

Data Path : P:\HPCHEM1\FID D\Data\FD113017AR\
 Data File : FD018548.D
 Signal(s) : FID2B.CH
 Acq On : 01 Dec 2017 1:43
 Operator : UA/AJ
 Sample : I5275-01
 Misc : AROMATIC LOD-SOIL; 2.5 PPM FIC_D
 ALS Vial : 54 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 15 16:17:48 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 111417.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 15 06:39:34 2017
 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...	7.417	3971090	37.823 ug/ml
Spiked Amount 50.000		Recovery =	75.65%
6) S 2-Fluorobiphenyl (SURR)	8.274	2795578	40.614 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	81.23%
11) S ortho-Terphenyl (SURR)	11.311	4531037	38.962 ug/ml
Spiked Amount 50.000		Recovery =	77.92%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.225	161833	1.279 ug/ml
2) T Naphthalene (C11.7)	5.762	174279	1.430 ug/ml
3) T 2-Methylnaphthalene (...)	6.814	165031	1.374 ug/ml
5) T Acenaphthylene (C15.06)	8.082	194200	1.711 ug/ml
7) T Acenaphthene (C15.5)	8.373	219531	1.895 ug/ml
8) T Fluorene (C16.55)	9.158	178439	1.580 ug/ml
9) T Phenanthrene (C19.36)	10.551	205214	1.757 ug/ml
10) T Anthracene (C19.43)	10.629	175018	1.546 ug/ml
12) T Fluoranthene (C21.85)	12.360	211477	1.690 ug/ml
13) T Pyrene (C20.8)	12.654	214841	1.705 ug/ml
14) T Benzo[alanthracene (C...	14.528	214076	1.686 ug/ml
15) T Chrysene (C27.41)	14.571	287027	2.282 ug/ml
16) T benzo[blfluoranthene ...	16.112	280858	2.141 ug/ml
17) T Bnezo[klfluoranthene ...	16.112	280858	2.147 ug/ml
18) T Benzo[alpyrene (C31.34)	16.466	241950	1.872 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.868	293868	2.303 ug/ml
20) T Dibenz[fa,h]anthracene...	17.868	293868	2.279 ug/ml
21) T Benzo[qa,h]ilpervlene ...	18.084	265806	2.071 ug/ml

