

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112223AR\
 Data File : FD046962.D
 Signal(s) : FID2B.ch
 Acq On : 23 Nov 2023 00:58
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 23 02:48:38 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102723.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 02:49:53 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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...	7.477	3631361	19.912 ug/ml
Spiked Amount 50.000		Recovery =	39.82%
6) S 2-Fluorobiphenyl (SURR)	8.330	2410733	20.485 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.97%
11) S ortho-Terphenyl (SURR)	11.368	4380183	20.685 ug/ml
Spiked Amount 50.000		Recovery =	41.37%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.290	3704024	19.179 ug/ml
2) T Naphthalene (C11.7)	5.816	3920750	19.580 ug/ml
3) T 2-Methylnaphthalene (...)	6.865	3996380	19.884 ug/ml
5) T Acenaphthylene (C15.06)	8.133	3717237	20.210 ug/ml
7) T Acenaphthene (C15.5)	8.429	3936409	20.095 ug/ml
8) T Fluorene (C16.55)	9.207	3848370	20.806 ug/ml
9) T Phenanthrene (C19.36)	10.596	3745522	21.053 ug/ml
10) T Anthracene (C19.43)	10.671	3559615	20.888 ug/ml
12) T Fluoranthene (C21.85)	12.399	3685224	21.338 ug/ml
13) T Pyrene (C20.8)	12.693	3591572	21.600 ug/ml
14) T Benzo[a]anthracene (C...	14.557	3036300	21.581 ug/ml
15) T Chrysene (C27.41)	14.599	3211318	20.591 ug/ml
16) T benzo[b]fluoranthene ...	16.098	3105201	21.696 ug/ml
17) T Bnezo[k]fluoranthene ...	16.131	3165985	21.625 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.474	3005621	21.443 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.831	2763889	21.879 ug/ml
20) T Dibenz[a,h]anthracene...	17.872	2996377	21.448 ug/ml
21) T Benzo[g,h,i]perylene ...	18.082	2941399	21.066 ug/ml

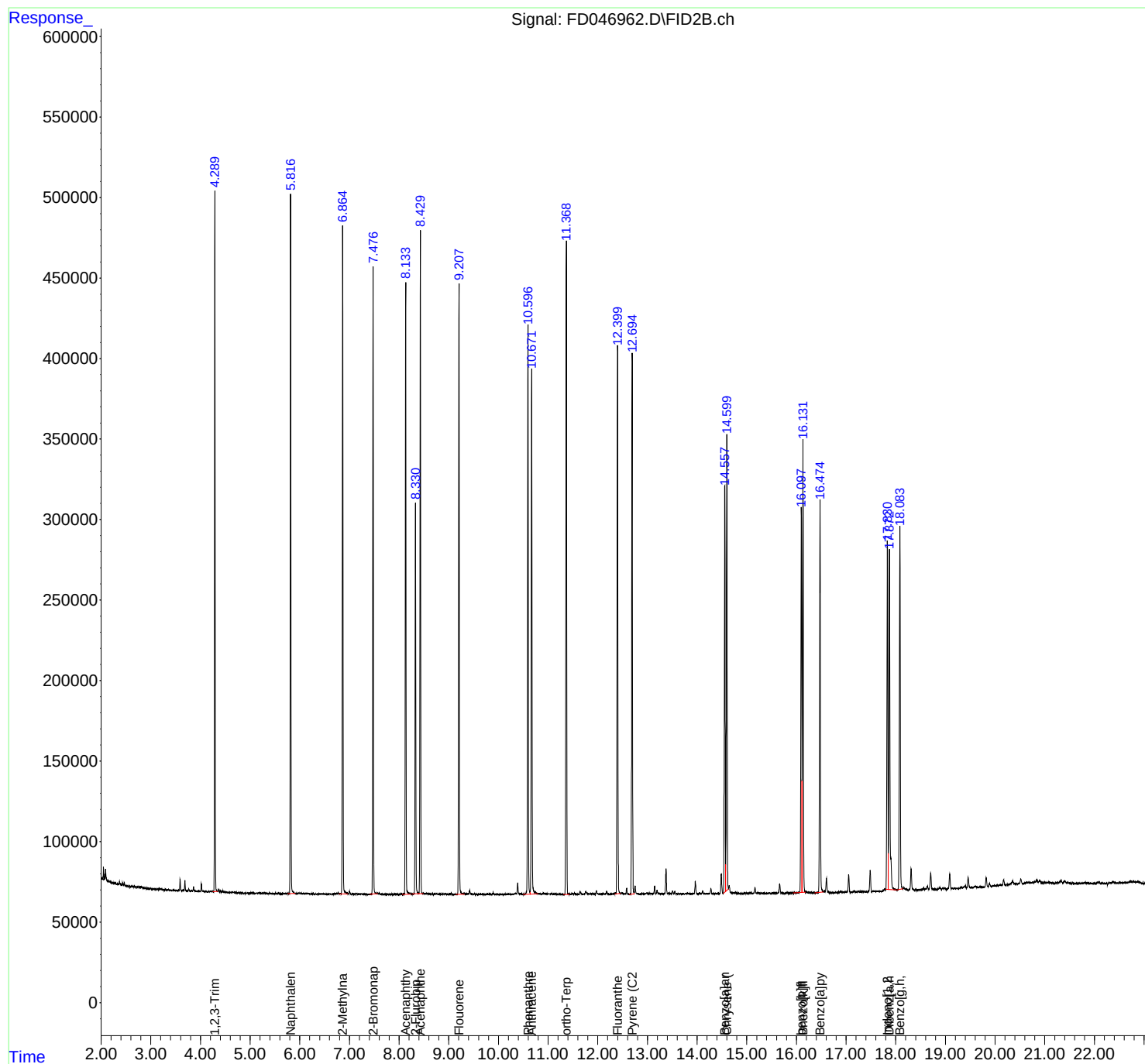
(f)=RT Delta > 1/2 Window

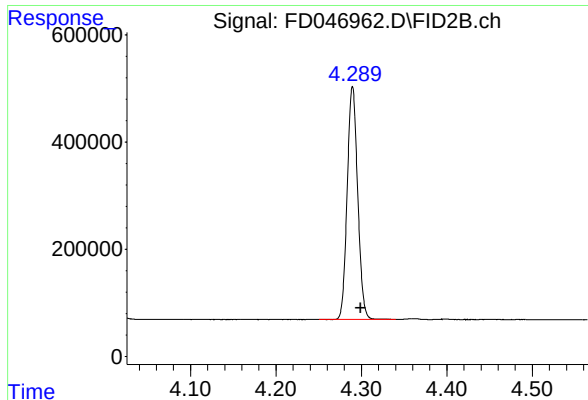
(m)=manual int.

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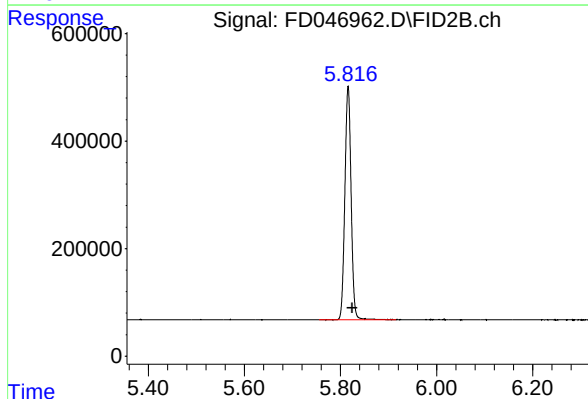
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Signal Info : 20M x 0.18mm x 0.18µm





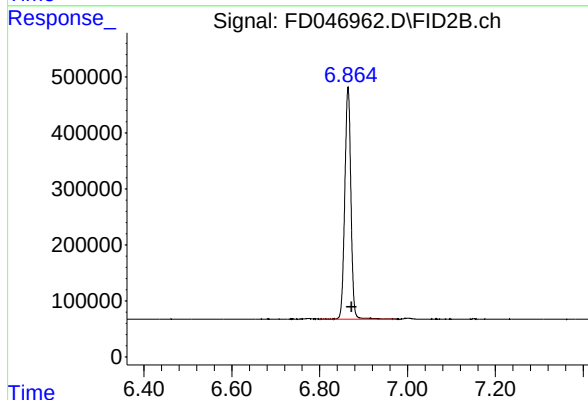
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.290 min
Delta R.T.: -0.009 min
Response: 3704024
Conc: 19.18 ug/ml



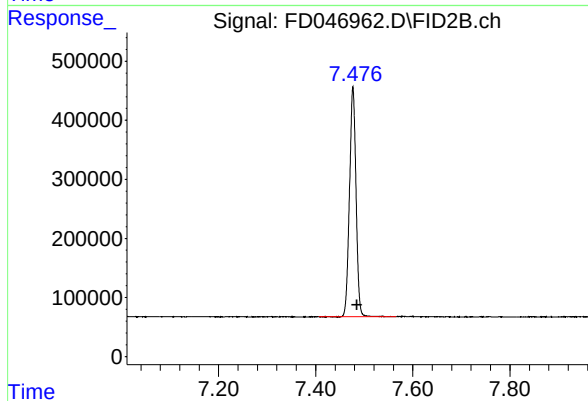
#2 Naphthalene (C11.7)

R.T.: 5.816 min
Delta R.T.: -0.009 min
Response: 3920750
Conc: 19.58 ug/ml



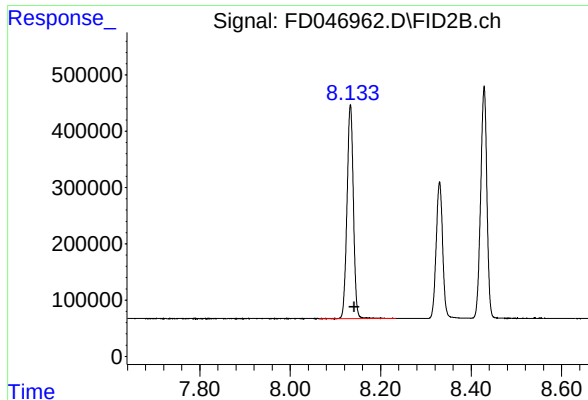
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.865 min
Delta R.T.: -0.008 min
Response: 3996380
Conc: 19.88 ug/ml



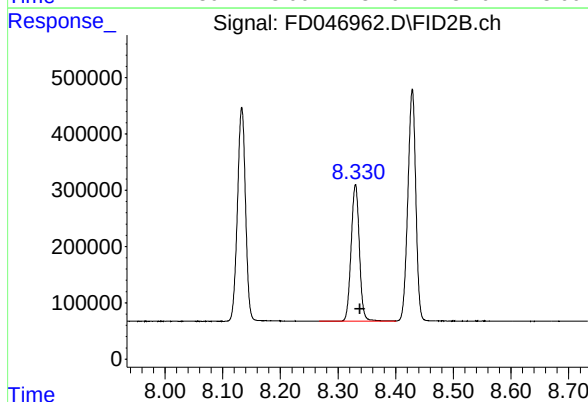
#4 2-Bromonaphthalene (SURR)

R.T.: 7.477 min
Delta R.T.: -0.008 min
Response: 3631361
Conc: 19.91 ug/ml



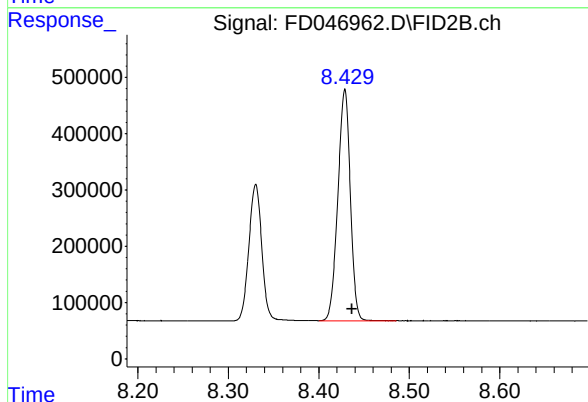
#5 Acenaphthylene (C15.06)

R.T.: 8.133 min
Delta R.T.: -0.009 min
Response: 3717237
Conc: 20.21 ug/ml



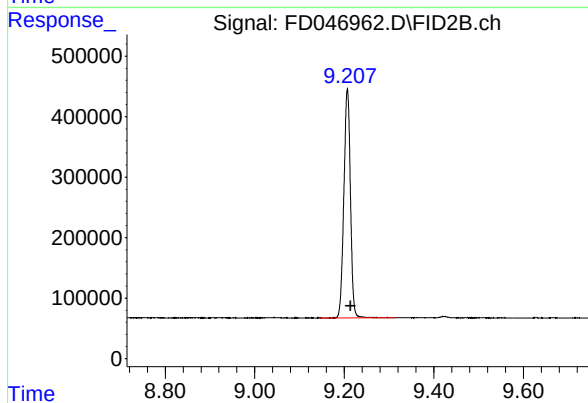
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.330 min
Delta R.T.: -0.008 min
Response: 2410733
Conc: 20.49 ug/ml



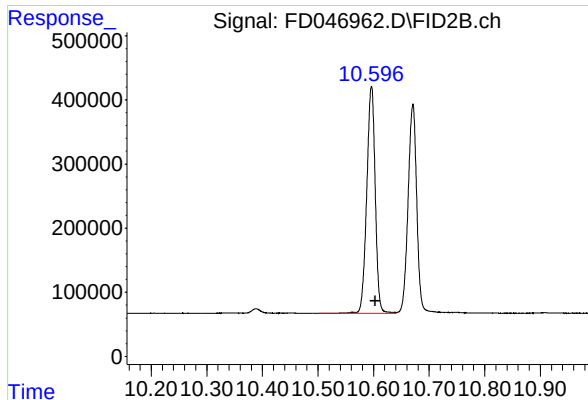
#7 Acenaphthene (C15.5)

R.T.: 8.429 min
Delta R.T.: -0.008 min
Response: 3936409
Conc: 20.10 ug/ml



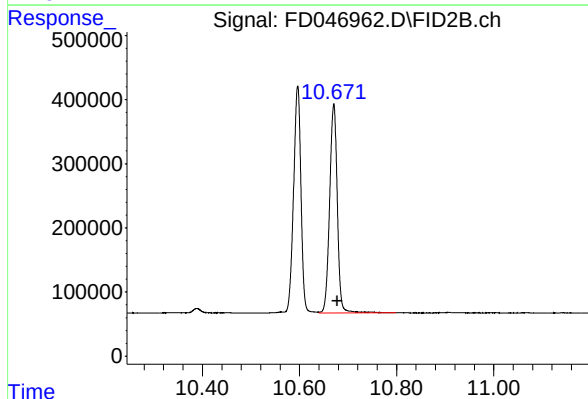
#8 Fluorene (C16.55)

R.T.: 9.207 min
Delta R.T.: -0.008 min
Response: 3848370
Conc: 20.81 ug/ml



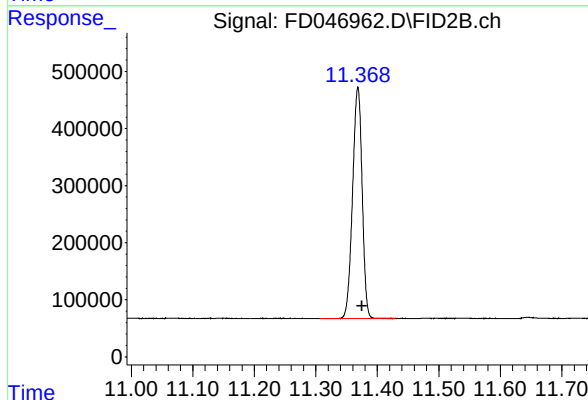
#9 Phenanthrene (C19.36)

R.T.: 10.596 min
Delta R.T.: -0.007 min
Response: 3745522
Conc: 21.05 ug/ml



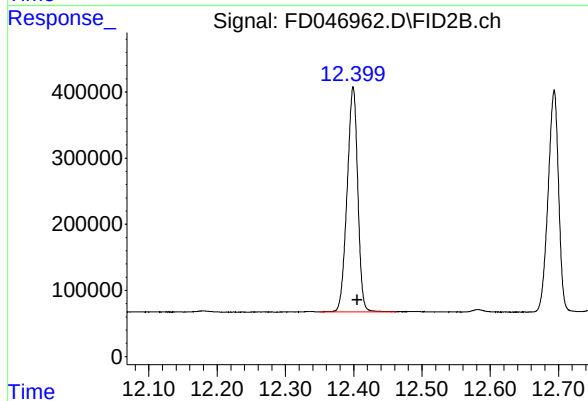
#10 Anthracene (C19.43)

R.T.: 10.671 min
Delta R.T.: -0.007 min
Response: 3559615
Conc: 20.89 ug/ml



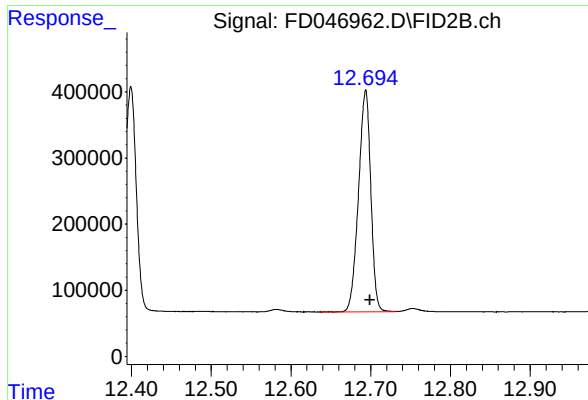
#11 ortho-Terphenyl (SURR)

R.T.: 11.368 min
Delta R.T.: -0.007 min
Response: 4380183
Conc: 20.69 ug/ml



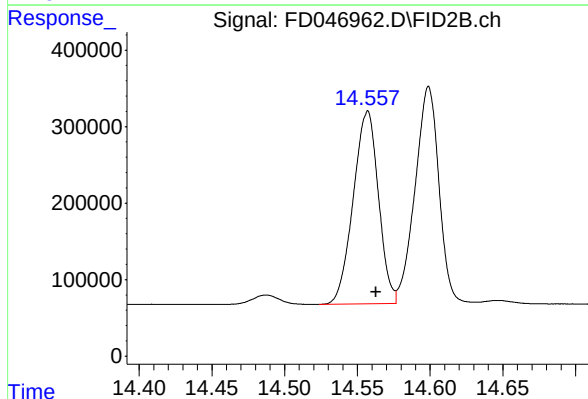
#12 Fluoranthene (C21.85)

R.T.: 12.399 min
Delta R.T.: -0.007 min
Response: 3685224
Conc: 21.34 ug/ml



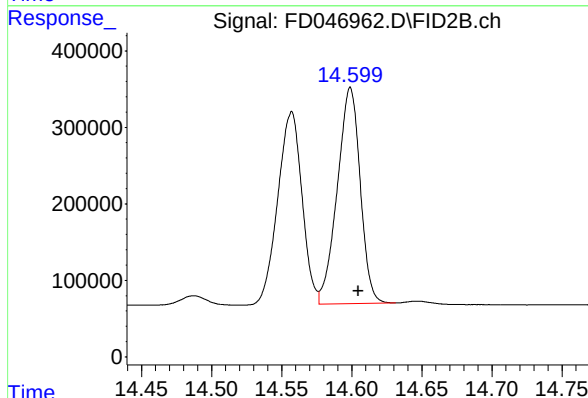
#13 Pyrene (C20.8)

R.T.: 12.693 min
Delta R.T.: -0.006 min
Response: 3591572
Conc: 21.60 ug/ml



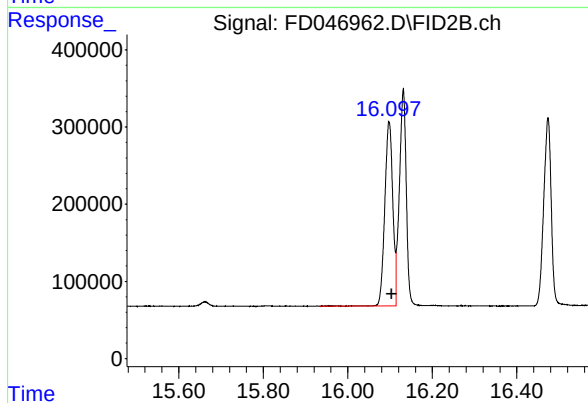
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.557 min
Delta R.T.: -0.006 min
Response: 3036300
Conc: 21.58 ug/ml



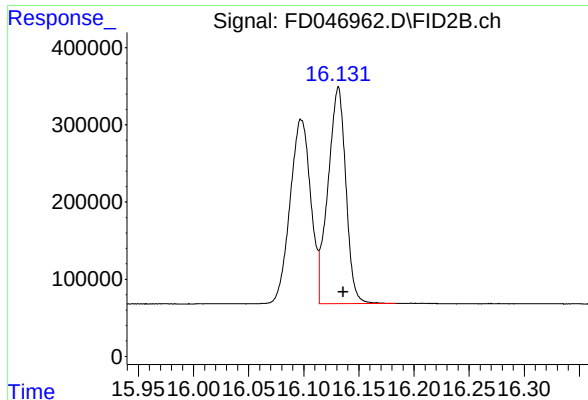
#15 Chrysene (C27.41)

R.T.: 14.599 min
Delta R.T.: -0.006 min
Response: 3211318
Conc: 20.59 ug/ml



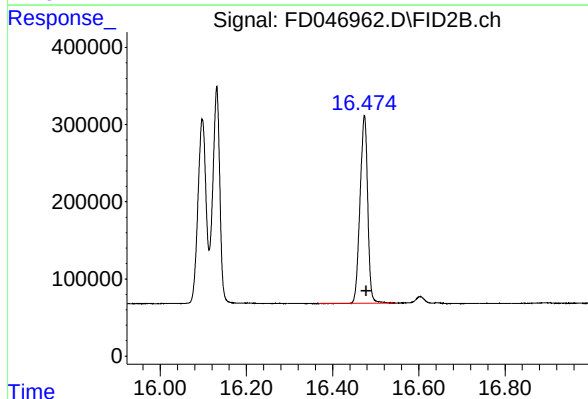
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.098 min
Delta R.T.: -0.006 min
Response: 3105201
Conc: 21.70 ug/ml



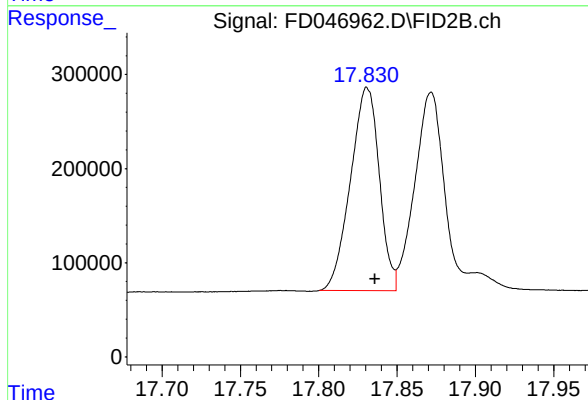
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.131 min
Delta R.T.: -0.005 min
Response: 3165985
Conc: 21.62 ug/ml



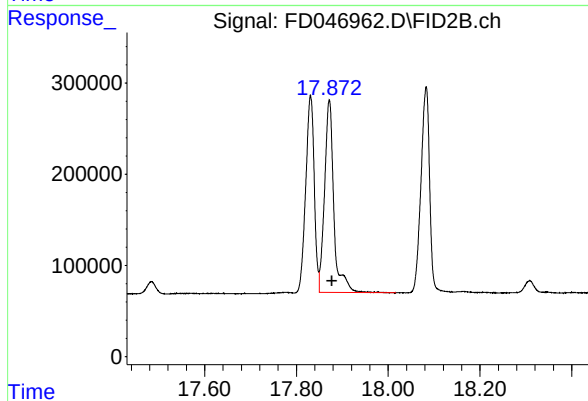
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.474 min
Delta R.T.: -0.005 min
Response: 3005621
Conc: 21.44 ug/ml



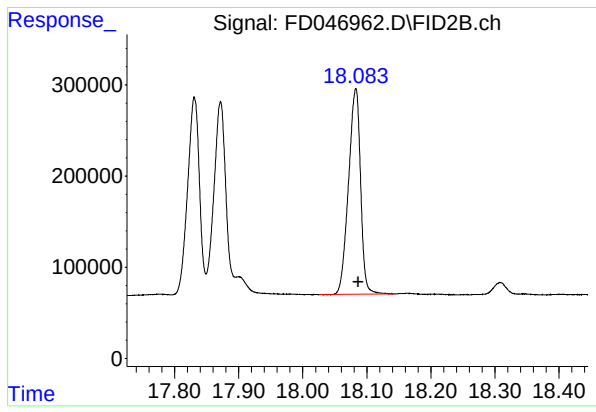
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.831 min
Delta R.T.: -0.005 min
Response: 2763889
Conc: 21.88 ug/ml



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

R.T.: 17.872 min
Delta R.T.: -0.006 min
Response: 2996377
Conc: 21.45 ug/ml



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

R.T.: 18.082 min
Delta R.T.: -0.005 min
Response: 2941399
Conc: 21.07 ug/ml