

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041323AR\
 Data File : FD045482.D
 Signal(s) : FID2B.ch
 Acq On : 13 Apr 2023 11:45
 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 14 02:21:59 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...	7.544	2922624	21.332 ug/ml
Spiked Amount 50.000		Recovery =	42.66%
6) S 2-Fluorobiphenyl (SURR)	8.399	1902308	21.220 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.44%
11) S ortho-Terphenyl (SURR)	11.440	3672476	21.108 ug/ml
Spiked Amount 50.000		Recovery =	42.22%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.350	3313390	21.269 ug/ml
2) T Naphthalene (C11.7)	5.883	3424984	21.312 ug/ml
3) T 2-Methylnaphthalene (...)	6.933	3410527	21.305 ug/ml
5) T Acenaphthylene (C15.06)	8.203	3079816	21.035 ug/ml
7) T Acenaphthene (C15.5)	8.499	3293499	21.234 ug/ml
8) T Fluorene (C16.55)	9.277	3151569	21.253 ug/ml
9) T Phenanthrene (C19.36)	10.668	3069526	21.190 ug/ml
10) T Anthracene (C19.43)	10.742	2843706	20.573 ug/ml
12) T Fluoranthene (C21.85)	12.473	3018777	20.982 ug/ml
13) T Pyrene (C20.8)	12.767	2993399	21.290 ug/ml
14) T Benzo[a]anthracene (C...	14.632	2650991	20.672 ug/ml
15) T Chrysene (C27.41)	14.674	2767685	20.872 ug/ml
16) T benzo[b]fluoranthene ...	16.174	2703154	20.809 ug/ml
17) T Bnezo[k]fluoranthene ...	16.206	2642037	20.860 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.549	2594060	20.632 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.905	2274982	19.221 ug/ml
20) T Dibenz[a,h]anthracene...	17.947	2228747	18.708 ug/ml
21) T Benzo[g,h,i]perylene ...	18.158	2503493	20.042 ug/ml

(f)=RT Delta > 1/2 Window

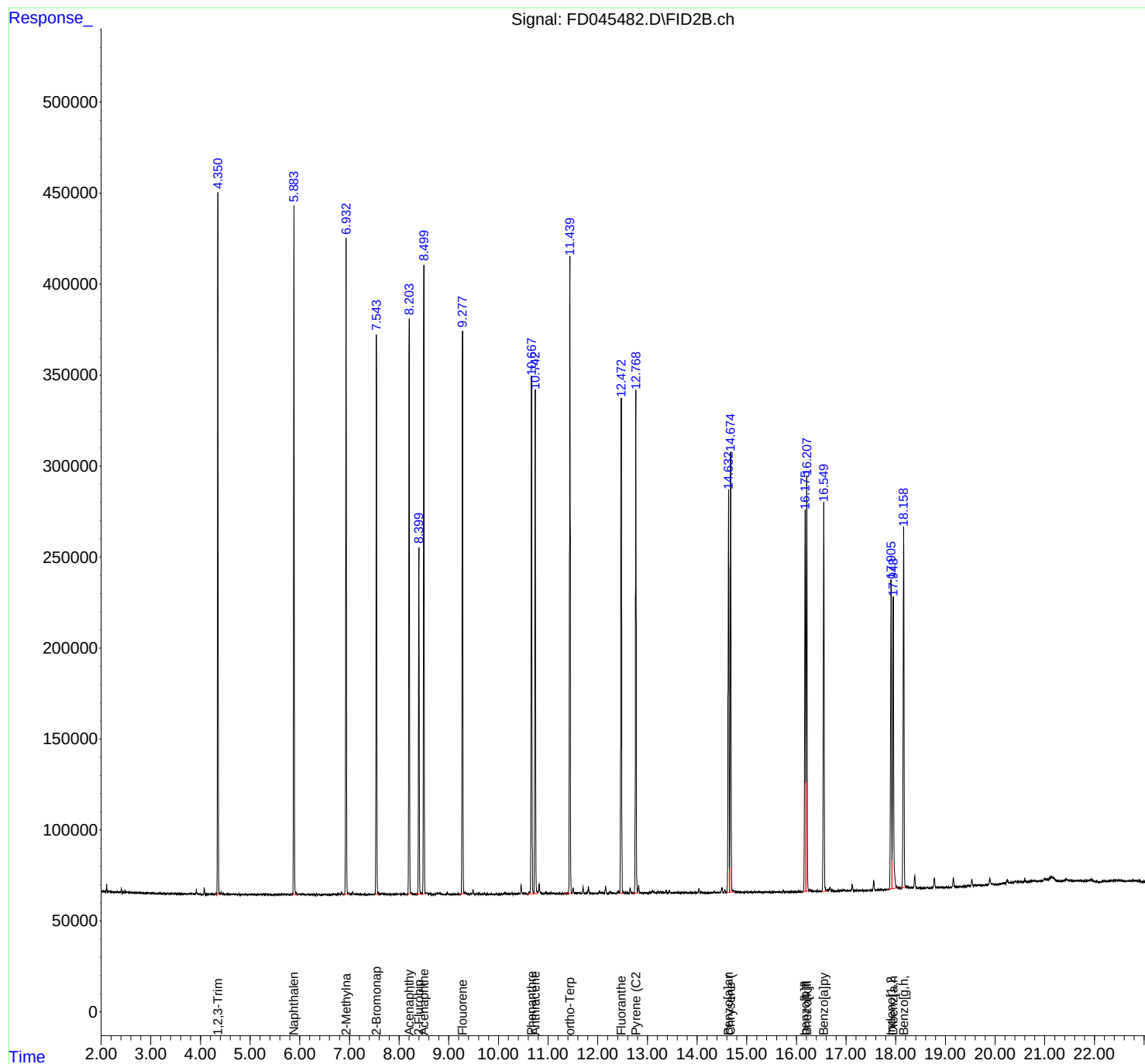
(m)=manual int.

