

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092123AR\
 Data File : FD046556.D
 Signal(s) : FID2B.ch
 Acq On : 21 Sep 2023 14:02
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Sep 22 00:39:42 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 15 01:47:22 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...	7.490	3467676	19.677 ug/ml
Spiked Amount 50.000		Recovery =	39.35%
6) S 2-Fluorobiphenyl (SURR)	8.343	2273072	19.619 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.24%
11) S ortho-Terphenyl (SURR)	11.381	4061101	19.934 ug/ml
Spiked Amount 50.000		Recovery =	39.87%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.305	3612588	19.559 ug/ml
2) T Naphthalene (C11.7)	5.830	3791956	19.624 ug/ml
3) T 2-Methylnaphthalene (...)	6.879	3820258	19.714 ug/ml
5) T Acenaphthylene (C15.06)	8.147	3471419	19.688 ug/ml
7) T Acenaphthene (C15.5)	8.442	3713805	19.765 ug/ml
8) T Fluorene (C16.55)	9.220	3567313	19.776 ug/ml
9) T Phenanthrene (C19.36)	10.609	3481150	19.799 ug/ml
10) T Anthracene (C19.43)	10.683	3171603	20.649 ug/ml
12) T Fluoranthene (C21.85)	12.411	3395570	19.922 ug/ml
13) T Pyrene (C20.8)	12.705	3283547	20.016 ug/ml
14) T Benzo[a]anthracene (C...	14.568	2749516	19.691 ug/ml
15) T Chrysene (C27.41)	14.611	2961160	19.507 ug/ml
16) T benzo[b]fluoranthene ...	16.110	2712518	19.775 ug/ml
17) T Bnezo[k]fluoranthene ...	16.141	2783758	20.096 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.484	2598205	19.422 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.840	2410845	19.233 ug/ml
20) T Dibenz[a,h]anthracene...	17.882	2599588	19.535 ug/ml
21) T Benzo[g,h,i]perylene ...	18.092	2558565	19.402 ug/ml

