

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052124AR\
 Data File : FD047802.D
 Signal(s) : FID2B.ch
 Acq On : 21 May 2024 16:59
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD3
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 21 17:31:45 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052124.M
 Quant Title : GC Extractables
 QLast Update : Tue May 21 17:31:28 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...	7.461	2842520	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	8.314	1898669	20.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.00%
11) S ortho-Terphenyl (SURR)	11.354	3217452	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.275	3177552	20.000 ug/ml
2) T Naphthalene (C11.7)	5.799	3304503	20.000 ug/ml
3) T 2-Methylnaphthalene (...)	6.848	3334388	20.000 ug/ml
5) T Acenaphthylene (C15.06)	8.117	3298715	20.000 ug/ml
7) T Acenaphthene (C15.5)	8.412	3307774	20.000 ug/ml
8) T Flouorene (C16.55)	9.191	3188840	20.000 ug/ml
9) T Phenanthrene (C19.36)	10.581	3122369	20.000 ug/ml
10) T Anthracene (C19.43)	10.656	3045801	20.000 ug/ml
12) T Fluoranthene (C21.85)	12.388	3071014	20.000 ug/ml
13) T Pyrene (C20.8)	12.683	3052764	20.000 ug/ml
14) T Benzo[a]anthracene (C...	14.553	2821704	20.000 ug/ml
15) T Chrysene (C27.41)	14.594	2969409	20.000 ug/ml
16) T benzo[b]fluoranthene ...	16.100	2866618	20.000 ug/ml
17) T Bnezo[k]fluoranthene ...	16.131	2755271	20.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.476	2825977	20.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.839	2360714	20.000 ug/ml
20) T Dibenz[a,h]anthracene...	17.879	2751956	20.000 ug/ml
21) T Benzo[g,h,i]perylene ...	18.090	2724713	20.000 ug/ml

(f)=RT Delta > 1/2 Window

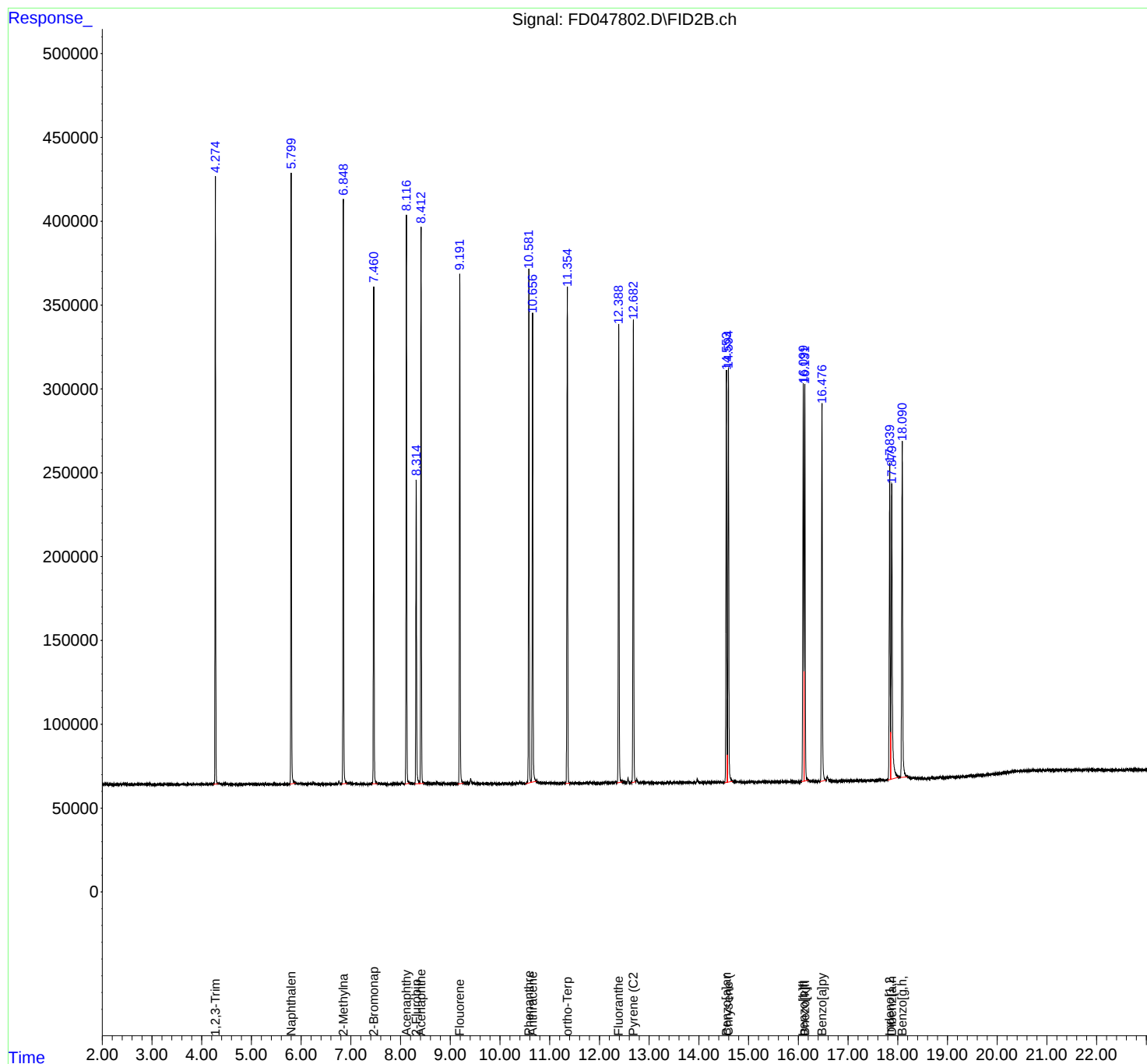
(m)=manual int.

