

Data Path : P:\HPCHEM1\FID D\Data\FD052118AR\
 Data File : FD023765.D
 Signal(s) : FID2B.CH
 Acq On : 21 May 2018 17:04
 Operator : UA/AJ
 Sample : 10 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 22 02:56:27 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 052118.M
 Quant Title : GC Extractables
 QLast Update : Tue May 22 02:56:34 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...	7.513	814100	10.359 ug/ml
Spiked Amount 50.000		Recovery =	20.72%
6) S 2-Fluorobiphenyl (SURR)	8.369	574264	10.282 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	20.56%
11) S ortho-Terphenyl (SURR)	11.418	938418	10.333 ug/ml
Spiked Amount 50.000		Recovery =	20.67%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.307	887929	10.462 ug/ml
2) T Naphthalene (C11.7)	5.847	933903	10.369 ug/ml
3) T 2-Methylnaphthalene (...)	6.899	919252	10.363 ug/ml
5) T Acenaphthylene (C15.06)	8.173	895900	10.325 ug/ml
7) T Acenaphthene (C15.5)	8.469	935392	10.312 ug/ml
8) T Fluorene (C16.55)	9.248	942383	10.303 ug/ml
9) T Phenanthrene (C19.36)	10.643	984971	10.299 ug/ml
10) T Anthracene (C19.43)	10.717	980946	10.279 ug/ml
12) T Fluoranthene (C21.85)	12.454	1026828	10.235 ug/ml
13) T Pyrene (C20.8)	12.749	1040181	10.262 ug/ml
14) T Benzo[alanthracene (C...	14.621	1013982	10.222 ug/ml
15) T Chrysene (C27.41)	14.661	1027890	10.277 ug/ml
16) T benzo[b]fluoranthene ...	16.167	1009492	10.159 ug/ml
17) T Benzo[k]fluoranthene ...	16.199	1034035	10.281 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.544	988115	10.174 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.904	831900	10.210 ug/ml
20) T Dibenz[a,h]anthracene...	17.949	928711	10.514 ug/ml
21) T Benzo[a,h,i]perylene ...	18.158	863003	10.503 ug/ml

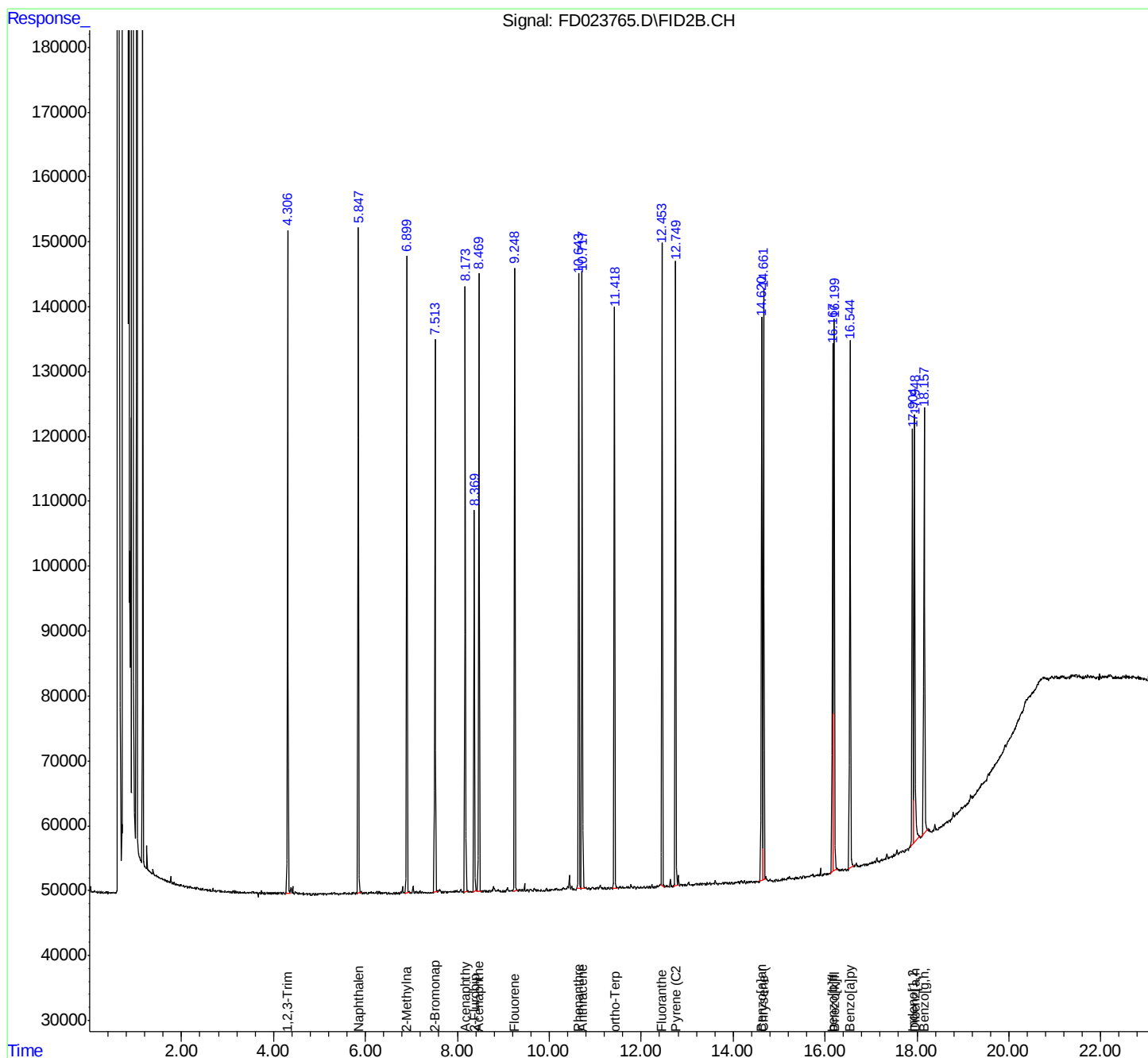
(f)=RT Delta > 1/2 Window

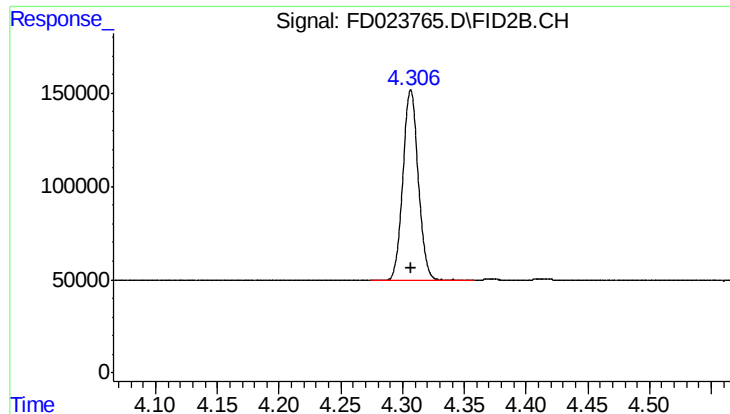
(m)=manual int.

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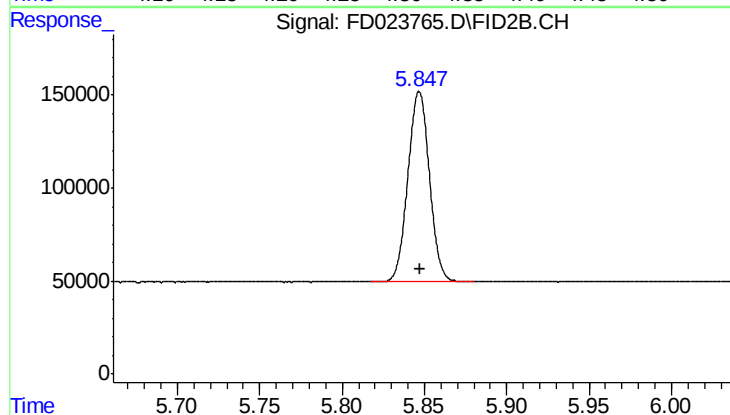
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Signal Info : 20M x 0.18mm x 0.18µm





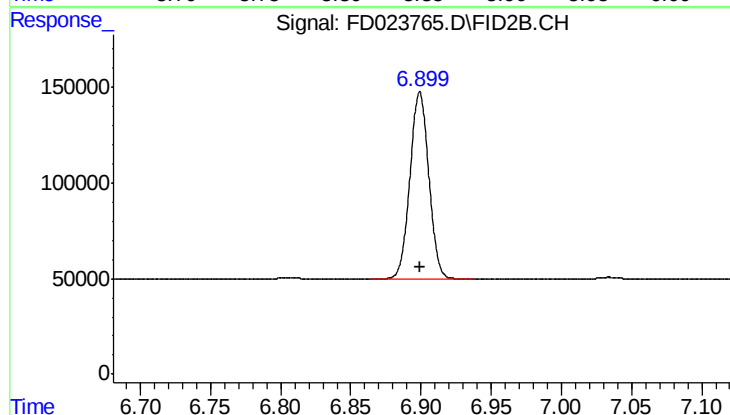
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.307 min
Delta R.T.: 0.000 min
Response: 887929
Conc: 10.46 ug/ml



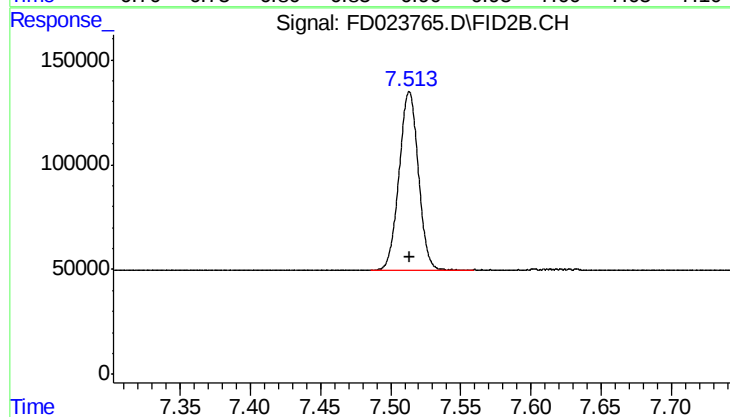
#2 Naphthalene (C11.7)

R.T.: 5.847 min
Delta R.T.: 0.000 min
Response: 933903
Conc: 10.37 ug/ml



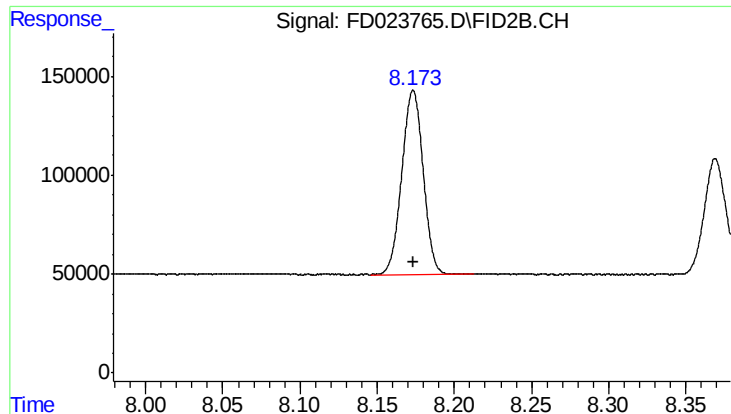
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.899 min
Delta R.T.: 0.000 min
Response: 919252
Conc: 10.36 ug/ml



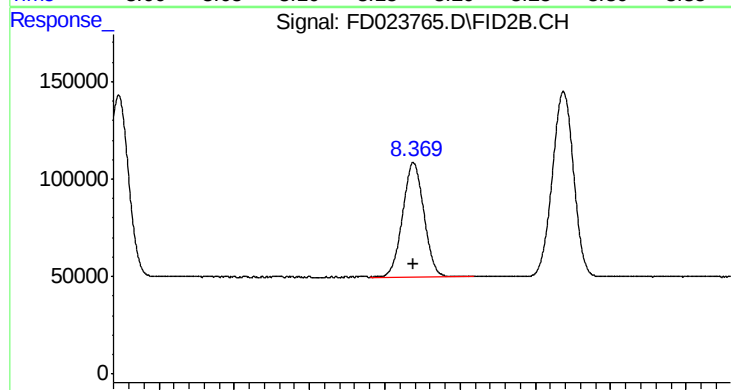
#4 2-Bromonaphthalene (SURR)

