

Data Path : P:\HPCHEM1\FID_D\Data\FD012418AR\
 Data File : FD019223.D
 Signal(s) : FID2B.CH
 Acq On : 25 Jan 2018 21:54
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 26 04:45:04 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...	7.367	1640616	20.276 ug/ml
Spiked Amount 50.000		Recovery =	40.55%
6) S 2-Fluorobiphenyl (SURR)	8.226	1074777	19.650 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.30%
11) S ortho-Terphenyl (SURR)	11.251	1955715	19.768 ug/ml
Spiked Amount 50.000		Recovery =	39.54%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.173	1827254	20.641 ug/mlm
2) T Naphthalene (C11.7)	5.706	1776595	19.892 ug/ml
3) T 2-Methylnaphthalene (...)	6.755	1808058	19.694 ug/ml
5) T Acenaphthylene (C15.06)	8.023	1882155	19.850 ug/ml
7) T Acenaphthene (C15.5)	8.315	1960882	20.101 ug/ml
8) T Flouorene (C16.55)	9.097	1893893	19.930 ug/ml
9) T Phenanthrene (C19.36)	10.489	1993109	20.048 ug/ml
10) T Anthracene (C19.43)	10.565	1958691	20.142 ug/ml
12) T Fluoranthene (C21.85)	12.298	2131987	20.111 ug/ml
13) T Pyrene (C20.8)	12.592	2090147	19.732 ug/ml
14) T Benzo[a]anthracene (C...	14.467	2042266	19.513 ug/ml
15) T Chrysene (C27.41)	14.508	2180372	20.174 ug/ml
16) T benzo[b]fluoranthene ...	16.020	2101881	19.536 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.052	2251165	19.874 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.402	2034561	18.665 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.775	1525705	15.422 ug/mlm
20) T Dibenz[a,h]anthracene...	17.807	2232206	19.476 ug/ml
21) T Benzo[g,h,i]perylene ...	18.025	1756797	16.834 ug/ml

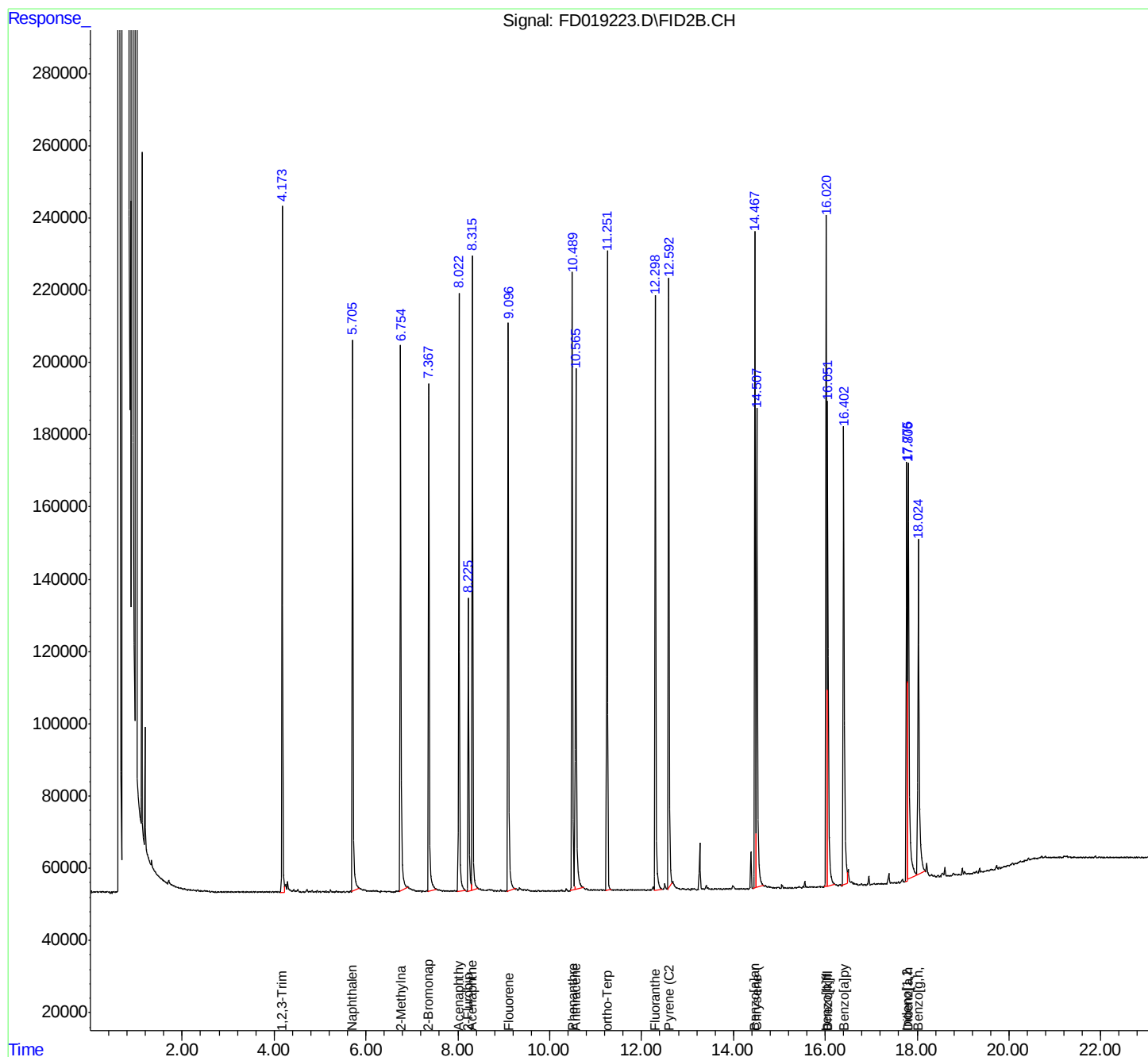
(f)=RT Delta > 1/2 Window

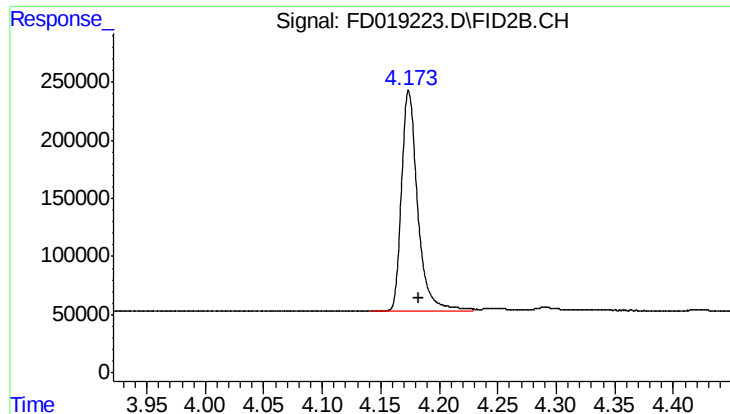
(m)=manual int.

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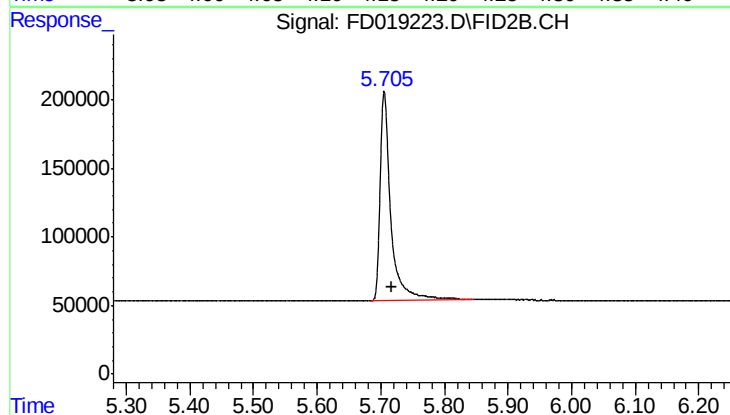
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Signal Info : 20M x 0.18mm x 0.18µm





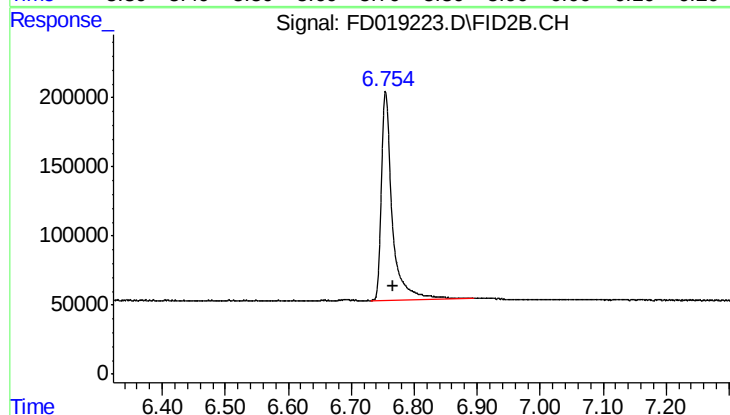
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.173 min
Delta R.T.: -0.009 min
Response: 1827254
Conc: 20.64 ug/ml m



