

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041423AR\
 Data File : FD045485.D
 Signal(s) : FID2B.ch
 Acq On : 14 Apr 2023 12:04
 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: Apr 15 03:23:54 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 0302823.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 28 05:56:14 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...	7.543	3066498	22.382 ug/ml
Spiked Amount 50.000		Recovery =	44.76%
6) S 2-Fluorobiphenyl (SURR)	8.399	1978918	22.074 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	44.15%
11) S ortho-Terphenyl (SURR)	11.438	3837077	22.054 ug/ml
Spiked Amount 50.000		Recovery =	44.11%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.351	3535147	22.693 ug/ml
2) T Naphthalene (C11.7)	5.882	3620612	22.529 ug/ml
3) T 2-Methylnaphthalene (...)	6.932	3578256	22.353 ug/ml
5) T Acenaphthylene (C15.06)	8.203	3240092	22.129 ug/ml
7) T Acenaphthene (C15.5)	8.499	3456682	22.286 ug/ml
8) T Fluorene (C16.55)	9.277	3261902	21.997 ug/ml
9) T Phenanthrene (C19.36)	10.667	3209030	22.153 ug/ml
10) T Anthracene (C19.43)	10.741	2870354	20.766 ug/ml
12) T Fluoranthene (C21.85)	12.471	3134380	21.786 ug/ml
13) T Pyrene (C20.8)	12.767	3119059	22.184 ug/ml
14) T Benzo[a]anthracene (C...	14.631	2788657	21.745 ug/ml
15) T Chrysene (C27.41)	14.673	2933477	22.122 ug/ml
16) T benzo[b]fluoranthene ...	16.172	2866474	22.066 ug/ml
17) T Bnezo[k]fluoranthene ...	16.204	2794947	22.068 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.548	2743517	21.821 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.904	2548956	21.536 ug/ml
20) T Dibenz[a,h]anthracene...	17.947	2617705	21.973 ug/ml
21) T Benzo[g,h,i]perylene ...	18.158	2723426	21.803 ug/ml

(f)=RT Delta > 1/2 Window

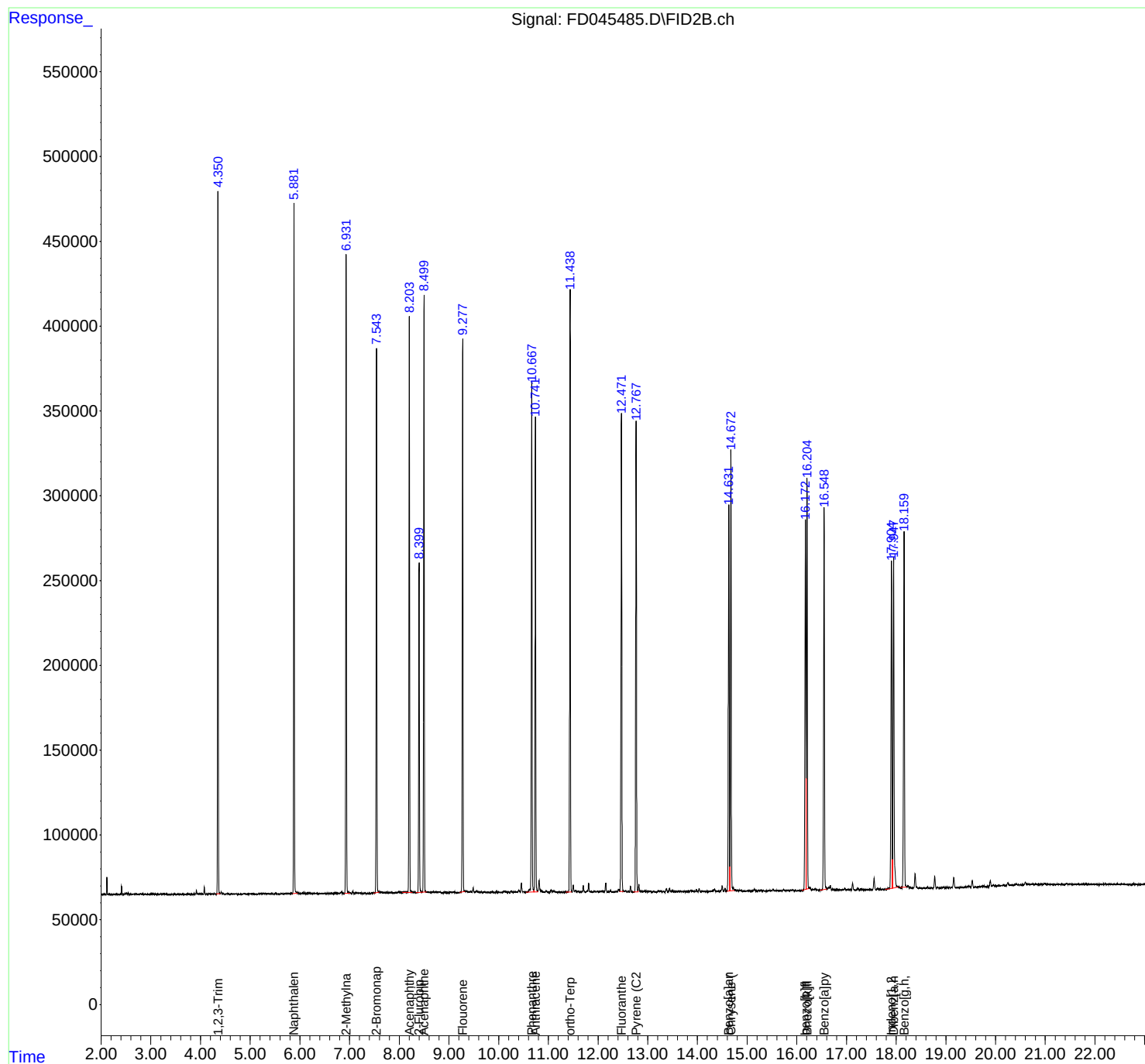
(m)=manual int.

