

Data Path : P:\HPCHEM1\FID D\Data\FD031118AR\
 Data File : FD022476.D
 Signal(s) : FID2B.CH
 Acq On : 12 Mar 2018 16:50
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 13 01:50:00 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 022018.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 21 04:46:02 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...	7.329	1767818	21.101 ug/ml
Spiked Amount 50.000		Recovery =	42.20%
6) S 2-Fluorobiphenyl (SURR)	8.189	1068771	21.140 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.28%
11) S ortho-Terphenyl (SURR)	11.211	2139313	22.543 ug/ml
Spiked Amount 50.000		Recovery =	45.09%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.137	1910713	21.637 ug/ml
2) T Naphthalene (C11.7)	5.668	1889416	21.122 ug/ml
3) T 2-Methylnaphthalene (...)	6.717	1904091	20.966 ug/ml
5) T Acenaphthylene (C15.06)	7.984	2050853	21.415 ug/ml
7) T Acenaphthene (C15.5)	8.276	1522429	14.862 ug/ml
8) T Fluorene (C16.55)	9.059	2080134	22.185 ug/ml
9) T Phenanthrene (C19.36)	10.451	2152963	23.108 ug/ml
10) T Anthracene (C19.43)	10.528	2170279	22.887 ug/ml
12) T Fluoranthene (C21.85)	12.261	2302833	22.958 ug/ml
13) T Pyrene (C20.8)	12.554	2295300	22.592 ug/ml
14) T Benzo[alanthracene (C...	14.474	2325868	24.120 ug/ml
15) T Chrysene (C27.41)	14.474	2325868	21.550 ug/ml
16) T benzo[b]fluoranthene ...	16.019	2428075	24.153 ug/ml
17) T Benzo[k]fluoranthene ...	16.019	2428075	21.397 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.371	2148094	20.440 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.778	2658253	27.901 ug/ml
20) T Dibenz[a,h]anthracene...	17.778	2658253	23.393 ug/ml
21) T Benzo[a,h,i]perylene ...	18.001	1887079	18.169 ug/ml