R.T.: 7.513 min
Delta R.T.: 0.000 min
Response: 814100
Conc: 10.36 ug/ml



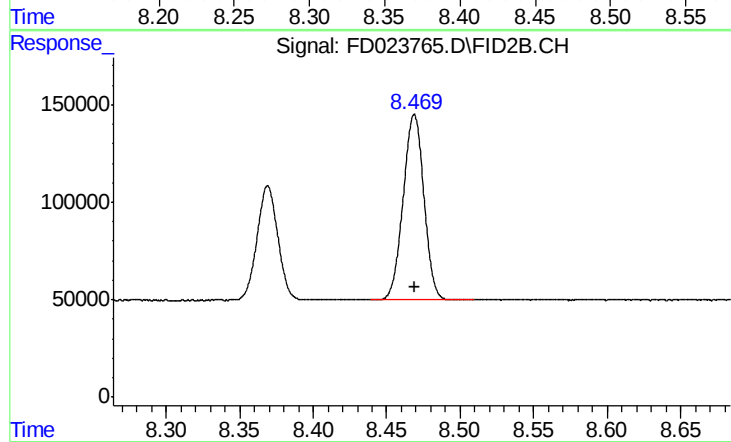
#5 Acenaphthylene (C15.06)

R.T.: 8.173 min
Delta R.T.: 0.000 min
Response: 895900
Conc: 10.33 ug/ml



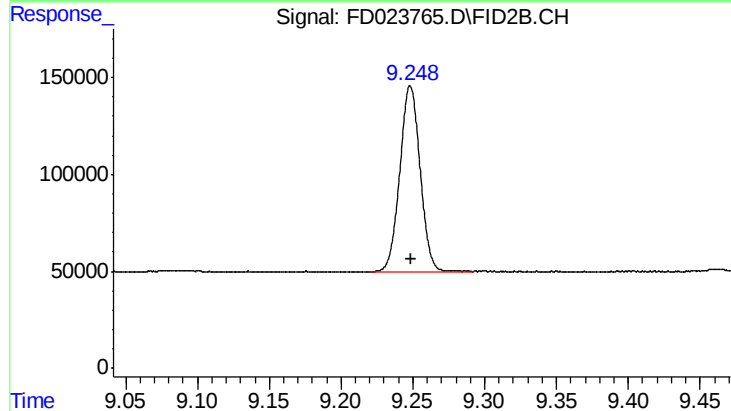
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.369 min
Delta R.T.: 0.000 min
Response: 574264
Conc: 10.28 ug/ml



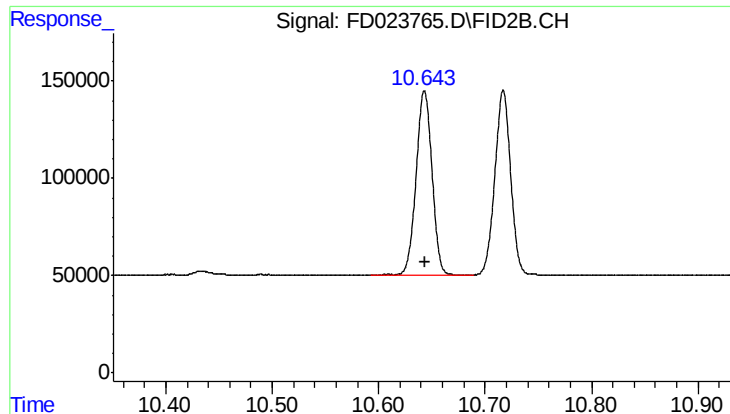
#7 Acenaphthene (C15.5)

R.T.: 8.469 min
Delta R.T.: 0.000 min
Response: 935392
Conc: 10.31 ug/ml



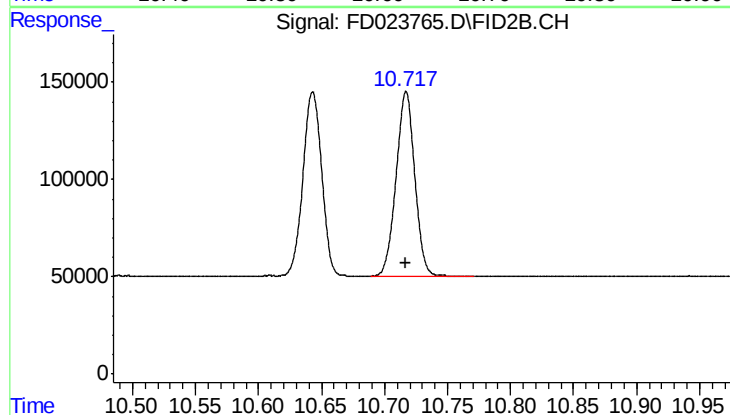
#8 Fluorene (C16.55)

