

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082223AR\
 Data File : FD046370.D
 Signal(s) : FID2B.ch
 Acq On : 22 Aug 2023 10:29
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD3
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD3

Integration File: autoint1.e
 Quant Time: Aug 22 11:13:49 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 082223.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 22 11:13:00 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...	7.498	3373101	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	8.352	2236430	20.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.00%
11) S ortho-Terphenyl (SURR)	11.388	3902414	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.311	3506883	20.000 ug/ml
2) T Naphthalene (C11.7)	5.838	3680912	20.000 ug/ml
3) T 2-Methylnaphthalene (...)	6.886	3719764	20.000 ug/ml
5) T Acenaphthylene (C15.06)	8.155	3400795	20.000 ug/ml
7) T Acenaphthene (C15.5)	8.451	3593735	20.000 ug/ml
8) T Flouorene (C16.55)	9.229	3510205	20.000 ug/ml
9) T Phenanthrene (C19.36)	10.617	3427541	20.000 ug/ml
10) T Anthracene (C19.43)	10.692	3370437	20.000 ug/ml
12) T Fluoranthene (C21.85)	12.420	3318411	20.000 ug/ml
13) T Pyrene (C20.8)	12.714	3211231	20.000 ug/ml
14) T Benzo[a]anthracene (C...	14.578	2802839	20.000 ug/ml
15) T Chrysene (C27.41)	14.620	2943098	20.000 ug/ml
16) T benzo[b]fluoranthene ...	16.119	2697722	20.000 ug/ml
17) T Bnezo[k]fluoranthene ...	16.151	2692697	20.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.494	2623866	20.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.851	2480333	20.000 ug/ml
20) T Dibenz[a,h]anthracene...	17.892	2511879	20.000 ug/ml
21) T Benzo[g,h,i]perylene ...	18.102	2542736	20.000 ug/ml

(f)=RT Delta > 1/2 Window

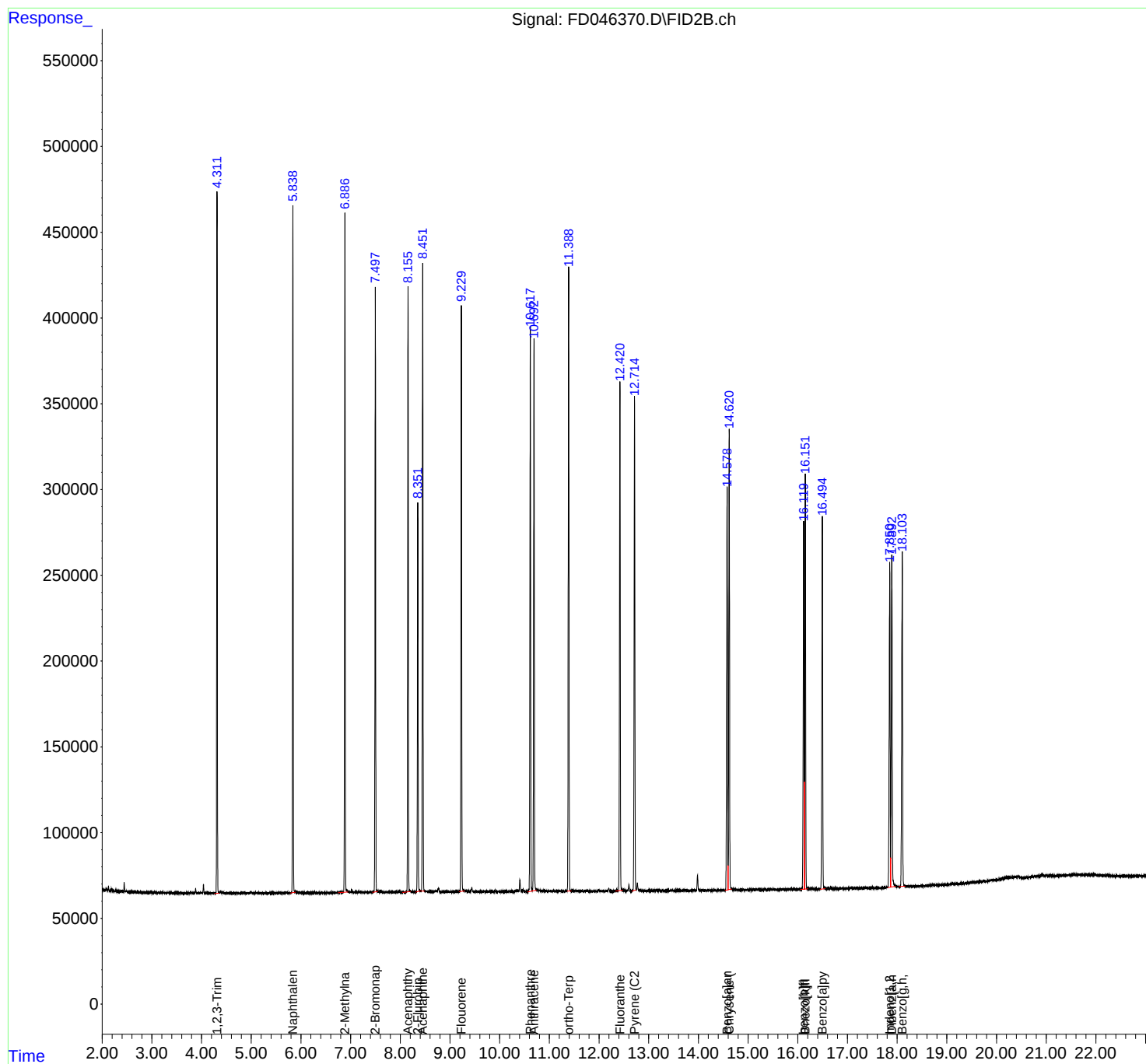
(m)=manual int.

