

Data Path : P:\HPCHEM1\FID D\Data\FD020618AR\
 Data File : FD019897.D
 Signal(s) : FID2B.CH
 Acq On : 07 Feb 2018 13:04
 Operator : UA/AJ
 Sample : AROMATIC Silica Gel Check
 Misc : AROMATIC Silica LOT#1510231
 ALS Vial : 77 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Feb 07 14:06:50 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 011818.M
 Quant Title : GC Extractables
 QLast Update : Fri Jan 19 04:27:29 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...	7.358	7700736	95.173 ug/ml
Spiked Amount 50.000		Recovery =	190.35%
6) S 2-Fluorobiphenyl (SURR)	8.216	5141550	94.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	188.00%#
11) S ortho-Terphenyl (SURR)	11.248	8125729	82.135 ug/ml
Spiked Amount 50.000		Recovery =	164.27%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.165	5291531	59.773 ug/ml
2) T Naphthalene (C11.7)	5.695	6063091	67.885 ug/ml
3) T 2-Methylnaphthalene (...)	6.746	6531973	71.149 ug/ml
5) T Acenaphthylene (C15.06)	8.016	6387931	67.368 ug/ml
7) T Acenaphthene (C15.5)	8.309	6956540	71.312 ug/ml
8) T Fluorene (C16.55)	9.091	6809766	71.659 ug/ml
9) T Phenanthrene (C19.36)	10.485	7291360	73.342 ug/ml
10) T Anthracene (C19.43)	10.561	7086262	72.870 ug/ml
12) T Fluoranthene (C21.85)	12.294	7323162	69.079 ug/ml
13) T Pyrene (C20.8)	12.589	7257388	68.513 ug/ml
14) T Benzo[<i>a</i>]anthracene (C...	14.465	7429897	70.991 ug/ml
15) T Chrysene (C27.41)	14.507	8234842	76.194 ug/ml
16) T benzo[<i>b</i>]fluoranthene ...	16.021	7689722	71.473 ug/ml
17) T Benzo[<i>k</i>]fluoranthene ...	16.053	7819882	69.038 ug/ml
18) T Benzo[<i>a</i>]pyrene (C31.34)	16.400	7587979	69.613 ug/ml
19) T Indeno[1,2,3- <i>cd</i>]pyren...	17.807	7749095	78.331 ug/ml
20) T Dibenz[<i>a,h</i>]anthracene...	17.807	7749095	67.610 ug/ml
21) T Benzo[<i>a,h,i</i>]pervlene ...	18.029	7895361	75.656 ug/ml