(f)=RT Delta > 1/2 Window

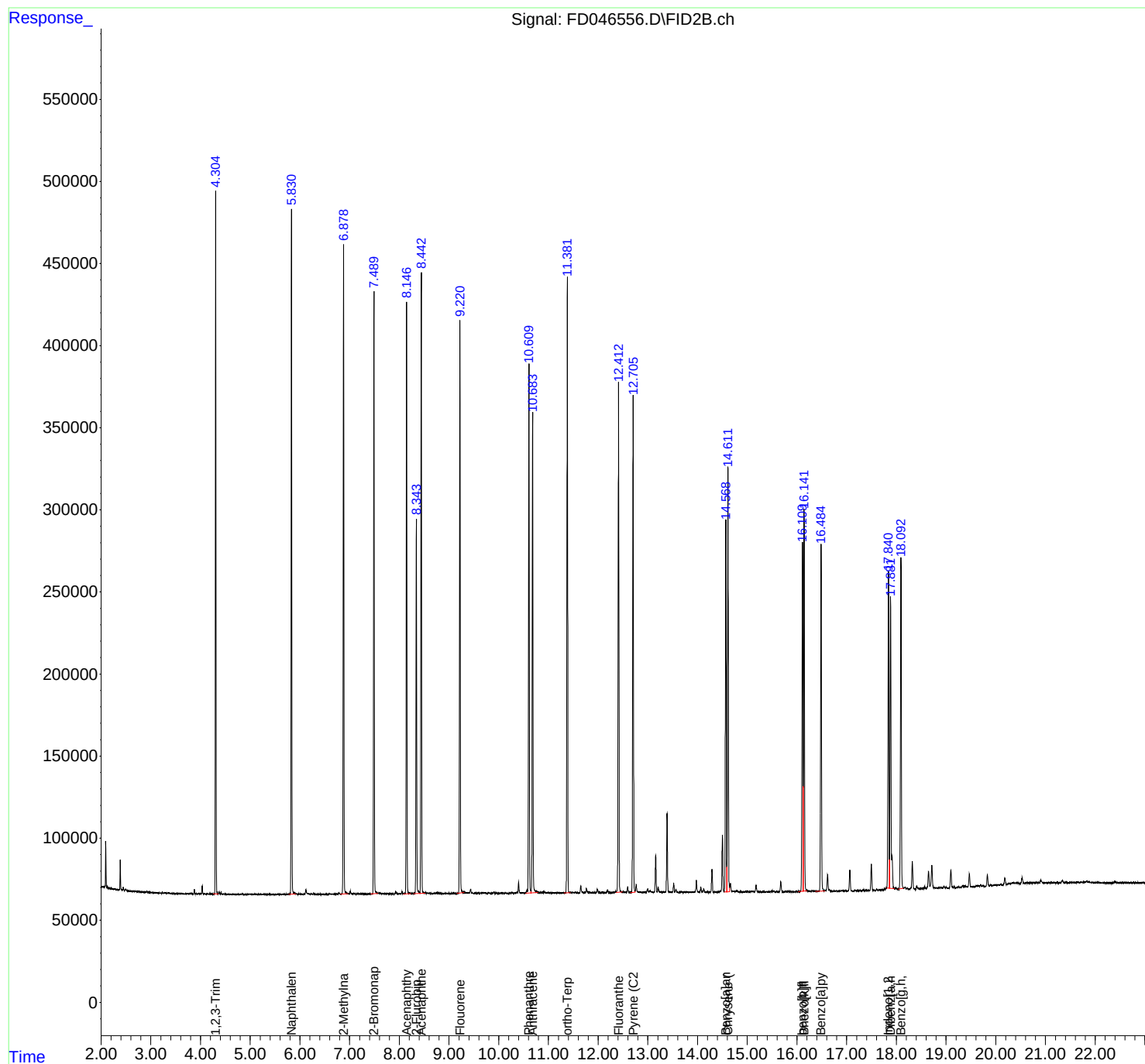
(m)=manual int.

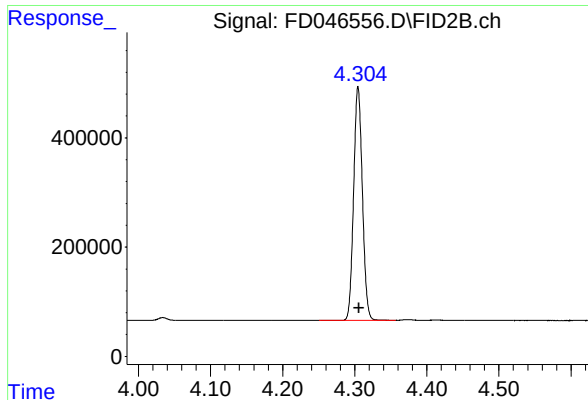
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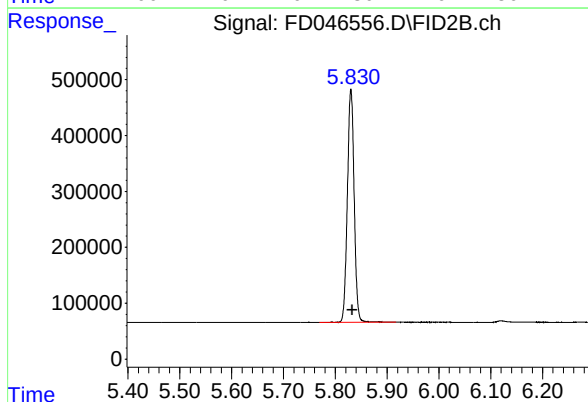




#1 1,2,3-Trimethylbenzene (C10.1)

