

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091523AR\
 Data File : FD046490.D
 Signal(s) : FID2B.ch
 Acq On : 14 Sep 2023 20:51
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Sep 15 01:48:49 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

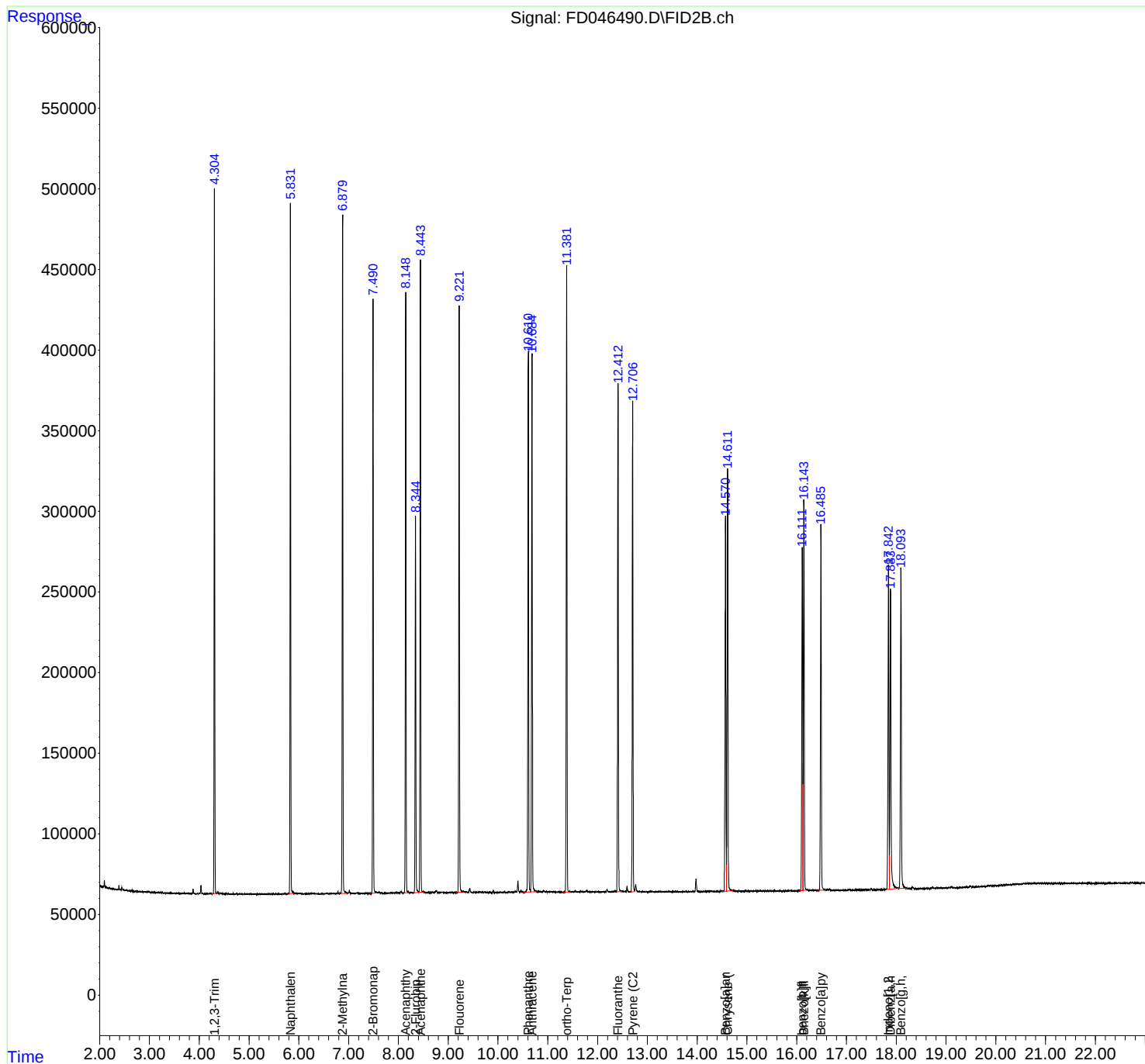
System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.491	3593349	20.391 ug/ml
Spiked Amount 50.000		Recovery =	40.78%
6) S 2-Fluorobiphenyl (SURR)	8.344	2368186	20.440 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.88%
11) S ortho-Terphenyl (SURR)	11.381	4144118	20.341 ug/ml
Spiked Amount 50.000		Recovery =	40.68%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.305	3756467	20.338 ug/ml
2) T Naphthalene (C11.7)	5.831	3931154	20.344 ug/ml
3) T 2-Methylnaphthalene (...)	6.879	3976478	20.520 ug/ml
5) T Acenaphthylene (C15.06)	8.148	3611342	20.481 ug/ml
7) T Acenaphthene (C15.5)	8.443	3828710	20.377 ug/ml
8) T Fluorene (C16.55)	9.221	3710467	20.569 ug/ml
9) T Phenanthrene (C19.36)	10.610	3591591	20.427 ug/ml
10) T Anthracene (C19.43)	10.684	3502879	22.806 ug/ml
12) T Fluoranthene (C21.85)	12.412	3464702	20.328 ug/ml
13) T Pyrene (C20.8)	12.706	3357804	20.468 ug/ml
14) T Benzo[a]anthracene (C...	14.570	2862790	20.502 ug/ml
15) T Chrysene (C27.41)	14.612	3071378	20.233 ug/ml
16) T benzo[b]fluoranthene ...	16.110	2801244	20.422 ug/ml
17) T Bnezo[k]fluoranthene ...	16.143	2805089	20.250 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.486	2733504	20.433 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.842	2543356	20.290 ug/ml
20) T Dibenz[a,h]anthracene...	17.883	2675699	20.107 ug/ml
21) T Benzo[g,h,i]perylene ...	18.093	2686407	20.371 ug/ml

