

Data Path : P:\HPCHEM1\FID D\Data\FD021418AR\
 Data File : FD020022.D
 Signal(s) : FID2B.CH
 Acq On : 14 Feb 2018 16:16
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Feb 16 10:41:33 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...	7.351	1473160	18.207 ug/ml
Spiked Amount 50.000		Recovery =	36.41%
6) S 2-Fluorobiphenyl (SURR)	8.213	930908	17.019 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	34.04%
11) S ortho-Terphenyl (SURR)	11.233	1698334	17.167 ug/ml
Spiked Amount 50.000		Recovery =	34.33%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.155	1644320	18.574 ug/ml
2) T Naphthalene (C11.7)	5.689	1610753	18.035 ug/ml
3) T 2-Methylnaphthalene (...)	6.738	1645688	17.926 ug/ml
5) T Acenaphthylene (C15.06)	8.007	1690019	17.823 ug/ml
7) T Acenaphthene (C15.5)	8.299	1788798	18.337 ug/ml
8) T Fluorene (C16.55)	9.082	1635957	17.215 ug/ml
9) T Phenanthrene (C19.36)	10.475	1698079	17.081 ug/ml
10) T Anthracene (C19.43)	10.552	1694187	17.422 ug/ml
12) T Fluoranthene (C21.85)	12.284	1823206	17.198 ug/ml
13) T Pyrene (C20.8)	12.576	1828107	17.258 ug/ml
14) T Benzo[<i>a</i>]anthracene (C...	14.453	1787102	17.075 ug/mlm
15) T Chrysene (C27.41)	14.496	1894053	17.525 ug/ml
16) T benzo[<i>b</i>]fluoranthene ...	16.008	1818080	16.898 ug/mlm
17) T Benzo[<i>k</i>]fluoranthene ...	16.040	2004773	17.699 ug/ml
18) T Benzo[<i>a</i>]pyrene (C31.34)	16.393	1880814	17.255 ug/ml
19) T Indeno[1,2,3- <i>cd</i>]pyren...	17.765	1733339	17.521 ug/mlm
20) T Dibenz[<i>a,h</i>]anthracene...	17.795	1877092	16.377 ug/mlm
21) T Benzo[<i>a,h,i</i>]pervlene ...	18.015	1867961	17.899 ug/ml

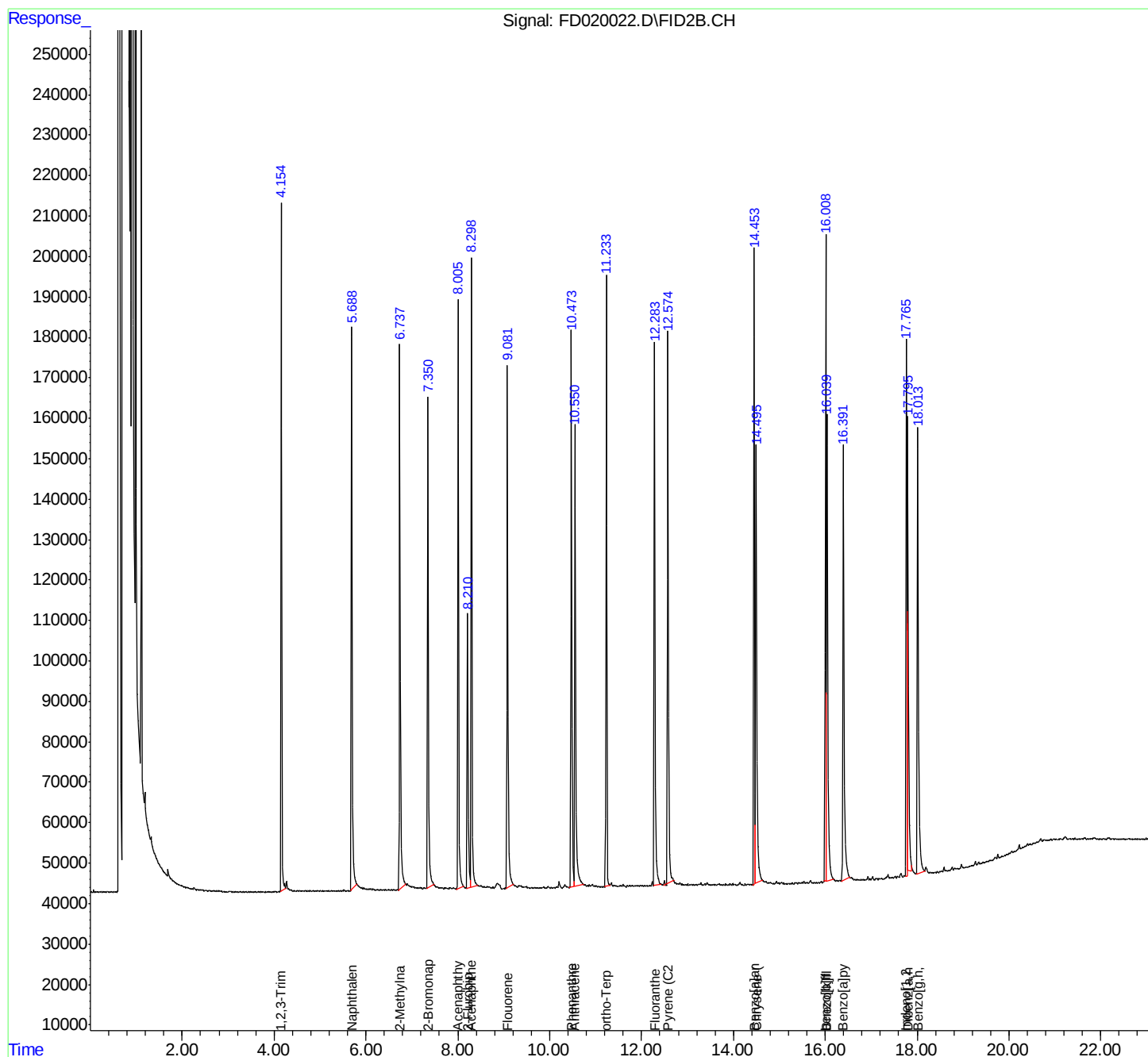
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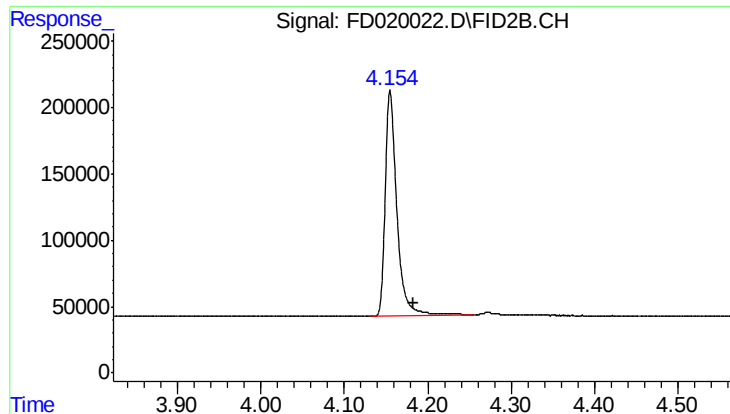
(m)=manual int.

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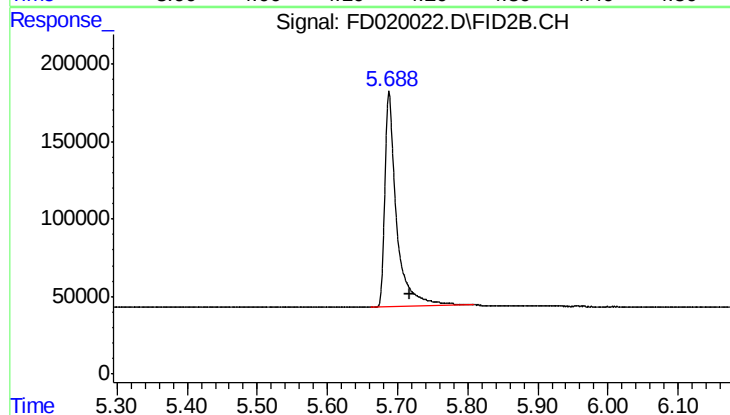
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