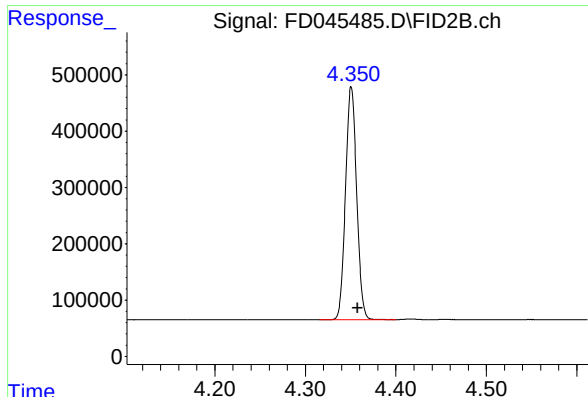
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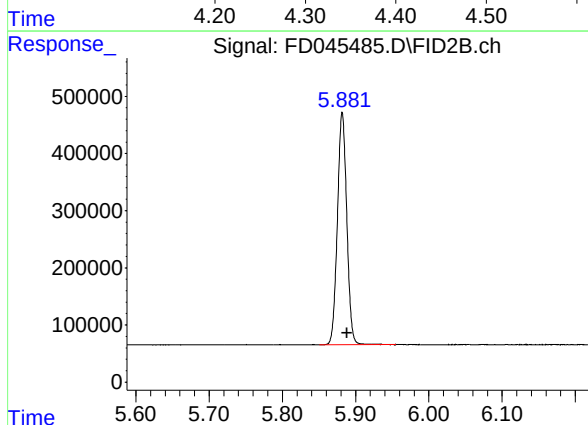




#1 1,2,3-Trimethylbenzene (C10.1)

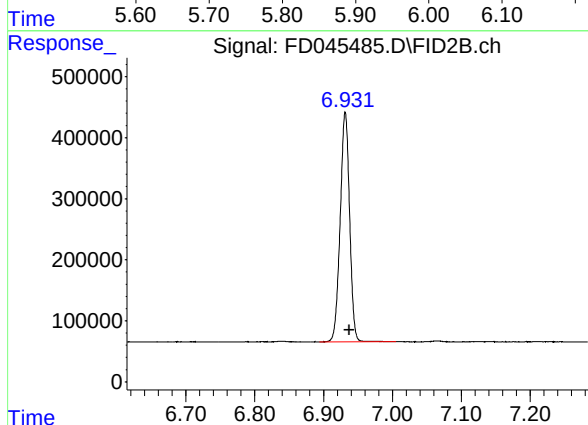
R.T.: 4.351 min
Delta R.T.: -0.007 min
Response: 3535147
Conc: 22.69 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