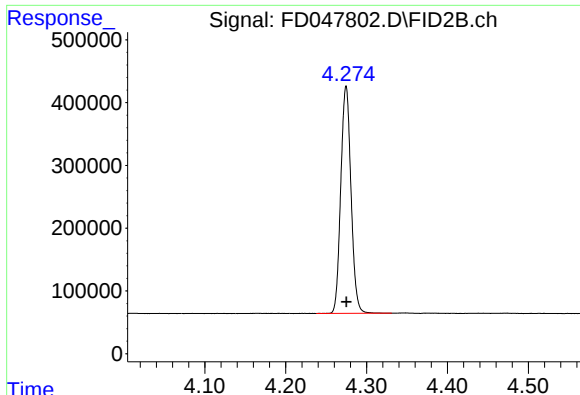
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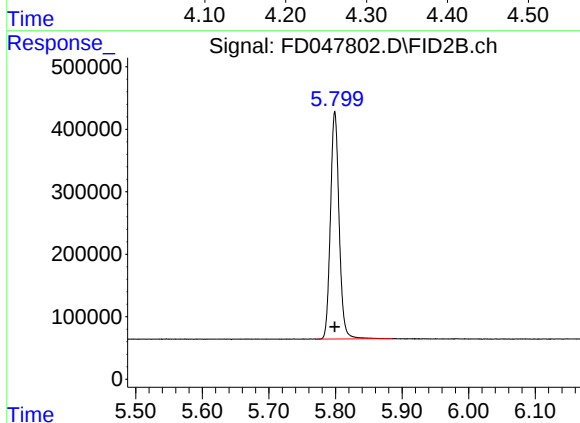




#1 1,2,3-Trimethylbenzene (C10.1)

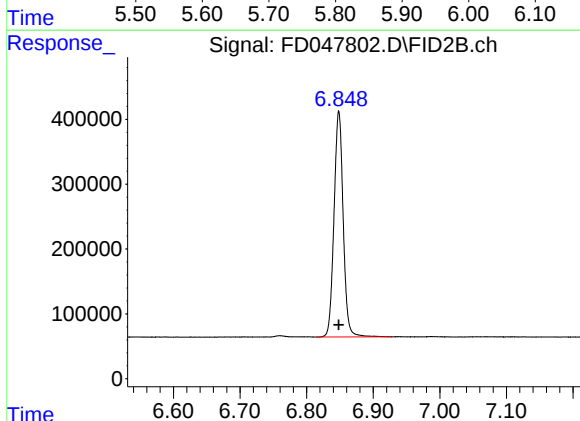
R.T.: 4.275 min
Delta R.T.: 0.000 min
Response: 3177552
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :



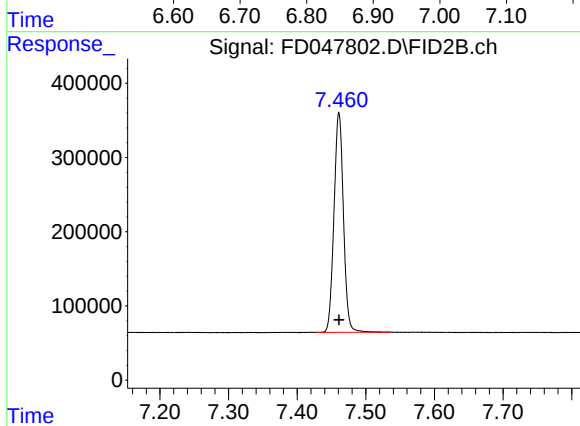
#2 Naphthalene (C11.7)

