

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090722AR\
 Data File : FD043817.D
 Signal(s) : FID2B.ch
 Acq On : 07 Sep 2022 21:56
 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: Sep 08 05:42:38 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 082322.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 07 10:52:36 2022
 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...	7.439	3462147	20.038 ug/ml
Spiked Amount 50.000		Recovery =	40.08%
6) S 2-Fluorobiphenyl (SURR)	8.295	2094986	20.826 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.65%
11) S ortho-Terphenyl (SURR)	11.324	4174333	19.953 ug/ml
Spiked Amount 50.000		Recovery =	39.91%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.248	3917789	19.673 ug/ml
2) T Naphthalene (C11.7)	5.780	3882825	19.318 ug/ml
3) T 2-Methylnaphthalene (...)	6.826	3543432	19.631 ug/ml
5) T Acenaphthylene (C15.06)	8.095	4038610	20.204 ug/ml
7) T Acenaphthene (C15.5)	8.387	4222056	19.641 ug/ml
8) T Flouorene (C16.55)	9.168	3772612	19.678 ug/ml
9) T Phenanthrene (C19.36)	10.559	3701089	20.582 ug/ml
10) T Anthracene (C19.43)	10.635	3615434	18.588 ug/ml
12) T Fluoranthene (C21.85)	12.363	3670160	20.125 ug/ml
13) T Pyrene (C20.8)	12.657	3768431	20.188 ug/ml
14) T Benzo[a]anthracene (C...	14.525	3062218	21.402 ug/ml
15) T Chrysene (C27.41)	14.566	3626031	18.787 ug/ml
16) T benzo[b]fluoranthene ...	16.069	3022991	20.949 ug/ml
17) T Bnezo[k]fluoranthene ...	16.100	3118401	18.131 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.448	3077274	21.192 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.808	2283153	22.077 ug/ml
20) T Dibenz[a,h]anthracene...	17.846	3117552	22.154 ug/ml
21) T Benzo[g,h,i]perylene ...	18.057	2889181	22.695 ug/ml

(f)=RT Delta > 1/2 Window

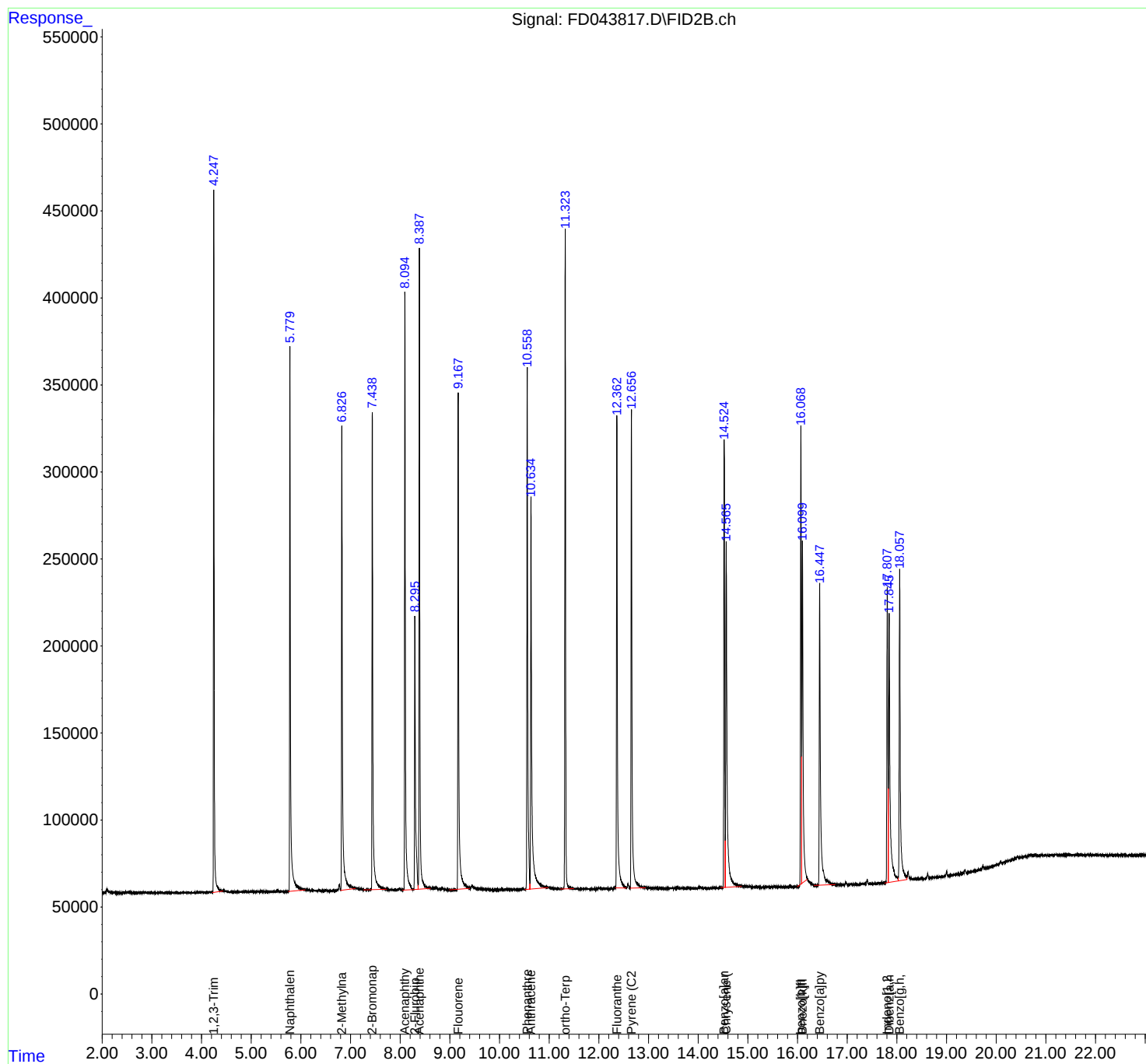
(m)=manual int.

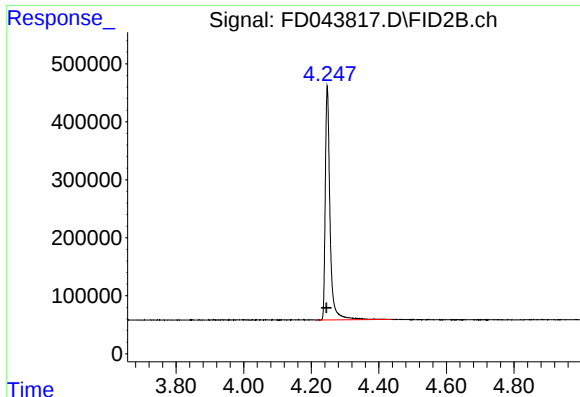
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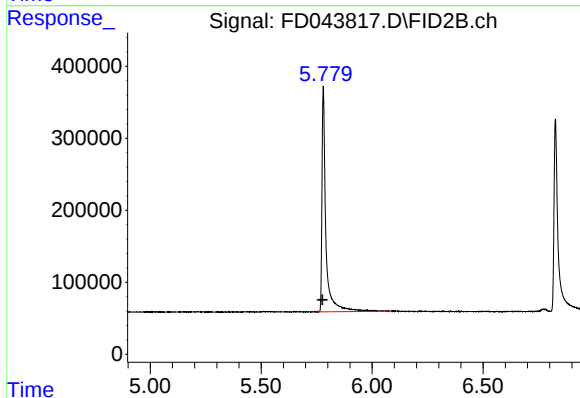




#1 1,2,3-Trimethylbenzene (C10.1)

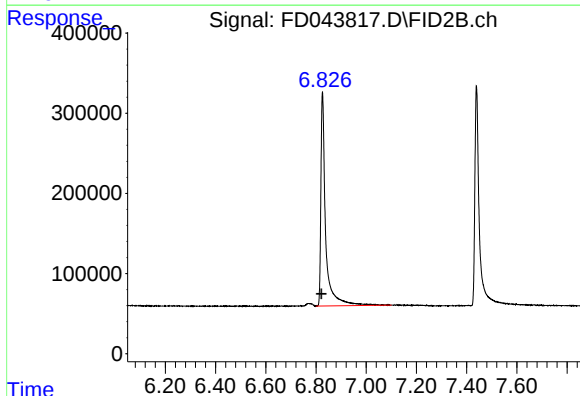
R.T.: 4.248 min
Delta R.T.: 0.003 min
Response: 3917789
Conc: 19.67 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



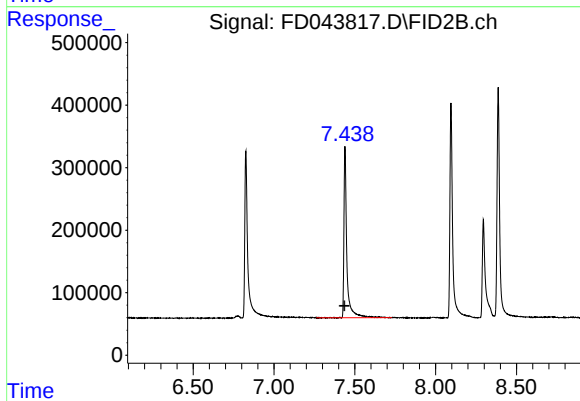
#2 Naphthalene (C11.7)

R.T.: 5.780 min
Delta R.T.: 0.004 min
Response: 3882825
Conc: 19.32 ug/ml



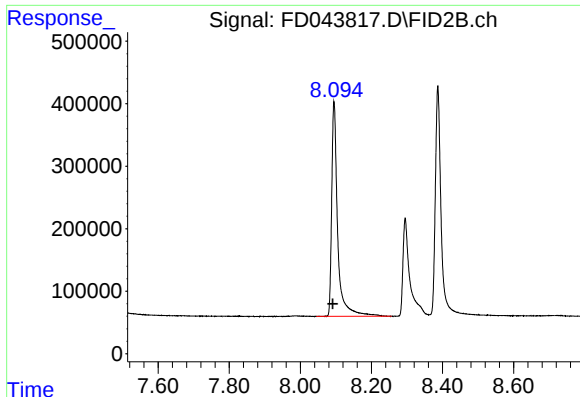
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.826 min
Delta R.T.: 0.004 min
Response: 3543432
Conc: 19.63 ug/ml



#4 2-Bromonaphthalene (SURR)

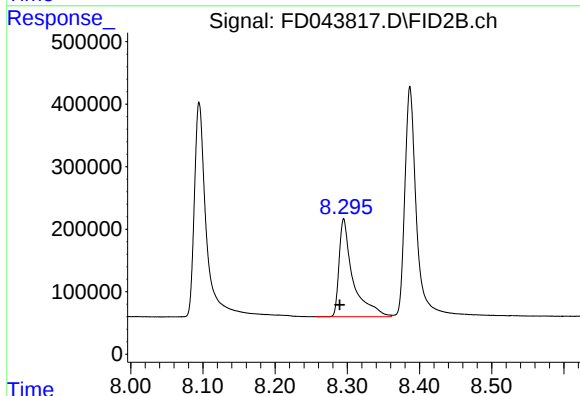
R.T.: 7.439 min
Delta R.T.: 0.004 min
Response: 3462147
Conc: 20.04 ug/ml



#5 Acenaphthylene (C15.06)

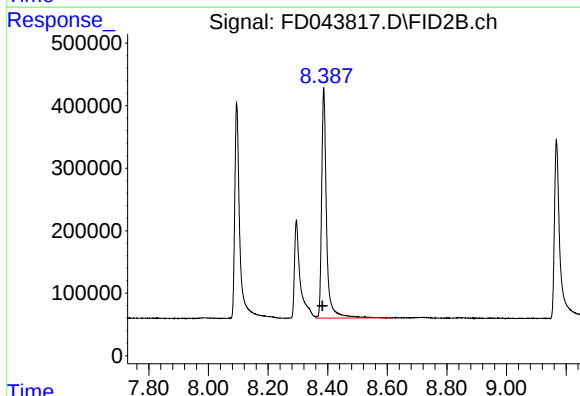
R.T.: 8.095 min
Delta R.T.: 0.004 min
Response: 4038610
Conc: 20.20 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



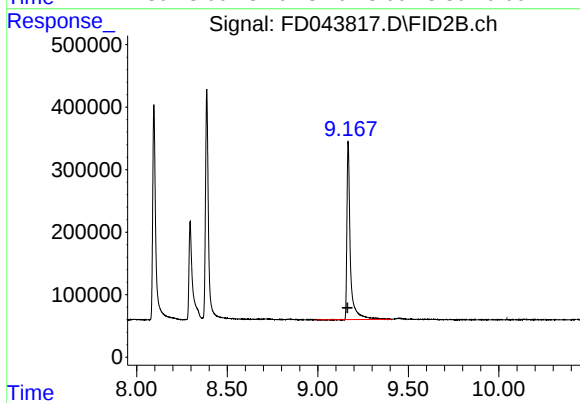
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.295 min
Delta R.T.: 0.006 min
Response: 2094986
Conc: 20.83 ug/ml



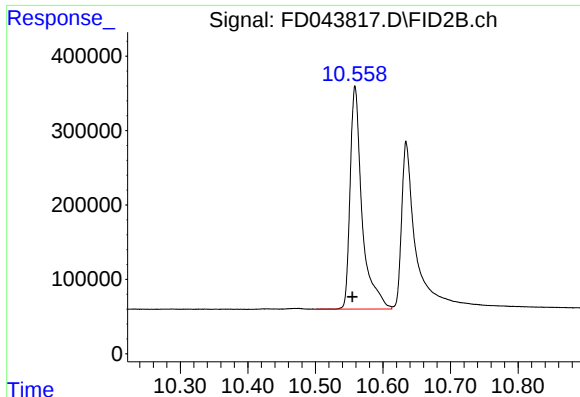
#7 Acenaphthene (C15.5)

R.T.: 8.387 min
Delta R.T.: 0.005 min
Response: 4222056
Conc: 19.64 ug/ml



#8 Fluorene (C16.55)

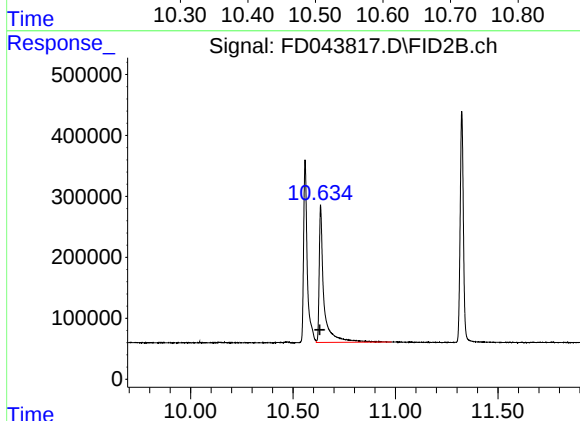
R.T.: 9.168 min
Delta R.T.: 0.005 min
Response: 3772612
Conc: 19.68 ug/ml



#9 Phenanthrene (C19.36)

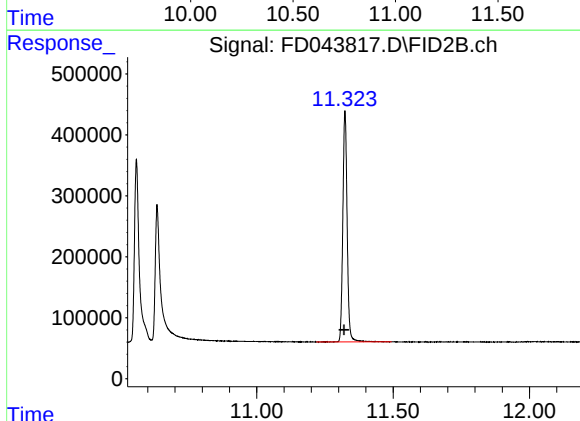
R.T.: 10.559 min
Delta R.T.: 0.004 min
Response: 3701089
Conc: 20.58 ug/ml

Instrument :
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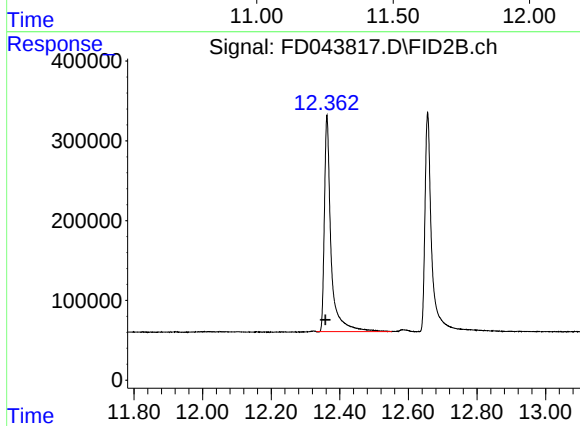
#10 Anthracene (C19.43)

R.T.: 10.635 min
Delta R.T.: 0.004 min
Response: 3615434
Conc: 18.59 ug/ml



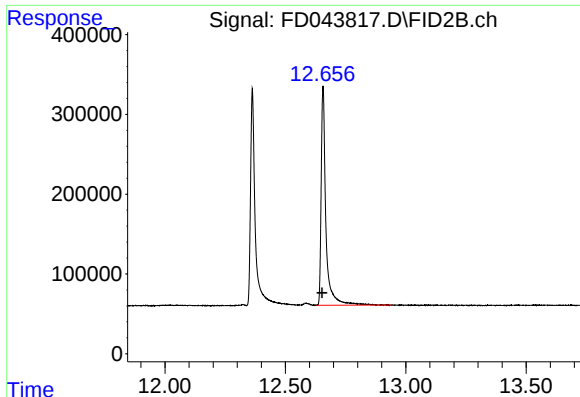
#11 ortho-Terphenyl (SURR)

R.T.: 11.324 min
Delta R.T.: 0.003 min
Response: 4174333
Conc: 19.95 ug/ml



#12 Fluoranthene (C21.85)

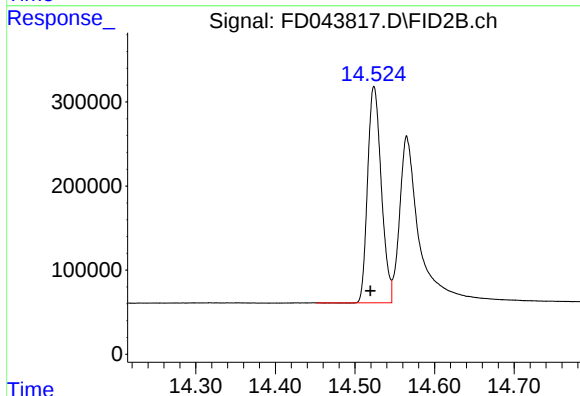
R.T.: 12.363 min
Delta R.T.: 0.005 min
Response: 3670160
Conc: 20.13 ug/ml



#13 Pyrene (C20.8)

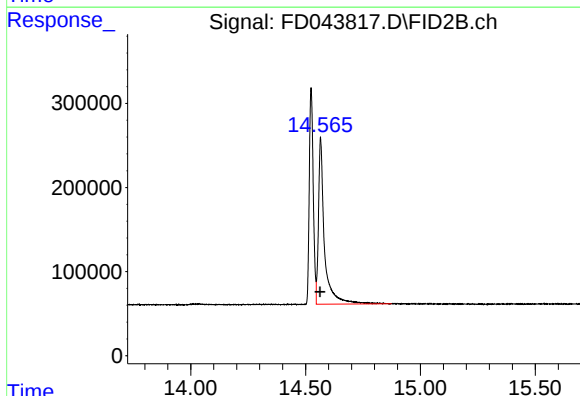
R.T.: 12.657 min
Delta R.T.: 0.004 min
Response: 3768431
Conc: 20.19 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



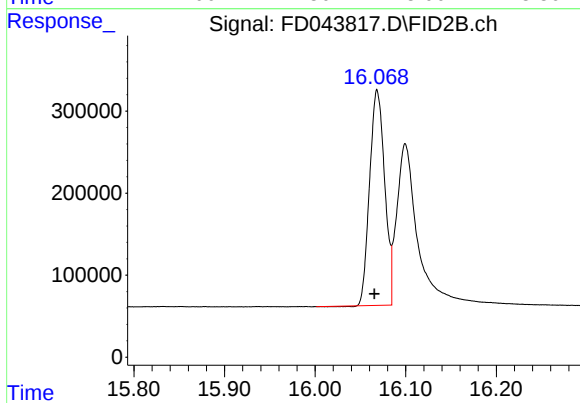
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.525 min
Delta R.T.: 0.005 min
Response: 3062218
Conc: 21.40 ug/ml



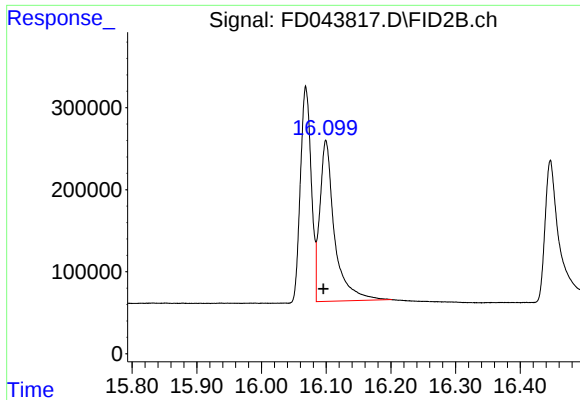
#15 Chrysene (C27.41)

R.T.: 14.566 min
Delta R.T.: 0.004 min
Response: 3626031
Conc: 18.79 ug/ml



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

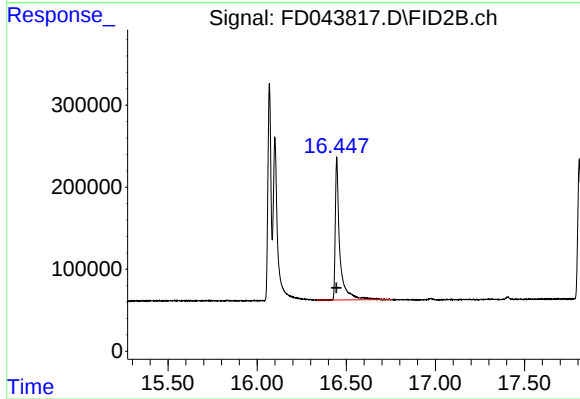
R.T.: 16.069 min
Delta R.T.: 0.004 min
Response: 3022991
Conc: 20.95 ug/ml



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

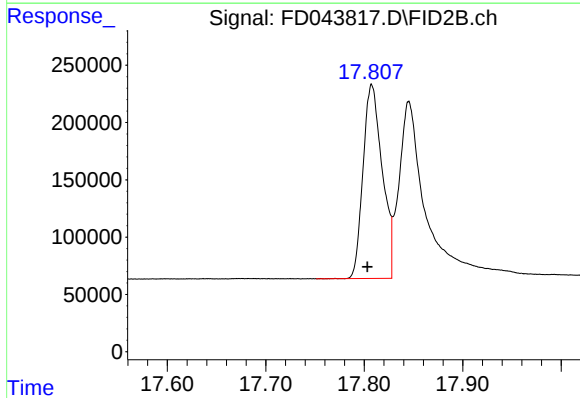
R.T.: 16.100 min
Delta R.T.: 0.004 min
Response: 3118401
Conc: 18.13 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



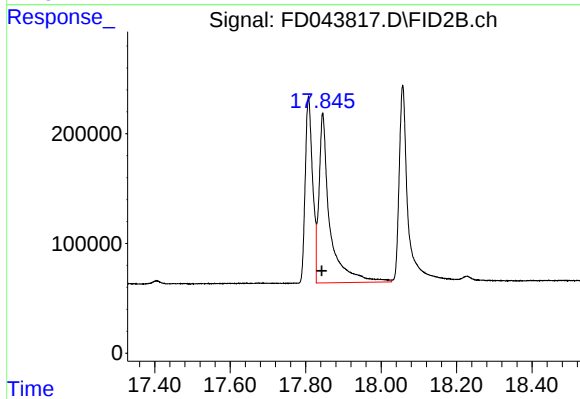
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.448 min
Delta R.T.: 0.004 min
Response: 3077274
Conc: 21.19 ug/ml



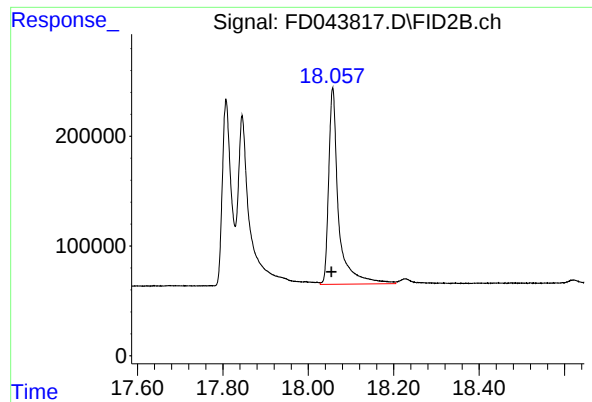
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.808 min
Delta R.T.: 0.005 min
Response: 2283153
Conc: 22.08 ug/ml



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

R.T.: 17.846 min
Delta R.T.: 0.003 min
Response: 3117552
Conc: 22.15 ug/ml



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

R.T.: 18.057 min
Delta R.T.: 0.003 min
Response: 2889181
Conc: 22.70 ug/ml

Instrument :

FID_D

ClientSampleId :

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