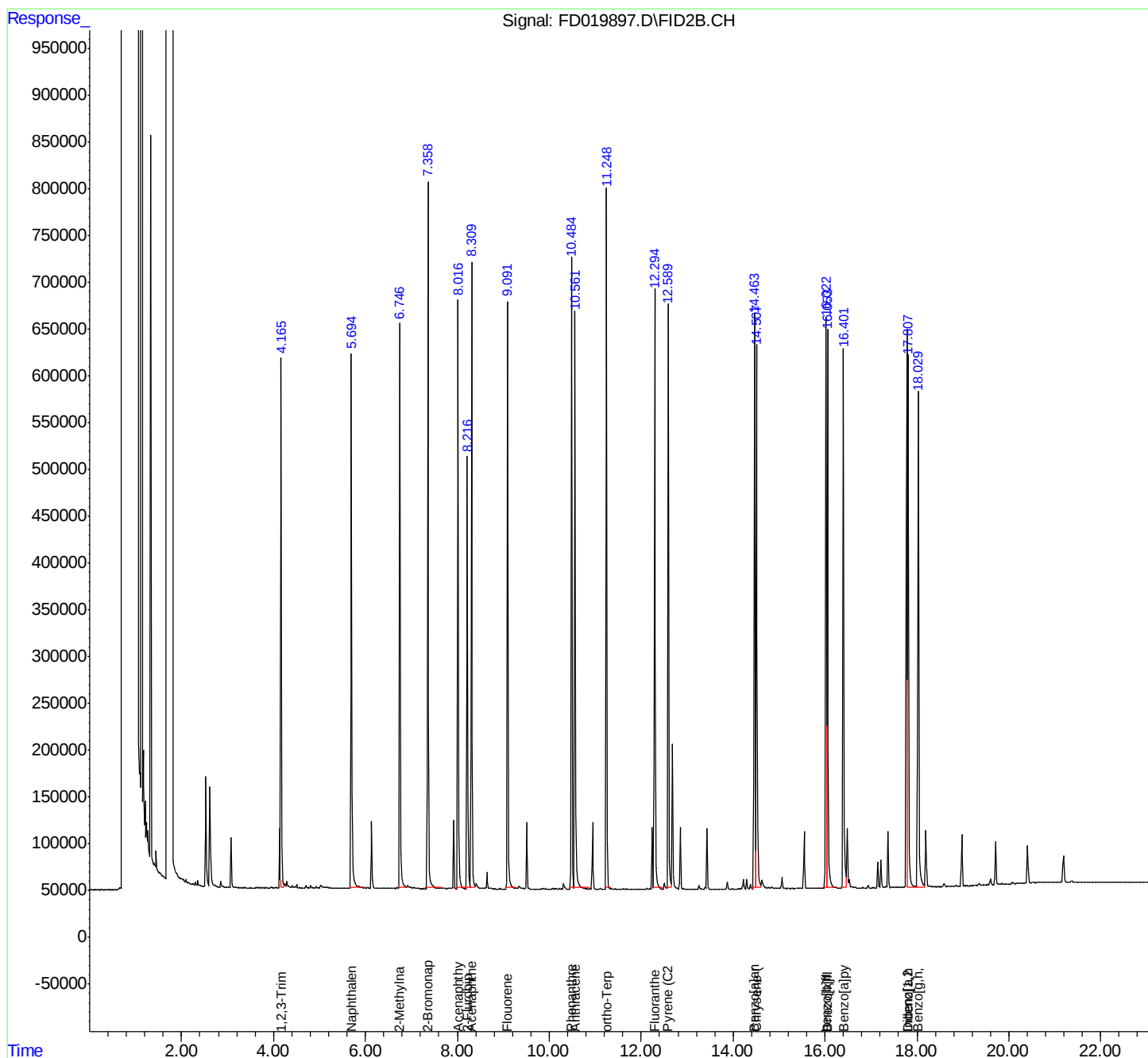
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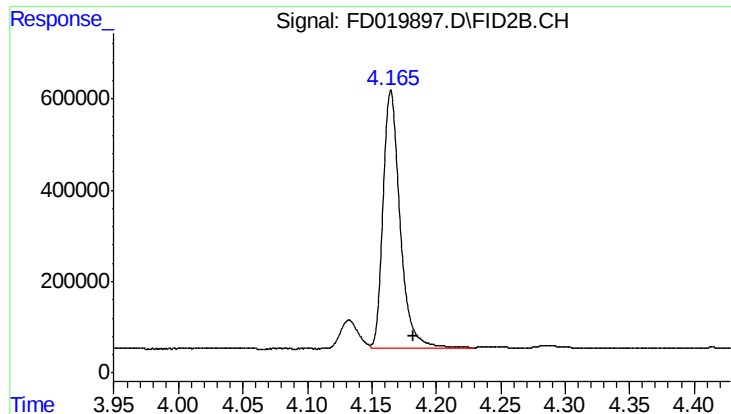
(m)=manual int.