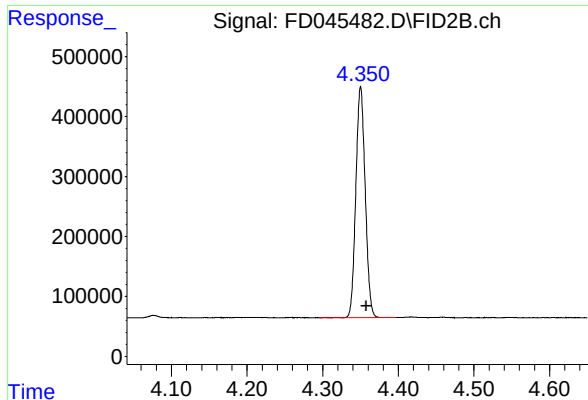
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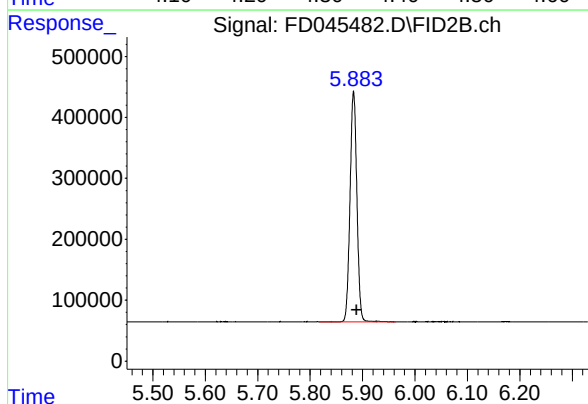




#1 1,2,3-Trimethylbenzene (C10.1)

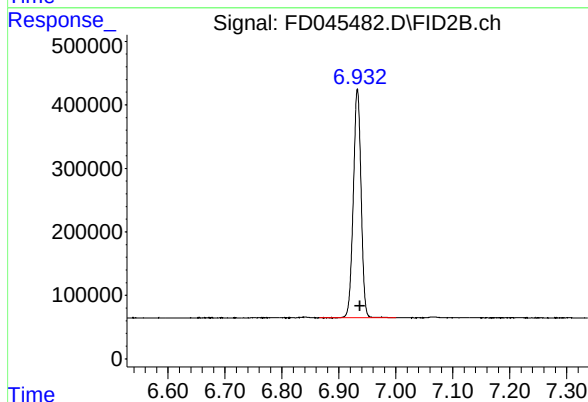
R.T.: 4.350 min
Delta R.T.: -0.008 min
Response: 3313390
Conc: 21.27 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