R.T.: 9.248 min
Delta R.T.: 0.000 min
Response: 942383
Conc: 10.30 ug/ml



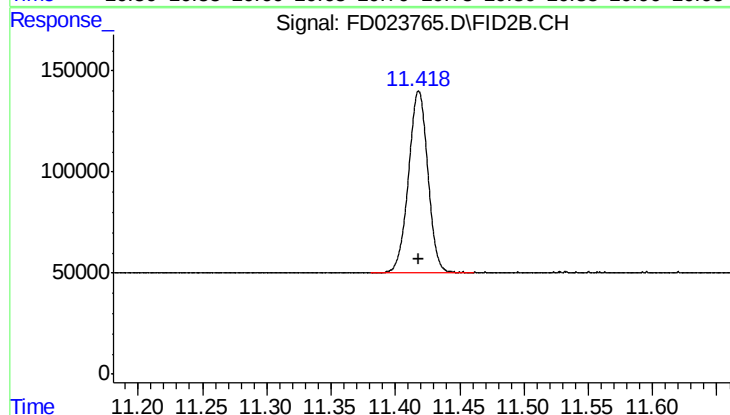
#9 Phenanthrene (C19.36)

R.T.: 10.643 min
Delta R.T.: 0.000 min
Response: 984971
Conc: 10.30 ug/ml



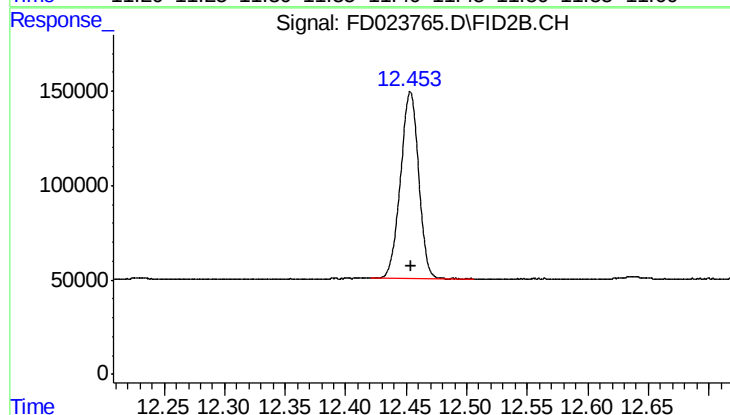
#10 Anthracene (C19.43)

R.T.: 10.717 min
Delta R.T.: 0.000 min
Response: 980946
Conc: 10.28 ug/ml



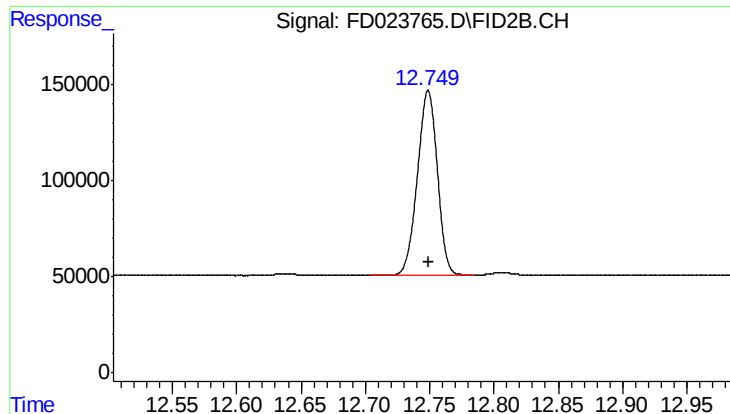
#11 ortho-Terphenyl (SURR)

R.T.: 11.418 min
Delta R.T.: 0.000 min
Response: 938418
Conc: 10.33 ug/ml



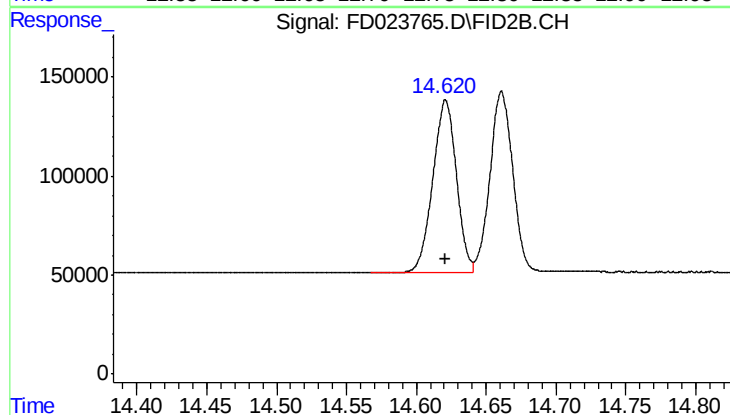
#12 Fluoranthene (C21.85)

R.T.: 12.454 min
Delta R.T.: 0.000 min
Response: 1026828
Conc: 10.23 ug/ml



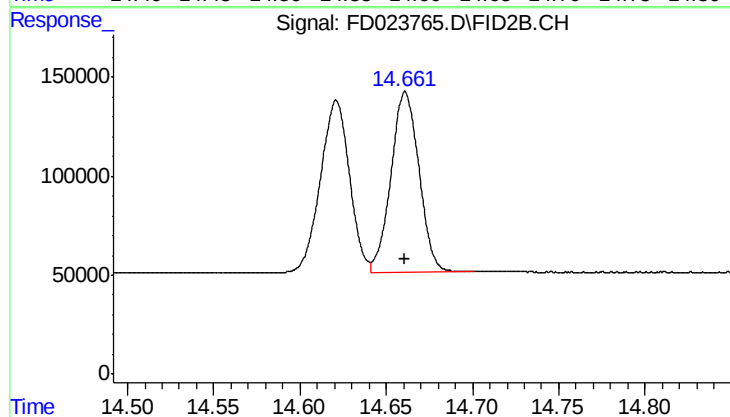
#13 Pyrene (C20.8)

R.T.: 12.749 min
Delta R.T.: 0.000 min
Response: 1040181
Conc: 10.26 ug/ml



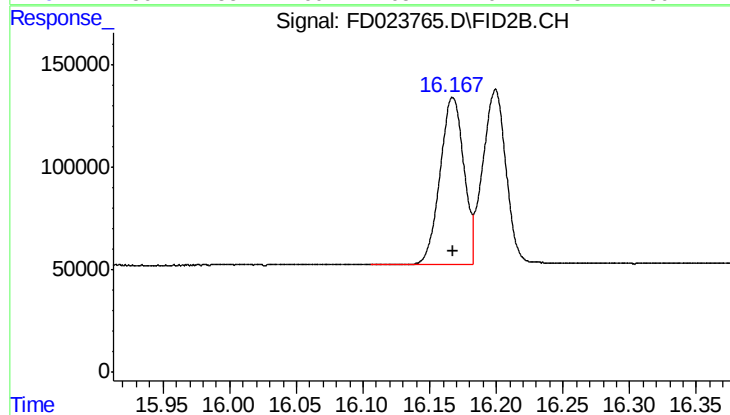
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.621 min
Delta R.T.: 0.000 min
Response: 1013982
Conc: 10.22 ug/ml



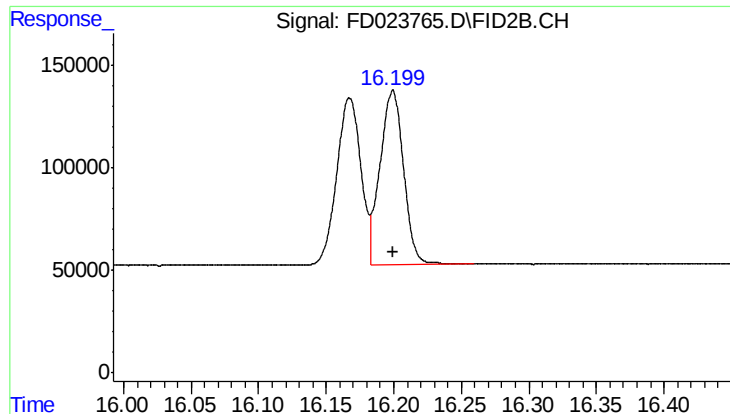
#15 Chrysene (C27.41)

R.T.: 14.661 min
Delta R.T.: 0.000 min
Response: 1027890
Conc: 10.28 ug/ml



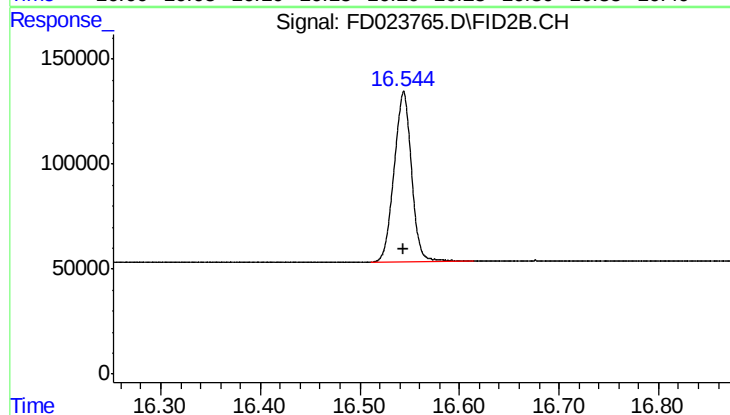
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.167 min
Delta R.T.: 0.000 min
Response: 1009492
Conc: 10.16 ug/ml



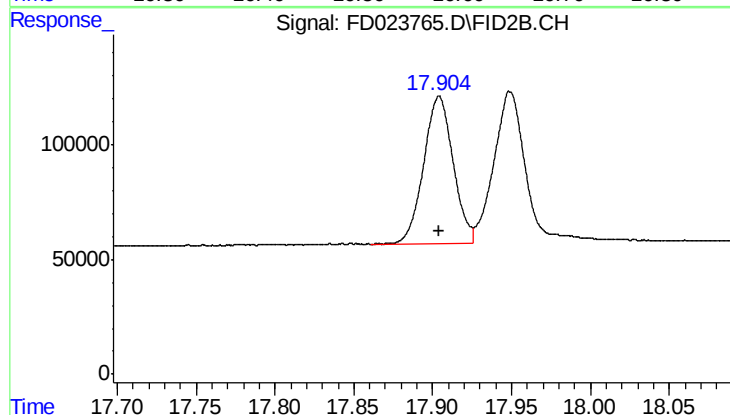
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.199 min
Delta R.T.: 0.000 min
Response: 1034035
Conc: 10.28 ug/ml



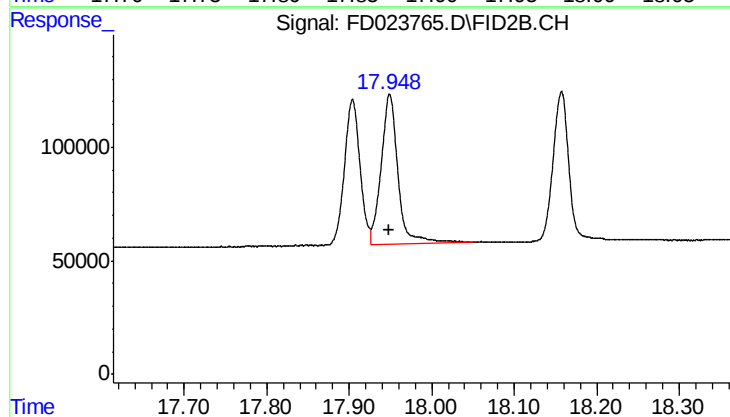
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.544 min
Delta R.T.: 0.000 min
Response: 988115
Conc: 10.17 ug/ml



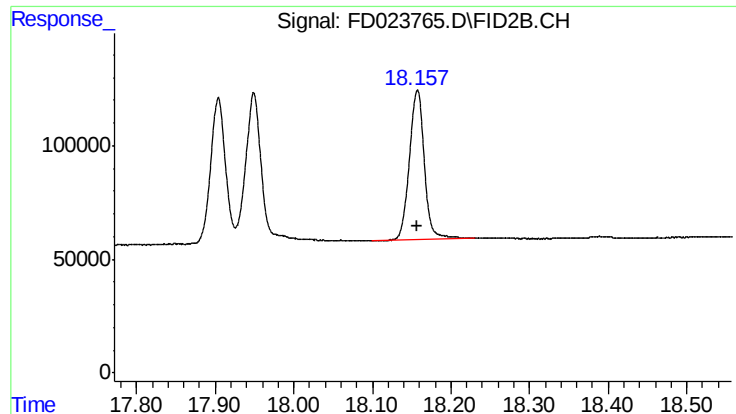
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.904 min
Delta R.T.: 0.000 min
Response: 831900
Conc: 10.21 ug/ml



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

R.T.: 17.949 min
Delta R.T.: 0.000 min
Response: 928711
Conc: 10.51 ug/ml



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

R.T.: 18.158 min
Delta R.T.: 0.000 min
Response: 863003
Conc: 10.50 ug/ml