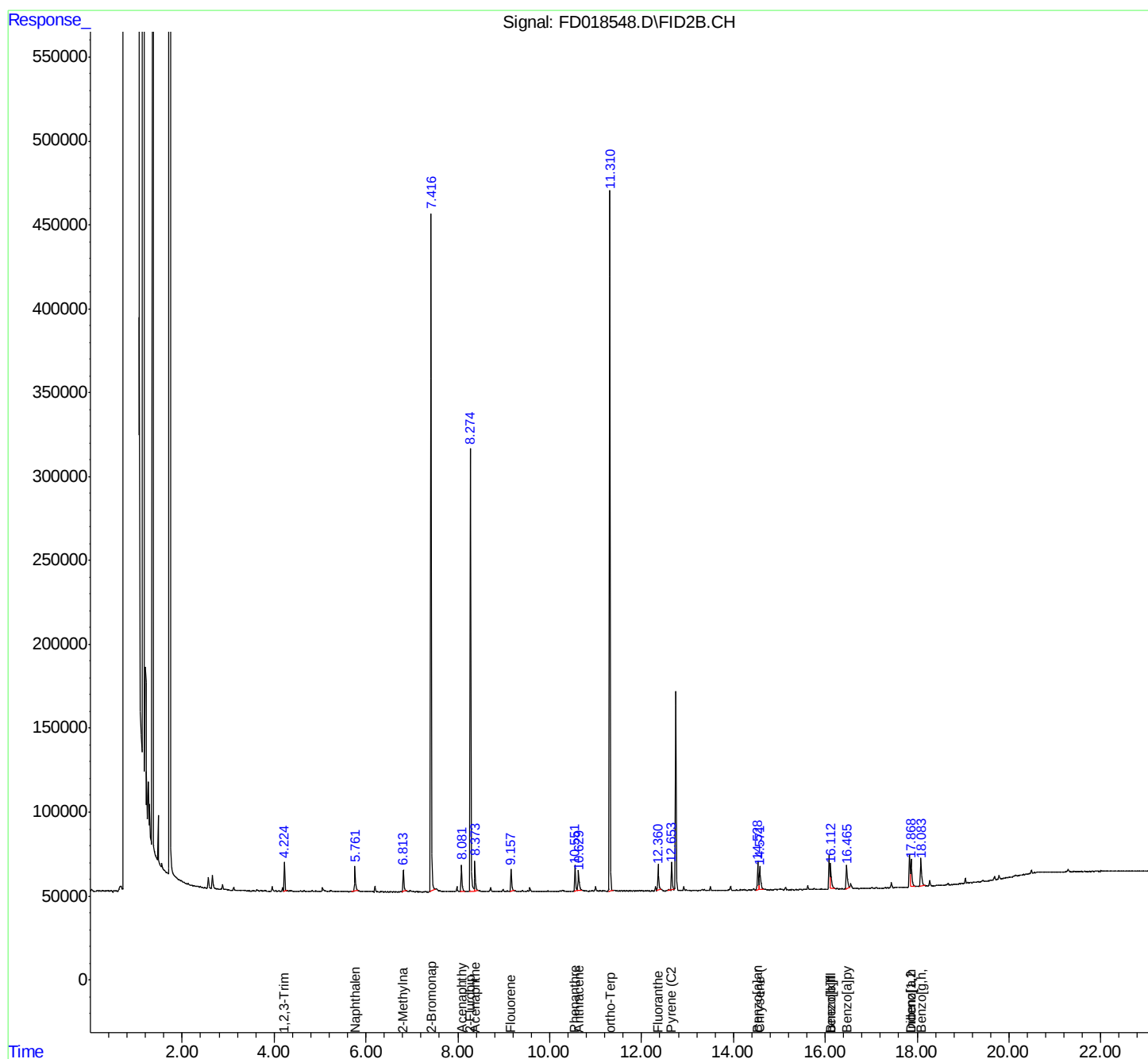
(f)=RT Delta > 1/2 Window

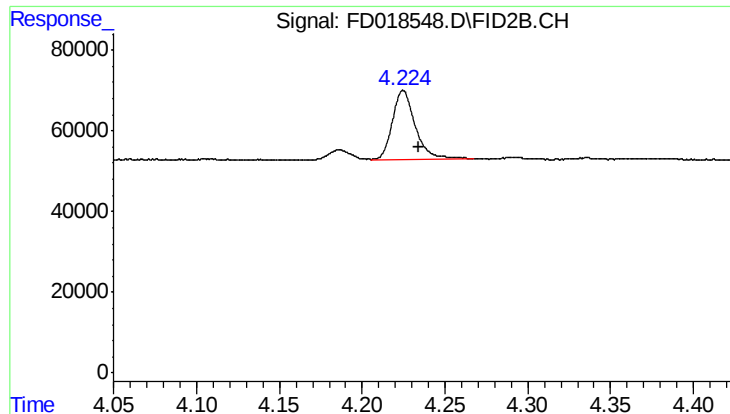
(m)=manual int.

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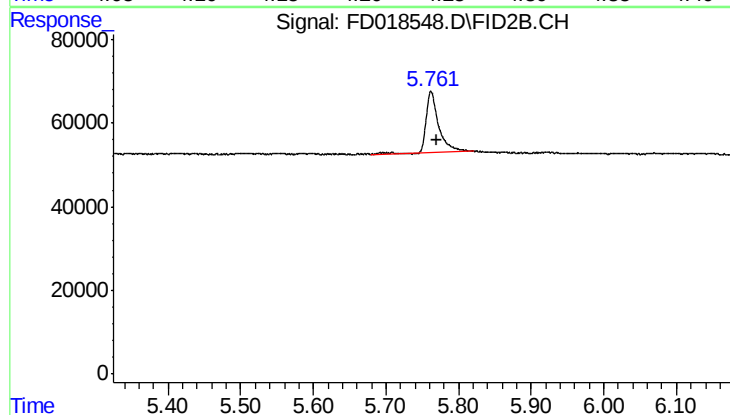
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Signal Info : 20M x 0.18mm x 0.18µm





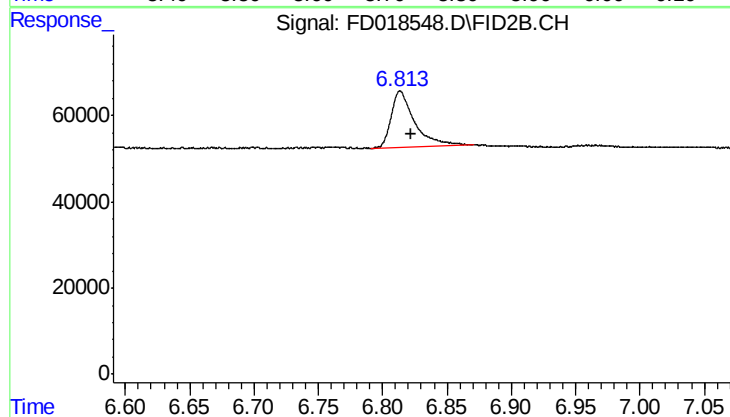
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.225 min
Delta R.T.: -0.009 min
Response: 161833
Conc: 1.28 ug/ml



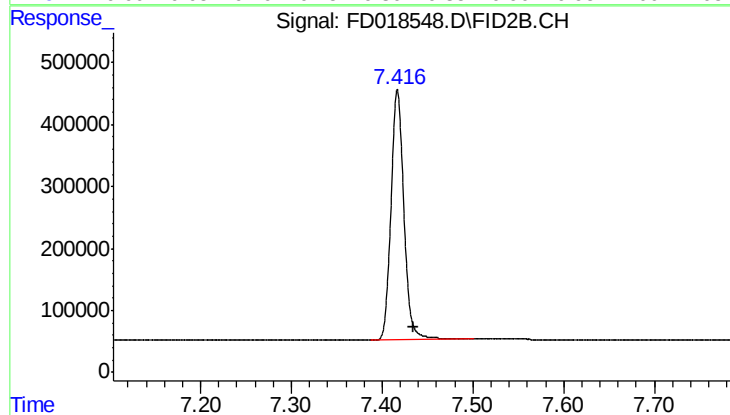
#2 Naphthalene (C11.7)

R.T.: 5.762 min
Delta R.T.: -0.008 min
Response: 174279
Conc: 1.43 ug/ml



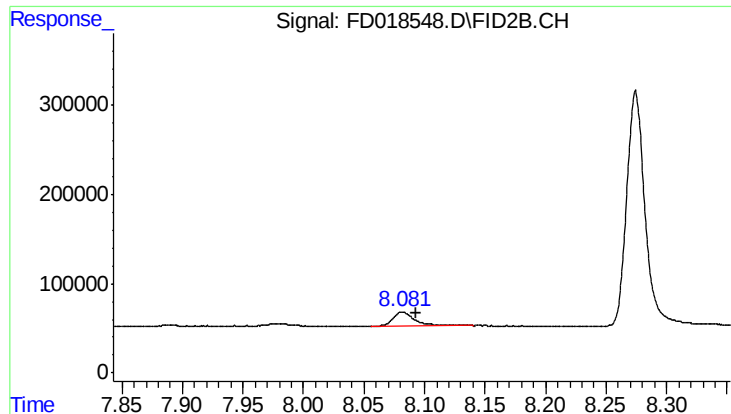
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.814 min
Delta R.T.: -0.008 min
Response: 165031
Conc: 1.37 ug/ml



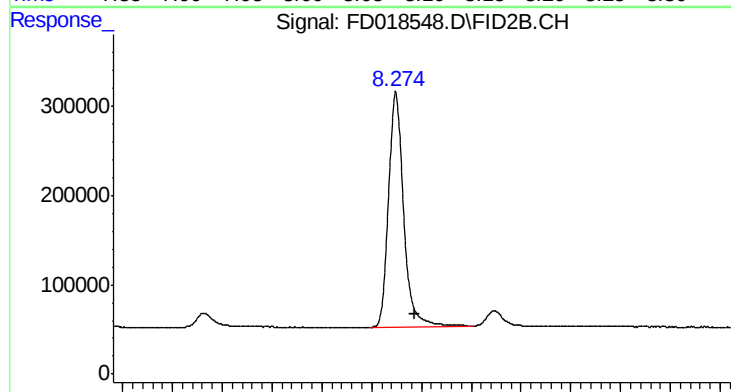
#4 2-Bromonaphthalene (SURR)

R.T.: 7.417 min
Delta R.T.: -0.017 min
Response: 3971090
Conc: 37.82 ug/ml



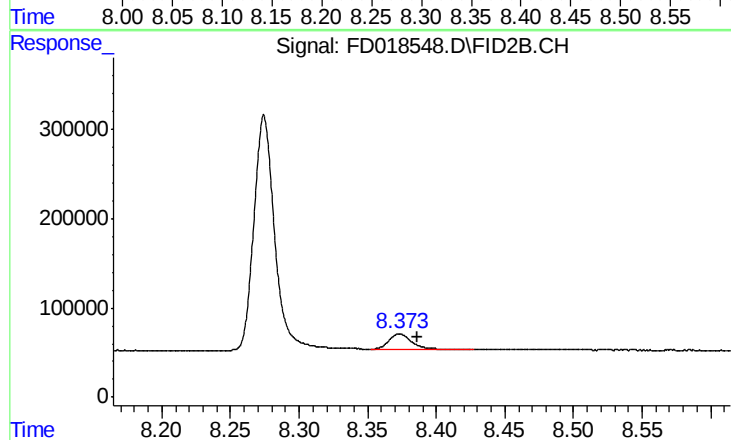
#5 Acenaphthylene (C15.06)

R.T.: 8.082 min
Delta R.T.: -0.011 min
Response: 194200
Conc: 1.71 ug/ml



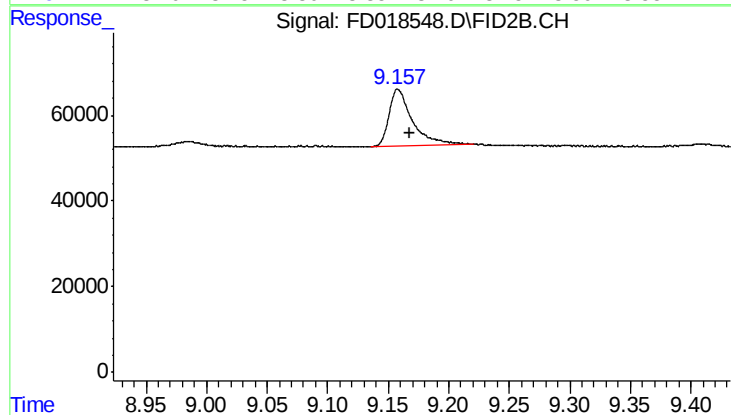
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.274 min
Delta R.T.: -0.019 min
Response: 2795578
Conc: 40.61 ug/ml



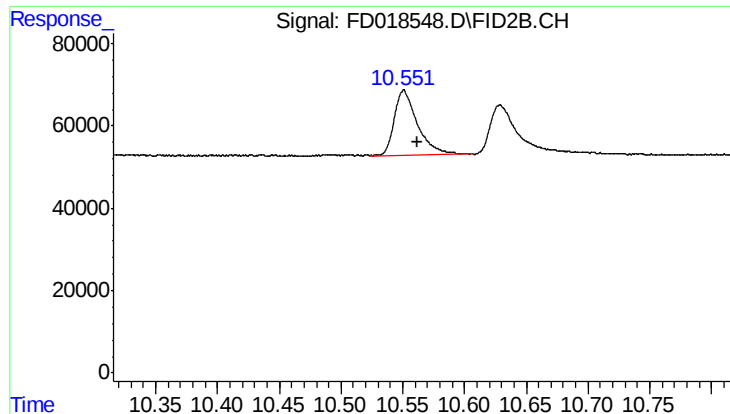
#7 Acenaphthene (C15.5)

R.T.: 8.373 min
Delta R.T.: -0.013 min
Response: 219531
Conc: 1.89 ug/ml



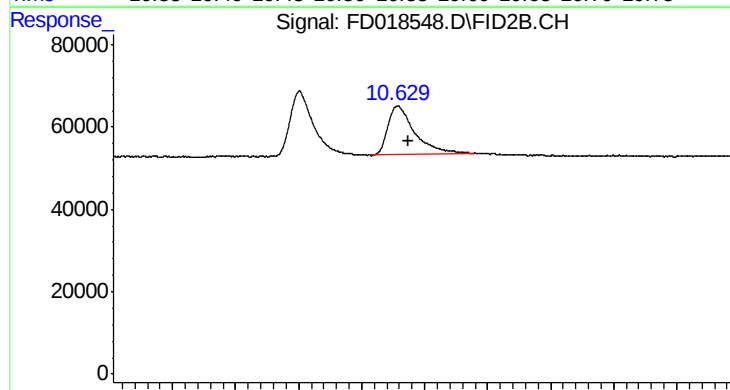
#8 Fluorene (C16.55)

