

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021424AR\
 Data File : FD047248.D
 Signal(s) : FID2B.ch
 Acq On : 14 Feb 2024 17:13
 Operator : YP/AJ
 Sample : PB159031BS
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB159031BS

Integration File: autoint1.e
 Quant Time: Feb 14 22:29:16 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...	7.467	8093175	53.160 ug/ml
Spiked Amount 50.000		Recovery =	106.32%
6) S 2-Fluorobiphenyl (SURR)	8.319	3714686	36.750 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	73.50%
11) S ortho-Terphenyl (SURR)	11.358	8686312	49.251 ug/ml
Spiked Amount 50.000		Recovery =	98.50%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.281	4361539	27.666 ug/ml
2) T Naphthalene (C11.7)	5.805	5597806	33.682 ug/ml
3) T 2-Methylnaphthalene (...)	6.854	6029801	35.755 ug/ml
5) T Acenaphthylene (C15.06)	8.124	7425697	48.246 ug/ml
7) T Acenaphthene (C15.5)	8.419	6812647	41.331 ug/ml
8) T Flouorene (C16.55)	9.199	8194291	51.684 ug/ml
9) T Phenanthrene (C19.36)	10.588	8410762	54.138 ug/ml
10) T Anthracene (C19.43)	10.663	8184641	55.502 ug/ml
12) T Fluoranthene (C21.85)	12.392	8723347	56.341 ug/ml
13) T Pyrene (C20.8)	12.687	8631087	57.377 ug/ml
14) T Benzo[a]anthracene (C...	14.552	8118745	60.396 ug/ml
15) T Chrysene (C27.41)	14.596	8108185	55.371 ug/ml
16) T benzo[b]fluoranthene ...	16.095	7807920	56.709 ug/ml
17) T Bnezo[k]fluoranthene ...	16.131	7820020	56.357 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.471	7426179	54.856 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.833	7850735	62.186 ug/ml
20) T Dibenz[a,h]anthracene...	17.871	7112764	53.383 ug/ml
21) T Benzo[g,h,i]perylene ...	18.086	7115742	53.665 ug/ml

(f)=RT Delta > 1/2 Window

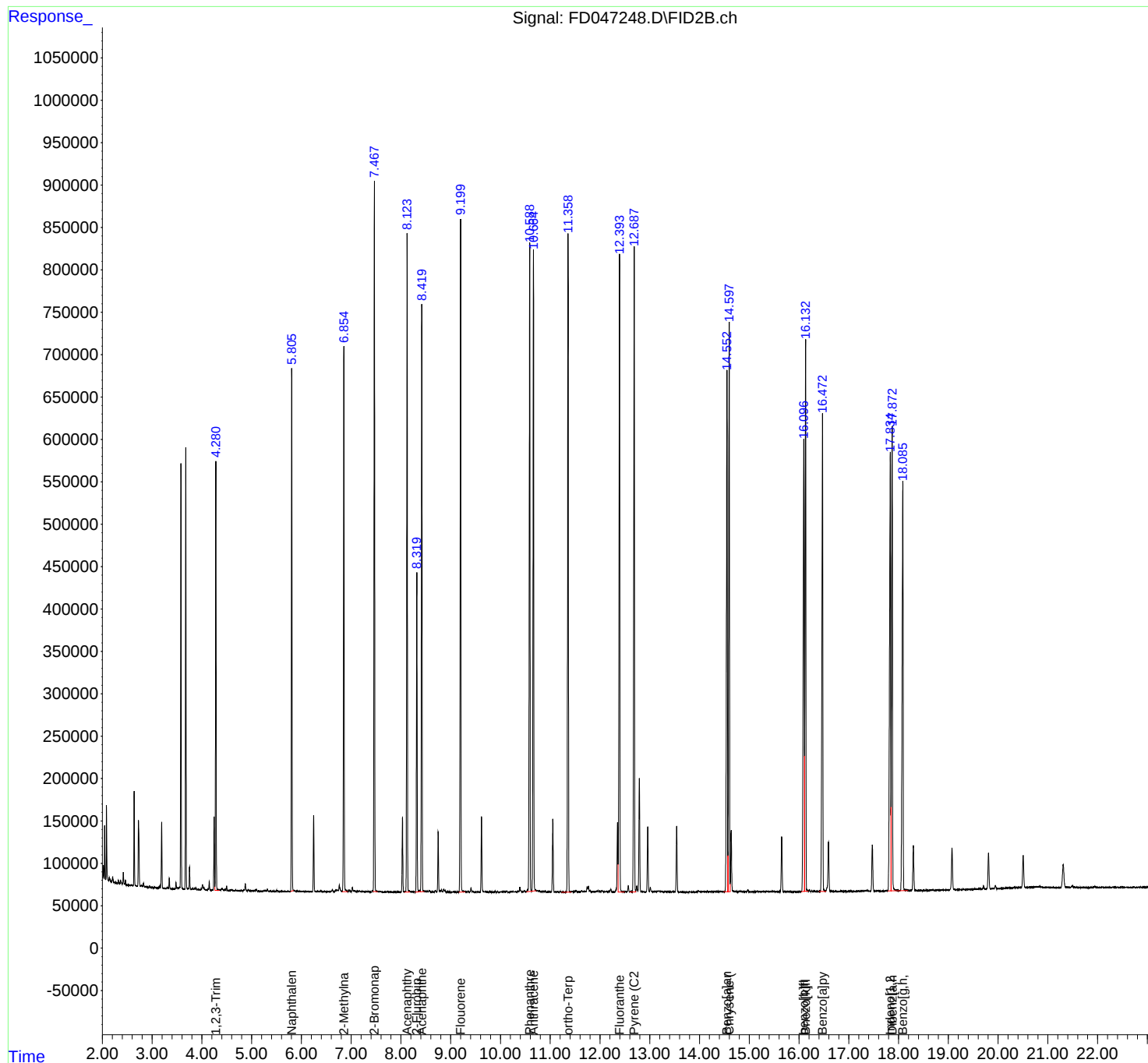
(m)=manual int.