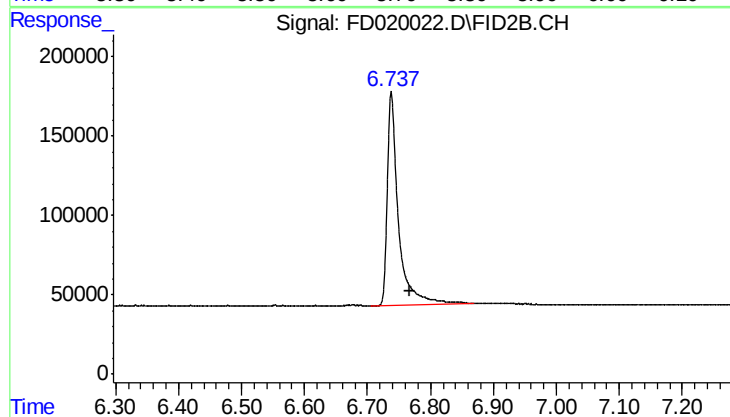
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.155 min
Delta R.T.: -0.027 min
Response: 1644320
Conc: 18.57 ug/ml



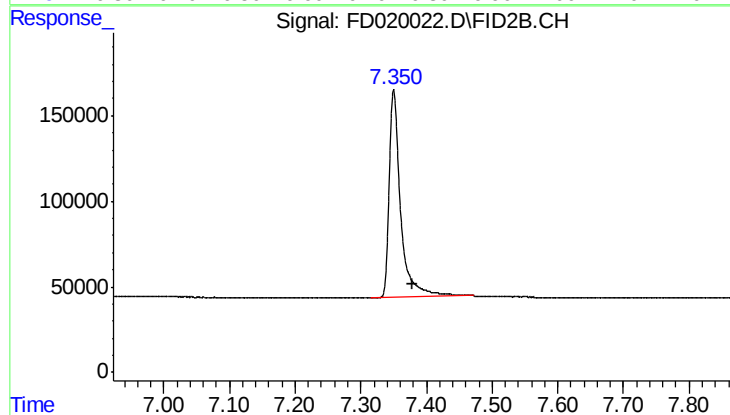
#2 Naphthalene (C11.7)

R.T.: 5.689 min
Delta R.T.: -0.029 min
Response: 1610753
Conc: 18.03 ug/ml



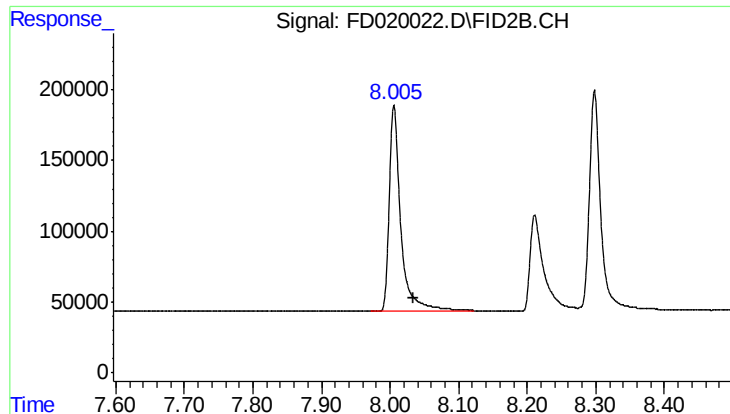
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.738 min
Delta R.T.: -0.028 min
Response: 1645688
Conc: 17.93 ug/ml



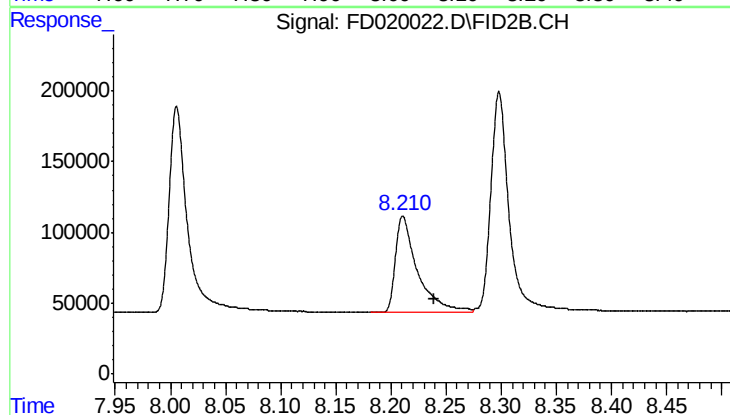
#4 2-Bromonaphthalene (SURR)

R.T.: 7.351 min
Delta R.T.: -0.027 min
Response: 1473160
Conc: 18.21 ug/ml



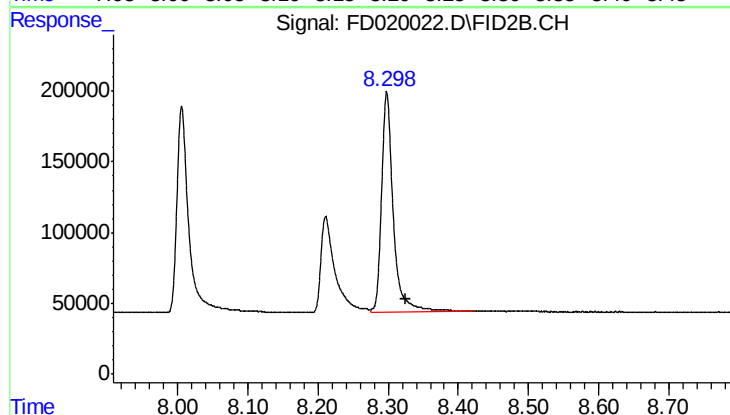
#5 Acenaphthylene (C15.06)

R.T.: 8.007 min
Delta R.T.: -0.027 min
Response: 1690019
Conc: 17.82 ug/ml



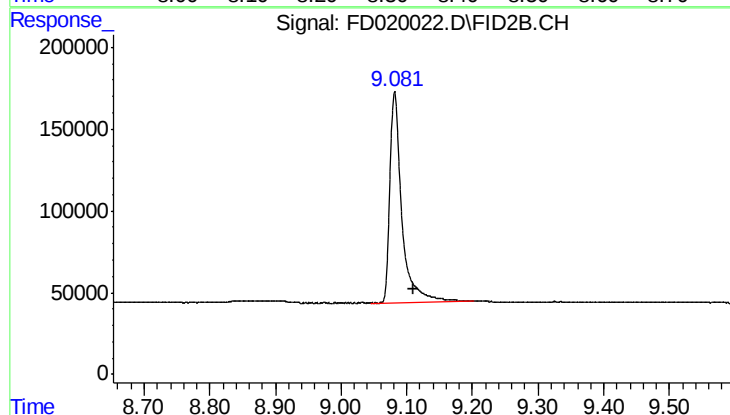
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.213 min
Delta R.T.: -0.027 min
Response: 930908
Conc: 17.02 ug/ml



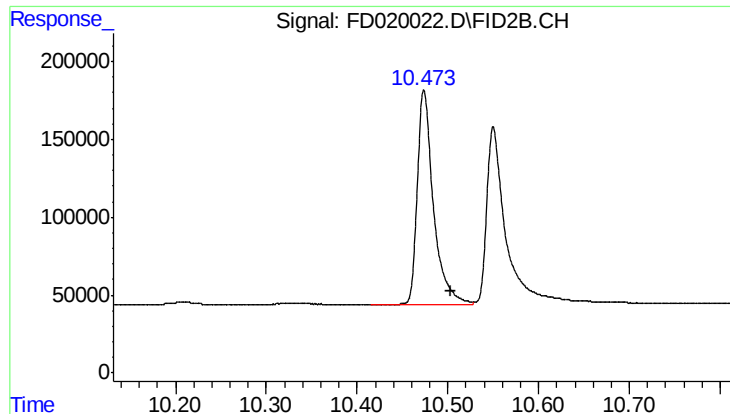
#7 Acenaphthene (C15.5)

R.T.: 8.299 min
Delta R.T.: -0.027 min
Response: 1788798
Conc: 18.34 ug/ml



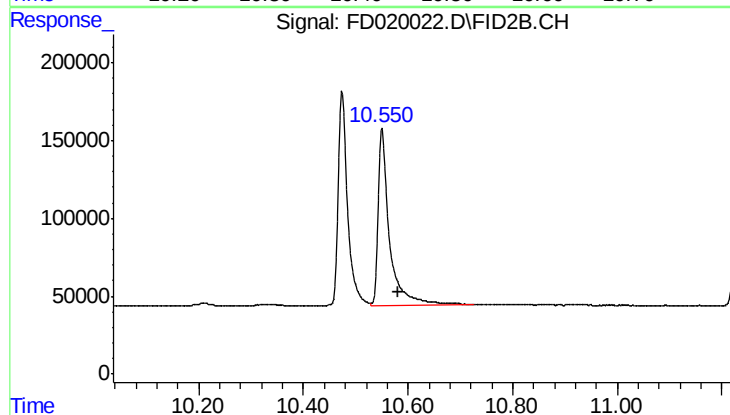
#8 Fluorene (C16.55)

R.T.: 9.082 min
Delta R.T.: -0.027 min
Response: 1635957
Conc: 17.22 ug/ml



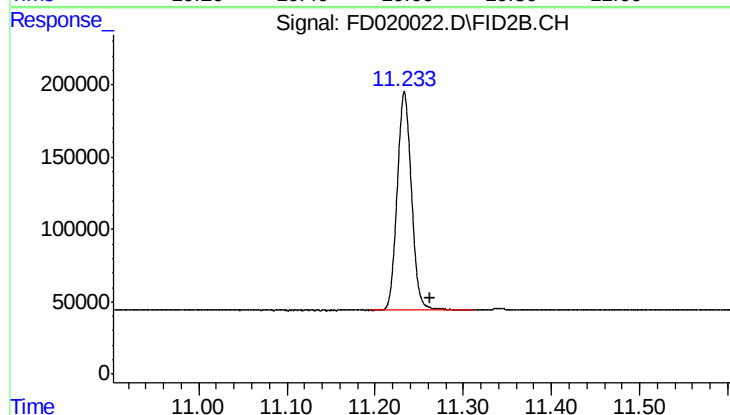
#9 Phenanthrene (C19.36)

R.T.: 10.475 min
Delta R.T.: -0.028 min
Response: 1698079
Conc: 17.08 ug/ml



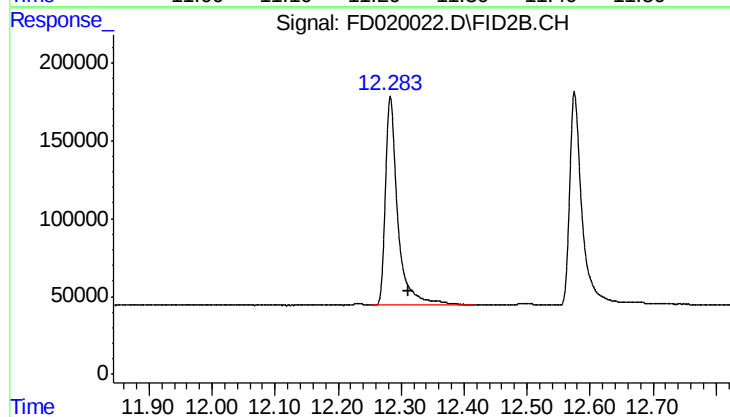
#10 Anthracene (C19.43)

R.T.: 10.552 min
Delta R.T.: -0.029 min
Response: 1694187
Conc: 17.42 ug/ml



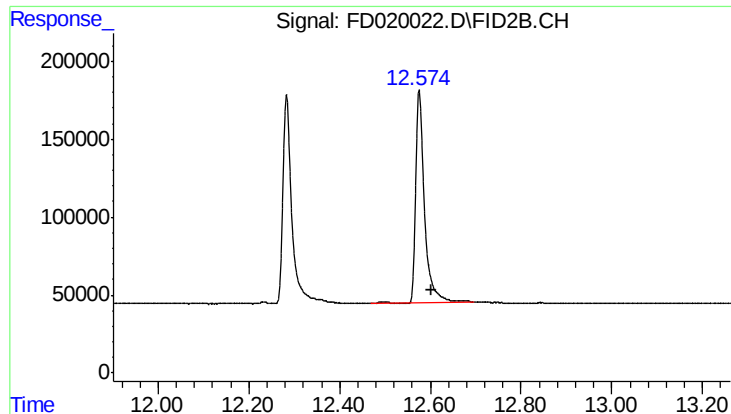
#11 ortho-Terphenyl (SURR)

R.T.: 11.233 min
Delta R.T.: -0.030 min
Response: 1698334
Conc: 17.17 ug/ml



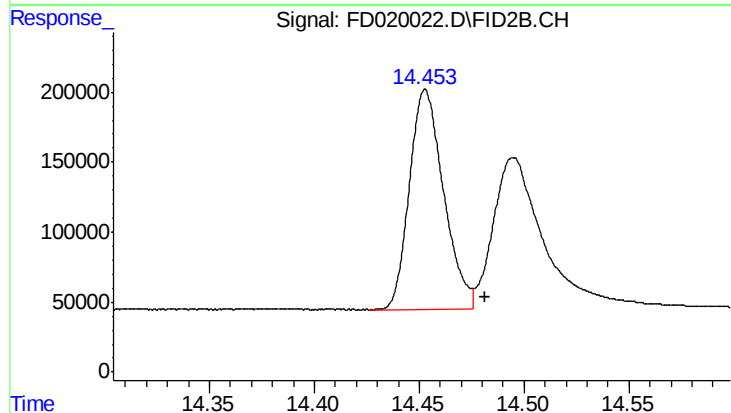
#12 Fluoranthene (C21.85)

R.T.: 12.284 min
Delta R.T.: -0.029 min
Response: 1823206
Conc: 17.20 ug/ml



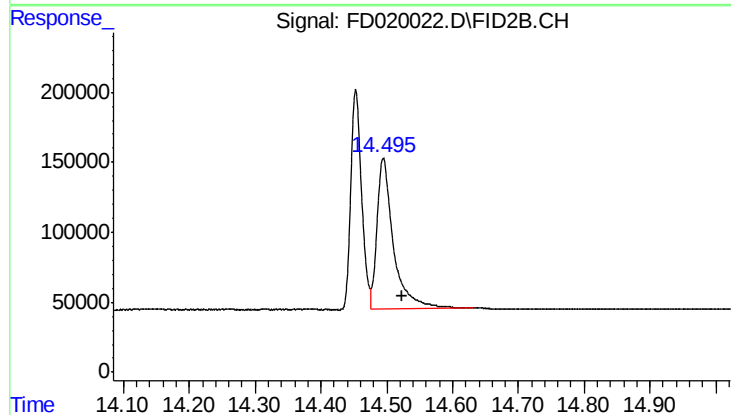
#13 Pyrene (C20.8)

R.T.: 12.576 min
Delta R.T.: -0.028 min
Response: 1828107
Conc: 17.26 ug/ml



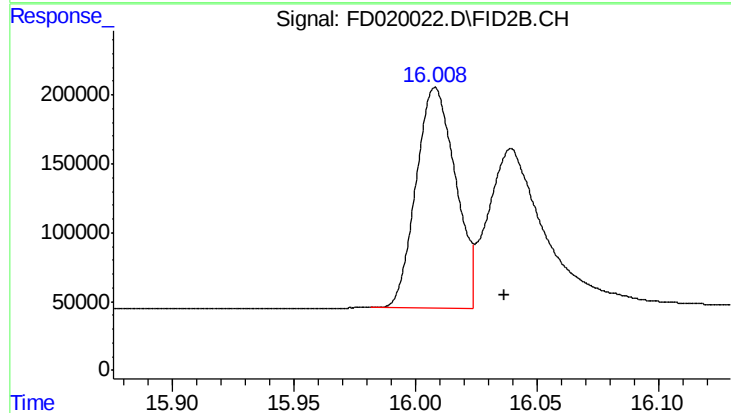
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.453 min
Delta R.T.: -0.029 min
Response: 1787102
Conc: 17.08 ug/ml m



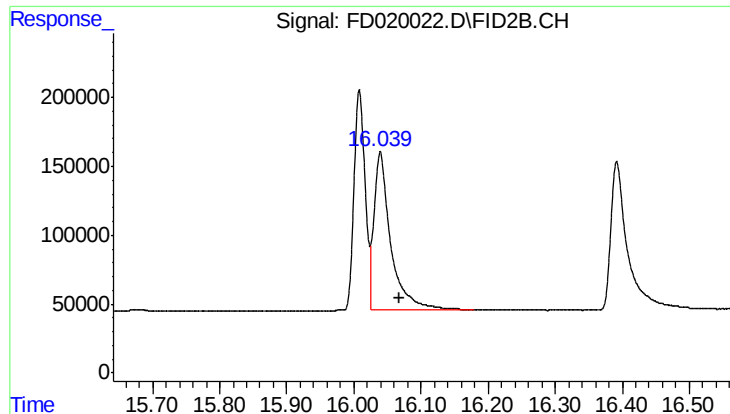
#15 Chrysene (C27.41)

R.T.: 14.496 min
Delta R.T.: -0.028 min
Response: 1894053
Conc: 17.53 ug/ml



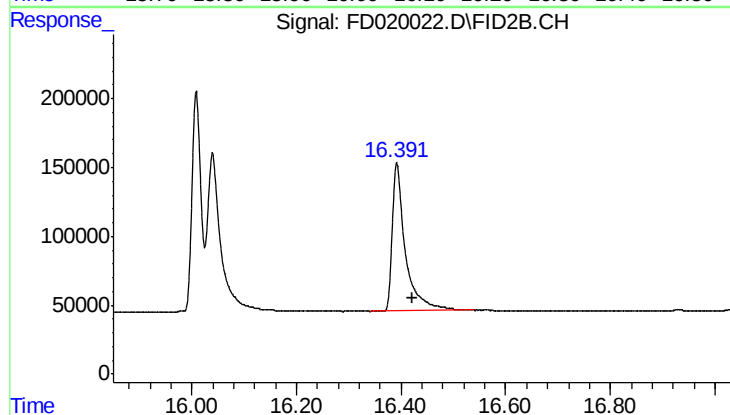
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.008 min
Delta R.T.: -0.029 min
Response: 1818080
Conc: 16.90 ug/ml m



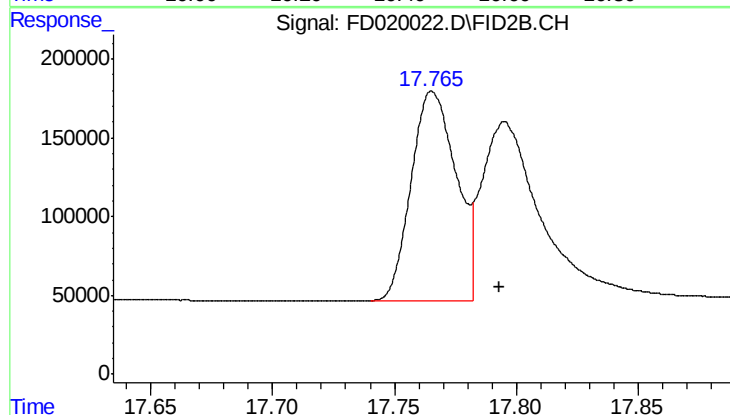
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.040 min
Delta R.T.: -0.028 min
Response: 2004773
Conc: 17.70 ug/ml



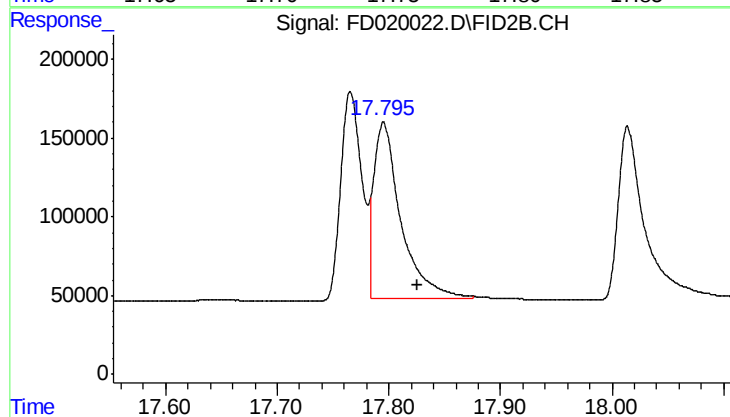
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.393 min
Delta R.T.: -0.028 min
Response: 1880814
Conc: 17.25 ug/ml



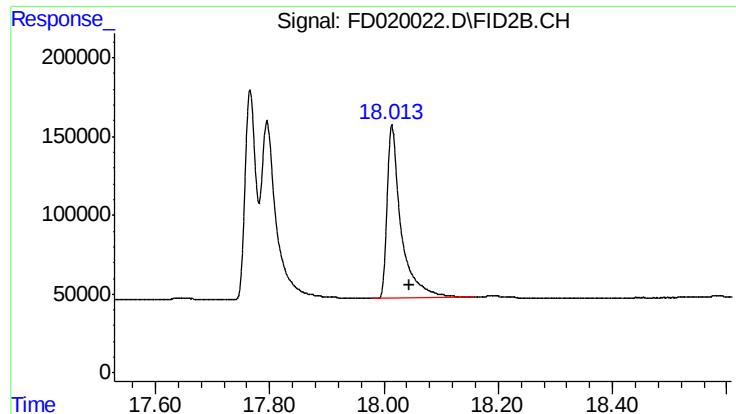
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.765 min
Delta R.T.: -0.028 min
Response: 1733339
Conc: 17.52 ug/ml m



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

R.T.: 17.795 min
Delta R.T.: -0.031 min
Response: 1877092
Conc: 16.38 ug/ml m



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

R.T.: 18.015 min
Delta R.T.: -0.028 min
Response: 1867961
Conc: 17.90 ug/ml