

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031323AR\
 Data File : FD045282.D
 Signal(s) : FID2B.ch
 Acq On : 13 Mar 2023 15:10
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 14 03:59:29 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...	7.550	2776249	20.458 ug/ml
Spiked Amount 50.000		Recovery =	40.92%
6) S 2-Fluorobiphenyl (SURR)	8.405	1829564	20.434 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.87%
11) S ortho-Terphenyl (SURR)	11.446	3529347	21.203 ug/ml
Spiked Amount 50.000		Recovery =	42.41%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.357	3118050	20.588 ug/ml
2) T Naphthalene (C11.7)	5.889	3232560	20.462 ug/ml
3) T 2-Methylnaphthalene (...)	6.938	3221774	20.273 ug/ml
5) T Acenaphthylene (C15.06)	8.210	2923590	20.389 ug/ml
7) T Acenaphthene (C15.5)	8.505	3133494	20.674 ug/ml
8) T Flouorene (C16.55)	9.284	3014778	20.477 ug/ml
9) T Phenanthrene (C19.36)	10.675	2961221	20.740 ug/ml
10) T Anthracene (C19.43)	10.749	2555276	18.235 ug/ml
12) T Fluoranthene (C21.85)	12.480	2947086	21.097 ug/ml
13) T Pyrene (C20.8)	12.775	2873927	21.104 ug/ml
14) T Benzo[a]anthracene (C...	14.640	2574894	20.199 ug/ml
15) T Chrysene (C27.41)	14.682	2665670	20.453 ug/ml
16) T benzo[b]fluoranthene ...	16.183	2690456	20.869 ug/ml
17) T Bnezo[k]fluoranthene ...	16.216	2652374	21.012 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.558	2554288	20.295 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.916	2416501	20.200 ug/ml
20) T Dibenz[a,h]anthracene...	17.958	2476086	20.528 ug/ml
21) T Benzo[g,h,i]perylene ...	18.169	2541166	20.423 ug/ml

(f)=RT Delta > 1/2 Window

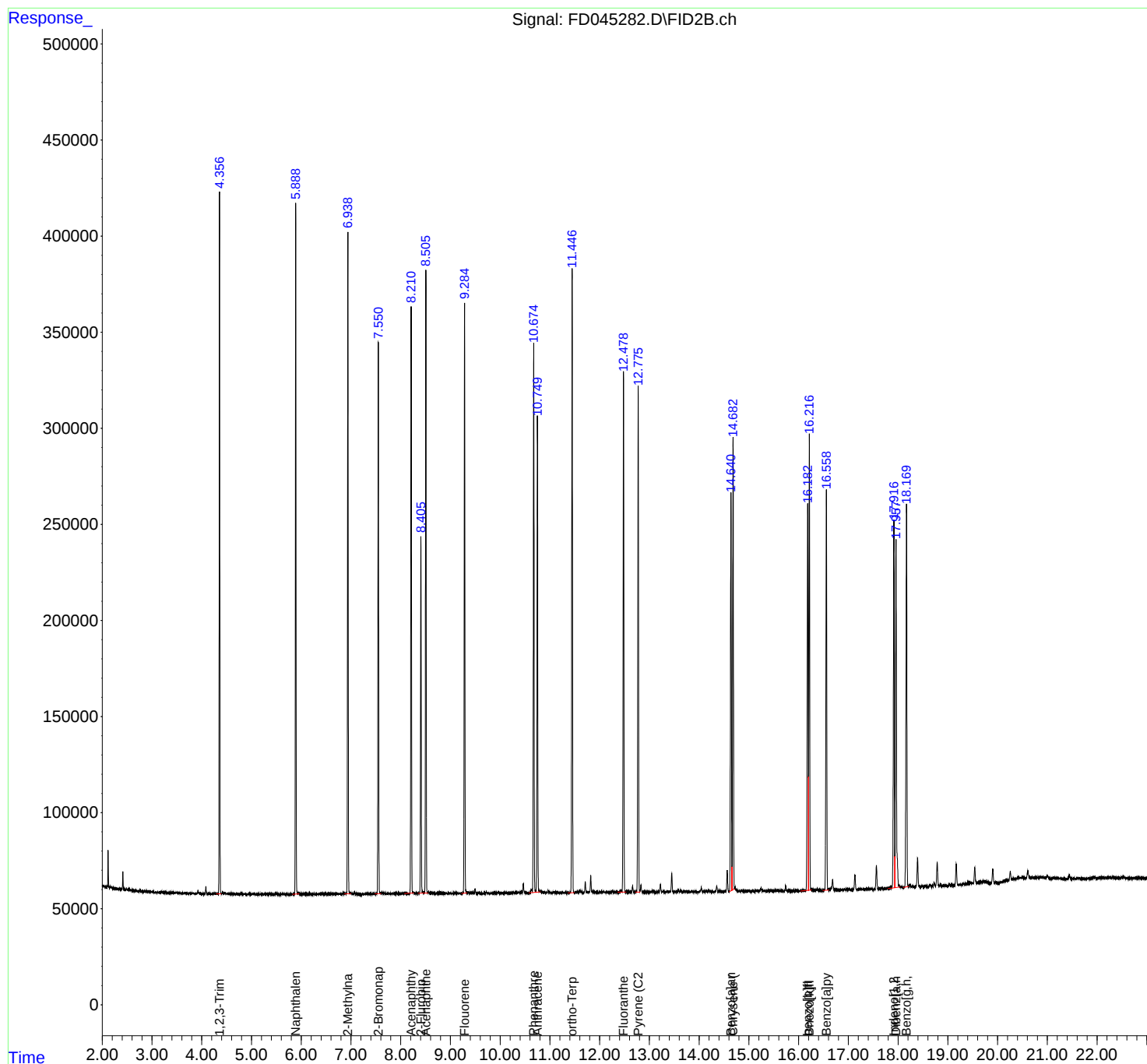
(m)=manual int.

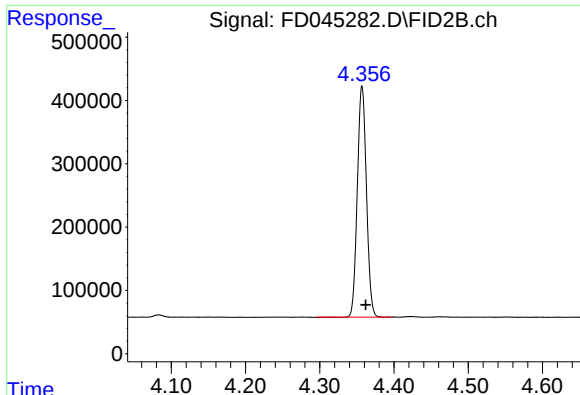
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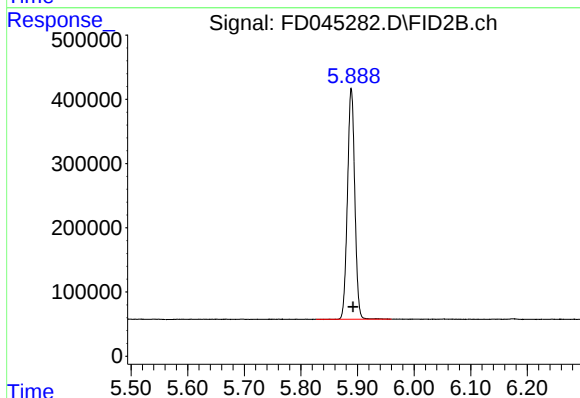




#1 1,2,3-Trimethylbenzene (C10.1)

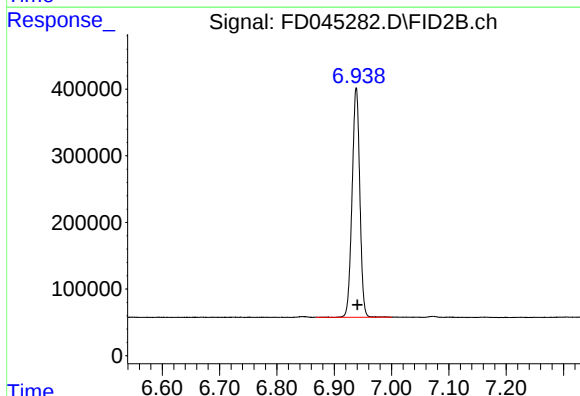
R.T.: 4.357 min
Delta R.T.: -0.005 min
Response: 3118050
Conc: 20.59 ug/ml

Instrument :
FID_D
ClientSampleId :



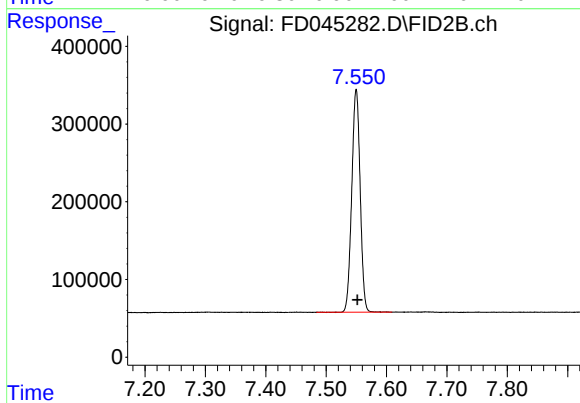
#2 Naphthalene (C11.7)

R.T.: 5.889 min
Delta R.T.: -0.003 min
Response: 3232560
Conc: 20.46 ug/ml



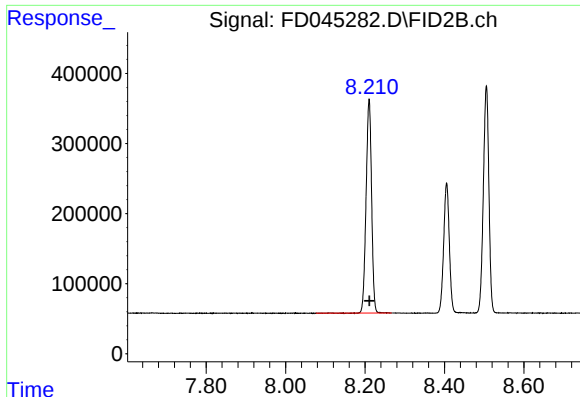
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.938 min
Delta R.T.: -0.002 min
Response: 3221774
Conc: 20.27 ug/ml



#4 2-Bromonaphthalene (SURR)

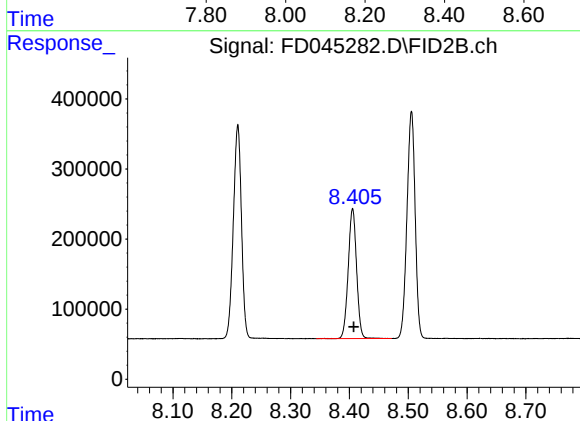
R.T.: 7.550 min
Delta R.T.: -0.002 min
Response: 2776249
Conc: 20.46 ug/ml



#5 Acenaphthylene (C15.06)

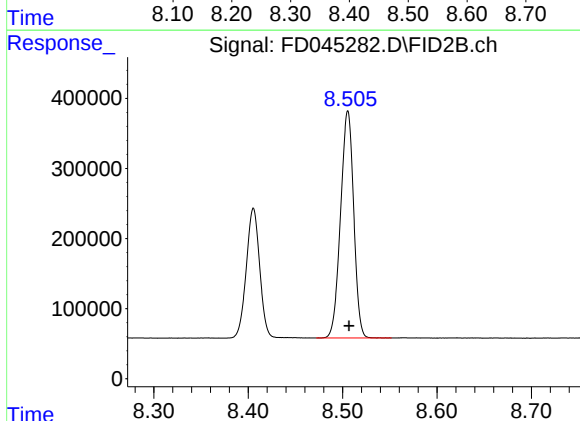
R.T.: 8.210 min
Delta R.T.: -0.001 min
Response: 2923590
Conc: 20.39 ug/ml

Instrument :
FID_D
ClientSampleId :



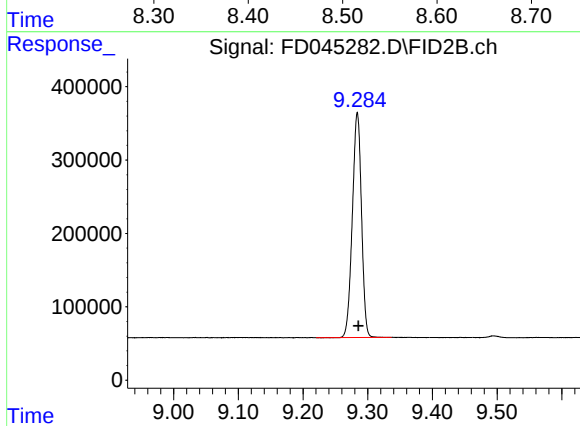
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.405 min
Delta R.T.: -0.002 min
Response: 1829564
Conc: 20.43 ug/ml



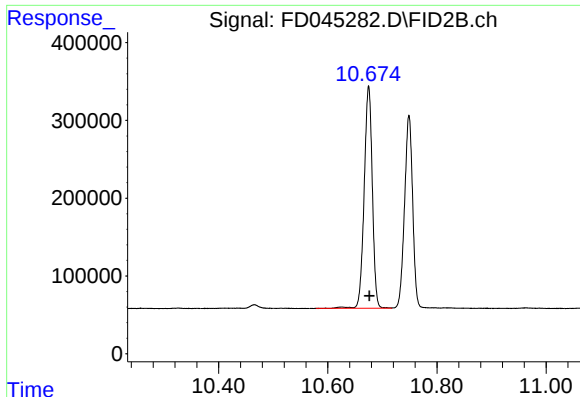
#7 Acenaphthene (C15.5)

R.T.: 8.505 min
Delta R.T.: -0.002 min
Response: 3133494
Conc: 20.67 ug/ml



#8 Flouorene (C16.55)

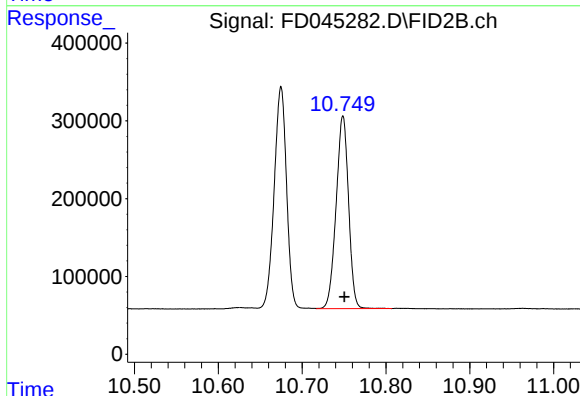
R.T.: 9.284 min
Delta R.T.: -0.002 min
Response: 3014778
Conc: 20.48 ug/ml



#9 Phenanthrene (C19.36)

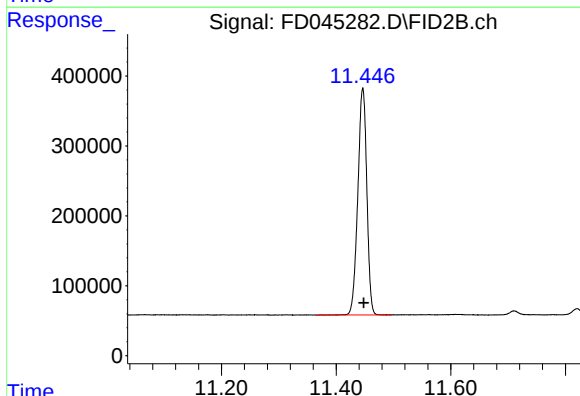
R.T.: 10.675 min
Delta R.T.: -0.001 min
Response: 2961221
Conc: 20.74 ug/ml

Instrument :
FID_D
ClientSampleId :



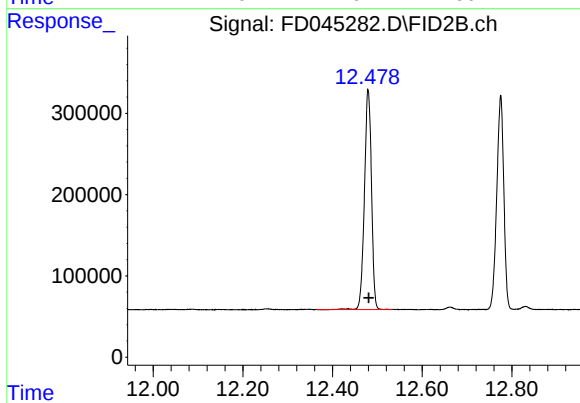
#10 Anthracene (C19.43)

R.T.: 10.749 min
Delta R.T.: -0.002 min
Response: 2555276
Conc: 18.24 ug/ml



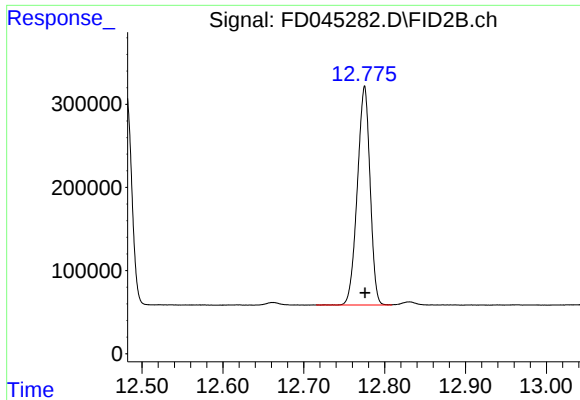
#11 ortho-Terphenyl (SURR)

R.T.: 11.446 min
Delta R.T.: -0.001 min
Response: 3529347
Conc: 21.20 ug/ml



#12 Fluoranthene (C21.85)

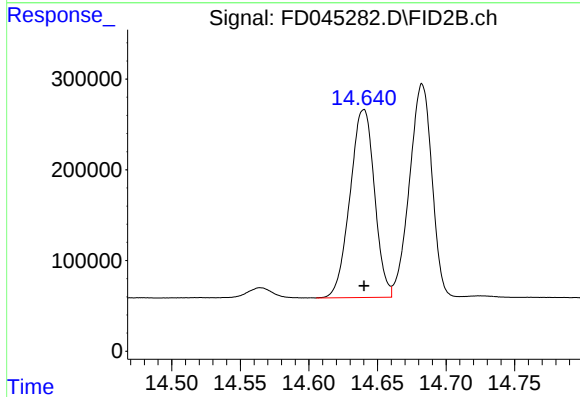
R.T.: 12.480 min
Delta R.T.: -0.001 min
Response: 2947086
Conc: 21.10 ug/ml



#13 Pyrene (C20.8)

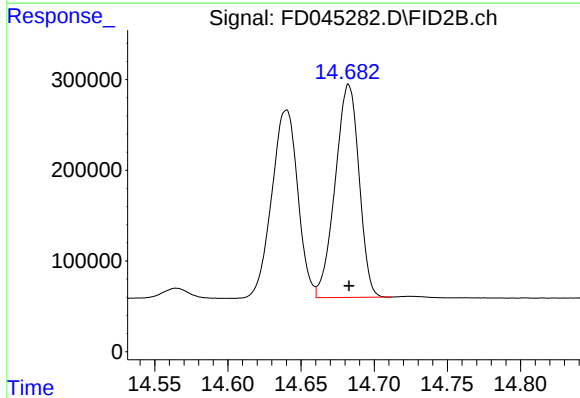
R.T.: 12.775 min
Delta R.T.: 0.000 min
Response: 2873927
Conc: 21.10 ug/ml

Instrument :
FID_D
ClientSampleId :



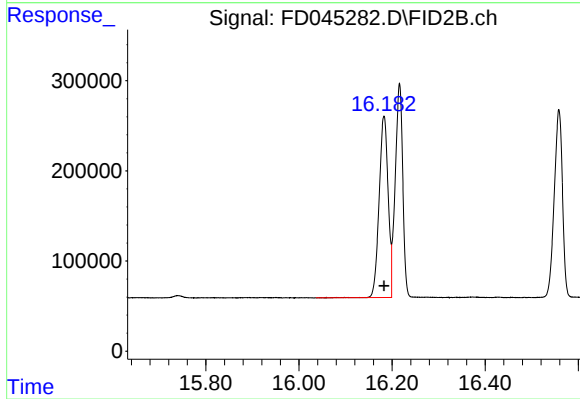
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.640 min
Delta R.T.: 0.000 min
Response: 2574894
Conc: 20.20 ug/ml



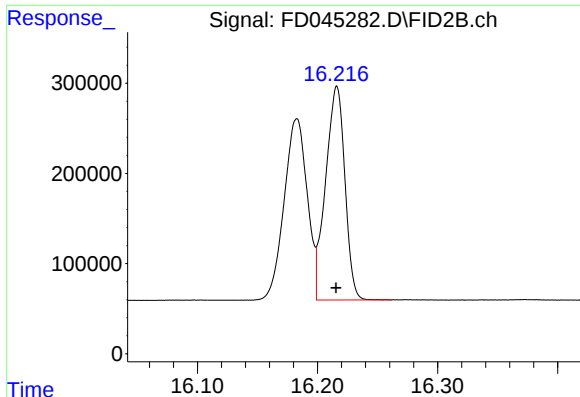
#15 Chrysene (C27.41)

R.T.: 14.682 min
Delta R.T.: 0.000 min
Response: 2665670
Conc: 20.45 ug/ml



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

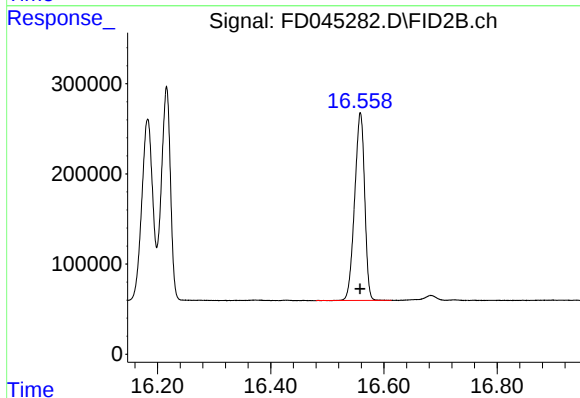
R.T.: 16.183 min
Delta R.T.: 0.000 min
Response: 2690456
Conc: 20.87 ug/ml



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

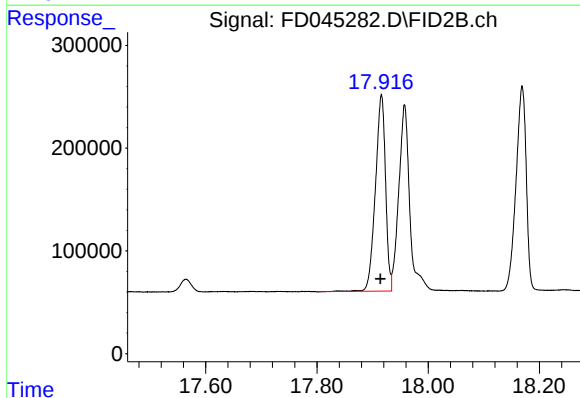
R.T.: 16.216 min
Delta R.T.: 0.000 min
Response: 2652374
Conc: 21.01 ug/ml

Instrument :
FID_D
ClientSampleId :



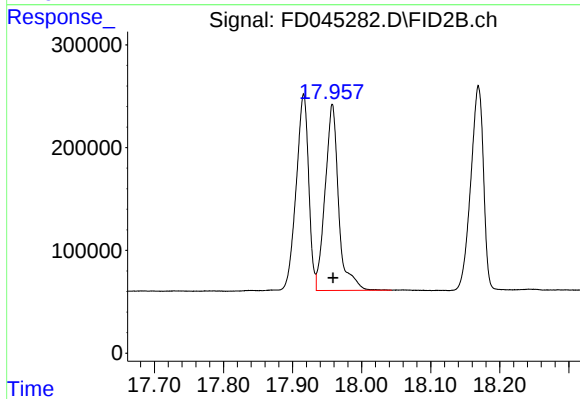
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.558 min
Delta R.T.: 0.000 min
Response: 2554288
Conc: 20.29 ug/ml



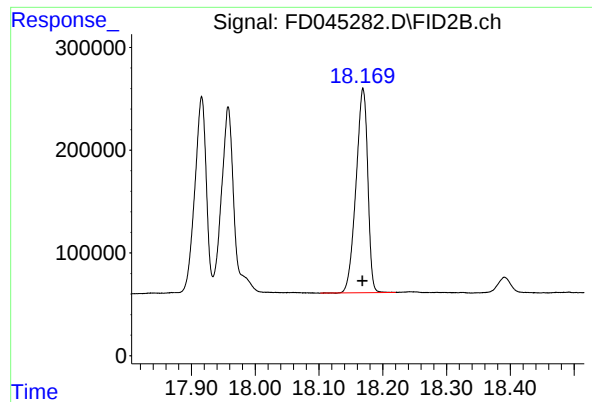
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.916 min
Delta R.T.: 0.002 min
Response: 2416501
Conc: 20.20 ug/ml



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

R.T.: 17.958 min
Delta R.T.: 0.000 min
Response: 2476086
Conc: 20.53 ug/ml



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

R.T.: 18.169 min
Delta R.T.: 0.000 min
Response: 2541166
Conc: 20.42 ug/ml

Instrument :

FID_D

ClientSampleId :