

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091523AR\
 Data File : FD046492.D
 Signal(s) : FID2B.ch
 Acq On : 14 Sep 2023 23:46
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Sep 15 01:51:12 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...	7.493	3652236	20.725 ug/ml
Spiked Amount 50.000		Recovery =	41.45%
6) S 2-Fluorobiphenyl (SURR)	8.346	2417383	20.865 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.73%
11) S ortho-Terphenyl (SURR)	11.384	4204499	20.638 ug/ml
Spiked Amount 50.000		Recovery =	41.28%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.308	3816989	20.666 ug/ml
2) T Naphthalene (C11.7)	5.834	3997776	20.689 ug/ml
3) T 2-Methylnaphthalene (...)	6.882	4047582	20.887 ug/ml
5) T Acenaphthylene (C15.06)	8.150	3675830	20.847 ug/ml
7) T Acenaphthene (C15.5)	8.445	3905766	20.787 ug/ml
8) T Fluorene (C16.55)	9.224	3756767	20.826 ug/ml
9) T Phenanthrene (C19.36)	10.612	3647300	20.744 ug/ml
10) T Anthracene (C19.43)	10.686	3557541	23.162 ug/ml
12) T Fluoranthene (C21.85)	12.415	3518260	20.642 ug/ml
13) T Pyrene (C20.8)	12.708	3406707	20.766 ug/ml
14) T Benzo[a]anthracene (C...	14.572	2893468	20.722 ug/ml
15) T Chrysene (C27.41)	14.613	3101271	20.430 ug/ml
16) T benzo[b]fluoranthene ...	16.113	2836012	20.676 ug/ml
17) T Bnezo[k]fluoranthene ...	16.145	2848451	20.563 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.487	2769893	20.705 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.843	2575062	20.543 ug/ml
20) T Dibenz[a,h]anthracene...	17.885	2722952	20.463 ug/ml
21) T Benzo[g,h,i]perylene ...	18.096	2724952	20.663 ug/ml

(f)=RT Delta > 1/2 Window

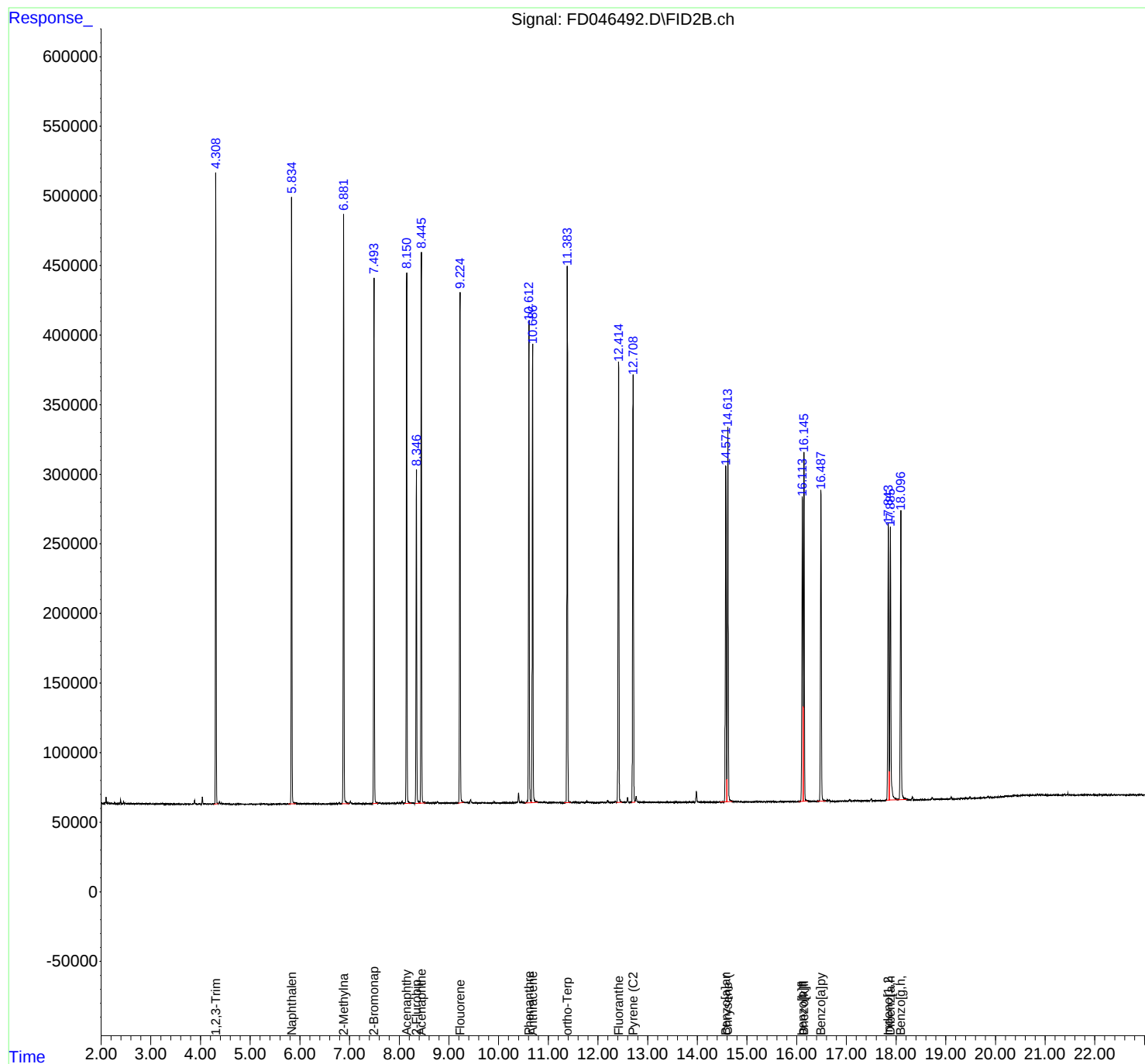
(m)=manual int.