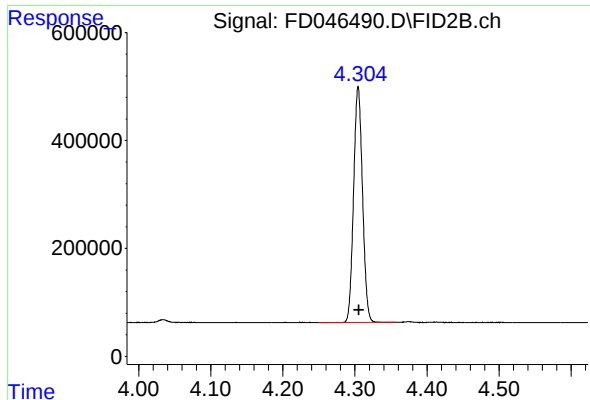
(f)=RT Delta > 1/2 Window

(m)=manual int.

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20 PPM AROMATIC HC STD ICV

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





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

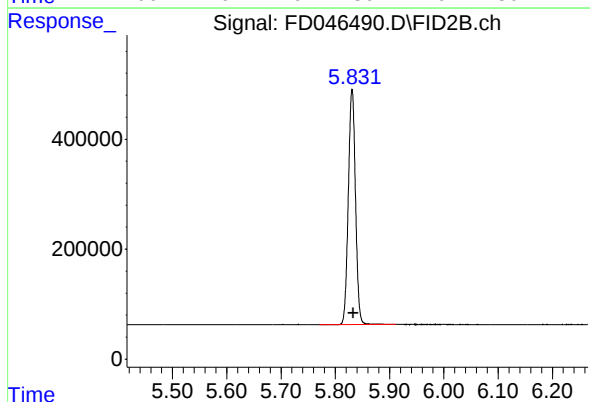
R.T.: 4.305 min
Delta R.T.: -0.001 min
Response: 3756467
Conc: 20.34 ug/ml

Instrument :

FID_D

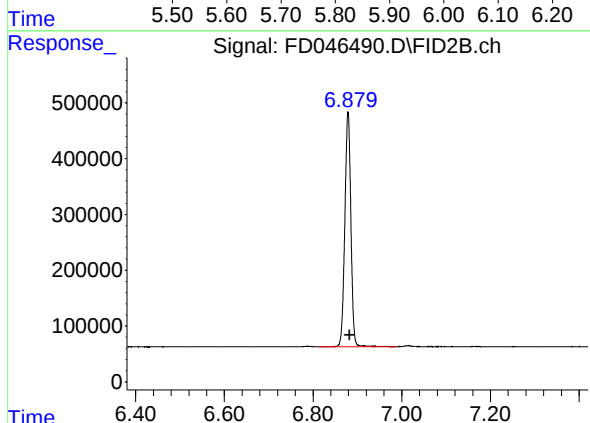
ClientSampleId :

