

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030223AR\
 Data File : FD045215.D
 Signal(s) : FID2B.ch
 Acq On : 03 Mar 2023 01:28
 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: Mar 03 03:54:30 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030123.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 01 16:43:59 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...	7.552	2746522	20.238 ug/ml
Spiked Amount 50.000		Recovery =	40.48%
6) S 2-Fluorobiphenyl (SURR)	8.407	1827303	20.409 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.82%
11) S ortho-Terphenyl (SURR)	11.448	3366798	20.227 ug/ml
Spiked Amount 50.000		Recovery =	40.45%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.361	3065129	20.239 ug/ml
2) T Naphthalene (C11.7)	5.892	3196791	20.236 ug/ml
3) T 2-Methylnaphthalene (...)	6.940	3201648	20.147 ug/ml
5) T Acenaphthylene (C15.06)	8.212	2891505	20.165 ug/ml
7) T Acenaphthene (C15.5)	8.507	3090775	20.392 ug/ml
8) T Flouorene (C16.55)	9.285	2979214	20.235 ug/ml
9) T Phenanthrene (C19.36)	10.677	2877138	20.152 ug/ml
10) T Anthracene (C19.43)	10.750	2734699	19.516 ug/ml
12) T Fluoranthene (C21.85)	12.482	2795709	20.014 ug/ml
13) T Pyrene (C20.8)	12.777	2744000	20.150 ug/ml
14) T Benzo[a]anthracene (C...	14.642	2519530	19.765 ug/ml
15) T Chrysene (C27.41)	14.683	2594234	19.905 ug/ml
16) T benzo[b]fluoranthene ...	16.183	2575736	19.979 ug/ml
17) T Bnezo[k]fluoranthene ...	16.216	2515896	19.931 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.559	2509118	19.936 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.916	2408690	20.135 ug/ml
20) T Dibenz[a,h]anthracene...	17.959	2398099	19.881 ug/ml
21) T Benzo[g,h,i]perylene ...	18.170	2508931	20.164 ug/ml

(f)=RT Delta > 1/2 Window

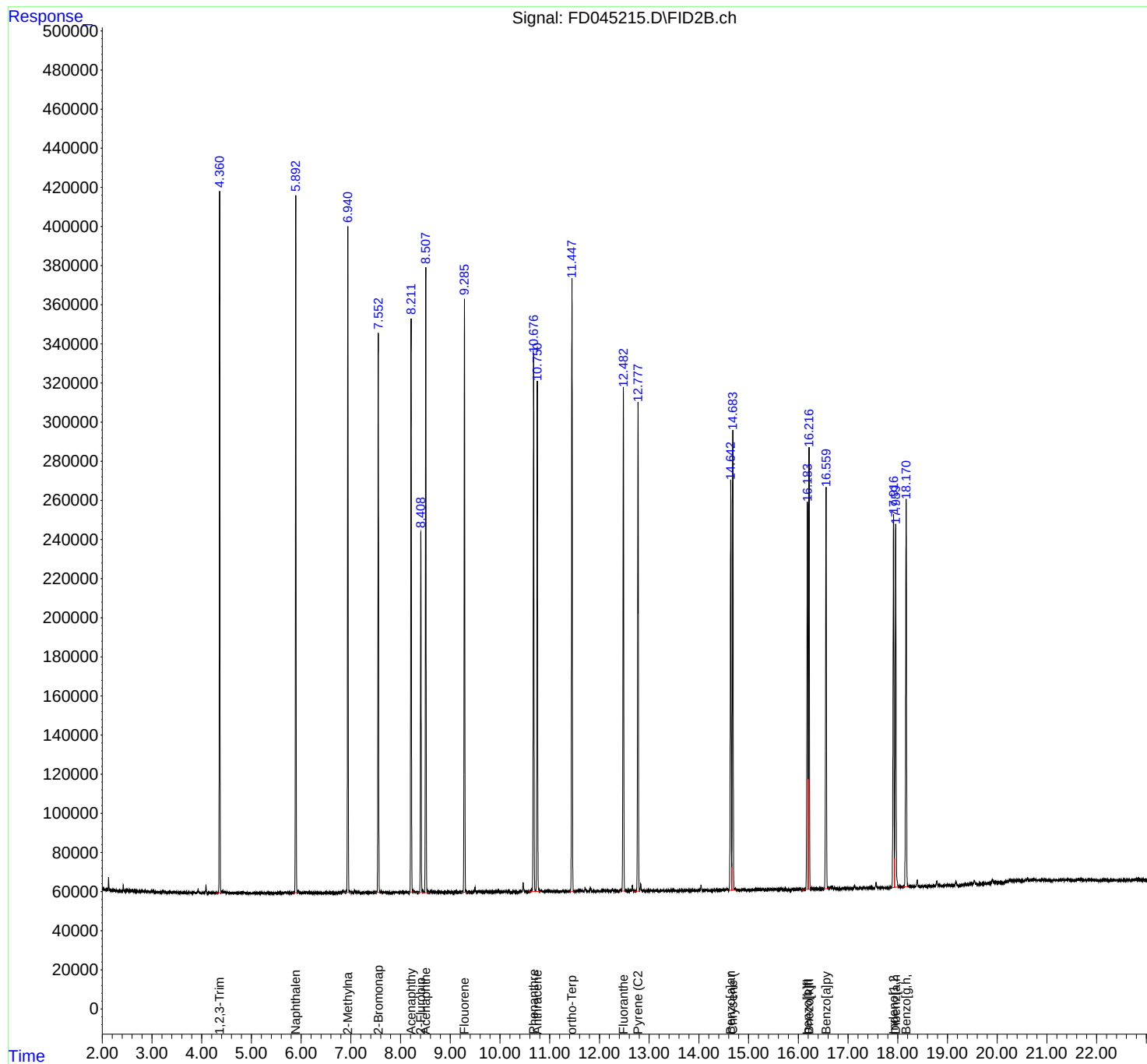
(m)=manual int.

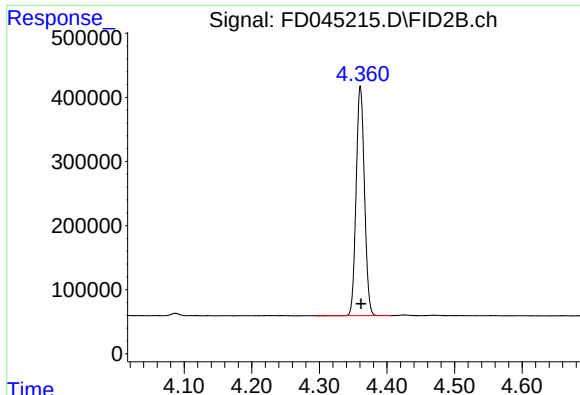
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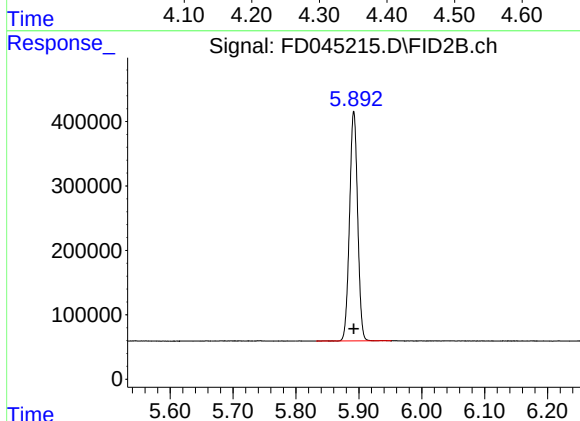




#1 1,2,3-Trimethylbenzene (C10.1)

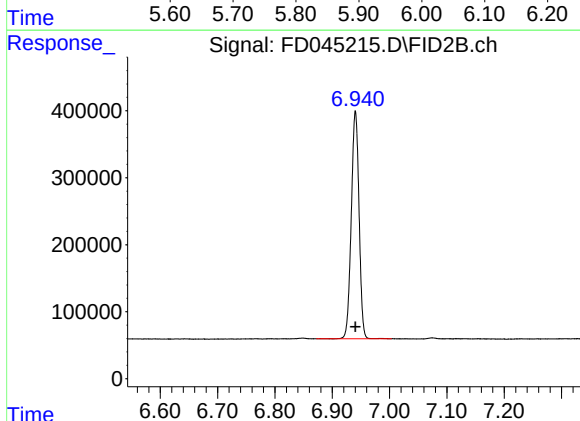
R.T.: 4.361 min
Delta R.T.: -0.001 min
Response: 3065129
Conc: 20.24 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



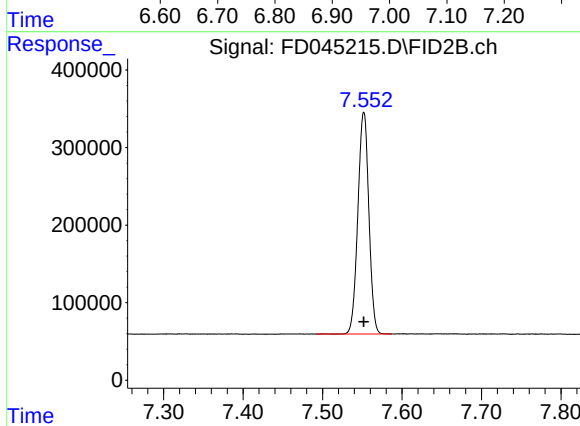
#2 Naphthalene (C11.7)

R.T.: 5.892 min
Delta R.T.: 0.000 min
Response: 3196791
Conc: 20.24 ug/ml



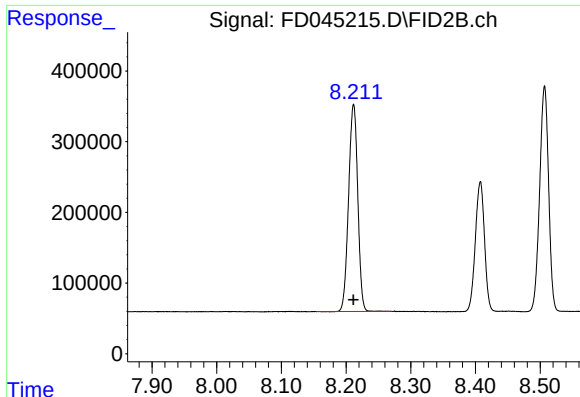
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.940 min
Delta R.T.: 0.000 min
Response: 3201648
Conc: 20.15 ug/ml



#4 2-Bromonaphthalene (SURR)

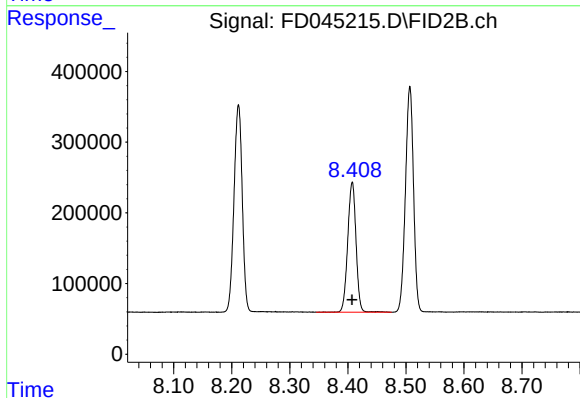
R.T.: 7.552 min
Delta R.T.: 0.000 min
Response: 2746522
Conc: 20.24 ug/ml



#5 Acenaphthylene (C15.06)

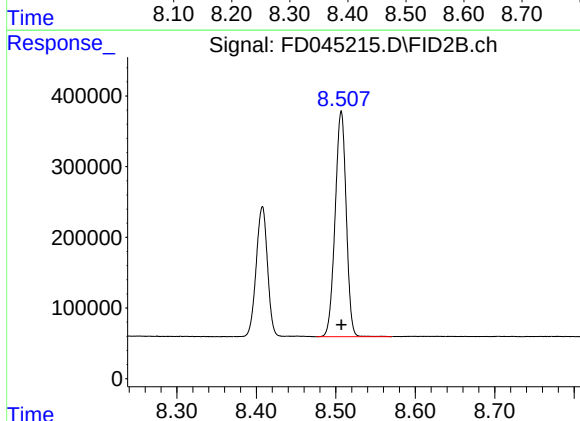
R.T.: 8.212 min
Delta R.T.: 0.000 min
Response: 2891505
Conc: 20.17 ug/ml

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20 PPM AROMATIC HC STD



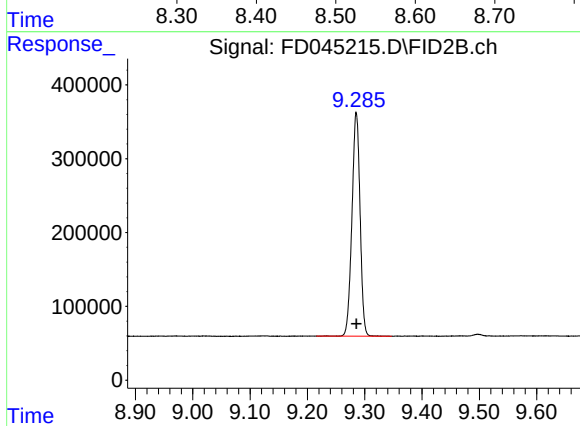
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.407 min
Delta R.T.: 0.000 min
Response: 1827303
Conc: 20.41 ug/ml



