

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102023AR\
 Data File : FD046779.D
 Signal(s) : FID2B.ch
 Acq On : 20 Oct 2023 23:16
 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: Oct 21 00:46:10 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 101023.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 11 02:49:06 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...	7.485	4028567	21.702 ug/ml
Spiked Amount 50.000		Recovery =	43.40%
6) S 2-Fluorobiphenyl (SURR)	8.339	2612977	21.566 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.13%
11) S ortho-Terphenyl (SURR)	11.377	4634915	21.423 ug/ml
Spiked Amount 50.000		Recovery =	42.85%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.300	4195891	21.608 ug/ml
2) T Naphthalene (C11.7)	5.825	4392854	21.714 ug/ml
3) T 2-Methylnaphthalene (...)	6.874	4430472	21.690 ug/ml
5) T Acenaphthylene (C15.06)	8.142	3964866	21.479 ug/ml
7) T Acenaphthene (C15.5)	8.438	4287669	21.569 ug/ml
8) T Flouorene (C16.55)	9.216	4099415	21.536 ug/ml
9) T Phenanthrene (C19.36)	10.605	3915787	21.244 ug/ml
10) T Anthracene (C19.43)	10.678	2497206	19.101 ug/ml
12) T Fluoranthene (C21.85)	12.409	3904491	21.430 ug/ml
13) T Pyrene (C20.8)	12.703	3675296	20.958 ug/ml
14) T Benzo[a]anthracene (C...	14.566	2983590	20.373 ug/ml
15) T Chrysene (C27.41)	14.609	3353052	20.841 ug/ml
16) T benzo[b]fluoranthene ...	16.109	3119324	20.876 ug/ml
17) T Bnezo[k]fluoranthene ...	16.141	3139249	20.868 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.483	2941486	20.800 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.842	2845784	20.991 ug/ml
20) T Dibenz[a,h]anthracene...	17.883	3062324	21.673 ug/ml
21) T Benzo[g,h,i]perylene ...	18.094	3015554	21.437 ug/ml

(f)=RT Delta > 1/2 Window

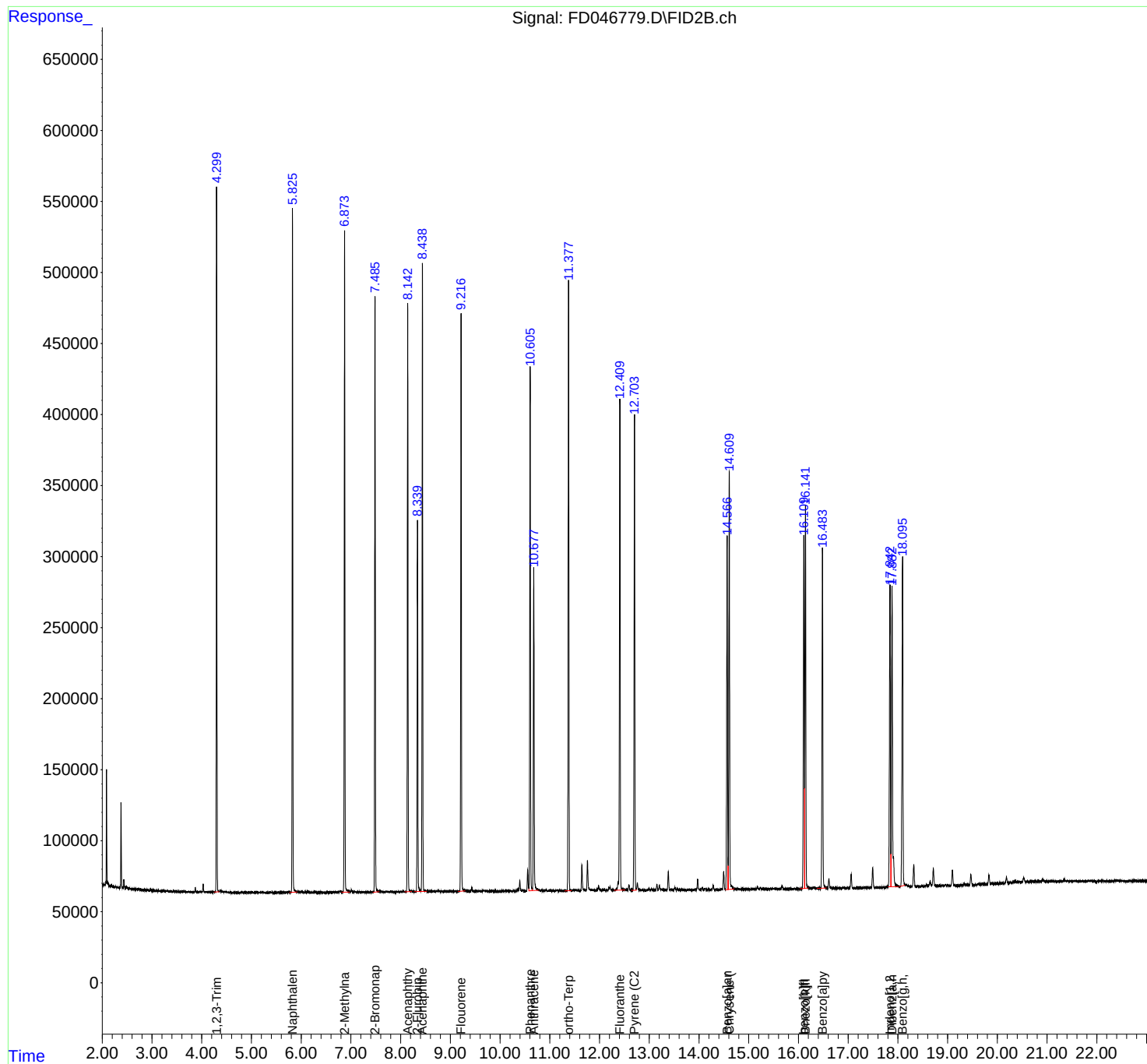
(m)=manual int.

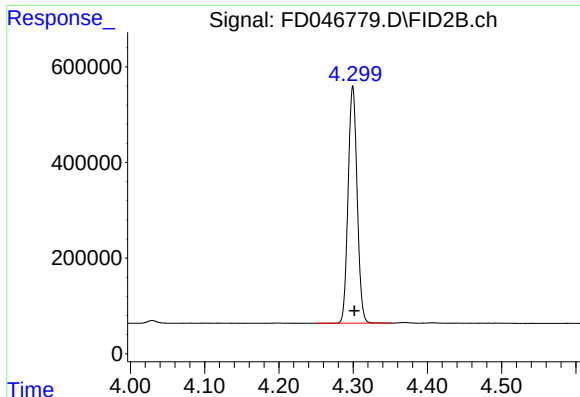
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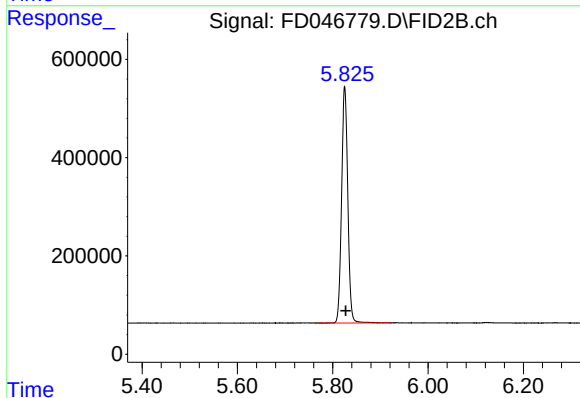




#1 1,2,3-Trimethylbenzene (C10.1)

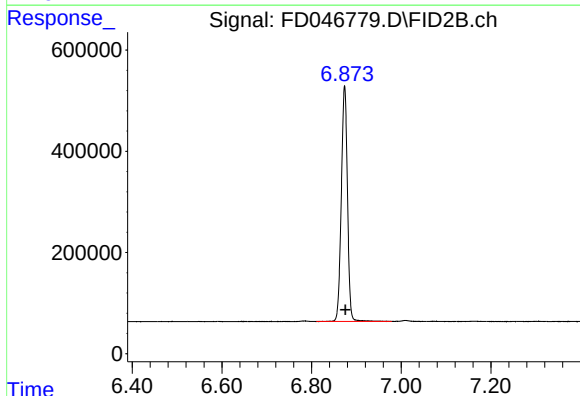
R.T.: 4.300 min
Delta R.T.: -0.002 min
Response: 4195891
Conc: 21.61 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