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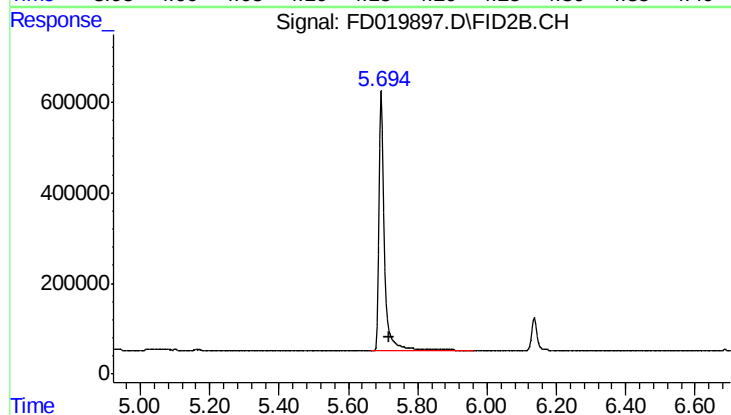
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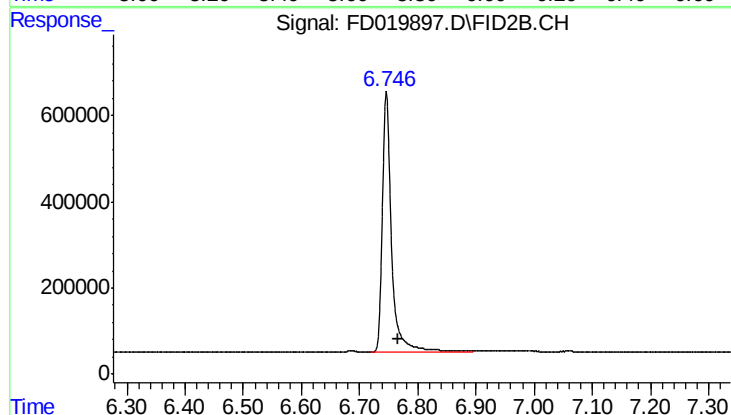
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.165 min
Delta R.T.: -0.018 min
Response: 5291531
Conc: 59.77 ug/ml



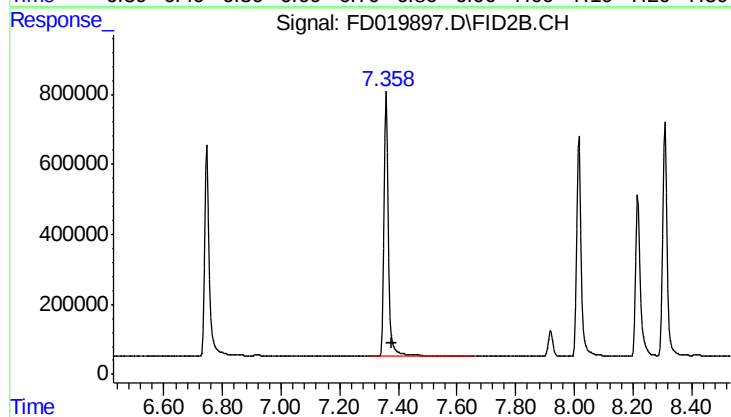
#2 Naphthalene (C11.7)

R.T.: 5.695 min
Delta R.T.: -0.022 min
Response: 6063091
Conc: 67.89 ug/ml



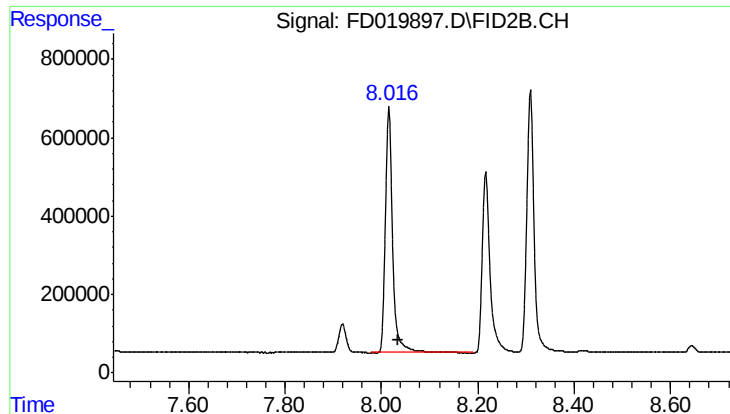
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.746 min
Delta R.T.: -0.020 min
Response: 6531973
Conc: 71.15 ug/ml



