

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090624AR\
 Data File : FD048280.D
 Signal(s) : FID2B.ch
 Acq On : 06 Sep 2024 09:40
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD3
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD3

Integration File: autoint1.e
 Quant Time: Sep 06 10:19:34 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 090624.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 06 10:19:09 2024
 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...	7.392	3062895	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	8.243	1982169	20.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.00%
11) S ortho-Terphenyl (SURR)	11.277	3460390	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.212	3535968	20.000 ug/ml
2) T Naphthalene (C11.7)	5.732	3649495	20.000 ug/ml
3) T 2-Methylnaphthalene (...)	6.779	3597819	20.000 ug/ml
5) T Acenaphthylene (C15.06)	8.045	3531706	20.000 ug/ml
7) T Acenaphthene (C15.5)	8.339	3599307	20.000 ug/ml
8) T Flouorene (C16.55)	9.118	3412654	20.000 ug/ml
9) T Phenanthrene (C19.36)	10.505	3260168	20.000 ug/ml
10) T Anthracene (C19.43)	10.580	3152323	20.000 ug/ml
12) T Fluoranthene (C21.85)	12.309	3242113	20.000 ug/ml
13) T Pyrene (C20.8)	12.602	3215815	20.000 ug/ml
14) T Benzo[a]anthracene (C...	14.469	2887808	20.000 ug/ml
15) T Chrysene (C27.41)	14.511	3249107	20.000 ug/ml
16) T benzo[b]fluoranthene ...	16.015	3047243	20.000 ug/ml
17) T Bnezo[k]fluoranthene ...	16.046	3013278	20.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.391	3017712	20.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.753	2261957	20.000 ug/ml
20) T Dibenz[a,h]anthracene...	17.795	3172852	20.000 ug/ml
21) T Benzo[g,h,i]perylene ...	18.003	2979023	20.000 ug/ml

(f)=RT Delta > 1/2 Window

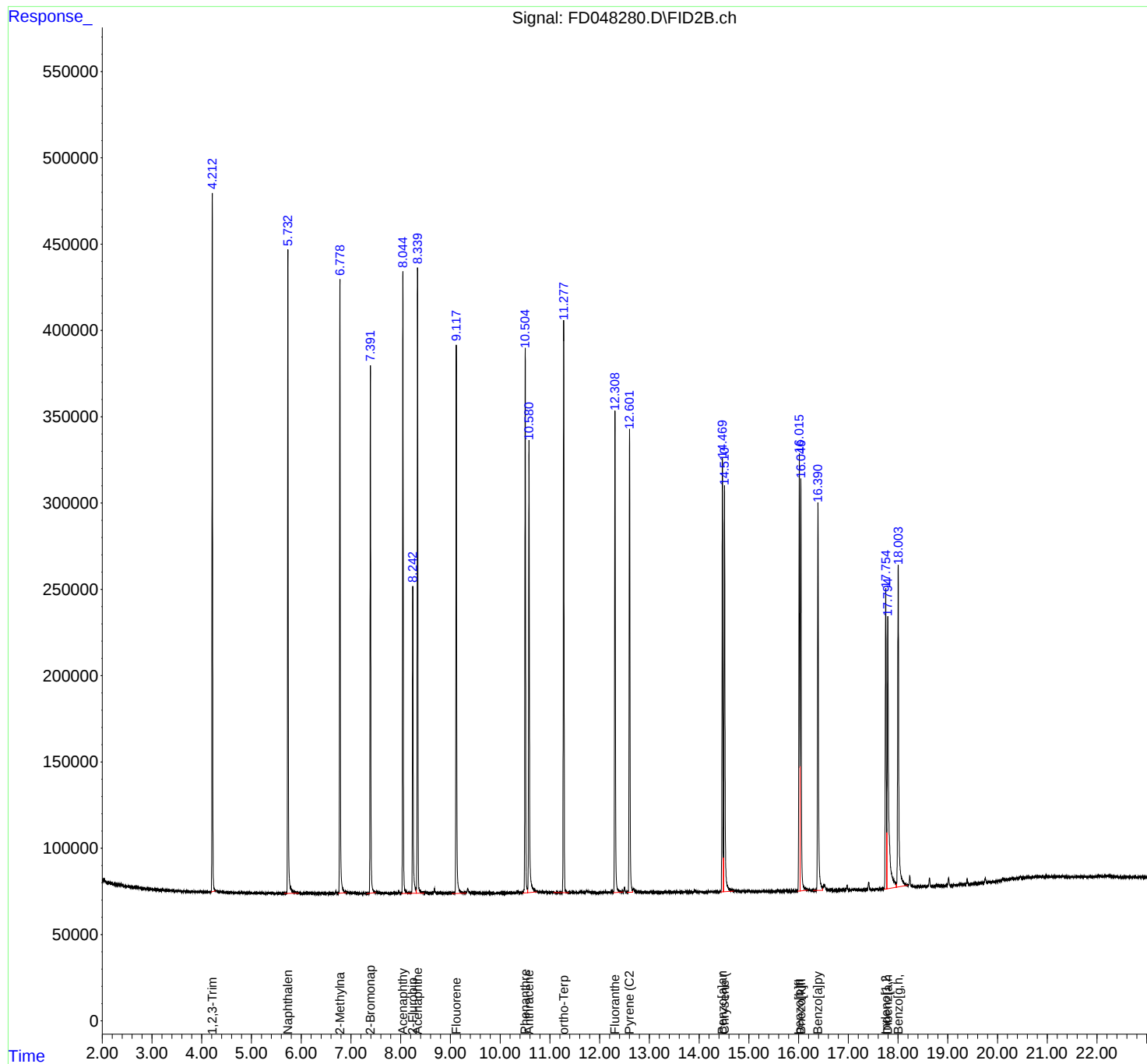
(m)=manual int.

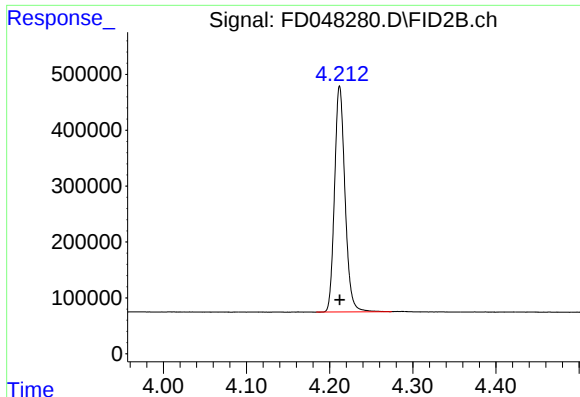
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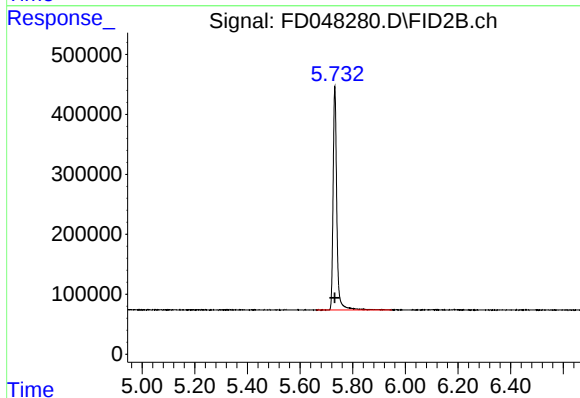




#1 1,2,3-Trimethylbenzene (C10.1)

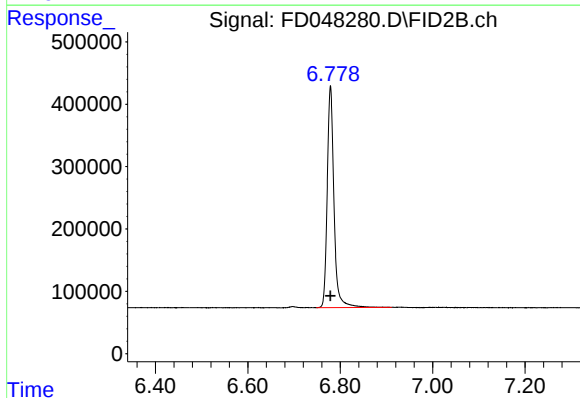
R.T.: 4.212 min
Delta R.T.: 0.000 min
Response: 3535968
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD3



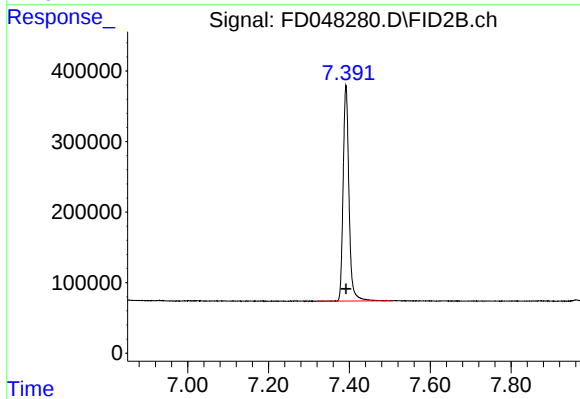
#2 Naphthalene (C11.7)

R.T.: 5.732 min
Delta R.T.: 0.000 min
Response: 3649495
Conc: 20.00 ug/ml



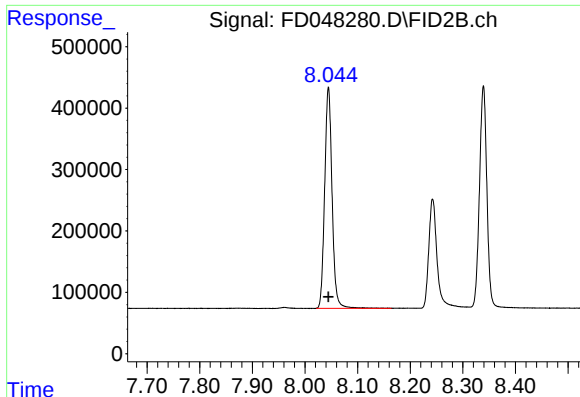
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.779 min
Delta R.T.: 0.000 min
Response: 3597819
Conc: 20.00 ug/ml



#4 2-Bromonaphthalene (SURR)

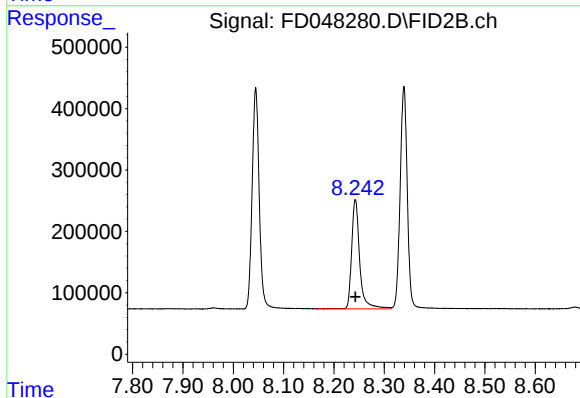
R.T.: 7.392 min
Delta R.T.: 0.000 min
Response: 3062895
Conc: 20.00 ug/ml



#5 Acenaphthylene (C15.06)

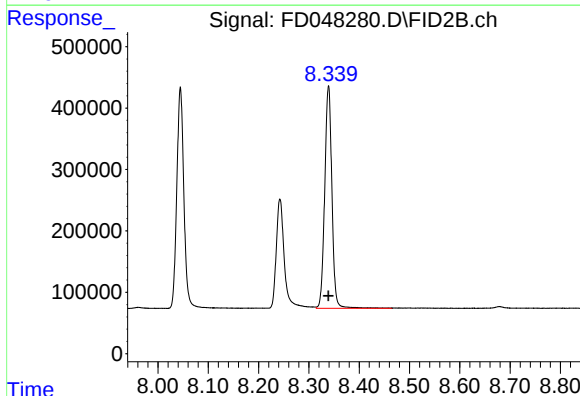
R.T.: 8.045 min
Delta R.T.: 0.000 min
Response: 3531706
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD3



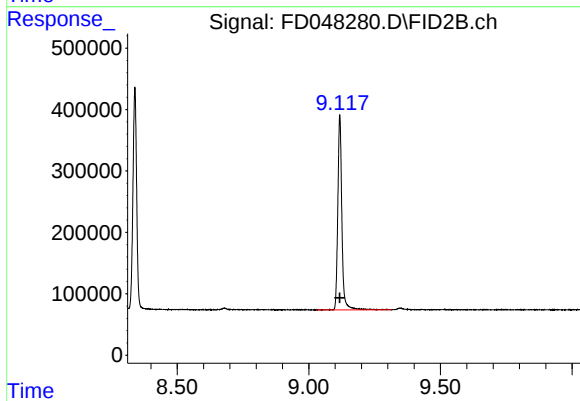
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.243 min
Delta R.T.: 0.000 min
Response: 1982169
Conc: 20.00 ug/ml



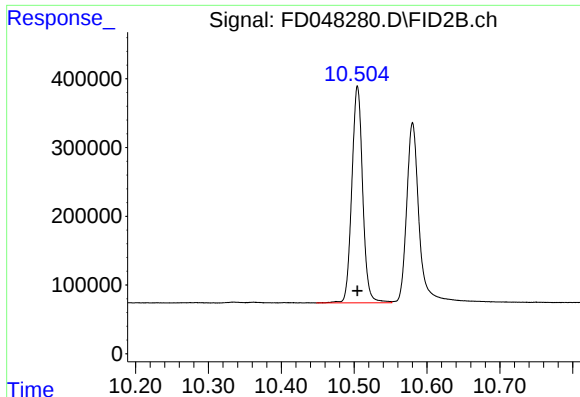
#7 Acenaphthene (C15.5)

R.T.: 8.339 min
Delta R.T.: 0.000 min
Response: 3599307
Conc: 20.00 ug/ml



#8 Fluorene (C16.55)

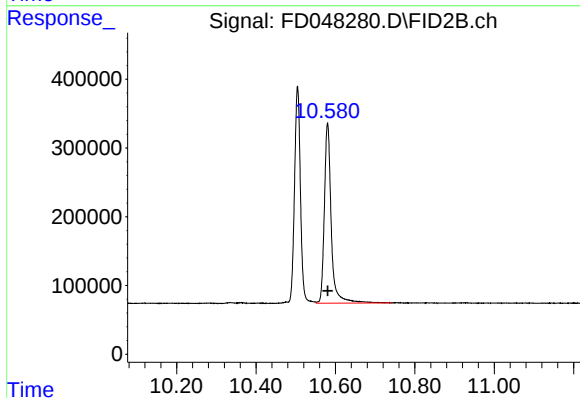
R.T.: 9.118 min
Delta R.T.: 0.000 min
Response: 3412654
Conc: 20.00 ug/ml



#9 Phenanthrene (C19.36)

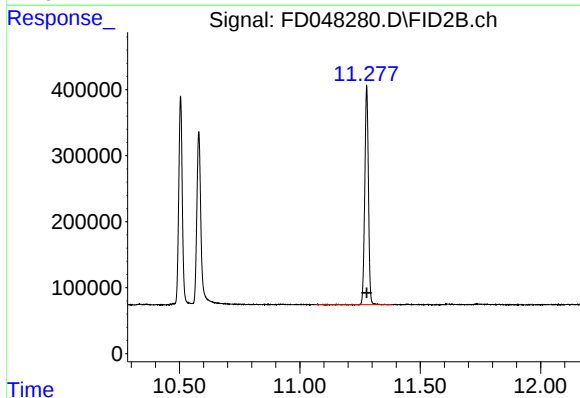
R.T.: 10.505 min
Delta R.T.: 0.000 min
Response: 3260168
Conc: 20.00 ug/ml

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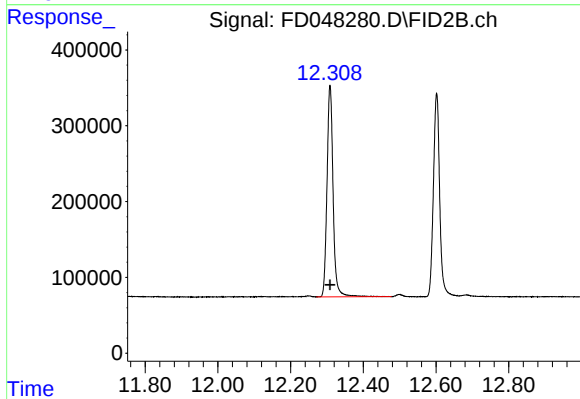
#10 Anthracene (C19.43)

R.T.: 10.580 min
Delta R.T.: 0.000 min
Response: 3152323
Conc: 20.00 ug/ml



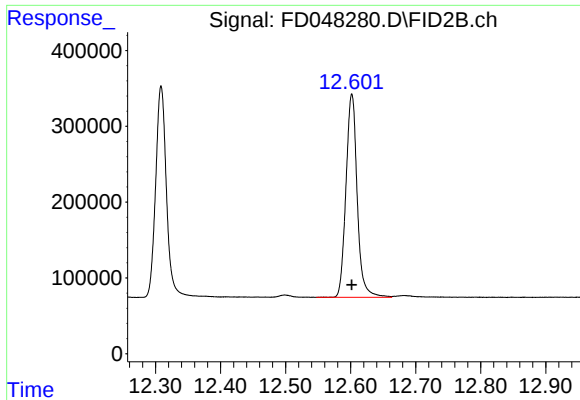
#11 ortho-Terphenyl (SURR)

R.T.: 11.277 min
Delta R.T.: 0.000 min
Response: 3460390
Conc: 20.00 ug/ml



#12 Fluoranthene (C21.85)

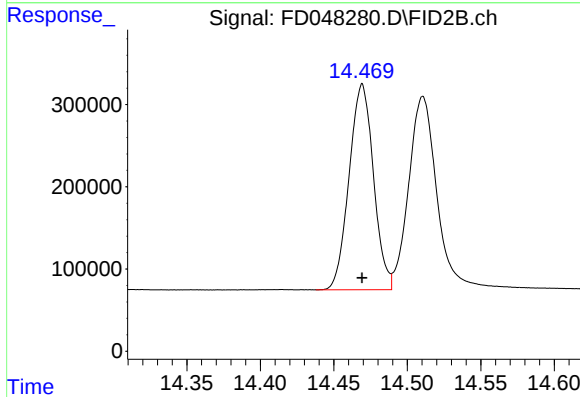
R.T.: 12.309 min
Delta R.T.: 0.000 min
Response: 3242113
Conc: 20.00 ug/ml



#13 Pyrene (C20.8)

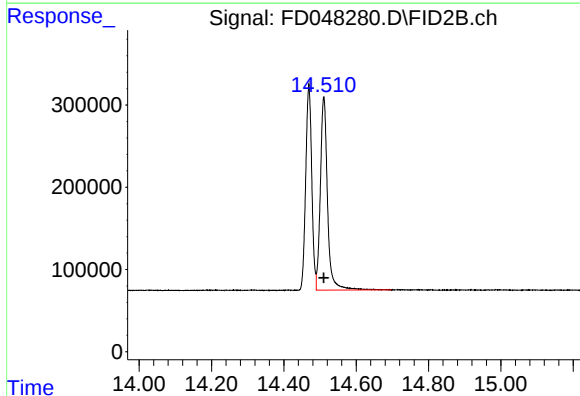
R.T.: 12.602 min
Delta R.T.: 0.000 min
Response: 3215815
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD3



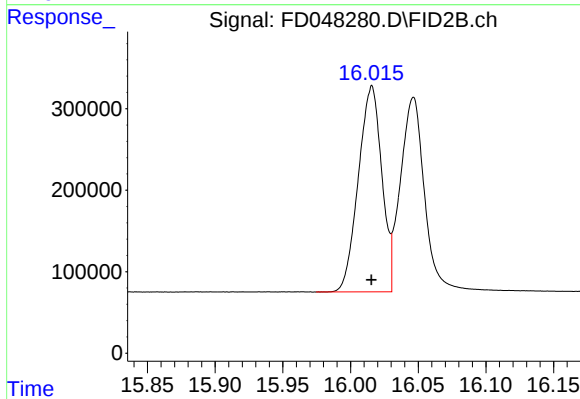
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.469 min
Delta R.T.: 0.000 min
Response: 2887808
Conc: 20.00 ug/ml



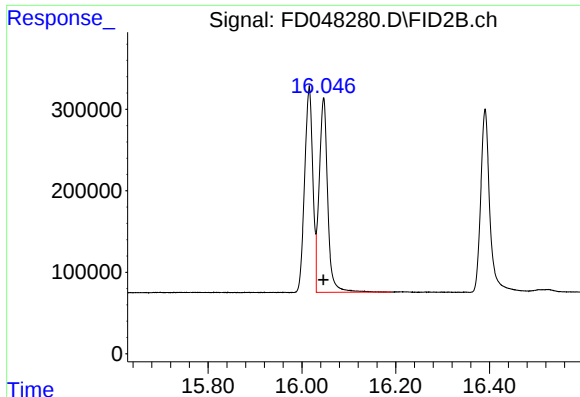
#15 Chrysene (C27.41)

R.T.: 14.511 min
Delta R.T.: 0.000 min
Response: 3249107
Conc: 20.00 ug/ml



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

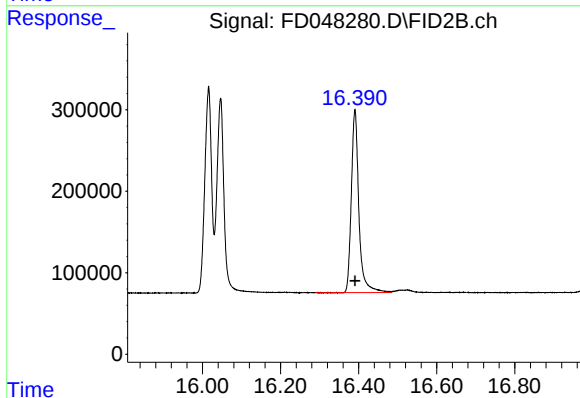
R.T.: 16.015 min
Delta R.T.: 0.000 min
Response: 3047243
Conc: 20.00 ug/ml



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

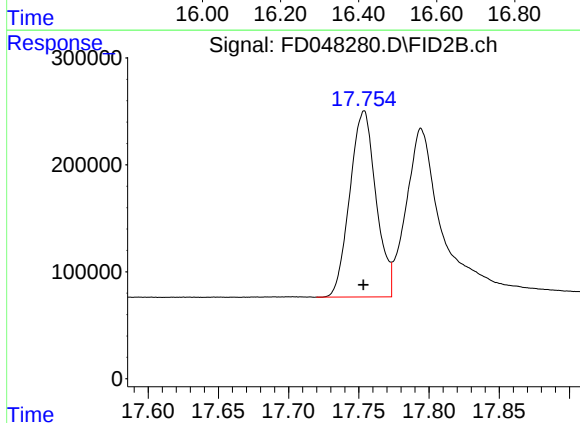
R.T.: 16.046 min
Delta R.T.: 0.000 min
Response: 3013278
Conc: 20.00 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD3



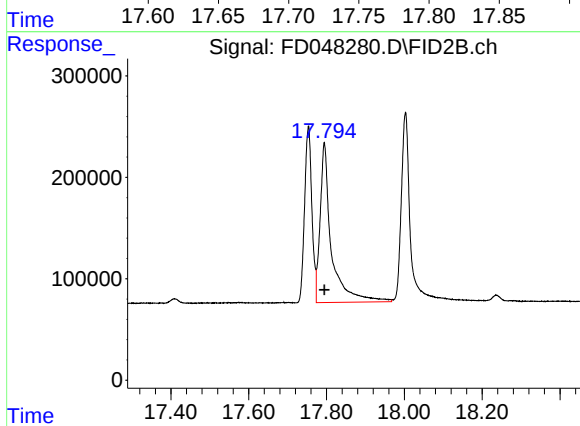
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.391 min
Delta R.T.: 0.000 min
Response: 3017712
Conc: 20.00 ug/ml



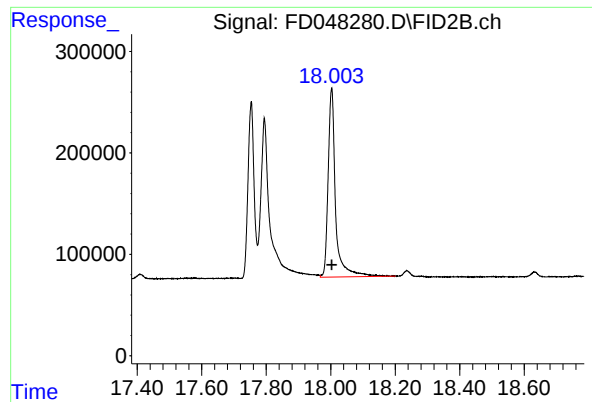
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.753 min
Delta R.T.: 0.000 min
Response: 2261957
Conc: 20.00 ug/ml



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

R.T.: 17.795 min
Delta R.T.: 0.000 min
Response: 3172852
Conc: 20.00 ug/ml



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

R.T.: 18.003 min
Delta R.T.: 0.000 min
Response: 2979023
Conc: 20.00 ug/ml

Instrument :

FID_D

ClientSampleId :

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