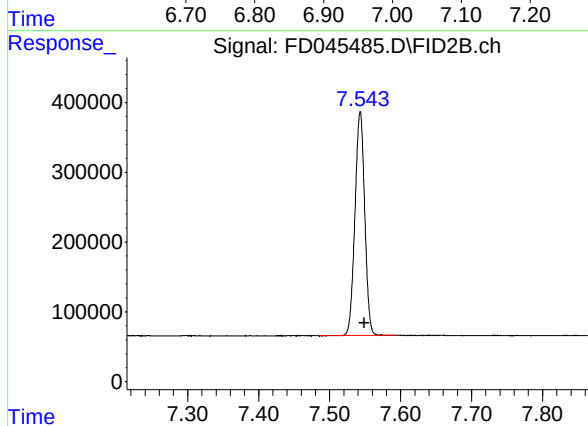
#2 Naphthalene (C11.7)

R.T.: 5.882 min
Delta R.T.: -0.006 min
Response: 3620612
Conc: 22.53 ug/ml



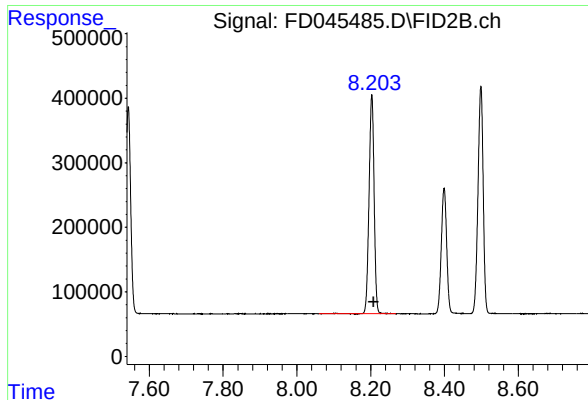
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.932 min
Delta R.T.: -0.006 min
Response: 3578256
Conc: 22.35 ug/ml



#4 2-Bromonaphthalene (SURR)

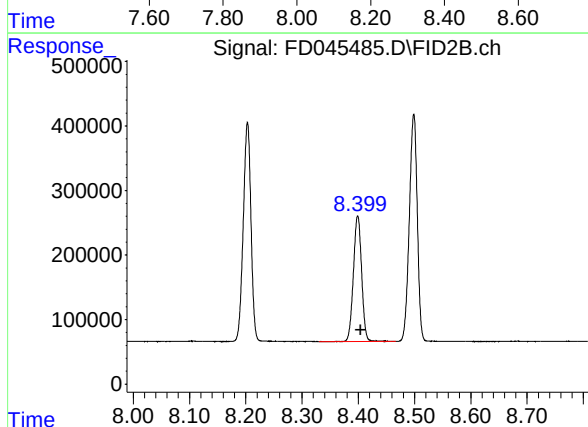
R.T.: 7.543 min
Delta R.T.: -0.006 min
Response: 3066498
Conc: 22.38 ug/ml



#5 Acenaphthylene (C15.06)

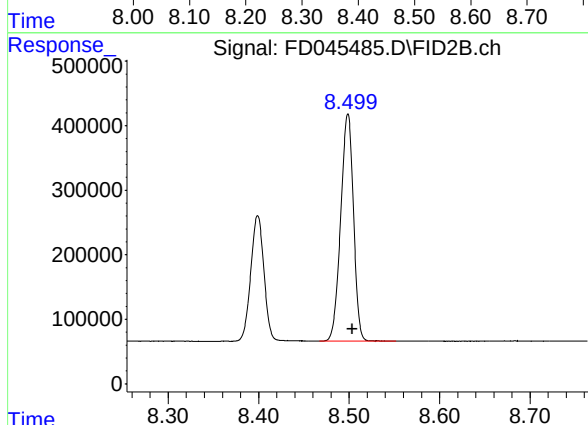
R.T.: 8.203 min
Delta R.T.: -0.005 min
Response: 3240092
Conc: 22.13 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



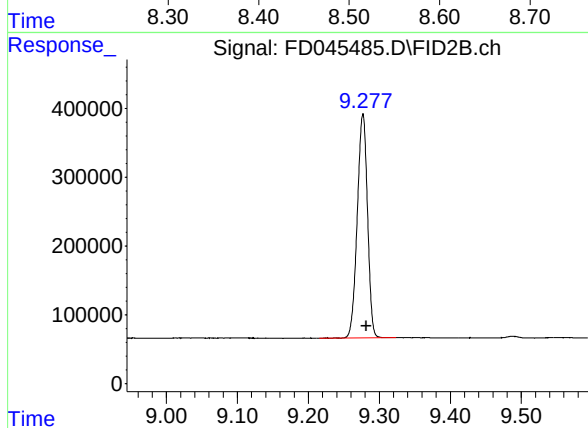
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.399 min
Delta R.T.: -0.005 min
Response: 1978918
Conc: 22.07 ug/ml