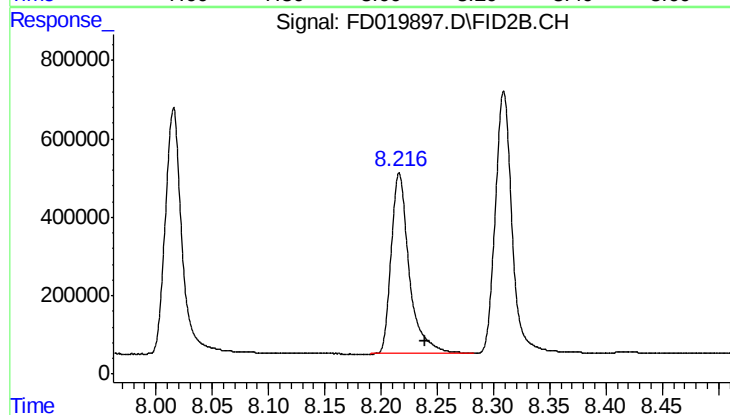
#4 2-Bromonaphthalene (SURR)

R.T.: 7.358 min
Delta R.T.: -0.020 min
Response: 7700736
Conc: 95.17 ug/ml



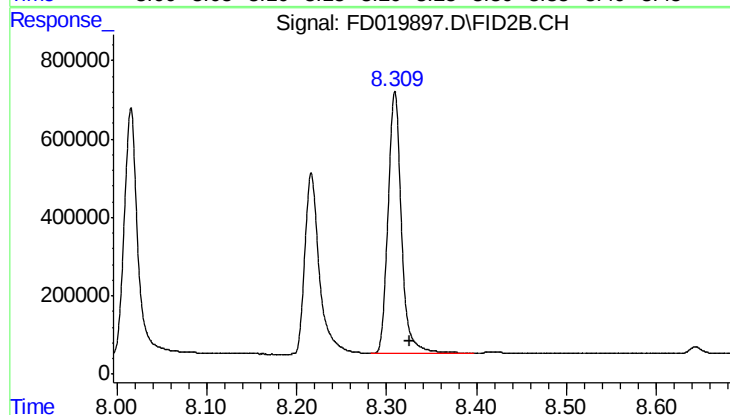
#5 Acenaphthylene (C15.06)

R.T.: 8.016 min
Delta R.T.: -0.018 min
Response: 6387931
Conc: 67.37 ug/ml



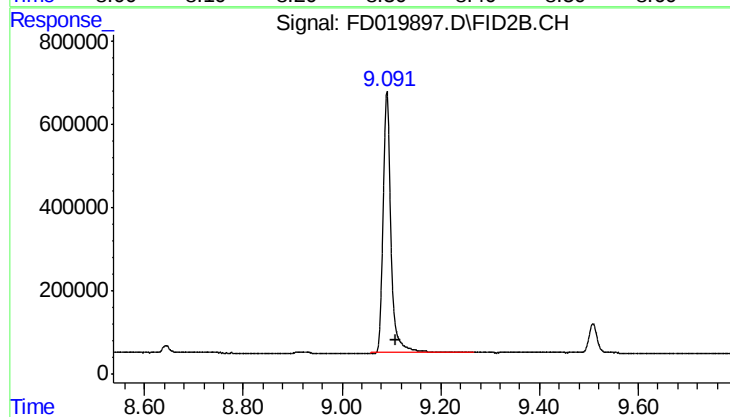
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.216 min
Delta R.T.: -0.023 min
Response: 5141550
Conc: 94.00 ug/ml