20 PPM AROMATIC HC STD ICV



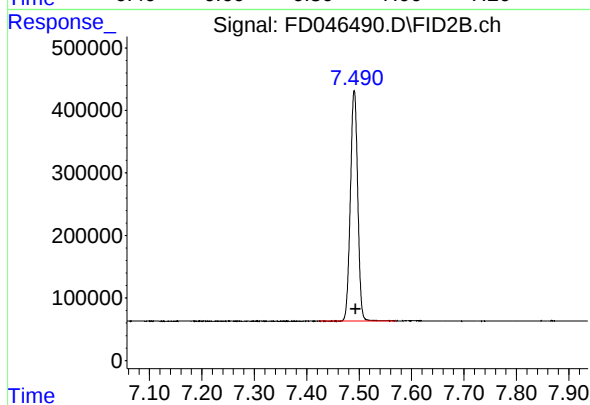
#2 Naphthalene (C11.7)

R.T.: 5.831 min
Delta R.T.: -0.002 min
Response: 3931154
Conc: 20.34 ug/ml



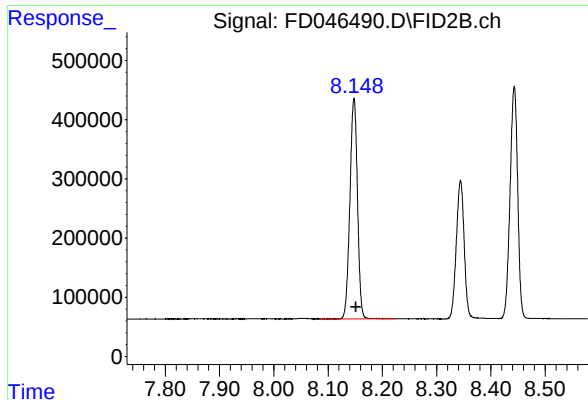
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.879 min
Delta R.T.: -0.003 min
Response: 3976478
Conc: 20.52 ug/ml



#4 2-Bromonaphthalene (SURR)

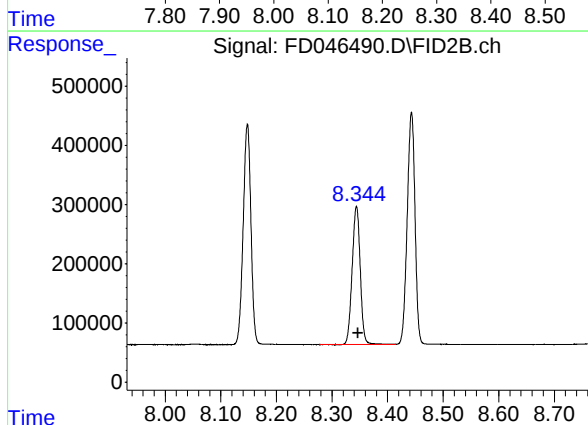
R.T.: 7.491 min
Delta R.T.: -0.003 min
Response: 3593349
Conc: 20.39 ug/ml



#5 Acenaphthylene (C15.06)

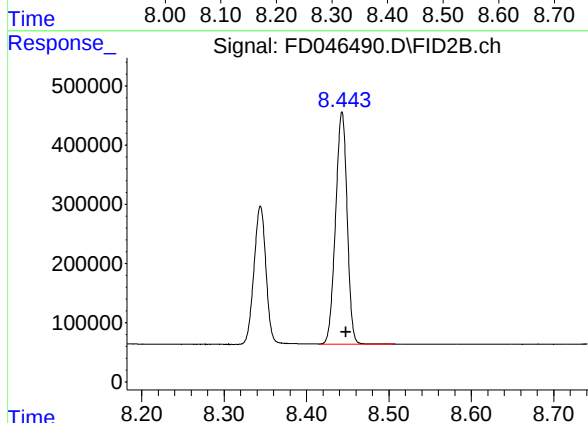
R.T.: 8.148 min
Delta R.T.: -0.004 min
Response: 3611342
Conc: 20.48 ug/ml

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20 PPM AROMATIC HC STD ICV



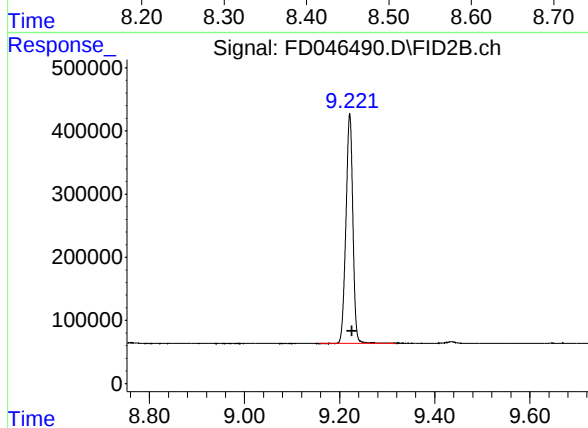
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.344 min
Delta R.T.: -0.003 min
Response: 2368186
Conc: 20.44 ug/ml



