

Data Path : P:\HPCHEM1\FID D\Data\FD032018AR\
 Data File : FD022594.D
 Signal(s) : FID2B.CH
 Acq On : 20 Mar 2018 17:21
 Operator : UA/AJ
 Sample : 10 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 21 06:56:18 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 032018.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 21 06:52:26 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...	7.325	878745	10.676 ug/ml
Spiked Amount 50.000		Recovery =	21.35%
6) S 2-Fluorobiphenyl (SURR)	8.189	508345	9.670 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	19.34%
11) S ortho-Terphenyl (SURR)	11.204	1094349	10.784 ug/ml
Spiked Amount 50.000		Recovery =	21.57%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.132	967540	10.698 ug/ml
2) T Naphthalene (C11.7)	5.665	936114	10.694 ug/ml
3) T 2-Methylnaphthalene (...)	6.714	915739	10.264 ug/ml
5) T Acenaphthylene (C15.06)	7.979	1029947	10.737 ug/ml
7) T Acenaphthene (C15.5)	8.271	1138683	11.028 ug/ml
8) T Fluorene (C16.55)	9.054	1006727	10.459 ug/ml
9) T Phenanthrene (C19.36)	10.447	1059567	10.432 ug/ml
10) T Anthracene (C19.43)	10.525	1091003	10.622 ug/ml
12) T Fluoranthene (C21.85)	12.257	1155198	10.664 ug/ml
13) T Pyrene (C20.8)	12.550	1097075	10.235 ug/ml
14) T Benzo[<i>a</i>]anthracene (C...	14.429	1032338	10.269 ug/ml
15) T Chrysene (C27.41)	14.471	1234350	11.238 ug/ml
16) T benzo[<i>b</i>]fluoranthene ...	15.987	1035587	10.294 ug/ml
17) T Benzo[<i>k</i>]fluoranthene ...	16.018	1281371	11.140 ug/ml
18) T Benzo[<i>a</i>]pyrene (C31.34)	16.374	1085380	10.535 ug/ml
19) T Indeno[1,2,3- <i>cd</i>]pyren...	17.756	657722	10.076 ug/ml
20) T Dibenz[<i>a,h</i>]anthracene...	17.779	1300145	10.486 ug/ml
21) T Benzo[<i>a,h,i</i>]pervlene ...	18.007	850423	10.308 ug/ml

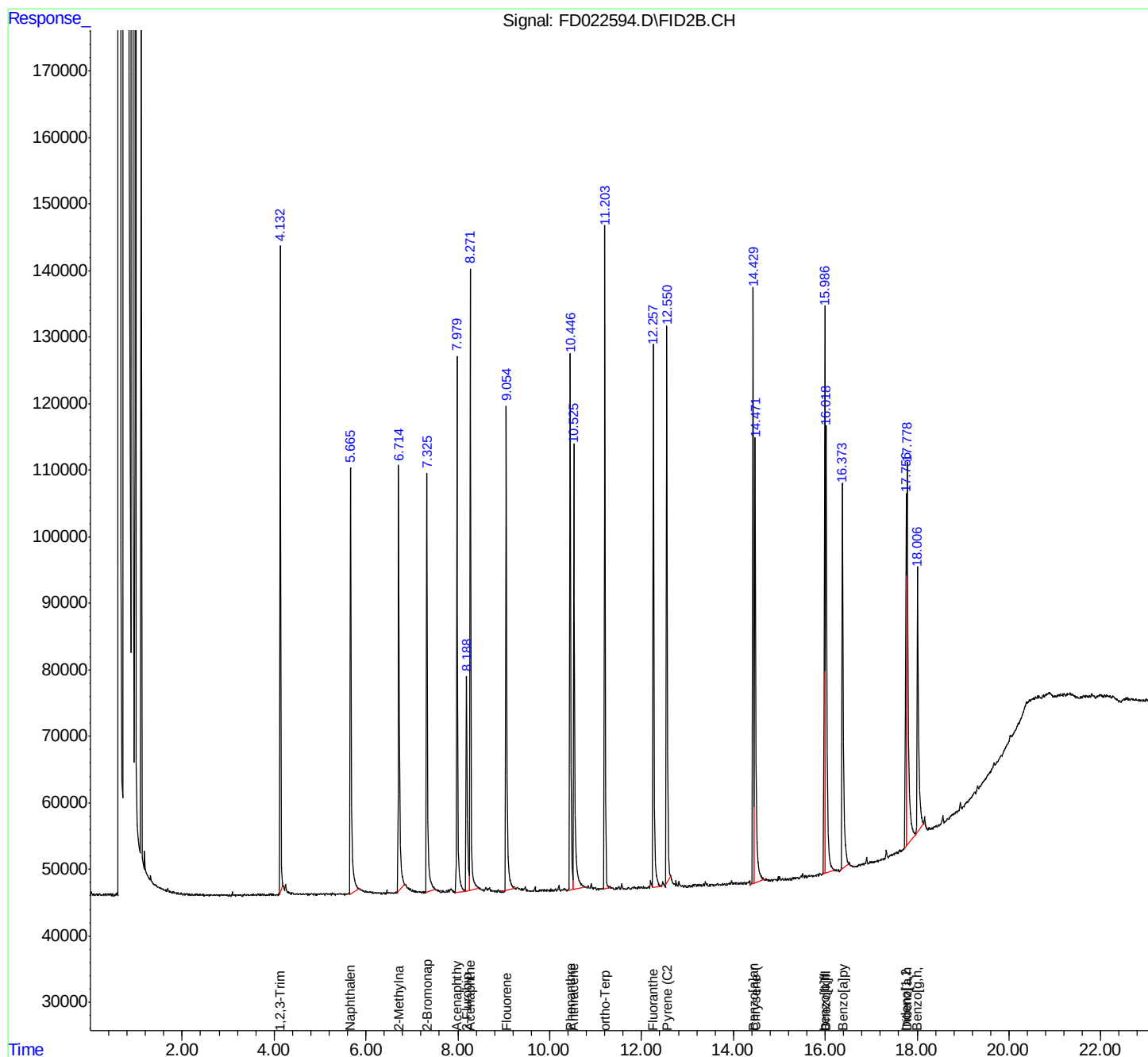
(f)=RT Delta > 1/2 Window

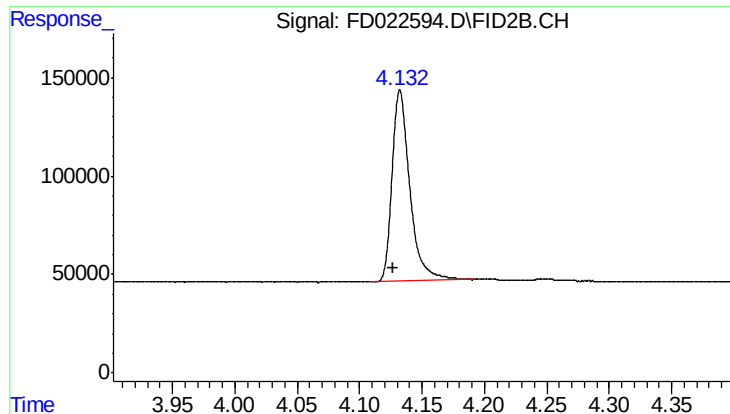
(m)=manual int.

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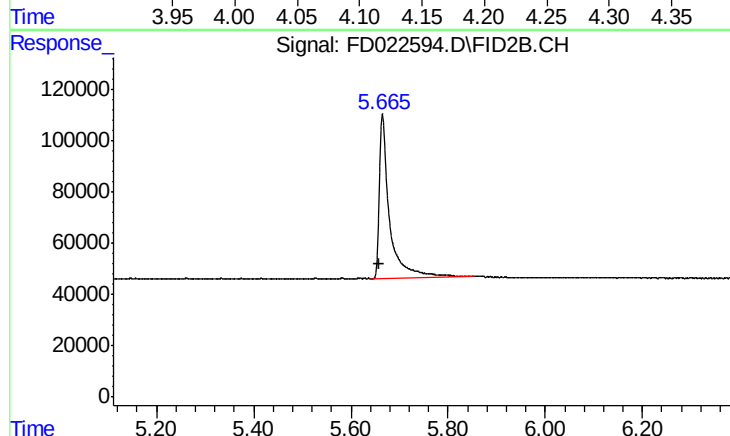
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Signal Info : 20M x 0.18mm x 0.18µm





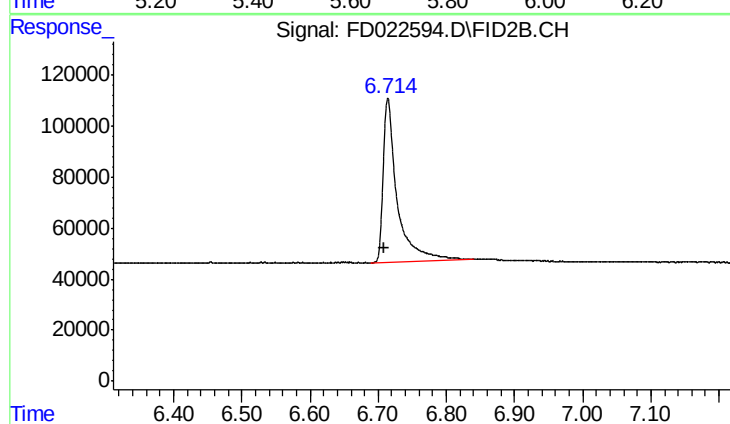
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.132 min
Delta R.T.: 0.006 min
Response: 967540
Conc: 10.70 ug/ml



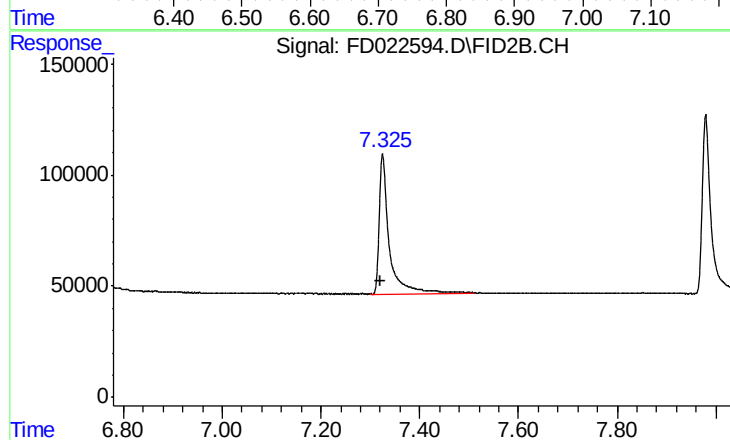
#2 Naphthalene (C11.7)

R.T.: 5.665 min
Delta R.T.: 0.007 min
Response: 936114
Conc: 10.69 ug/ml



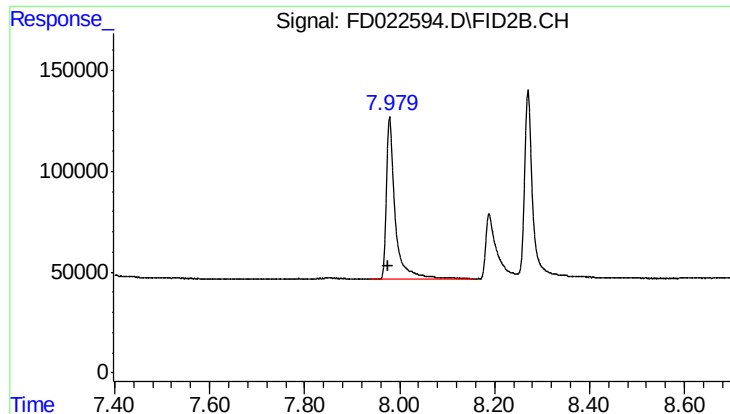
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.714 min
Delta R.T.: 0.006 min
Response: 915739
Conc: 10.26 ug/ml



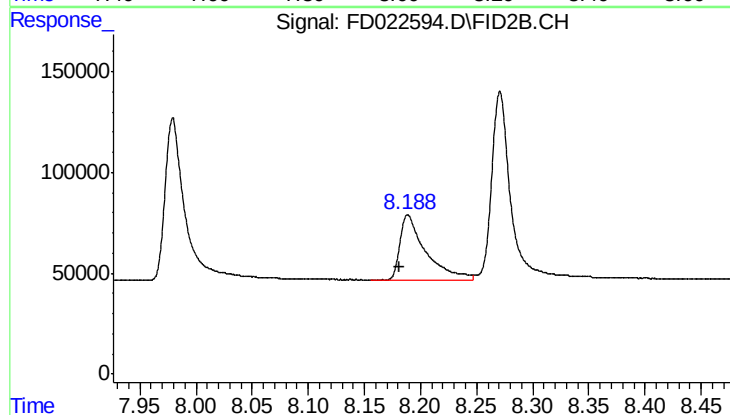
#4 2-Bromonaphthalene (SURR)

R.T.: 7.325 min
Delta R.T.: 0.005 min
Response: 878745
Conc: 10.68 ug/ml



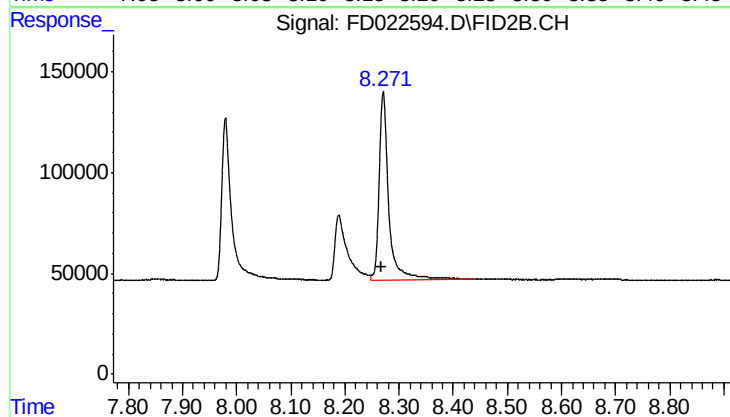
#5 Acenaphthylene (C15.06)

R.T.: 7.979 min
Delta R.T.: 0.004 min
Response: 1029947
Conc: 10.74 ug/ml



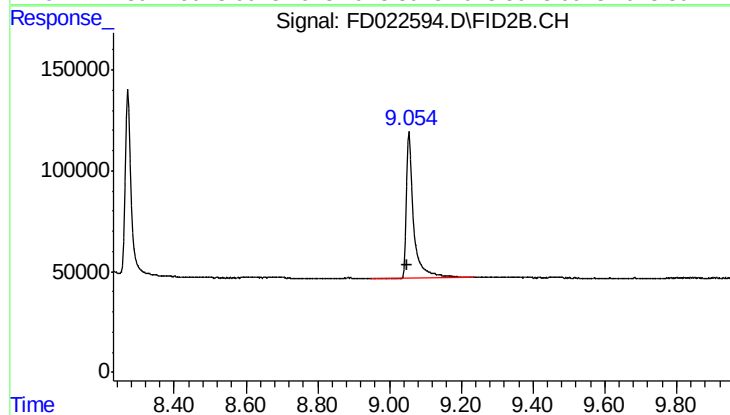
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.189 min
Delta R.T.: 0.008 min
Response: 508345
Conc: 9.67 ug/ml



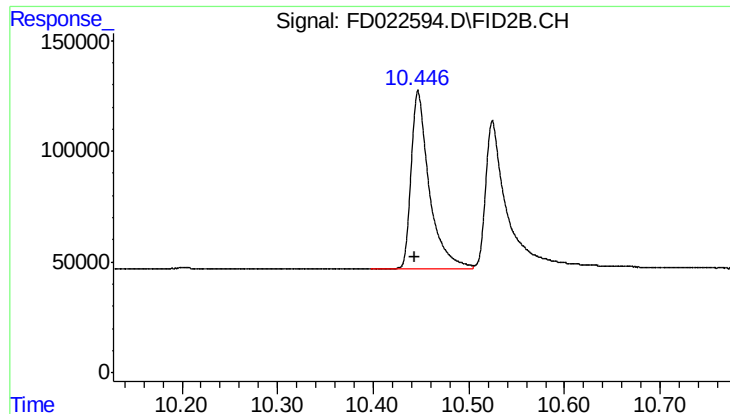
#7 Acenaphthene (C15.5)

R.T.: 8.271 min
Delta R.T.: 0.003 min
Response: 1138683
Conc: 11.03 ug/ml



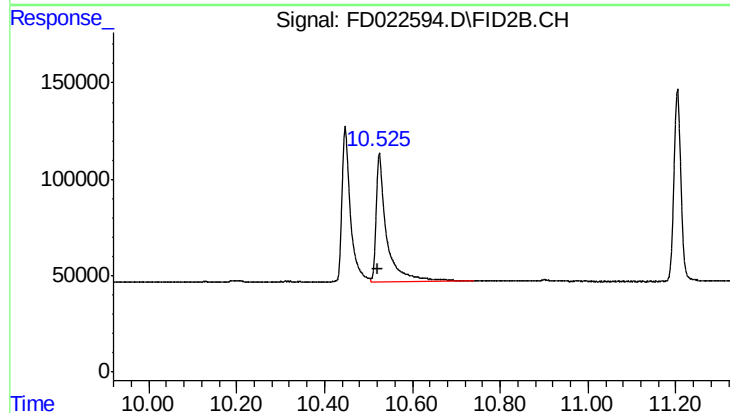
#8 Fluorene (C16.55)

R.T.: 9.054 min
Delta R.T.: 0.004 min
Response: 1006727
Conc: 10.46 ug/ml



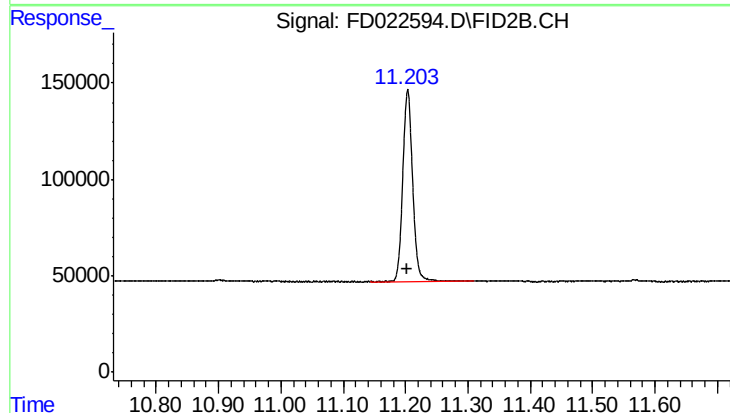
#9 Phenanthrene (C19.36)

R.T.: 10.447 min
Delta R.T.: 0.003 min
Response: 1059567
Conc: 10.43 ug/ml



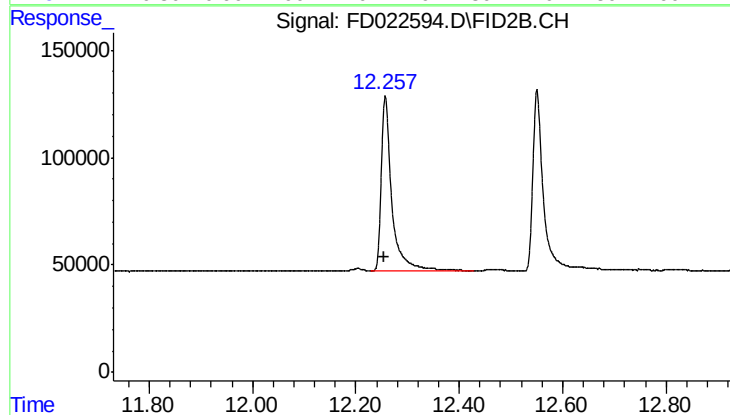
#10 Anthracene (C19.43)

R.T.: 10.525 min
Delta R.T.: 0.005 min
Response: 1091003
Conc: 10.62 ug/ml



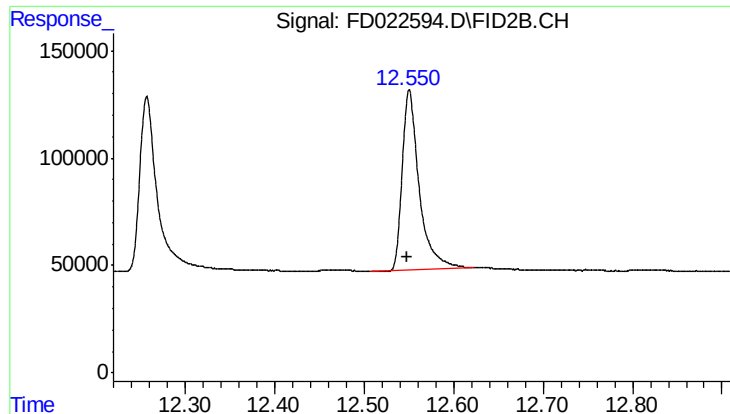
#11 ortho-Terphenyl (SURR)

R.T.: 11.204 min
Delta R.T.: 0.000 min
Response: 1094349
Conc: 10.78 ug/ml



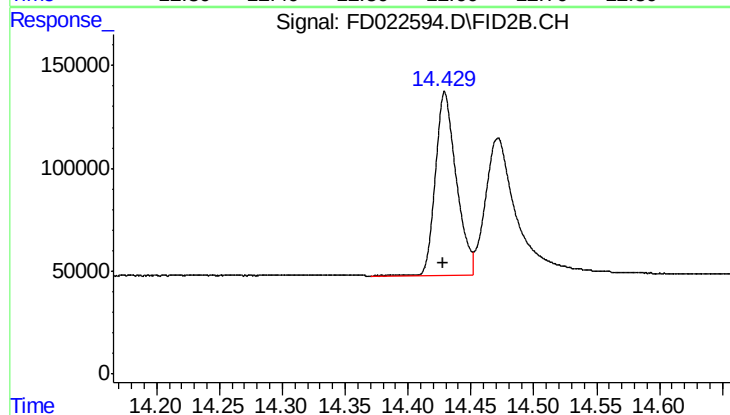
#12 Fluoranthene (C21.85)

R.T.: 12.257 min
Delta R.T.: 0.003 min
Response: 1155198
Conc: 10.66 ug/ml



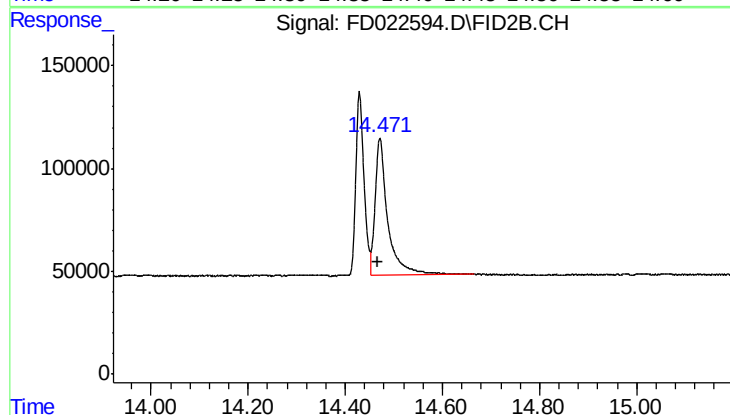
#13 Pyrene (C20.8)

R.T.: 12.550 min
Delta R.T.: 0.003 min
Response: 1097075
Conc: 10.23 ug/ml



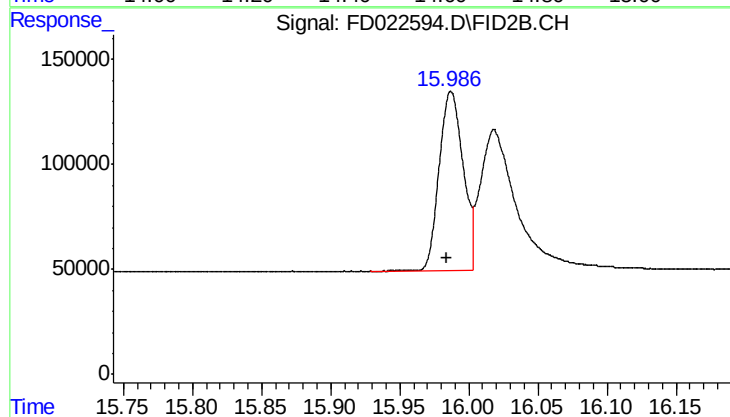
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.429 min
Delta R.T.: 0.002 min
Response: 1032338
Conc: 10.27 ug/ml



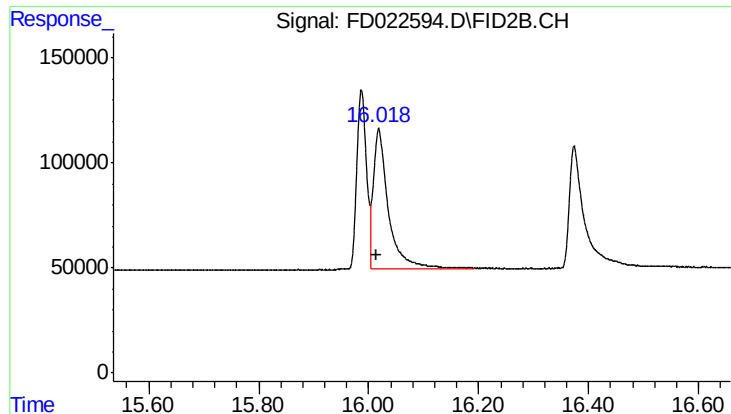
#15 Chrysene (C27.41)

R.T.: 14.471 min
Delta R.T.: 0.003 min
Response: 1234350
Conc: 11.24 ug/ml



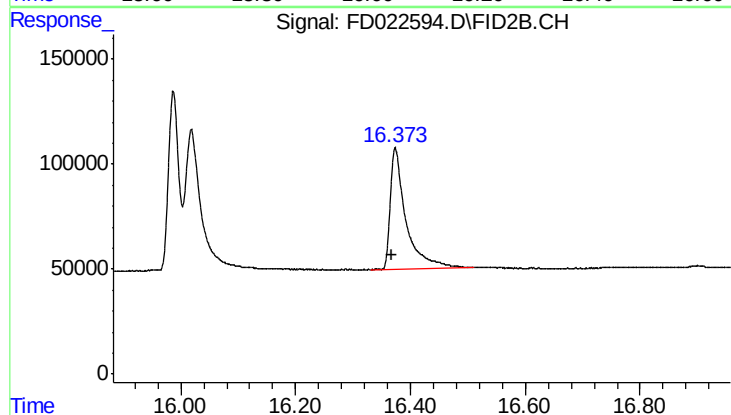
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.987 min
Delta R.T.: 0.003 min
Response: 1035587
Conc: 10.29 ug/ml



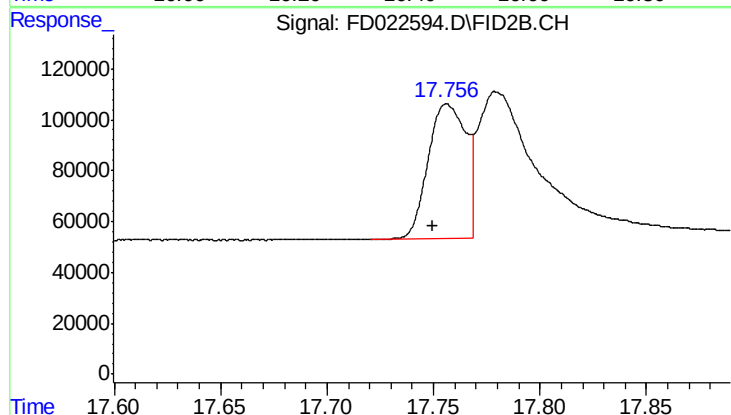
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.018 min
Delta R.T.: 0.004 min
Response: 1281371
Conc: 11.14 ug/ml



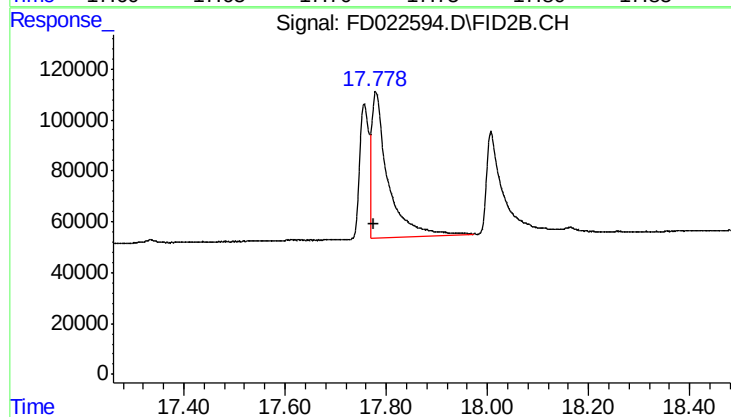
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.374 min
Delta R.T.: 0.005 min
Response: 1085380
Conc: 10.53 ug/ml



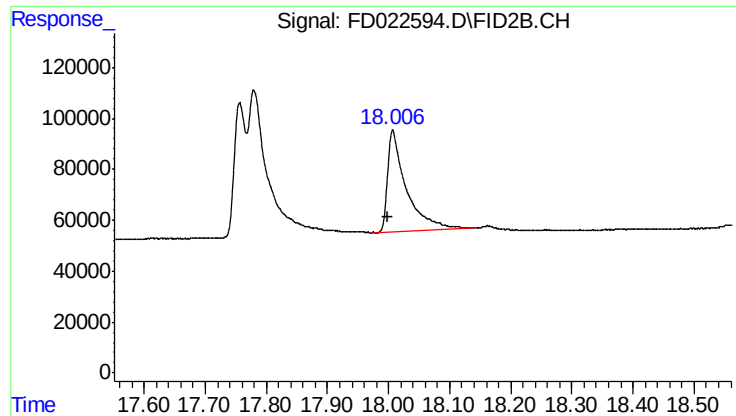
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.756 min
Delta R.T.: 0.007 min
Response: 657722
Conc: 10.08 ug/ml



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

R.T.: 17.779 min
Delta R.T.: 0.005 min
Response: 1300145
Conc: 10.49 ug/ml



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

R.T.: 18.007 min
Delta R.T.: 0.008 min
Response: 850423
Conc: 10.31 ug/ml