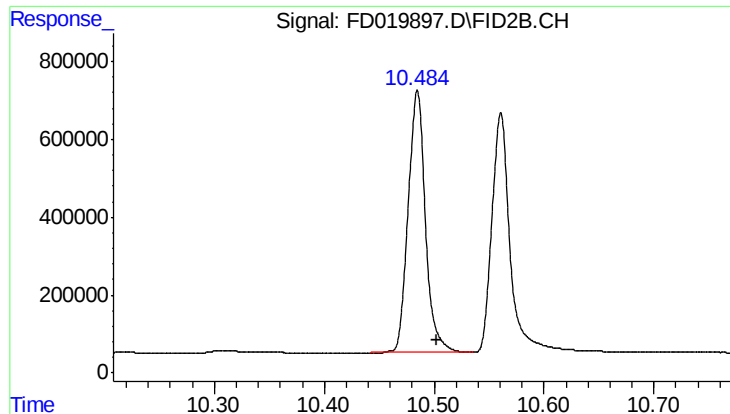
#7 Acenaphthene (C15.5)

R.T.: 8.309 min
Delta R.T.: -0.017 min
Response: 6956540
Conc: 71.31 ug/ml



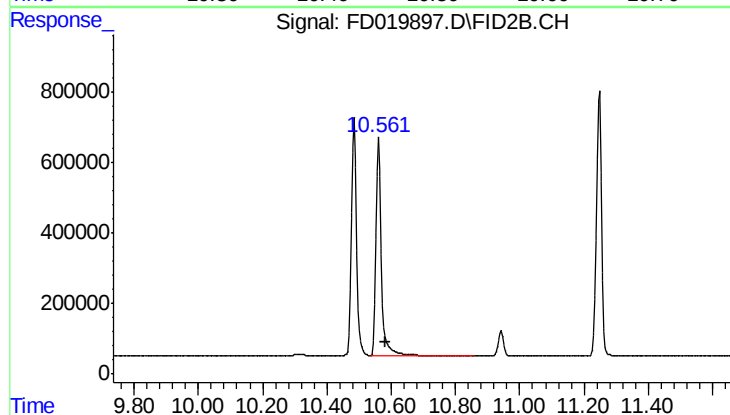
#8 Fluorene (C16.55)

R.T.: 9.091 min
Delta R.T.: -0.019 min
Response: 6809766
Conc: 71.66 ug/ml



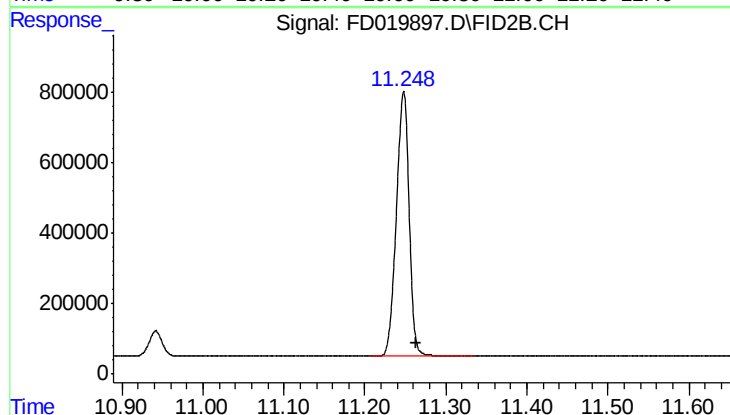
#9 Phenanthrene (C19.36)