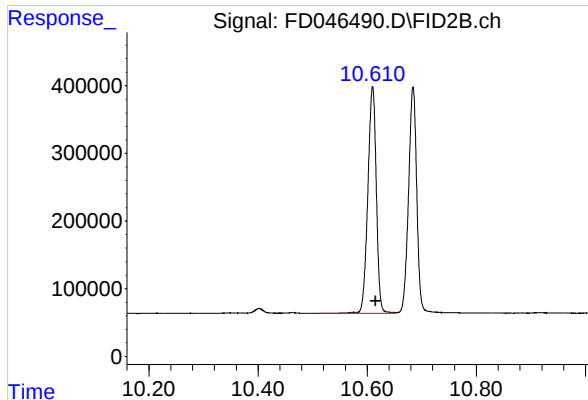
#7 Acenaphthene (C15.5)

R.T.: 8.443 min
Delta R.T.: -0.005 min
Response: 3828710
Conc: 20.38 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.221 min
Delta R.T.: -0.005 min
Response: 3710467
Conc: 20.57 ug/ml



#9 Phenanthrene (C19.36)

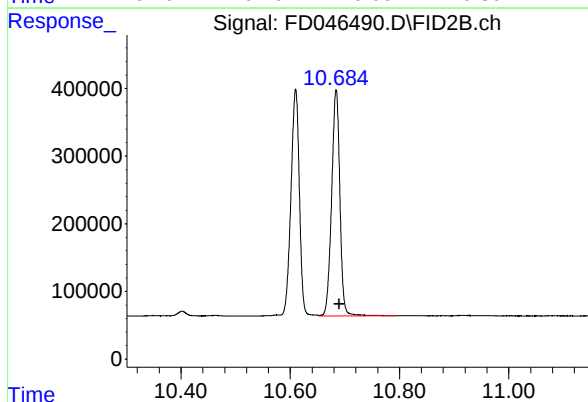
R.T.: 10.610 min
Delta R.T.: -0.006 min
Response: 3591591
Conc: 20.43 ug/ml

Instrument :

FID_D

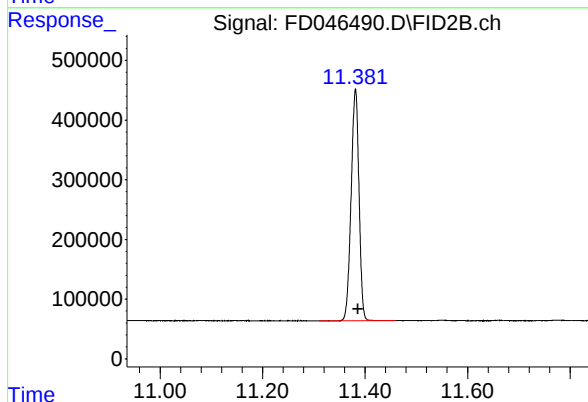
ClientSampleId :

20 PPM AROMATIC HC STD ICV



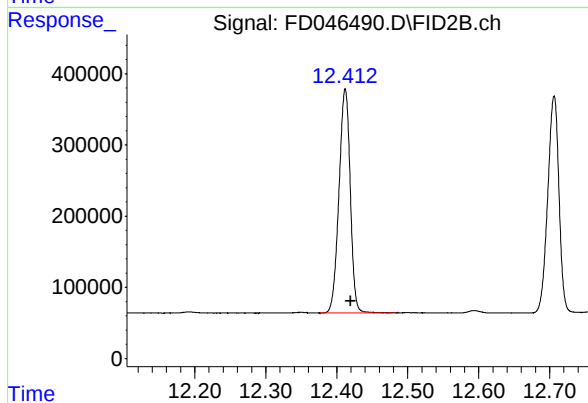
#10 Anthracene (C19.43)