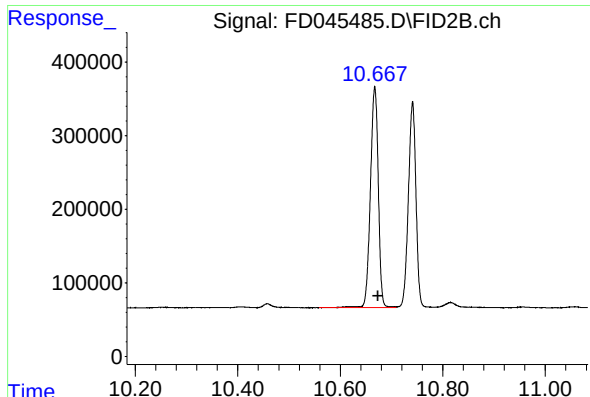
#7 Acenaphthene (C15.5)

R.T.: 8.499 min
Delta R.T.: -0.005 min
Response: 3456682
Conc: 22.29 ug/ml



#8 Fluorene (C16.55)

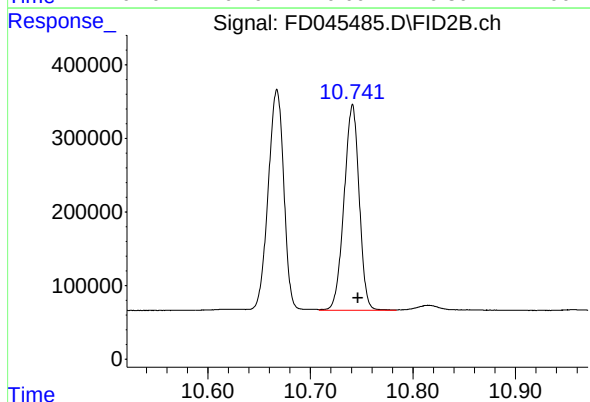
R.T.: 9.277 min
Delta R.T.: -0.005 min
Response: 3261902
Conc: 22.00 ug/ml



#9 Phenanthrene (C19.36)

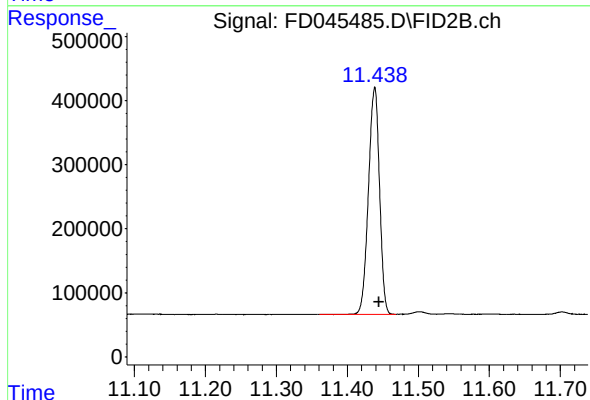
R.T.: 10.667 min
Delta R.T.: -0.006 min
Response: 3209030
Conc: 22.15 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



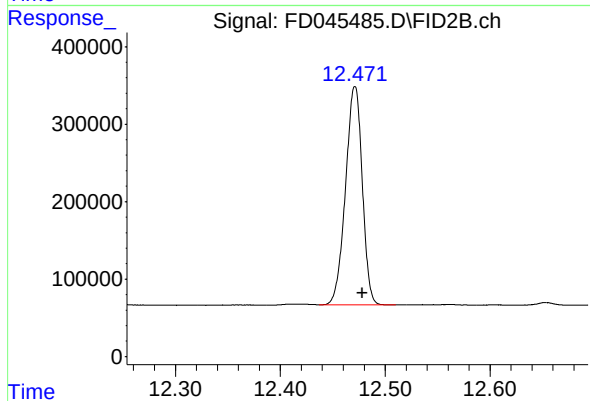
#10 Anthracene (C19.43)

R.T.: 10.741 min
Delta R.T.: -0.006 min
Response: 2870354
Conc: 20.77 ug/ml



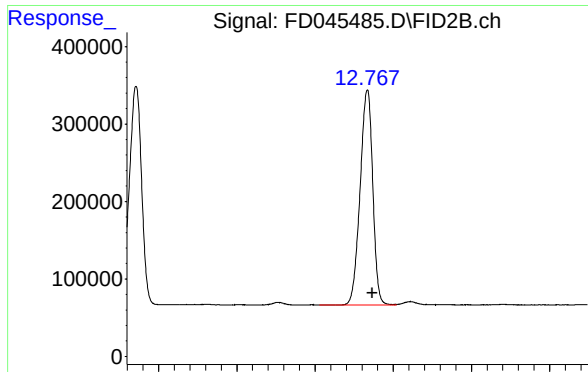
#11 ortho-Terphenyl (SURR)

R.T.: 11.438 min
Delta R.T.: -0.006 min
Response: 3837077
Conc: 22.05 ug/ml



#12 Fluoranthene (C21.85)

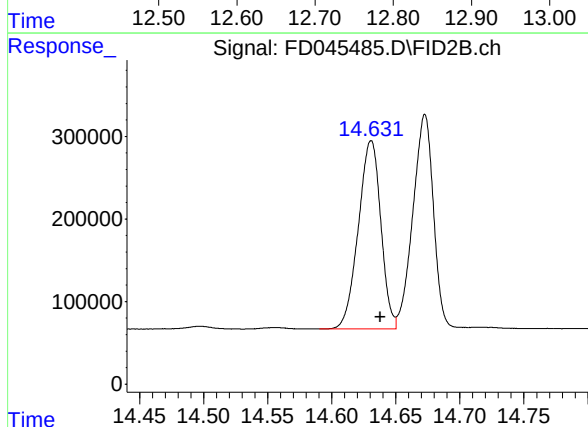
R.T.: 12.471 min
Delta R.T.: -0.007 min
Response: 3134380
Conc: 21.79 ug/ml



#13 Pyrene (C20.8)

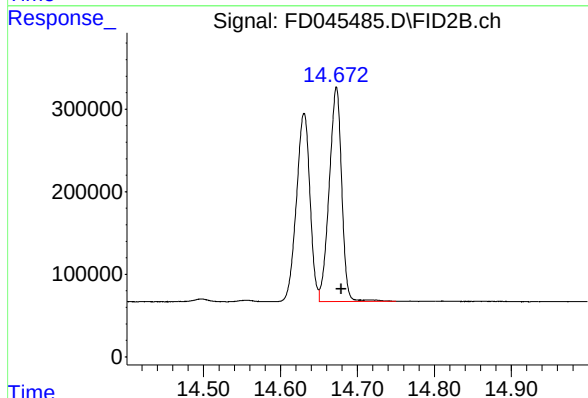
R.T.: 12.767 min
Delta R.T.: -0.006 min
Response: 3119059
Conc: 22.18 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



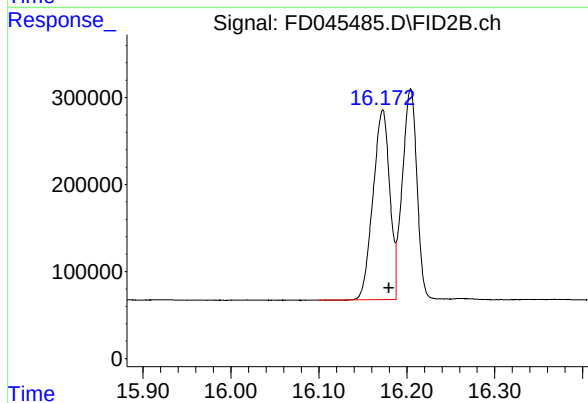
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.631 min
Delta R.T.: -0.007 min
Response: 2788657
Conc: 21.75 ug/ml



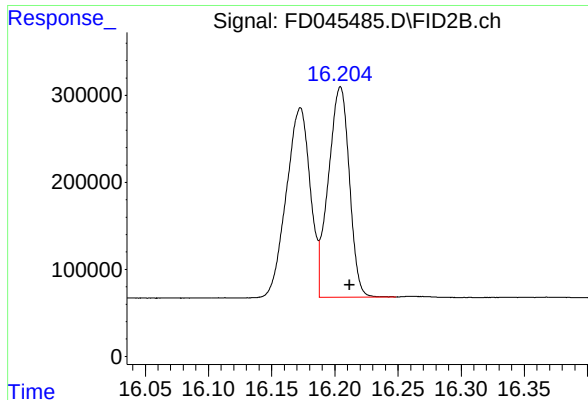
#15 Chrysene (C27.41)