R.T.: 10.485 min
Delta R.T.: -0.018 min
Response: 7291360
Conc: 73.34 ug/ml



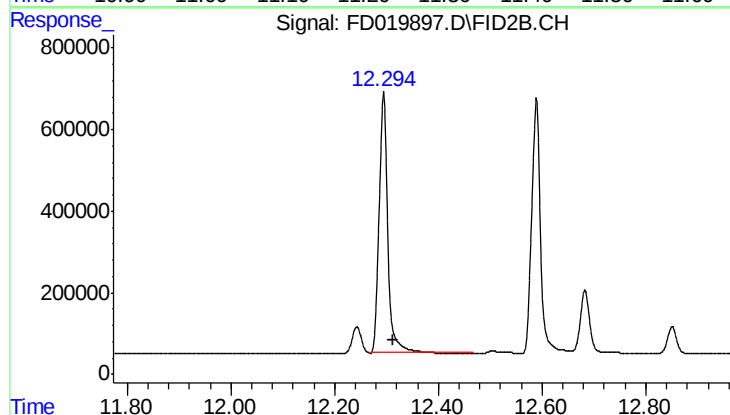
#10 Anthracene (C19.43)

R.T.: 10.561 min
Delta R.T.: -0.020 min
Response: 7086262
Conc: 72.87 ug/ml



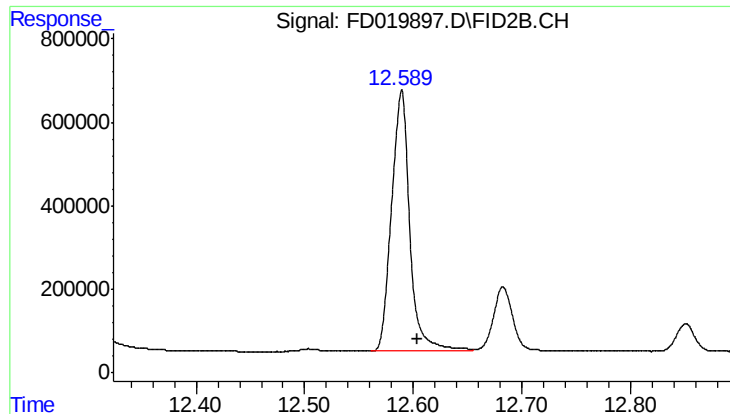
#11 ortho-Terphenyl (SURR)

R.T.: 11.248 min
Delta R.T.: -0.015 min
Response: 8125729
Conc: 82.13 ug/ml



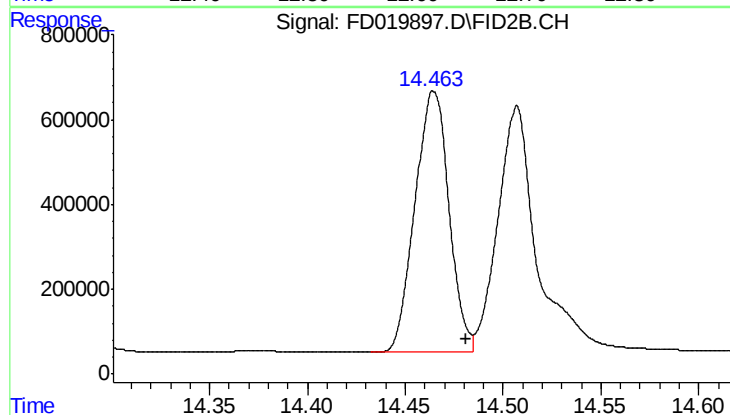
#12 Fluoranthene (C21.85)

R.T.: 12.294 min
Delta R.T.: -0.018 min
Response: 7323162
Conc: 69.08 ug/ml



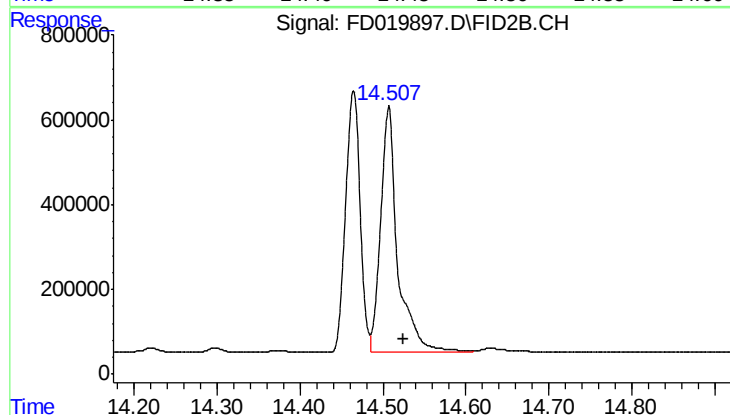
#13 Pyrene (C20.8)

