

Data Path : P:\HPCHEM1\FID D\Data\FD031918AR\
 Data File : FD022581.D
 Signal(s) : FID2B.CH
 Acq On : 20 Mar 2018 3:17
 Operator : UA/AJ
 Sample : J1940-01
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 20 07:30:14 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 022018.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 21 04:46:02 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...	7.377	1069604	12.767 ug/ml
Spiked Amount 50.000		Recovery =	25.53%
6) S 2-Fluorobiphenyl (SURR)	8.246	1477972	29.234 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	58.47%
11) S ortho-Terphenyl (SURR)	11.217	7837461	82.585 ug/ml
Spiked Amount 50.000		Recovery =	165.17%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.168	35156	0.398 ug/ml
2) T Naphthalene (C11.7)	5.698	880458	9.843 ug/ml
3) T 2-Methylnaphthalene (...)	6.758	1126769	12.407 ug/ml
5) T Acenaphthylene (C15.06)	7.982	3555816	37.129 ug/ml
7) T Acenaphthene (C15.5)	8.309	3265012	31.872 ug/ml
8) T Fluorene (C16.55)	9.073	2459200	26.227 ug/ml
9) T Phenanthrene (C19.36)	10.457	7939678	85.216 ug/ml
10) T Anthracene (C19.43)	10.536	5600753	59.063 ug/ml
12) T Fluoranthene (C21.85)	12.269	6660909	66.406 ug/ml
13) T Pyrene (C20.8)	12.562	7427538	73.108 ug/ml
14) T Benzo[alanthracene (C...	14.474	3510254	36.402 ug/ml
15) T Chrysene (C27.41)	14.474	3510254	32.523 ug/ml
16) T benzo[b]fluoranthene ...	16.022	903483	8.987 ug/ml
17) T Bnezo[k]fluoranthene ...	16.022	903483	7.962 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.415	328717	3.128 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.791	338138	3.549 ug/ml
20) T Dibenz[a,h]anthracene...	17.791	338138	2.976 ug/ml
21) T Benzo[a,h,i]pervlene ...	18.004	1251190	12.047 ug/ml

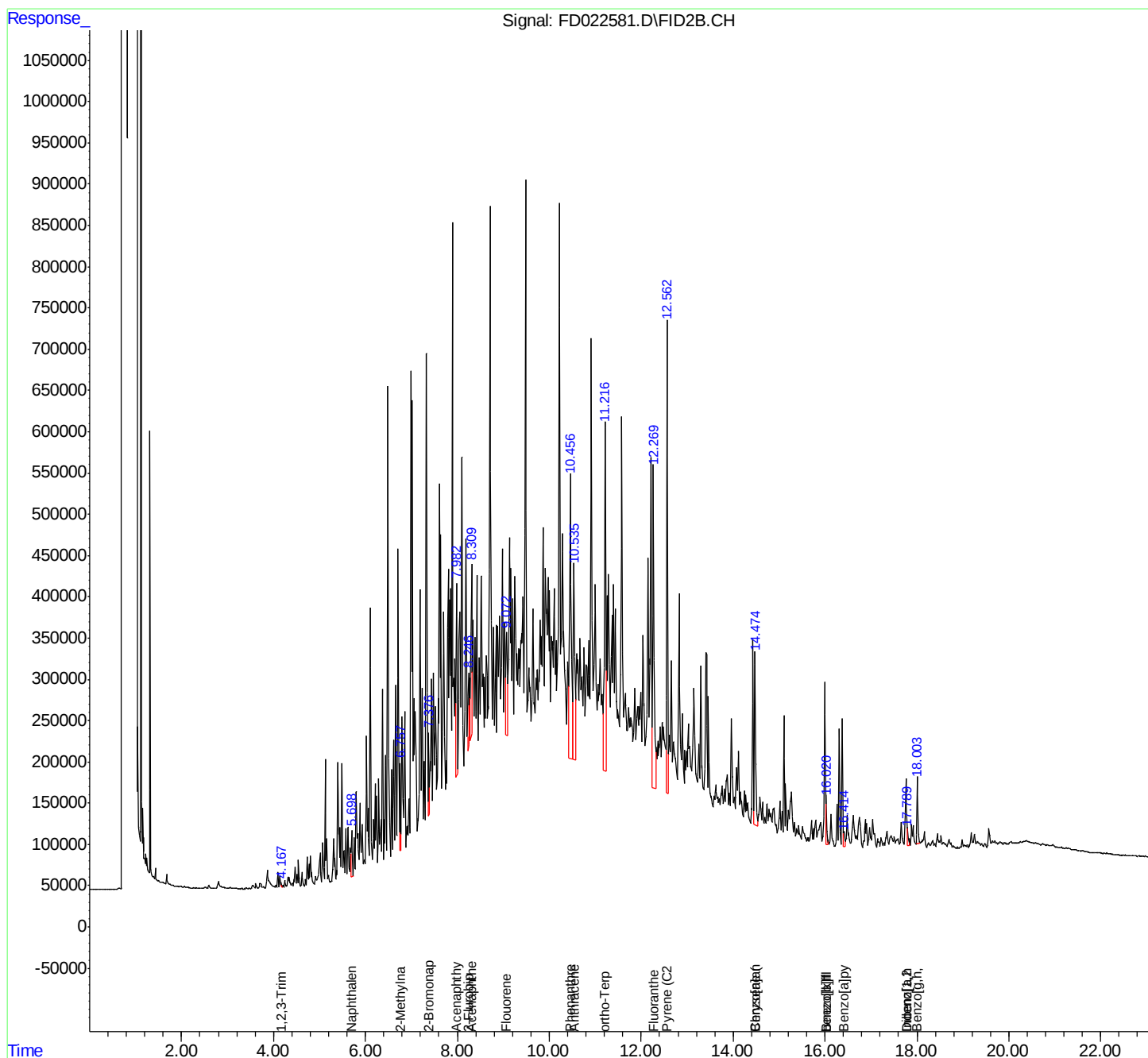
(f)=RT Delta > 1/2 Window

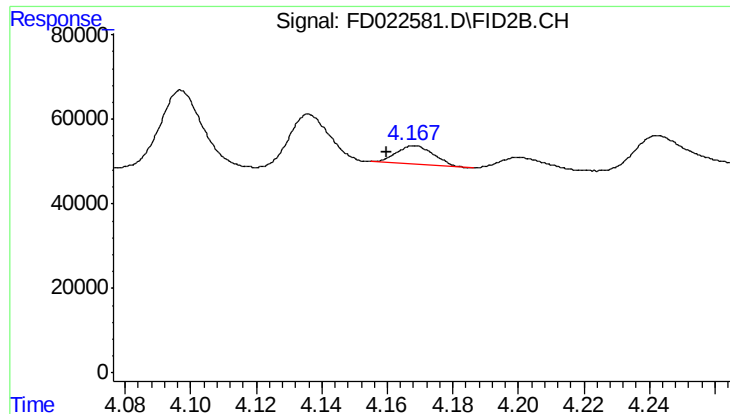
(m)=manual int.

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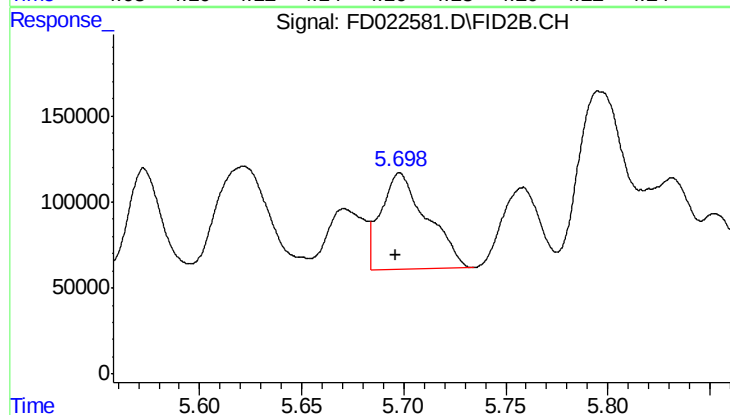
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Signal Info : 20M x 0.18mm x 0.18µm