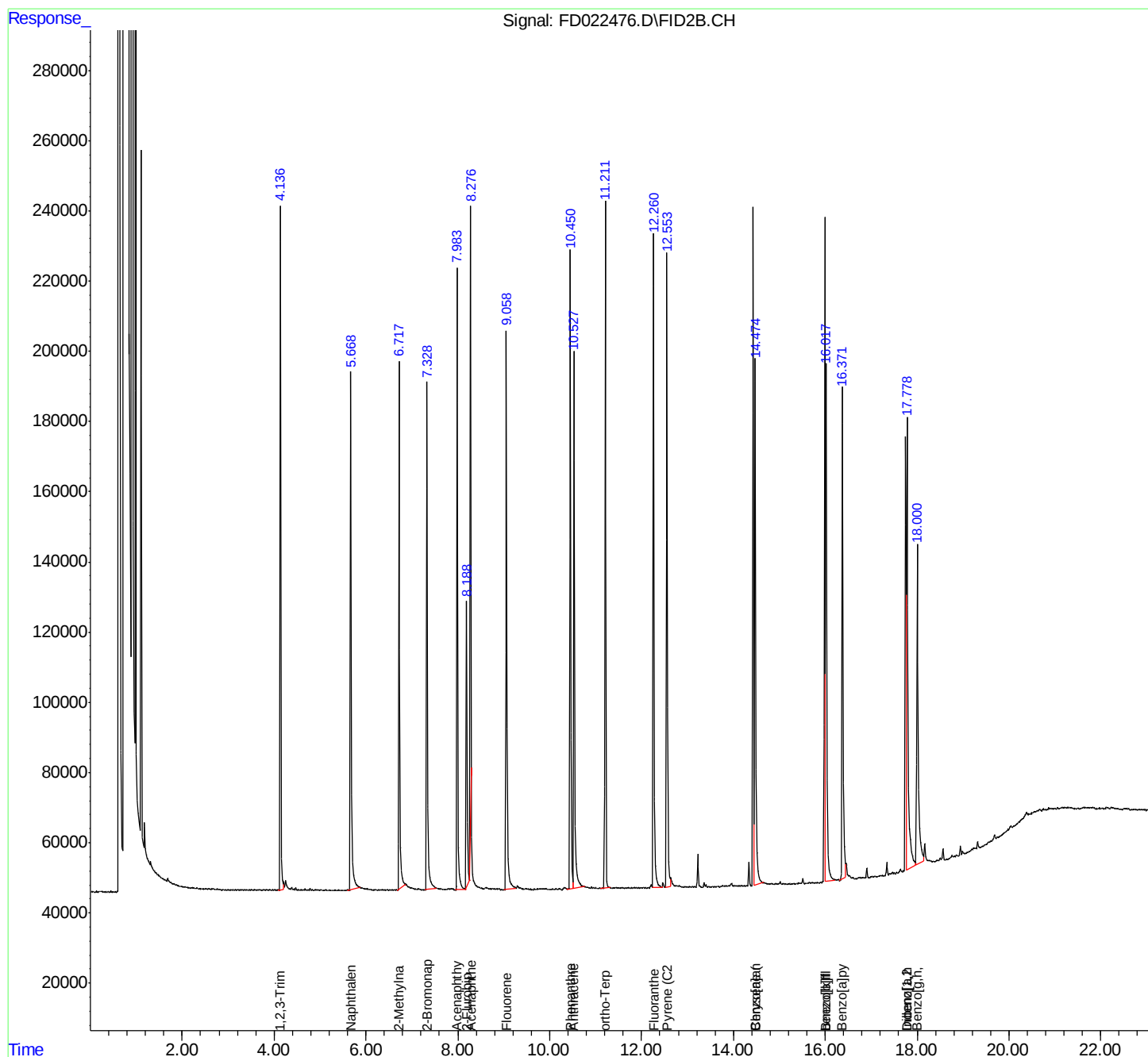
(f)=RT Delta > 1/2 Window

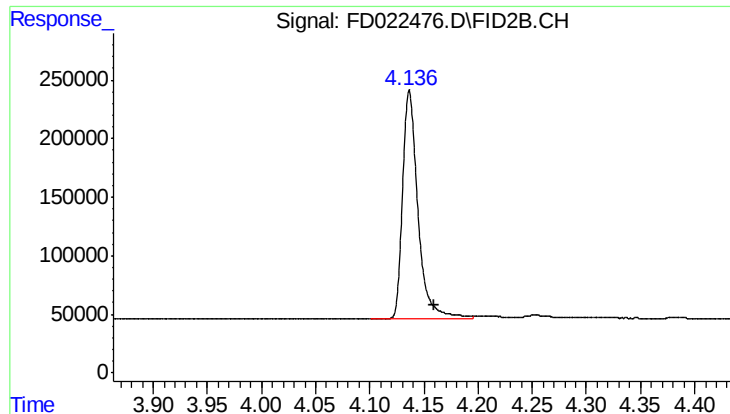
(m)=manual int.

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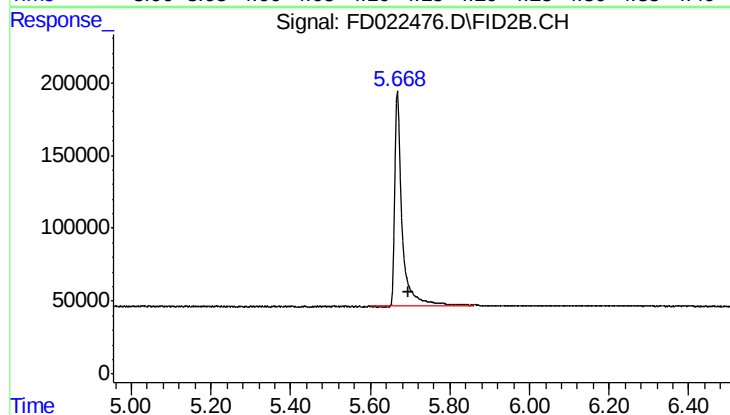
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Signal Info : 20M x 0.18mm x 0.18µm





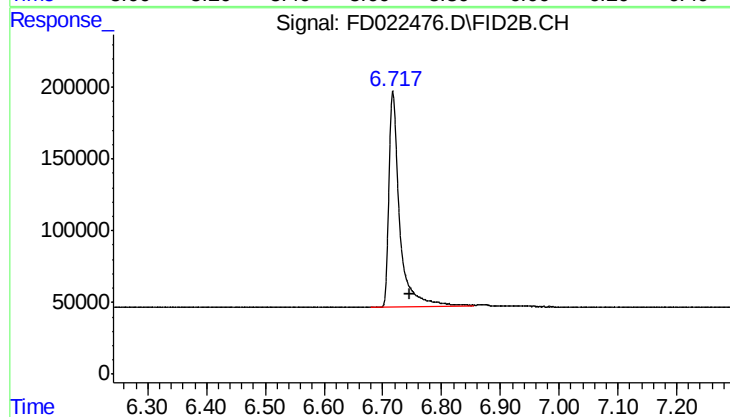
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.137 min
Delta R.T.: -0.023 min
Response: 1910713
Conc: 21.64 ug/ml