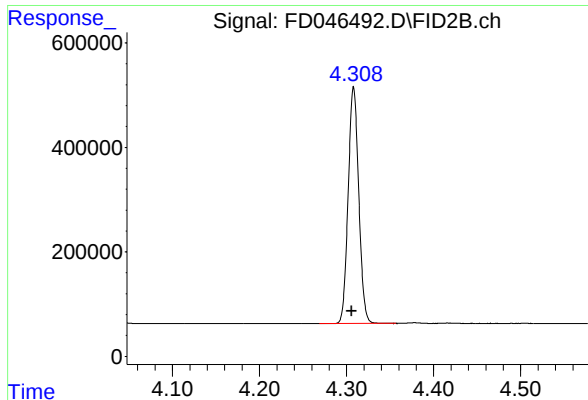
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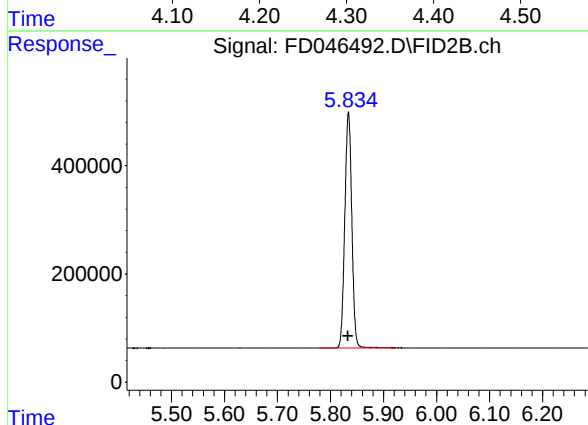




#1 1,2,3-Trimethylbenzene (C10.1)

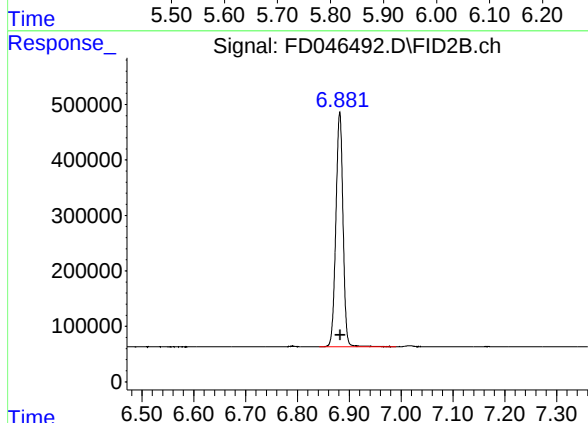
R.T.: 4.308 min
Delta R.T.: 0.002 min
Response: 3816989
Conc: 20.67 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