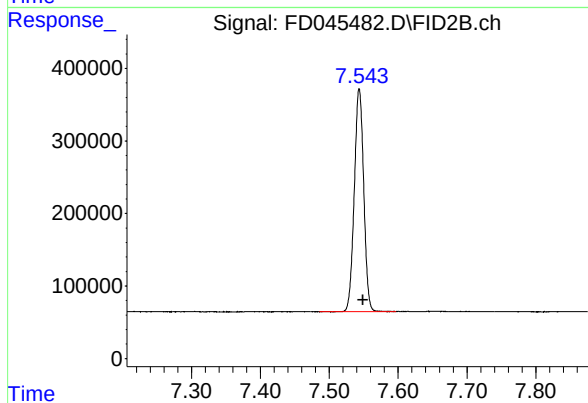
#2 Naphthalene (C11.7)

R.T.: 5.883 min
Delta R.T.: -0.005 min
Response: 3424984
Conc: 21.31 ug/ml



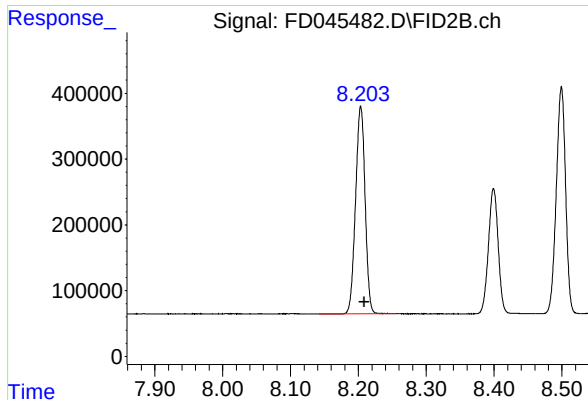
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.933 min
Delta R.T.: -0.005 min
Response: 3410527
Conc: 21.31 ug/ml



#4 2-Bromonaphthalene (SURR)

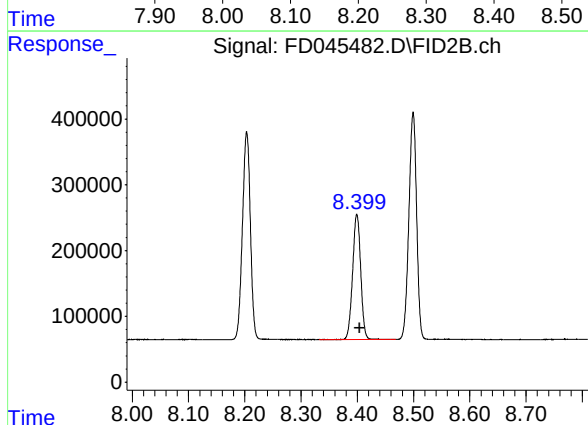
R.T.: 7.544 min
Delta R.T.: -0.005 min
Response: 2922624
Conc: 21.33 ug/ml



#5 Acenaphthylene (C15.06)

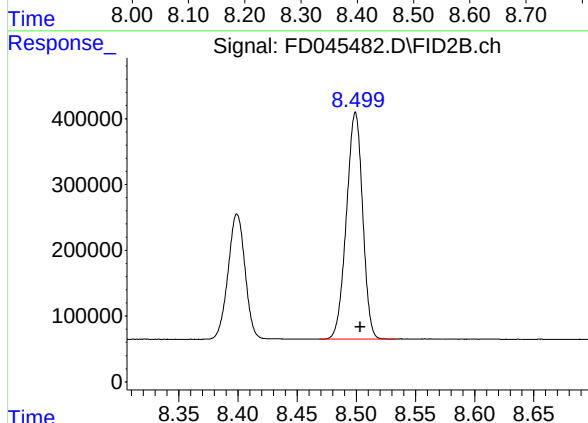
R.T.: 8.203 min
Delta R.T.: -0.005 min
Response: 3079816
Conc: 21.03 ug/ml

Instrument :
FID_D
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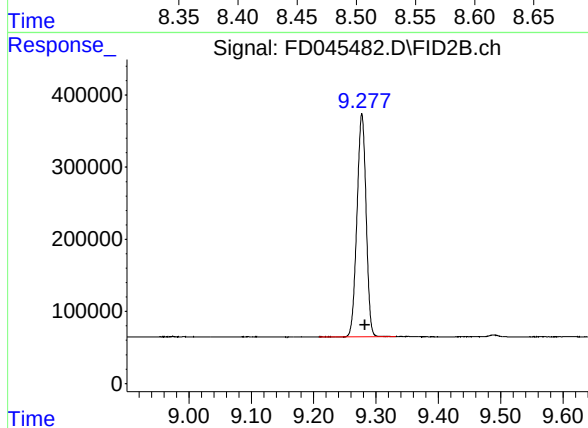
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.399 min
Delta R.T.: -0.005 min
Response: 1902308
Conc: 21.22 ug/ml



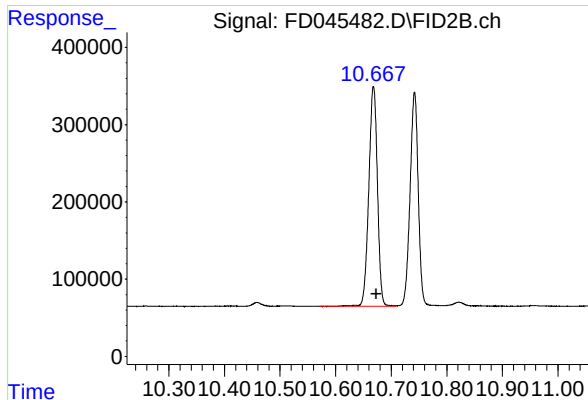
#7 Acenaphthene (C15.5)

R.T.: 8.499 min
Delta R.T.: -0.004 min
Response: 3293499
Conc: 21.23 ug/ml



#8 Flouorene (C16.55)

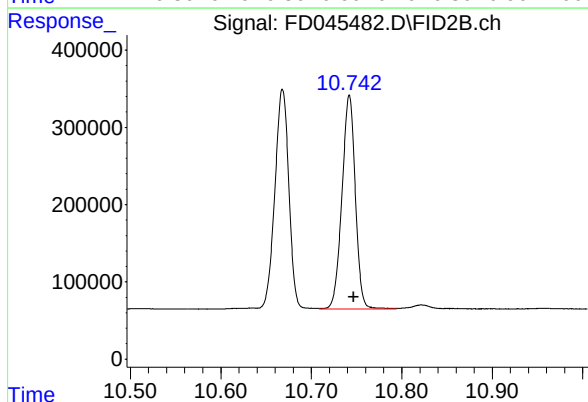
R.T.: 9.277 min
Delta R.T.: -0.005 min
Response: 3151569
Conc: 21.25 ug/ml



#9 Phenanthrene (C19.36)

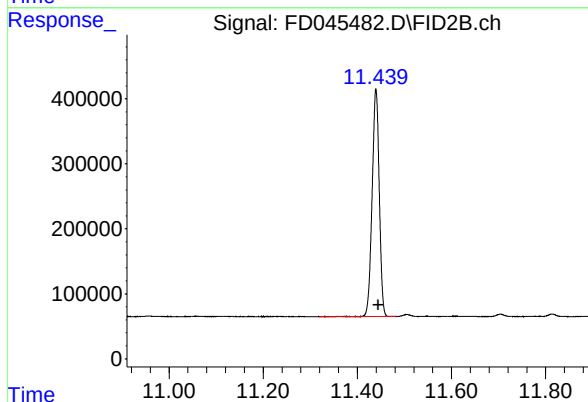
R.T.: 10.668 min
Delta R.T.: -0.005 min
Response: 3069526
Conc: 21.19 ug/ml

Instrument :
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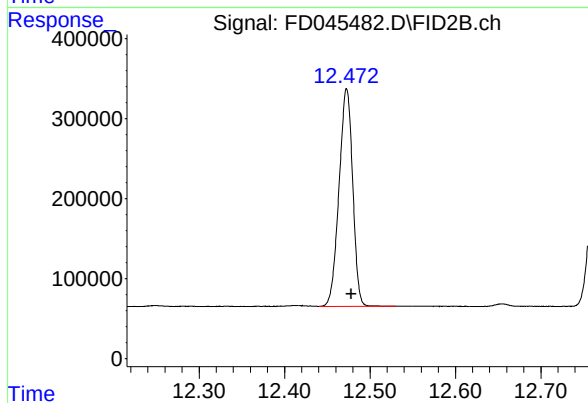
#10 Anthracene (C19.43)

