T.: -0.022 min
Response: 3516595
Conc: 19.93 ug/ml



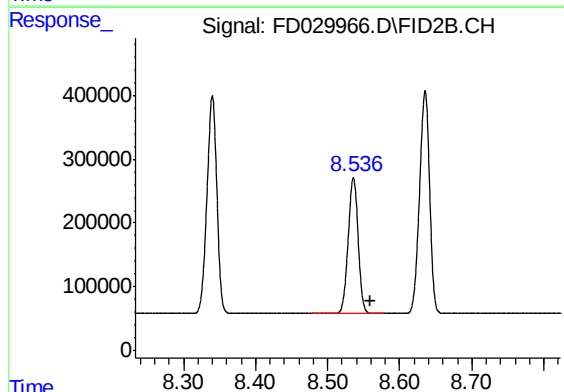
#4 2-Bromonaphthalene (SURR)

R.T.: 7.673 min
Delta R.T.: -0.022 min
Response: 3132300
Conc: 19.79 ug/ml



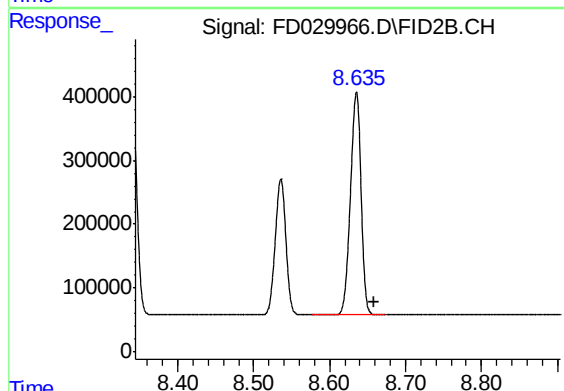
#5 Acenaphthylene (C15.06)

R.T.: 8.340 min
Delta R.T.: -0.023 min
Response: 3249427
Conc: 19.19 ug/ml



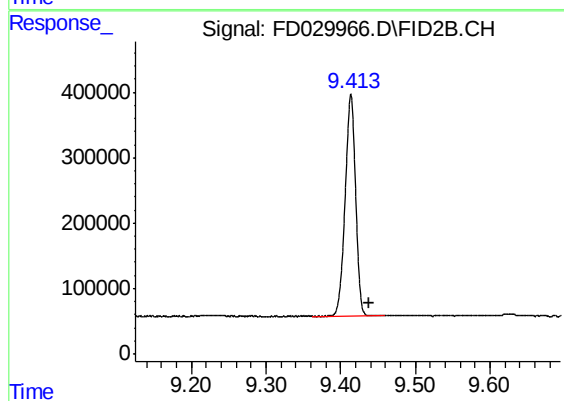
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.536 min
Delta R.T.: -0.022 min
Response: 2049576
Conc: 19.08 ug/ml



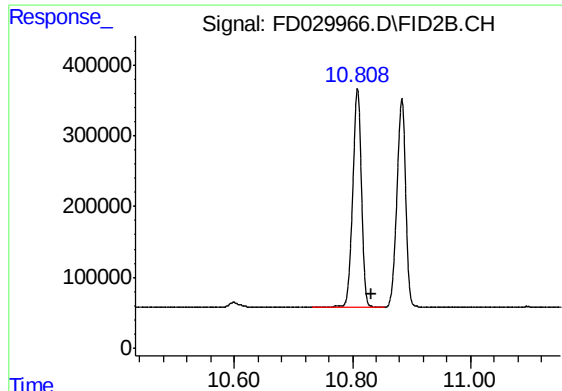
#7 Acenaphthene (C15.5)

R.T.: 8.635 min
Delta R.T.: -0.023 min
Response: 3393406
Conc: 19.26 ug/ml



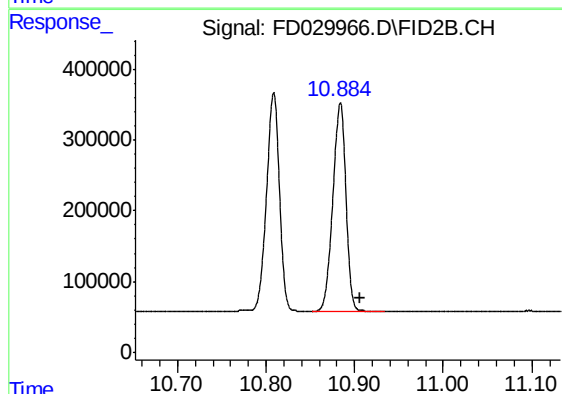
#8 Flouorene (C16.55)

R.T.: 9.414 min
Delta R.T.: -0.024 min
Response: 3297111
Conc: 18.87 ug/ml



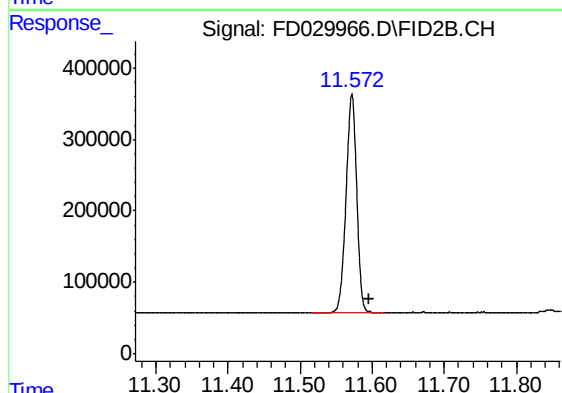
#9 Phenanthrene (C19.36)

R.T.: 10.809 min
Delta R.T.: -0.023 min
Response: 3138454
Conc: 18.10 ug/ml



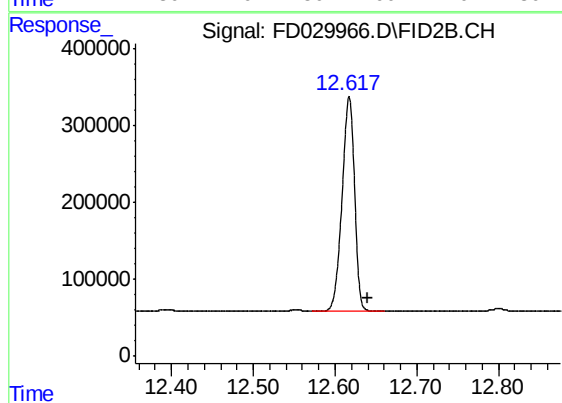
#10 Anthracene (C19.43)

R.T.: 10.884 min
Delta R.T.: -0.022 min
Response: 3021337
Conc: 17.87 ug/ml



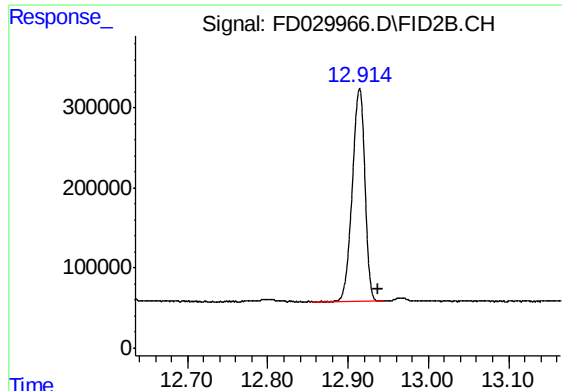
#11 ortho-Terphenyl (SURR)

R.T.: 11.572 min
Delta R.T.: -0.023 min
Response: 3131362
Conc: 18.45 ug/ml



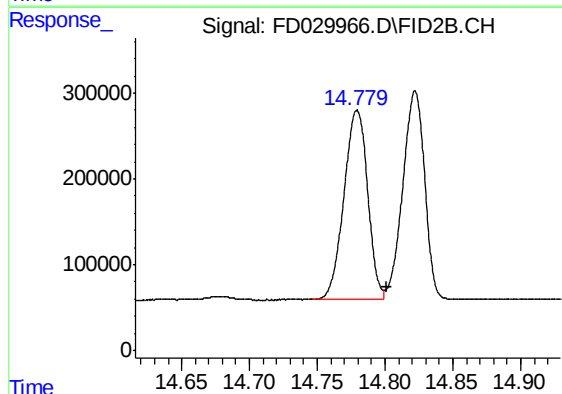
#12 Fluoranthene (C21.85)

R.T.: 12.617 min
Delta R.T.: -0.023 min
Response: 2945910
Conc: 17.20 ug/ml



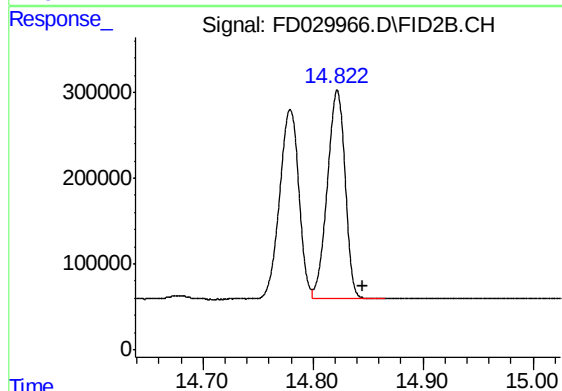
#13 Pyrene (C20.8)

R.T.: 12.914 min
Delta R.T.: -0.023 min
Response: 2899676
Conc: 17.05 ug/ml



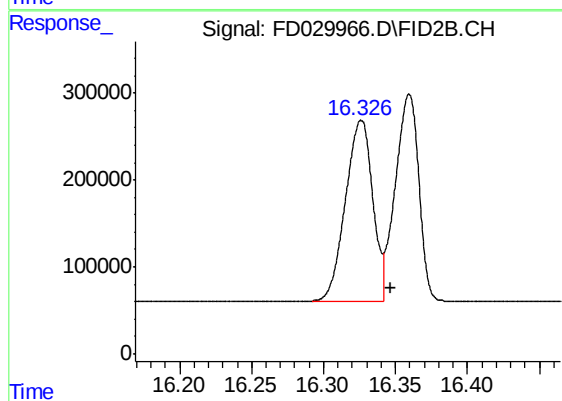
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.779 min
Delta R.T.: -0.023 min
Response: 2695376
Conc: 17.29 ug/ml m



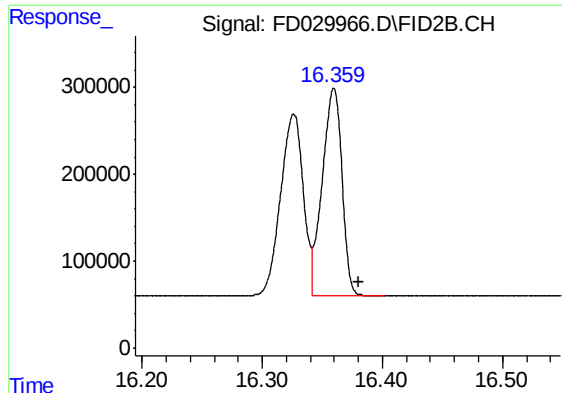
#15 Chrysene (C27.41)

R.T.: 14.822 min
Delta R.T.: -0.023 min
Response: 2733162
Conc: 17.54 ug/ml



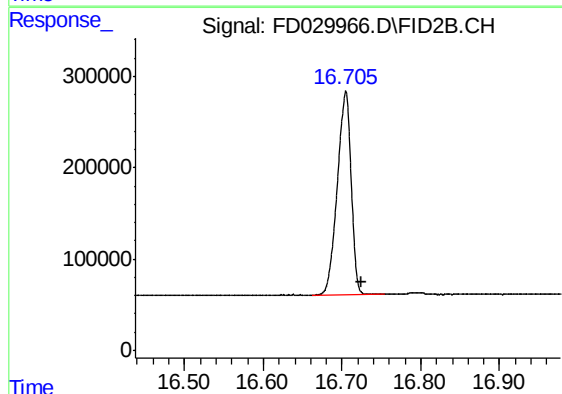
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.326 min
Delta R.T.: -0.021 min
Response: 2742600
Conc: 18.78 ug/ml m



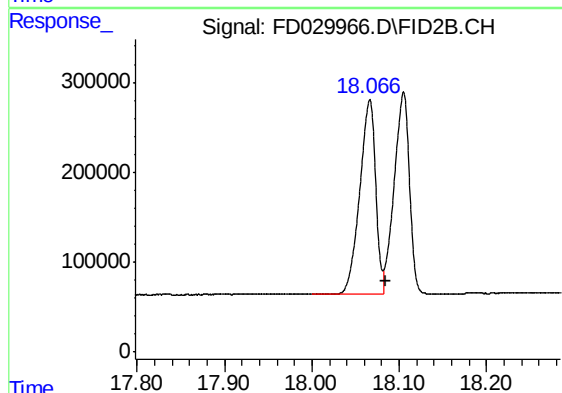
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.360 min
Delta R.T.: -0.020 min
Response: 2725049
Conc: 18.84 ug/ml



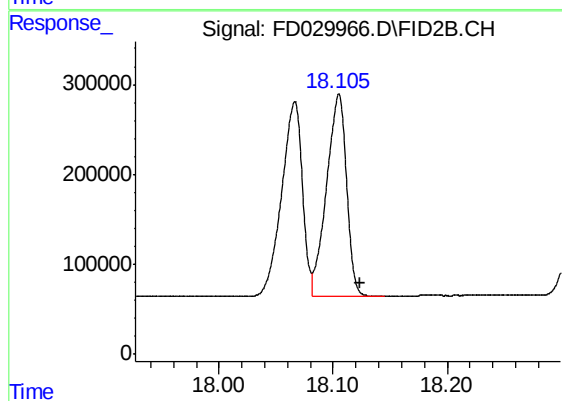
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.705 min
Delta R.T.: -0.020 min
Response: 2724706
Conc: 19.43 ug/ml



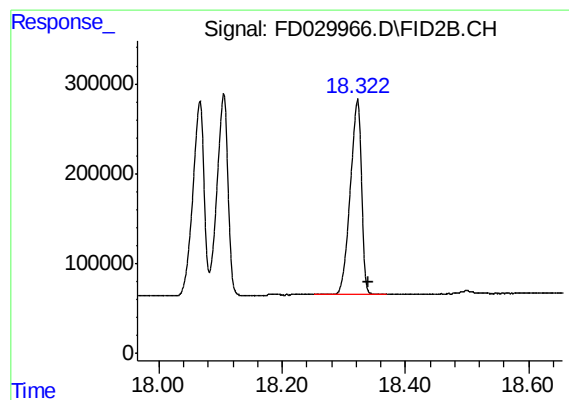
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.066 min
Delta R.T.: -0.018 min
Response: 2732449
Conc: 21.45 ug/ml



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

R.T.: 18.105 min
Delta R.T.: -0.018 min
Response: 2736666
Conc: 21.88 ug/ml



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

R.T.: 18.322 min
Delta R.T.: -0.017 min
Response: 2746265
Conc: 22.02 ug/ml