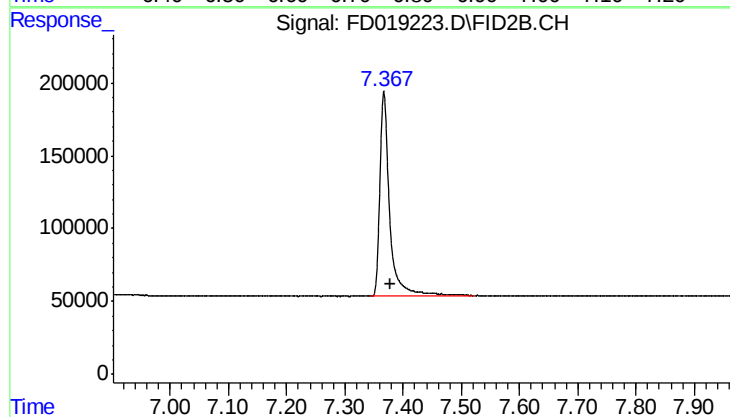
#2 Naphthalene (C11.7)

R.T.: 5.706 min
Delta R.T.: -0.012 min
Response: 1776595
Conc: 19.89 ug/ml



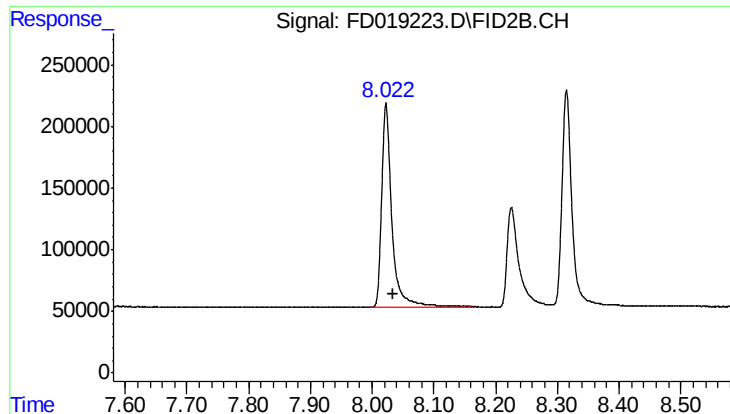
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.755 min
Delta R.T.: -0.012 min
Response: 1808058
Conc: 19.69 ug/ml



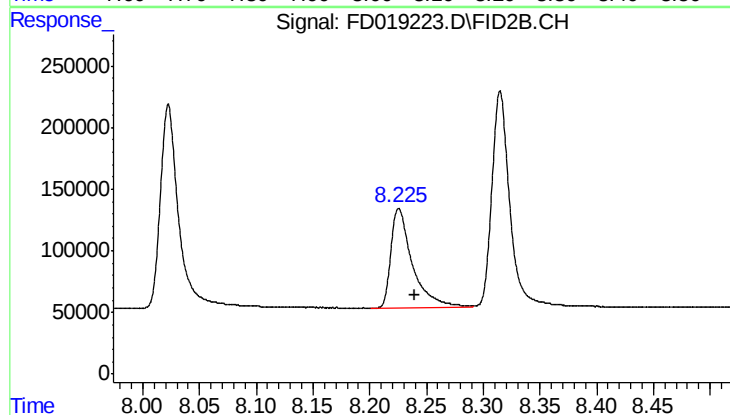
#4 2-Bromonaphthalene (SURR)