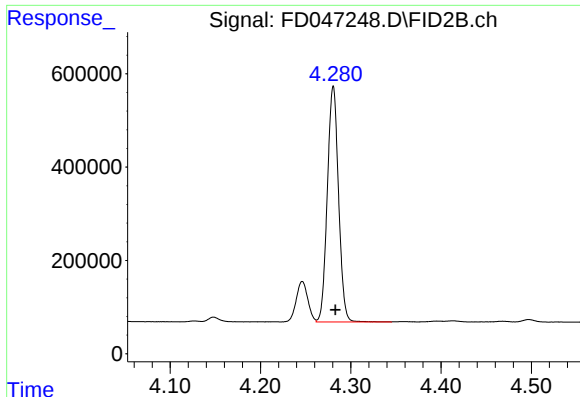
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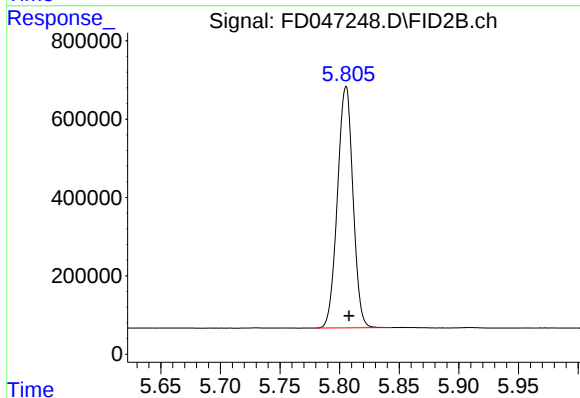




#1 1,2,3-Trimethylbenzene (C10.1)

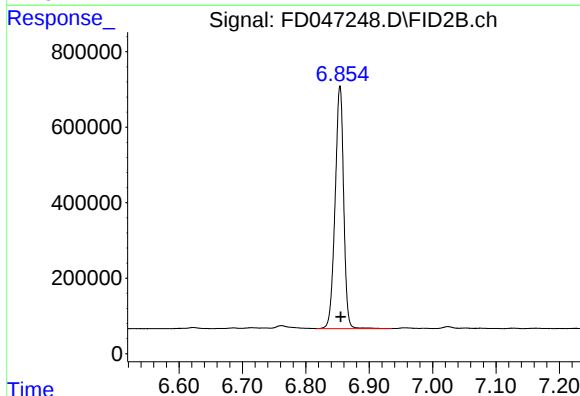
R.T.: 4.281 min
Delta R.T.: -0.002 min
Response: 4361539
Conc: 27.67 ug/ml

