

Data Path : P:\HPCHEM1\FID D\Data\FD012818AR\
 Data File : FD019296.D
 Signal(s) : FID2B.CH
 Acq On : 29 Jan 2018 14:01
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 29 18:29:42 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...	7.365	1629641	20.141 ug/ml
Spiked Amount 50.000		Recovery =	40.28%
6) S 2-Fluorobiphenyl (SURR)	8.223	1137597	20.798 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.60%
11) S ortho-Terphenyl (SURR)	11.251	2023156	20.450 ug/ml
Spiked Amount 50.000		Recovery =	40.90%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.172	1656653	18.714 ug/ml
2) T Naphthalene (C11.7)	5.704	1748923	19.582 ug/ml
3) T 2-Methylnaphthalene (...)	6.753	1830502	19.939 ug/ml
5) T Acenaphthylene (C15.06)	8.022	1905126	20.092 ug/ml
7) T Acenaphthene (C15.5)	8.315	1981561	20.313 ug/ml
8) T Fluorene (C16.55)	9.096	1968431	20.714 ug/ml
9) T Phenanthrene (C19.36)	10.487	2053273	20.653 ug/ml
10) T Anthracene (C19.43)	10.563	2042886	21.008 ug/ml
12) T Fluoranthene (C21.85)	12.296	2143545	20.220 ug/ml
13) T Pyrene (C20.8)	12.590	2118780	20.002 ug/ml
14) T Benzo[alanthracene (C...	14.467	2100628	20.071 ug/ml
15) T Chrysene (C27.41)	14.508	2171115	20.089 ug/ml
16) T benzo[blfluoranthene ...	16.022	2108142	19.594 ug/mlm
17) T Bnezo[klfluoranthene ...	16.052	2227403	19.665 ug/ml
18) T Benzo[alpyrene (C31.34)	16.401	2070059	18.991 ug/ml
19) T Indeno[1,2,3-cd]pvren...	17.777	1534313	15.509 ug/mlm
20) T Dibenz[fa,h]anthracene...	17.809	2172978	18.959 ug/ml
21) T Benzo[fa,h,ilpervlene ...	18.028	1649212	15.803 ug/ml

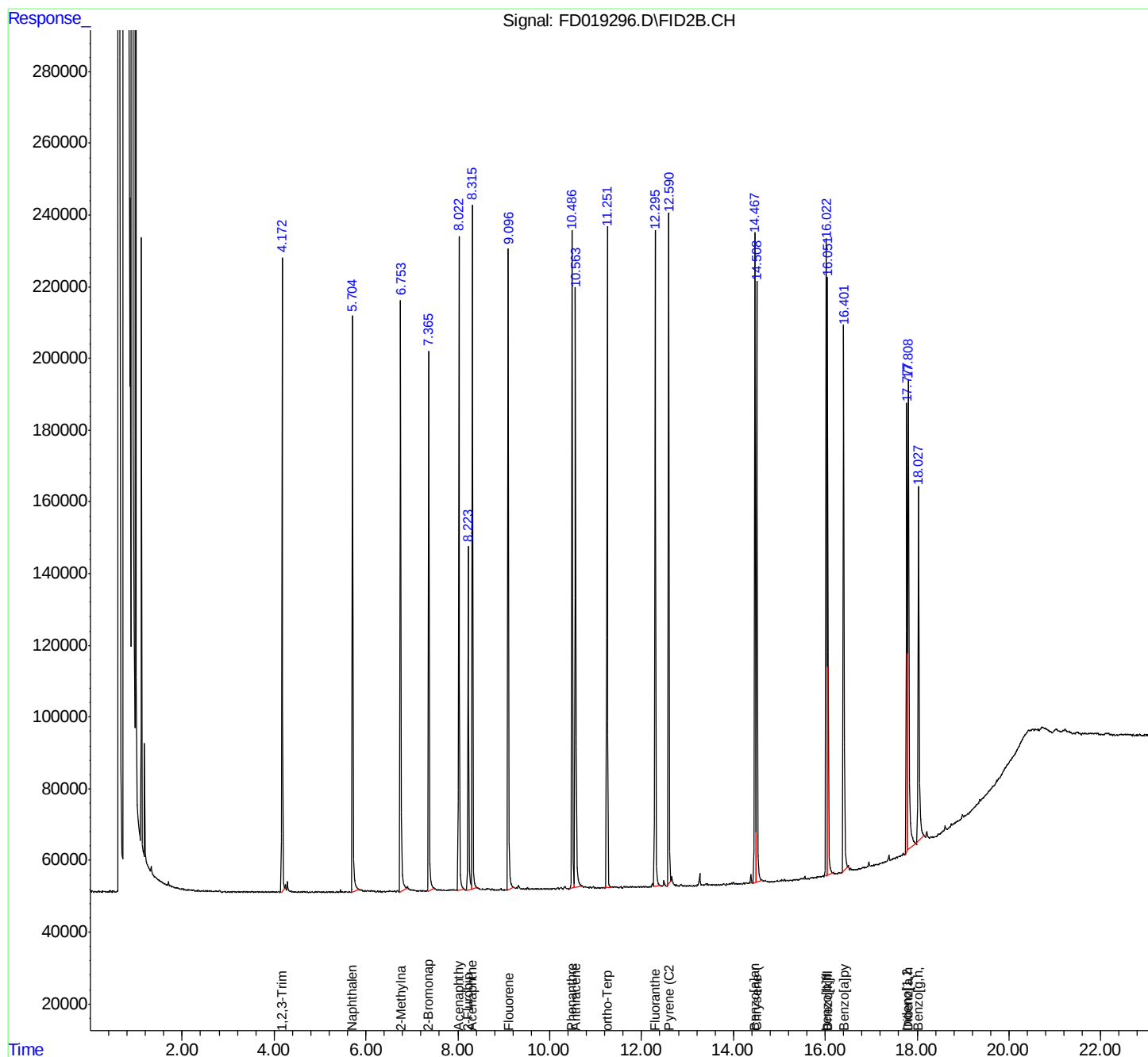
(f)=RT Delta > 1/2 Window

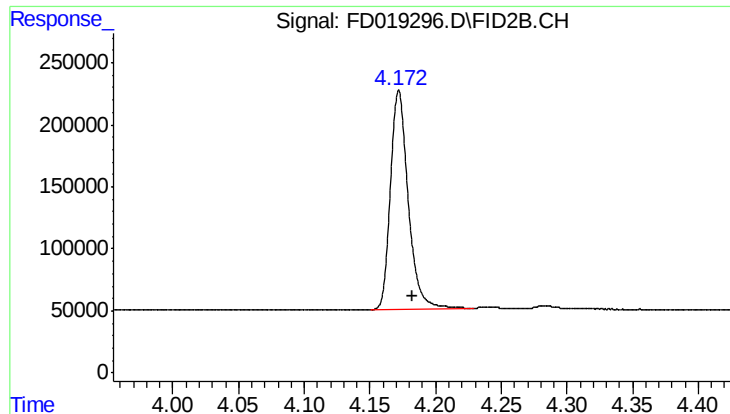
(m)=manual int.

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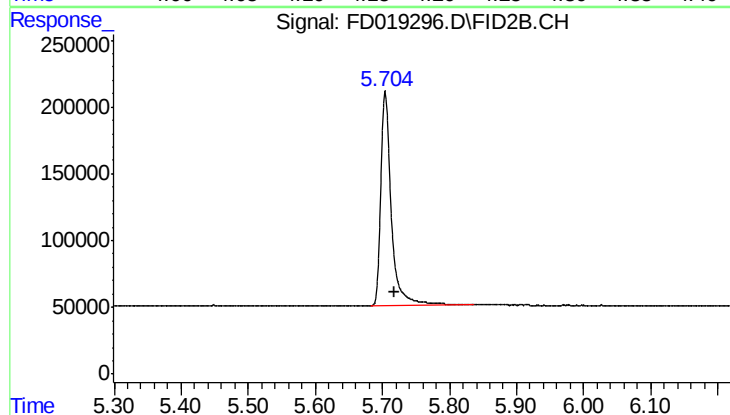
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Signal Info : 20M x 0.18mm x 0.18µm





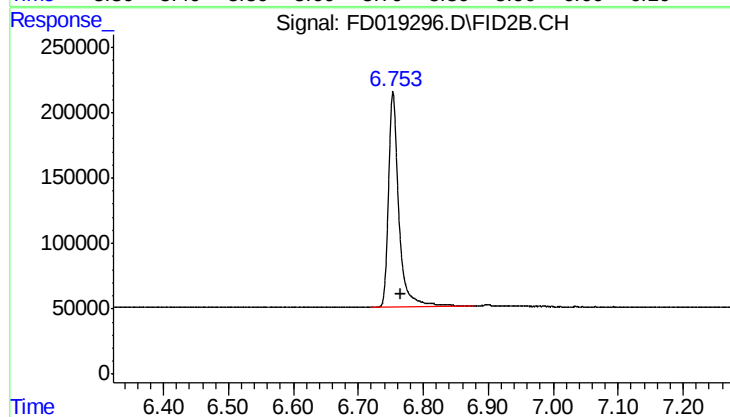
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.172 min
Delta R.T.: -0.011 min
Response: 1656653
Conc: 18.71 ug/ml



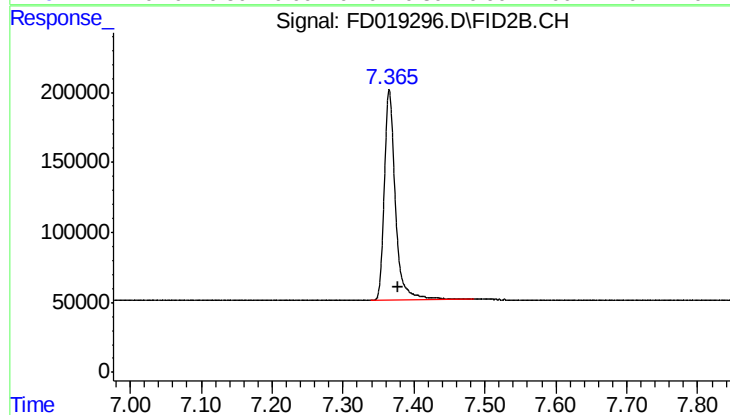
#2 Naphthalene (C11.7)

R.T.: 5.704 min
Delta R.T.: -0.013 min
Response: 1748923
Conc: 19.58 ug/ml



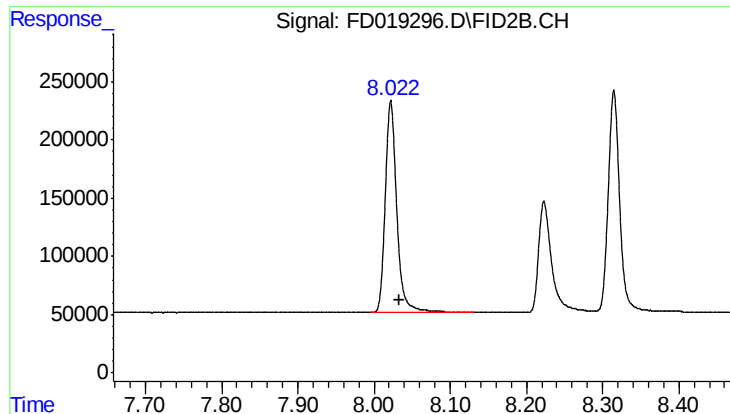
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.753 min
Delta R.T.: -0.013 min
Response: 1830502
Conc: 19.94 ug/ml



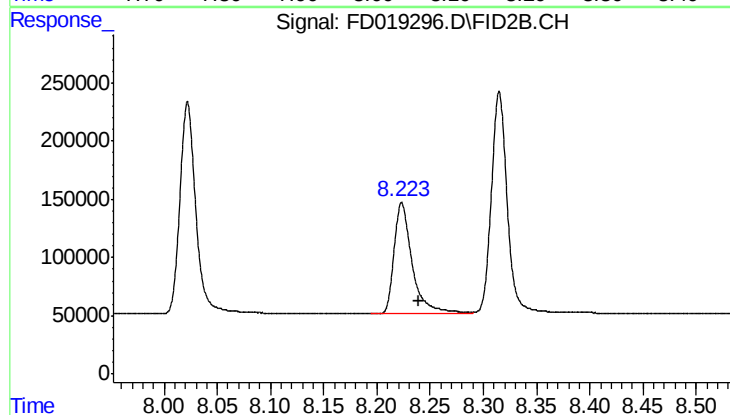
#4 2-Bromonaphthalene (SURR)

R.T.: 7.365 min
Delta R.T.: -0.012 min
Response: 1629641
Conc: 20.14 ug/ml



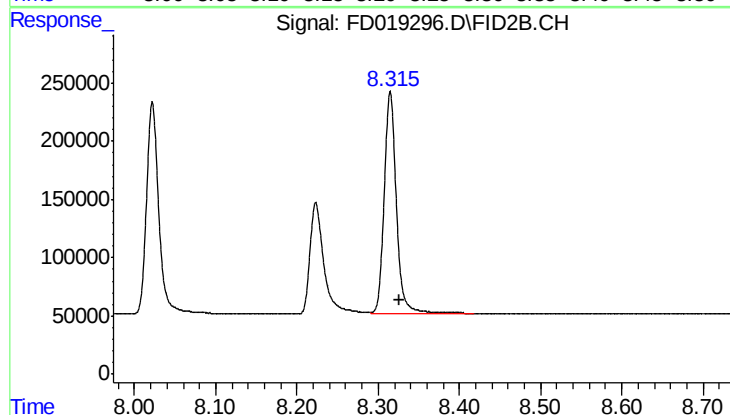
#5 Acenaphthylene (C15.06)

R.T.: 8.022 min
Delta R.T.: -0.012 min
Response: 1905126
Conc: 20.09 ug/ml



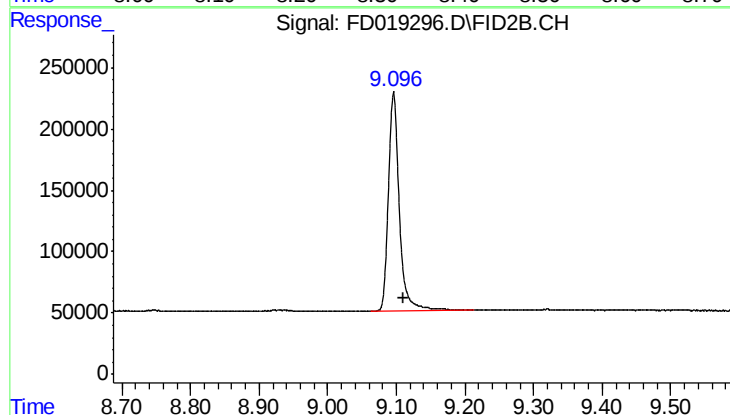
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.223 min
Delta R.T.: -0.016 min
Response: 1137597
Conc: 20.80 ug/ml



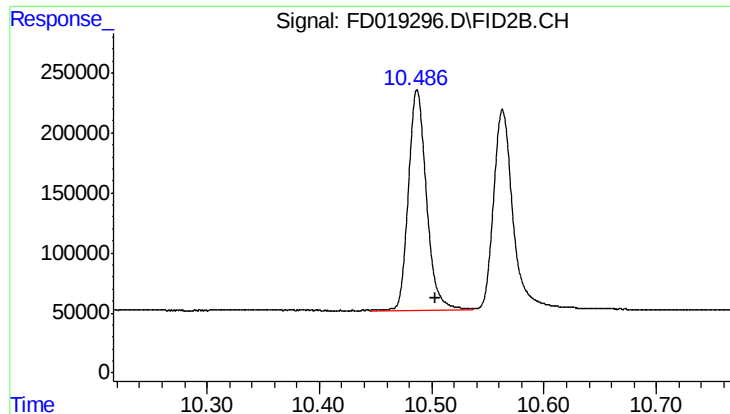
#7 Acenaphthene (C15.5)

R.T.: 8.315 min
Delta R.T.: -0.011 min
Response: 1981561
Conc: 20.31 ug/ml



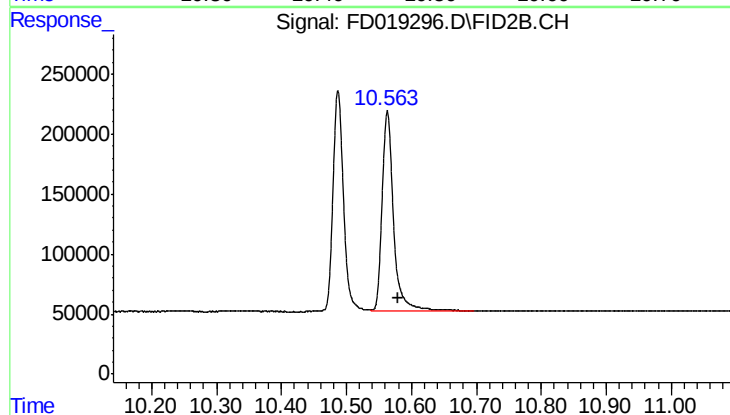
#8 Fluorene (C16.55)

R.T.: 9.096 min
Delta R.T.: -0.014 min
Response: 1968431
Conc: 20.71 ug/ml



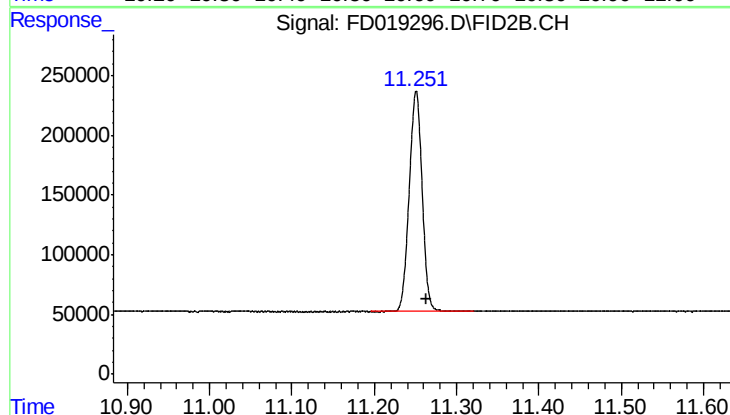
#9 Phenanthrene (C19.36)

R.T.: 10.487 min
Delta R.T.: -0.016 min
Response: 2053273
Conc: 20.65 ug/ml



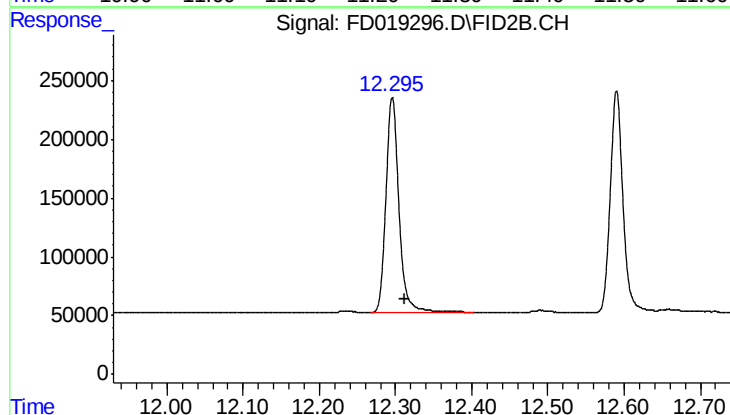
#10 Anthracene (C19.43)

R.T.: 10.563 min
Delta R.T.: -0.017 min
Response: 2042886
Conc: 21.01 ug/ml



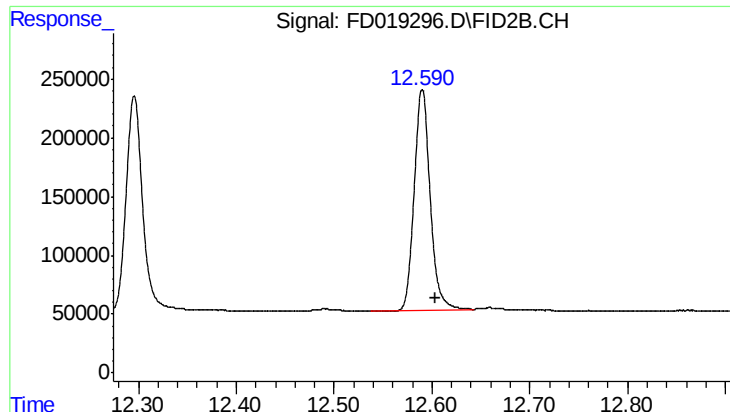
#11 ortho-Terphenyl (SURR)

R.T.: 11.251 min
Delta R.T.: -0.012 min
Response: 2023156
Conc: 20.45 ug/ml



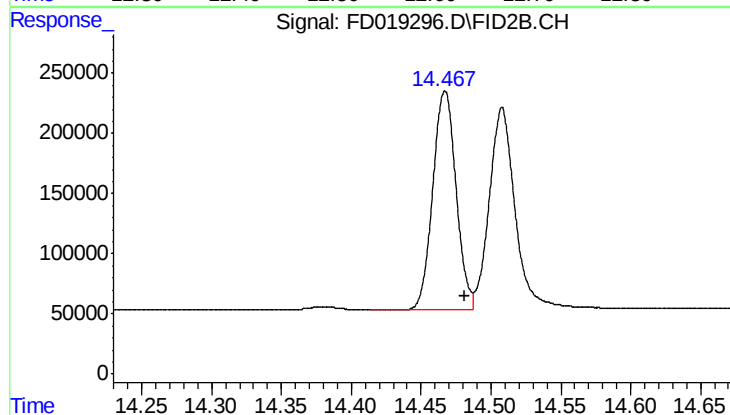
#12 Fluoranthene (C21.85)

R.T.: 12.296 min
Delta R.T.: -0.017 min
Response: 2143545
Conc: 20.22 ug/ml



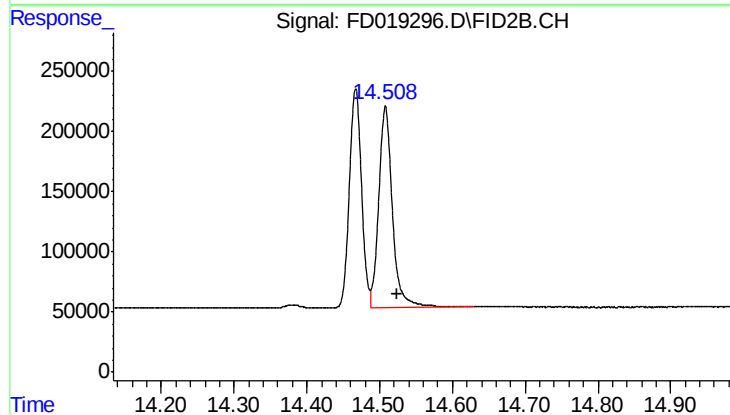
#13 Pyrene (C20.8)

R.T.: 12.590 min
Delta R.T.: -0.014 min
Response: 2118780
Conc: 20.00 ug/ml



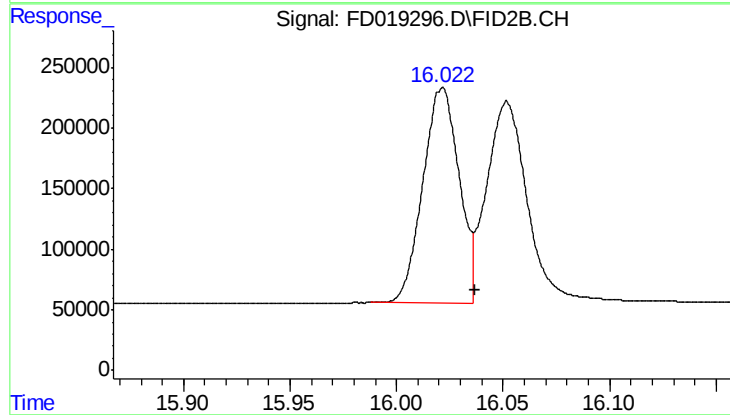
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.467 min
Delta R.T.: -0.014 min
Response: 2100628
Conc: 20.07 ug/ml



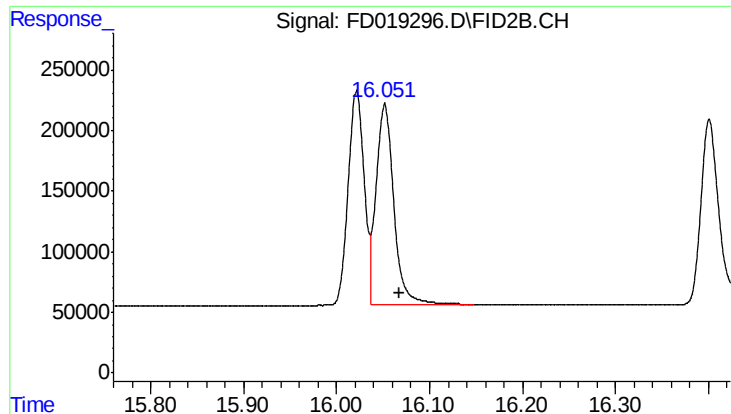
#15 Chrysene (C27.41)

R.T.: 14.508 min
Delta R.T.: -0.016 min
Response: 2171115
Conc: 20.09 ug/ml



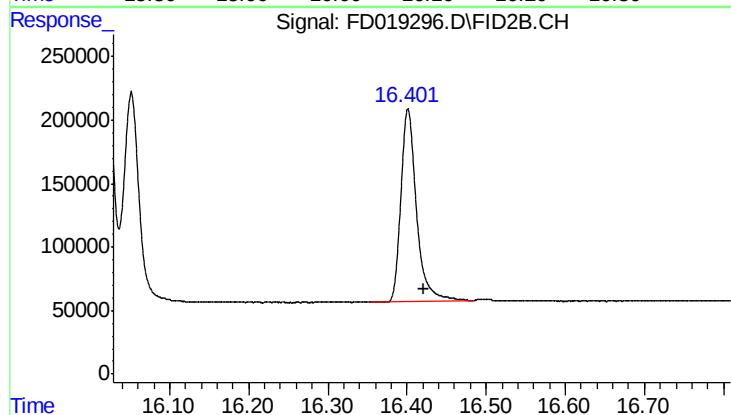
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.022 min
Delta R.T.: -0.015 min
Response: 2108142
Conc: 19.59 ug/ml m



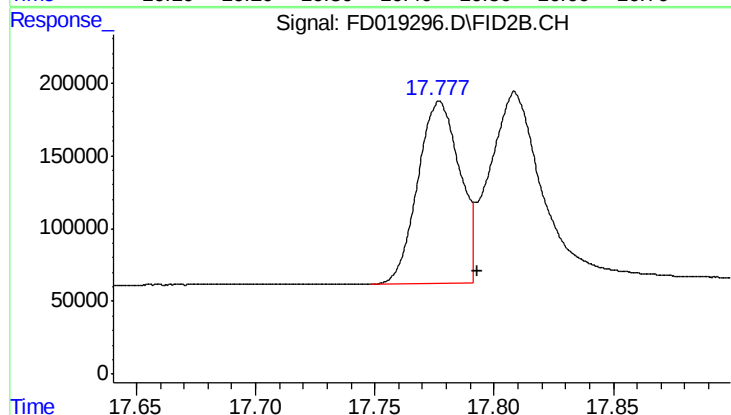
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.052 min
Delta R.T.: -0.016 min
Response: 2227403
Conc: 19.66 ug/ml



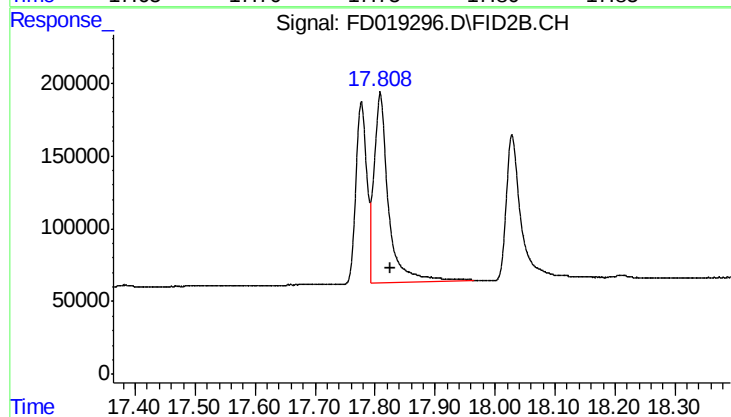
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.401 min
Delta R.T.: -0.020 min
Response: 2070059
Conc: 18.99 ug/ml



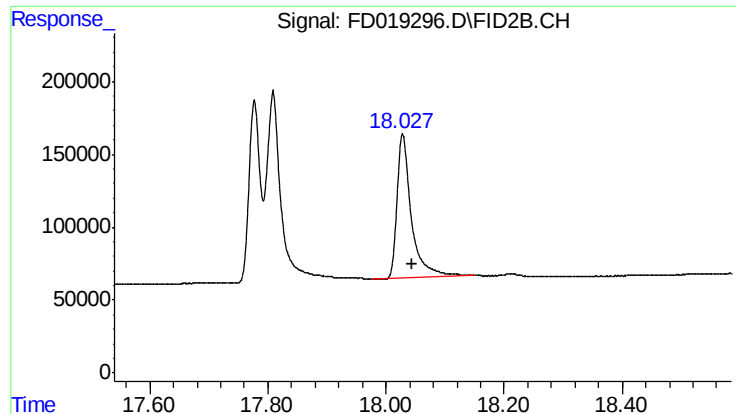
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.777 min
Delta R.T.: -0.017 min
Response: 1534313
Conc: 15.51 ug/ml m



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

R.T.: 17.809 min
Delta R.T.: -0.017 min
Response: 2172978
Conc: 18.96 ug/ml



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

R.T.: 18.028 min
Delta R.T.: -0.016 min
Response: 1649212
Conc: 15.80 ug/ml