

Data Path : P:\HPCHEM1\FID_D\Data\FD051418AR\
 Data File : FD023657.D
 Signal(s) : FID2B.CH
 Acq On : 14 May 2018 23:43
 Operator : UA/AJ
 Sample : 5 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 15 07:47:44 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 051418.M
 Quant Title : GC Extractables
 QLast Update : Tue May 15 07:46:40 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...	7.614	528920	5.465 ug/ml
Spiked Amount 50.000		Recovery =	10.93%
6) S 2-Fluorobiphenyl (SURR)	8.474	379499	5.503 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	11.01%
11) S ortho-Terphenyl (SURR)	11.526	622233	5.449 ug/mlm
Spiked Amount 50.000		Recovery =	10.90%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.401	557653	5.452 ug/mlm
2) T Naphthalene (C11.7)	5.947	597830	5.471 ug/ml
3) T 2-Methylnaphthalene (...)	7.001	593590	5.470 ug/ml
5) T Acenaphthylene (C15.06)	8.277	579620	5.455 ug/ml
7) T Acenaphthene (C15.5)	8.573	608981	5.465 ug/ml
8) T Flouorene (C16.55)	9.355	616758	5.462 ug/mlm
9) T Phenanthrene (C19.36)	10.753	640717	5.440 ug/mlm
10) T Anthracene (C19.43)	10.827	640888	5.451 ug/ml
12) T Fluoranthene (C21.85)	12.567	665863	5.434 ug/ml
13) T Pyrene (C20.8)	12.862	668773	5.430 ug/ml
14) T Benzo[a]anthracene (C...	14.735	645977	5.397 ug/mlm
15) T Chrysene (C27.41)	14.778	663359	5.467 ug/ml
16) T benzo[b]fluoranthene ...	16.288	636944	5.323 ug/ml
17) T Bnezo[k]fluoranthene ...	16.319	651051	5.390 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.665	621701	5.326 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	18.029	492517	5.395 ug/ml
20) T Dibenz[a,h]anthracene...	18.071	598790	5.550 ug/ml
21) T Benzo[g,h,i]perylene ...	18.283	526969	5.566 ug/ml

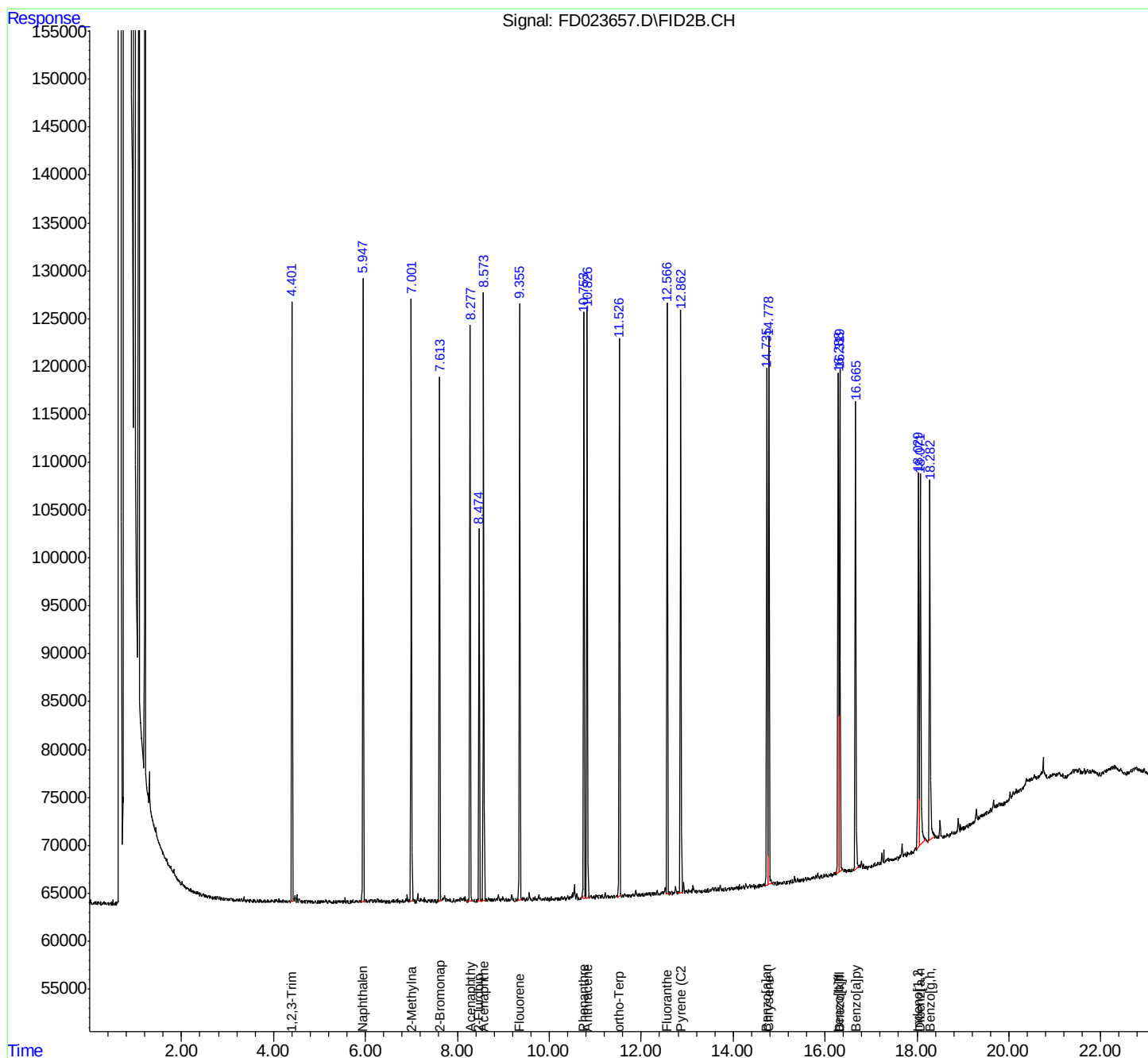
(f)=RT Delta > 1/2 Window

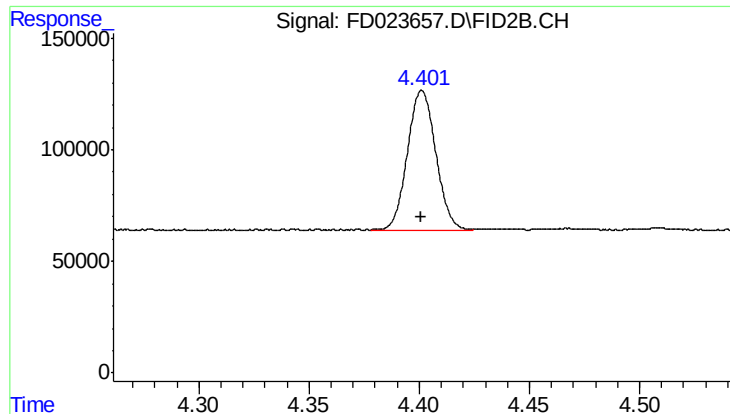
(m)=manual int.

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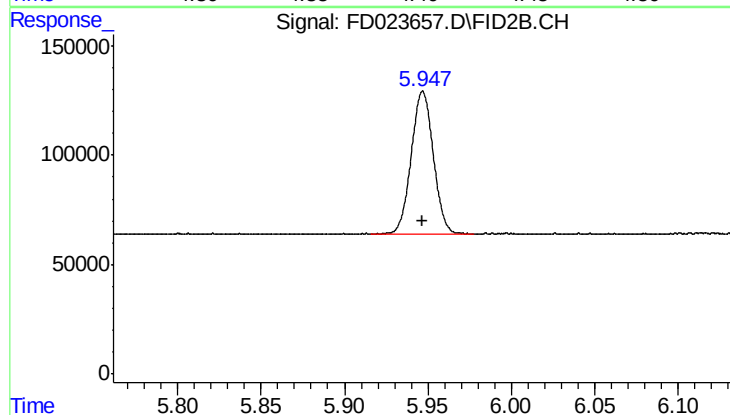
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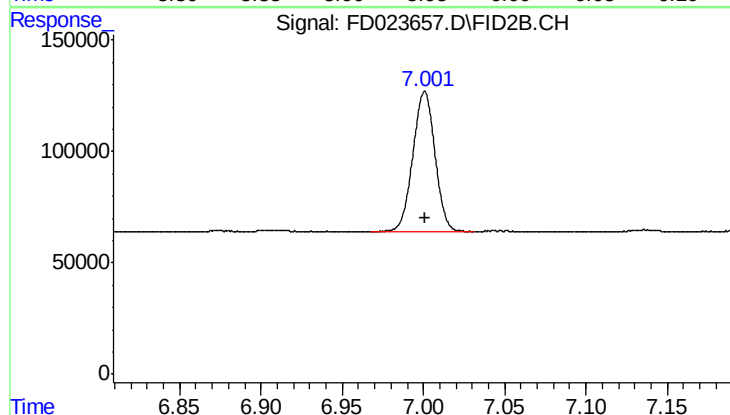
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.401 min
Delta R.T.: 0.000 min
Response: 557653
Conc: 5.45 ug/ml m



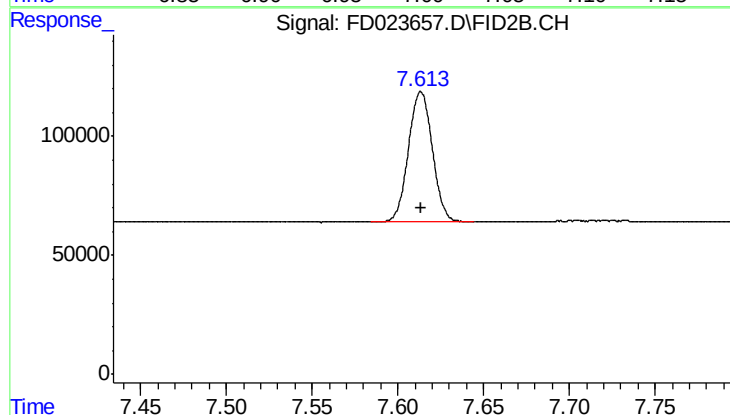
#2 Naphthalene (C11.7)

R.T.: 5.947 min
Delta R.T.: 0.000 min
Response: 597830
Conc: 5.47 ug/ml



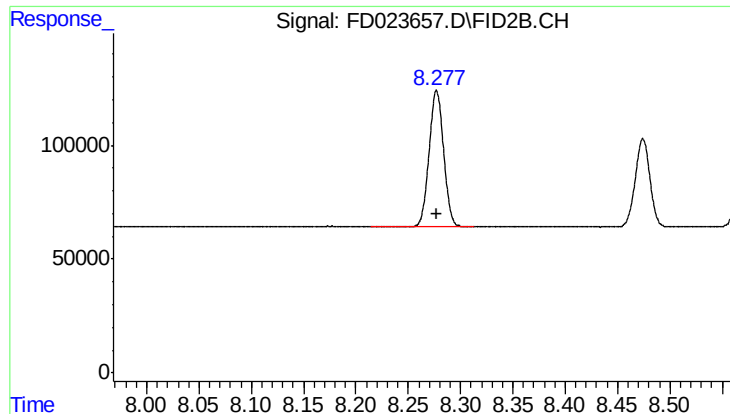
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.001 min
Delta R.T.: 0.000 min
Response: 593590
Conc: 5.47 ug/ml



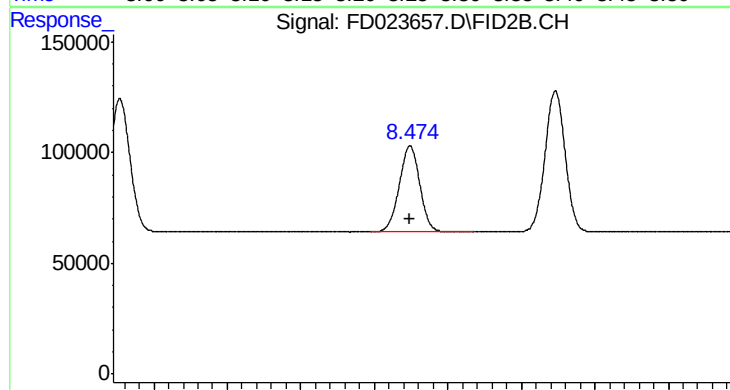
#4 2-Bromonaphthalene (SURR)

R.T.: 7.614 min
Delta R.T.: 0.000 min
Response: 528920
Conc: 5.46 ug/ml



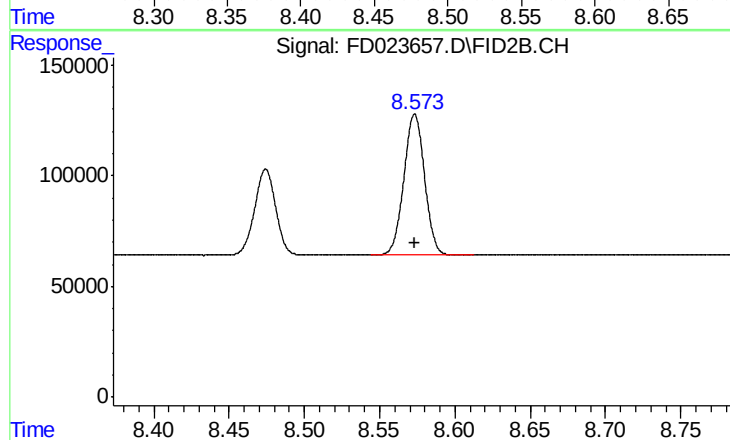
#5 Acenaphthylene (C15.06)

R.T.: 8.277 min
Delta R.T.: 0.000 min
Response: 579620
Conc: 5.46 ug/ml



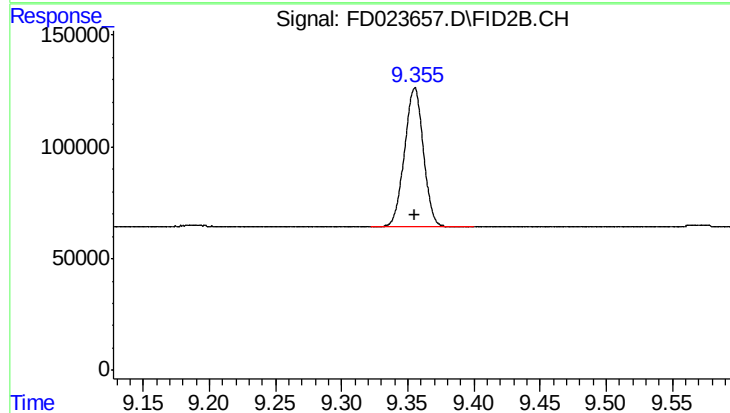
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.474 min
Delta R.T.: 0.000 min
Response: 379499
Conc: 5.50 ug/ml



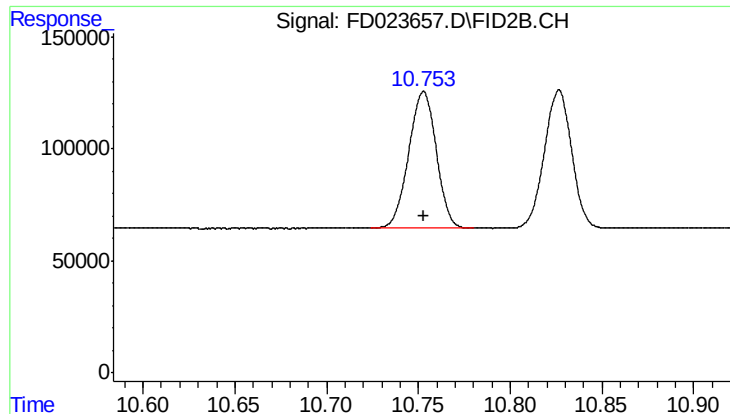
#7 Acenaphthene (C15.5)

R.T.: 8.573 min
Delta R.T.: 0.000 min
Response: 608981
Conc: 5.47 ug/ml



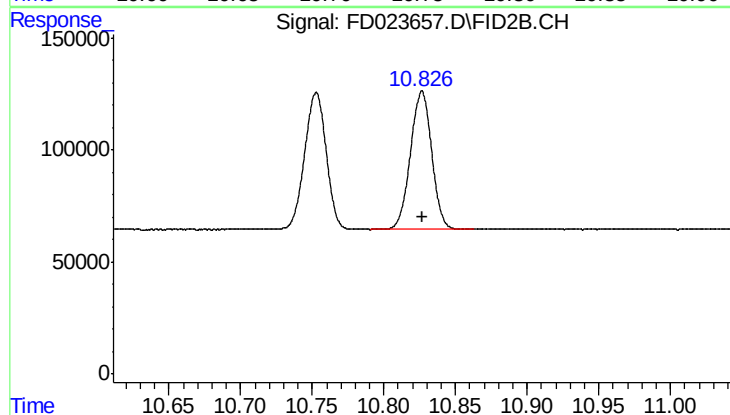
#8 Fluorene (C16.55)

R.T.: 9.355 min
Delta R.T.: 0.000 min
Response: 616758
Conc: 5.46 ug/ml m



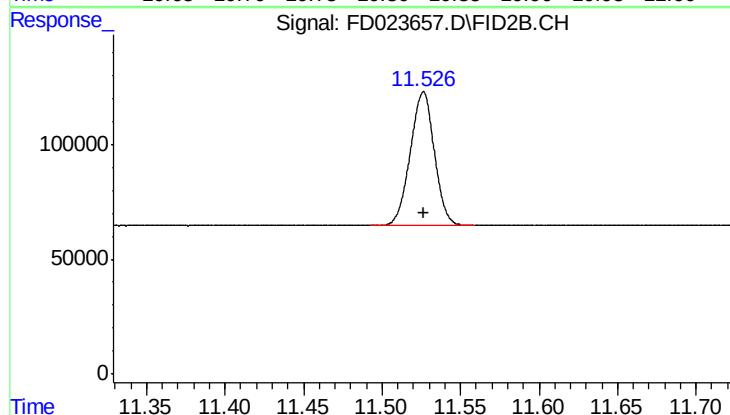
#9 Phenanthrene (C19.36)

R.T.: 10.753 min
Delta R.T.: 0.000 min
Response: 640717
Conc: 5.44 ug/ml m



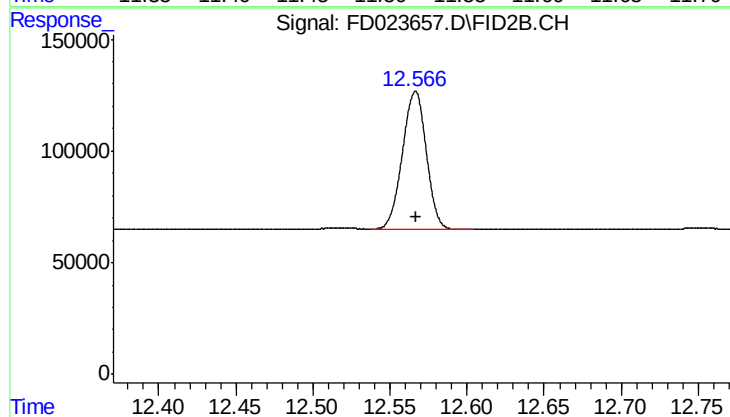
#10 Anthracene (C19.43)

R.T.: 10.827 min
Delta R.T.: 0.000 min
Response: 640888
Conc: 5.45 ug/ml



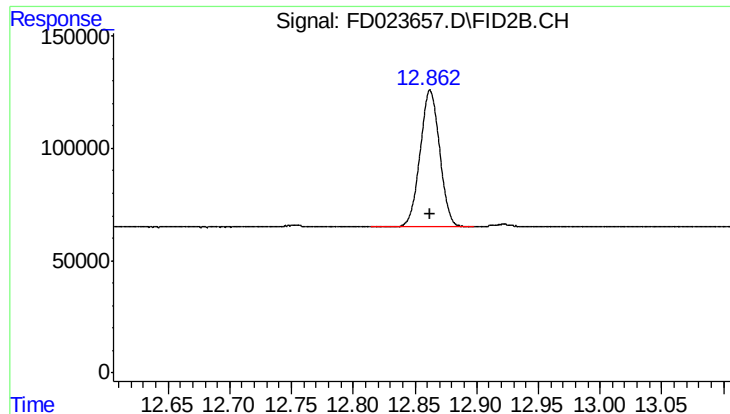
#11 ortho-Terphenyl (SURR)

R.T.: 11.526 min
Delta R.T.: 0.000 min
Response: 622233
Conc: 5.45 ug/ml m



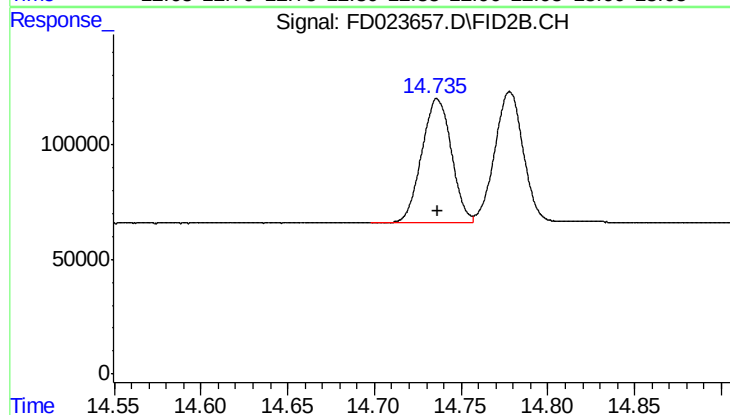
#12 Fluoranthene (C21.85)

R.T.: 12.567 min
Delta R.T.: 0.000 min
Response: 665863
Conc: 5.43 ug/ml



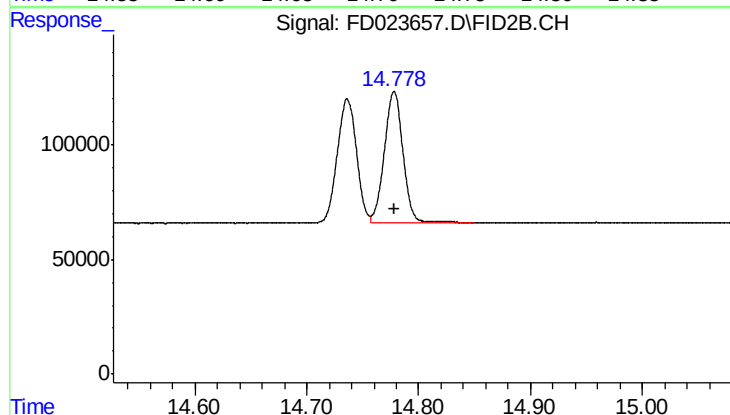
#13 Pyrene (C20.8)

R.T.: 12.862 min
Delta R.T.: 0.000 min
Response: 668773
Conc: 5.43 ug/ml



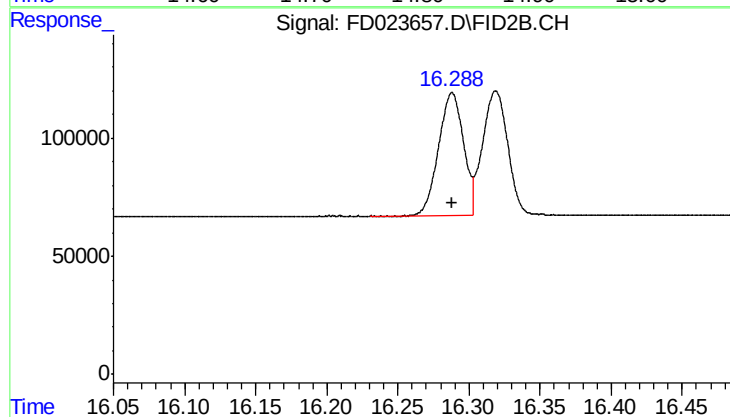
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.735 min
Delta R.T.: -0.001 min
Response: 645977
Conc: 5.40 ug/ml m



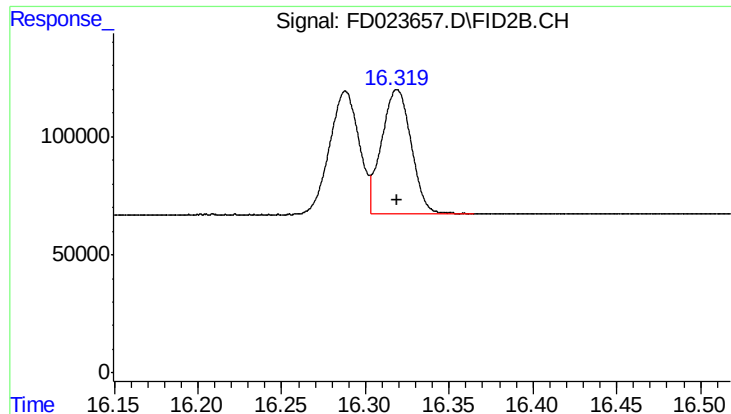
#15 Chrysene (C27.41)

R.T.: 14.778 min
Delta R.T.: 0.000 min
Response: 663359
Conc: 5.47 ug/ml



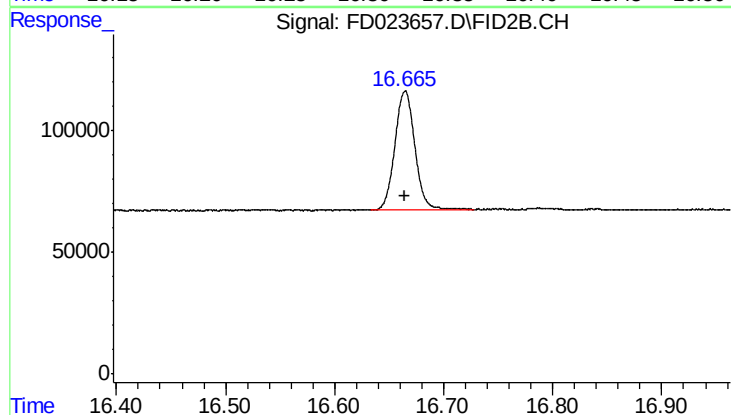
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.288 min
Delta R.T.: 0.000 min
Response: 636944
Conc: 5.32 ug/ml



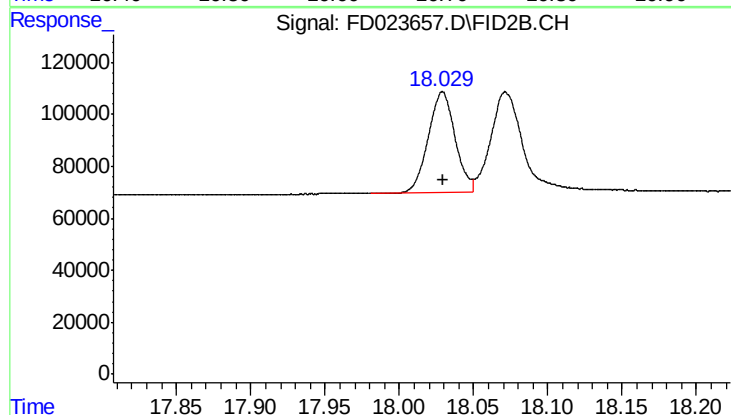
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.319 min
Delta R.T.: 0.000 min
Response: 651051
Conc: 5.39 ug/ml



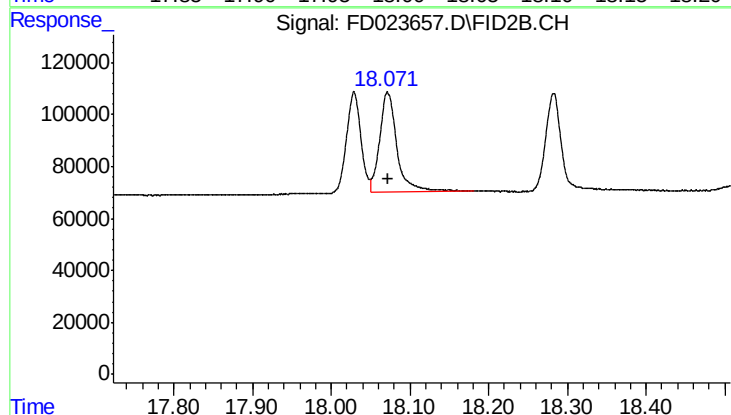
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.665 min
Delta R.T.: 0.000 min
Response: 621701
Conc: 5.33 ug/ml m



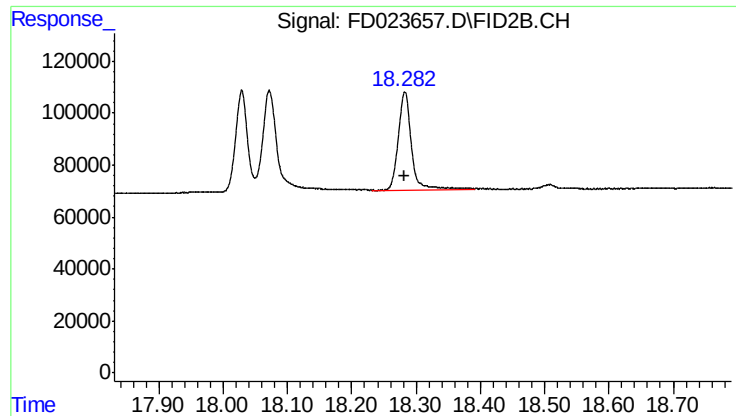
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.029 min
Delta R.T.: 0.000 min
Response: 492517
Conc: 5.40 ug/ml



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

R.T.: 18.071 min
Delta R.T.: 0.000 min
Response: 598790
Conc: 5.55 ug/ml



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

R.T.: 18.283 min
Delta R.T.: 0.000 min
Response: 526969
Conc: 5.57 ug/ml