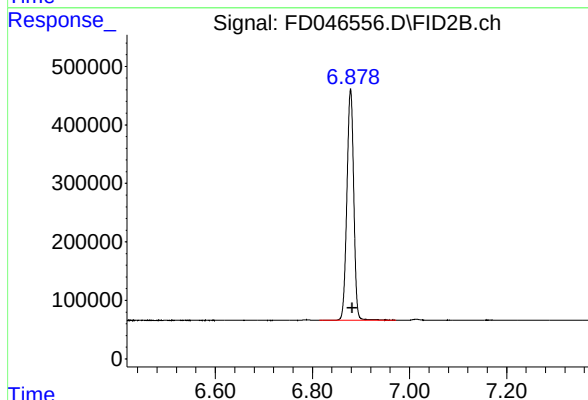
R.T.: 4.305 min
Delta R.T.: -0.001 min
Response: 3612588
Conc: 19.56 ug/ml

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20 PPM AROMATIC HC STD



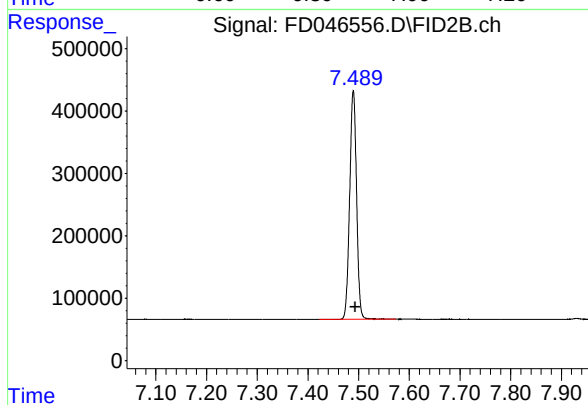
#2 Naphthalene (C11.7)

R.T.: 5.830 min
Delta R.T.: -0.003 min
Response: 3791956
Conc: 19.62 ug/ml



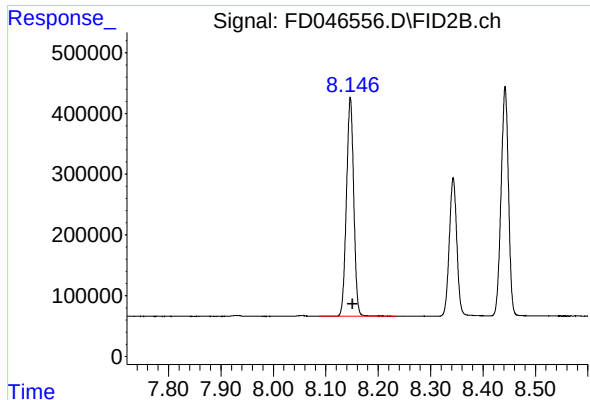
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.879 min
Delta R.T.: -0.004 min
Response: 3820258
Conc: 19.71 ug/ml



#4 2-Bromonaphthalene (SURR)

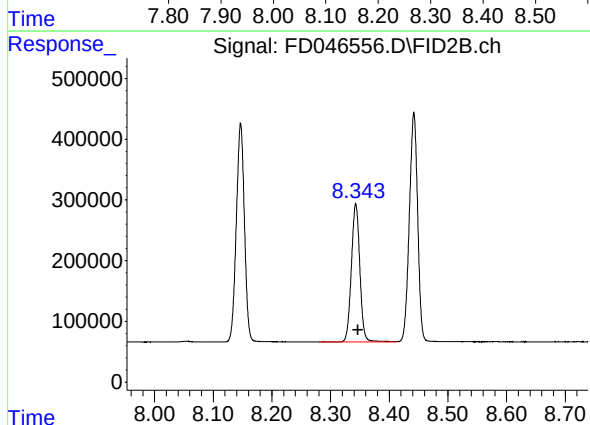
R.T.: 7.490 min
Delta R.T.: -0.004 min
Response: 3467676
Conc: 19.68 ug/ml



#5 Acenaphthylene (C15.06)

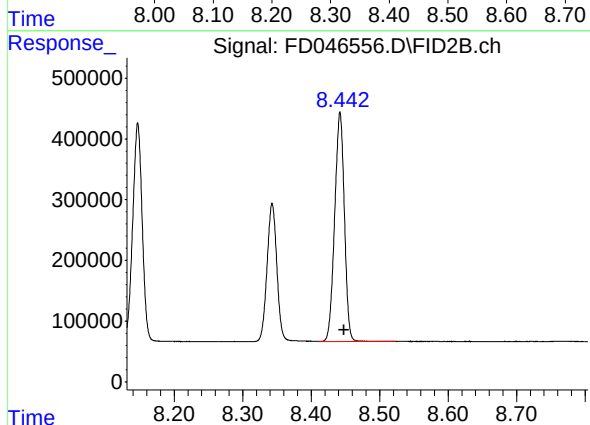
R.T.: 8.147 min
Delta R.T.: -0.005 min
Response: 3471419
Conc: 19.69 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



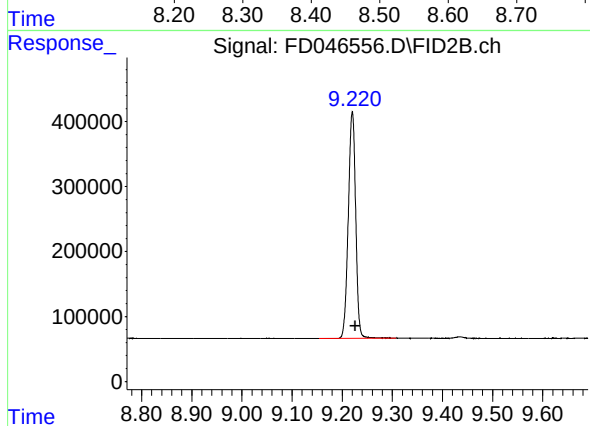
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.343 min
Delta R.T.: -0.004 min
Response: 2273072
Conc: 19.62 ug/ml



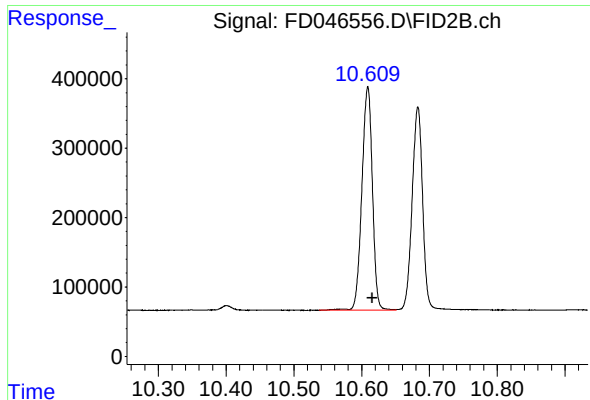
#7 Acenaphthene (C15.5)

R.T.: 8.442 min
Delta R.T.: -0.006 min
Response: 3713805
Conc: 19.77 ug/ml



#8 Fluorene (C16.55)

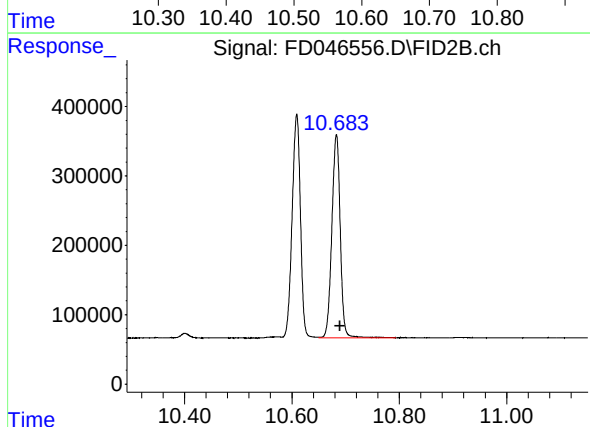
R.T.: 9.220 min
Delta R.T.: -0.006 min
Response: 3567313
Conc: 19.78 ug/ml



#9 Phenanthrene (C19.36)

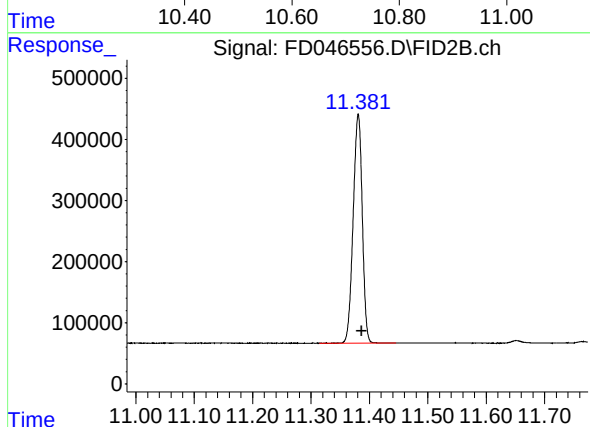
R.T.: 10.609 min
Delta R.T.: -0.007 min
Response: 3481150
Conc: 19.80 ug/ml

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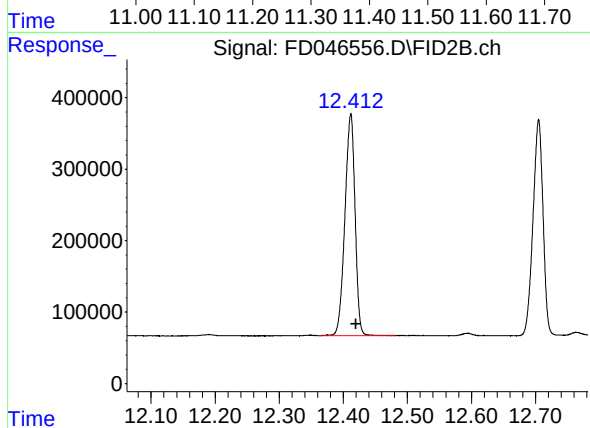
#10 Anthracene (C19.43)

R.T.: 10.683 min
Delta R.T.: -0.007 min
Response: 3171603
Conc: 20.65 ug/ml



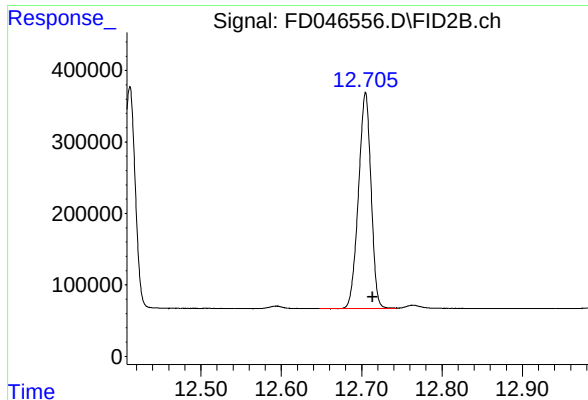
#11 ortho-Terphenyl (SURR)

R.T.: 11.381 min
Delta R.T.: -0.006 min
Response: 4061101
Conc: 19.93 ug/ml



#12 Fluoranthene (C21.85)

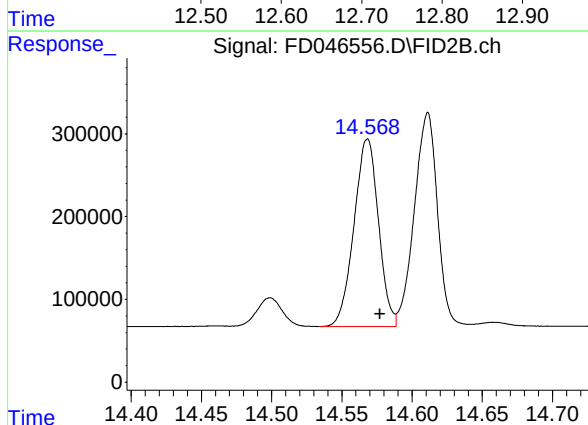
R.T.: 12.411 min
Delta R.T.: -0.008 min
Response: 3395570
Conc: 19.92 ug/ml