R.T.: 10.742 min
Delta R.T.: -0.005 min
Response: 2843706
Conc: 20.57 ug/ml



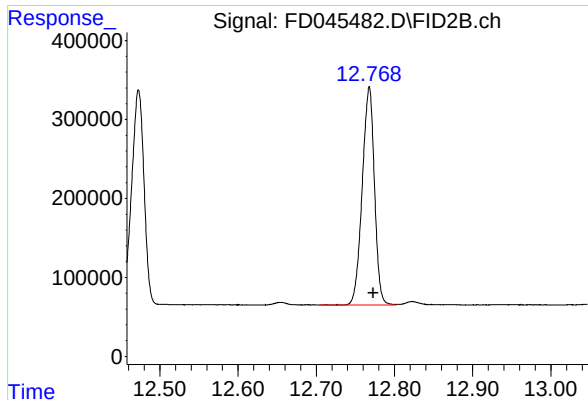
#11 ortho-Terphenyl (SURR)

R.T.: 11.440 min
Delta R.T.: -0.005 min
Response: 3672476
Conc: 21.11 ug/ml



#12 Fluoranthene (C21.85)

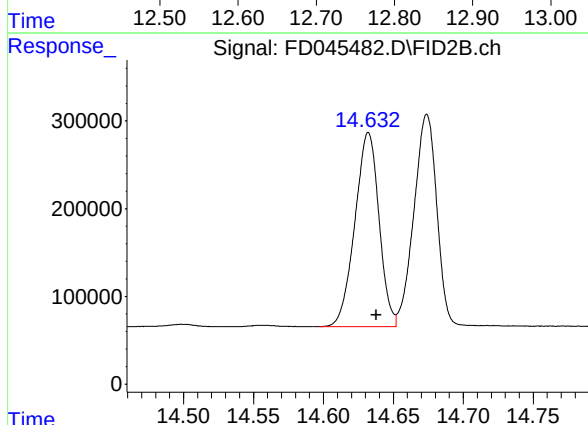
R.T.: 12.473 min
Delta R.T.: -0.005 min
Response: 3018777
Conc: 20.98 ug/ml



#13 Pyrene (C20.8)

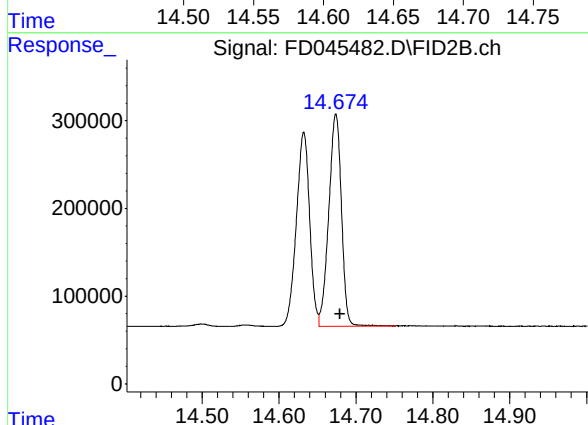
R.T.: 12.767 min
Delta R.T.: -0.005 min
Response: 2993399
Conc: 21.29 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



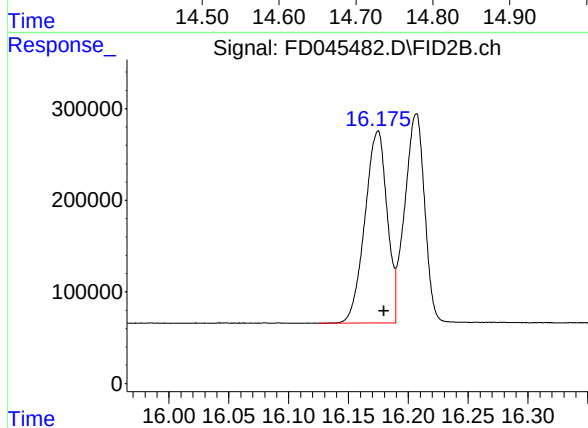
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.632 min
Delta R.T.: -0.006 min
Response: 2650991
Conc: 20.67 ug/ml



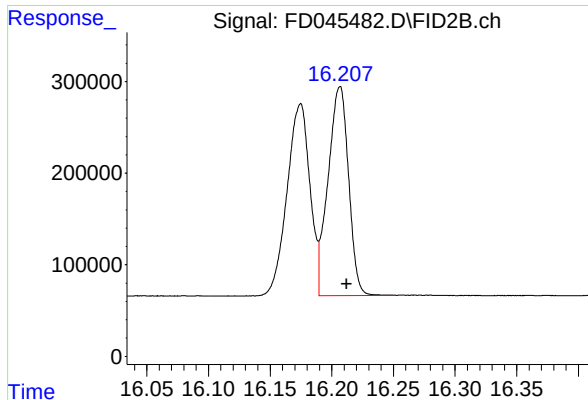
#15 Chrysene (C27.41)

