

Data Path : P:\HPCHEM1\FID D\Data\FD022018AR\
 Data File : FD020088.D
 Signal(s) : FID2B.CH
 Acq On : 20 Feb 2018 14:58
 Operator : UA/AJ
 Sample : 50 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 21 04:36:15 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 022018.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 21 04:33:17 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	4135434	48.681 ug/ml
Spiked Amount 50.000		Recovery =	97.36%
6) S 2-Fluorobiphenyl (SURR)	8.204	2760150	52.815 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	105.63%
11) S ortho-Terphenyl (SURR)	11.232	4618053	49.386 ug/ml
Spiked Amount 50.000		Recovery =	98.77%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.154	4319842	48.158 ug/ml
2) T Naphthalene (C11.7)	5.685	4560464	50.325 ug/ml
3) T 2-Methylnaphthalene (...)	6.735	4655899	51.030 ug/ml
5) T Acenaphthylene (C15.06)	8.003	4678344	49.104 ug/ml
7) T Acenaphthene (C15.5)	8.296	4839090	47.712 ug/ml
8) T Fluorene (C16.55)	9.078	4700369	49.857 ug/ml
9) T Phenanthrene (C19.36)	10.471	4771064	51.003 ug/ml
10) T Anthracene (C19.43)	10.547	4760949	49.945 ug/ml
12) T Fluoranthene (C21.85)	12.279	5024795	49.992 ug/ml
13) T Pyrene (C20.8)	12.574	5038653	50.185 ug/ml
14) T Benzo[<i>a</i>]anthracene (C...	14.451	5087116	51.838 ug/ml
15) T Chrysene (C27.41)	14.492	5146077	48.347 ug/ml
16) T benzo[<i>b</i>]fluoranthene ...	16.008	5255119	51.760 ug/ml
17) T Benzo[<i>k</i>]fluoranthene ...	16.040	5405084	48.194 ug/ml
18) T Benzo[<i>a</i>]pyrene (C31.34)	16.387	5248423	50.451 ug/ml
19) T Indeno[1,2,3- <i>cd</i>]pyren...	17.764	5020977	53.619 ug/ml
20) T Dibenzo[<i>a,h</i>]anthracene...	17.795	5378569	47.158 ug/ml
21) T Benzo[<i>a,h,i</i>]pervlene ...	18.016	5251983	50.853 ug/ml