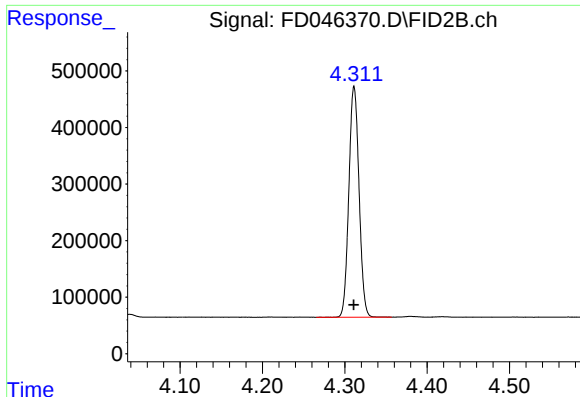
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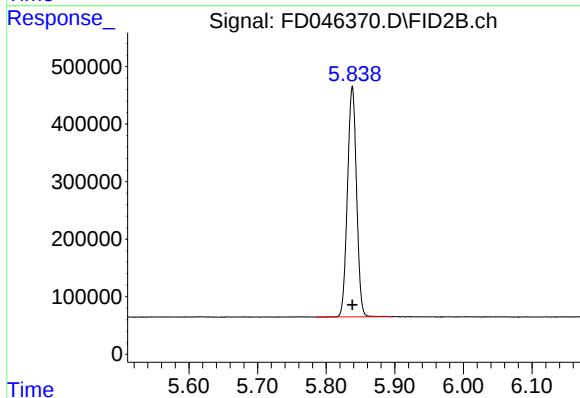




#1 1,2,3-Trimethylbenzene (C10.1)

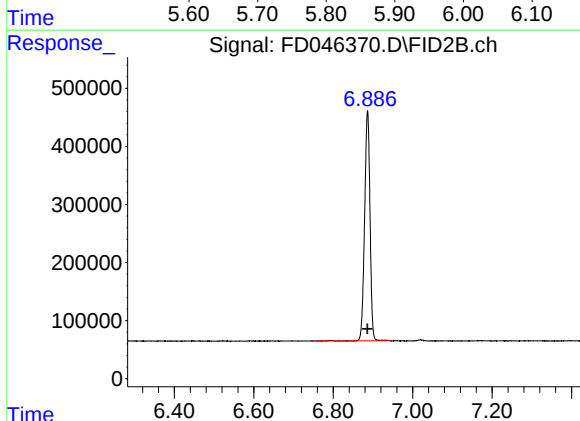
R.T.: 4.311 min
Delta R.T.: 0.000 min
Response: 3506883
Conc: 20.00 ug/ml

Instrument :
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20 PPM AROMATIC HC STD3



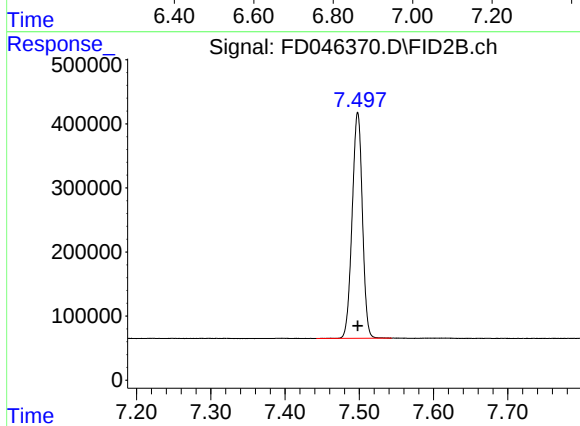
#2 Naphthalene (C11.7)

R.T.: 5.838 min
Delta R.T.: 0.000 min
Response: 3680912
Conc: 20.00 ug/ml



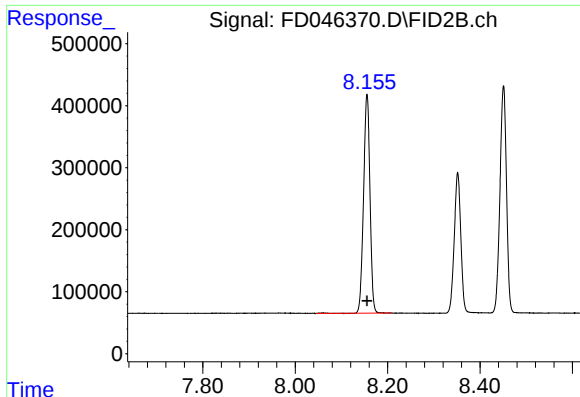
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.886 min
Delta R.T.: 0.000 min
Response: 3719764
Conc: 20.00 ug/ml



#4 2-Bromonaphthalene (SURR)

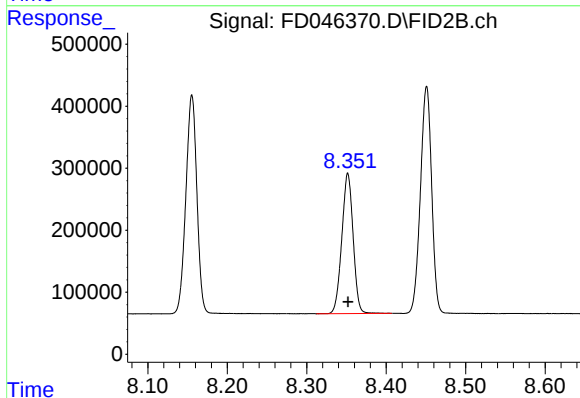
R.T.: 7.498 min
Delta R.T.: 0.000 min
Response: 3373101
Conc: 20.00 ug/ml



#5 Acenaphthylene (C15.06)

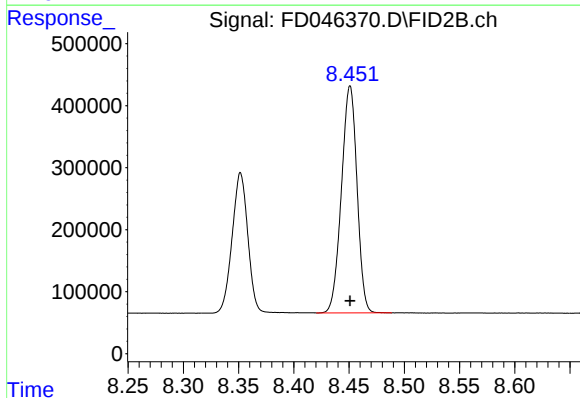
R.T.: 8.155 min
Delta R.T.: 0.000 min
Response: 3400795
Conc: 20.00 ug/ml

Instrument :
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20 PPM AROMATIC HC STD3



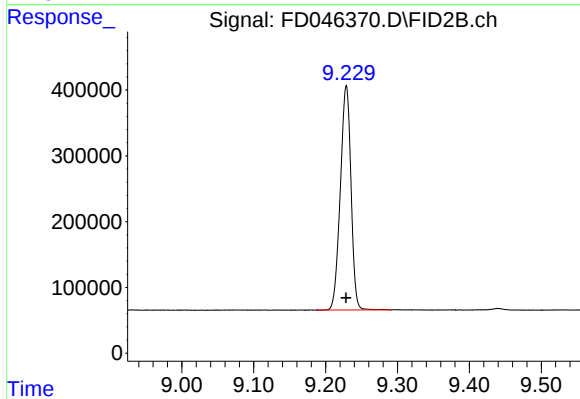
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.352 min
Delta R.T.: 0.000 min
Response: 2236430
Conc: 20.00 ug/ml



