

Data Path : P:\HPCHEM1\FID_D\Data\FD030918AR\
 Data File : FD022457.D
 Signal(s) : FID2B.CH
 Acq On : 09 Mar 2018 21:58
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 09 23:43:57 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...	7.330	1713385	20.452 ug/ml
Spiked Amount 50.000		Recovery =	40.90%
6) S 2-Fluorobiphenyl (SURR)	8.190	1039972	20.570 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.14%
11) S ortho-Terphenyl (SURR)	11.213	2104502	22.176 ug/ml
Spiked Amount 50.000		Recovery =	44.35%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.139	1924784	21.796 ug/ml
2) T Naphthalene (C11.7)	5.670	1894558	21.179 ug/ml
3) T 2-Methylnaphthalene (...)	6.719	1863512	20.519 ug/ml
5) T Acenaphthylene (C15.06)	7.986	1980433	20.679 ug/ml
7) T Acenaphthene (C15.5)	8.278	1289259	12.586 ug/ml
8) T Flouorene (C16.55)	9.060	2027413	21.622 ug/ml
9) T Phenanthrene (C19.36)	10.453	2120249	22.756 ug/ml
10) T Anthracene (C19.43)	10.529	2150173	22.675 ug/ml
12) T Fluoranthene (C21.85)	12.263	2266963	22.601 ug/ml
13) T Pyrene (C20.8)	12.557	2263181	22.276 ug/ml
14) T Benzo[a]anthracene (C...	14.477	2276922	23.612 ug/ml
15) T Chrysene (C27.41)	14.477	2276922	21.096 ug/ml
16) T benzo[b]fluoranthene ...	16.023	2373321	23.608 ug/ml
17) T Bnezo[k]fluoranthene ...	16.023	2373321	20.915 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.373	2182168	20.764 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.782	2593768	27.224 ug/ml
20) T Dibenz[a,h]anthracene...	17.782	2593768	22.825 ug/ml
21) T Benzo[g,h,i]perylene ...	18.004	1790988	17.244 ug/ml

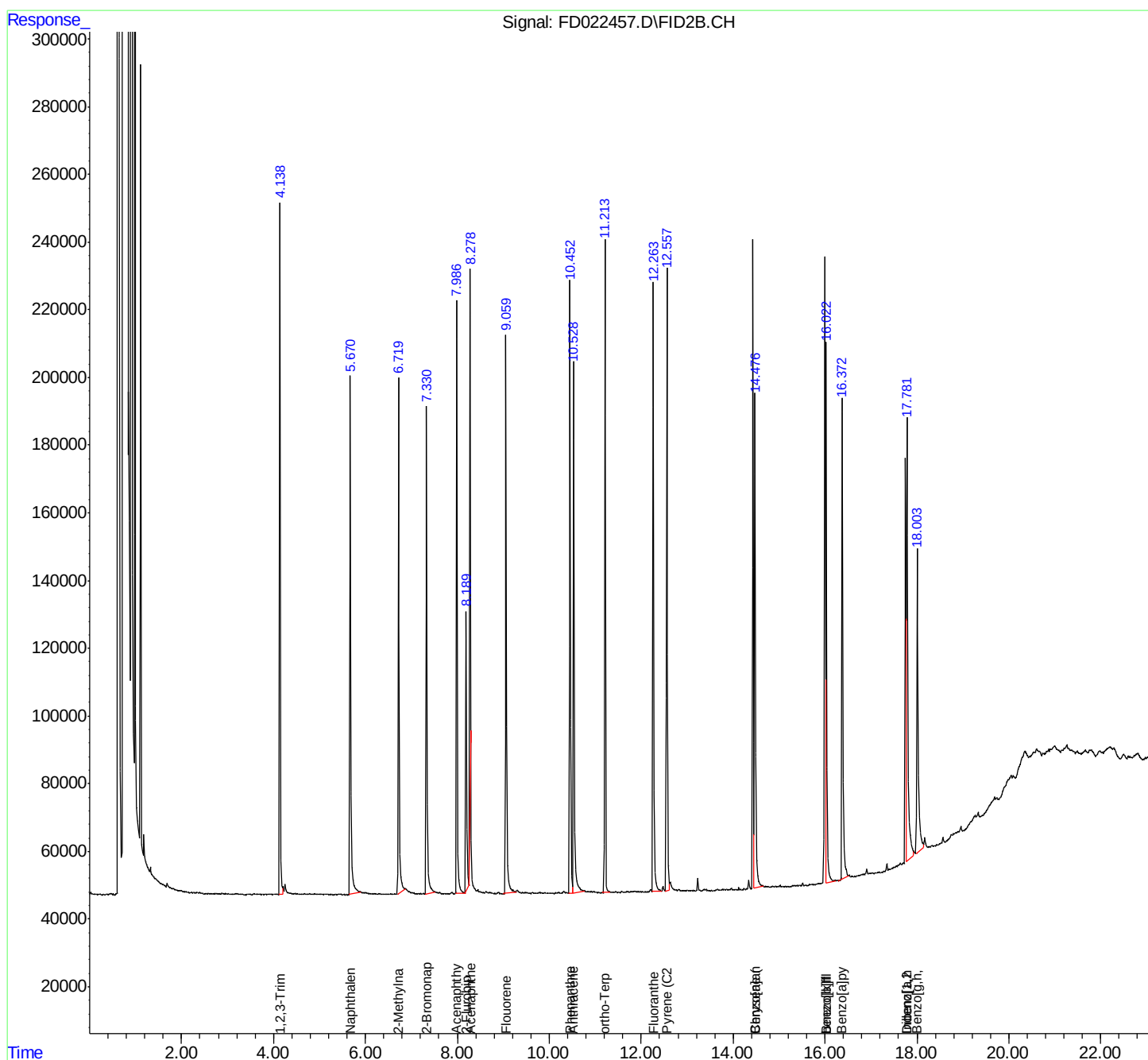
(f)=RT Delta > 1/2 Window

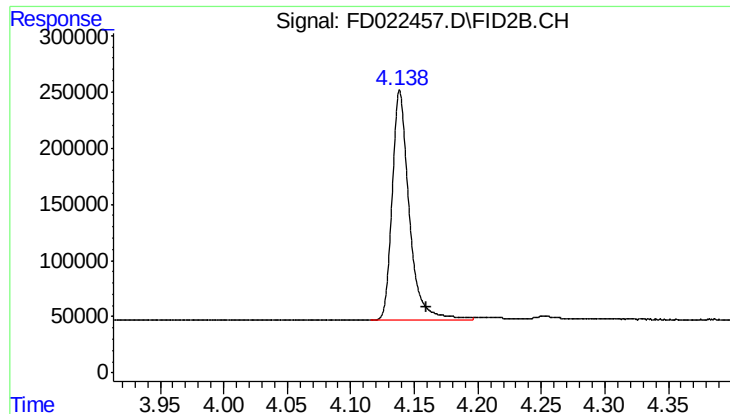
(m)=manual int.

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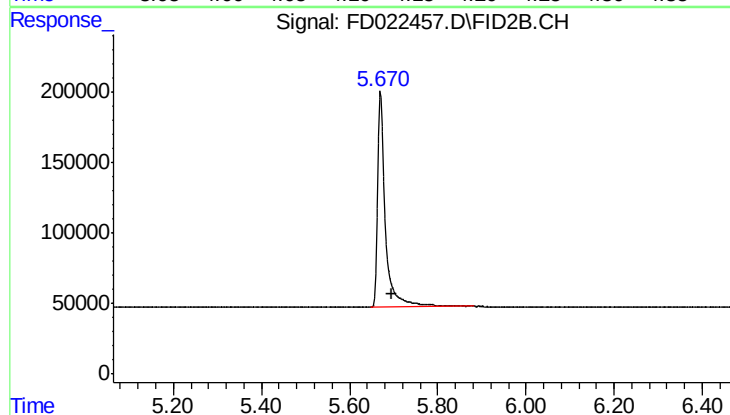
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





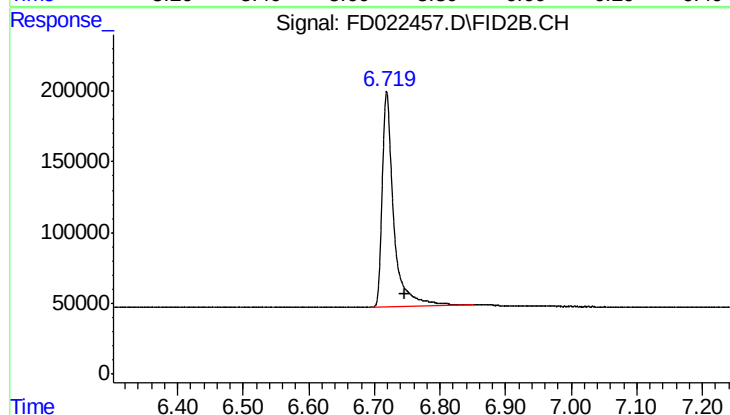
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.139 min
Delta R.T.: -0.021 min
Response: 1924784
Conc: 21.80 ug/ml



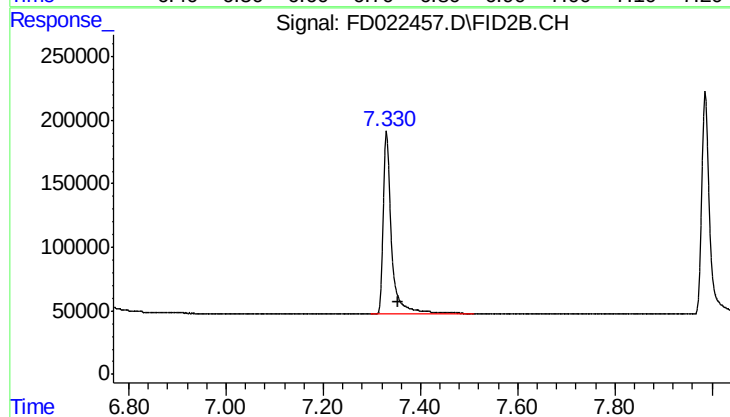
#2 Naphthalene (C11.7)

R.T.: 5.670 min
Delta R.T.: -0.026 min
Response: 1894558
Conc: 21.18 ug/ml



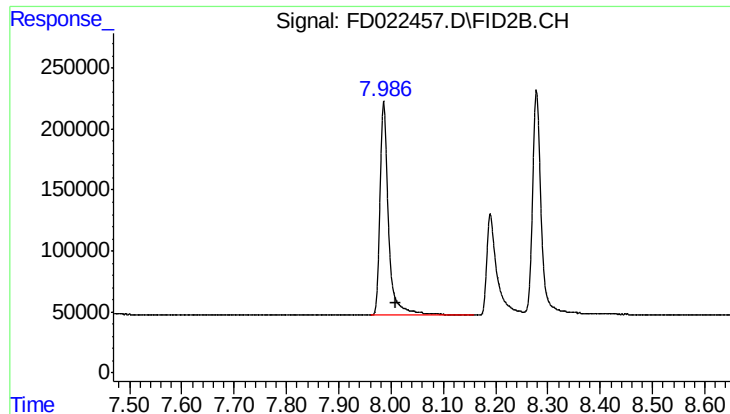
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.719 min
Delta R.T.: -0.027 min
Response: 1863512
Conc: 20.52 ug/ml



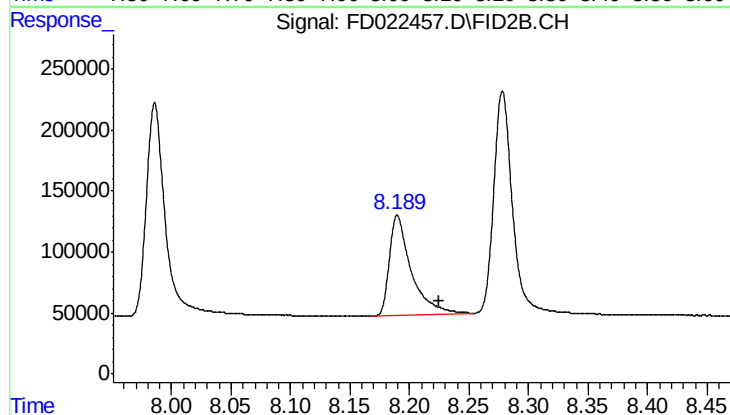
#4 2-Bromonaphthalene (SURR)

R.T.: 7.330 min
Delta R.T.: -0.025 min
Response: 1713385
Conc: 20.45 ug/ml



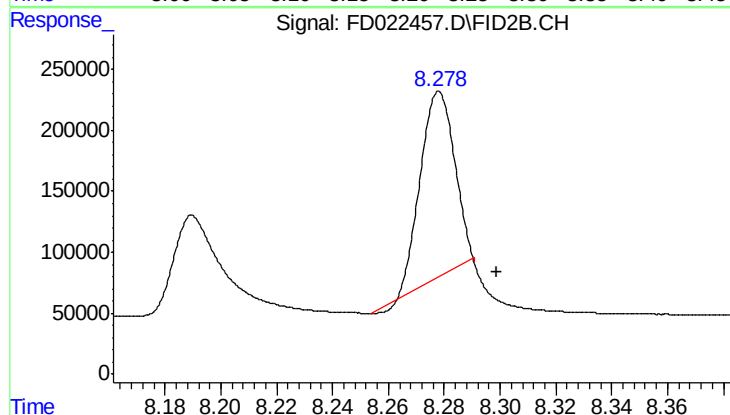
#5 Acenaphthylene (C15.06)

R.T.: 7.986 min
Delta R.T.: -0.023 min
Response: 1980433
Conc: 20.68 ug/ml



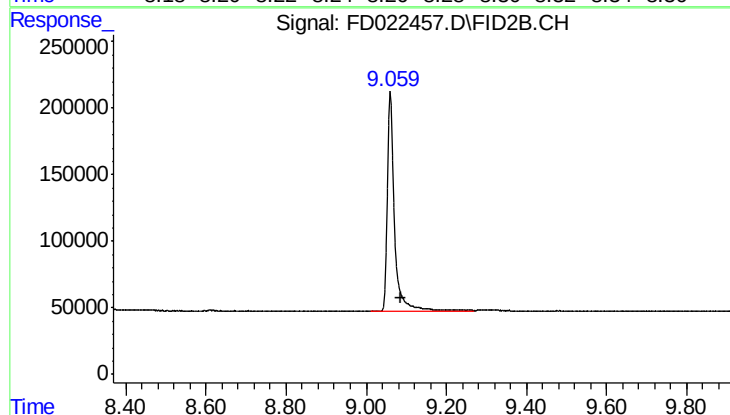
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.190 min
Delta R.T.: -0.035 min
Response: 1039972
Conc: 20.57 ug/ml



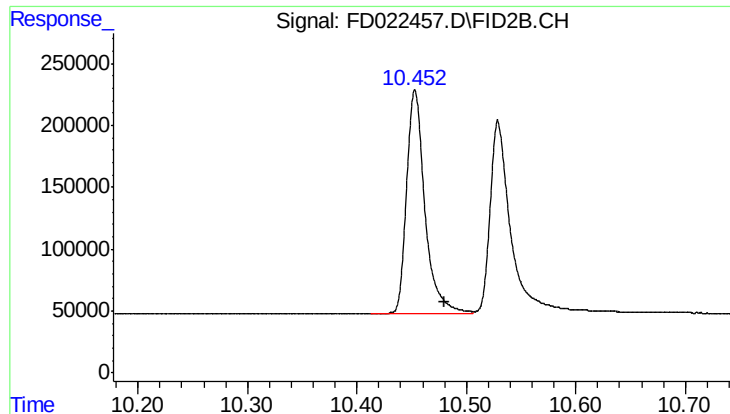
#7 Acenaphthene (C15.5)

R.T.: 8.278 min
Delta R.T.: -0.021 min
Response: 1289259
Conc: 12.59 ug/ml



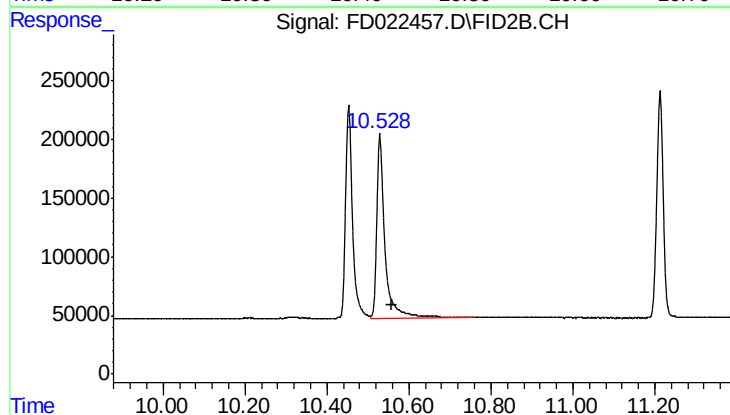
#8 Fluorene (C16.55)

R.T.: 9.060 min
Delta R.T.: -0.026 min
Response: 2027413
Conc: 21.62 ug/ml



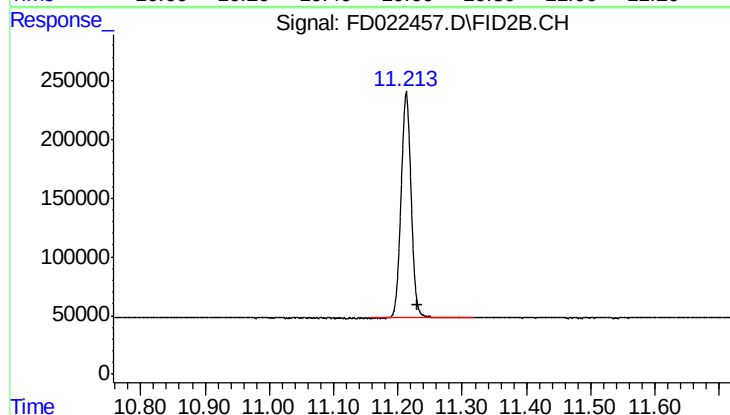
#9 Phenanthrene (C19.36)

R.T.: 10.453 min
Delta R.T.: -0.027 min
Response: 2120249
Conc: 22.76 ug/ml



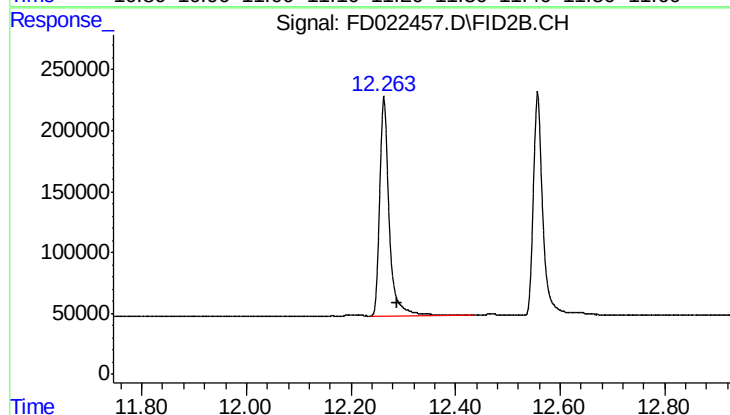
#10 Anthracene (C19.43)

R.T.: 10.529 min
Delta R.T.: -0.030 min
Response: 2150173
Conc: 22.67 ug/ml



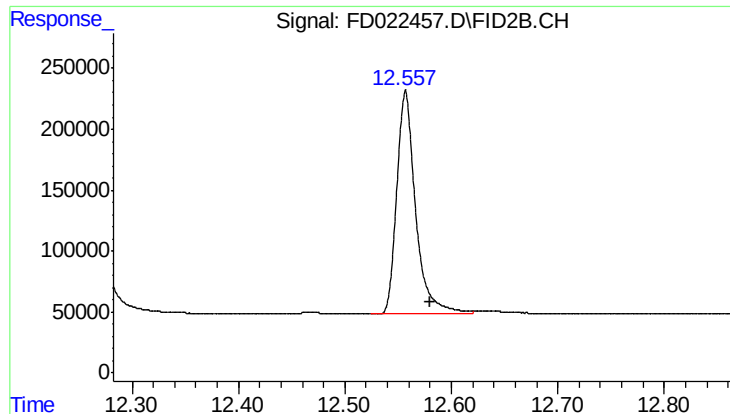
#11 ortho-Terphenyl (SURR)

R.T.: 11.213 min
Delta R.T.: -0.017 min
Response: 2104502
Conc: 22.18 ug/ml



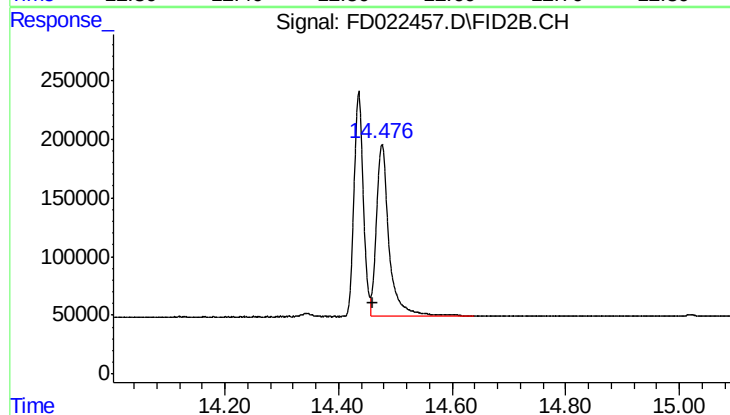
#12 Fluoranthene (C21.85)