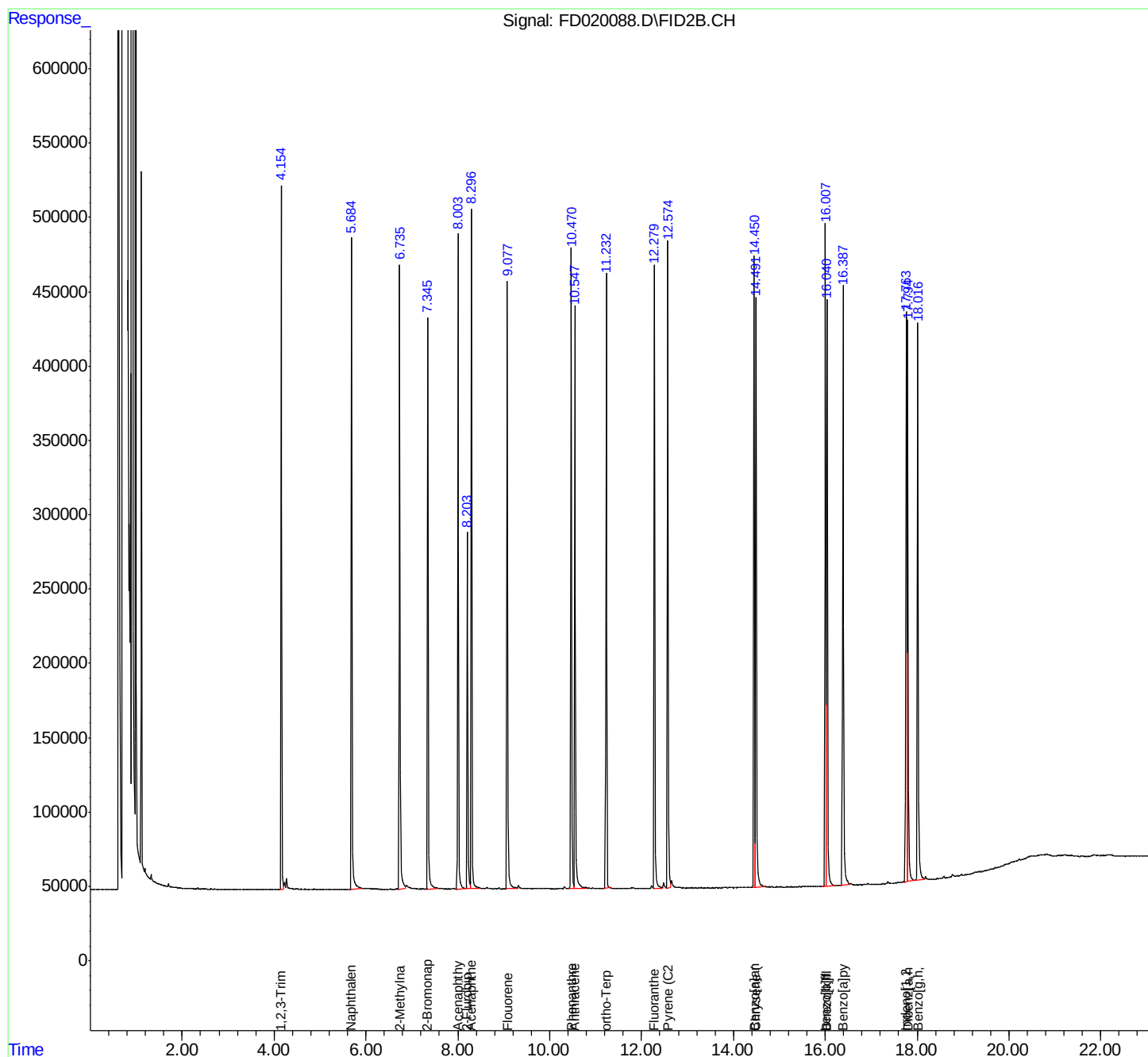
(f)=RT Delta > 1/2 Window

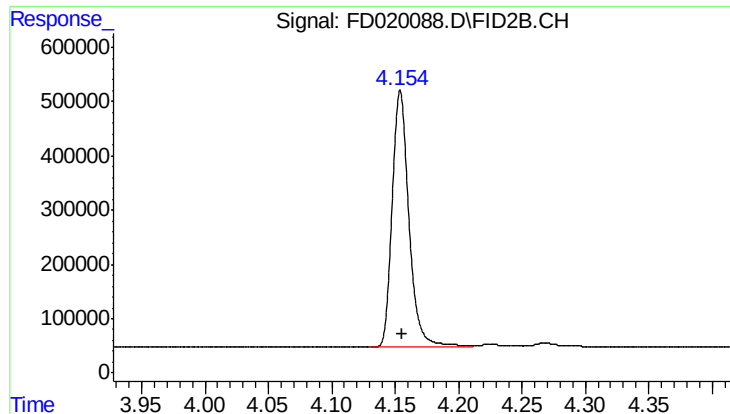
(m)=manual int.

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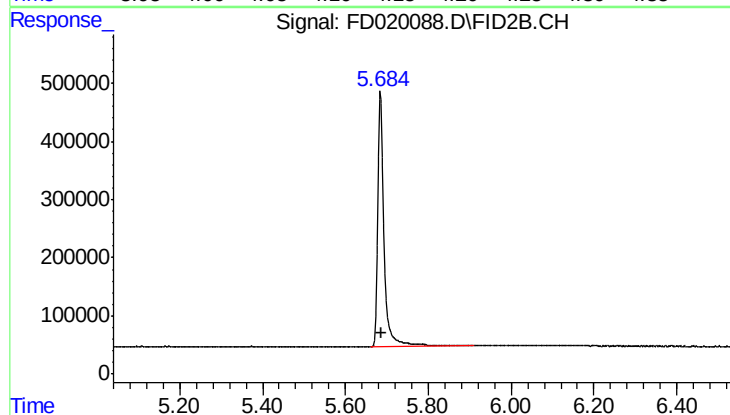
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





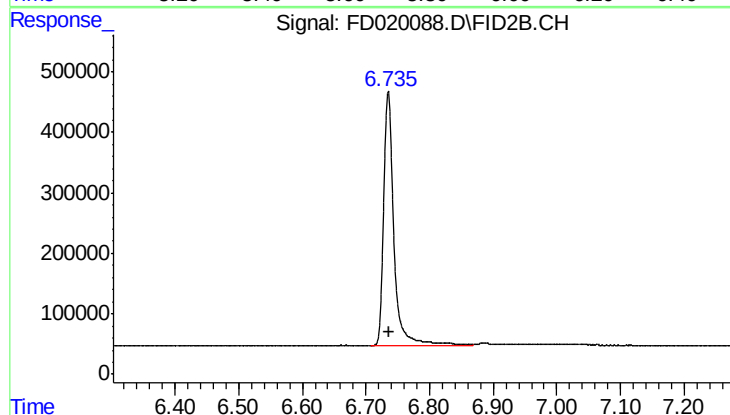
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.154 min
Delta R.T.: -0.002 min
Response: 4319842
Conc: 48.16 ug/ml



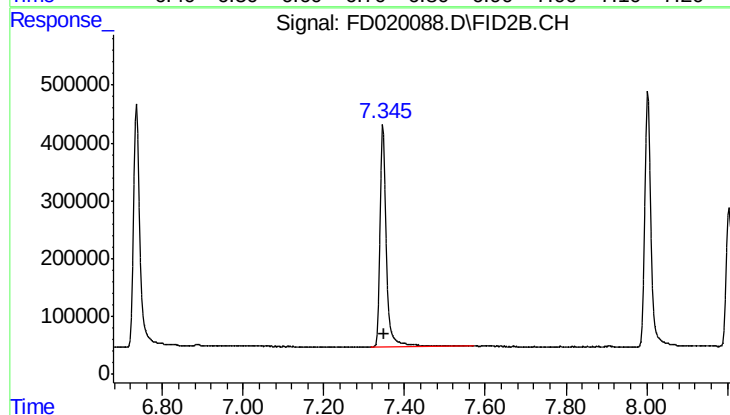
#2 Naphthalene (C11.7)

R.T.: 5.685 min
Delta R.T.: -0.002 min
Response: 4560464
Conc: 50.33 ug/ml



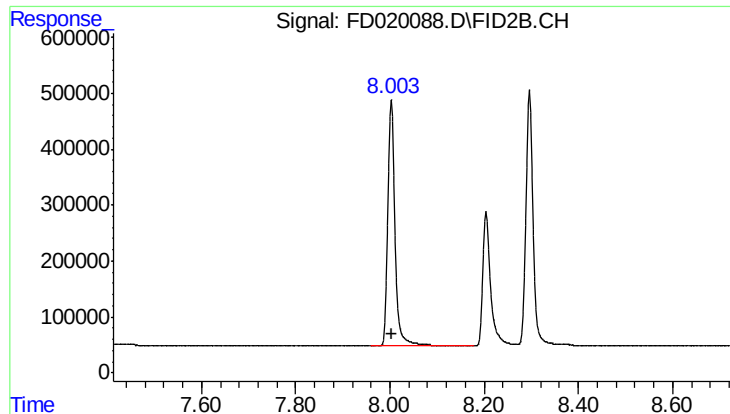
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.735 min
Delta R.T.: -0.002 min
Response: 4655899
Conc: 51.03 ug/ml



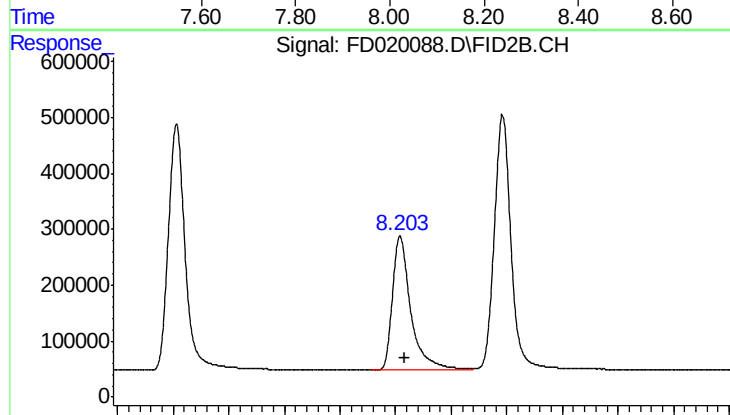
#4 2-Bromonaphthalene (SURR)

R.T.: 7.346 min
Delta R.T.: -0.002 min
Response: 4135434
Conc: 48.68 ug/ml



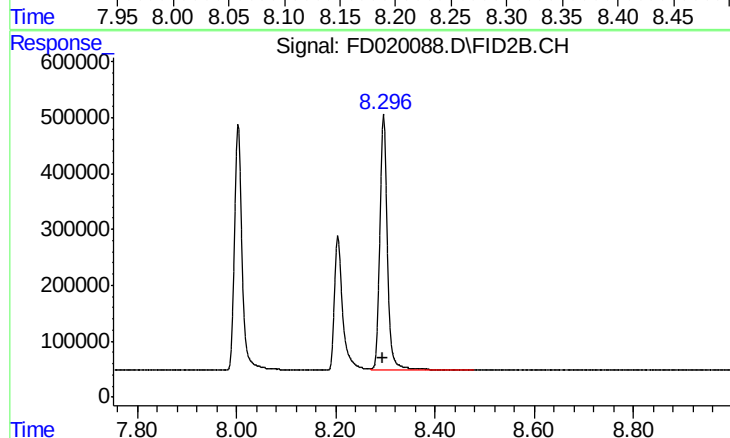
#5 Acenaphthylene (C15.06)

R.T.: 8.003 min
Delta R.T.: 0.000 min
Response: 4678344
Conc: 49.10 ug/ml



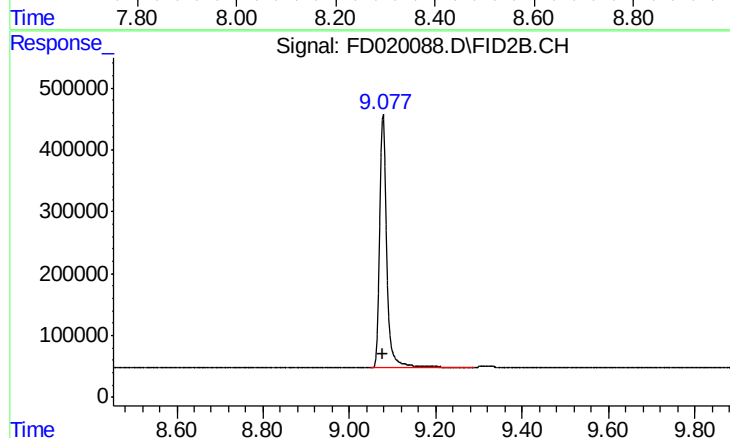
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.204 min
Delta R.T.: -0.004 min
Response: 2760150
Conc: 52.82 ug/ml



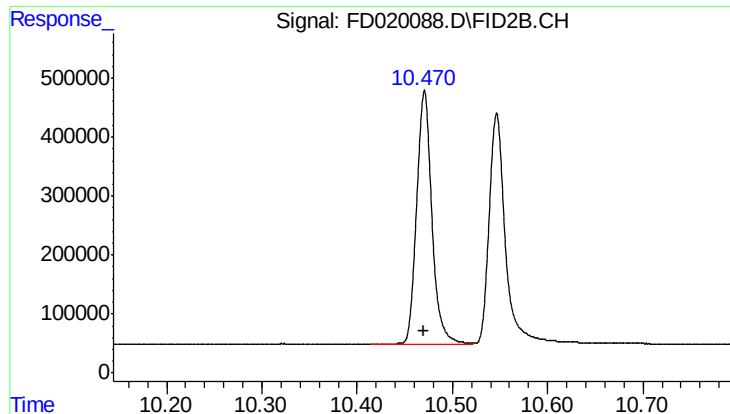
#7 Acenaphthene (C15.5)

R.T.: 8.296 min
Delta R.T.: 0.000 min
Response: 4839090
Conc: 47.71 ug/ml



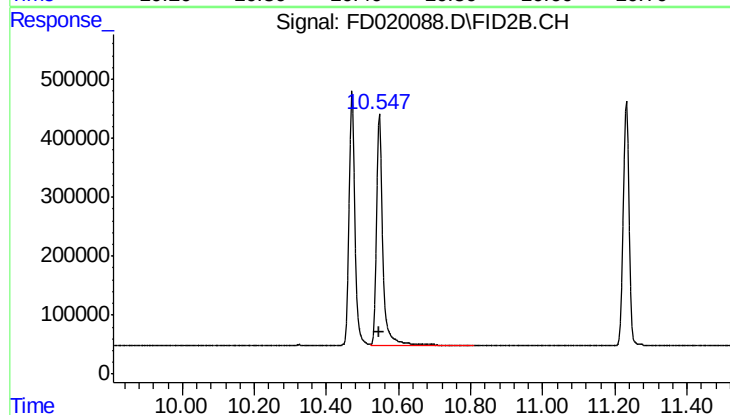
#8 Fluorene (C16.55)

R.T.: 9.078 min
Delta R.T.: 0.000 min
Response: 4700369
Conc: 49.86 ug/ml



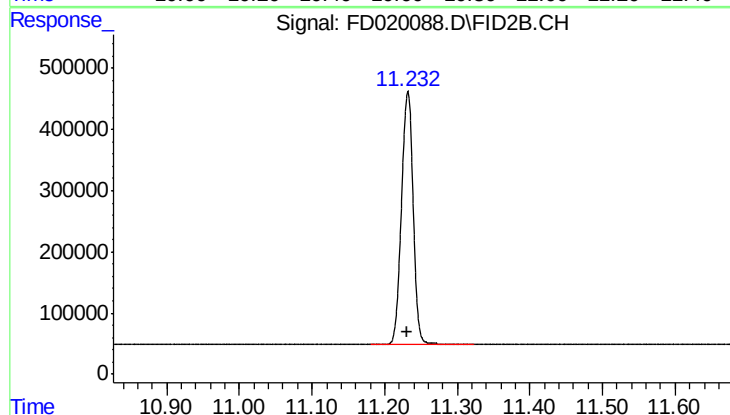
#9 Phenanthrene (C19.36)

R.T.: 10.471 min
Delta R.T.: 0.000 min
Response: 4771064
Conc: 51.00 ug/ml



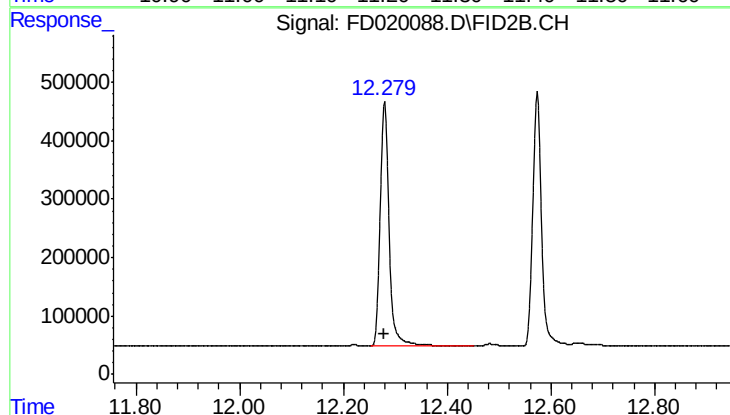
#10 Anthracene (C19.43)

R.T.: 10.547 min
Delta R.T.: 0.000 min
Response: 4760949
Conc: 49.94 ug/ml



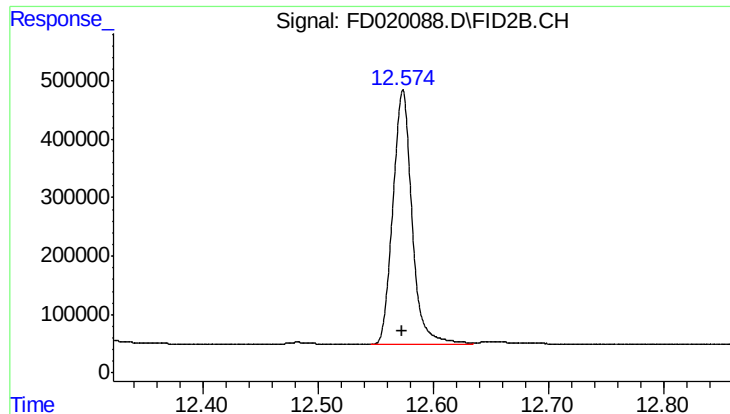
#11 ortho-Terphenyl (SURRE)

R.T.: 11.232 min
Delta R.T.: 0.002 min
Response: 4618053
Conc: 49.39 ug/ml



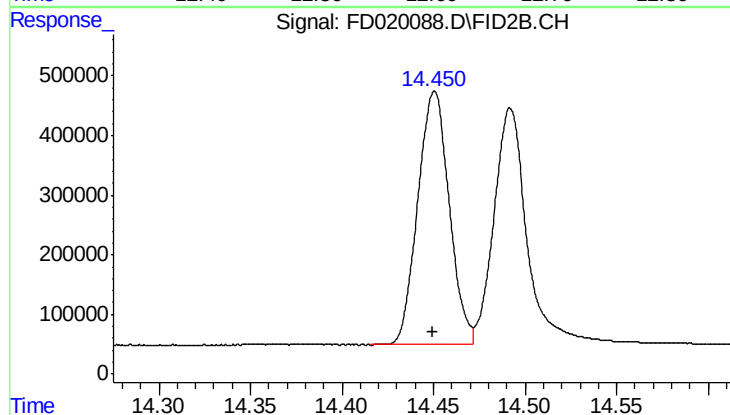
#12 Fluoranthene (C21.85)

R.T.: 12.279 min
Delta R.T.: 0.000 min
Response: 5024795
Conc: 49.99 ug/ml



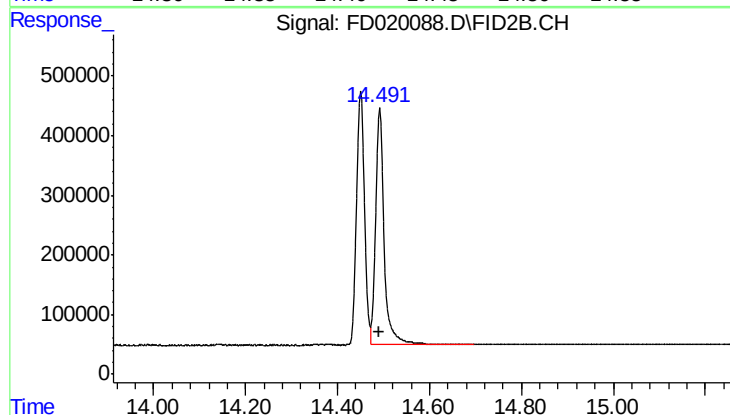
#13 Pyrene (C20.8)

R.T.: 12.574 min
Delta R.T.: 0.001 min
Response: 5038653
Conc: 50.18 ug/ml



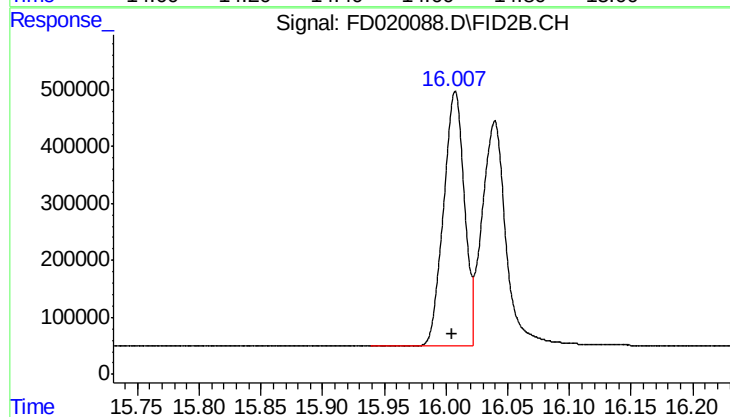
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.451 min
Delta R.T.: 0.001 min
Response: 5087116
Conc: 51.84 ug/ml



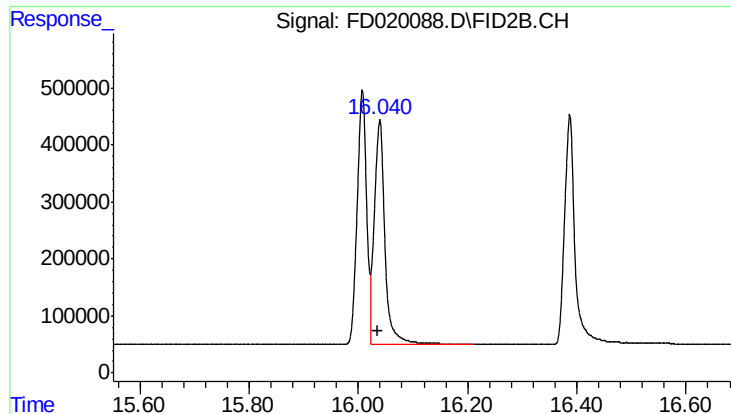
#15 Chrysene (C27.41)

R.T.: 14.492 min
Delta R.T.: 0.000 min
Response: 5146077
Conc: 48.35 ug/ml



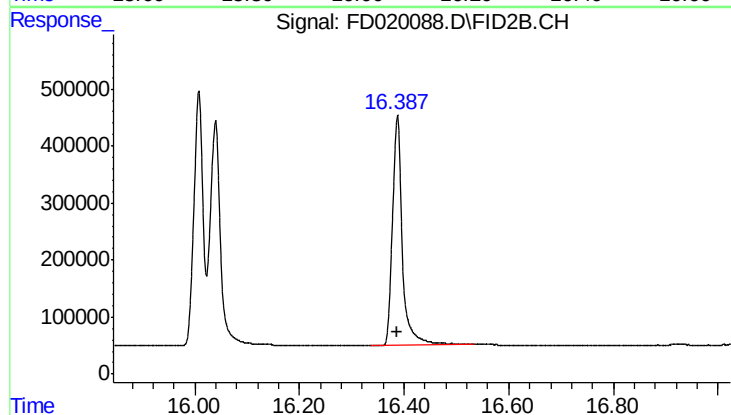
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.008 min
Delta R.T.: 0.003 min
Response: 5255119
Conc: 51.76 ug/ml



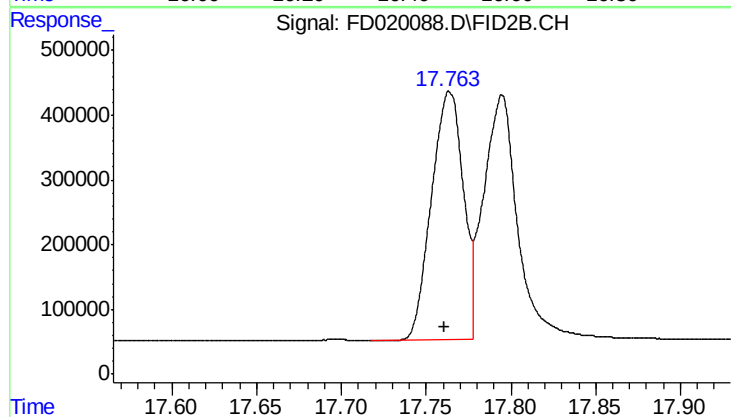
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.040 min
Delta R.T.: 0.005 min
Response: 5405084
Conc: 48.19 ug/ml



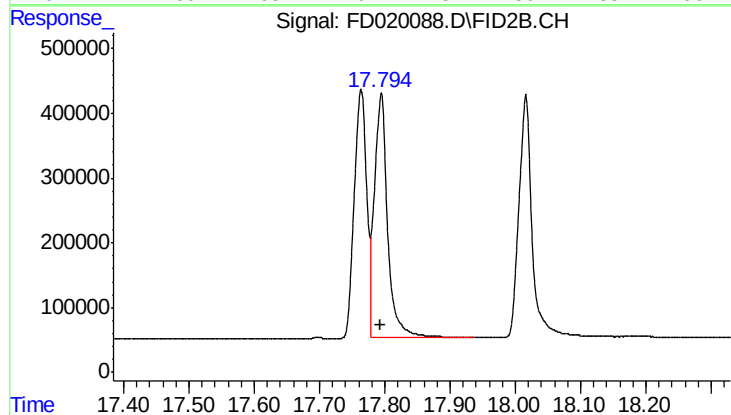
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.387 min
Delta R.T.: 0.001 min
Response: 5248423
Conc: 50.45 ug/ml



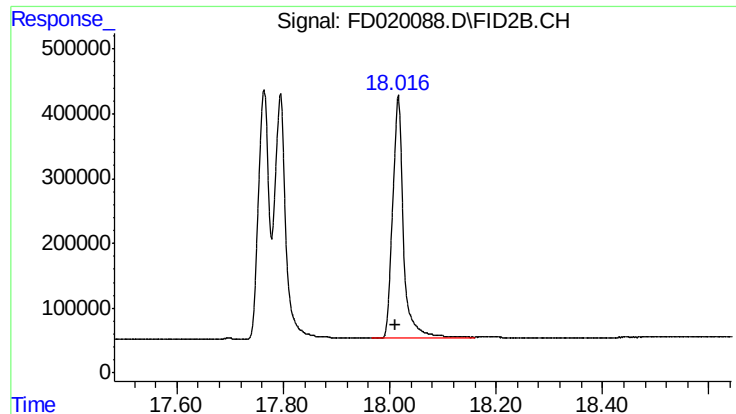
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.764 min
Delta R.T.: 0.004 min
Response: 5020977
Conc: 53.62 ug/ml



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

R.T.: 17.795 min
Delta R.T.: 0.003 min
Response: 5378569
Conc: 47.16 ug/ml



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

R.T.: 18.016 min
Delta R.T.: 0.006 min
Response: 5251983
Conc: 50.85 ug/ml