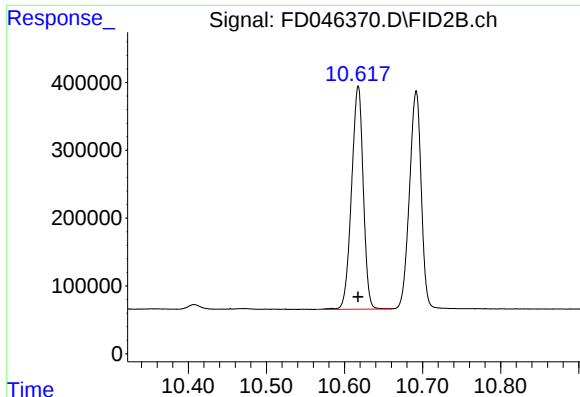
#7 Acenaphthene (C15.5)

R.T.: 8.451 min
Delta R.T.: 0.000 min
Response: 3593735
Conc: 20.00 ug/ml



#8 Fluorene (C16.55)

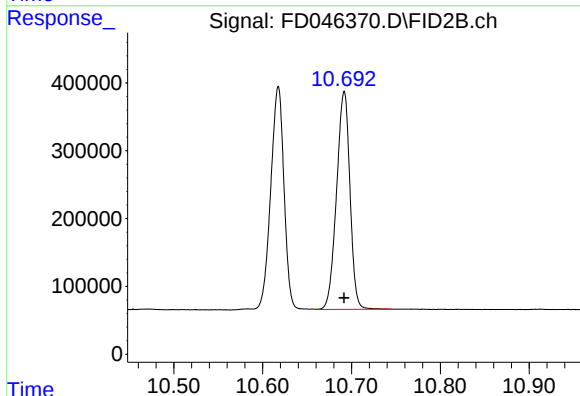
R.T.: 9.229 min
Delta R.T.: 0.000 min
Response: 3510205
Conc: 20.00 ug/ml



#9 Phenanthrene (C19.36)

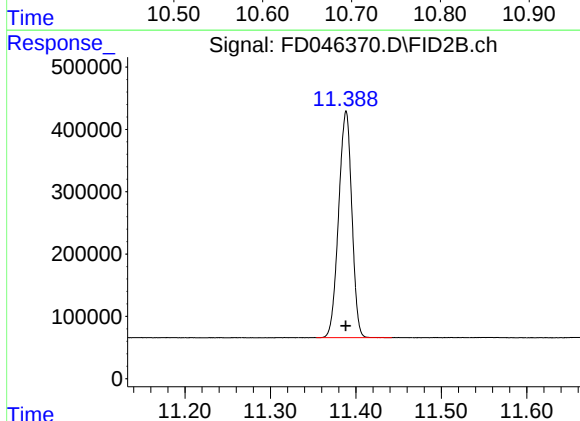
R.T.: 10.617 min
Delta R.T.: 0.000 min
Response: 3427541
Conc: 20.00 ug/ml

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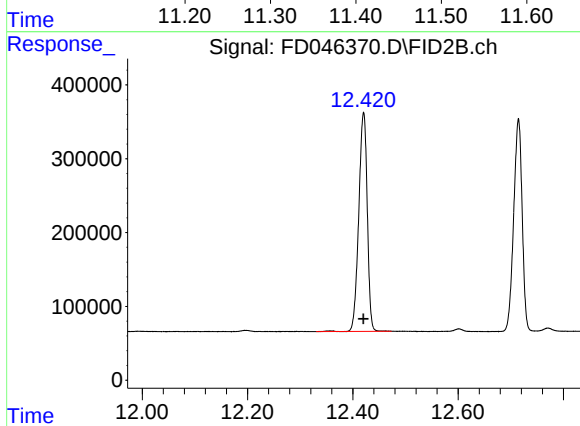
#10 Anthracene (C19.43)