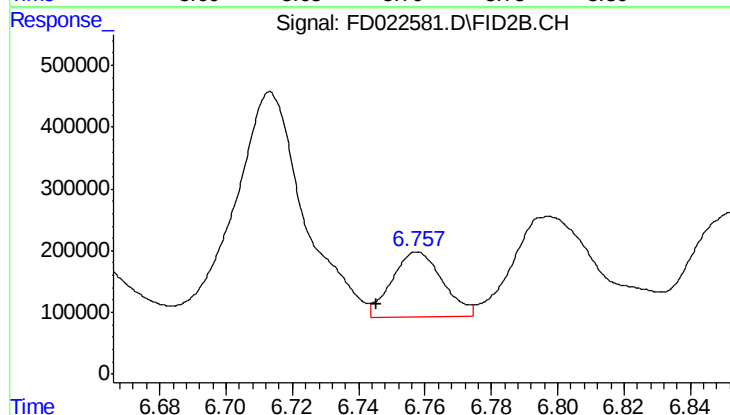
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.168 min
Delta R.T.: 0.009 min
Response: 35156
Conc: 0.40 ug/ml



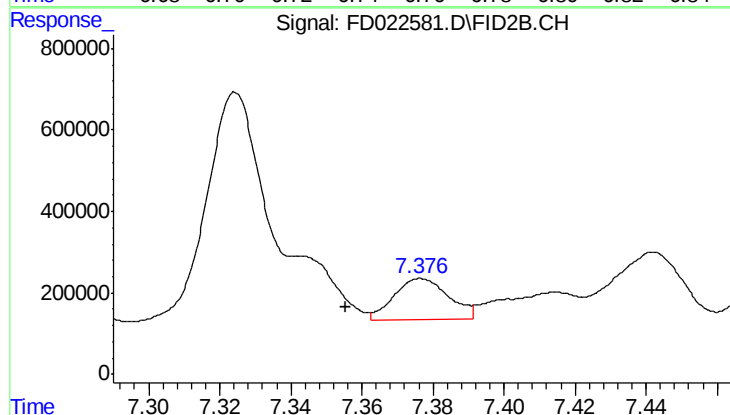
#2 Naphthalene (C11.7)

R.T.: 5.698 min
Delta R.T.: 0.002 min
Response: 880458
Conc: 9.84 ug/ml



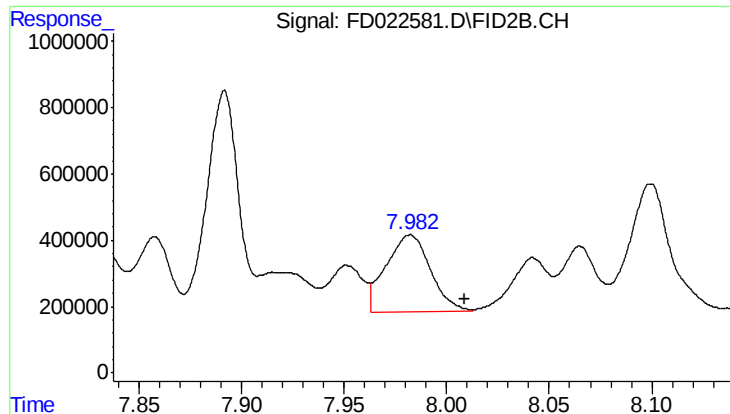
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.758 min
Delta R.T.: 0.012 min
Response: 1126769
Conc: 12.41 ug/ml



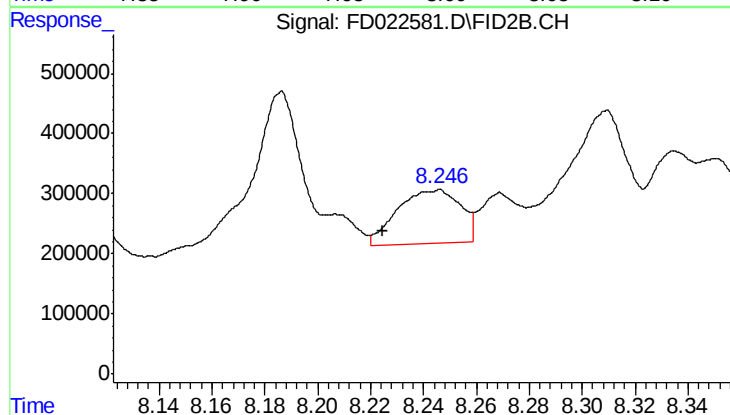
#4 2-Bromonaphthalene (SURR)

R.T.: 7.377 min
Delta R.T.: 0.021 min
Response: 1069604
Conc: 12.77 ug/ml



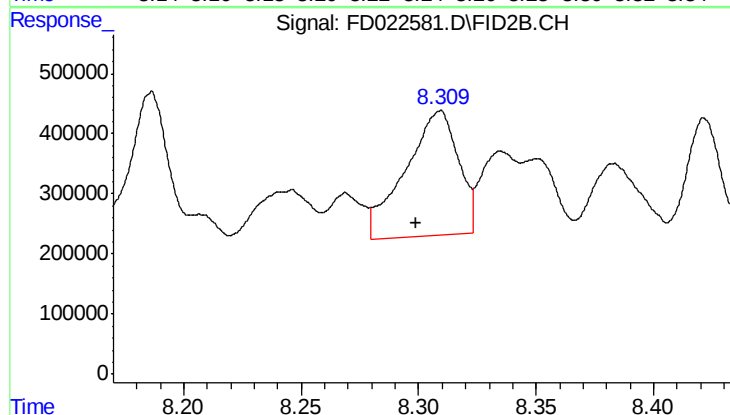
#5 Acenaphthylene (C15.06)

R.T.: 7.982 min
Delta R.T.: -0.027 min
Response: 3555816
Conc: 37.13 ug/ml



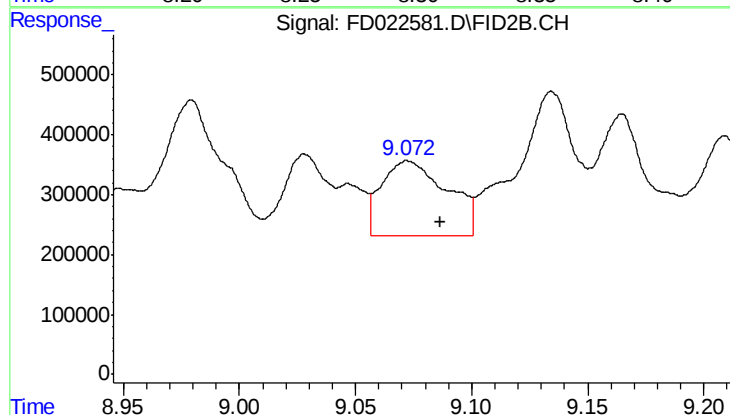
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.246 min
Delta R.T.: 0.021 min
Response: 1477972
Conc: 29.23 ug/ml



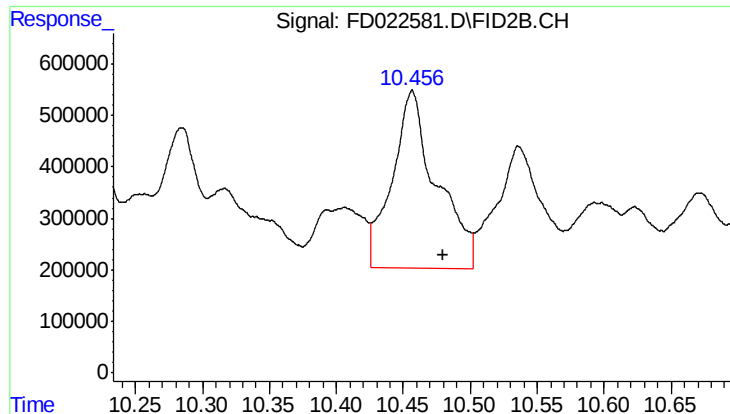
#7 Acenaphthene (C15.5)

R.T.: 8.309 min
Delta R.T.: 0.010 min
Response: 3265012
Conc: 31.87 ug/ml



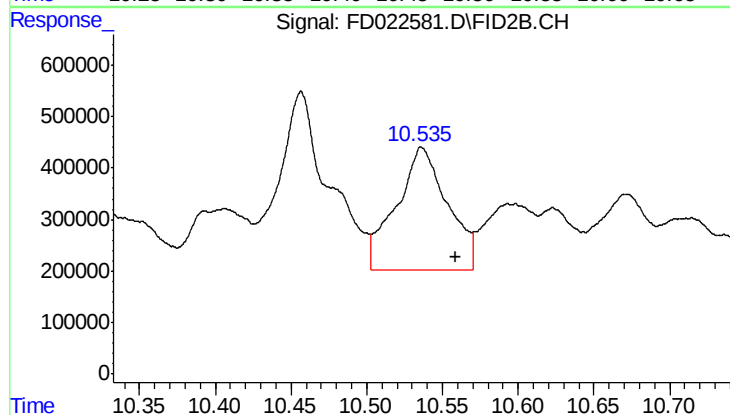
#8 Fluorene (C16.55)

R.T.: 9.073 min
Delta R.T.: -0.014 min
Response: 2459200
Conc: 26.23 ug/ml



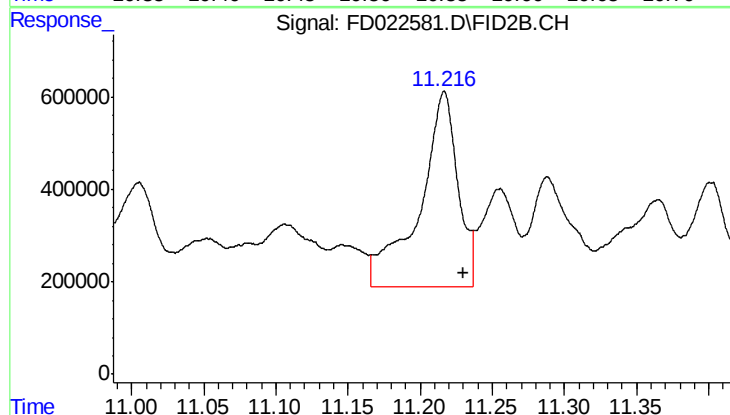
#9 Phenanthrene (C19.36)

R.T.: 10.457 min
Delta R.T.: -0.023 min
Response: 7939678
Conc: 85.22 ug/ml



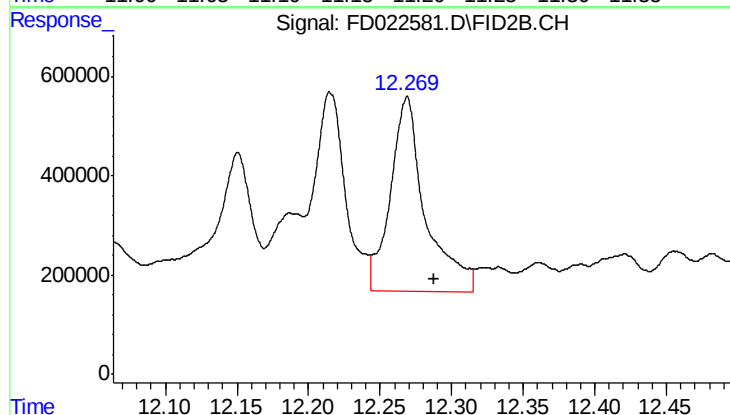
#10 Anthracene (C19.43)

R.T.: 10.536 min
Delta R.T.: -0.023 min
Response: 5600753
Conc: 59.06 ug/ml



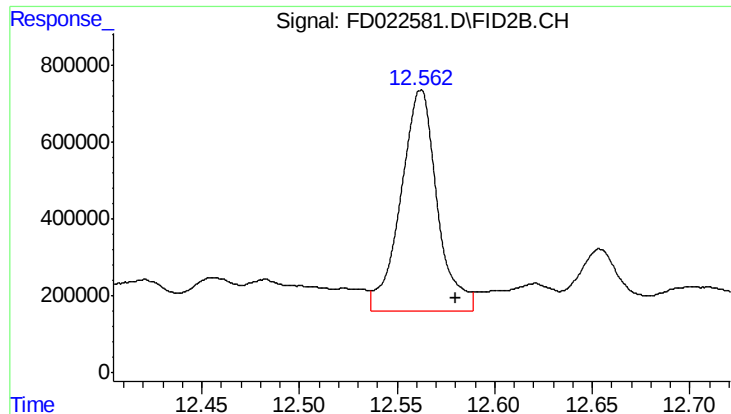
#11 ortho-Terphenyl (SURR)

R.T.: 11.217 min
Delta R.T.: -0.014 min
Response: 7837461
Conc: 82.59 ug/ml



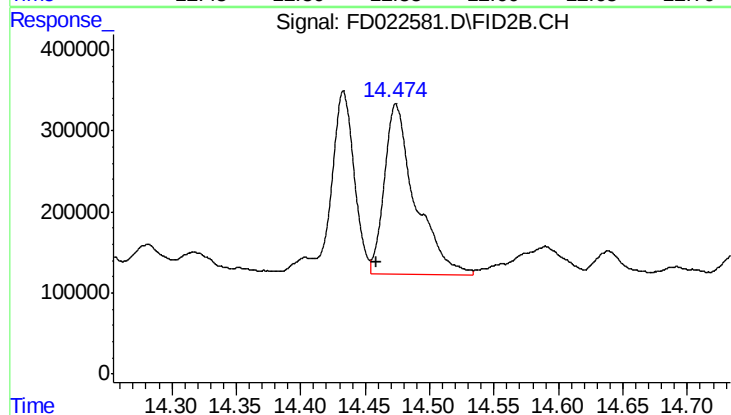
#12 Fluoranthene (C21.85)

R.T.: 12.269 min
Delta R.T.: -0.019 min
Response: 6660909
Conc: 66.41 ug/ml



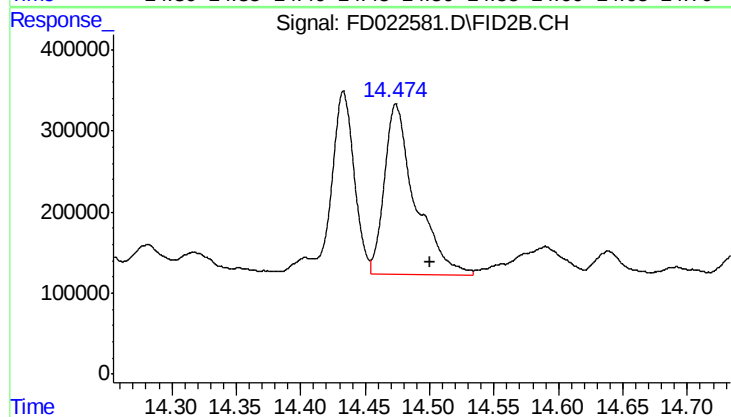
#13 Pyrene (C20.8)

R.T.: 12.562 min
Delta R.T.: -0.018 min
Response: 7427538
Conc: 73.11 ug/ml



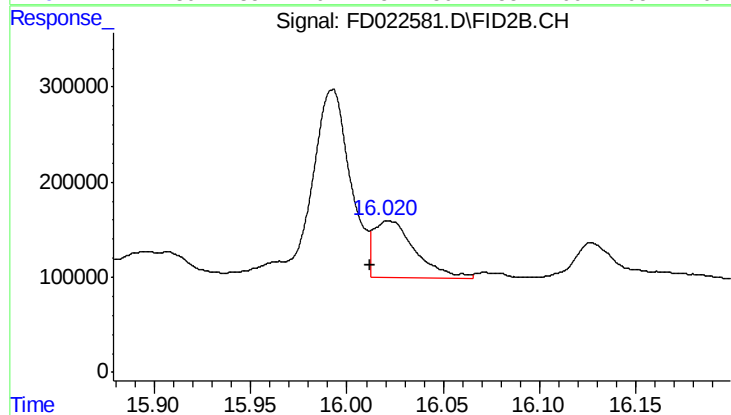
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.474 min
Delta R.T.: 0.015 min
Response: 3510254
Conc: 36.40 ug/ml



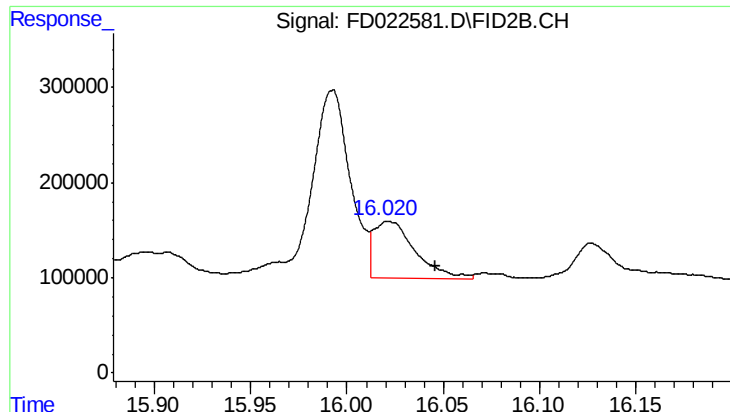
#15 Chrysene (C27.41)

R.T.: 14.474 min
Delta R.T.: -0.026 min
Response: 3510254
Conc: 32.52 ug/ml



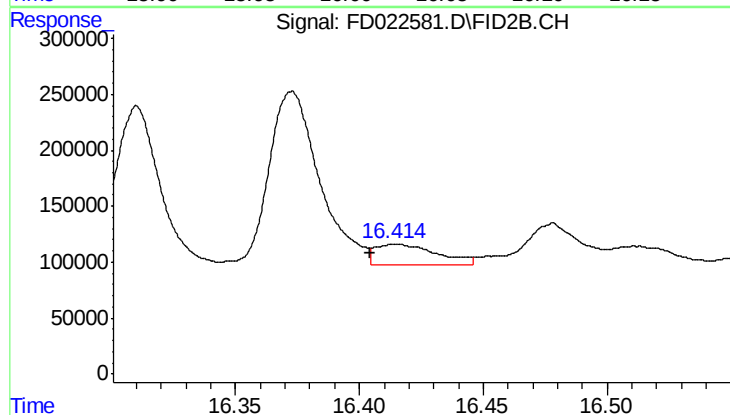
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.022 min
Delta R.T.: 0.009 min
Response: 903483
Conc: 8.99 ug/ml



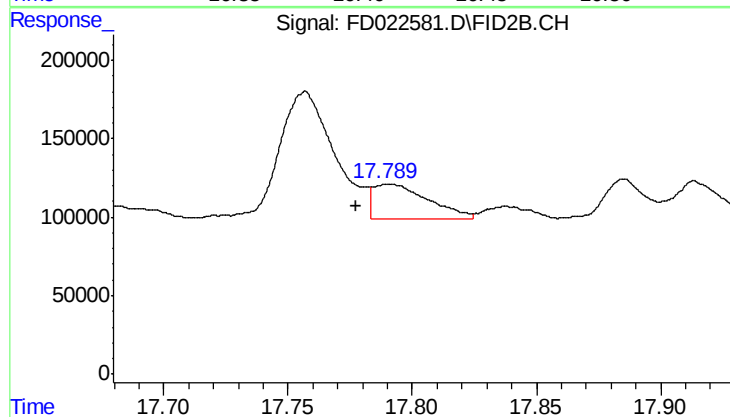
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.022 min
Delta R.T.: -0.024 min
Response: 903483
Conc: 7.96 ug/ml



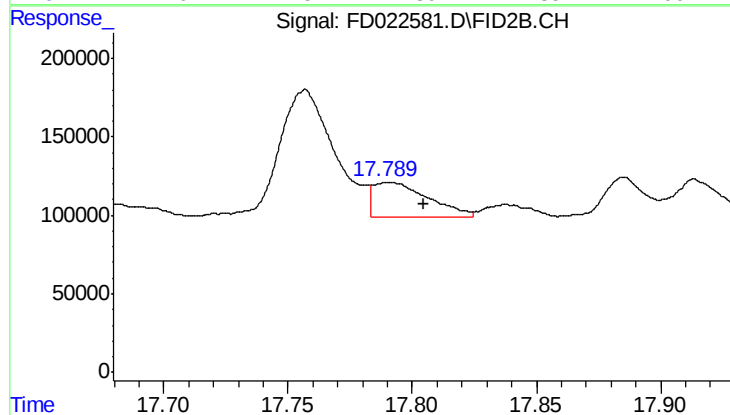
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.415 min
Delta R.T.: 0.011 min
Response: 328717
Conc: 3.13 ug/ml



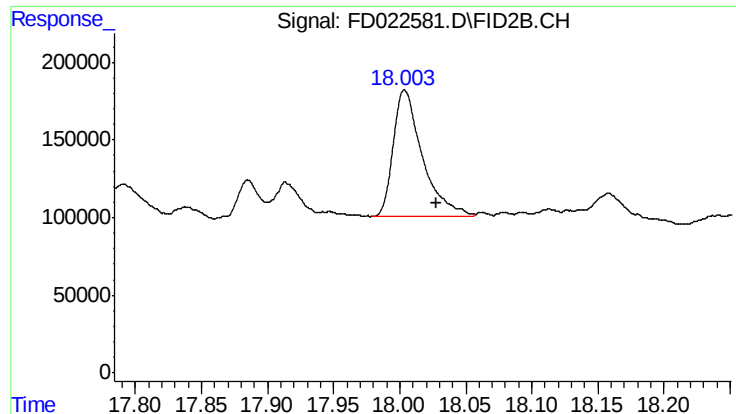
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.791 min
Delta R.T.: 0.014 min
Response: 338138
Conc: 3.55 ug/ml



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

R.T.: 17.791 min
Delta R.T.: -0.014 min
Response: 338138
Conc: 2.98 ug/ml



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

R.T.: 18.004 min
Delta R.T.: -0.024 min
Response: 1251190
Conc: 12.05 ug/ml