R.T.: 14.674 min
Delta R.T.: -0.005 min
Response: 2767685
Conc: 20.87 ug/ml



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

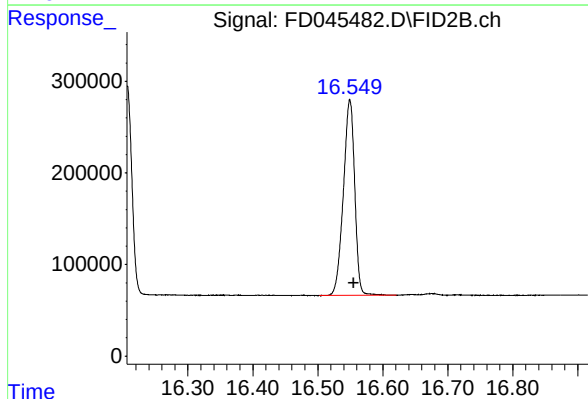
R.T.: 16.174 min
Delta R.T.: -0.005 min
Response: 2703154
Conc: 20.81 ug/ml



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

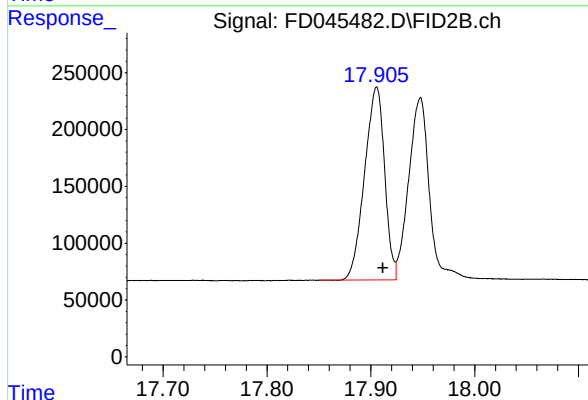
R.T.: 16.206 min
Delta R.T.: -0.006 min
Response: 2642037
Conc: 20.86 ug/ml

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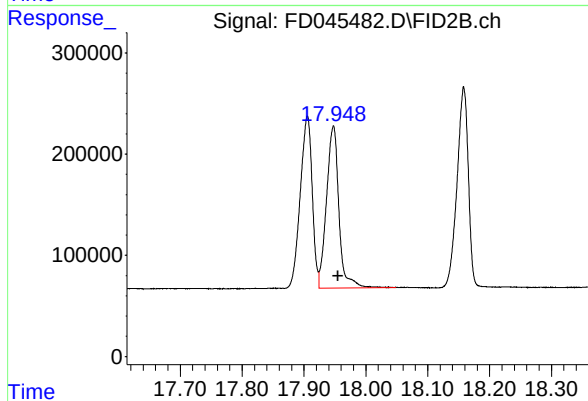
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.549 min
Delta R.T.: -0.006 min
Response: 2594060
Conc: 20.63 ug/ml



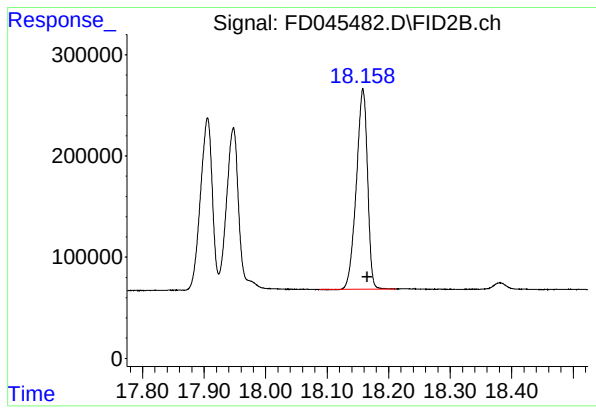
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.905 min
Delta R.T.: -0.007 min
Response: 2274982
Conc: 19.22 ug/ml



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

R.T.: 17.947 min
Delta R.T.: -0.008 min
Response: 2228747
Conc: 18.71 ug/ml



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

R.T.: 18.158 min

Delta R.T.: -0.008 min

Response: 2503493

Conc: 20.04 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD