

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082223AR\
 Data File : FD046373.D
 Signal(s) : FID2B.ch
 Acq On : 22 Aug 2023 12:36
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Aug 22 13:11:07 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 082223.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 22 12:26:56 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...	7.497	3331306	19.725 ug/ml
Spiked Amount 50.000		Recovery =	39.45%
6) S 2-Fluorobiphenyl (SURR)	8.351	2202810	19.793 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.59%
11) S ortho-Terphenyl (SURR)	11.388	3869206	19.728 ug/ml
Spiked Amount 50.000		Recovery =	39.46%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.311	3456756	19.672 ug/ml
2) T Naphthalene (C11.7)	5.838	3630691	19.699 ug/ml
3) T 2-Methylnaphthalene (...)	6.886	3661802	19.722 ug/ml
5) T Acenaphthylene (C15.06)	8.155	3354964	19.714 ug/ml
7) T Acenaphthene (C15.5)	8.450	3558343	19.751 ug/ml
8) T Flouorene (C16.55)	9.228	3461236	19.791 ug/ml
9) T Phenanthrene (C19.36)	10.617	3391695	19.768 ug/ml
10) T Anthracene (C19.43)	10.691	3327806	19.727 ug/ml
12) T Fluoranthene (C21.85)	12.419	3292087	19.788 ug/ml
13) T Pyrene (C20.8)	12.714	3174870	19.698 ug/ml
14) T Benzo[a]anthracene (C...	14.577	2779372	19.756 ug/ml
15) T Chrysene (C27.41)	14.619	2930761	19.758 ug/ml
16) T benzo[b]fluoranthene ...	16.118	2714454	19.977 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.150	2676191	19.727 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.493	2596843	19.709 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.850	2459058	19.714 ug/mlm
20) T Dibenz[a,h]anthracene...	17.892	2472473	19.731 ug/ml
21) T Benzo[g,h,i]perylene ...	18.102	2529511	19.725 ug/ml

(f)=RT Delta > 1/2 Window

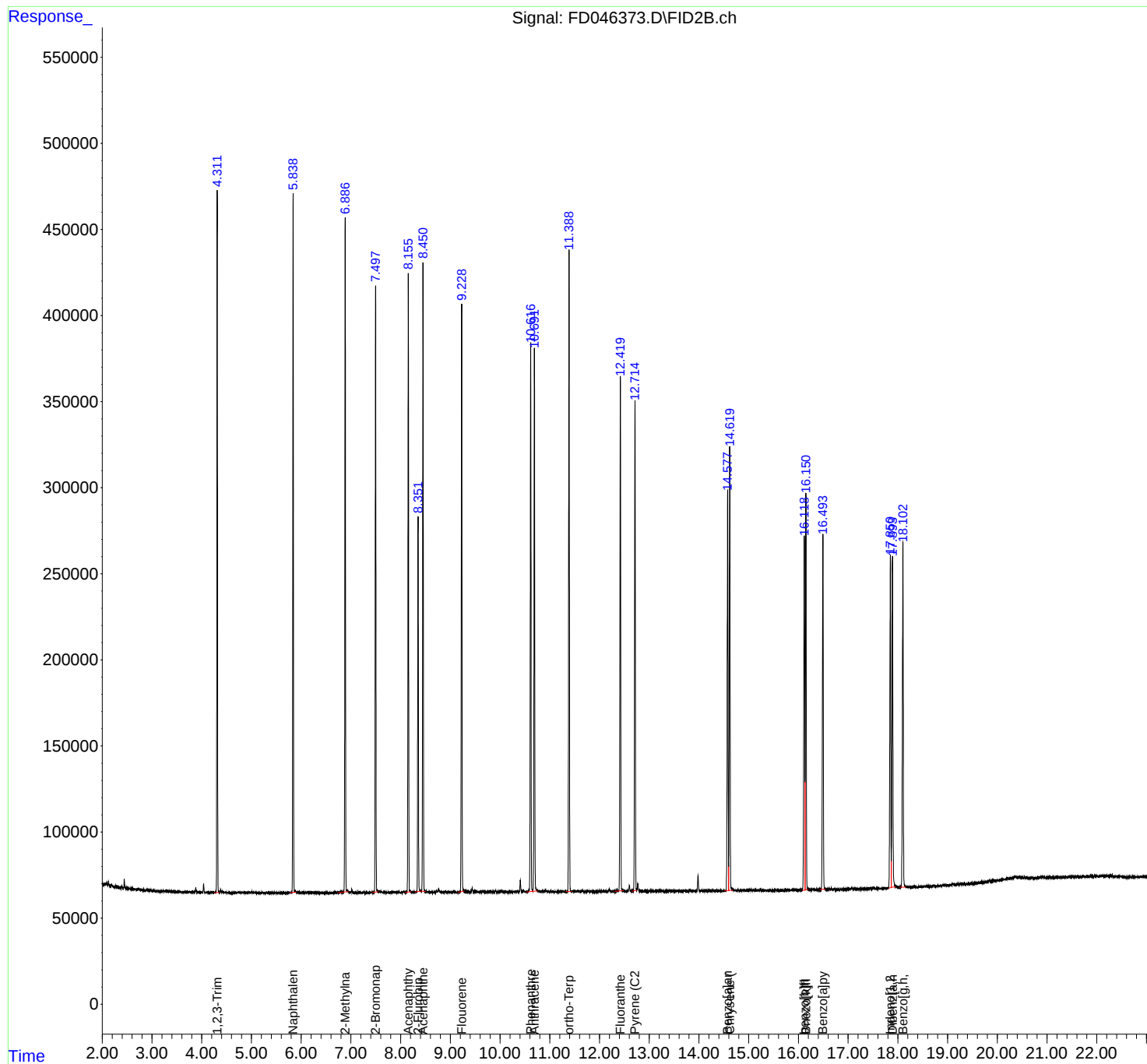
(m)=manual int.