R.T.: 9.158 min
Delta R.T.: -0.009 min
Response: 178439
Conc: 1.58 ug/ml



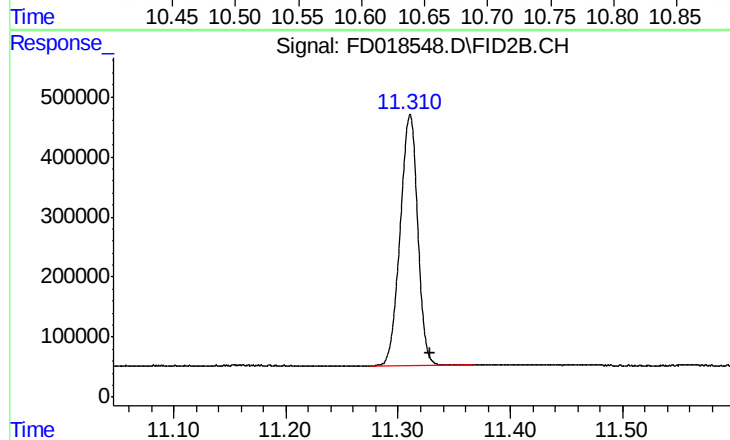
#9 Phenanthrene (C19.36)

R.T.: 10.551 min
Delta R.T.: -0.011 min
Response: 205214
Conc: 1.76 ug/ml



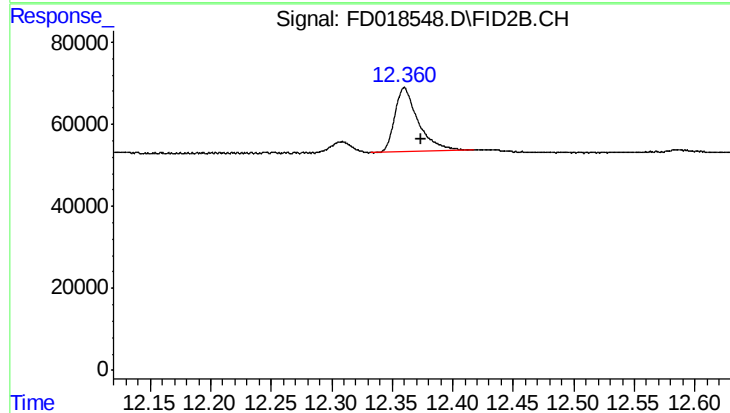
#10 Anthracene (C19.43)

R.T.: 10.629 min
Delta R.T.: -0.008 min
Response: 175018
Conc: 1.55 ug/ml



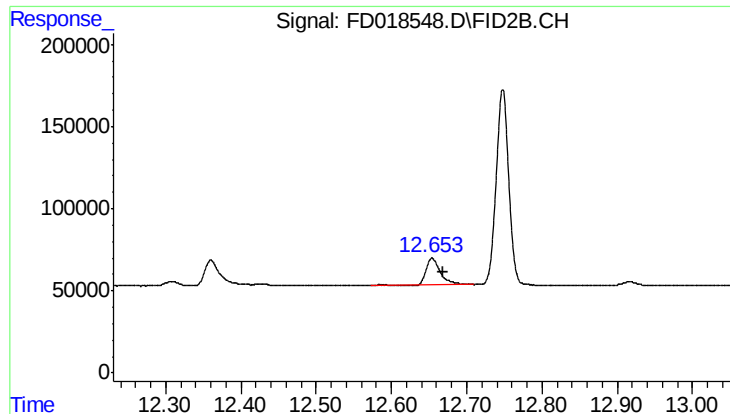
#11 ortho-Terphenyl (SURR)

R.T.: 11.311 min
Delta R.T.: -0.018 min
Response: 4531037
Conc: 38.96 ug/ml



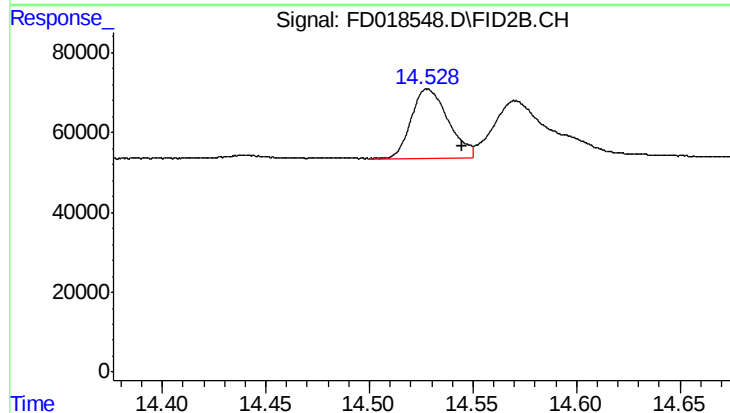
#12 Fluoranthene (C21.85)