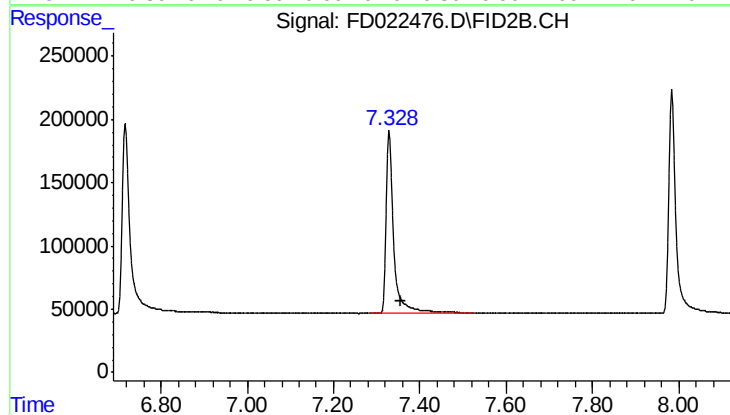
#2 Naphthalene (C11.7)

R.T.: 5.668 min
Delta R.T.: -0.028 min
Response: 1889416
Conc: 21.12 ug/ml



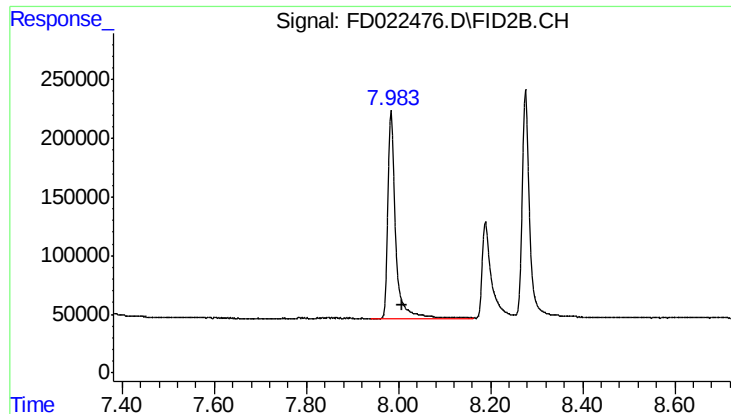
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.717 min
Delta R.T.: -0.028 min
Response: 1904091
Conc: 20.97 ug/ml



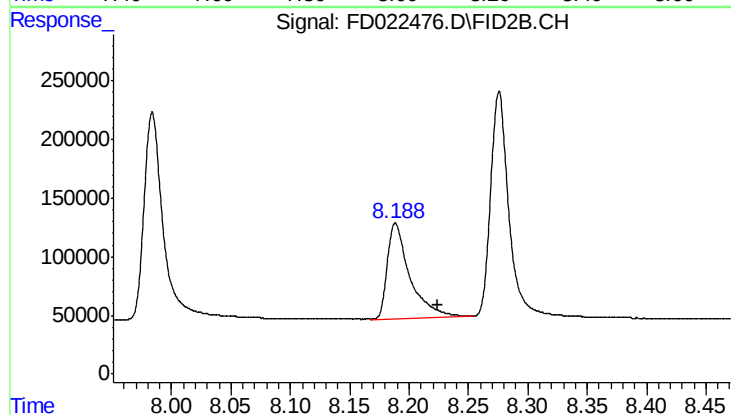
#4 2-Bromonaphthalene (SURR)