R.T.: 10.684 min
Delta R.T.: -0.006 min
Response: 3502879
Conc: 22.81 ug/ml



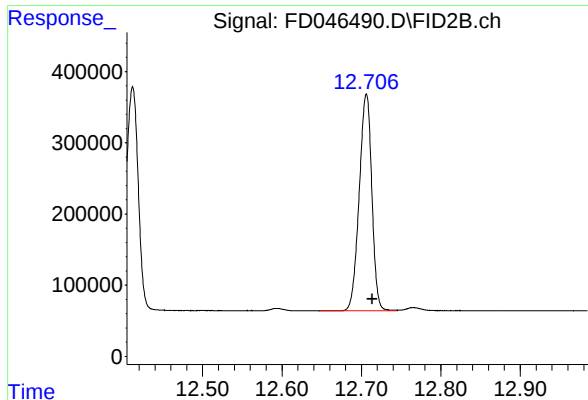
#11 ortho-Terphenyl (SURR)

R.T.: 11.381 min
Delta R.T.: -0.005 min
Response: 4144118
Conc: 20.34 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.412 min
Delta R.T.: -0.008 min
Response: 3464702
Conc: 20.33 ug/ml



#13 Pyrene (C20.8)

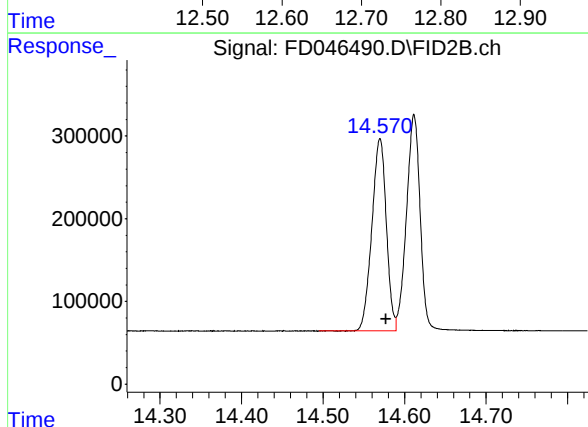
R.T.: 12.706 min
Delta R.T.: -0.007 min
Response: 3357804
Conc: 20.47 ug/ml

Instrument :

FID_D

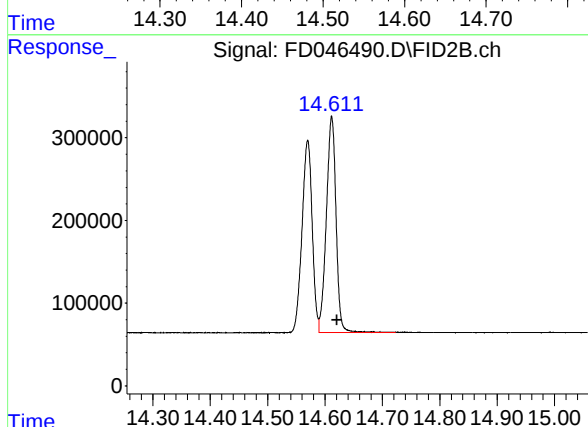
ClientSampleId :

20 PPM AROMATIC HC STD ICV



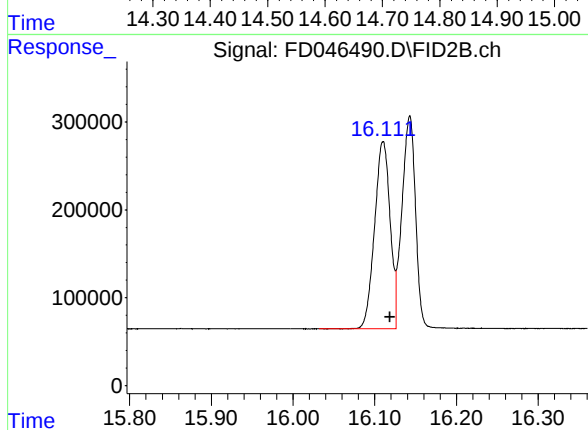
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.570 min
Delta R.T.: -0.007 min
Response: 2862790
Conc: 20.50 ug/ml



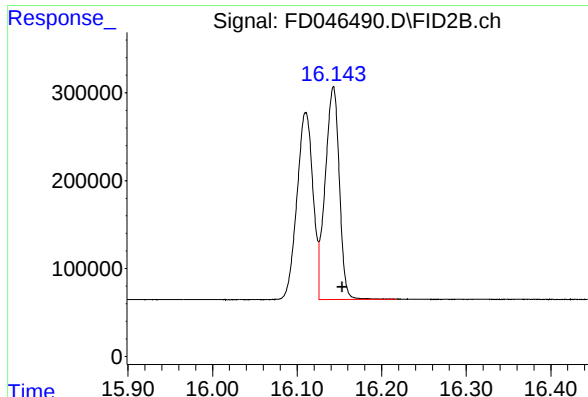
#15 Chrysene (C27.41)