R.T.: 7.367 min
Delta R.T.: -0.011 min
Response: 1640616
Conc: 20.28 ug/ml



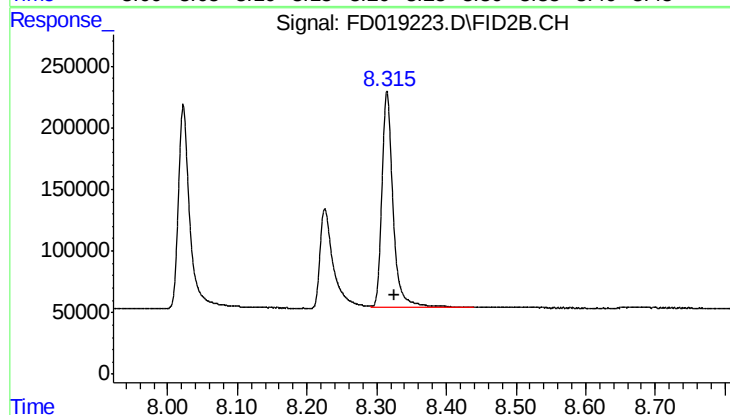
#5 Acenaphthylene (C15.06)

R.T.: 8.023 min
Delta R.T.: -0.011 min
Response: 1882155
Conc: 19.85 ug/ml



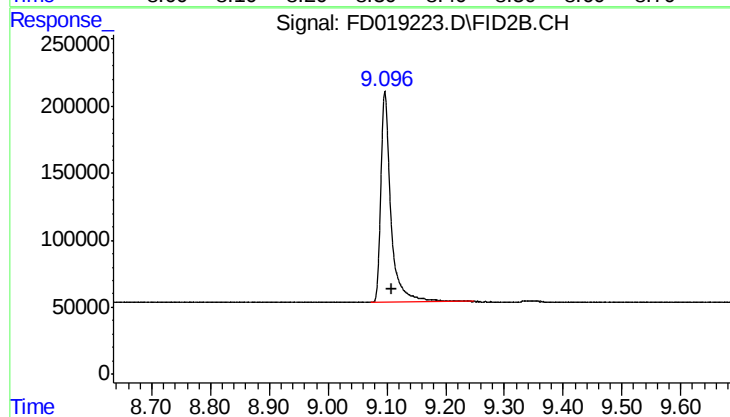
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.226 min
Delta R.T.: -0.014 min
Response: 1074777
Conc: 19.65 ug/ml



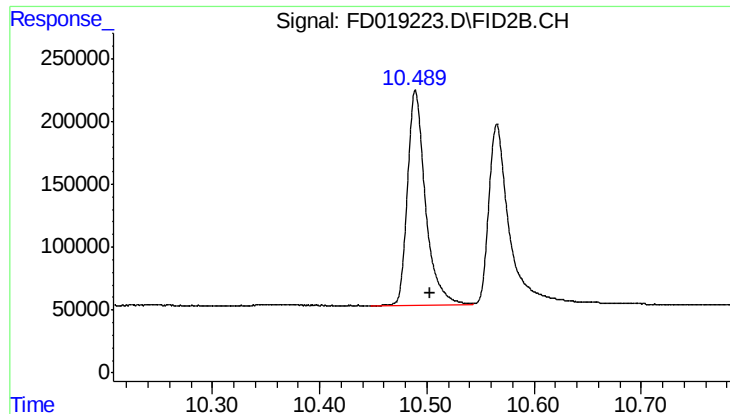
#7 Acenaphthene (C15.5)

R.T.: 8.315 min
Delta R.T.: -0.011 min
Response: 1960882
Conc: 20.10 ug/ml



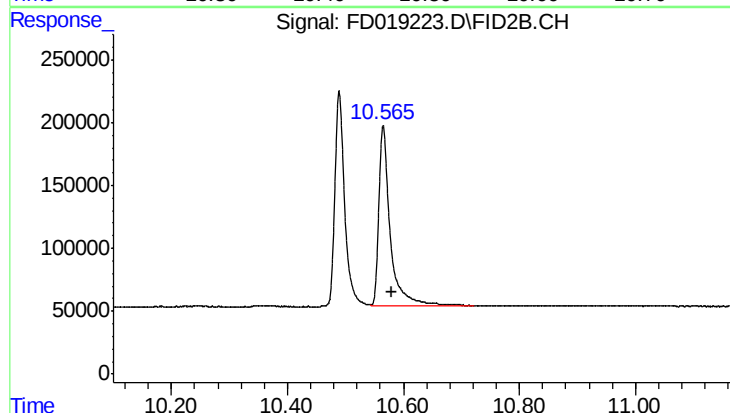
#8 Fluorene (C16.55)

R.T.: 9.097 min
Delta R.T.: -0.013 min
Response: 1893893
Conc: 19.93 ug/ml



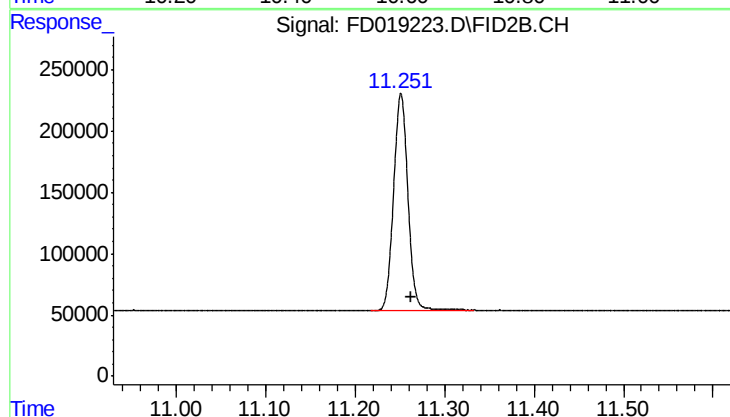
#9 Phenanthrene (C19.36)

R.T.: 10.489 min
Delta R.T.: -0.013 min
Response: 1993109
Conc: 20.05 ug/ml



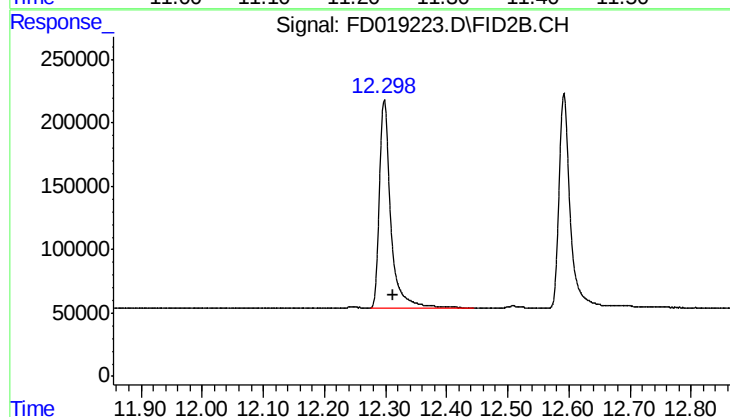
#10 Anthracene (C19.43)

R.T.: 10.565 min
Delta R.T.: -0.015 min
Response: 1958691
Conc: 20.14 ug/ml



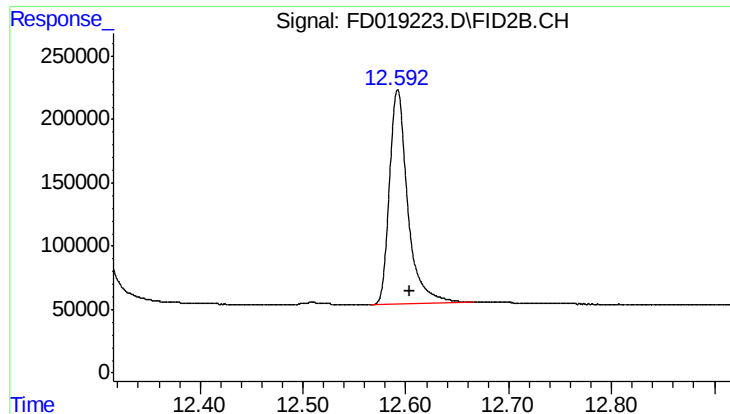
#11 ortho-Terphenyl (SURR)

R.T.: 11.251 min
Delta R.T.: -0.012 min
Response: 1955715
Conc: 19.77 ug/ml



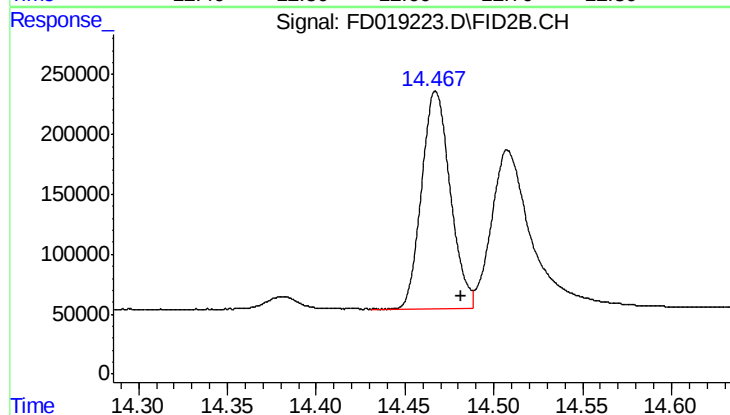
#12 Fluoranthene (C21.85)

R.T.: 12.298 min
Delta R.T.: -0.014 min
Response: 2131987
Conc: 20.11 ug/ml



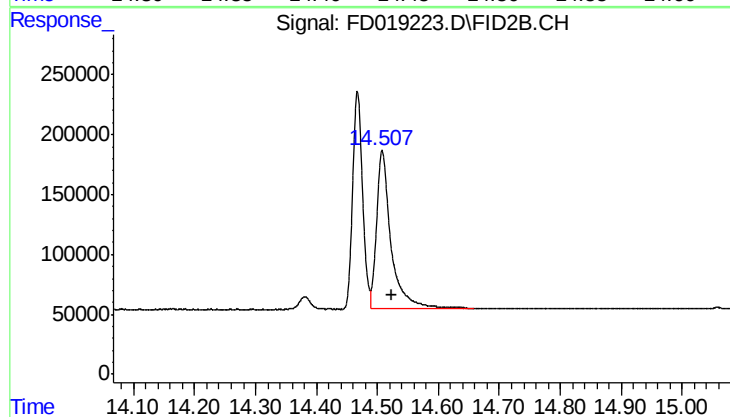
#13 Pyrene (C20.8)

R.T.: 12.592 min
Delta R.T.: -0.012 min
Response: 2090147
Conc: 19.73 ug/ml



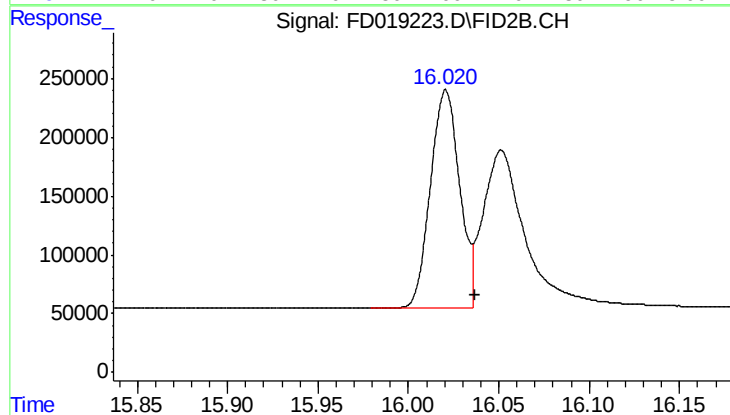
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.467 min
Delta R.T.: -0.014 min
Response: 2042266
Conc: 19.51 ug/ml



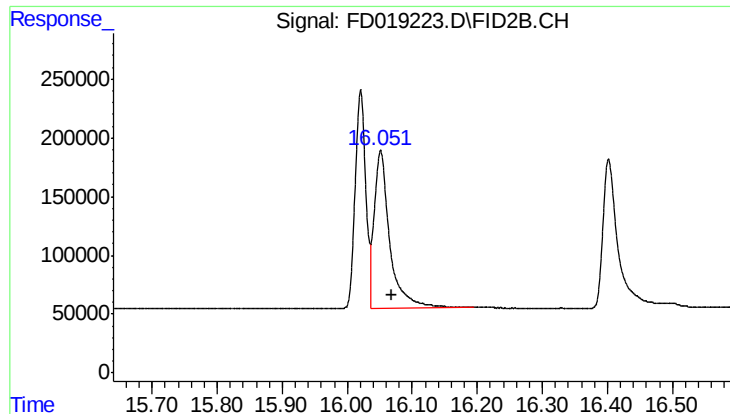
#15 Chrysene (C27.41)

R.T.: 14.508 min
Delta R.T.: -0.016 min
Response: 2180372
Conc: 20.17 ug/ml



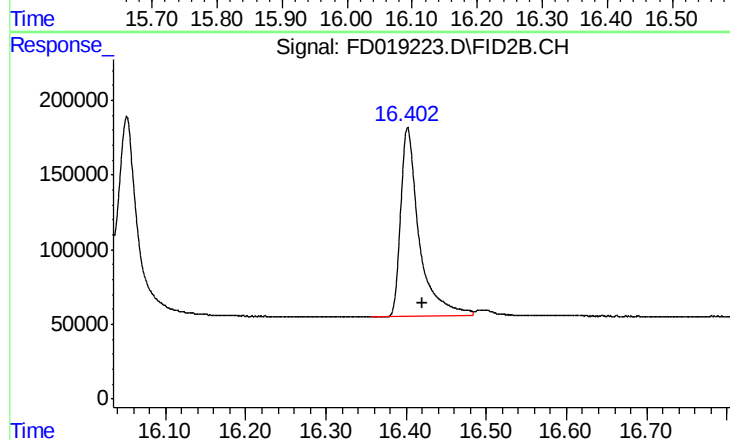
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.020 min
Delta R.T.: -0.016 min
Response: 2101881
Conc: 19.54 ug/ml m



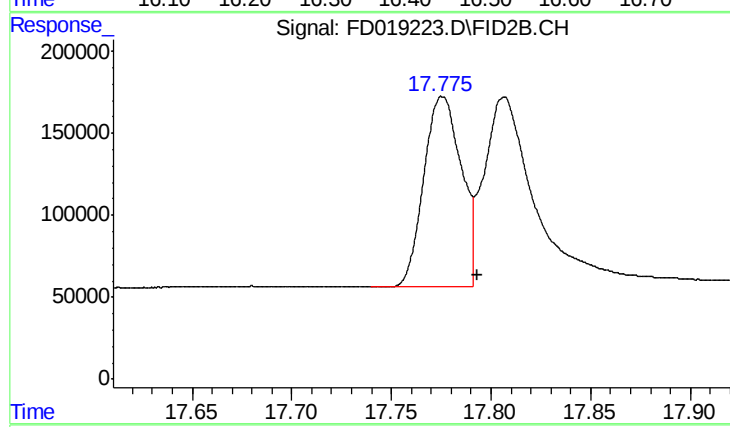
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.052 min
Delta R.T.: -0.016 min
Response: 2251165
Conc: 19.87 ug/ml



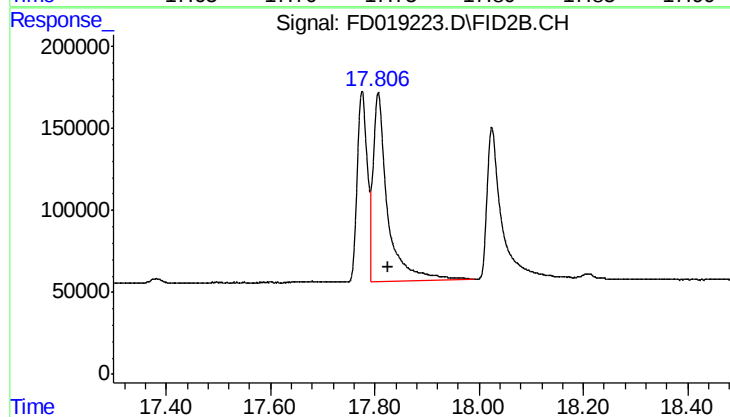
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.402 min
Delta R.T.: -0.019 min
Response: 2034561
Conc: 18.67 ug/ml



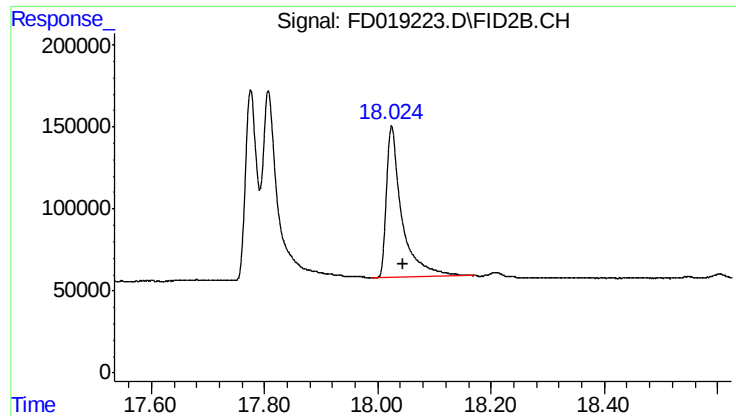
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.775 min
Delta R.T.: -0.019 min
Response: 1525705
Conc: 15.42 ug/ml m



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

R.T.: 17.807 min
Delta R.T.: -0.019 min
Response: 2232206
Conc: 19.48 ug/ml



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

R.T.: 18.025 min
Delta R.T.: -0.019 min
Response: 1756797
Conc: 16.83 ug/ml