R.T.: 10.692 min
Delta R.T.: 0.000 min
Response: 3370437
Conc: 20.00 ug/ml



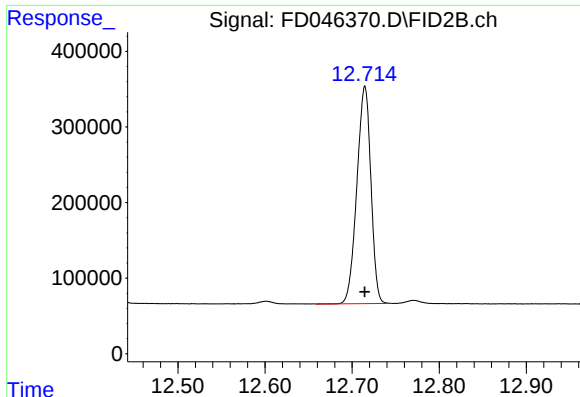
#11 ortho-Terphenyl (SURR)

R.T.: 11.388 min
Delta R.T.: 0.000 min
Response: 3902414
Conc: 20.00 ug/ml



#12 Fluoranthene (C21.85)

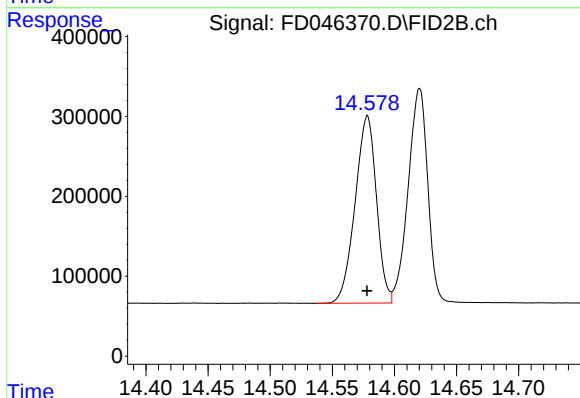
R.T.: 12.420 min
Delta R.T.: 0.000 min
Response: 3318411
Conc: 20.00 ug/ml



#13 Pyrene (C20.8)

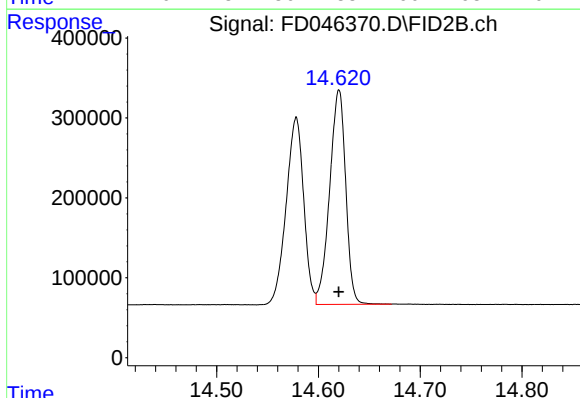
R.T.: 12.714 min
Delta R.T.: 0.000 min
Response: 3211231
Conc: 20.00 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD3



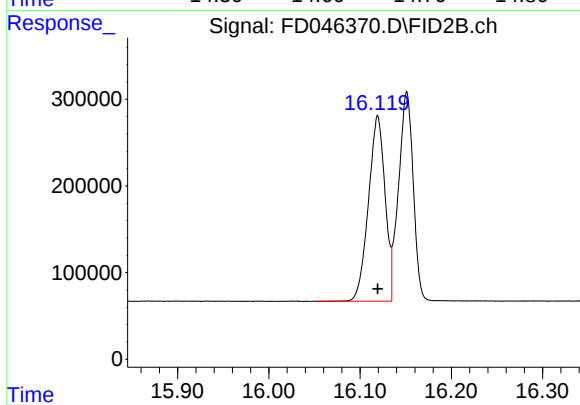
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.578 min
Delta R.T.: 0.000 min
Response: 2802839
Conc: 20.00 ug/ml



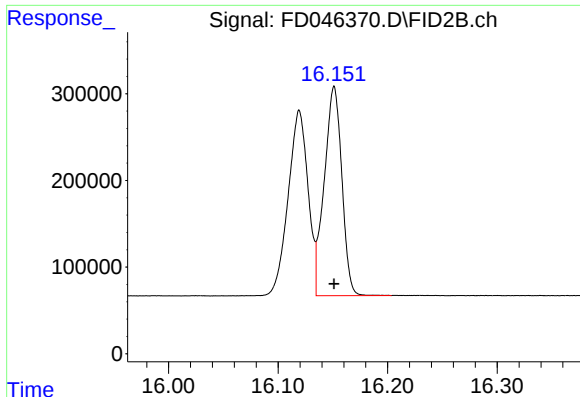
#15 Chrysene (C27.41)