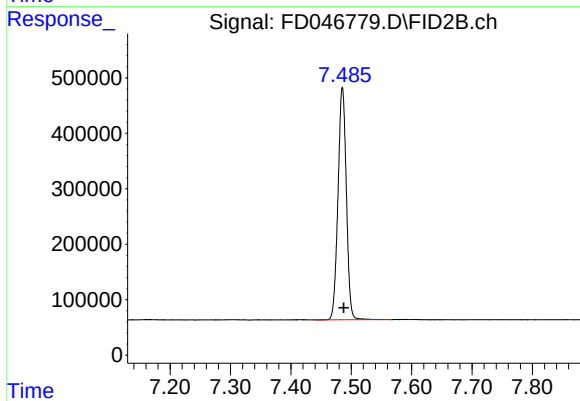
#2 Naphthalene (C11.7)

R.T.: 5.825 min
Delta R.T.: -0.002 min
Response: 4392854
Conc: 21.71 ug/ml



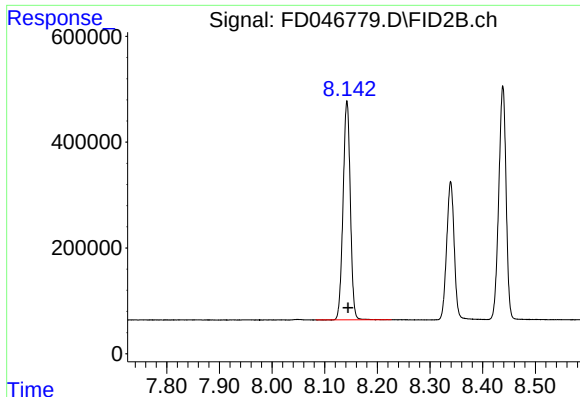
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.874 min
Delta R.T.: -0.002 min
Response: 4430472
Conc: 21.69 ug/ml



#4 2-Bromonaphthalene (SURR)

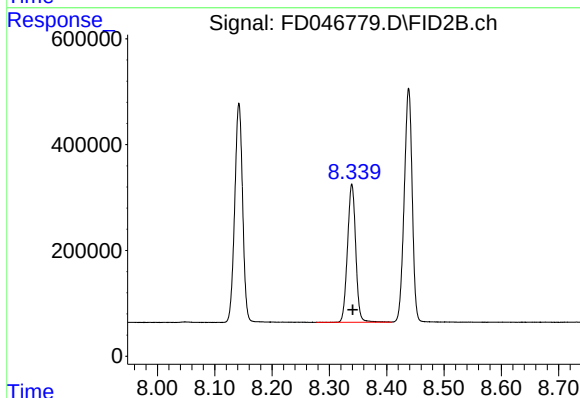
R.T.: 7.485 min
Delta R.T.: -0.002 min
Response: 4028567
Conc: 21.70 ug/ml



#5 Acenaphthylene (C15.06)

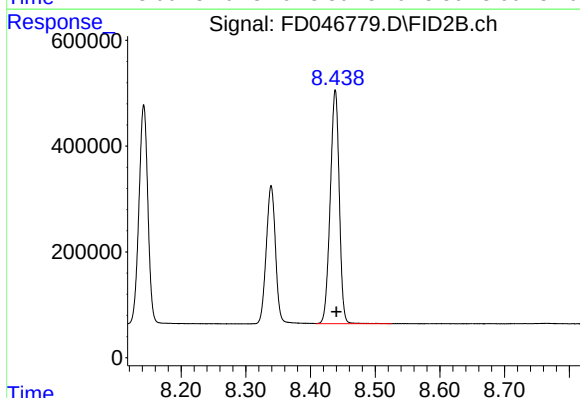
R.T.: 8.142 min
Delta R.T.: -0.002 min
Response: 3964866
Conc: 21.48 ug/ml

Instrument :
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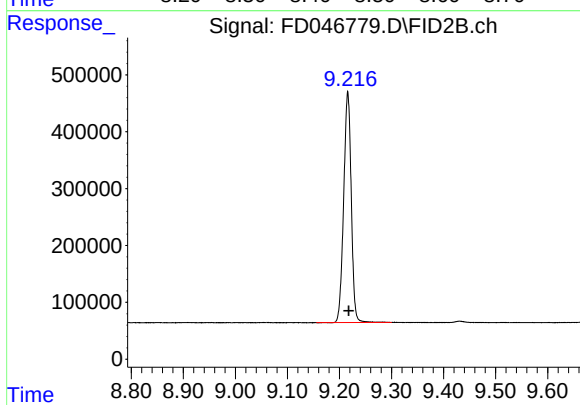
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.339 min
Delta R.T.: -0.002 min
Response: 2612977
Conc: 21.57 ug/ml



