

Data Path : P:\HPCHEM1\FID D\Data\FD022018AR\
 Data File : FD020096.D
 Signal(s) : FID2B.CH
 Acq On : 20 Feb 2018 20:05
 Operator : UA/AJ
 Sample : PB106681BS
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 21 06:12:43 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...	7.346	4086414	48.777 ug/ml
Spiked Amount 50.000		Recovery =	97.55%
6) S 2-Fluorobiphenyl (SURR)	8.203	2709022	53.583 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	107.17%
11) S ortho-Terphenyl (SURR)	11.231	4077162	42.962 ug/ml
Spiked Amount 50.000		Recovery =	85.92%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.154	3055996	34.606 ug/mlm
2) T Naphthalene (C11.7)	5.684	3365286	37.621 ug/ml
3) T 2-Methylnaphthalene (...)	6.734	3643874	40.122 ug/ml
5) T Acenaphthylene (C15.06)	8.002	3632158	37.926 ug/ml
7) T Acenaphthene (C15.5)	8.295	3950088	38.560 ug/ml
8) T Fluorene (C16.55)	9.077	3918799	41.794 ug/ml
9) T Phenanthrene (C19.36)	10.469	4231981	45.421 ug/ml
10) T Anthracene (C19.43)	10.545	4257662	44.899 ug/ml
12) T Fluoranthene (C21.85)	12.279	4495056	44.814 ug/ml
13) T Pyrene (C20.8)	12.573	4428374	43.588 ug/ml
14) T Benzo[<i>a</i>]anthracene (C...	14.450	4434499	45.987 ug/ml
15) T Chrysene (C27.41)	14.491	4370137	40.490 ug/mlm
16) T benzo[<i>b</i>]fluoranthene ...	16.006	4540253	45.163 ug/ml
17) T Benzo[<i>k</i>]fluoranthene ...	16.036	4632987	40.828 ug/ml
18) T Benzo[<i>a</i>]pyrene (C31.34)	16.385	4423828	42.095 ug/ml
19) T Indeno[1,2,3- <i>cd</i>]pyren...	17.761	4189071	43.969 ug/mlm
20) T Dibenz[<i>a,h</i>]anthracene...	17.792	4522049	39.794 ug/ml
21) T Benzo[<i>a,h,i</i>]pervlene ...	18.013	4520184	43.521 ug/ml

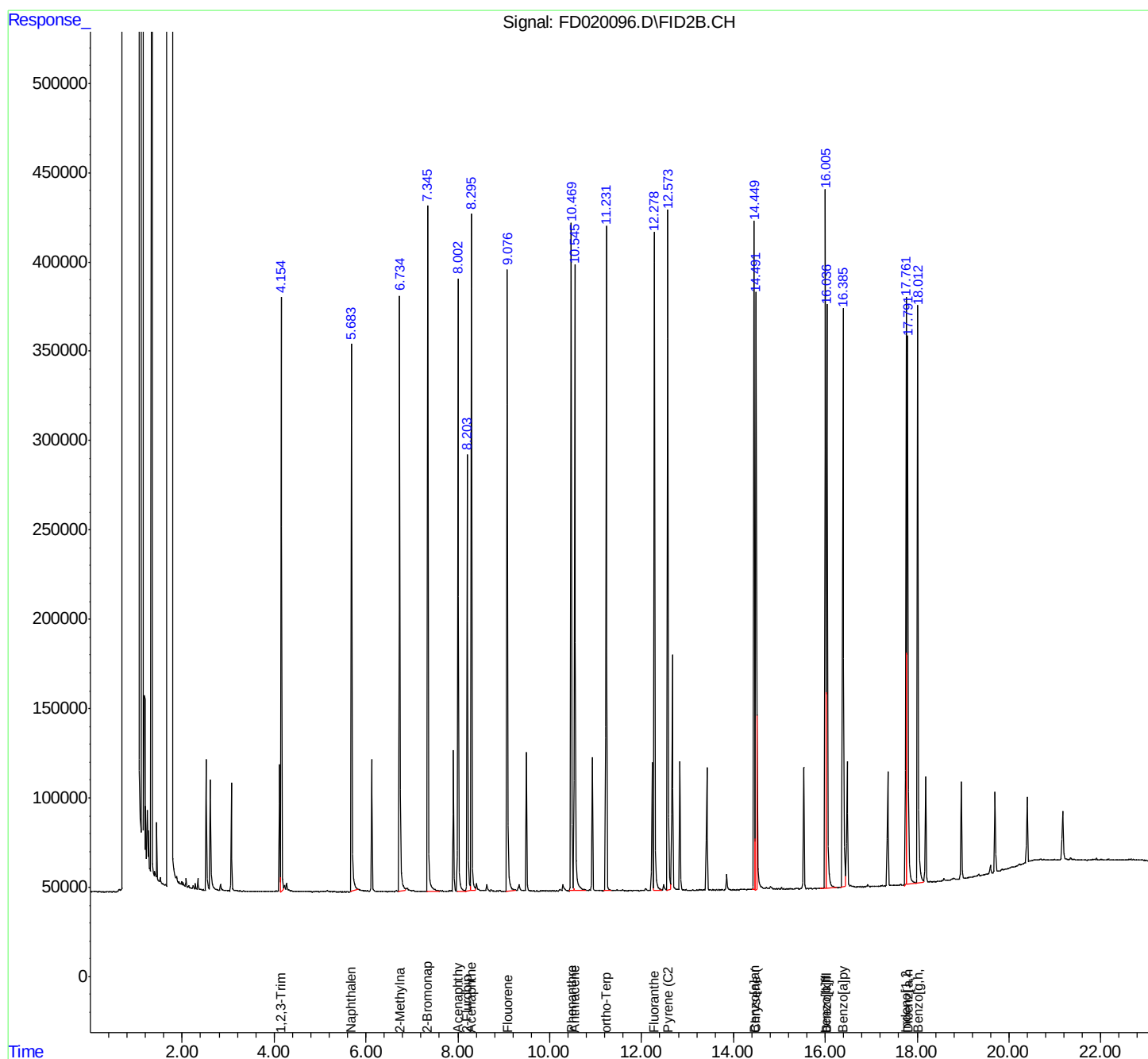
(f)=RT Delta > 1/2 Window

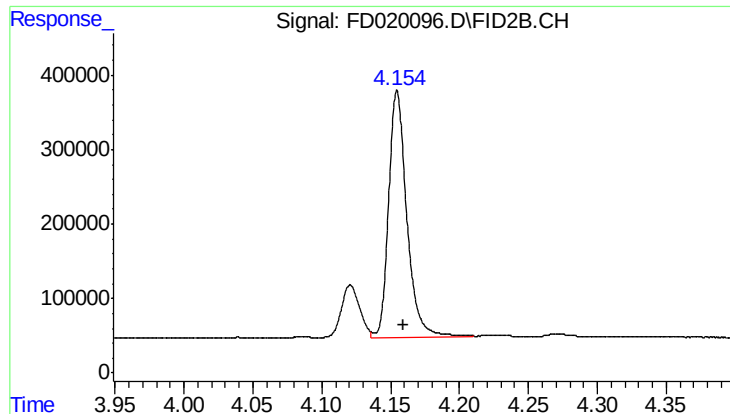
(m)=manual int.

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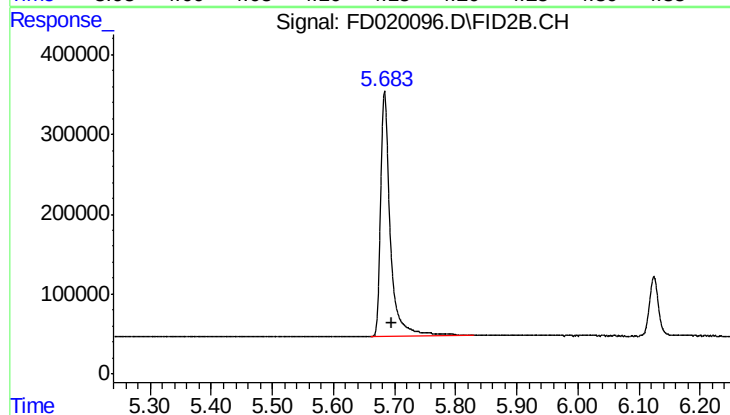
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





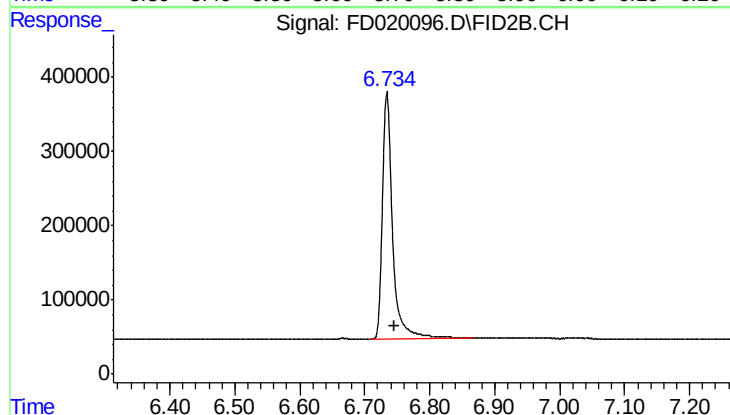
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.154 min
Delta R.T.: -0.005 min
Response: 3055996
Conc: 34.61 ug/ml m



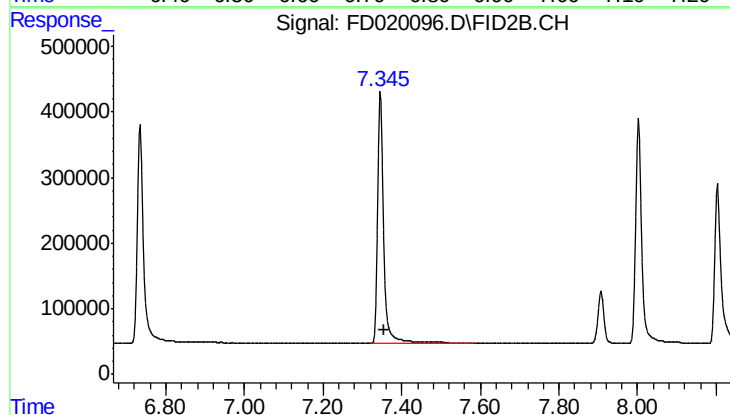
#2 Naphthalene (C11.7)

R.T.: 5.684 min
Delta R.T.: -0.013 min
Response: 3365286
Conc: 37.62 ug/ml



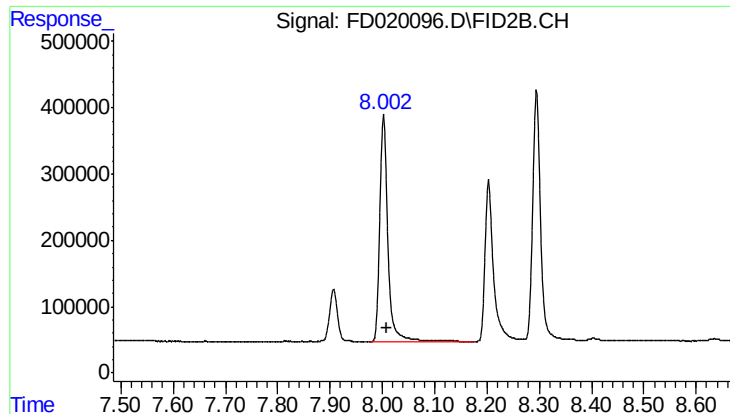
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.734 min
Delta R.T.: -0.011 min
Response: 3643874
Conc: 40.12 ug/ml



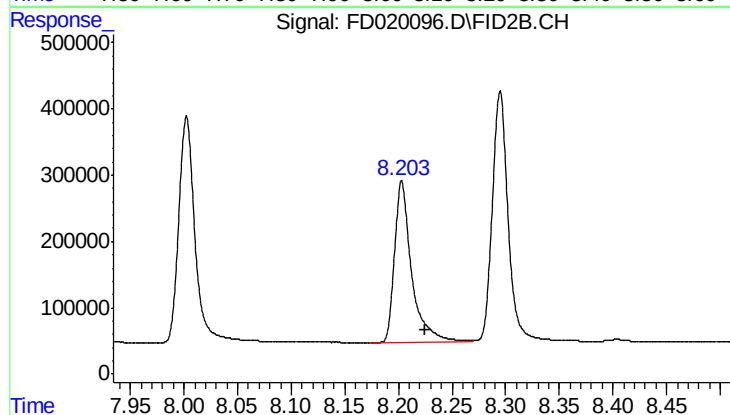
#4 2-Bromonaphthalene (SURR)

R.T.: 7.346 min
Delta R.T.: -0.010 min
Response: 4086414
Conc: 48.78 ug/ml



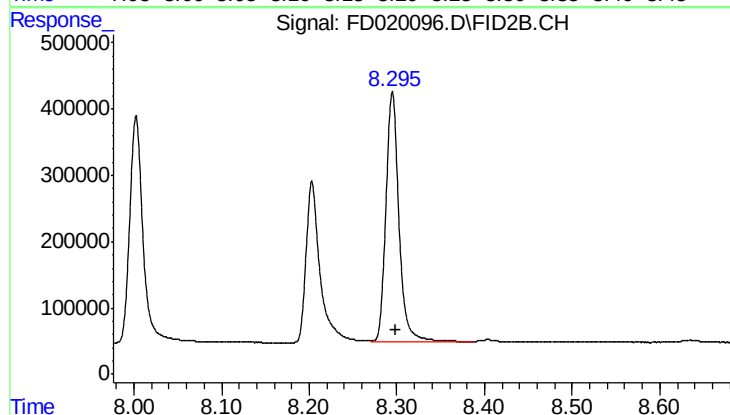
#5 Acenaphthylene (C15.06)

R.T.: 8.002 min
Delta R.T.: -0.006 min
Response: 3632158
Conc: 37.93 ug/ml



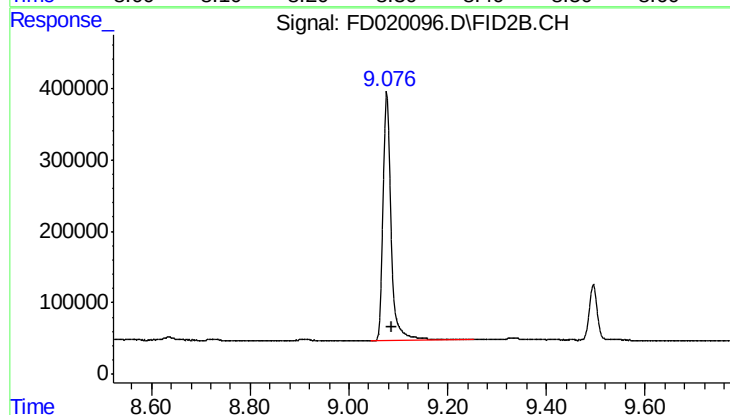
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.203 min
Delta R.T.: -0.021 min
Response: 2709022
Conc: 53.58 ug/ml



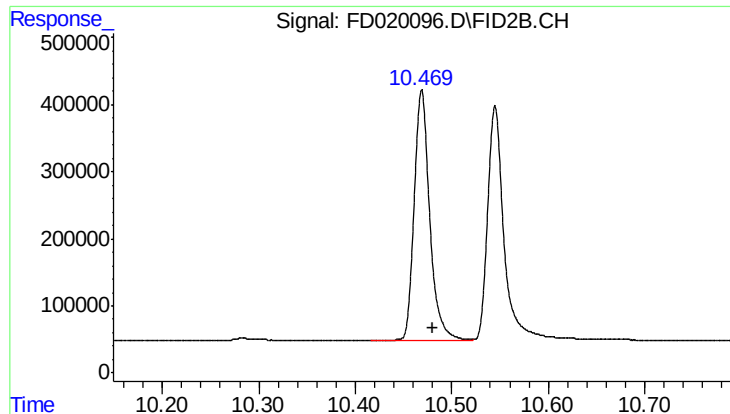
#7 Acenaphthene (C15.5)

R.T.: 8.295 min
Delta R.T.: -0.004 min
Response: 3950088
Conc: 38.56 ug/ml



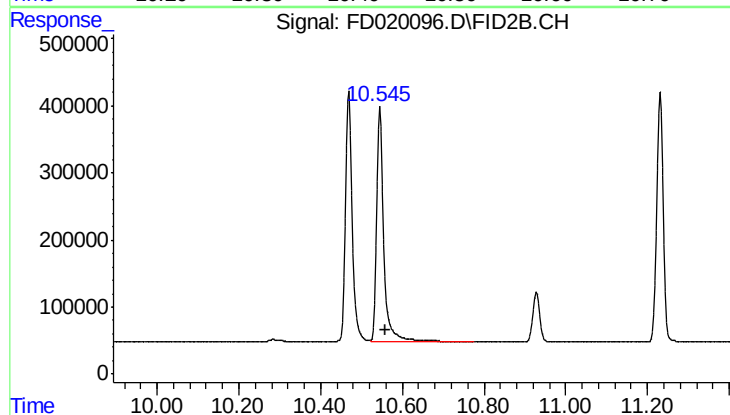
#8 Fluorene (C16.55)