R.T.: 14.620 min
Delta R.T.: 0.000 min
Response: 2943098
Conc: 20.00 ug/ml



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

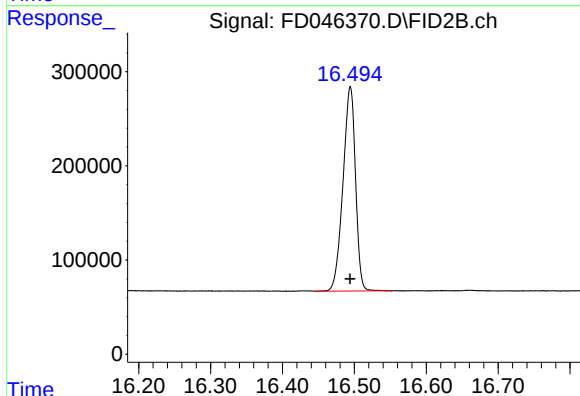
R.T.: 16.119 min
Delta R.T.: 0.000 min
Response: 2697722
Conc: 20.00 ug/ml



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

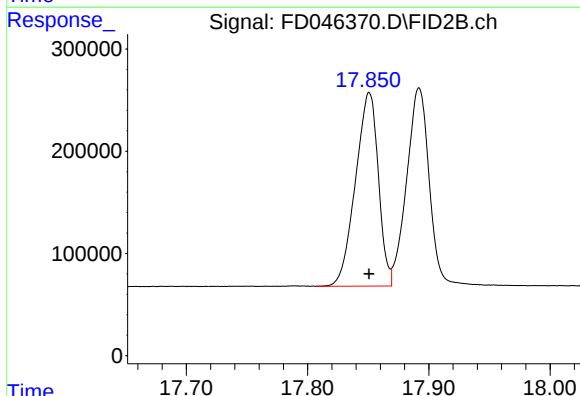
R.T.: 16.151 min
Delta R.T.: 0.000 min
Response: 2692697
Conc: 20.00 ug/ml

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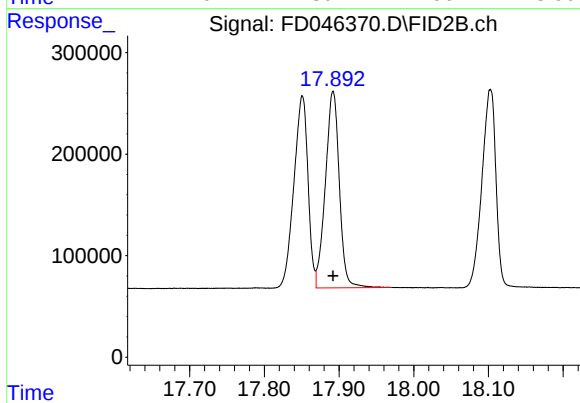
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.494 min
Delta R.T.: 0.000 min
Response: 2623866
Conc: 20.00 ug/ml



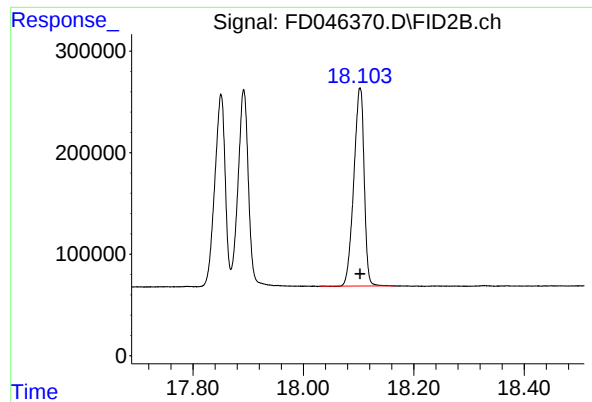
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.851 min
Delta R.T.: 0.000 min
Response: 2480333
Conc: 20.00 ug/ml



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

R.T.: 17.892 min
Delta R.T.: 0.000 min
Response: 2511879
Conc: 20.00 ug/ml



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

R.T.: 18.102 min
Delta R.T.: 0.000 min
Response: 2542736
Conc: 20.00 ug/ml

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