R.T.: 12.589 min
Delta R.T.: -0.015 min
Response: 7257388
Conc: 68.51 ug/ml



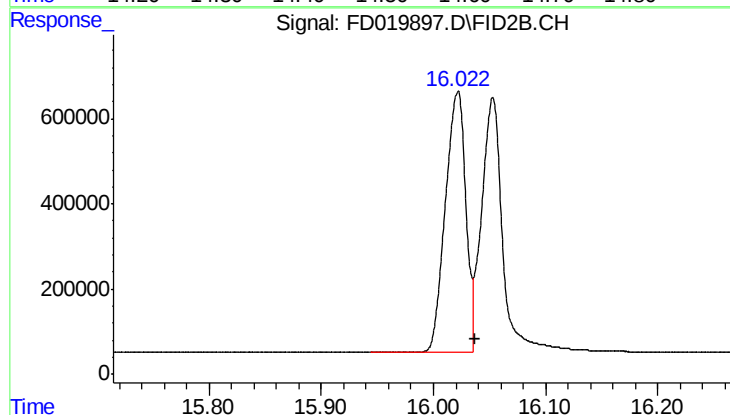
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.465 min
Delta R.T.: -0.017 min
Response: 7429897
Conc: 70.99 ug/ml



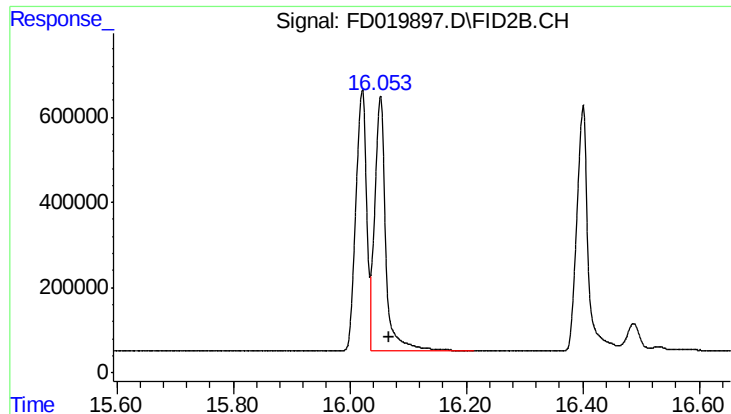
#15 Chrysene (C27.41)

R.T.: 14.507 min
Delta R.T.: -0.017 min
Response: 8234842
Conc: 76.19 ug/ml



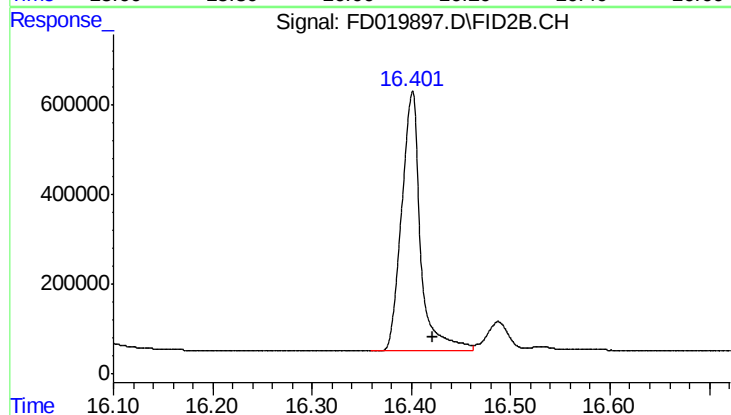
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.021 min
Delta R.T.: -0.015 min
Response: 7689722
Conc: 71.47 ug/ml