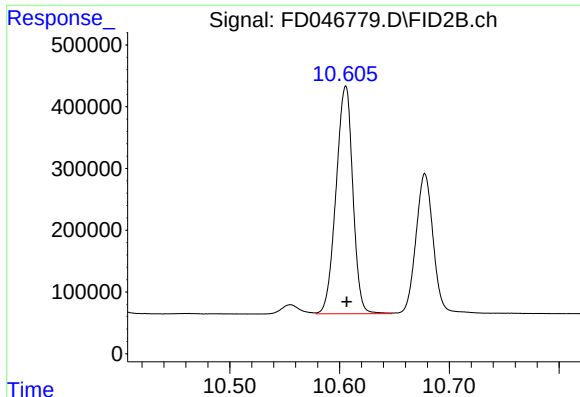
#7 Acenaphthene (C15.5)

R.T.: 8.438 min
Delta R.T.: -0.002 min
Response: 4287669
Conc: 21.57 ug/ml



#8 Fluorene (C16.55)

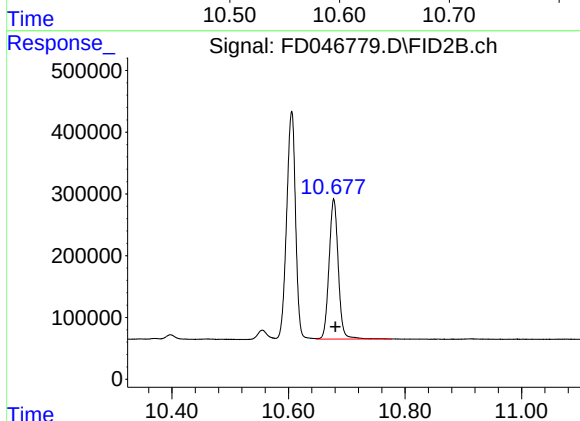
R.T.: 9.216 min
Delta R.T.: -0.002 min
Response: 4099415
Conc: 21.54 ug/ml



#9 Phenanthrene (C19.36)

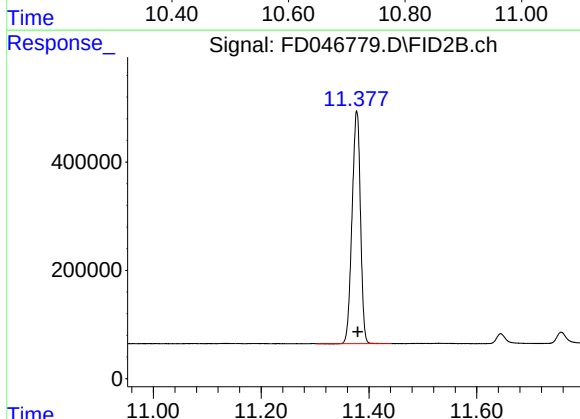
R.T.: 10.605 min
Delta R.T.: -0.001 min
Response: 3915787
Conc: 21.24 ug/ml

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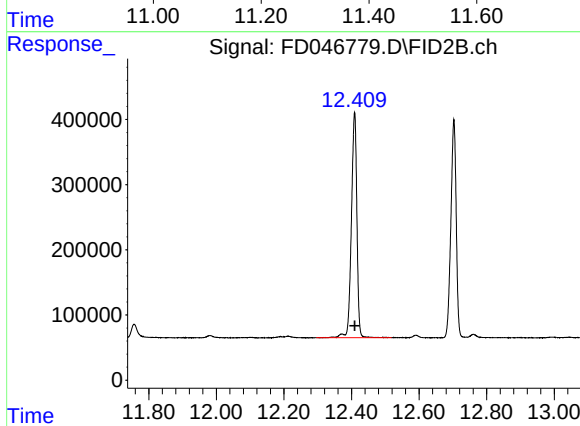
#10 Anthracene (C19.43)

