

Data Path : P:\HPCHEM1\FID D\Data\FD022018AR\
 Data File : FD020090.D
 Signal(s) : FID2B.CH
 Acq On : 20 Feb 2018 16:15
 Operator : UA/AJ
 Sample : 10 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 21 04:36:55 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 022018.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 21 04:33:17 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...	7.350	850943	10.017 ug/ml
Spiked Amount 50.000		Recovery =	20.03%
6) S 2-Fluorobiphenyl (SURR)	8.214	491411	9.403 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	18.81%
11) S ortho-Terphenyl (SURR)	11.231	978134	10.460 ug/ml
Spiked Amount 50.000		Recovery =	20.92%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.157	883371	9.848 ug/ml
2) T Naphthalene (C11.7)	5.690	893115	9.856 ug/ml
3) T 2-Methylnaphthalene (...)	6.740	906510	9.936 ug/ml
5) T Acenaphthylene (C15.06)	8.005	987461	10.364 ug/ml
7) T Acenaphthene (C15.5)	8.297	1082259	10.671 ug/ml
8) T Fluorene (C16.55)	9.081	963945	10.225 ug/ml
9) T Phenanthrene (C19.36)	10.474	933365	9.978 ug/ml
10) T Anthracene (C19.43)	10.551	950299	9.969 ug/ml
12) T Fluoranthene (C21.85)	12.283	1019376	10.142 ug/ml
13) T Pyrene (C20.8)	12.575	1035746	10.316 ug/ml
14) T Benzo[<i>a</i>]anthracene (C...	14.453	945666	9.636 ug/ml
15) T Chrysene (C27.41)	14.495	1113270	10.459 ug/ml
16) T benzo[<i>b</i>]fluoranthene ...	16.007	989689	9.748 ug/ml
17) T Benzo[<i>k</i>]fluoranthene ...	16.040	1190385	10.614 ug/ml
18) T Benzo[<i>a</i>]pyrene (C31.34)	16.394	1080311	10.385 ug/ml
19) T Indeno[1,2,3- <i>cd</i>]pyren...	17.768	892335	9.529 ug/ml
20) T Dibenz[<i>a,h</i>]anthracene...	17.797	1206926	10.582 ug/ml
21) T Benzo[<i>a,h,i</i>]perylene ...	18.016	1047021	10.138 ug/ml

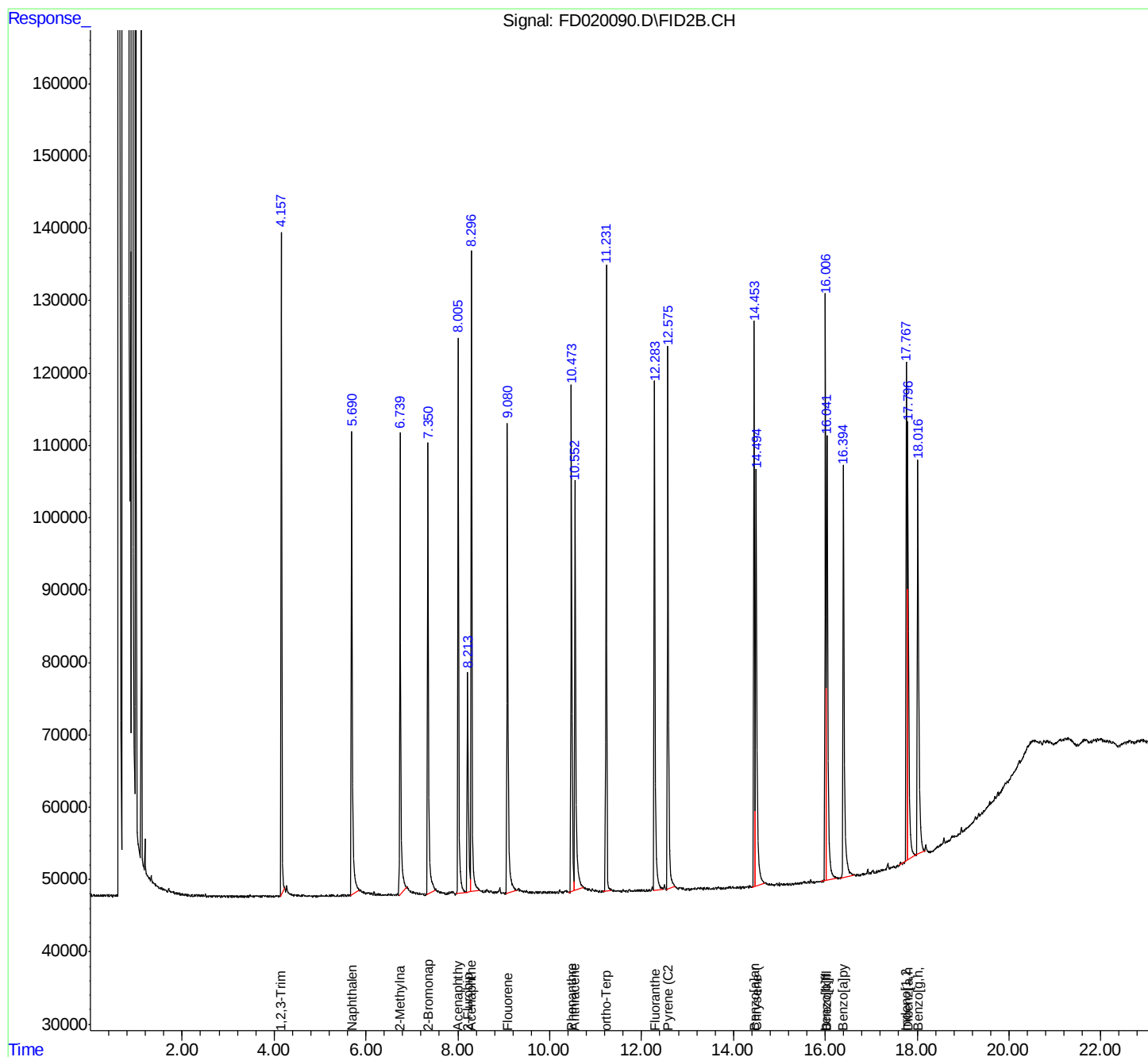
(f)=RT Delta > 1/2 Window

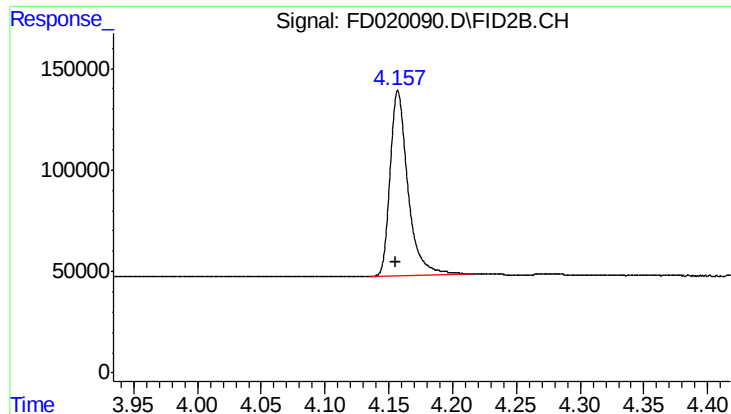
(m)=manual int.

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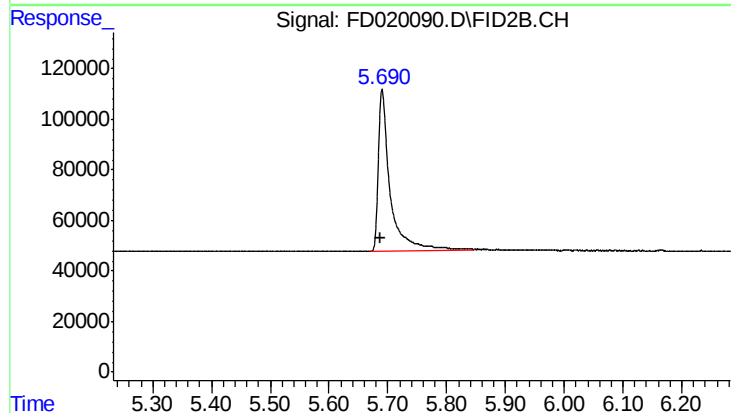
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





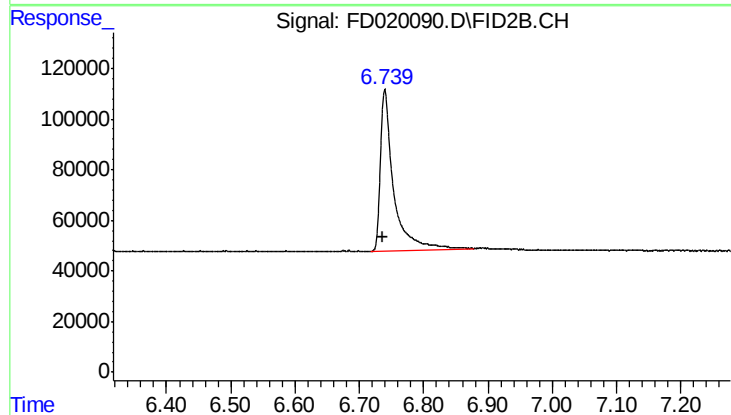
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.157 min
Delta R.T.: 0.002 min
Response: 883371
Conc: 9.85 ug/ml



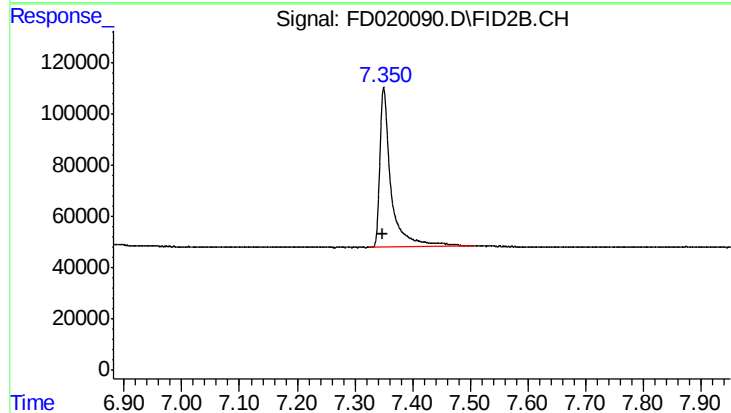
#2 Naphthalene (C11.7)

R.T.: 5.690 min
Delta R.T.: 0.004 min
Response: 893115
Conc: 9.86 ug/ml



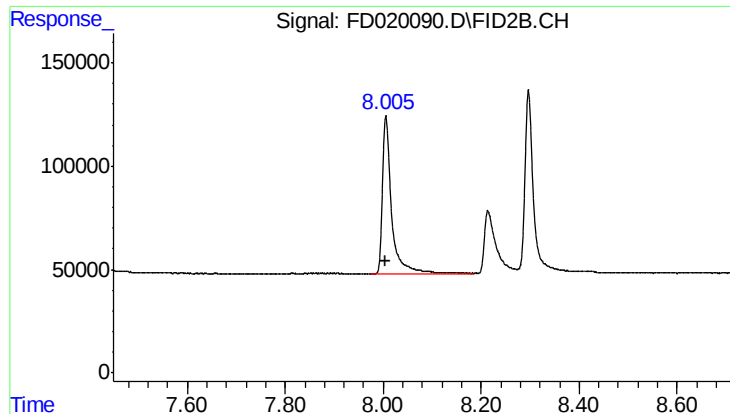
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.740 min
Delta R.T.: 0.003 min
Response: 906510
Conc: 9.94 ug/ml



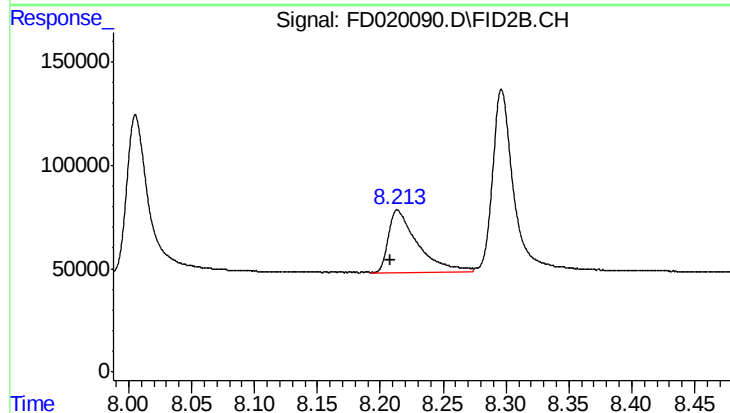
#4 2-Bromonaphthalene (SURR)

R.T.: 7.350 min
Delta R.T.: 0.002 min
Response: 850943
Conc: 10.02 ug/ml



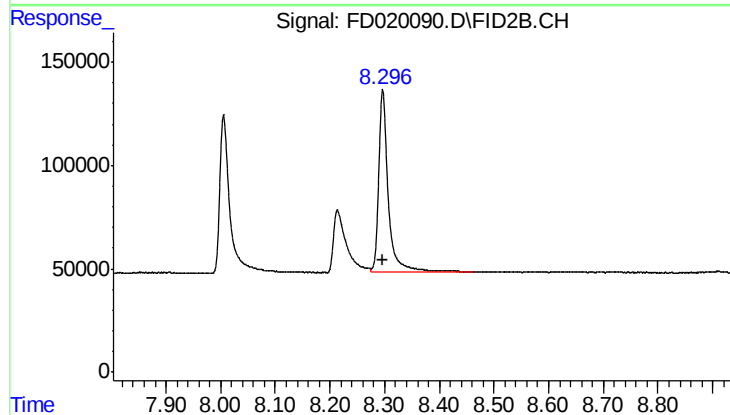
#5 Acenaphthylene (C15.06)

R.T.: 8.005 min
Delta R.T.: 0.002 min
Response: 987461
Conc: 10.36 ug/ml



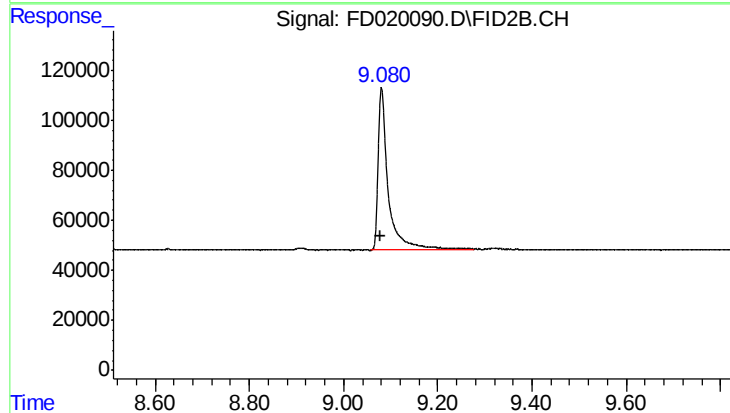
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.214 min
Delta R.T.: 0.006 min
Response: 491411
Conc: 9.40 ug/ml



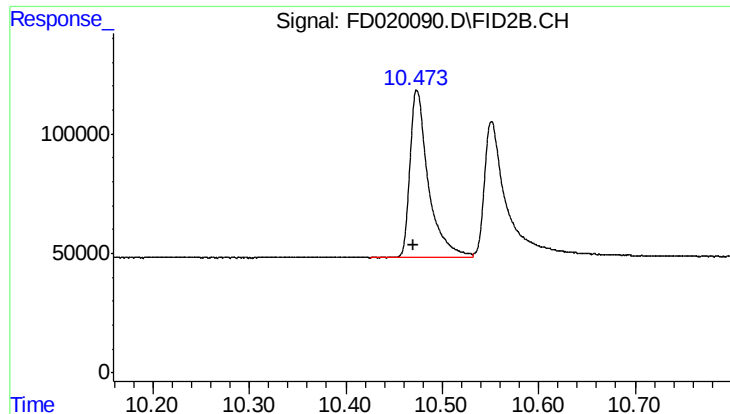
#7 Acenaphthene (C15.5)

R.T.: 8.297 min
Delta R.T.: 0.000 min
Response: 1082259
Conc: 10.67 ug/ml



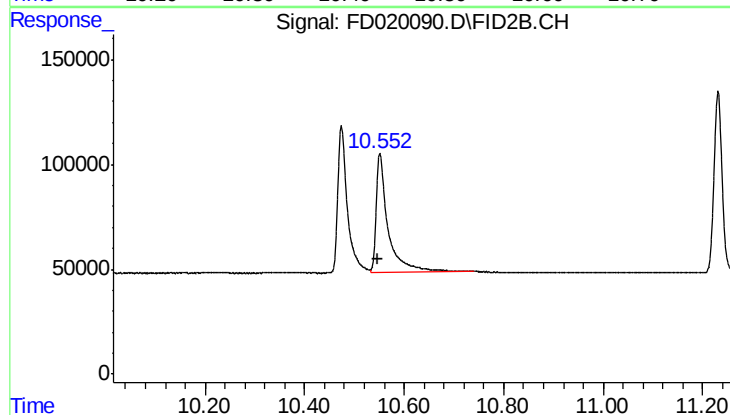
#8 Fluorene (C16.55)

R.T.: 9.081 min
Delta R.T.: 0.002 min
Response: 963945
Conc: 10.22 ug/ml



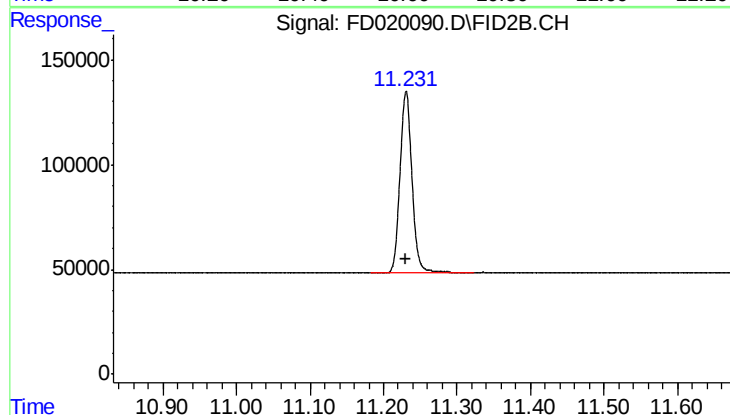
#9 Phenanthrene (C19.36)

R.T.: 10.474 min
Delta R.T.: 0.003 min
Response: 933365
Conc: 9.98 ug/ml



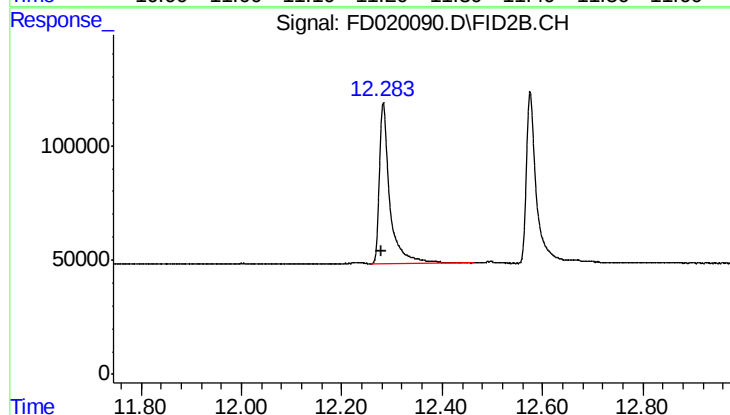
#10 Anthracene (C19.43)

R.T.: 10.551 min
Delta R.T.: 0.005 min
Response: 950299
Conc: 9.97 ug/ml



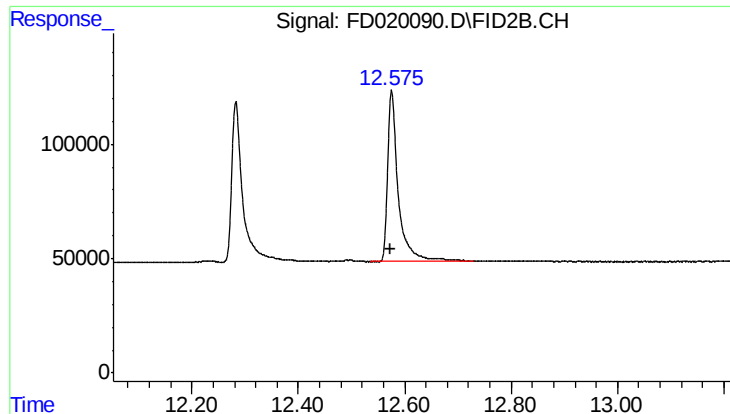
#11 ortho-Terphenyl (SURR)

R.T.: 11.231 min
Delta R.T.: 0.000 min
Response: 978134
Conc: 10.46 ug/ml



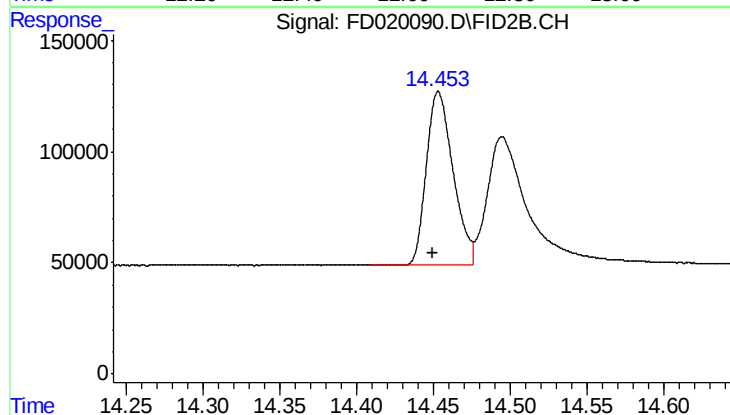
#12 Fluoranthene (C21.85)

R.T.: 12.283 min
Delta R.T.: 0.004 min
Response: 1019376
Conc: 10.14 ug/ml



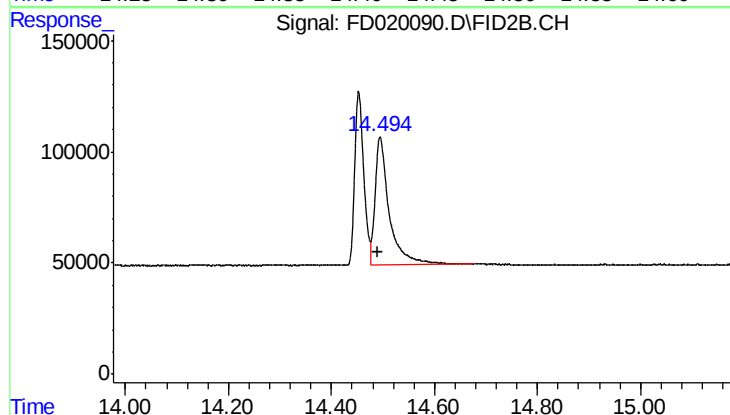
#13 Pyrene (C20.8)

R.T.: 12.575 min
Delta R.T.: 0.003 min
Response: 1035746
Conc: 10.32 ug/ml



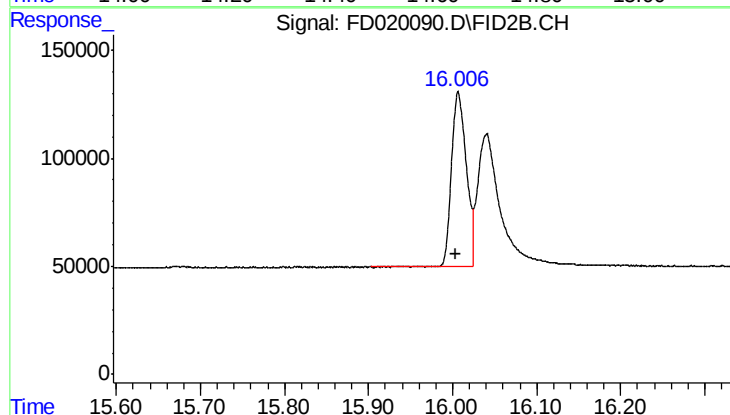
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.453 min
Delta R.T.: 0.004 min
Response: 945666
Conc: 9.64 ug/ml



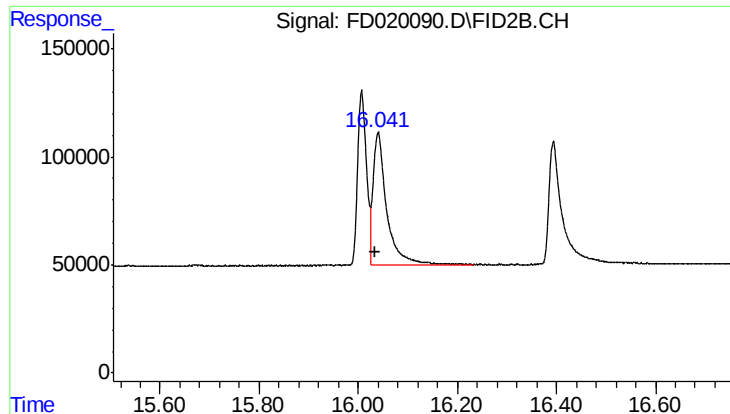
#15 Chrysene (C27.41)

R.T.: 14.495 min
Delta R.T.: 0.004 min
Response: 1113270
Conc: 10.46 ug/ml



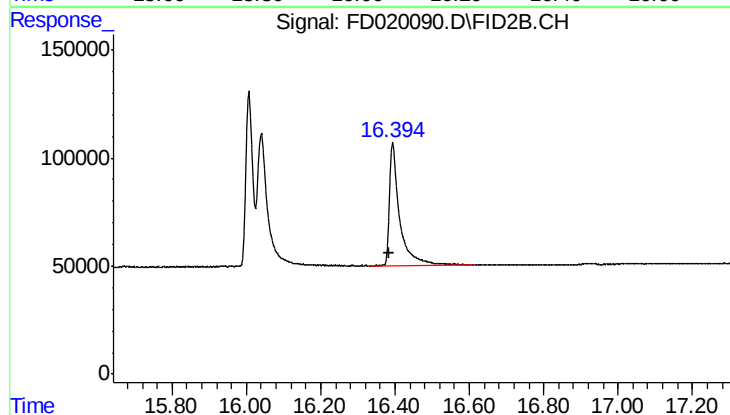
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.007 min
Delta R.T.: 0.002 min
Response: 989689
Conc: 9.75 ug/ml



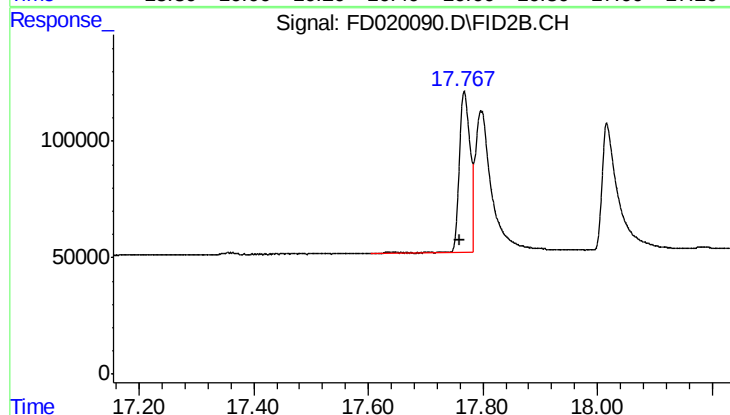
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.040 min
Delta R.T.: 0.005 min
Response: 1190385
Conc: 10.61 ug/ml



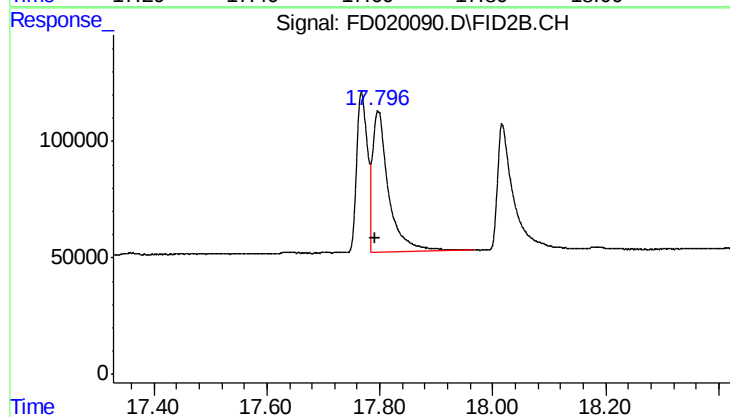
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.394 min
Delta R.T.: 0.008 min
Response: 1080311
Conc: 10.38 ug/ml



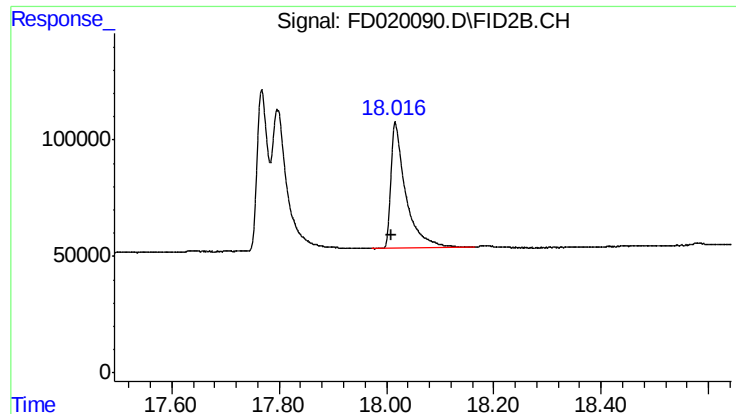
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.768 min
Delta R.T.: 0.007 min
Response: 892335
Conc: 9.53 ug/ml



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

R.T.: 17.797 min
Delta R.T.: 0.005 min
Response: 1206926
Conc: 10.58 ug/ml



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

R.T.: 18.016 min
Delta R.T.: 0.006 min
Response: 1047021
Conc: 10.14 ug/ml