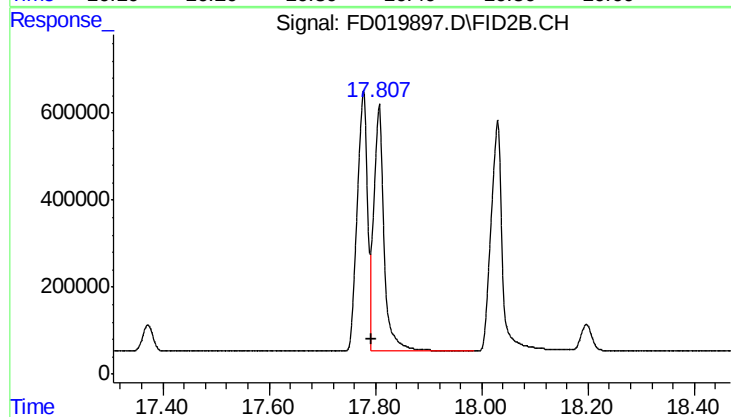
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.053 min
Delta R.T.: -0.015 min
Response: 7819882
Conc: 69.04 ug/ml



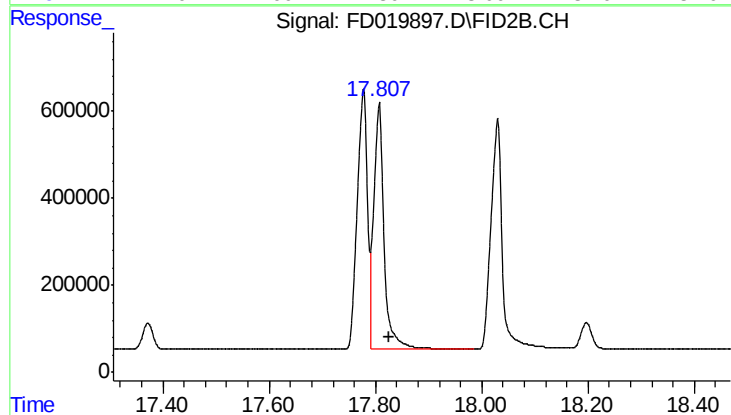
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.400 min
Delta R.T.: -0.020 min
Response: 7587979
Conc: 69.61 ug/ml



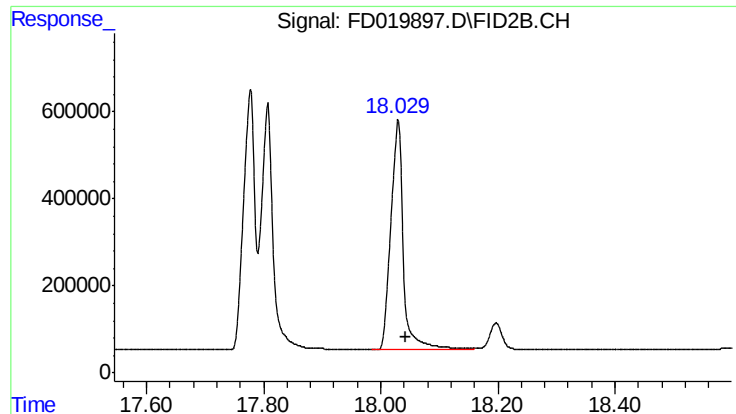
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.807 min
Delta R.T.: 0.013 min
Response: 7749095
Conc: 78.33 ug/ml



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

R.T.: 17.807 min
Delta R.T.: -0.019 min
Response: 7749095
Conc: 67.61 ug/ml



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

R.T.: 18.029 min
Delta R.T.: -0.014 min
Response: 7895361
Conc: 75.66 ug/ml