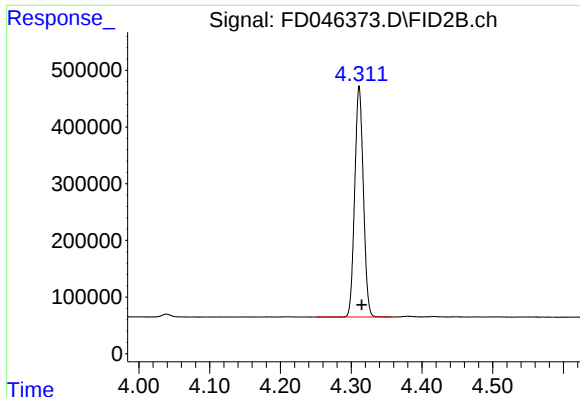
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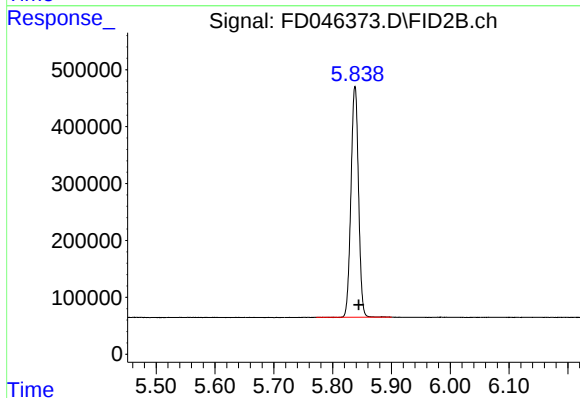




#1 1,2,3-Trimethylbenzene (C10.1)

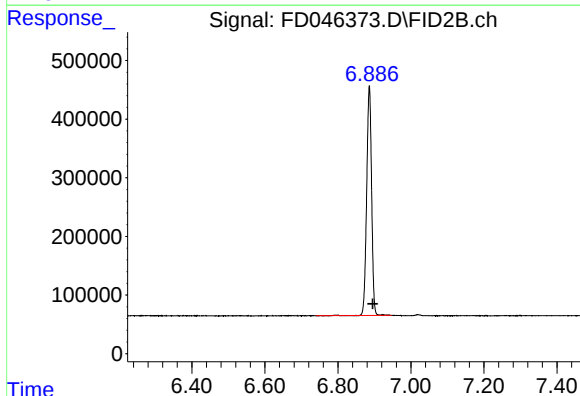
R.T.: 4.311 min
Delta R.T.: -0.004 min
Response: 3456756
Conc: 19.67 ug/ml

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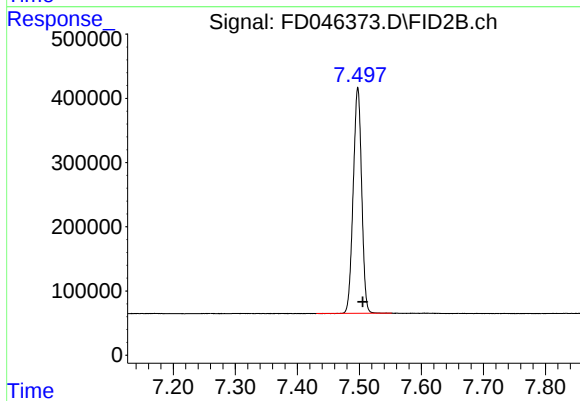
#2 Naphthalene (C11.7)

R.T.: 5.838 min
Delta R.T.: -0.006 min
Response: 3630691
Conc: 19.70 ug/ml



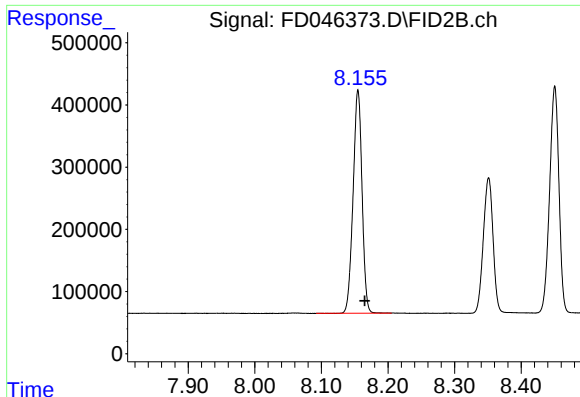
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.886 min
Delta R.T.: -0.009 min
Response: 3661802
Conc: 19.72 ug/ml



#4 2-Bromonaphthalene (SURR)

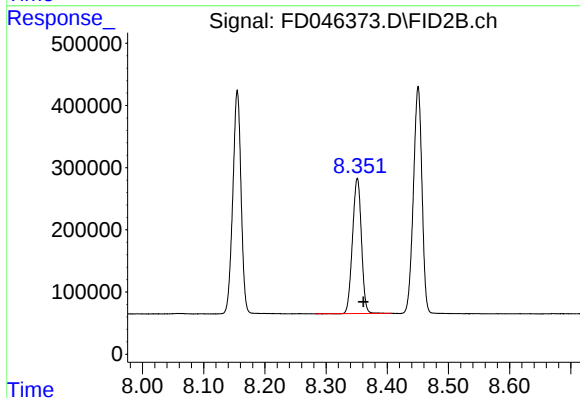
R.T.: 7.497 min
Delta R.T.: -0.008 min
Response: 3331306
Conc: 19.73 ug/ml



#5 Acenaphthylene (C15.06)

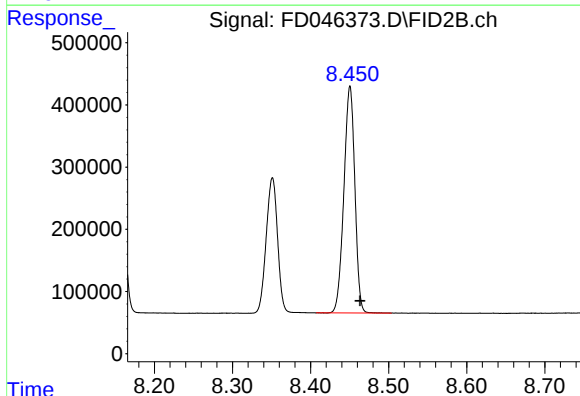
R.T.: 8.155 min
Delta R.T.: -0.010 min
Response: 3354964
Conc: 19.71 ug/ml

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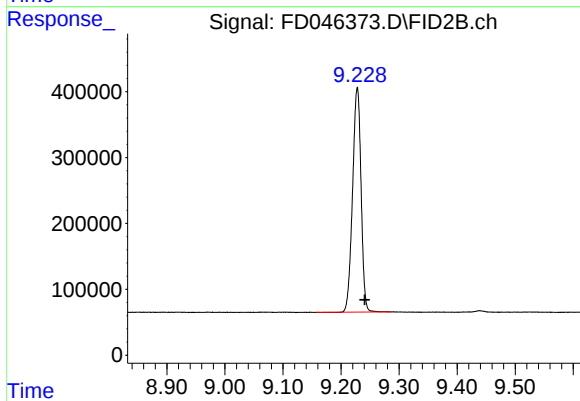
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.351 min
Delta R.T.: -0.010 min
Response: 2202810
Conc: 19.79 ug/ml



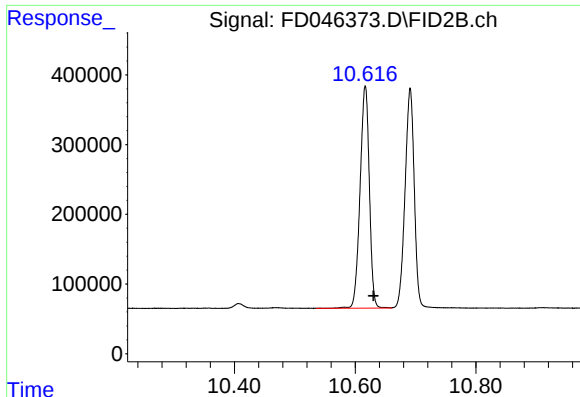
#7 Acenaphthene (C15.5)

R.T.: 8.450 min
Delta R.T.: -0.013 min
Response: 3558343
Conc: 19.75 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.228 min
Delta R.T.: -0.013 min
Response: 3461236
Conc: 19.79 ug/ml



#9 Phenanthrene (C19.36)

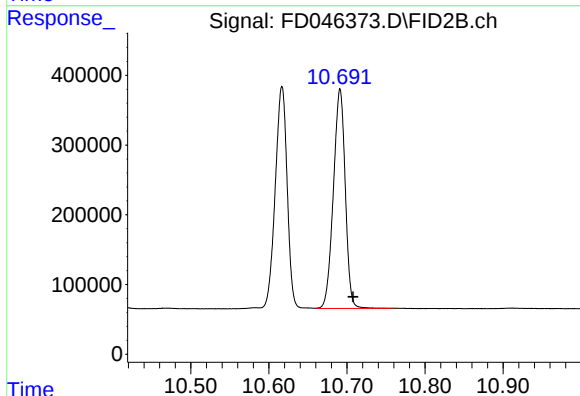
R.T.: 10.617 min
Delta R.T.: -0.014 min
Response: 3391695
Conc: 19.77 ug/ml

Instrument :

FID_D

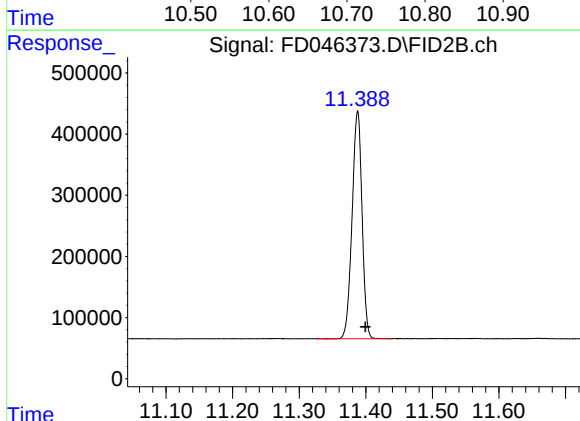
ClientSampleId :

20 PPM AROMATIC HC STD ICV



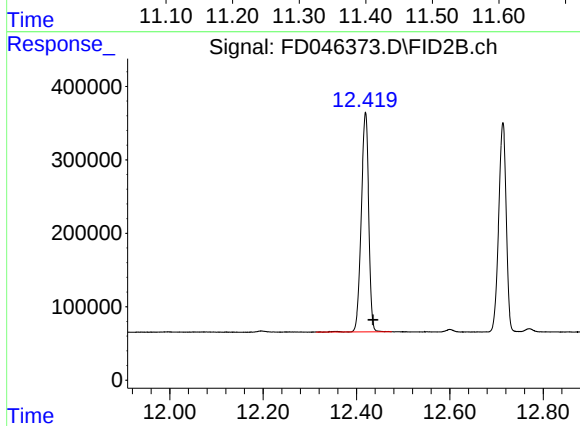
#10 Anthracene (C19.43)