R.T.: 12.263 min
Delta R.T.: -0.025 min
Response: 2266963
Conc: 22.60 ug/ml



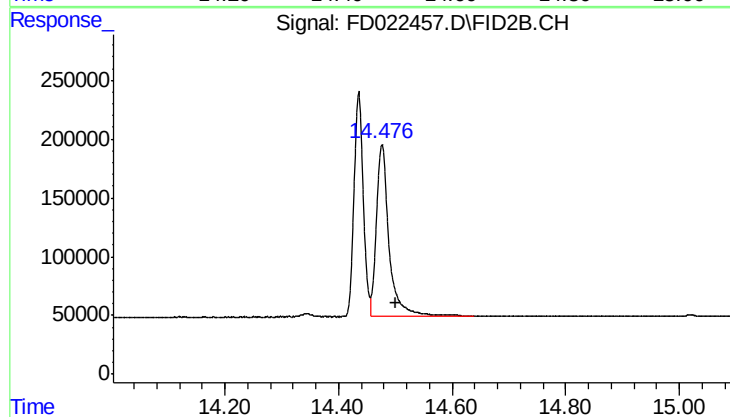
#13 Pyrene (C20.8)

R.T.: 12.557 min
Delta R.T.: -0.023 min
Response: 2263181
Conc: 22.28 ug/ml



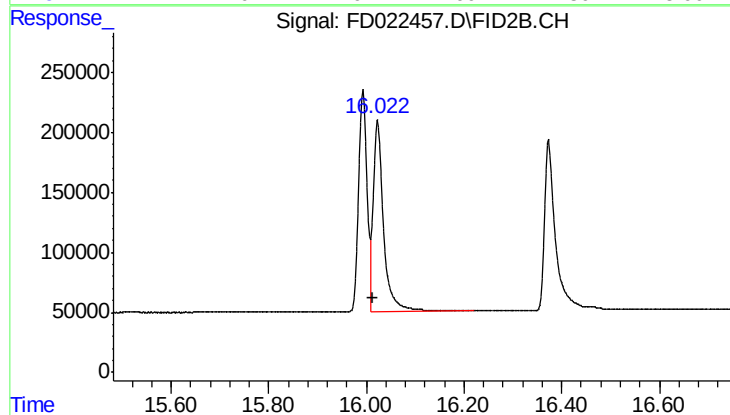
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.477 min
Delta R.T.: 0.017 min
Response: 2276922
Conc: 23.61 ug/ml



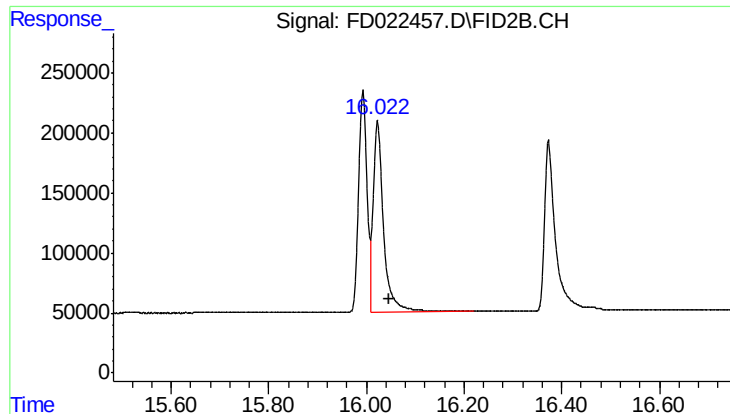
#15 Chrysene (C27.41)

R.T.: 14.477 min
Delta R.T.: -0.024 min
Response: 2276922
Conc: 21.10 ug/ml



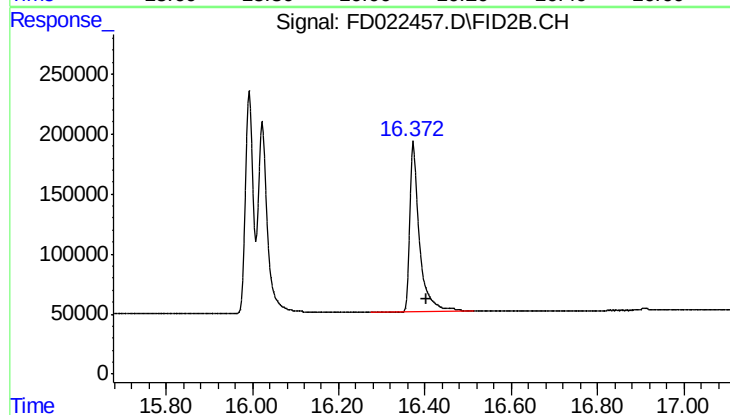
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.023 min
Delta R.T.: 0.011 min
Response: 2373321
Conc: 23.61 ug/ml



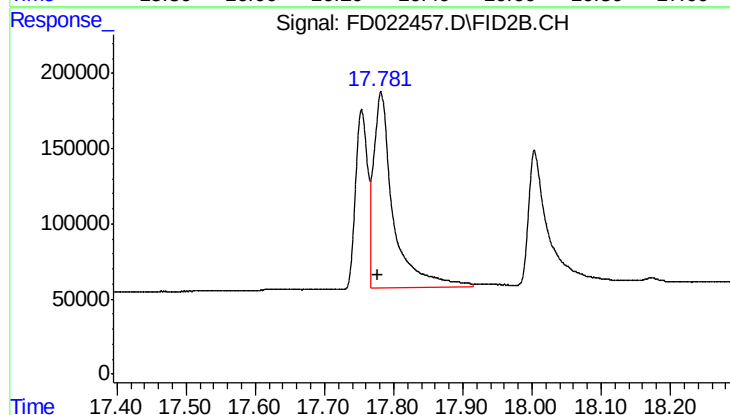
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.023 min
Delta R.T.: -0.023 min
Response: 2373321
Conc: 20.91 ug/ml



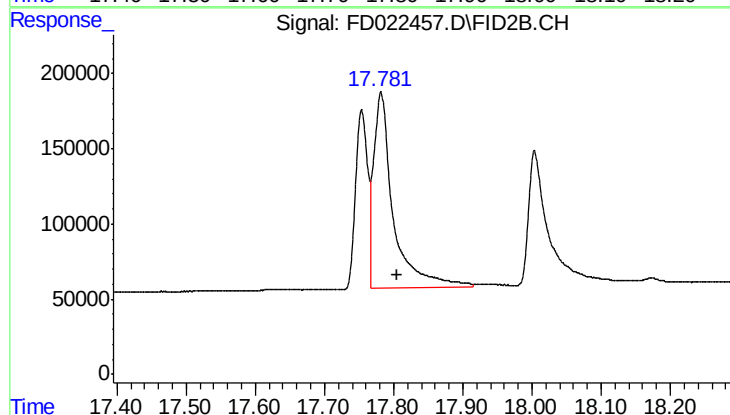
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.373 min
Delta R.T.: -0.032 min
Response: 2182168
Conc: 20.76 ug/ml



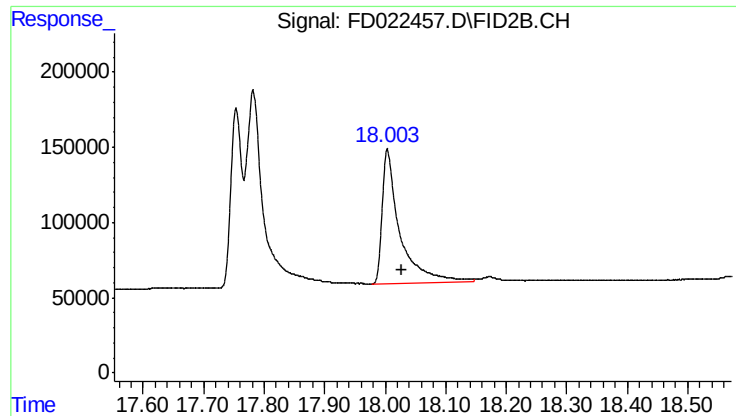
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.782 min
Delta R.T.: 0.004 min
Response: 2593768
Conc: 27.22 ug/ml



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

R.T.: 17.782 min
Delta R.T.: -0.023 min
Response: 2593768
Conc: 22.83 ug/ml



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

R.T.: 18.004 min
Delta R.T.: -0.024 min
Response: 1790988
Conc: 17.24 ug/ml