R.T.: 5.799 min
Delta R.T.: 0.000 min
Response: 3304503
Conc: 20.00 ug/ml



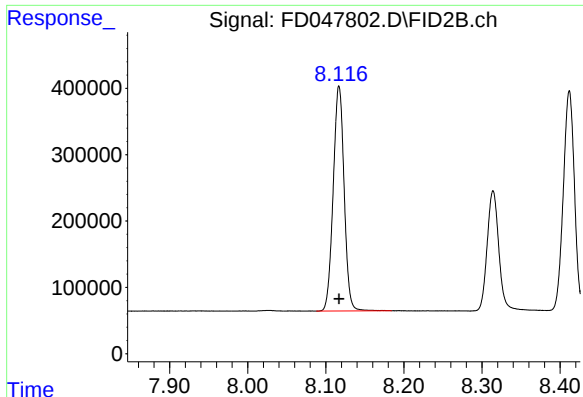
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.848 min
Delta R.T.: 0.000 min
Response: 3334388
Conc: 20.00 ug/ml



#4 2-Bromonaphthalene (SURR)

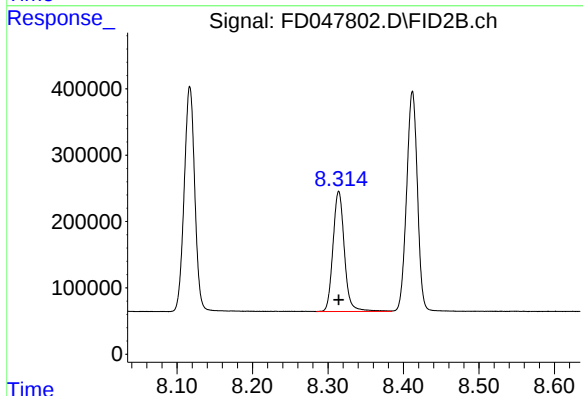
R.T.: 7.461 min
Delta R.T.: 0.000 min
Response: 2842520
Conc: 20.00 ug/ml



#5 Acenaphthylene (C15.06)

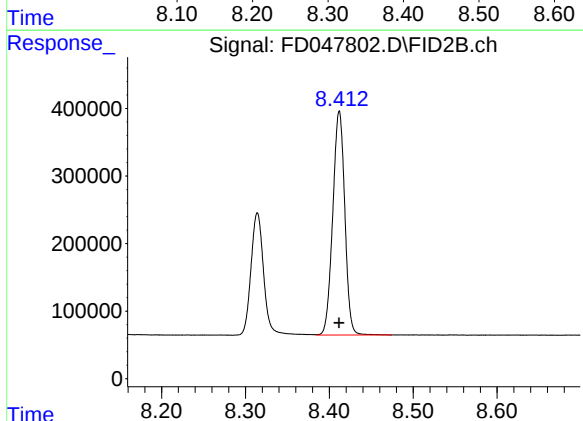
R.T.: 8.117 min
Delta R.T.: 0.000 min
Response: 3298715
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :



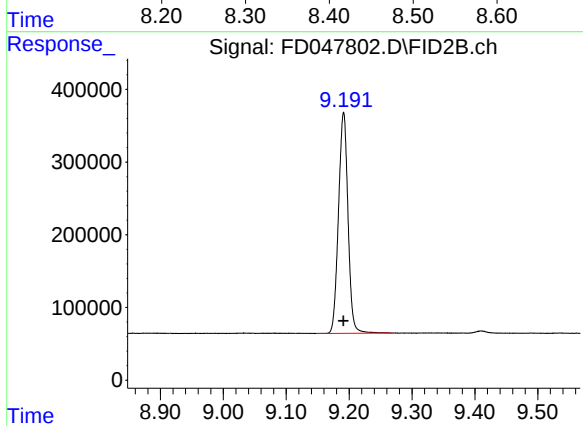
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.314 min
Delta R.T.: 0.000 min
Response: 1898669
Conc: 20.00 ug/ml