#13 Pyrene (C20.8)

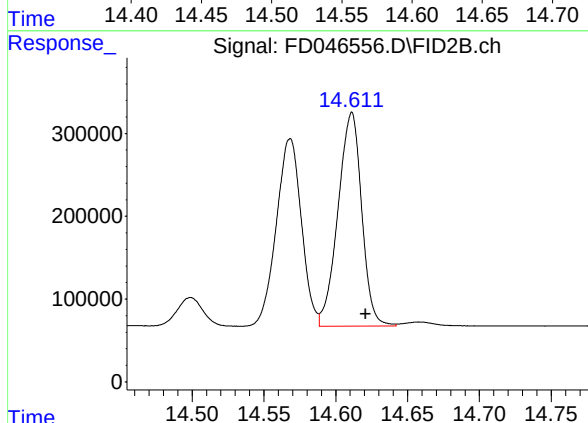
R.T.: 12.705 min
Delta R.T.: -0.009 min
Response: 3283547
Conc: 20.02 ug/ml

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20 PPM AROMATIC HC STD



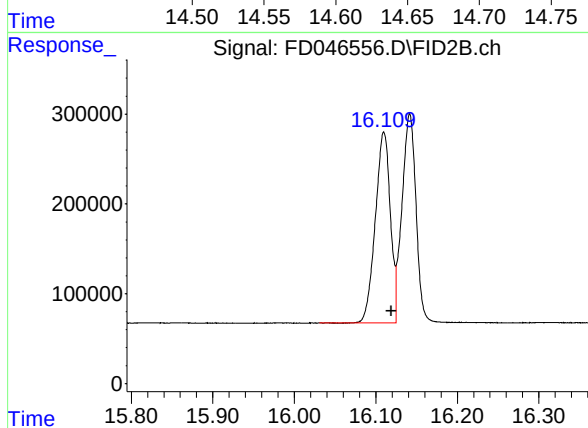
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.568 min
Delta R.T.: -0.009 min
Response: 2749516
Conc: 19.69 ug/ml



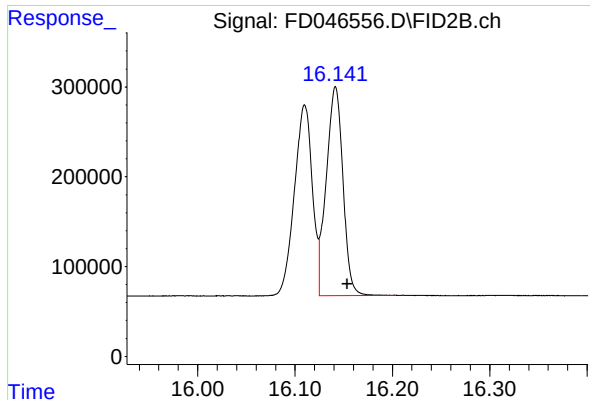
#15 Chrysene (C27.41)

R.T.: 14.611 min
Delta R.T.: -0.010 min
Response: 2961160
Conc: 19.51 ug/ml



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

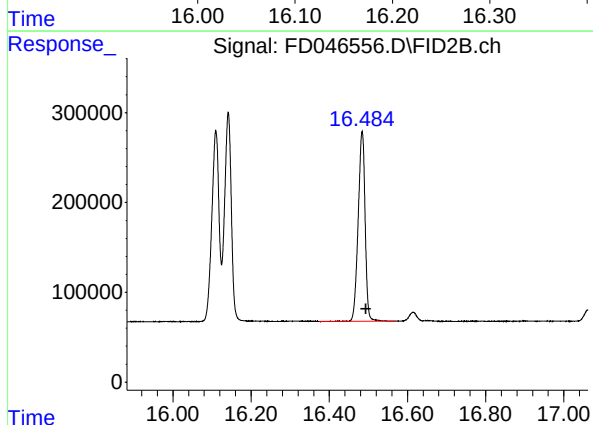
R.T.: 16.110 min
Delta R.T.: -0.009 min
Response: 2712518
Conc: 19.78 ug/ml



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

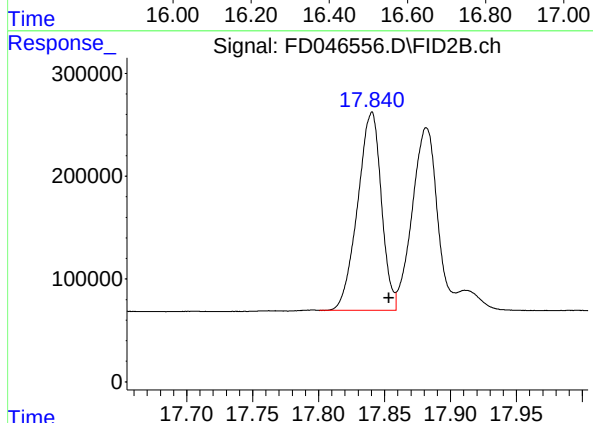
R.T.: 16.141 min
Delta R.T.: -0.012 min
Response: 2783758
Conc: 20.10 ug/ml

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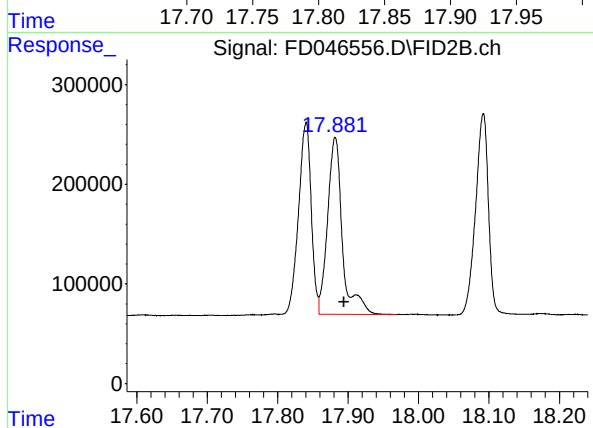
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.484 min
Delta R.T.: -0.011 min
Response: 2598205
Conc: 19.42 ug/ml



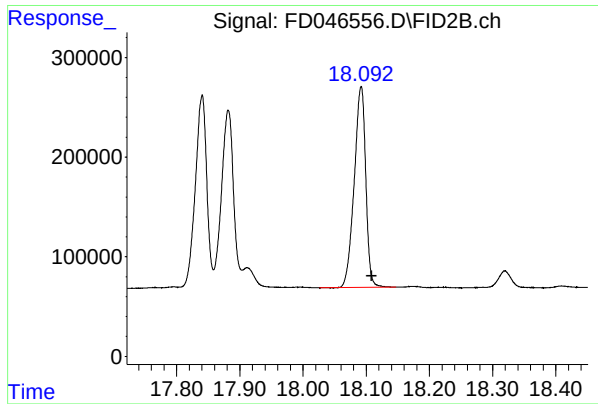
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.840 min
Delta R.T.: -0.013 min
Response: 2410845
Conc: 19.23 ug/ml



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

R.T.: 17.882 min
Delta R.T.: -0.012 min
Response: 2599588
Conc: 19.54 ug/ml



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

R.T.: 18.092 min
Delta R.T.: -0.017 min
Response: 2558565
Conc: 19.40 ug/ml

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