

Data Path : P:\HPCHEM1\FID_D\Data\FD020718AR\
 Data File : FD019909.D
 Signal(s) : FID2B.CH
 Acq On : 07 Feb 2018 20:50
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Feb 08 06:10:24 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...	7.363	1837800	22.713 ug/ml
Spiked Amount 50.000		Recovery =	45.43%
6) S 2-Fluorobiphenyl (SURR)	8.227	1115583	20.396 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.79%
11) S ortho-Terphenyl (SURR)	11.245	2063997	20.863 ug/ml
Spiked Amount 50.000		Recovery =	41.73%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.166	1850545	20.904 ug/mlm
2) T Naphthalene (C11.7)	5.702	1880193	21.052 ug/ml
3) T 2-Methylnaphthalene (...)	6.752	1967238	21.428 ug/ml
5) T Acenaphthylene (C15.06)	8.019	2129536	22.459 ug/ml
7) T Acenaphthene (C15.5)	8.310	2242710	22.990 ug/ml
8) T Flouorene (C16.55)	9.095	2057319	21.649 ug/ml
9) T Phenanthrene (C19.36)	10.486	2110020	21.224 ug/mlm
10) T Anthracene (C19.43)	10.565	1971965	20.278 ug/ml
12) T Fluoranthene (C21.85)	12.297	2060570	19.437 ug/ml
13) T Pyrene (C20.8)	12.590	1987320	18.761 ug/ml
14) T Benzo[a]anthracene (C...	14.466	1899364	18.148 ug/ml
15) T Chrysene (C27.41)	14.509	2127718	19.687 ug/ml
16) T benzo[b]fluoranthene ...	16.019	2182022	20.281 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.052	2457939	21.700 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.402	2042490	18.738 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	17.775	2113049	21.360 ug/mlm
20) T Dibenz[a,h]anthracene...	17.807	2441548	21.302 ug/ml
21) T Benzo[g,h,i]perylene ...	18.026	2178993	20.880 ug/ml

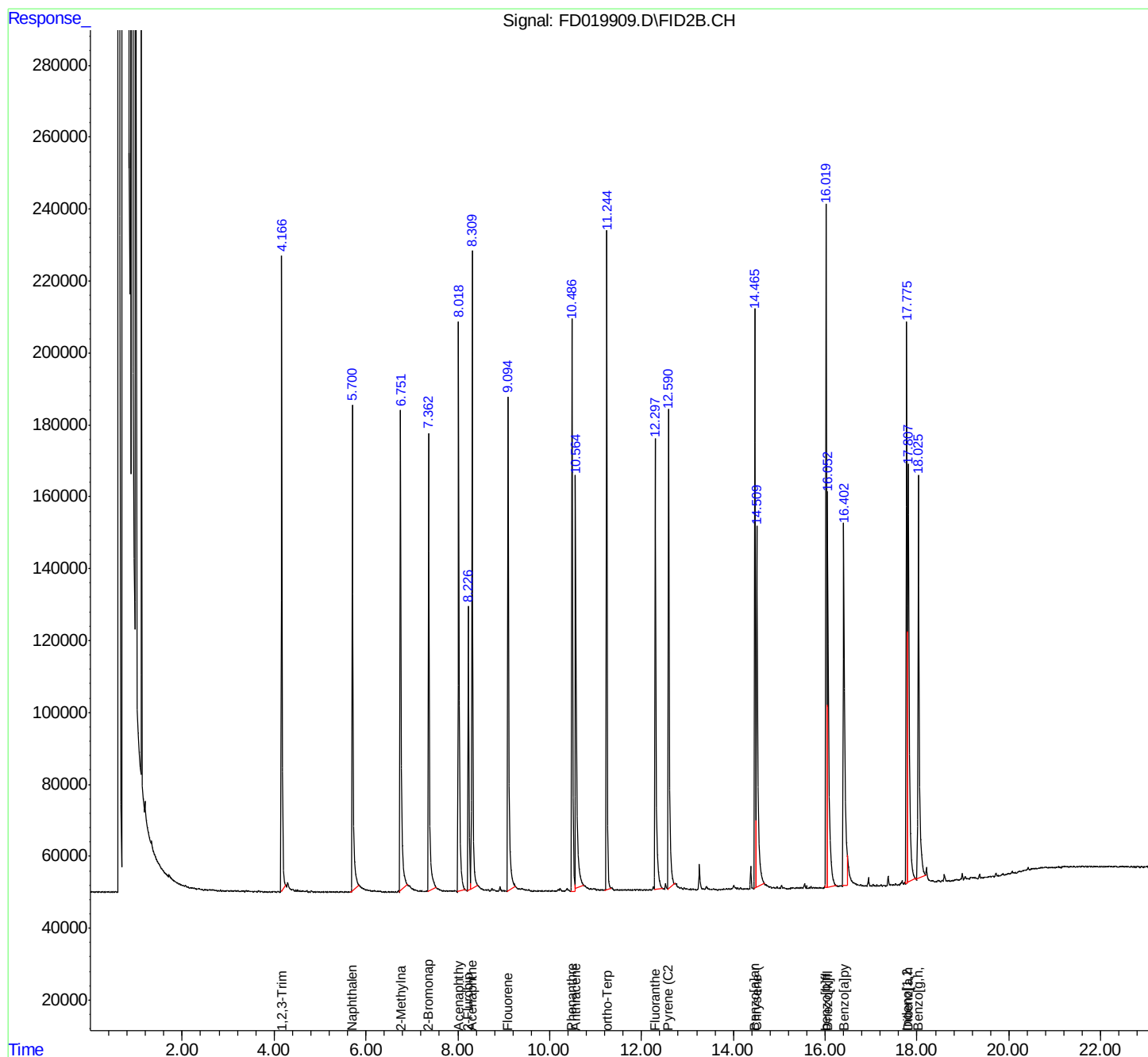
(f)=RT Delta > 1/2 Window

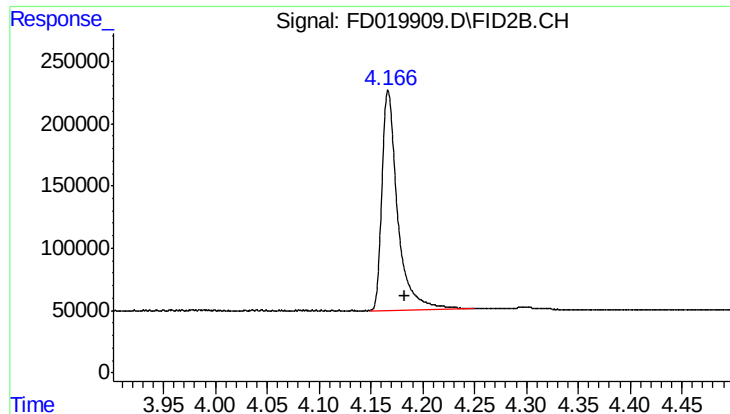
(m)=manual int.

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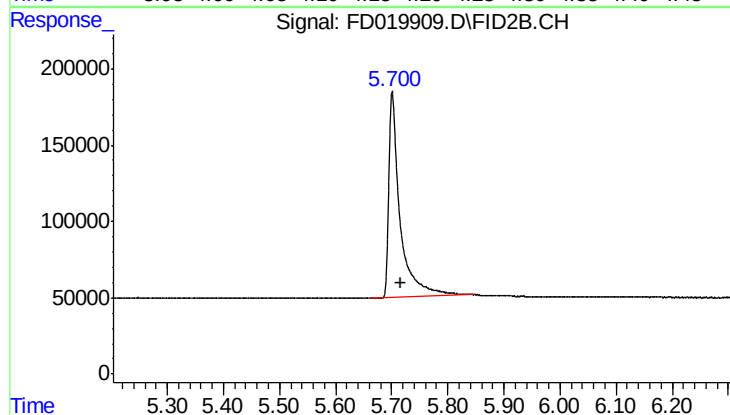
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Signal Info : 20M x 0.18mm x 0.18µm





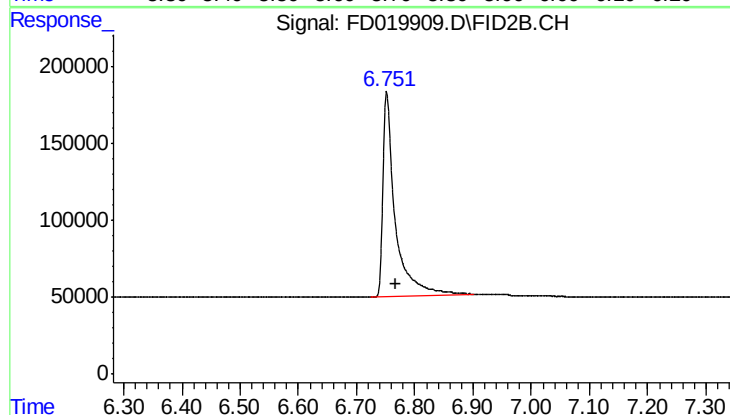
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.166 min
Delta R.T.: -0.016 min
Response: 1850545
Conc: 20.90 ug/ml m



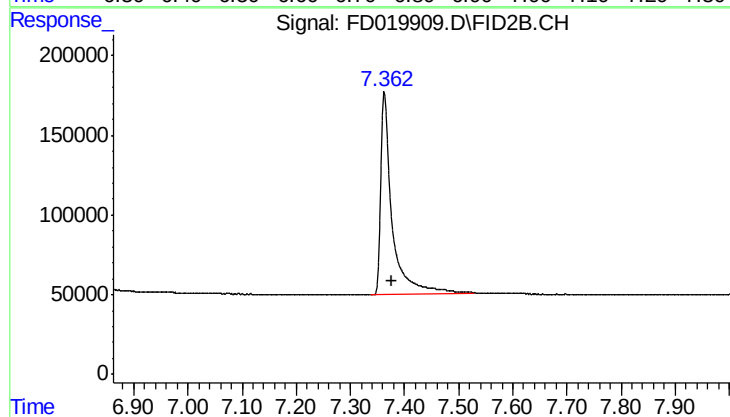
#2 Naphthalene (C11.7)

R.T.: 5.702 min
Delta R.T.: -0.016 min
Response: 1880193
Conc: 21.05 ug/ml



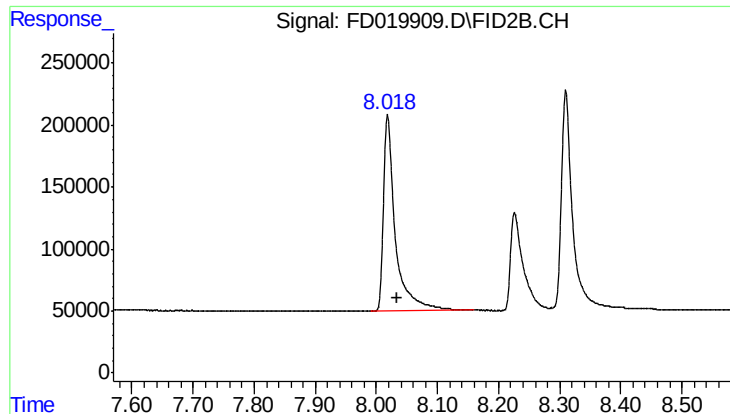
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.752 min
Delta R.T.: -0.014 min
Response: 1967238
Conc: 21.43 ug/ml



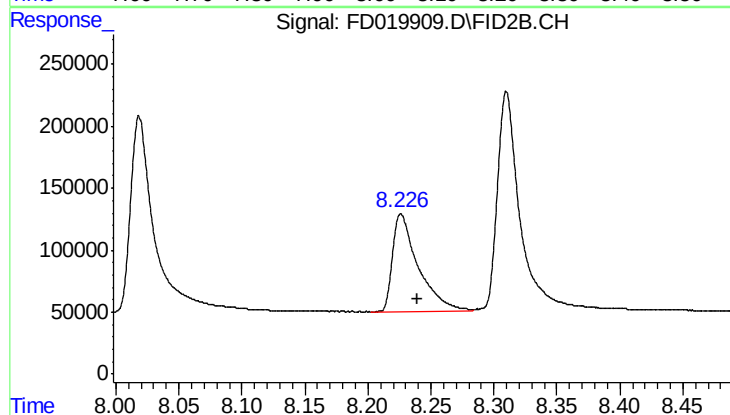
#4 2-Bromonaphthalene (SURR)

R.T.: 7.363 min
Delta R.T.: -0.014 min
Response: 1837800
Conc: 22.71 ug/ml



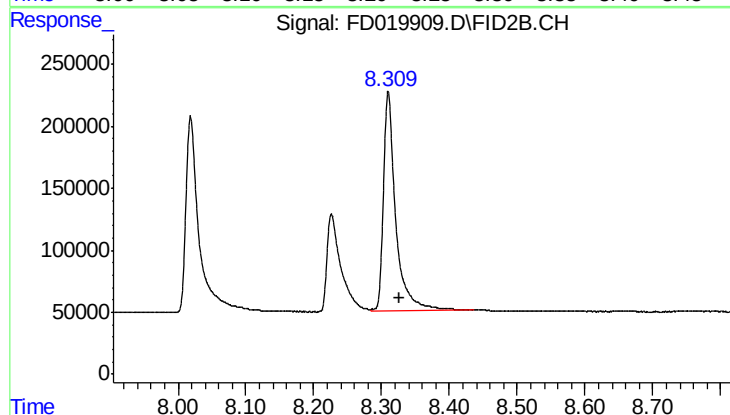
#5 Acenaphthylene (C15.06)

R.T.: 8.019 min
Delta R.T.: -0.015 min
Response: 2129536
Conc: 22.46 ug/ml



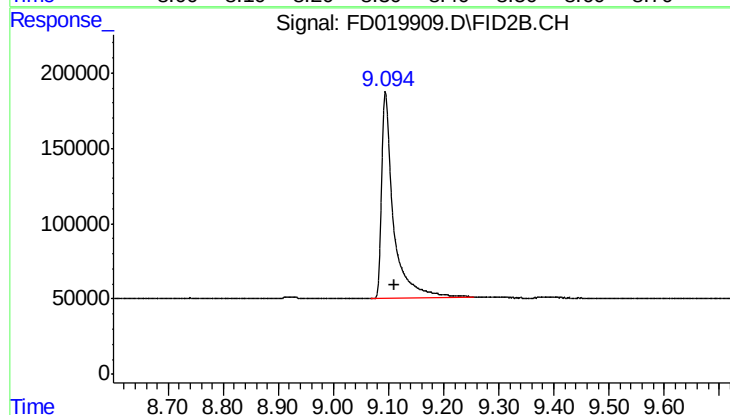
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.227 min
Delta R.T.: -0.013 min
Response: 1115583
Conc: 20.40 ug/ml



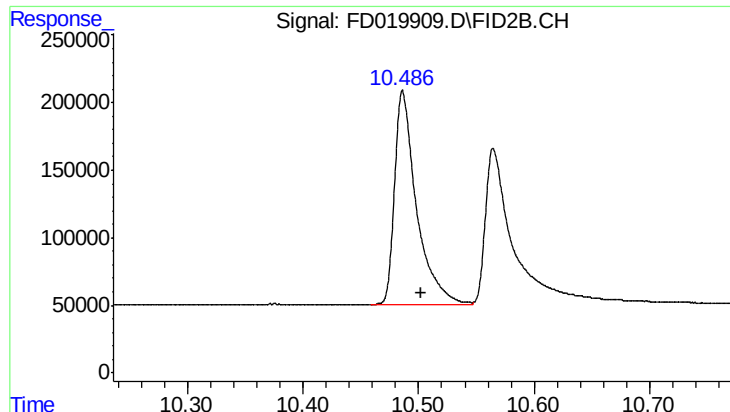
#7 Acenaphthene (C15.5)

R.T.: 8.310 min
Delta R.T.: -0.016 min
Response: 2242710
Conc: 22.99 ug/ml



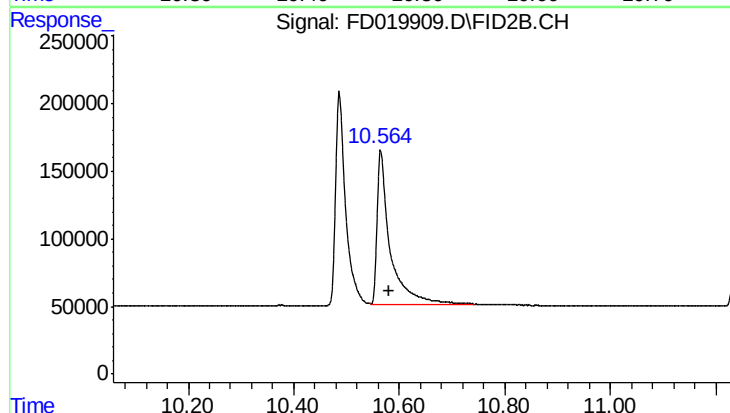
#8 Fluorene (C16.55)

R.T.: 9.095 min
Delta R.T.: -0.015 min
Response: 2057319
Conc: 21.65 ug/ml



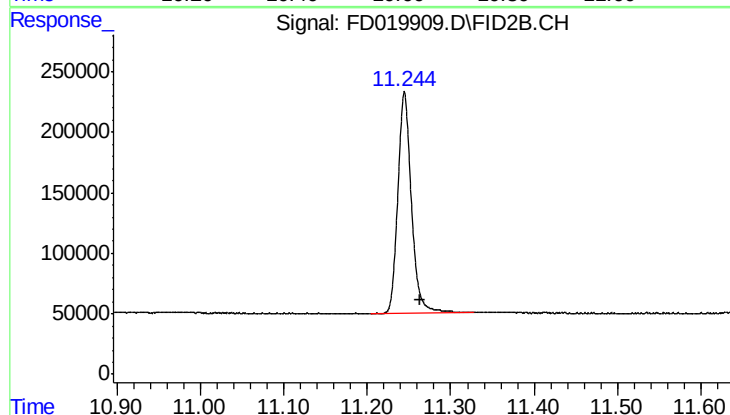
#9 Phenanthrene (C19.36)

R.T.: 10.486 min
Delta R.T.: -0.017 min
Response: 2110020
Conc: 21.22 ug/ml m



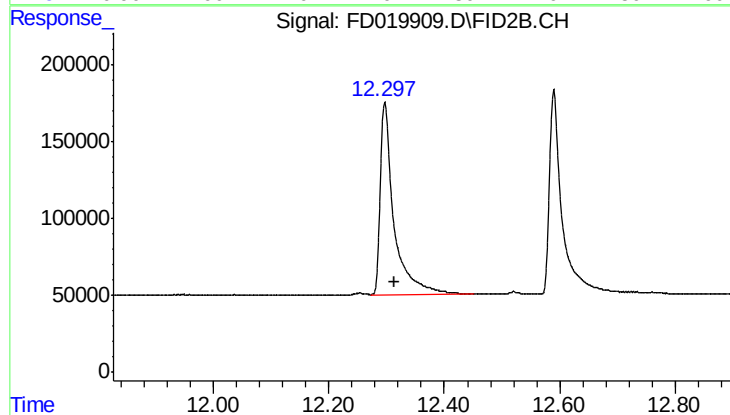
#10 Anthracene (C19.43)

R.T.: 10.565 min
Delta R.T.: -0.015 min
Response: 1971965
Conc: 20.28 ug/ml



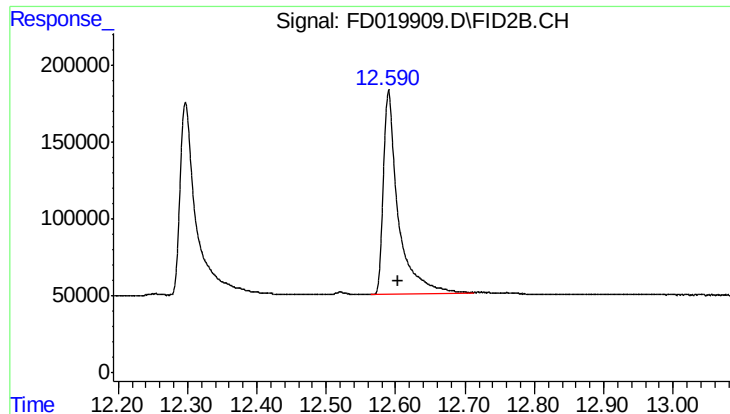
#11 ortho-Terphenyl (SURR)

R.T.: 11.245 min
Delta R.T.: -0.018 min
Response: 2063997
Conc: 20.86 ug/ml



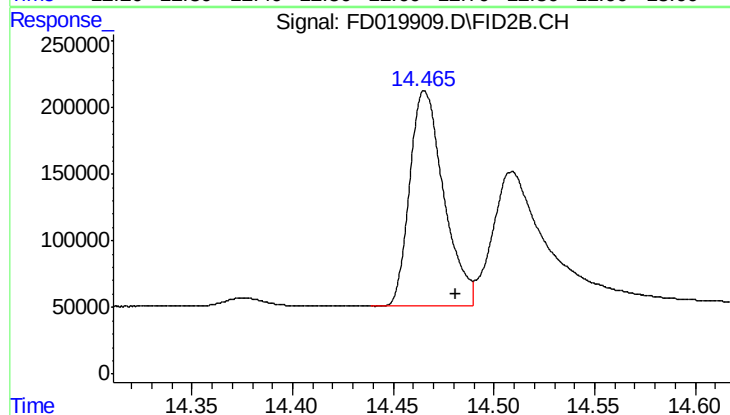
#12 Fluoranthene (C21.85)

R.T.: 12.297 min
Delta R.T.: -0.015 min
Response: 2060570
Conc: 19.44 ug/ml



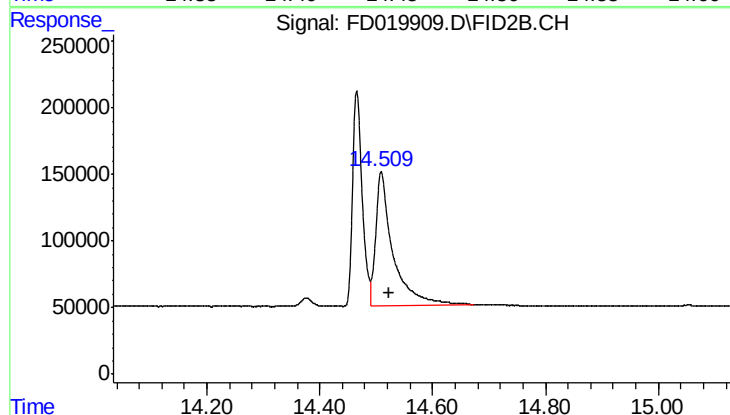
#13 Pyrene (C20.8)

R.T.: 12.590 min
Delta R.T.: -0.014 min
Response: 1987320
Conc: 18.76 ug/ml



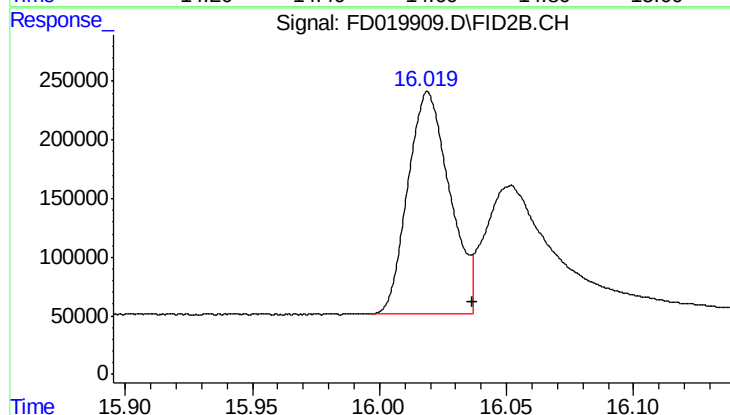
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.466 min
Delta R.T.: -0.015 min
Response: 1899364
Conc: 18.15 ug/ml



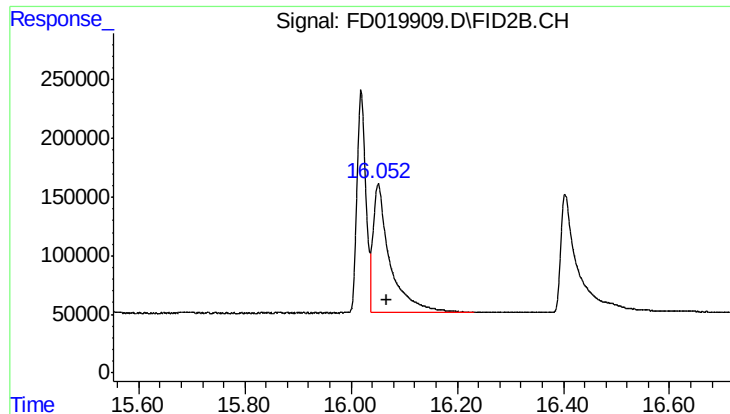
#15 Chrysene (C27.41)

R.T.: 14.509 min
Delta R.T.: -0.015 min
Response: 2127718
Conc: 19.69 ug/ml



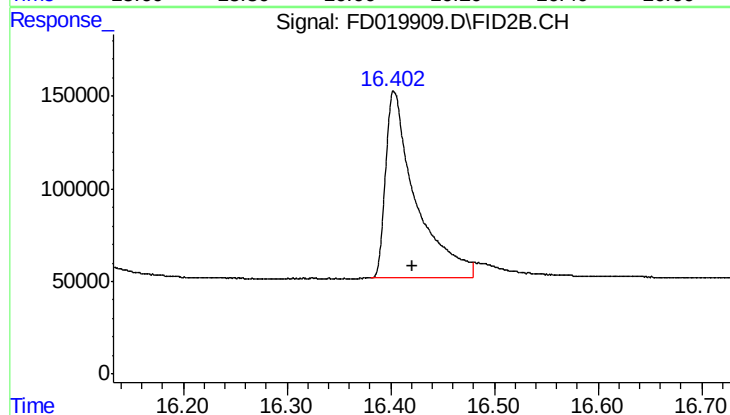
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.019 min
Delta R.T.: -0.018 min
Response: 2182022
Conc: 20.28 ug/ml m



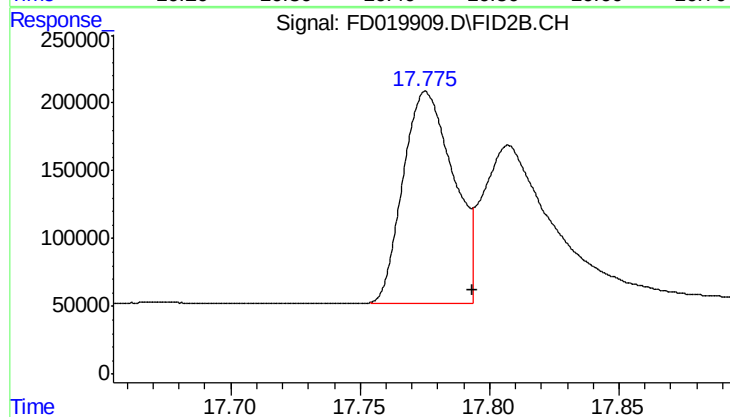
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.052 min
Delta R.T.: -0.016 min
Response: 2457939
Conc: 21.70 ug/ml



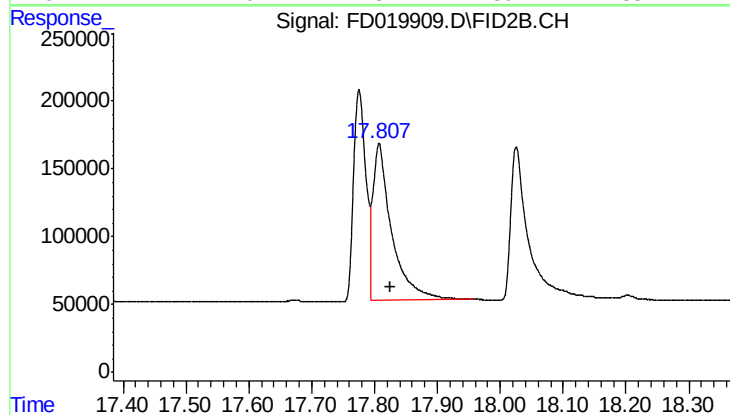
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.402 min
Delta R.T.: -0.019 min
Response: 2042490
Conc: 18.74 ug/ml m



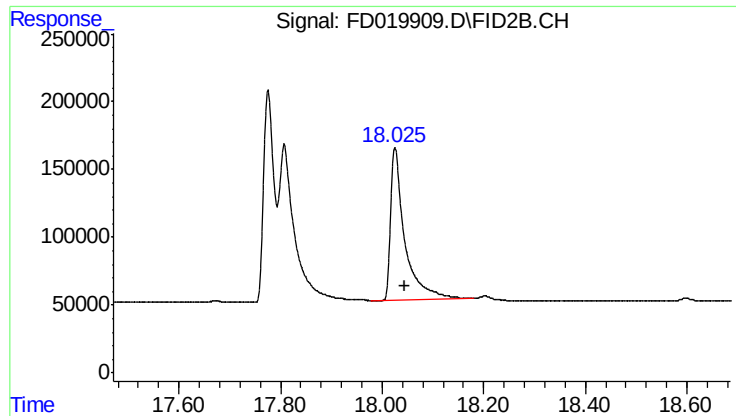
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.775 min
Delta R.T.: -0.018 min
Response: 2113049
Conc: 21.36 ug/ml m



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

R.T.: 17.807 min
Delta R.T.: -0.018 min
Response: 2441548
Conc: 21.30 ug/ml



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

R.T.: 18.026 min
Delta R.T.: -0.018 min
Response: 2178993
Conc: 20.88 ug/ml