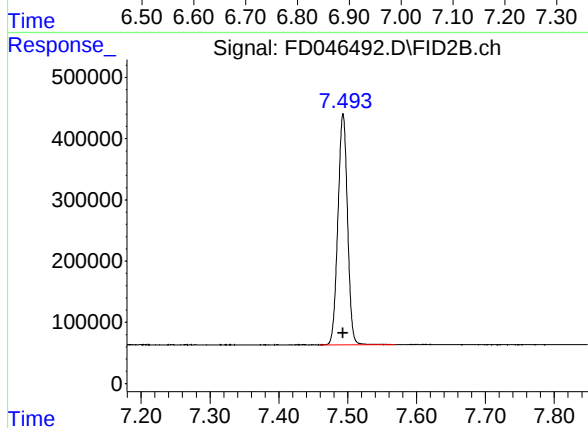
#2 Naphthalene (C11.7)

R.T.: 5.834 min
Delta R.T.: 0.000 min
Response: 3997776
Conc: 20.69 ug/ml



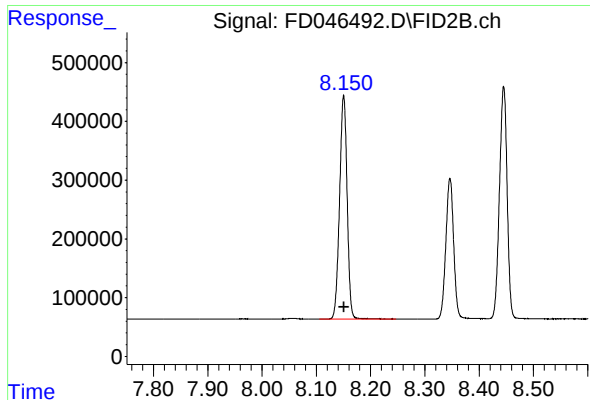
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.882 min
Delta R.T.: 0.000 min
Response: 4047582
Conc: 20.89 ug/ml



#4 2-Bromonaphthalene (SURR)

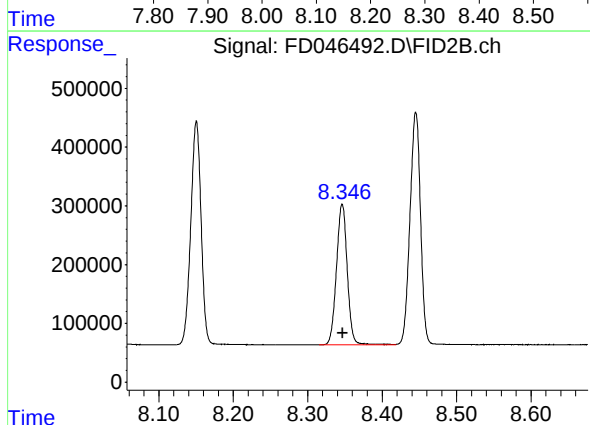
R.T.: 7.493 min
Delta R.T.: 0.000 min
Response: 3652236
Conc: 20.72 ug/ml



#5 Acenaphthylene (C15.06)

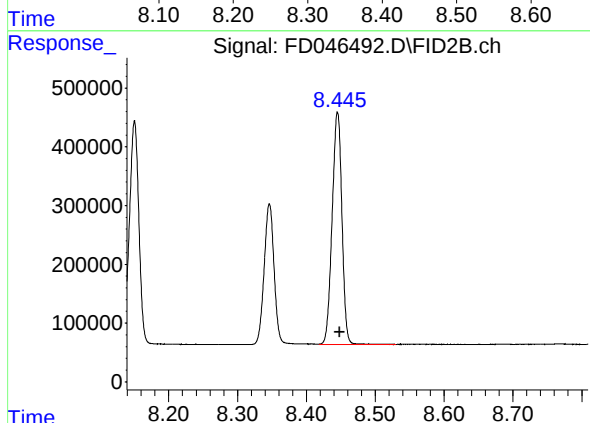
R.T.: 8.150 min
Delta R.T.: 0.000 min
Response: 3675830
Conc: 20.85 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



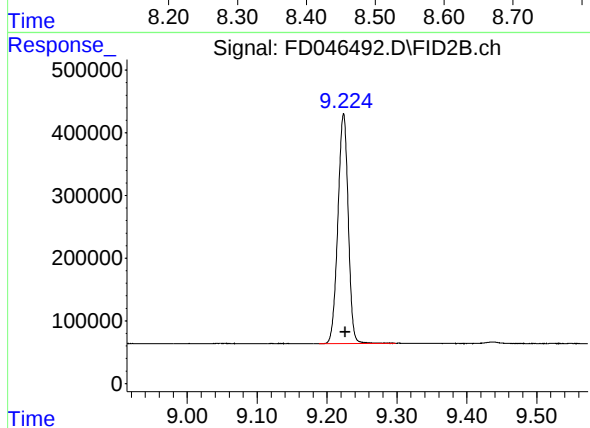
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.346 min
Delta R.T.: 0.000 min
Response: 2417383
Conc: 20.86 ug/ml



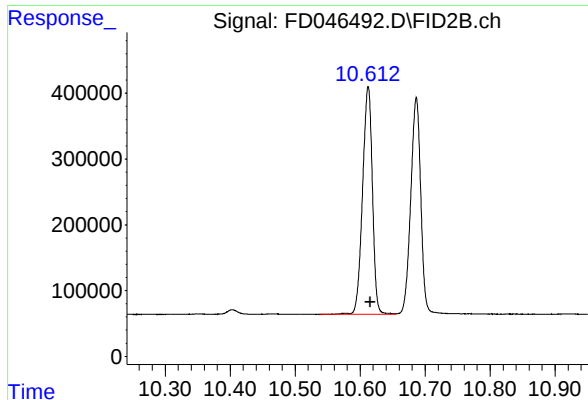
#7 Acenaphthene (C15.5)

R.T.: 8.445 min
Delta R.T.: -0.003 min
Response: 3905766
Conc: 20.79 ug/ml



#8 Fluorene (C16.55)

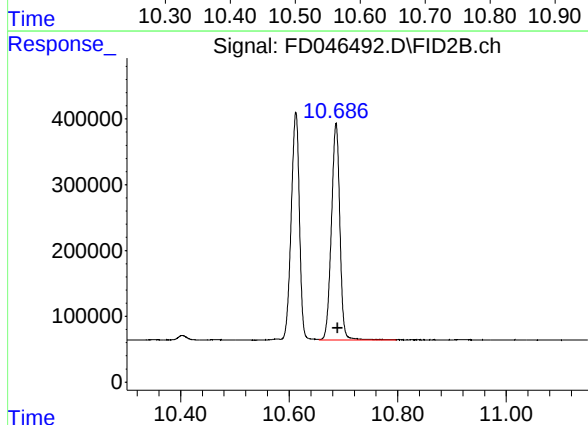
R.T.: 9.224 min
Delta R.T.: -0.003 min
Response: 3756767
Conc: 20.83 ug/ml



#9 Phenanthrene (C19.36)

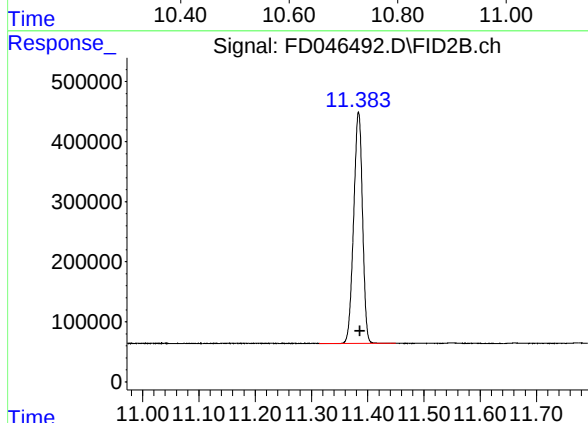
R.T.: 10.612 min
Delta R.T.: -0.003 min
Response: 3647300
Conc: 20.74 ug/ml

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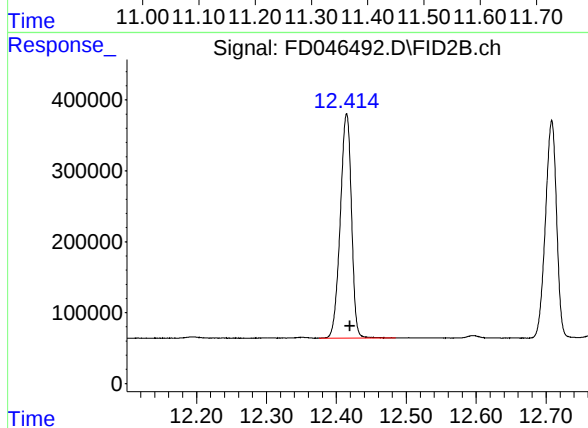
#10 Anthracene (C19.43)

R.T.: 10.686 min
Delta R.T.: -0.003 min
Response: 3557541
Conc: 23.16 ug/ml



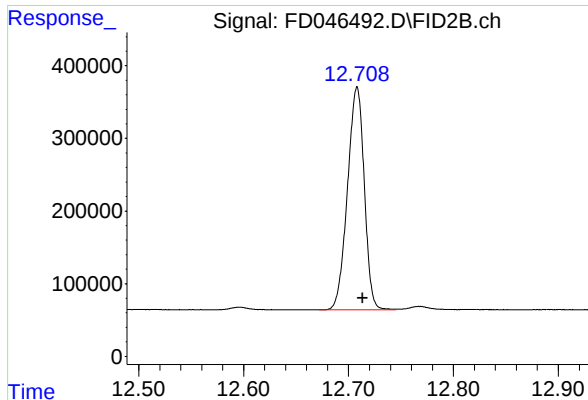
#11 ortho-Terphenyl (SURR)

R.T.: 11.384 min
Delta R.T.: -0.003 min
Response: 4204499
Conc: 20.64 ug/ml



#12 Fluoranthene (C21.85)

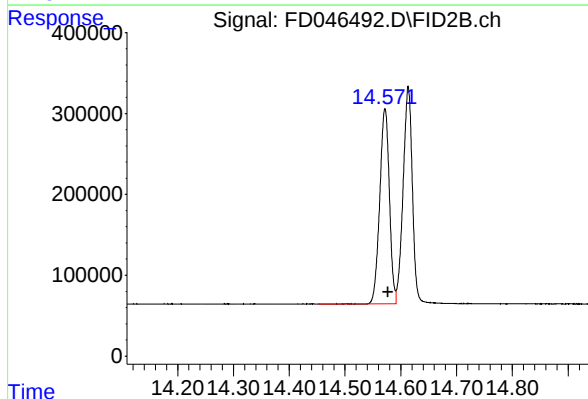
R.T.: 12.415 min
Delta R.T.: -0.005 min
Response: 3518260
Conc: 20.64 ug/ml



#13 Pyrene (C20.8)

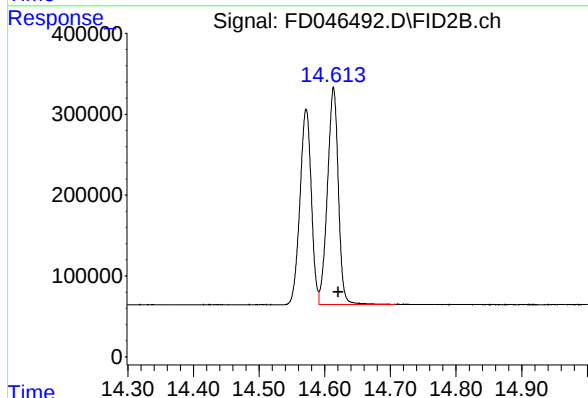
R.T.: 12.708 min
Delta R.T.: -0.006 min
Response: 3406707
Conc: 20.77 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



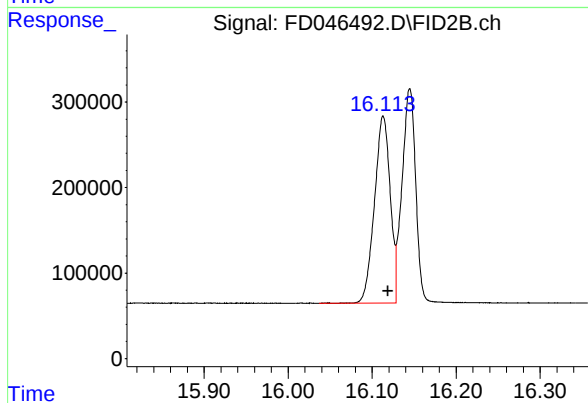
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.572 min
Delta R.T.: -0.005 min
Response: 2893468
Conc: 20.72 ug/ml



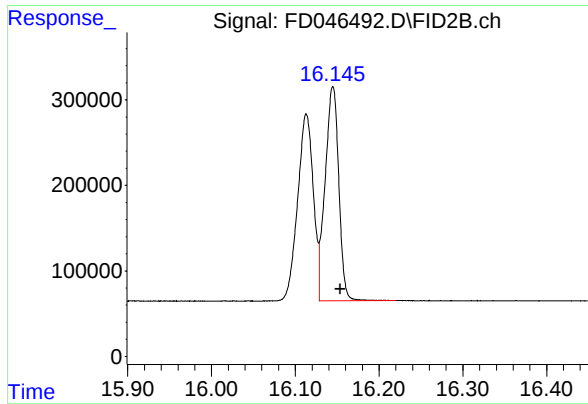
#15 Chrysene (C27.41)

R.T.: 14.613 min
Delta R.T.: -0.007 min
Response: 3101271
Conc: 20.43 ug/ml



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

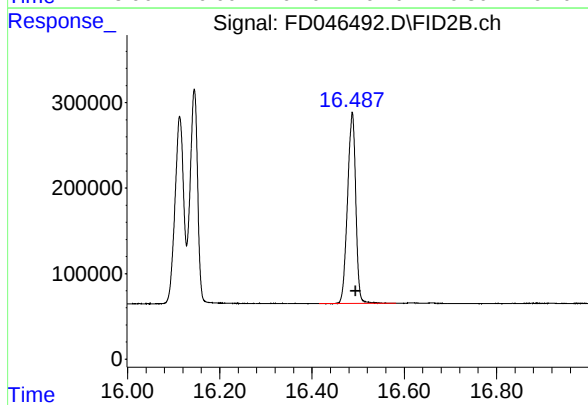
R.T.: 16.113 min
Delta R.T.: -0.006 min
Response: 2836012
Conc: 20.68 ug/ml



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

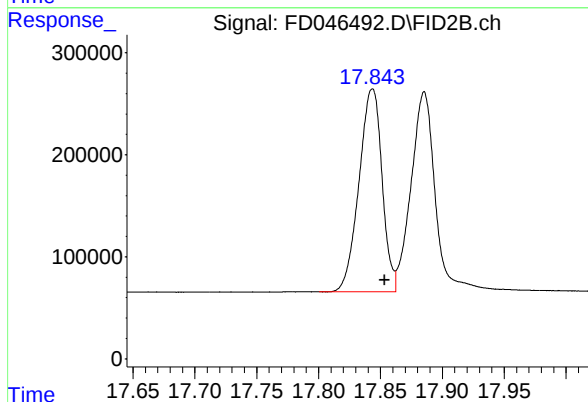
R.T.: 16.145 min
Delta R.T.: -0.009 min
Response: 2848451
Conc: 20.56 ug/ml

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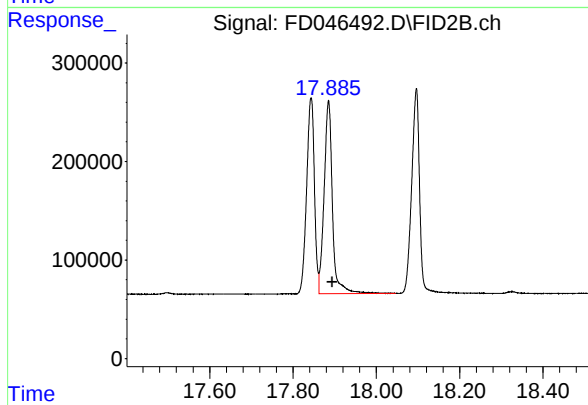
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.487 min
Delta R.T.: -0.007 min
Response: 2769893
Conc: 20.70 ug/ml



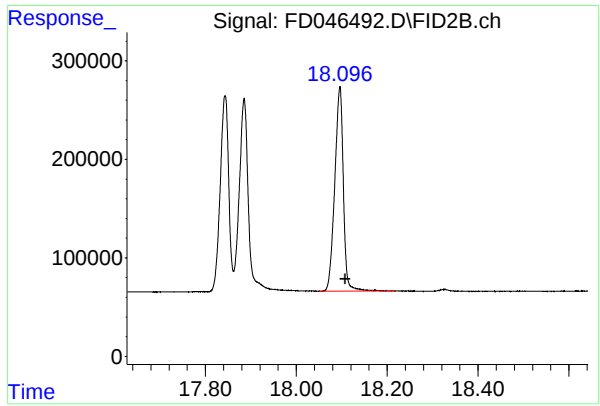
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.843 min
Delta R.T.: -0.010 min
Response: 2575062
Conc: 20.54 ug/ml



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

R.T.: 17.885 min
Delta R.T.: -0.009 min
Response: 2722952
Conc: 20.46 ug/ml



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

R.T.: 18.096 min

Delta R.T.: -0.013 min

Response: 2724952

Conc: 20.66 ug/ml

Instrument :

FID_D

ClientSampleId :

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