Instrument :
FID_D
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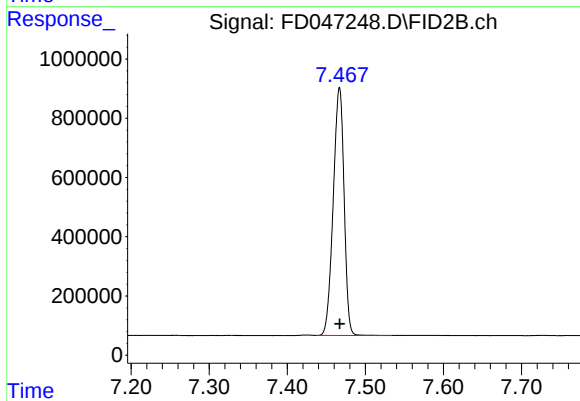
#2 Naphthalene (C11.7)

R.T.: 5.805 min
Delta R.T.: -0.003 min
Response: 5597806
Conc: 33.68 ug/ml



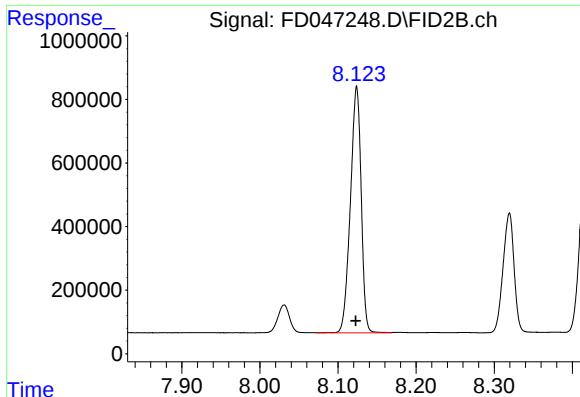
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.854 min
Delta R.T.: -0.001 min
Response: 6029801
Conc: 35.76 ug/ml



#4 2-Bromonaphthalene (SURR)

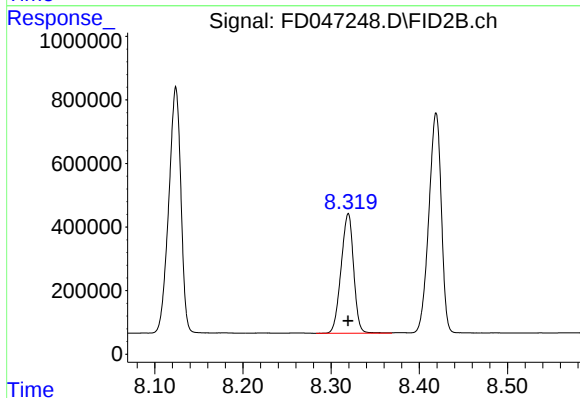
R.T.: 7.467 min
Delta R.T.: 0.000 min
Response: 8093175
Conc: 53.16 ug/ml



#5 Acenaphthylene (C15.06)

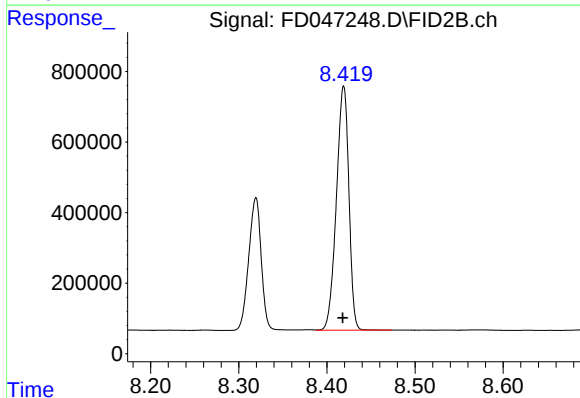
R.T.: 8.124 min
Delta R.T.: 0.000 min
Response: 7425697
Conc: 48.25 ug/ml

Instrument :
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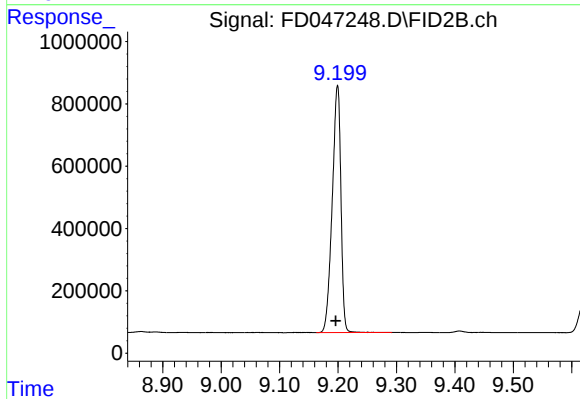
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.319 min
Delta R.T.: 0.000 min
Response: 3714686
Conc: 36.75 ug/ml



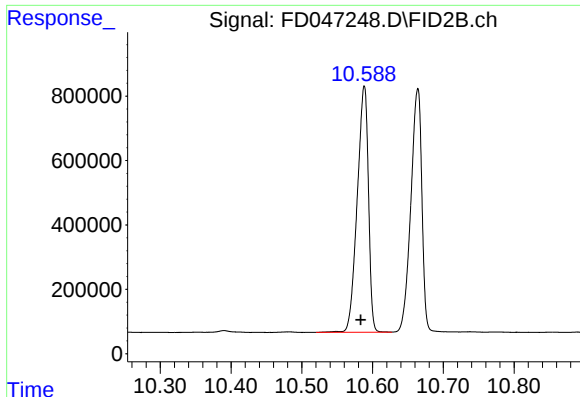
#7 Acenaphthene (C15.5)

R.T.: 8.419 min
Delta R.T.: 0.000 min
Response: 6812647
Conc: 41.33 ug/ml



#8 Fluorene (C16.55)

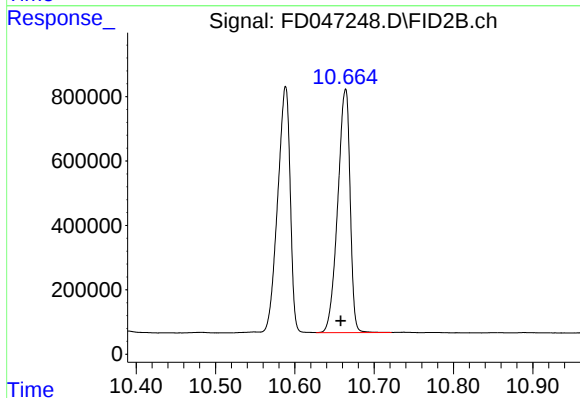
R.T.: 9.199 min
Delta R.T.: 0.003 min
Response: 8194291
Conc: 51.68 ug/ml



#9 Phenanthrene (C19.36)

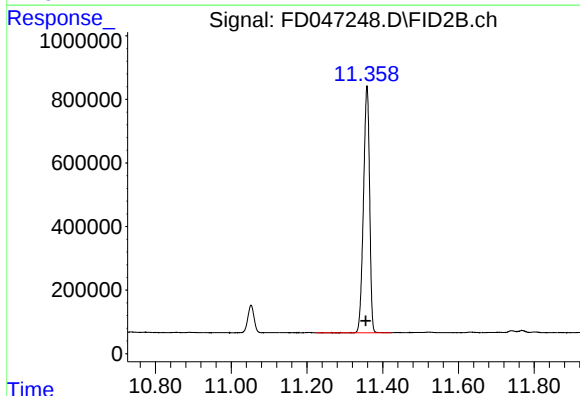
R.T.: 10.588 min
Delta R.T.: 0.005 min
Response: 8410762
Conc: 54.14 ug/ml

Instrument :
FID_D
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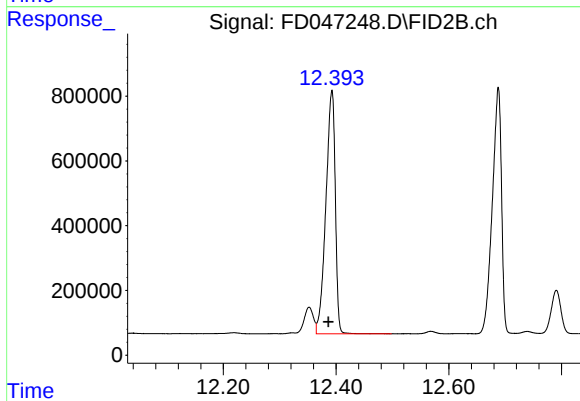
#10 Anthracene (C19.43)

R.T.: 10.663 min
Delta R.T.: 0.006 min
Response: 8184641
Conc: 55.50 ug/ml



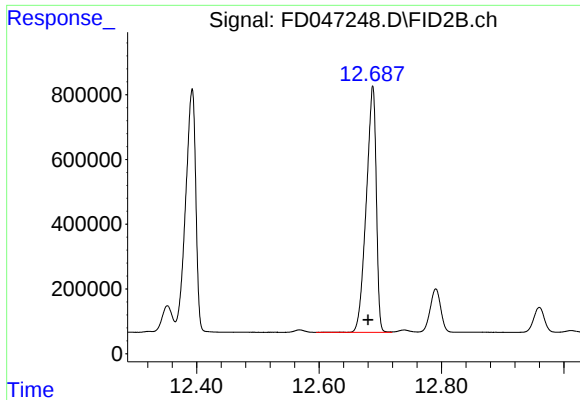
#11 ortho-Terphenyl (SURR)

R.T.: 11.358 min
Delta R.T.: 0.003 min
Response: 8686312
Conc: 49.25 ug/ml



#12 Fluoranthene (C21.85)

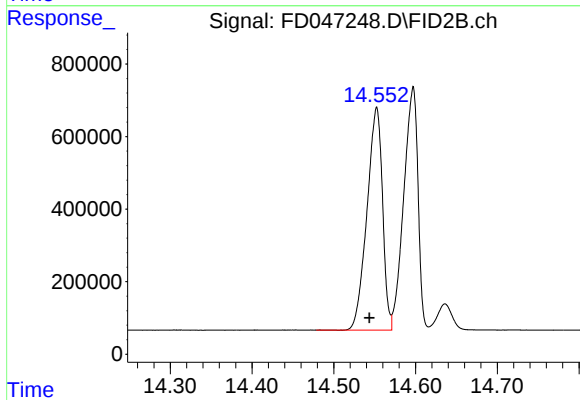
R.T.: 12.392 min
Delta R.T.: 0.006 min
Response: 8723347
Conc: 56.34 ug/ml



#13 Pyrene (C20.8)

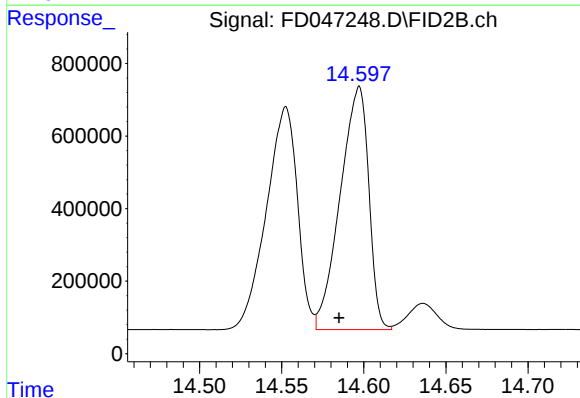
R.T.: 12.687 min
Delta R.T.: 0.007 min
Response: 8631087
Conc: 57.38 ug/ml

Instrument :
FID_D
ClientSampleId :
PB159031BS



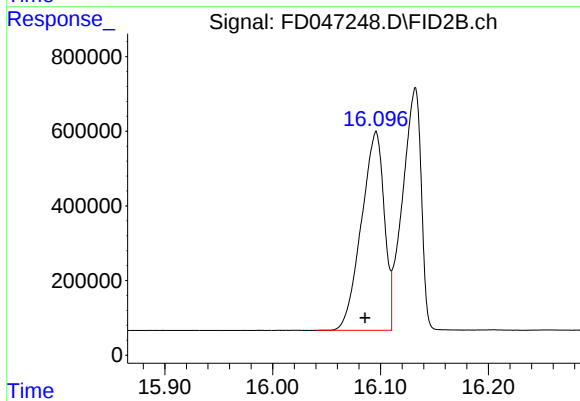
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.552 min
Delta R.T.: 0.008 min
Response: 8118745
Conc: 60.40 ug/ml



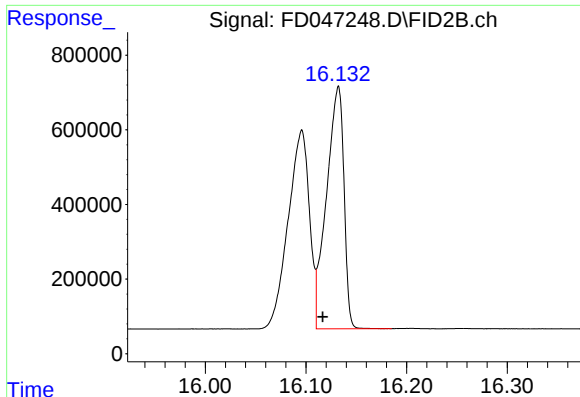
#15 Chrysene (C27.41)

R.T.: 14.596 min
Delta R.T.: 0.011 min
Response: 8108185
Conc: 55.37 ug/ml



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

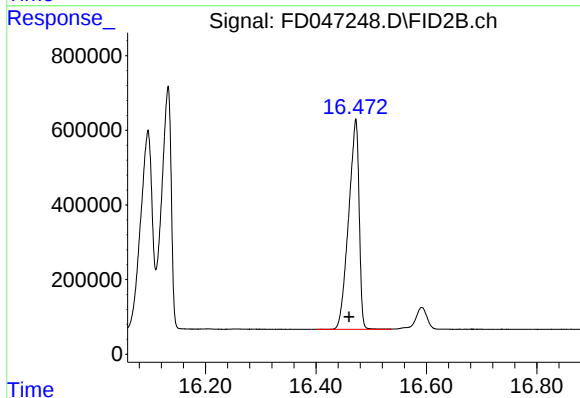
R.T.: 16.095 min
Delta R.T.: 0.010 min
Response: 7807920
Conc: 56.71 ug/ml



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

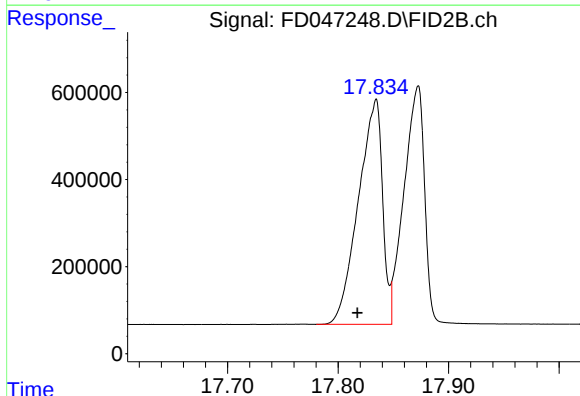
R.T.: 16.131 min
Delta R.T.: 0.015 min
Response: 7820020
Conc: 56.36 ug/ml

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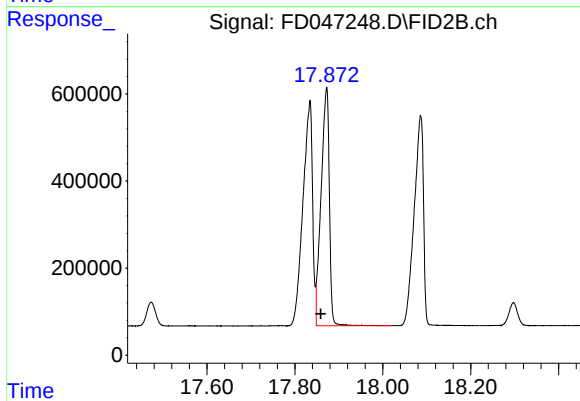
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.471 min
Delta R.T.: 0.012 min
Response: 7426179
Conc: 54.86 ug/ml



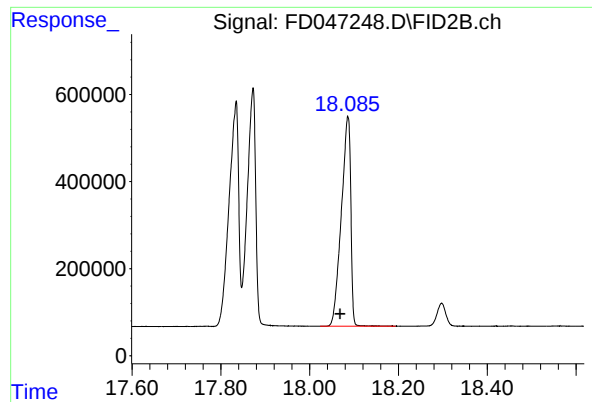
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.833 min
Delta R.T.: 0.016 min
Response: 7850735
Conc: 62.19 ug/ml



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

R.T.: 17.871 min
Delta R.T.: 0.013 min
Response: 7112764
Conc: 53.38 ug/ml



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

R.T.: 18.086 min
Delta R.T.: 0.017 min
Response: 7115742
Conc: 53.67 ug/ml

Instrument :

FID_D

ClientSampleId :

PB159031BS