R.T.: 10.691 min
Delta R.T.: -0.017 min
Response: 3327806
Conc: 19.73 ug/ml



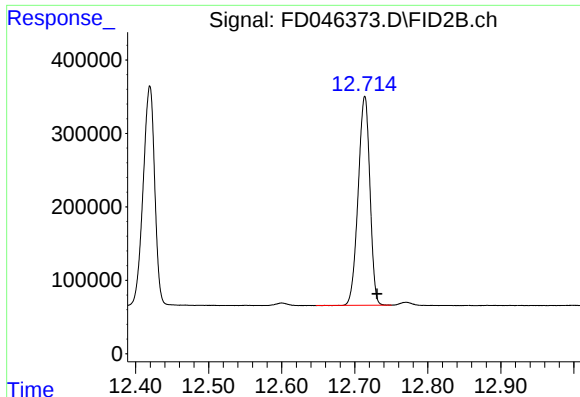
#11 ortho-Terphenyl (SURR)

R.T.: 11.388 min
Delta R.T.: -0.012 min
Response: 3869206
Conc: 19.73 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.419 min
Delta R.T.: -0.017 min
Response: 3292087
Conc: 19.79 ug/ml



#13 Pyrene (C20.8)

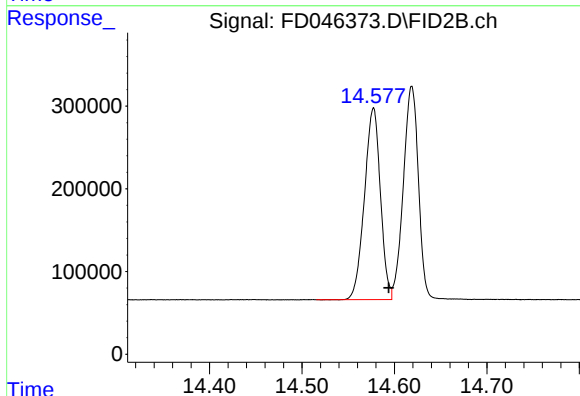
R.T.: 12.714 min
Delta R.T.: -0.017 min
Response: 3174870
Conc: 19.70 ug/ml

Instrument :

FID_D

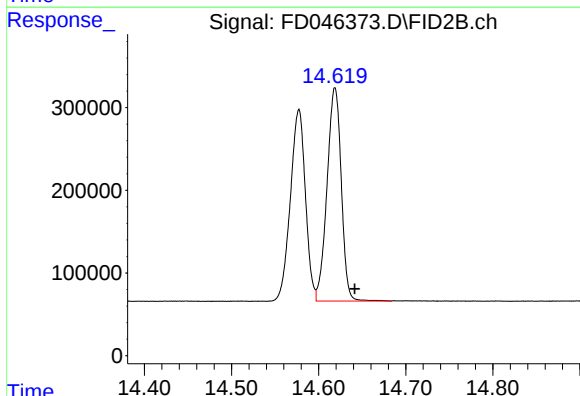
ClientSampleId :

20 PPM AROMATIC HC STD ICV



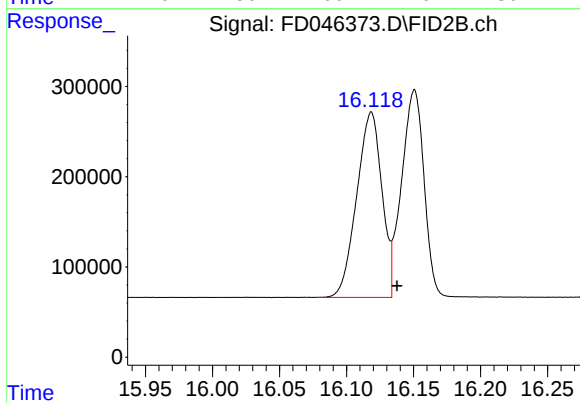
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.577 min
Delta R.T.: -0.017 min
Response: 2779372
Conc: 19.76 ug/ml



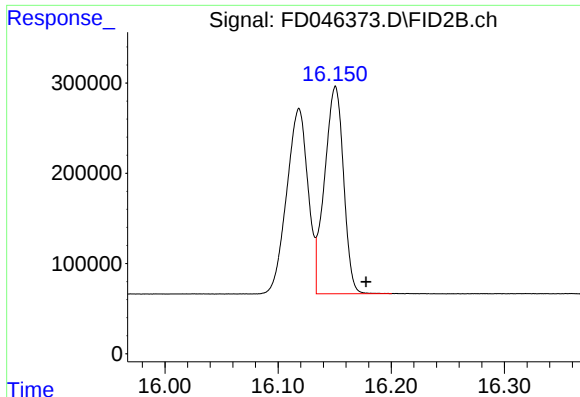
#15 Chrysene (C27.41)

R.T.: 14.619 min
Delta R.T.: -0.023 min
Response: 2930761
Conc: 19.76 ug/ml



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

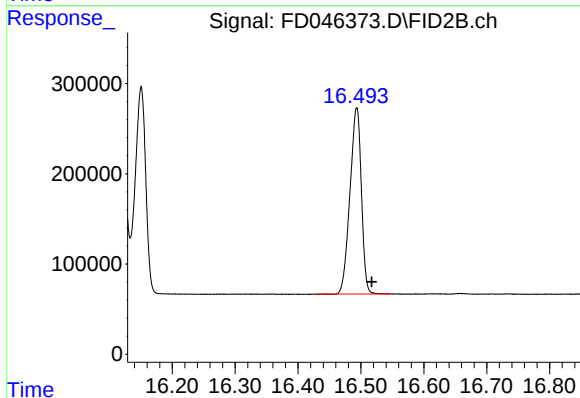
R.T.: 16.118 min
Delta R.T.: -0.019 min
Response: 2714454
Conc: 19.98 ug/ml m



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

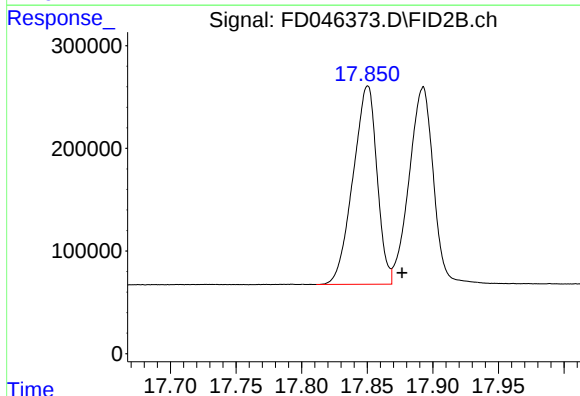
R.T.: 16.150 min
Delta R.T.: -0.027 min
Response: 2676191
Conc: 19.73 ug/ml

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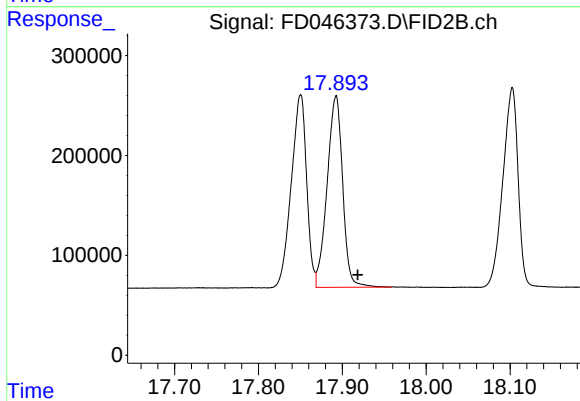
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.493 min
Delta R.T.: -0.024 min
Response: 2596843
Conc: 19.71 ug/ml



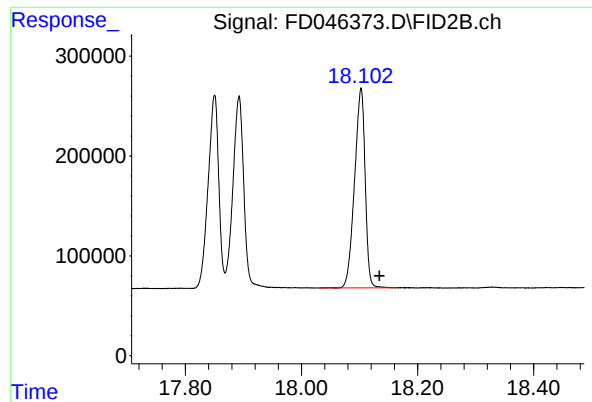
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.850 min
Delta R.T.: -0.026 min
Response: 2459058
Conc: 19.71 ug/ml m



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

R.T.: 17.892 min
Delta R.T.: -0.026 min
Response: 2472473
Conc: 19.73 ug/ml



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

R.T.: 18.102 min
Delta R.T.: -0.032 min
Response: 2529511
Conc: 19.72 ug/ml

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