R.T.: 10.678 min
Delta R.T.: -0.003 min
Response: 2497206
Conc: 19.10 ug/ml



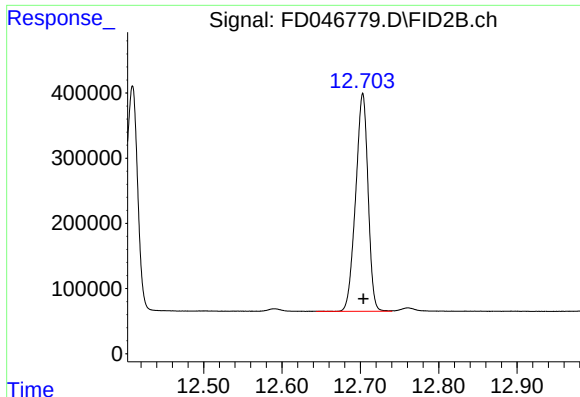
#11 ortho-Terphenyl (SURR)

R.T.: 11.377 min
Delta R.T.: -0.002 min
Response: 4634915
Conc: 21.42 ug/ml



#12 Fluoranthene (C21.85)

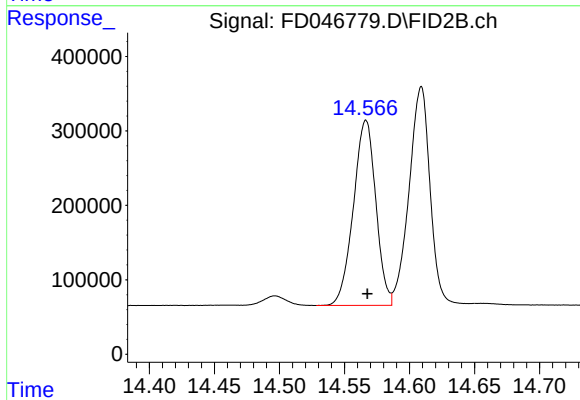
R.T.: 12.409 min
Delta R.T.: -0.001 min
Response: 3904491
Conc: 21.43 ug/ml



#13 Pyrene (C20.8)

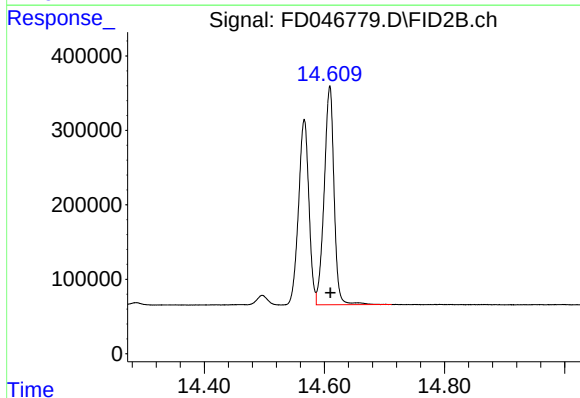
R.T.: 12.703 min
Delta R.T.: -0.001 min
Response: 3675296
Conc: 20.96 ug/ml

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20 PPM AROMATIC HC STD



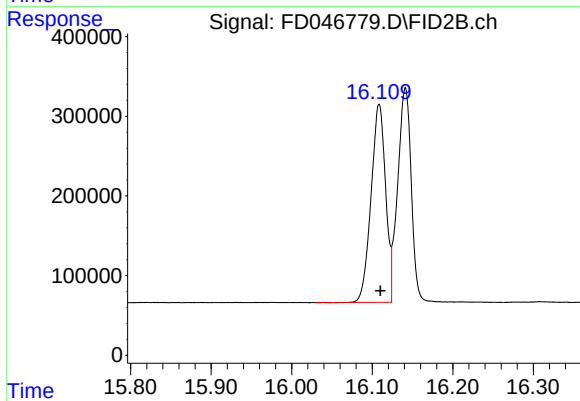
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.566 min
Delta R.T.: -0.001 min
Response: 2983590
Conc: 20.37 ug/ml



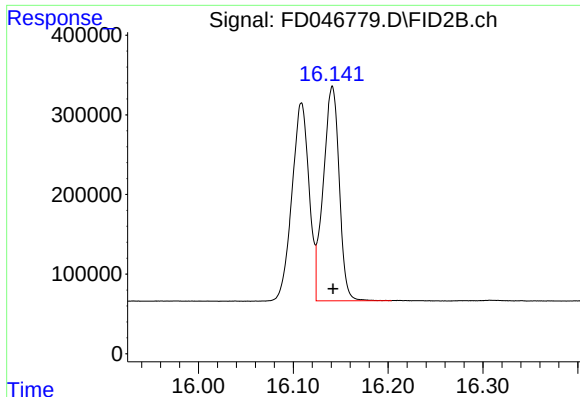
#15 Chrysene (C27.41)

R.T.: 14.609 min
Delta R.T.: -0.001 min
Response: 3353052
Conc: 20.84 ug/ml



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

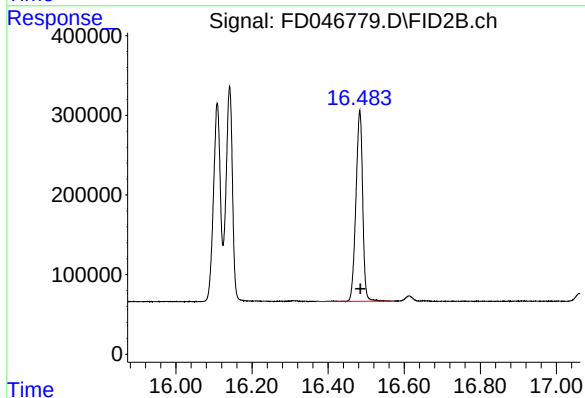
R.T.: 16.109 min
Delta R.T.: -0.002 min
Response: 3119324
Conc: 20.88 ug/ml



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

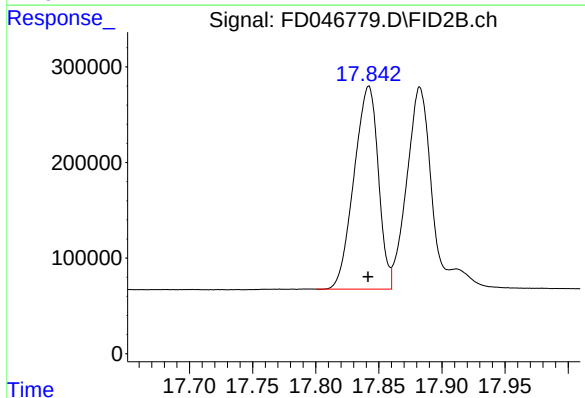
R.T.: 16.141 min
Delta R.T.: 0.000 min
Response: 3139249
Conc: 20.87 ug/ml

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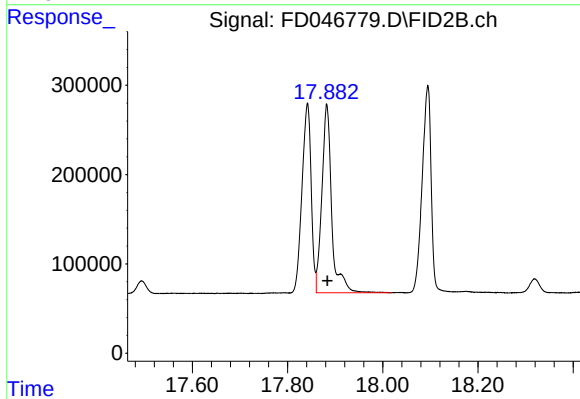
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.483 min
Delta R.T.: -0.002 min
Response: 2941486
Conc: 20.80 ug/ml



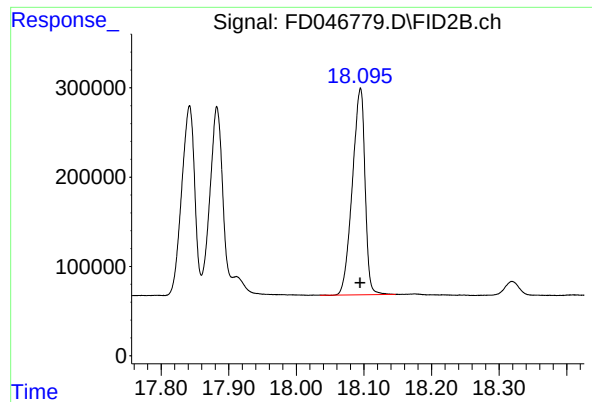
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.842 min
Delta R.T.: 0.000 min
Response: 2845784
Conc: 20.99 ug/ml



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

R.T.: 17.883 min
Delta R.T.: 0.000 min
Response: 3062324
Conc: 21.67 ug/ml



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

R.T.: 18.094 min
Delta R.T.: 0.000 min
Response: 3015554
Conc: 21.44 ug/ml

Instrument :

FID_D

ClientSampleId :

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