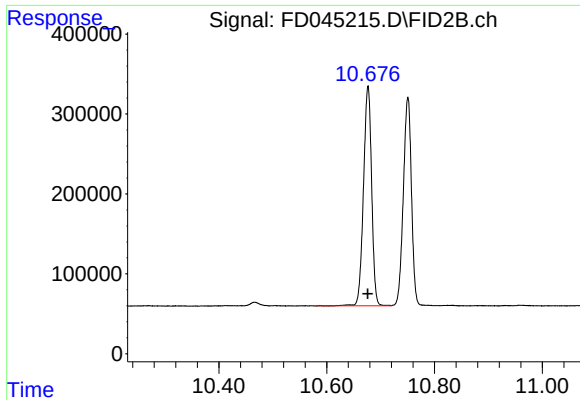
#7 Acenaphthene (C15.5)

R.T.: 8.507 min
Delta R.T.: 0.000 min
Response: 3090775
Conc: 20.39 ug/ml



#8 Flouorene (C16.55)

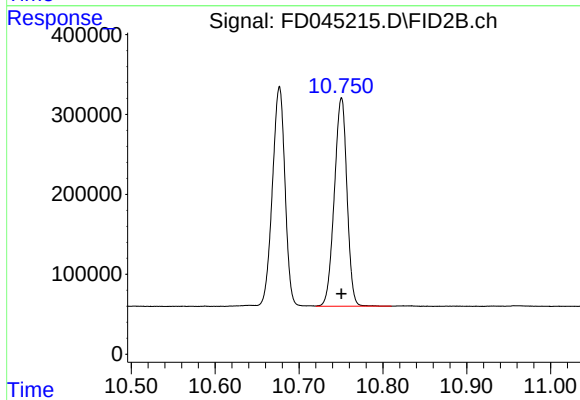
R.T.: 9.285 min
Delta R.T.: 0.000 min
Response: 2979214
Conc: 20.24 ug/ml



#9 Phenanthrene (C19.36)

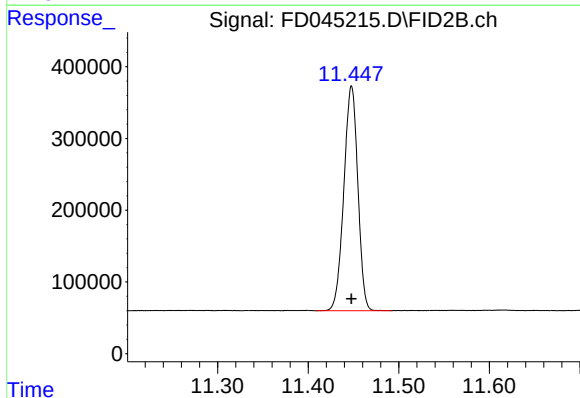
R.T.: 10.677 min
Delta R.T.: 0.000 min
Response: 2877138
Conc: 20.15 ug/ml

Instrument :
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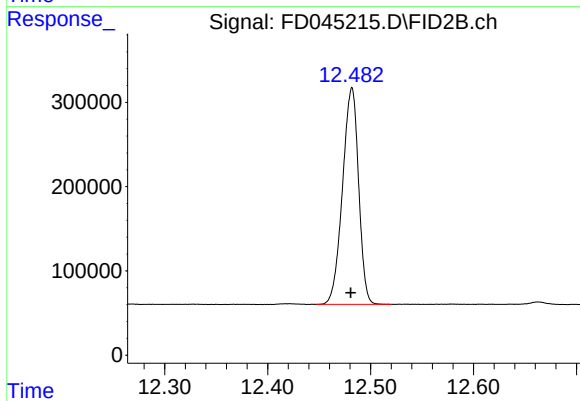
#10 Anthracene (C19.43)

R.T.: 10.750 min
Delta R.T.: 0.000 min
Response: 2734699
Conc: 19.52 ug/ml



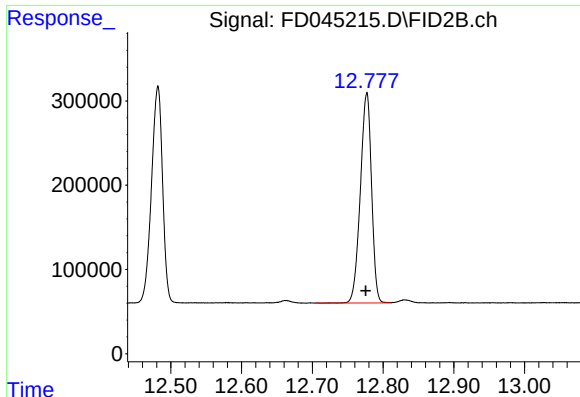
#11 ortho-Terphenyl (SURR)

R.T.: 11.448 min
Delta R.T.: 0.000 min
Response: 3366798
Conc: 20.23 ug/ml



#12 Fluoranthene (C21.85)

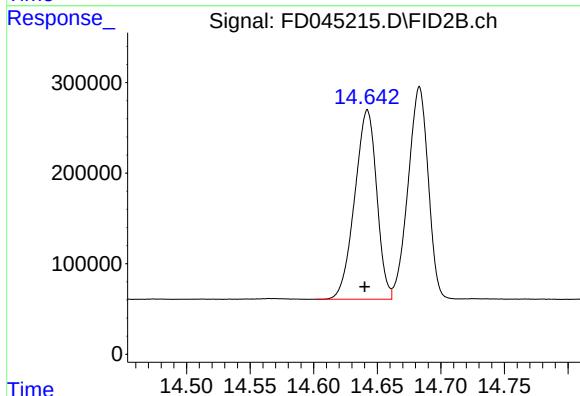
R.T.: 12.482 min
Delta R.T.: 0.000 min
Response: 2795709
Conc: 20.01 ug/ml



#13 Pyrene (C20.8)

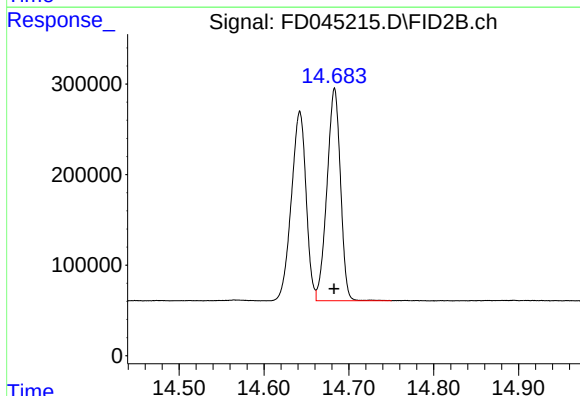
R.T.: 12.777 min
Delta R.T.: 0.001 min
Response: 2744000
Conc: 20.15 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



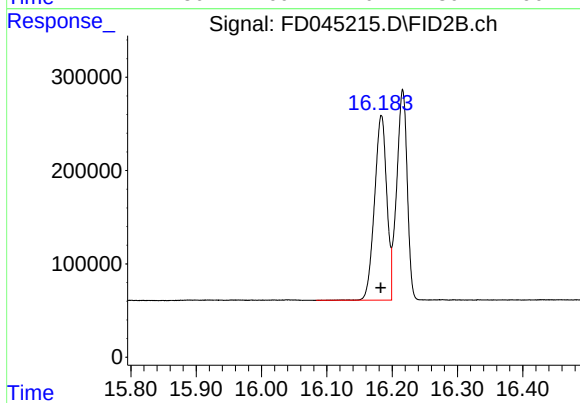
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.642 min
Delta R.T.: 0.002 min
Response: 2519530
Conc: 19.77 ug/ml



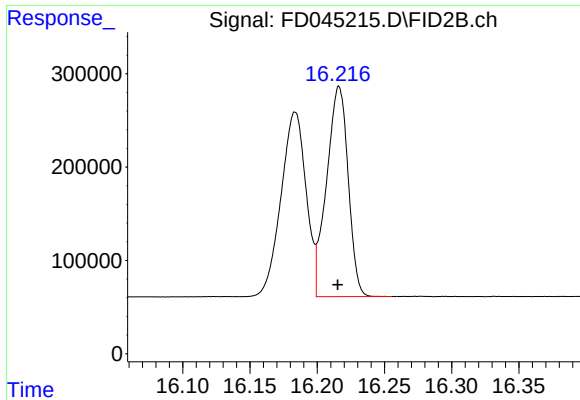
#15 Chrysene (C27.41)

R.T.: 14.683 min
Delta R.T.: 0.000 min
Response: 2594234
Conc: 19.91 ug/ml



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

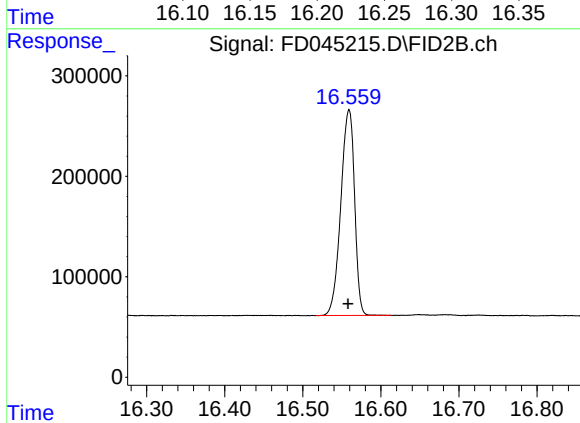
R.T.: 16.183 min
Delta R.T.: 0.000 min
Response: 2575736
Conc: 19.98 ug/ml



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

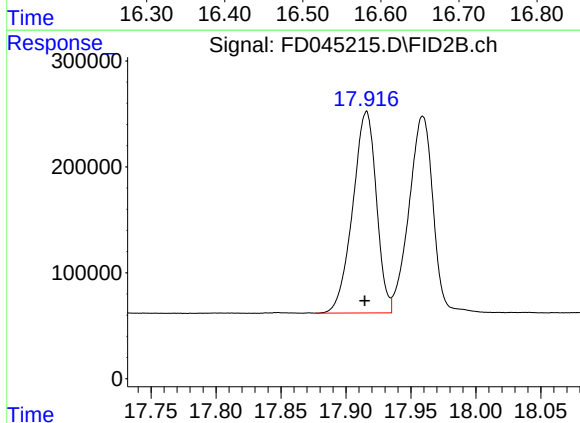
R.T.: 16.216 min
Delta R.T.: 0.000 min
Response: 2515896
Conc: 19.93 ug/ml

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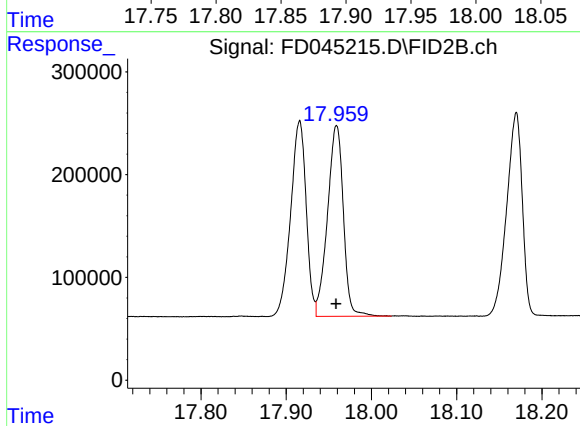
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.559 min
Delta R.T.: 0.001 min
Response: 2509118
Conc: 19.94 ug/ml



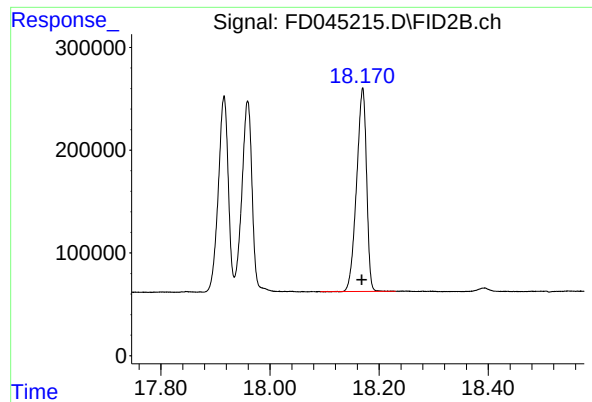
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.916 min
Delta R.T.: 0.001 min
Response: 2408690
Conc: 20.13 ug/ml



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

R.T.: 17.959 min
Delta R.T.: 0.000 min
Response: 2398099
Conc: 19.88 ug/ml



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

R.T.: 18.170 min
Delta R.T.: 0.001 min
Response: 2508931
Conc: 20.16 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD