

Data Path : P:\HPCHEM1\FID D\Data\FD033018AR\
 Data File : FD022715.D
 Signal(s) : FID2B.CH
 Acq On : 30 Mar 2018 13:47
 Operator : UA/AJ
 Sample : J2100-05
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 30 14:53:06 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 032018.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 21 07:06:57 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

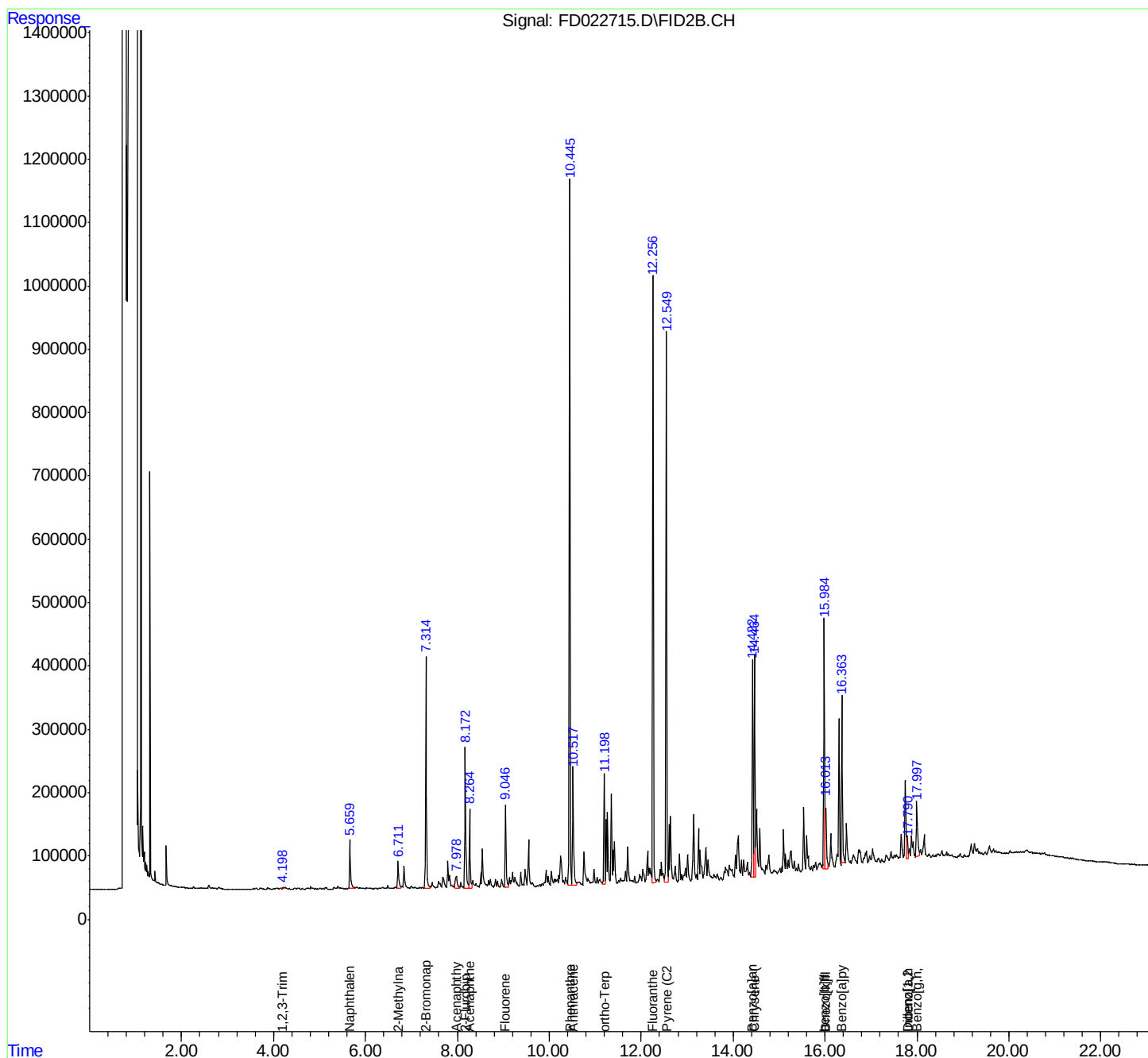
System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.315	4166977	48.171 ug/ml
Spiked Amount 50.000		Recovery =	96.34%
6) S 2-Fluorobiphenyl (SURR)	8.173	2747218	52.006 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	104.01%
11) S ortho-Terphenyl (SURR)	11.198	1944204	18.291 ug/ml
Spiked Amount 50.000		Recovery =	36.58%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.199f	23527	0.242 ug/ml
2) T Naphthalene (C11.7)	5.659	1106863	11.919 ug/ml
3) T 2-Methylnaphthalene (...)	6.711	620577	6.751 ug/ml
5) T Acenaphthylene (C15.06)	7.978	451661	4.479 ug/ml
7) T Acenaphthene (C15.5)	8.264	1525446	13.881 ug/ml
8) T Fluorene (C16.55)	9.047	1644692	16.330 ug/ml
9) T Phenanthrene (C19.36)	10.445	12836228	121.968 ug/ml
10) T Anthracene (C19.43)	10.518	2579800	24.043 ug/ml
12) T Fluoranthene (C21.85)	12.256	11877493	104.785 ug/ml
13) T Pyrene (C20.8)	12.549	10148187	90.432 ug/ml
14) T Benzo[<i>a</i>]anthracene (C...	14.423	4180535	40.481 ug/ml
15) T Chrysene (C27.41)	14.464	4813139	41.455 ug/ml
16) T benzo[<i>b</i>]fluoranthene ...	15.985	4988207	48.008 ug/ml
17) T Benzo[<i>k</i>]fluoranthene ...	16.013	1823684	15.046 ug/ml
18) T Benzo[<i>a</i>]pyrene (C31.34)	16.363	3792223	35.612 ug/ml
19) T Indeno[1,2,3- <i>cd</i>]pyren...	17.784	653562	9.760 ug/ml
20) T Dibenz[<i>a,h</i>]anthracene...	17.784	653562	5.378 ug/ml
21) T Benzo[<i>a,h,i</i>]pervlene ...	17.998	1548560	18.779 ug/ml

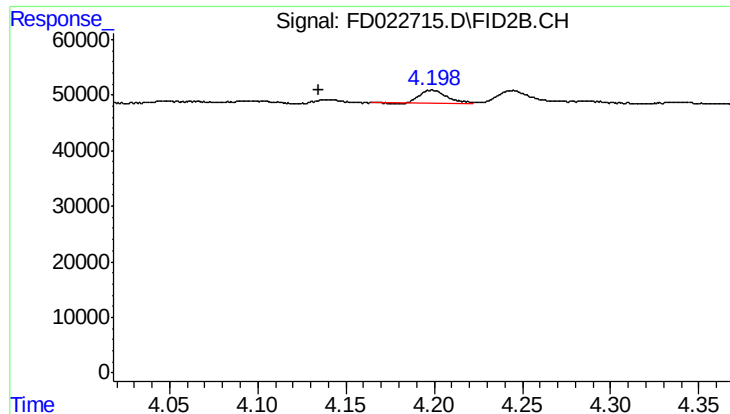
(f)=RT Delta > 1/2 Window

(m)=manual int.

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Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 032018.M
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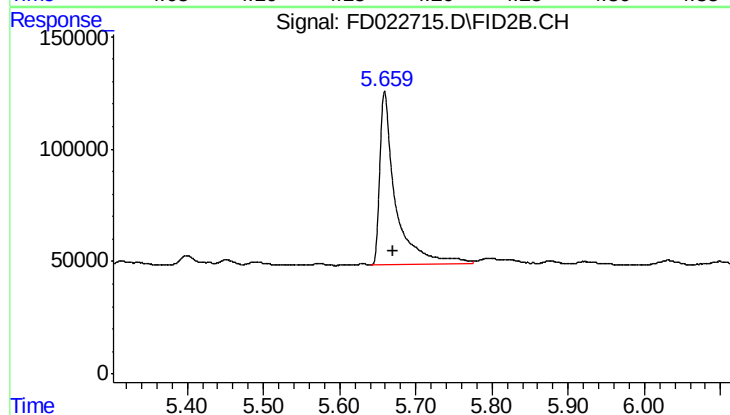
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





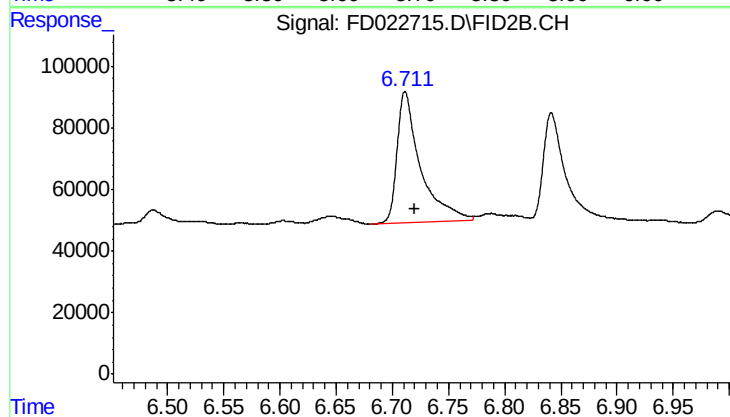
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.199 min
Delta R.T.: 0.064 min
Response: 23527
Conc: 0.24 ug/ml



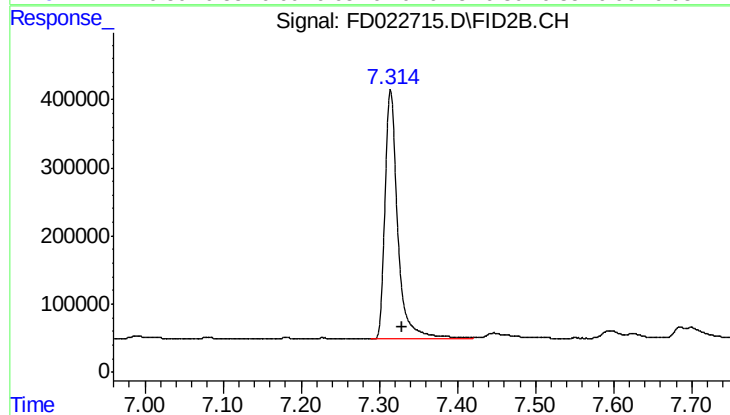
#2 Naphthalene (C11.7)

R.T.: 5.659 min
Delta R.T.: -0.011 min
Response: 1106863
Conc: 11.92 ug/ml



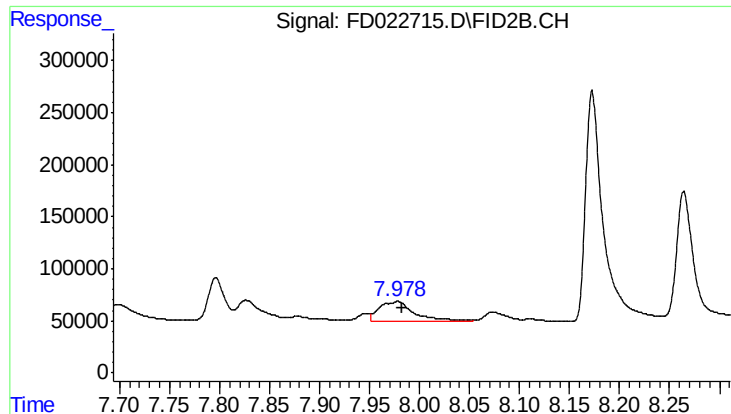
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.711 min
Delta R.T.: -0.009 min
Response: 620577
Conc: 6.75 ug/ml



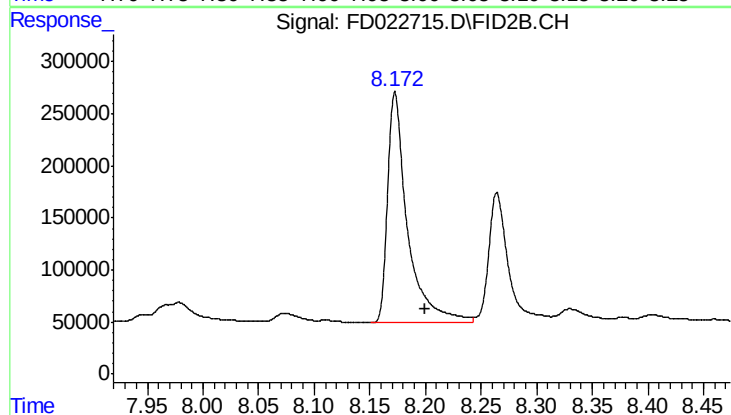
#4 2-Bromonaphthalene (SURR)

R.T.: 7.315 min
Delta R.T.: -0.015 min
Response: 4166977
Conc: 48.17 ug/ml



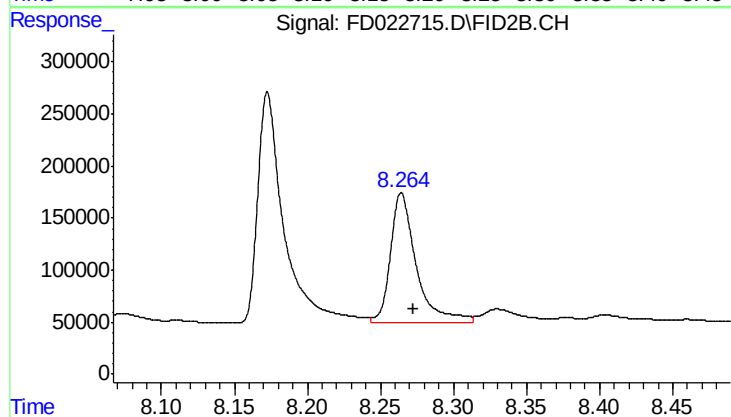
#5 Acenaphthylene (C15.06)

R.T.: 7.978 min
Delta R.T.: -0.004 min
Response: 451661
Conc: 4.48 ug/ml



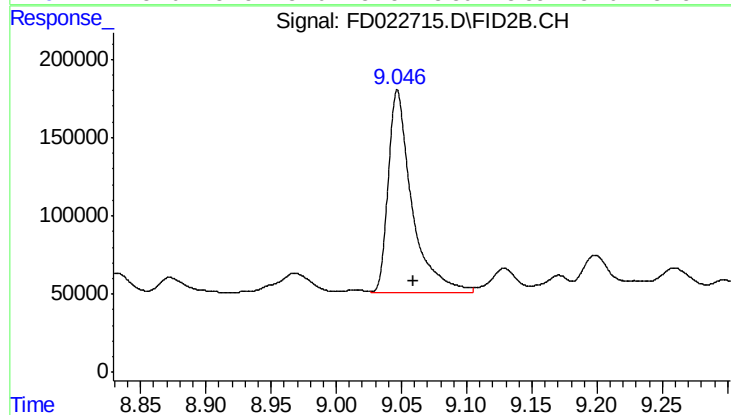
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.173 min
Delta R.T.: -0.027 min
Response: 2747218
Conc: 52.01 ug/ml



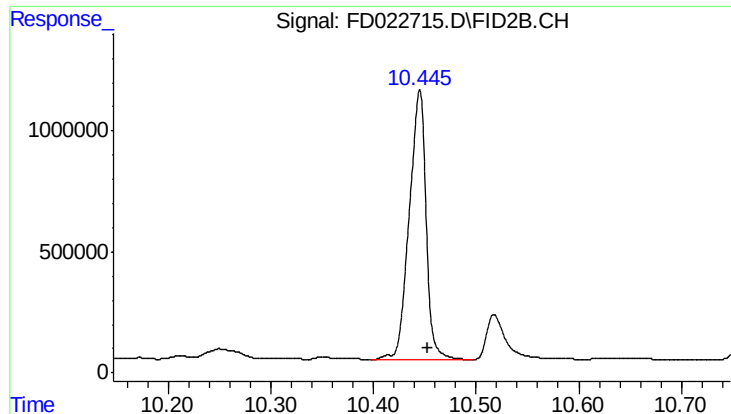
#7 Acenaphthene (C15.5)

R.T.: 8.264 min
Delta R.T.: -0.008 min
Response: 1525446
Conc: 13.88 ug/ml



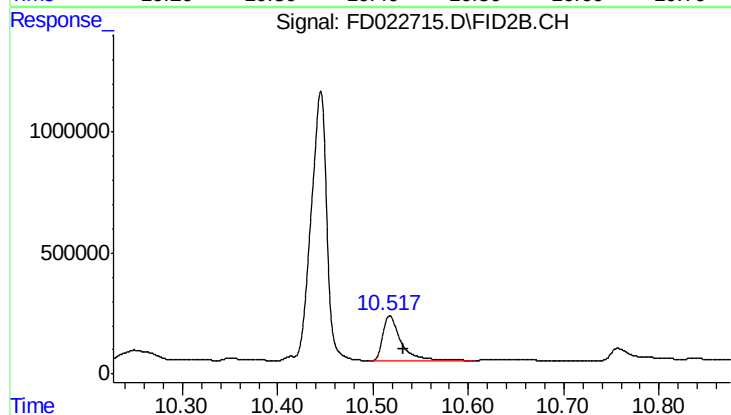
#8 Fluorene (C16.55)

R.T.: 9.047 min
Delta R.T.: -0.013 min
Response: 1644692
Conc: 16.33 ug/ml



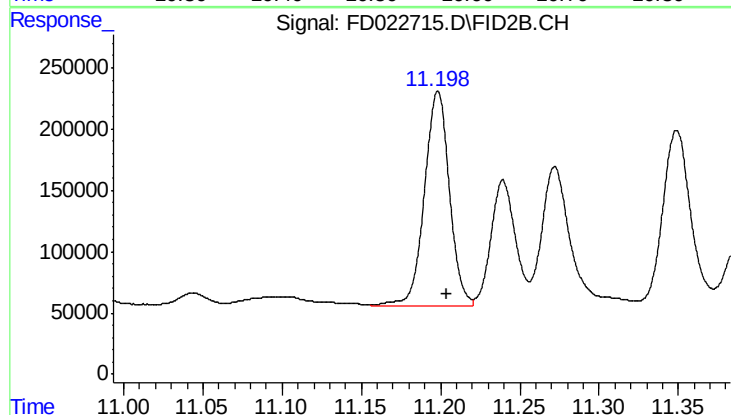
#9 Phenanthrene (C19.36)

R.T.: 10.445 min
Delta R.T.: -0.007 min
Response: 12836228
Conc: 121.97 ug/ml



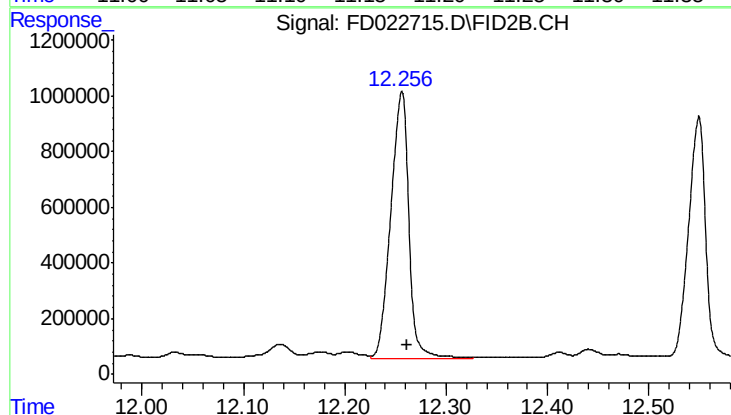
#10 Anthracene (C19.43)

R.T.: 10.518 min
Delta R.T.: -0.014 min
Response: 2579800
Conc: 24.04 ug/ml



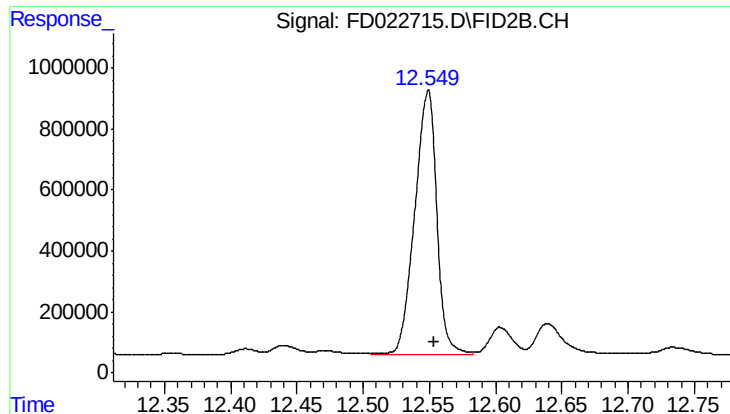
#11 ortho-Terphenyl (SURR)

R.T.: 11.198 min
Delta R.T.: -0.005 min
Response: 1944204
Conc: 18.29 ug/ml



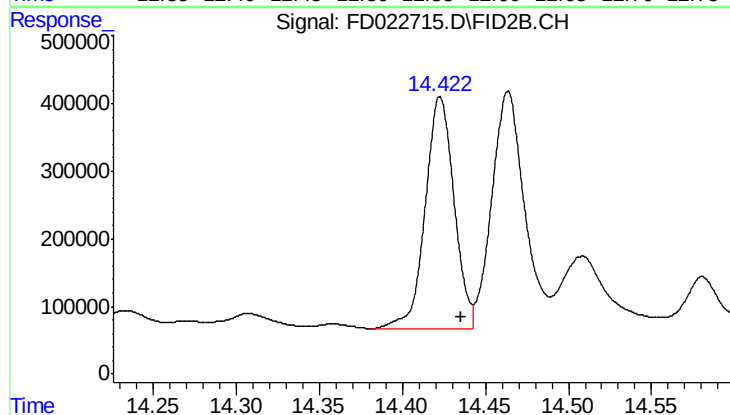
#12 Fluoranthene (C21.85)

R.T.: 12.256 min
Delta R.T.: -0.005 min
Response: 11877493
Conc: 104.78 ug/ml



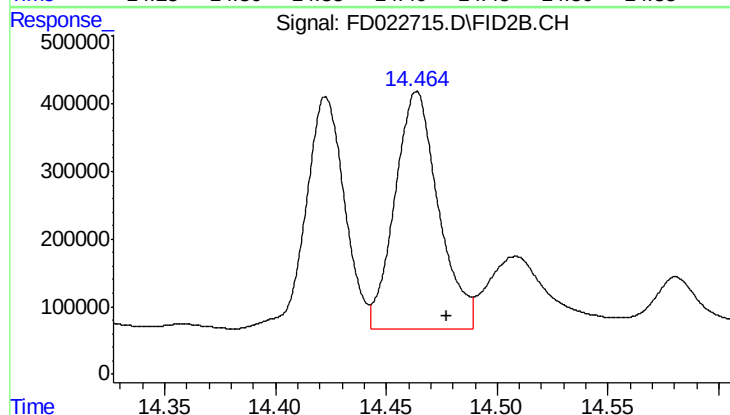
#13 Pyrene (C20.8)

R.T.: 12.549 min
Delta R.T.: -0.004 min
Response: 10148187
Conc: 90.43 ug/ml



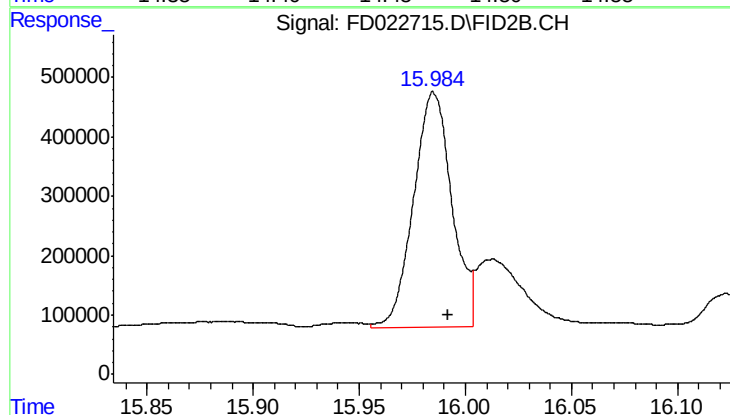
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.423 min
Delta R.T.: -0.012 min
Response: 4180535
Conc: 40.48 ug/ml



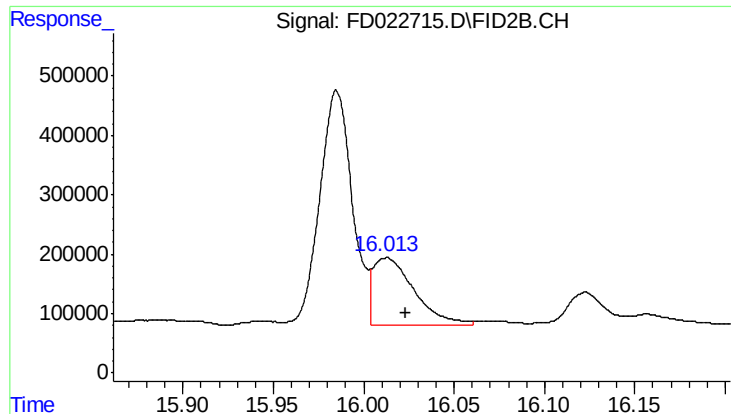
#15 Chrysene (C27.41)

R.T.: 14.464 min
Delta R.T.: -0.013 min
Response: 4813139
Conc: 41.45 ug/ml



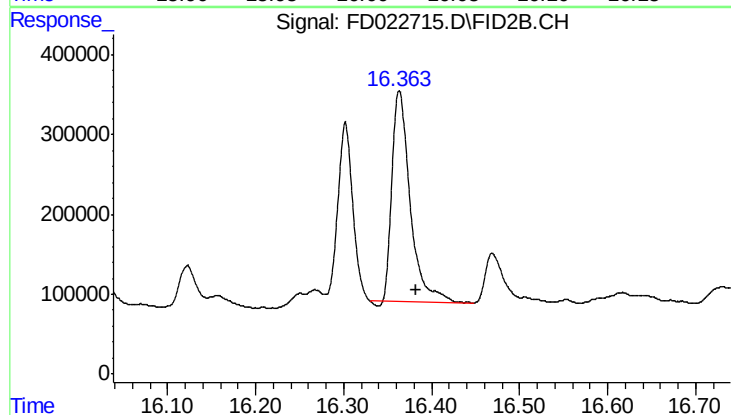
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.985 min
Delta R.T.: -0.007 min
Response: 4988207
Conc: 48.01 ug/ml



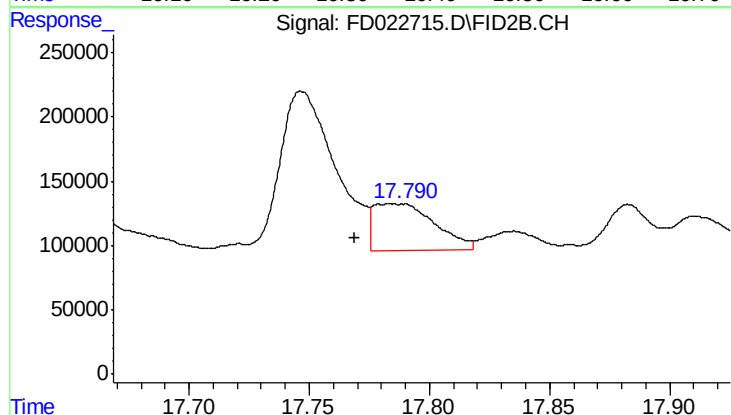
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.013 min
Delta R.T.: -0.010 min
Response: 1823684
Conc: 15.05 ug/ml



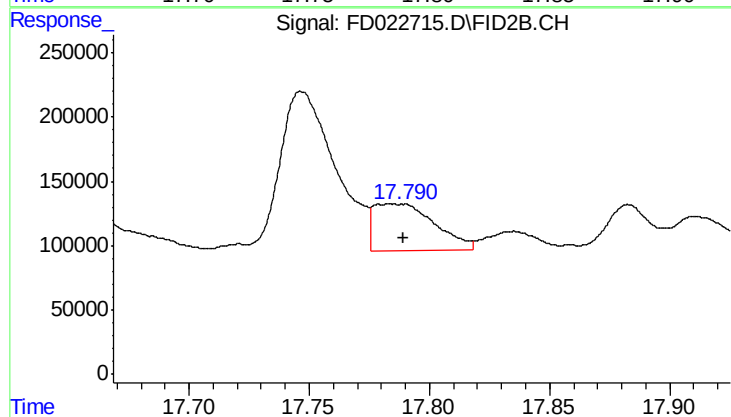
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.363 min
Delta R.T.: -0.019 min
Response: 3792223
Conc: 35.61 ug/ml



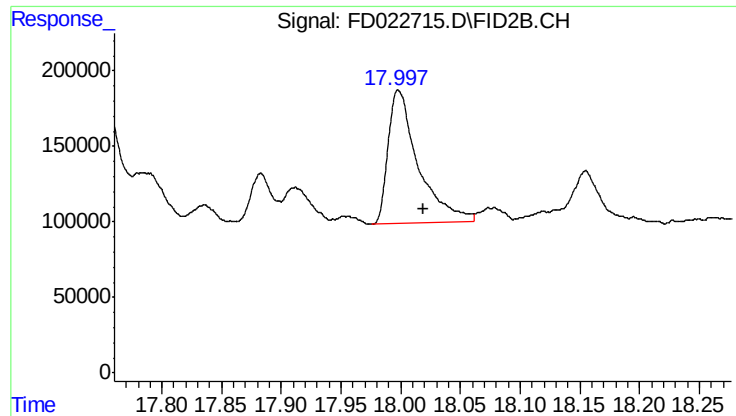
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.784 min
Delta R.T.: 0.015 min
Response: 653562
Conc: 9.76 ug/ml



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

R.T.: 17.784 min
Delta R.T.: -0.006 min
Response: 653562
Conc: 5.38 ug/ml



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

R.T.: 17.998 min
Delta R.T.: -0.021 min
Response: 1548560
Conc: 18.78 ug/ml