R.T.: 14.612 min
Delta R.T.: -0.009 min
Response: 3071378
Conc: 20.23 ug/ml



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

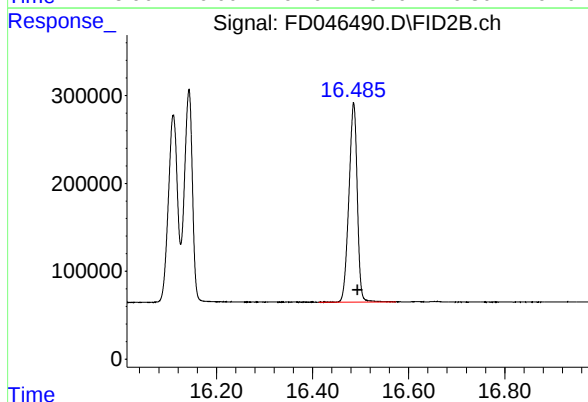
R.T.: 16.110 min
Delta R.T.: -0.009 min
Response: 2801244
Conc: 20.42 ug/ml



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

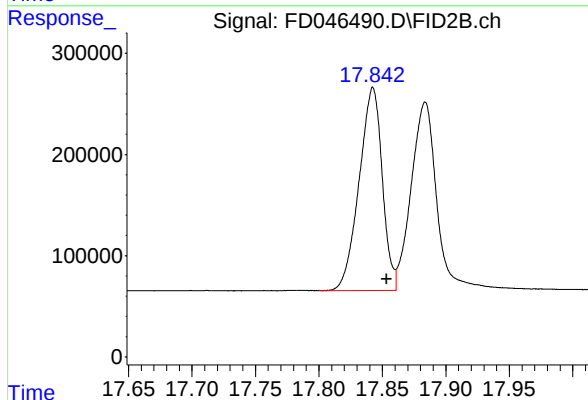
R.T.: 16.143 min
Delta R.T.: -0.011 min
Response: 2805089
Conc: 20.25 ug/ml

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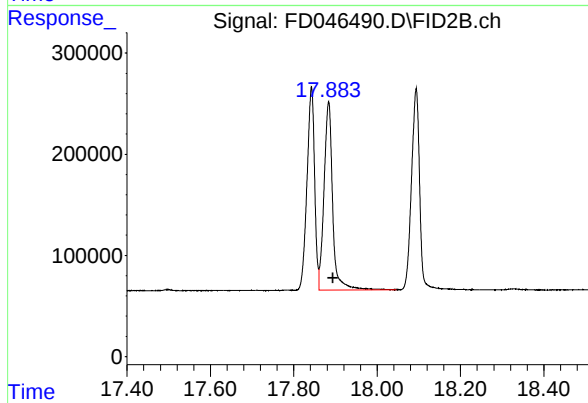
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.486 min
Delta R.T.: -0.009 min
Response: 2733504
Conc: 20.43 ug/ml



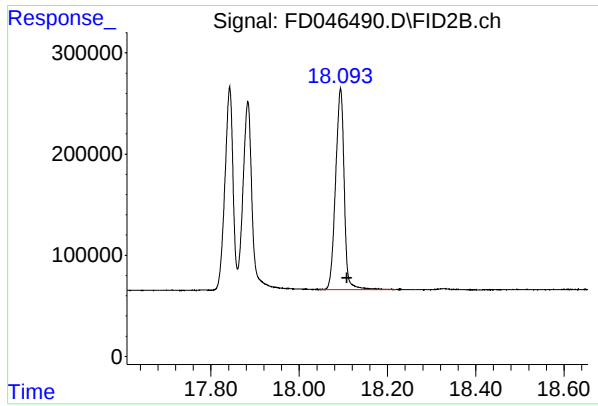
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.842 min
Delta R.T.: -0.011 min
Response: 2543356
Conc: 20.29 ug/ml



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

R.T.: 17.883 min
Delta R.T.: -0.011 min
Response: 2675699
Conc: 20.11 ug/ml



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

R.T.: 18.093 min

Delta R.T.: -0.015 min

Response: 2686407

Conc: 20.37 ug/ml

Instrument :

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