R.T.: 7.329 min
Delta R.T.: -0.027 min
Response: 1767818
Conc: 21.10 ug/ml



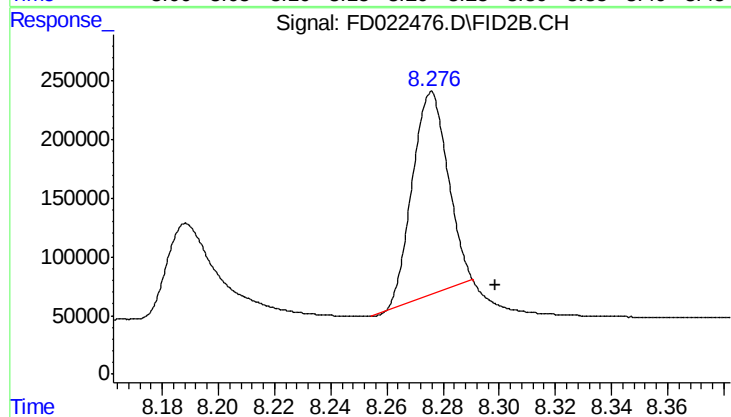
#5 Acenaphthylene (C15.06)

R.T.: 7.984 min
Delta R.T.: -0.025 min
Response: 2050853
Conc: 21.41 ug/ml



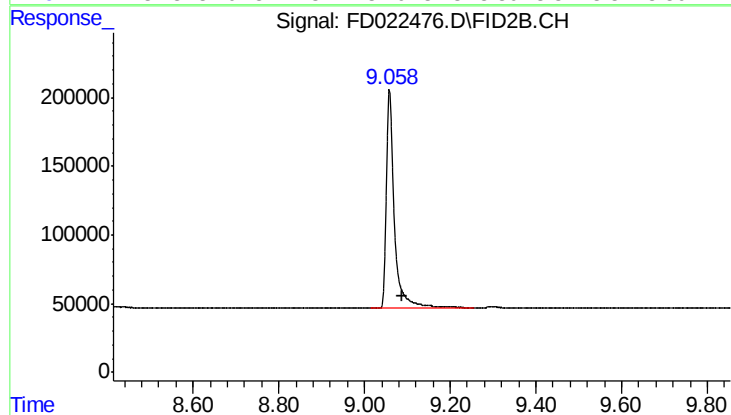
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.189 min
Delta R.T.: -0.036 min
Response: 1068771
Conc: 21.14 ug/ml



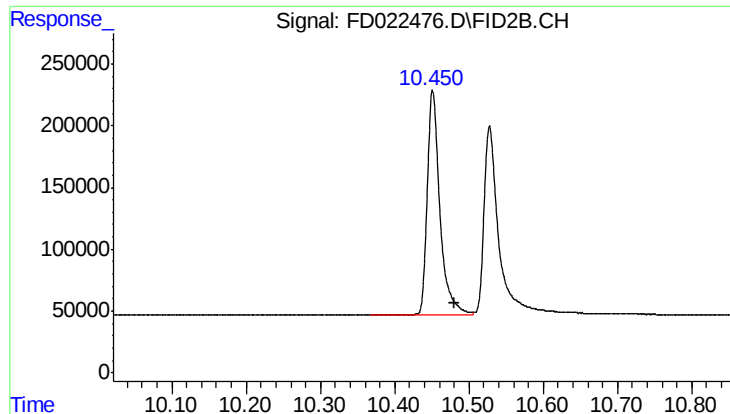
#7 Acenaphthene (C15.5)

R.T.: 8.276 min
Delta R.T.: -0.023 min
Response: 1522429
Conc: 14.86 ug/ml



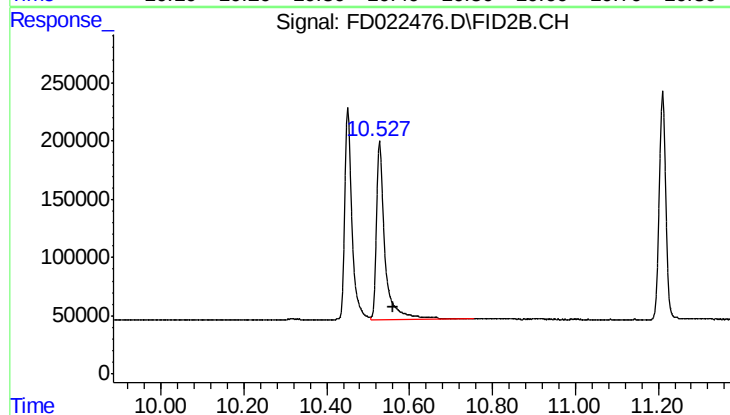
#8 Fluorene (C16.55)

R.T.: 9.059 min
Delta R.T.: -0.028 min
Response: 2080134
Conc: 22.18 ug/ml



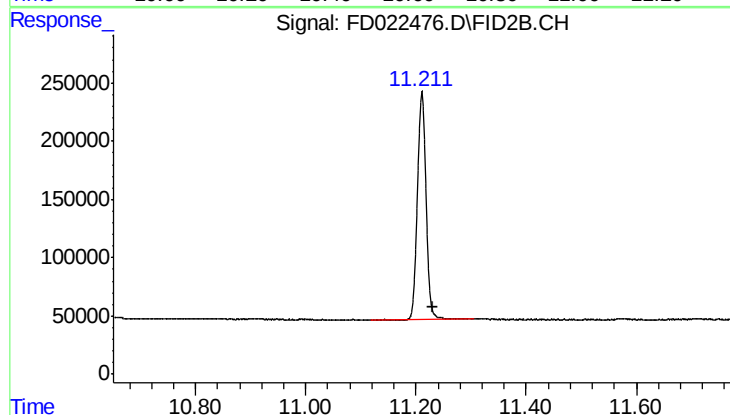
#9 Phenanthrene (C19.36)

R.T.: 10.451 min
Delta R.T.: -0.029 min
Response: 2152963
Conc: 23.11 ug/ml



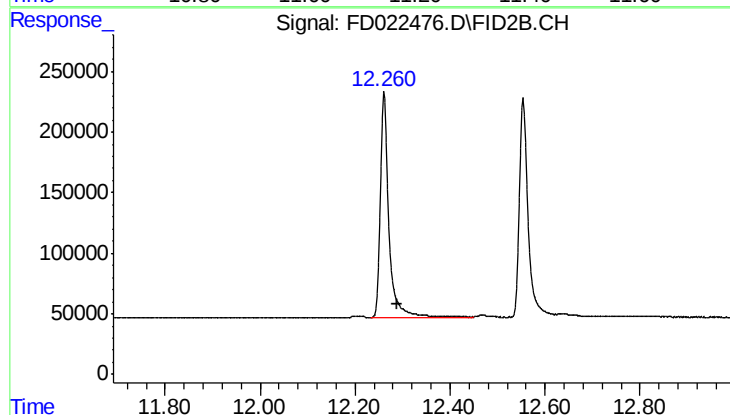
#10 Anthracene (C19.43)

R.T.: 10.528 min
Delta R.T.: -0.031 min
Response: 2170279
Conc: 22.89 ug/ml



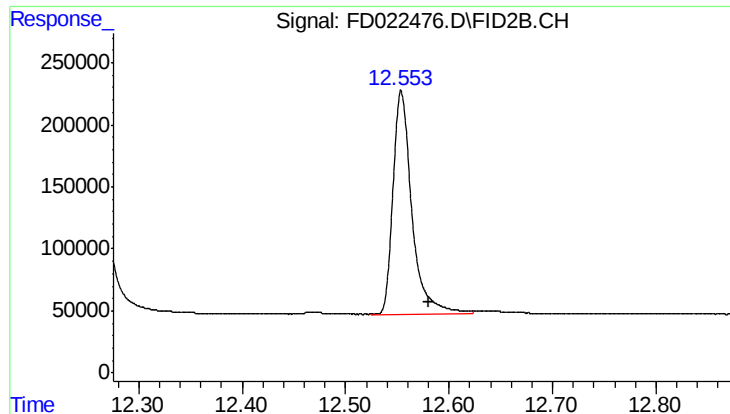
#11 ortho-Terphenyl (SURR)

R.T.: 11.211 min
Delta R.T.: -0.019 min
Response: 2139313
Conc: 22.54 ug/ml



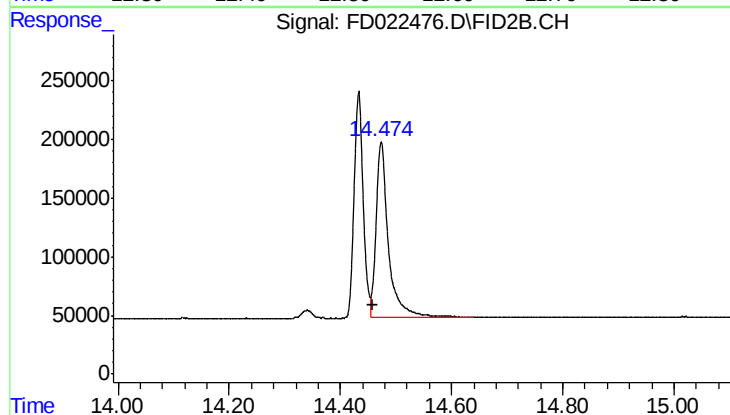
#12 Fluoranthene (C21.85)

R.T.: 12.261 min
Delta R.T.: -0.027 min
Response: 2302833
Conc: 22.96 ug/ml



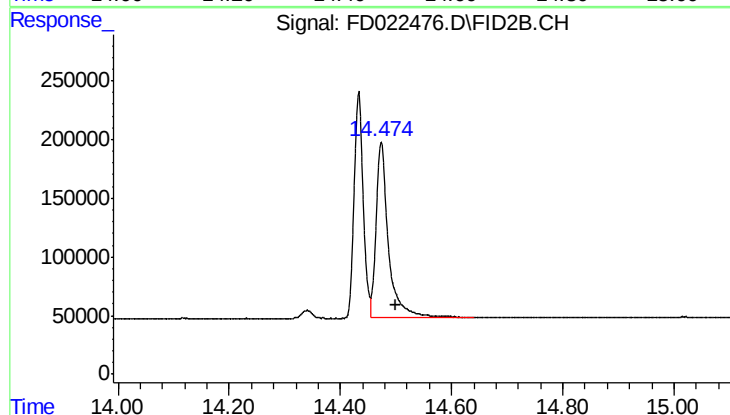
#13 Pyrene (C20.8)

R.T.: 12.554 min
Delta R.T.: -0.026 min
Response: 2295300
Conc: 22.59 ug/ml



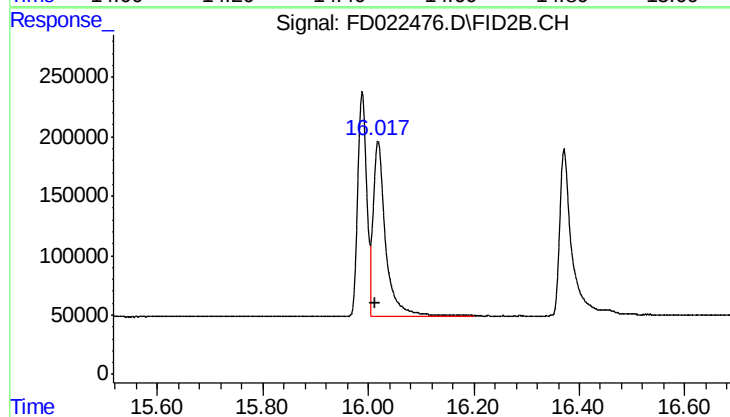
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.474 min
Delta R.T.: 0.015 min
Response: 2325868
Conc: 24.12 ug/ml



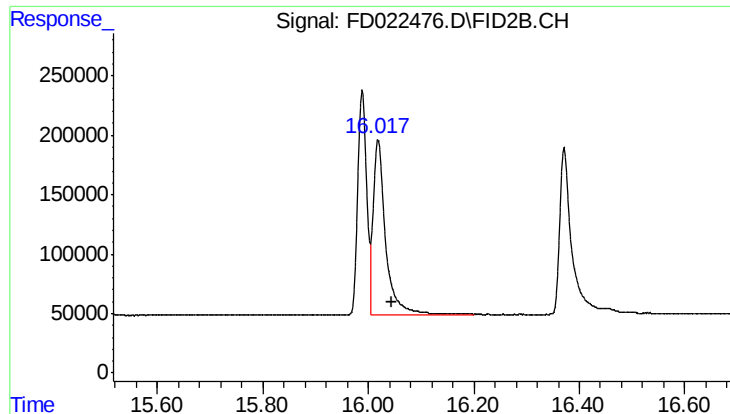
#15 Chrysene (C27.41)