R.T.: 14.673 min
Delta R.T.: -0.007 min
Response: 2933477
Conc: 22.12 ug/ml



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

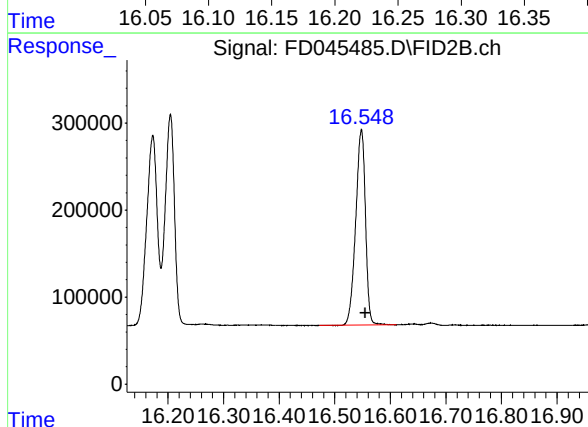
R.T.: 16.172 min
Delta R.T.: -0.007 min
Response: 2866474
Conc: 22.07 ug/ml



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

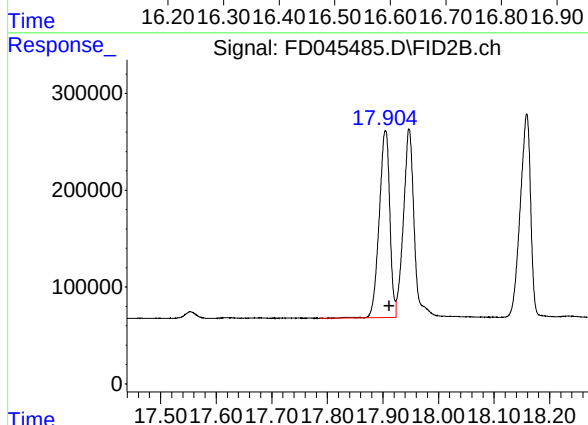
R.T.: 16.204 min
Delta R.T.: -0.008 min
Response: 2794947
Conc: 22.07 ug/ml

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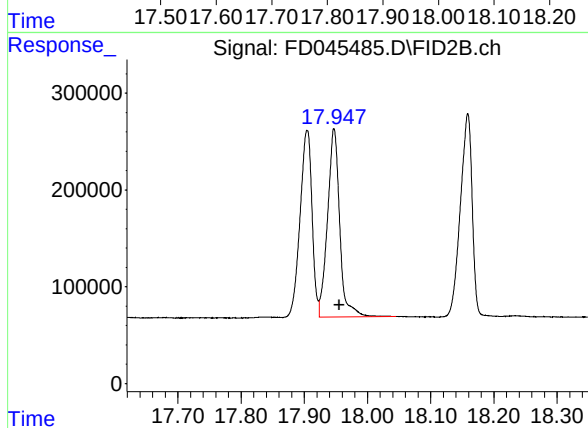
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.548 min
Delta R.T.: -0.007 min
Response: 2743517
Conc: 21.82 ug/ml



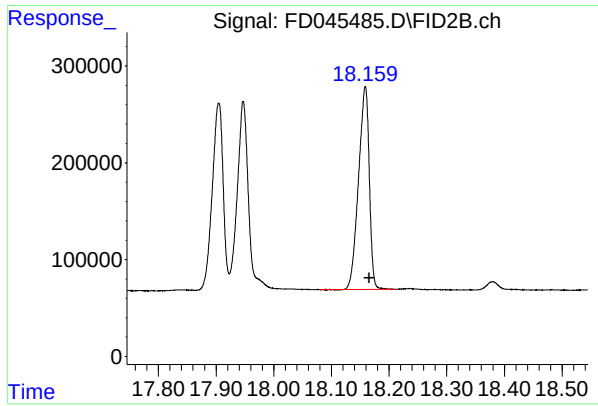
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.904 min
Delta R.T.: -0.007 min
Response: 2548956
Conc: 21.54 ug/ml



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

R.T.: 17.947 min
Delta R.T.: -0.008 min
Response: 2617705
Conc: 21.97 ug/ml



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

R.T.: 18.158 min

Delta R.T.: -0.007 min

Response: 2723426

Conc: 21.80 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD