

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022724AR\
 Data File : FD047343.D
 Signal(s) : FID2B.ch
 Acq On : 27 Feb 2024 14:51
 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: Feb 28 01:59:00 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020824.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 08 13:43:49 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...	7.463	3265279	21.448 ug/ml
Spiked Amount 50.000		Recovery =	42.90%
6) S 2-Fluorobiphenyl (SURR)	8.315	2172331	21.491 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.98%
11) S ortho-Terphenyl (SURR)	11.352	3759370	21.315 ug/ml
Spiked Amount 50.000		Recovery =	42.63%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.280	3348673	21.241 ug/ml
2) T Naphthalene (C11.7)	5.804	3545164	21.331 ug/ml
3) T 2-Methylnaphthalene (...)	6.851	3609338	21.402 ug/ml
5) T Acenaphthylene (C15.06)	8.119	3285771	21.348 ug/ml
7) T Acenaphthene (C15.5)	8.414	3504833	21.263 ug/ml
8) T Flouorene (C16.55)	9.192	3422584	21.587 ug/ml
9) T Phenanthrene (C19.36)	10.580	3263899	21.009 ug/ml
10) T Anthracene (C19.43)	10.654	2699839	18.308 ug/ml
12) T Fluoranthene (C21.85)	12.382	3304908	21.345 ug/ml
13) T Pyrene (C20.8)	12.677	3164988	21.040 ug/ml
14) T Benzo[a]anthracene (C...	14.541	2787894	20.740 ug/ml
15) T Chrysene (C27.41)	14.583	2982959	20.371 ug/ml
16) T benzo[b]fluoranthene ...	16.083	2874383	20.877 ug/ml
17) T Bnezo[k]fluoranthene ...	16.115	2912262	20.988 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.458	2802794	20.704 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.816	2671445	21.161 ug/ml
20) T Dibenz[a,h]anthracene...	17.857	2851687	21.402 ug/ml
21) T Benzo[g,h,i]perylene ...	18.068	2822870	21.289 ug/ml

(f)=RT Delta > 1/2 Window

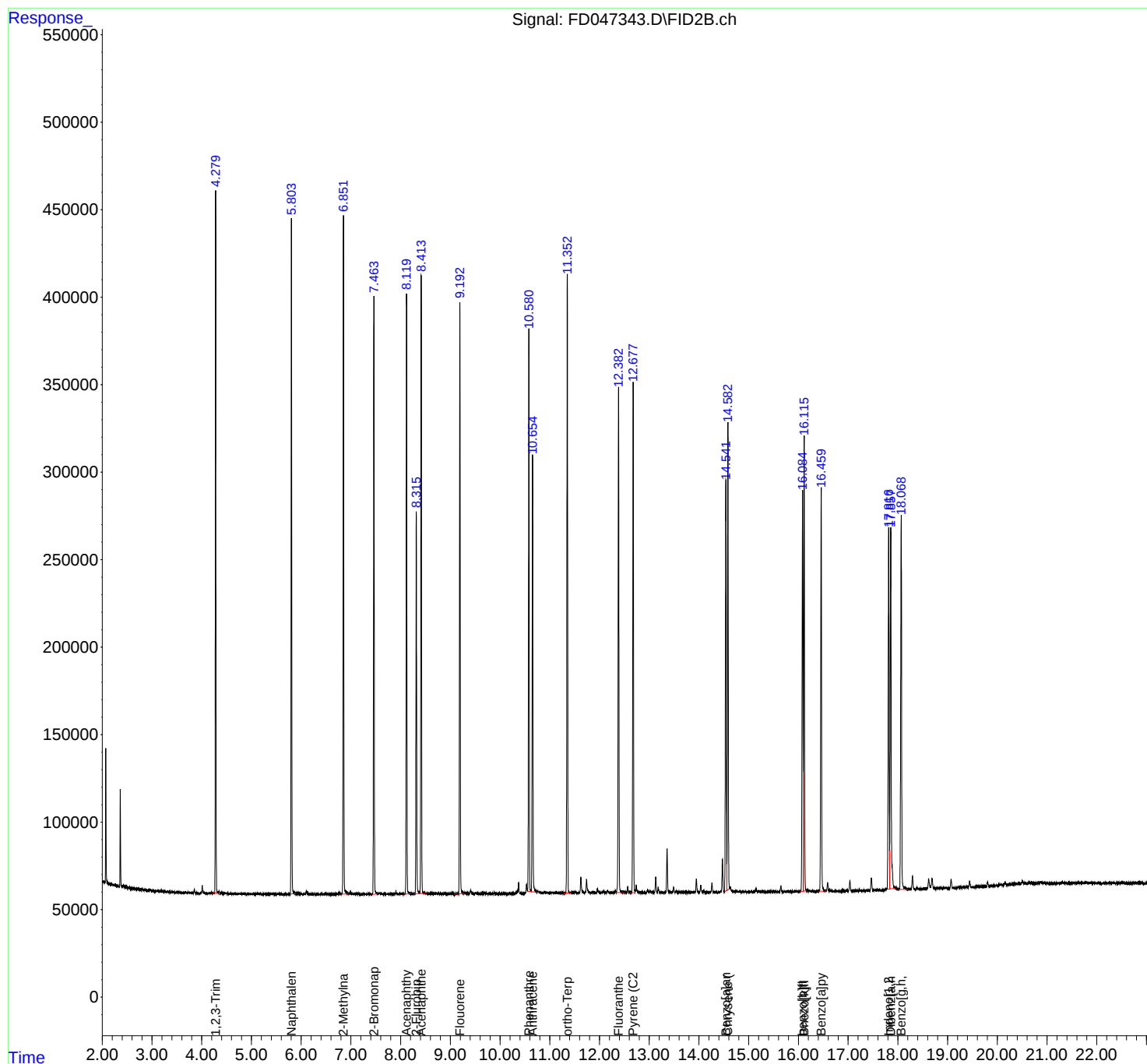
(m)=manual int.

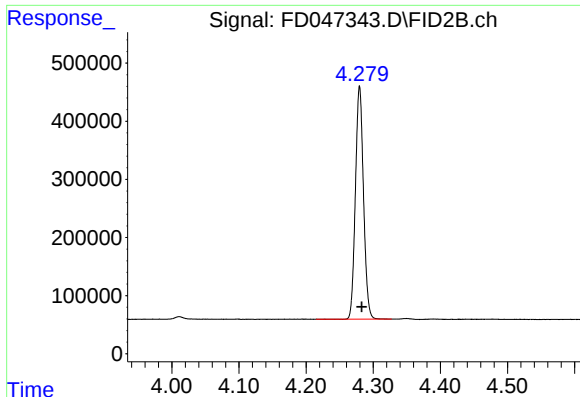
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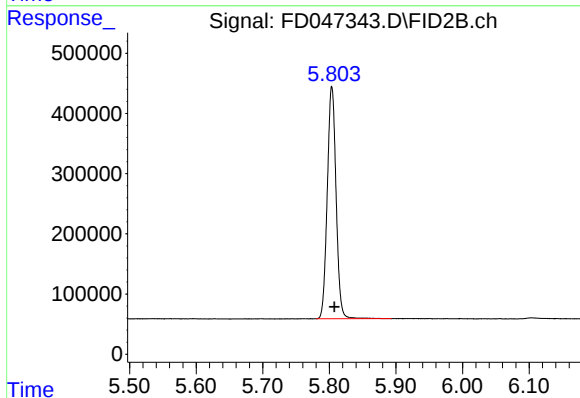




#1 1,2,3-Trimethylbenzene (C10.1)

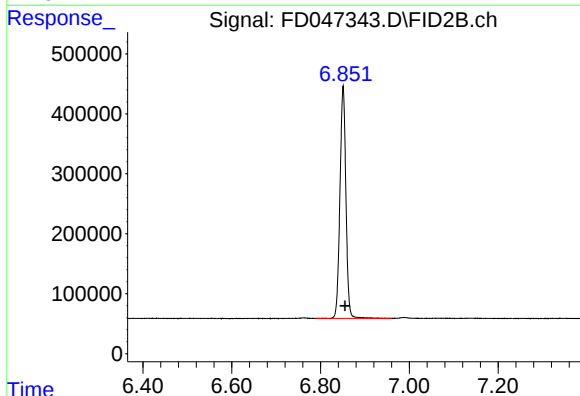
R.T.: 4.280 min
Delta R.T.: -0.003 min
Response: 3348673
Conc: 21.24 ug/ml

Instrument :
FID_D
ClientSampleId :



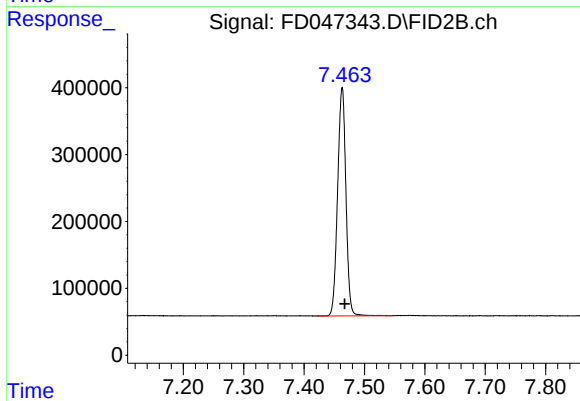
#2 Naphthalene (C11.7)

R.T.: 5.804 min
Delta R.T.: -0.004 min
Response: 3545164
Conc: 21.33 ug/ml



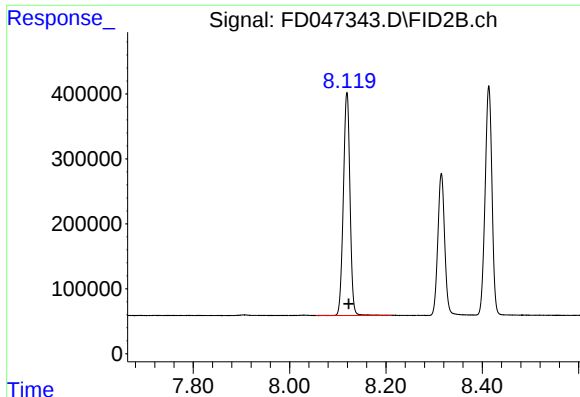
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.851 min
Delta R.T.: -0.004 min
Response: 3609338
Conc: 21.40 ug/ml



#4 2-Bromonaphthalene (SURR)

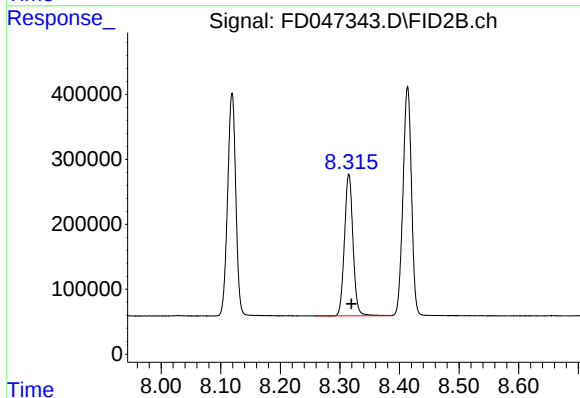
R.T.: 7.463 min
Delta R.T.: -0.004 min
Response: 3265279
Conc: 21.45 ug/ml



#5 Acenaphthylene (C15.06)

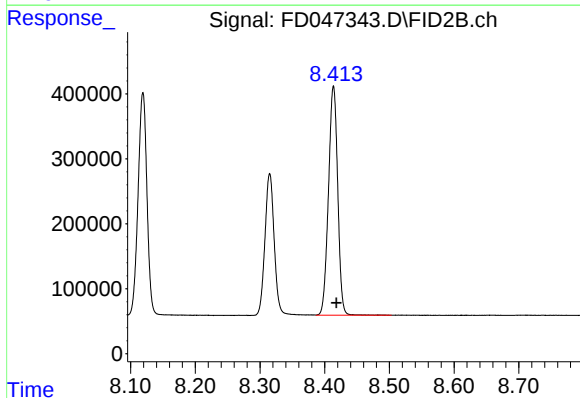
R.T.: 8.119 min
Delta R.T.: -0.004 min
Response: 3285771
Conc: 21.35 ug/ml

Instrument :
FID_D
ClientSampleId :



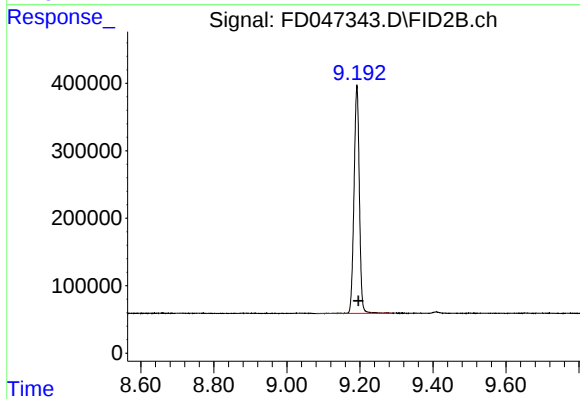
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.315 min
Delta R.T.: -0.004 min
Response: 2172331
Conc: 21.49 ug/ml



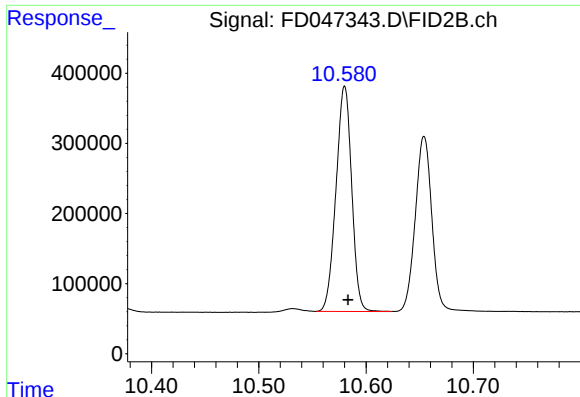
#7 Acenaphthene (C15.5)

R.T.: 8.414 min
Delta R.T.: -0.004 min
Response: 3504833
Conc: 21.26 ug/ml



#8 Fluorene (C16.55)

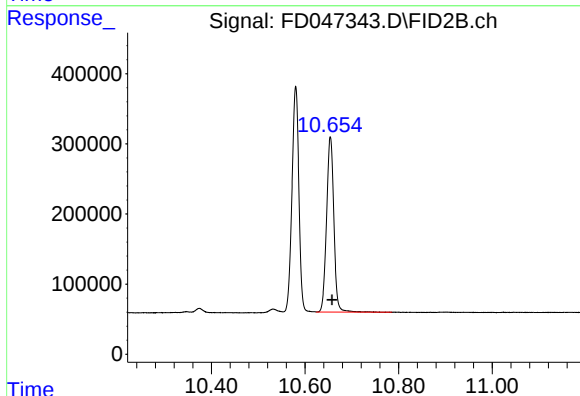
R.T.: 9.192 min
Delta R.T.: -0.004 min
Response: 3422584
Conc: 21.59 ug/ml



#9 Phenanthrene (C19.36)

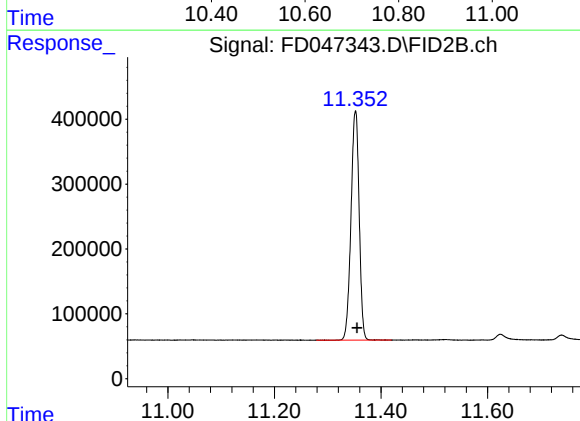
R.T.: 10.580 min
Delta R.T.: -0.003 min
Response: 3263899
Conc: 21.01 ug/ml

Instrument :
FID_D
ClientSampleId :



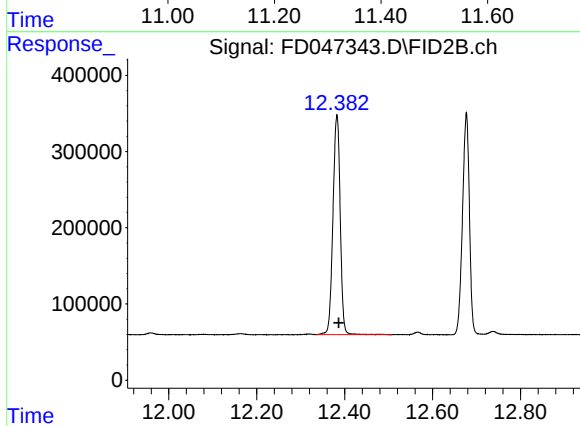
#10 Anthracene (C19.43)

R.T.: 10.654 min
Delta R.T.: -0.004 min
Response: 2699839
Conc: 18.31 ug/ml



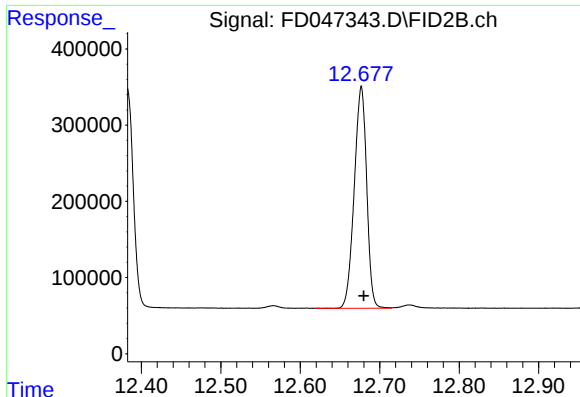
#11 ortho-Terphenyl (SURR)

R.T.: 11.352 min
Delta R.T.: -0.003 min
Response: 3759370
Conc: 21.32 ug/ml



#12 Fluoranthene (C21.85)

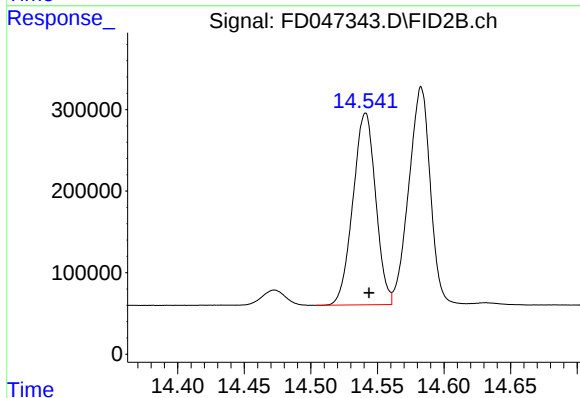
R.T.: 12.382 min
Delta R.T.: -0.004 min
Response: 3304908
Conc: 21.35 ug/ml



#13 Pyrene (C20.8)

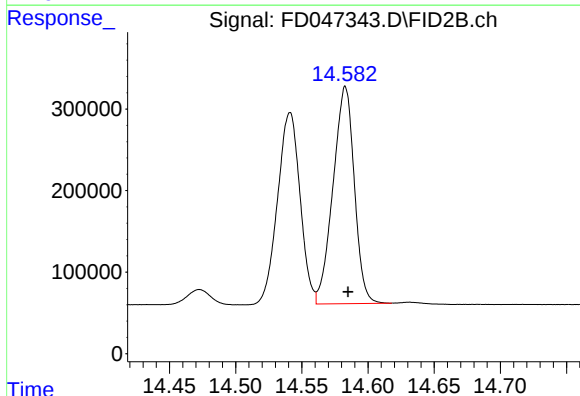
R.T.: 12.677 min
Delta R.T.: -0.003 min
Response: 3164988
Conc: 21.04 ug/ml

Instrument :
FID_D
ClientSampleId :



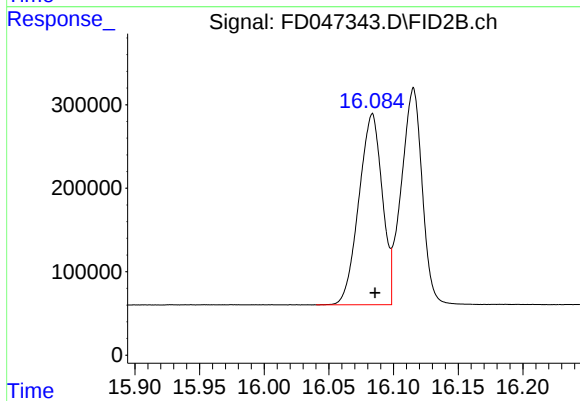
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.541 min
Delta R.T.: -0.003 min
Response: 2787894
Conc: 20.74 ug/ml



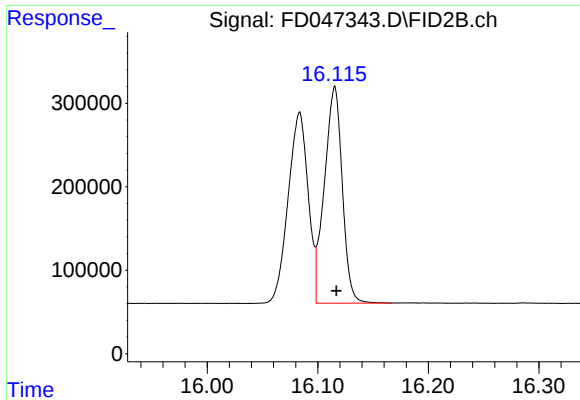
#15 Chrysene (C27.41)

R.T.: 14.583 min
Delta R.T.: -0.002 min
Response: 2982959
Conc: 20.37 ug/ml



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

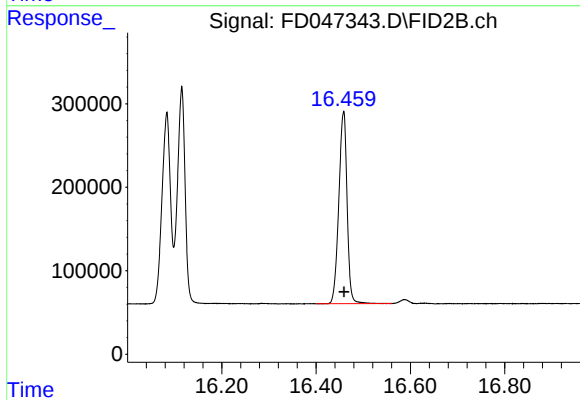
R.T.: 16.083 min
Delta R.T.: -0.002 min
Response: 2874383
Conc: 20.88 ug/ml



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

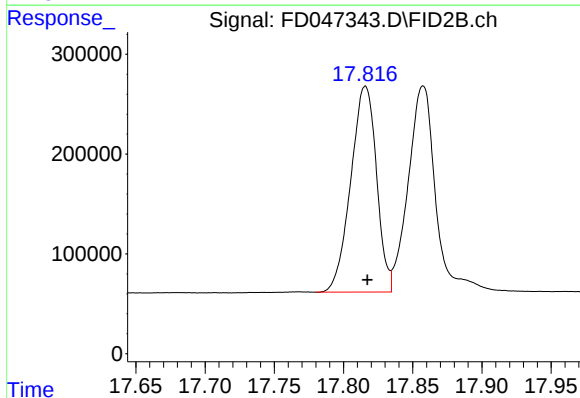
R.T.: 16.115 min
Delta R.T.: -0.002 min
Response: 2912262
Conc: 20.99 ug/ml

Instrument :
FID_D
ClientSampleId :



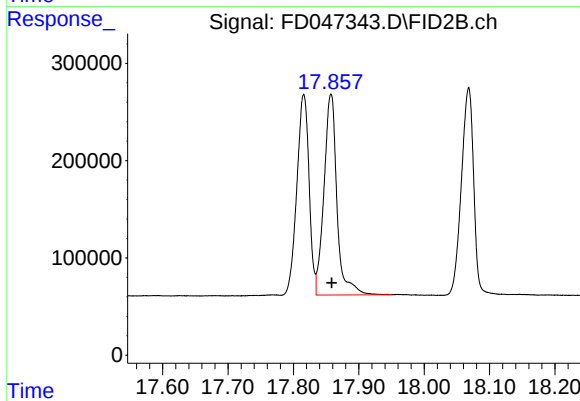
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.458 min
Delta R.T.: -0.002 min
Response: 2802794
Conc: 20.70 ug/ml



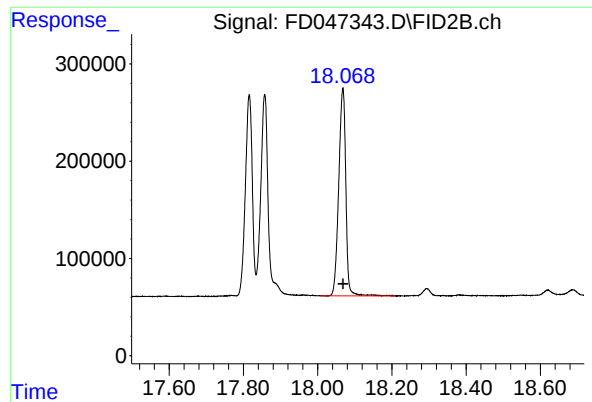
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.816 min
Delta R.T.: -0.002 min
Response: 2671445
Conc: 21.16 ug/ml



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

R.T.: 17.857 min
Delta R.T.: -0.001 min
Response: 2851687
Conc: 21.40 ug/ml



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

R.T.: 18.068 min
Delta R.T.: 0.000 min
Response: 2822870
Conc: 21.29 ug/ml

Instrument :

FID_D

ClientSampleId :