R.T.: 12.360 min
Delta R.T.: -0.014 min
Response: 211477
Conc: 1.69 ug/ml



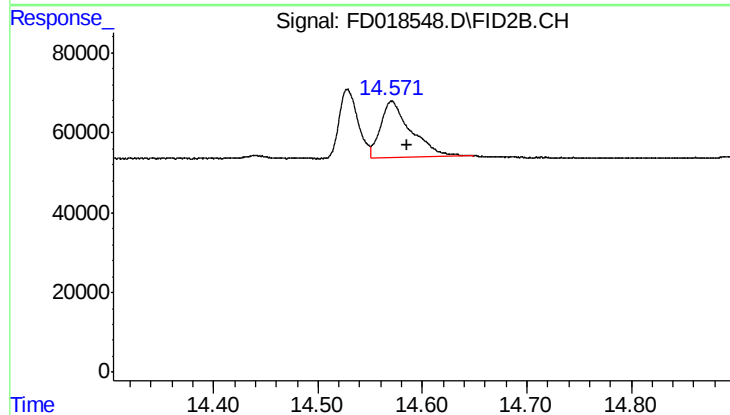
#13 Pyrene (C20.8)

R.T.: 12.654 min
Delta R.T.: -0.015 min
Response: 214841
Conc: 1.70 ug/ml



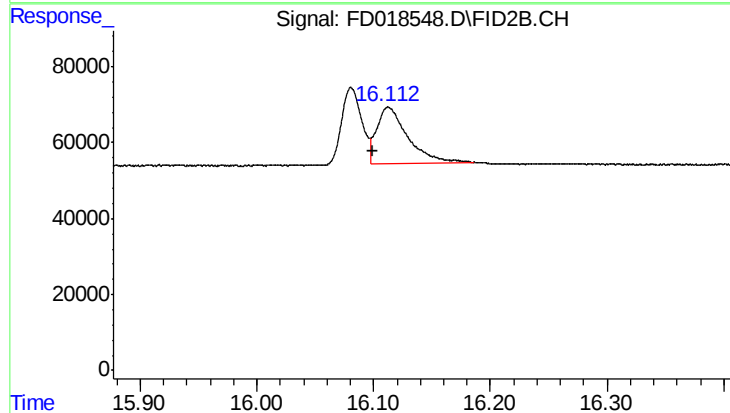
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.528 min
Delta R.T.: -0.017 min
Response: 214076
Conc: 1.69 ug/ml



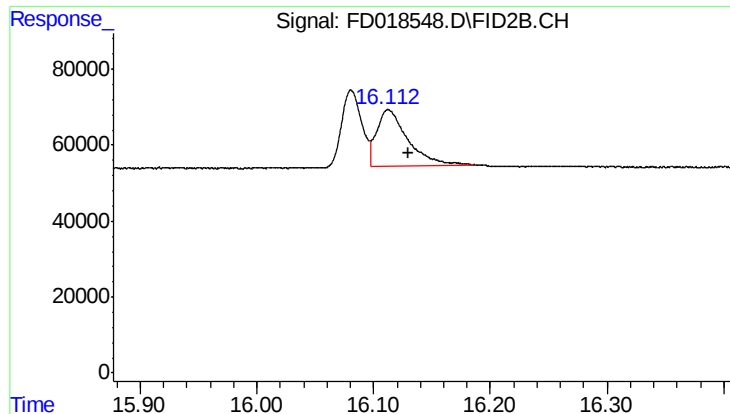
#15 Chrysene (C27.41)

R.T.: 14.571 min
Delta R.T.: -0.015 min
Response: 287027
Conc: 2.28 ug/ml



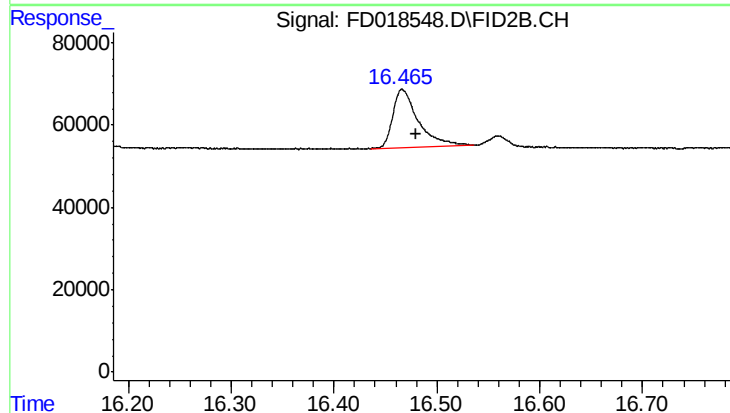
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.112 min
Delta R.T.: 0.013 min
Response: 280858
Conc: 2.14 ug/ml



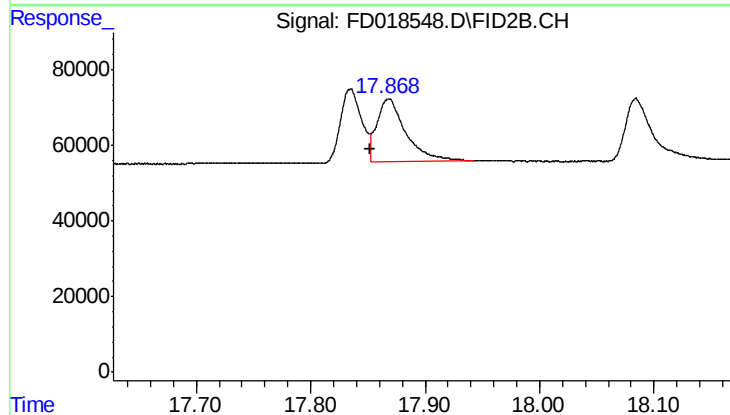
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.112 min
Delta R.T.: -0.017 min
Response: 280858
Conc: 2.15 ug/ml



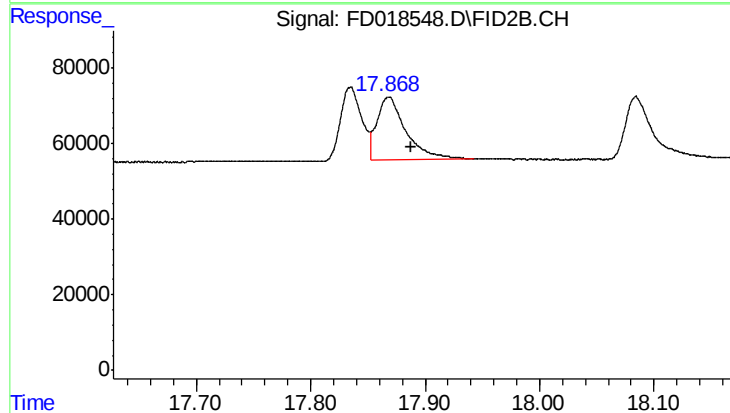
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.466 min
Delta R.T.: -0.013 min
Response: 241950
Conc: 1.87 ug/ml



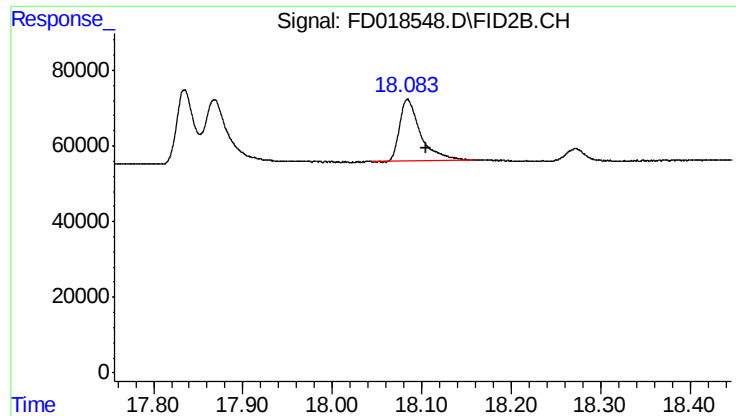
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.868 min
Delta R.T.: 0.016 min
Response: 293868
Conc: 2.30 ug/ml



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

R.T.: 17.868 min
Delta R.T.: -0.019 min
Response: 293868
Conc: 2.28 ug/ml



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

R.T.: 18.084 min
Delta R.T.: -0.020 min
Response: 265806
Conc: 2.07 ug/ml