R.T.: 14.474 min
Delta R.T.: -0.027 min
Response: 2325868
Conc: 21.55 ug/ml



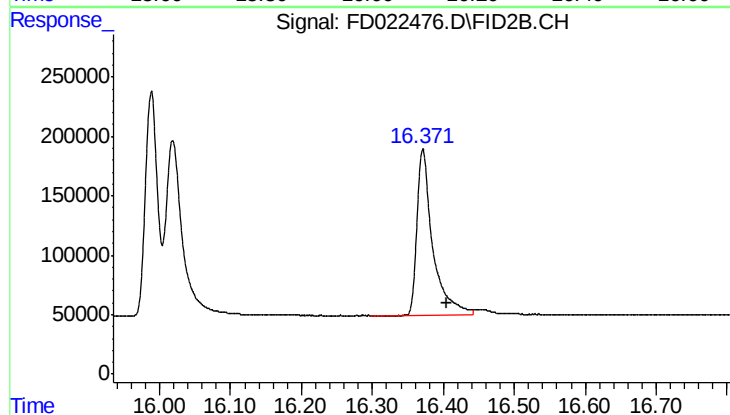
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.019 min
Delta R.T.: 0.006 min
Response: 2428075
Conc: 24.15 ug/ml



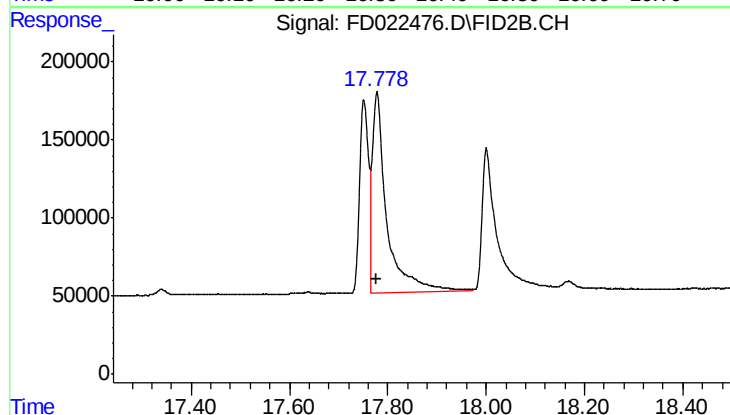
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.019 min
Delta R.T.: -0.027 min
Response: 2428075
Conc: 21.40 ug/ml



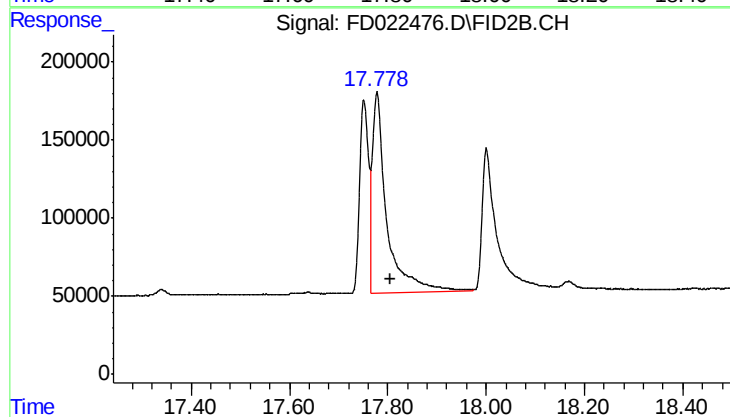
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.371 min
Delta R.T.: -0.033 min
Response: 2148094
Conc: 20.44 ug/ml



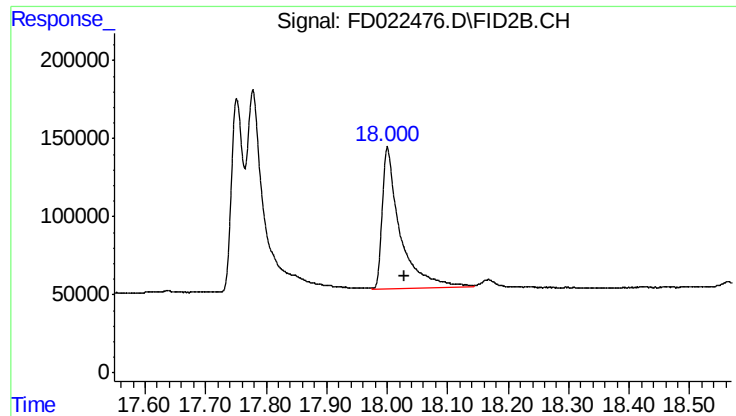
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.778 min
Delta R.T.: 0.000 min
Response: 2658253
Conc: 27.90 ug/ml



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

R.T.: 17.778 min
Delta R.T.: -0.026 min
Response: 2658253
Conc: 23.39 ug/ml



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

R.T.: 18.001 min
Delta R.T.: -0.027 min
Response: 1887079
Conc: 18.17 ug/ml