R.T.: 9.077 min
Delta R.T.: -0.010 min
Response: 3918799
Conc: 41.79 ug/ml



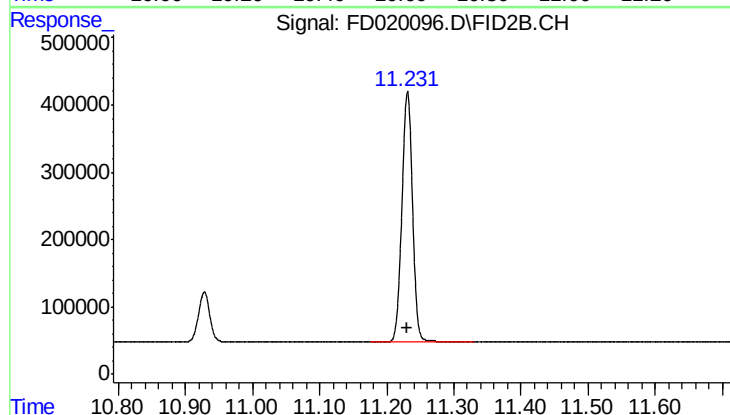
#9 Phenanthrene (C19.36)

R.T.: 10.469 min
Delta R.T.: -0.011 min
Response: 4231981
Conc: 45.42 ug/ml



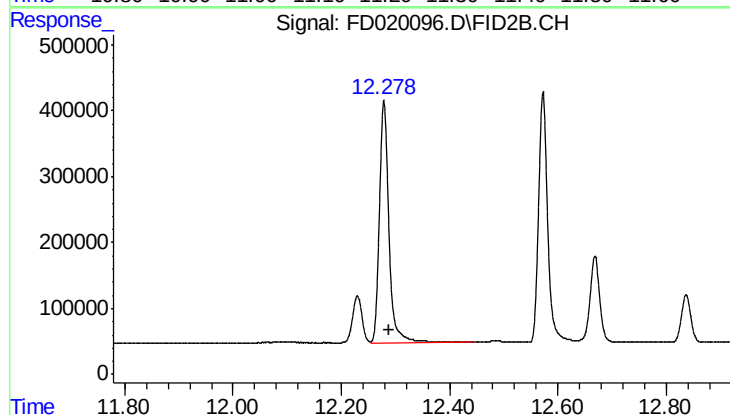
#10 Anthracene (C19.43)

R.T.: 10.545 min
Delta R.T.: -0.014 min
Response: 4257662
Conc: 44.90 ug/ml



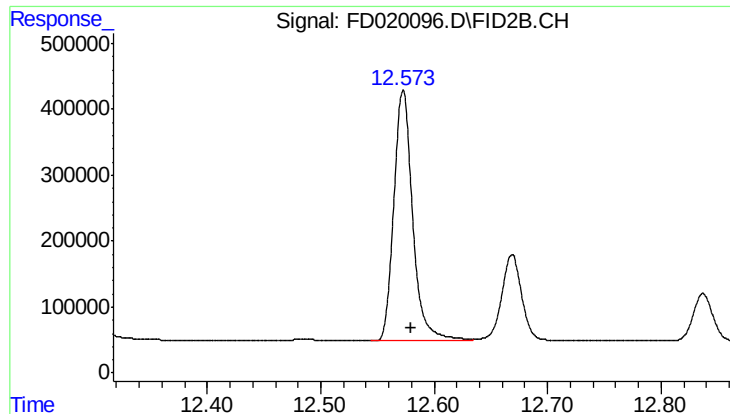
#11 ortho-Terphenyl (SURRE)

R.T.: 11.231 min
Delta R.T.: 0.000 min
Response: 4077162
Conc: 42.96 ug/ml



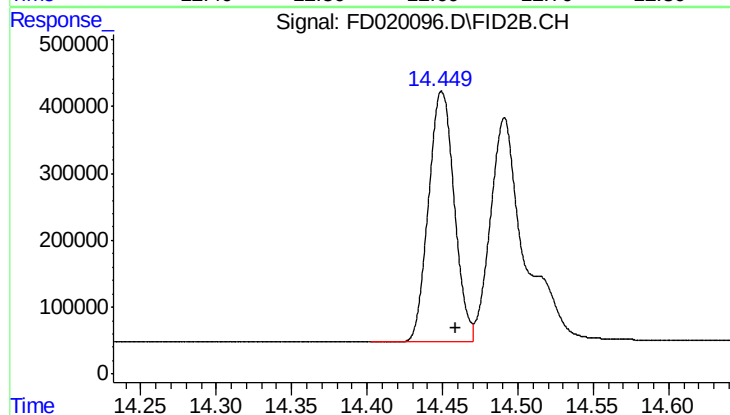
#12 Fluoranthene (C21.85)

R.T.: 12.279 min
Delta R.T.: -0.009 min
Response: 4495056
Conc: 44.81 ug/ml



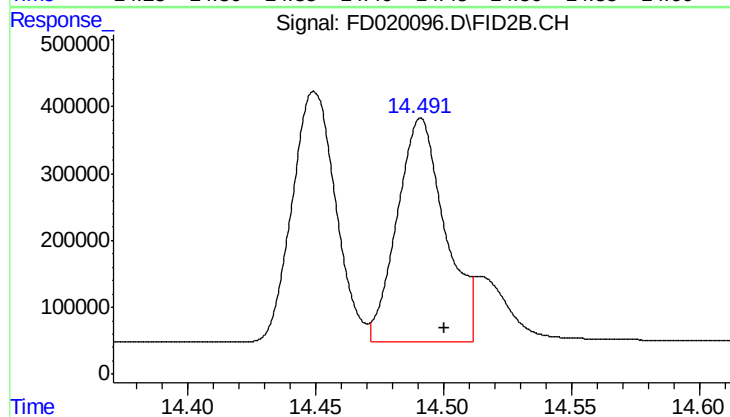
#13 Pyrene (C20.8)

R.T.: 12.573 min
Delta R.T.: -0.007 min
Response: 4428374
Conc: 43.59 ug/ml



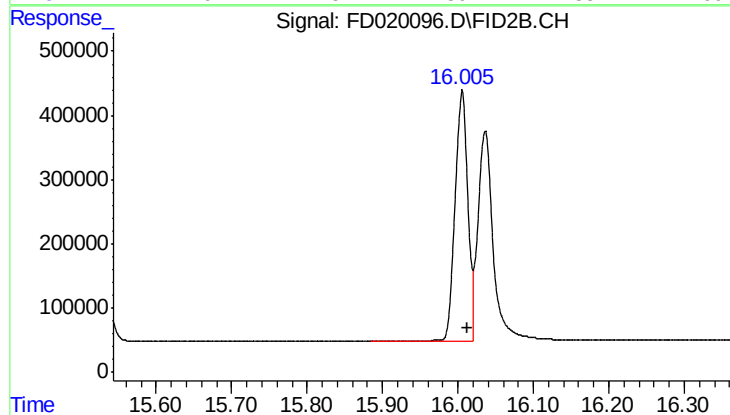
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.450 min
Delta R.T.: -0.010 min
Response: 4434499
Conc: 45.99 ug/ml



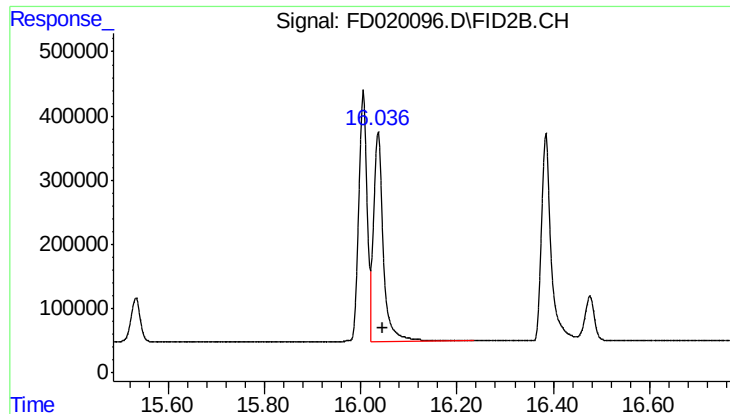
#15 Chrysene (C27.41)

R.T.: 14.491 min
Delta R.T.: -0.010 min
Response: 4370137
Conc: 40.49 ug/ml m



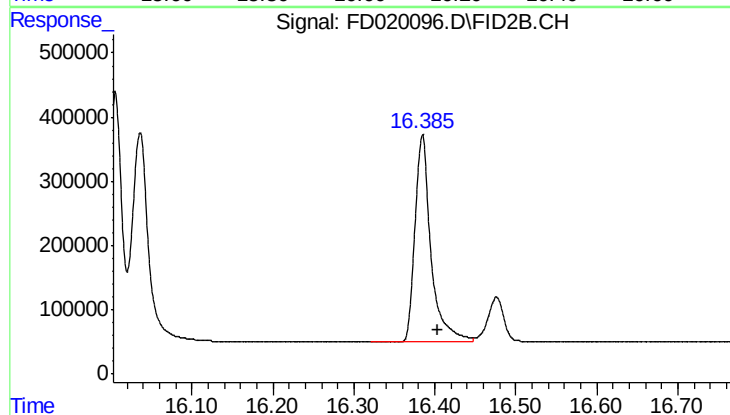
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.006 min
Delta R.T.: -0.007 min
Response: 4540253
Conc: 45.16 ug/ml



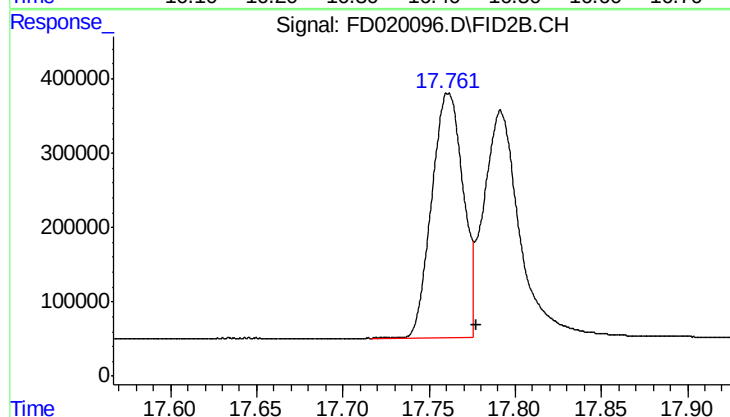
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.036 min
Delta R.T.: -0.009 min
Response: 4632987
Conc: 40.83 ug/ml



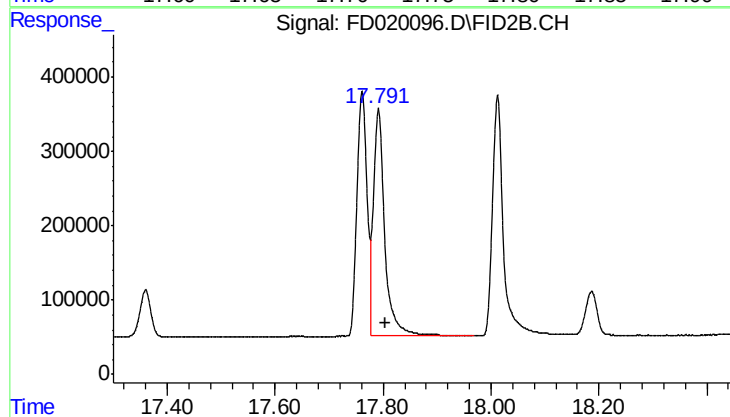
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.385 min
Delta R.T.: -0.020 min
Response: 4423828
Conc: 42.10 ug/ml



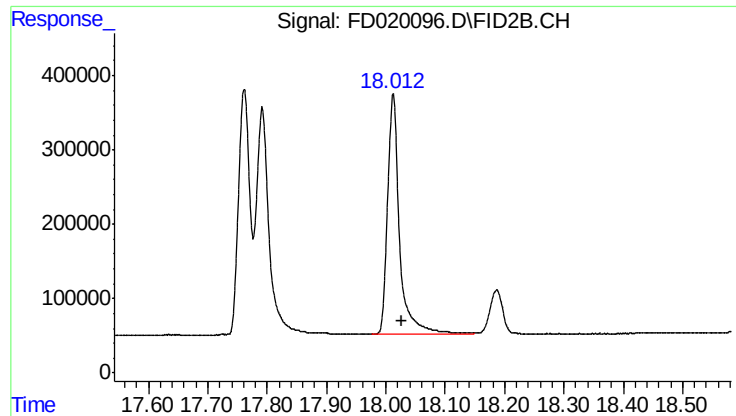
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.761 min
Delta R.T.: -0.016 min
Response: 4189071
Conc: 43.97 ug/ml m



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

R.T.: 17.792 min
Delta R.T.: -0.013 min
Response: 4522049
Conc: 39.79 ug/ml



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

R.T.: 18.013 min
Delta R.T.: -0.015 min
Response: 4520184
Conc: 43.52 ug/ml