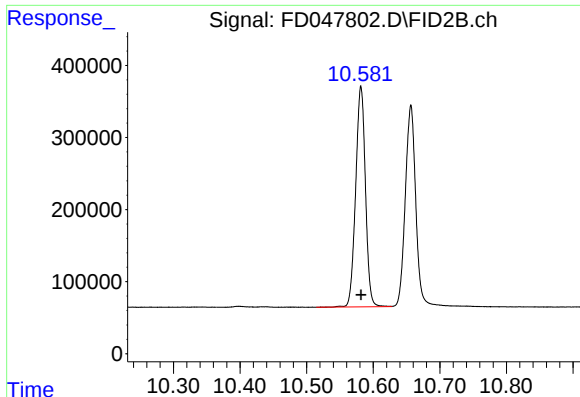
#7 Acenaphthene (C15.5)

R.T.: 8.412 min
Delta R.T.: 0.000 min
Response: 3307774
Conc: 20.00 ug/ml



#8 Flouorene (C16.55)

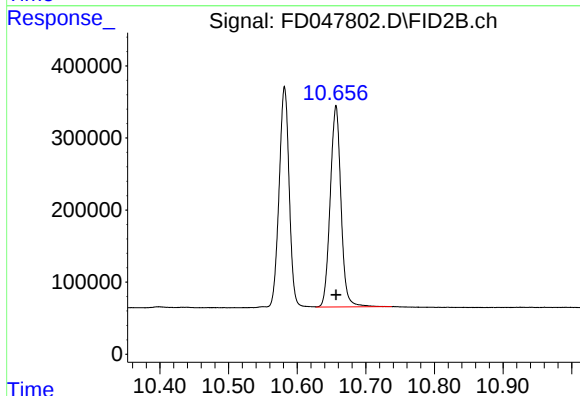
R.T.: 9.191 min
Delta R.T.: 0.000 min
Response: 3188840
Conc: 20.00 ug/ml



#9 Phenanthrene (C19.36)

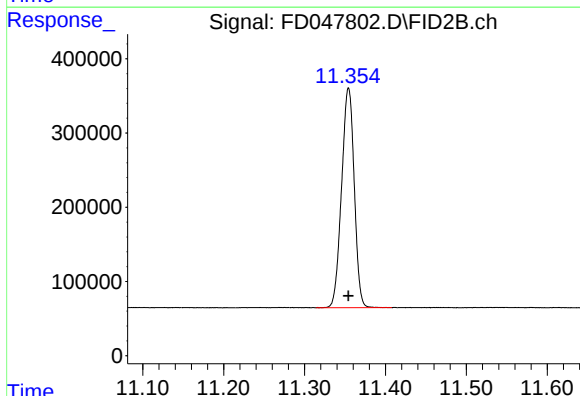
R.T.: 10.581 min
Delta R.T.: 0.000 min
Response: 3122369
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :



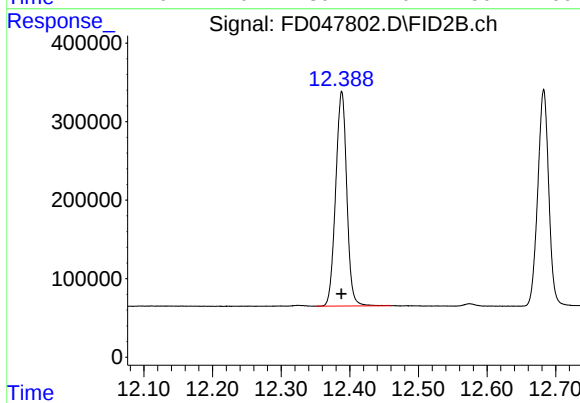
#10 Anthracene (C19.43)

R.T.: 10.656 min
Delta R.T.: 0.000 min
Response: 3045801
Conc: 20.00 ug/ml



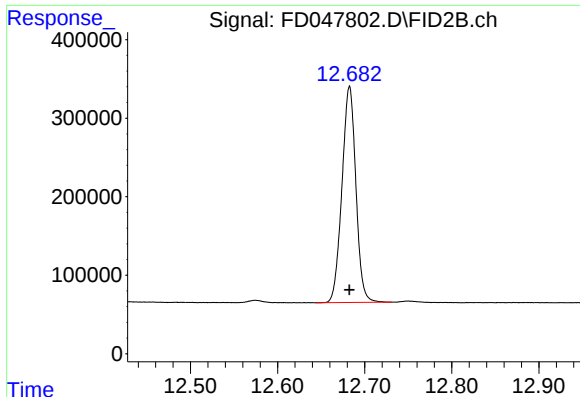
#11 ortho-Terphenyl (SURR)

R.T.: 11.354 min
Delta R.T.: 0.000 min
Response: 3217452
Conc: 20.00 ug/ml



#12 Fluoranthene (C21.85)

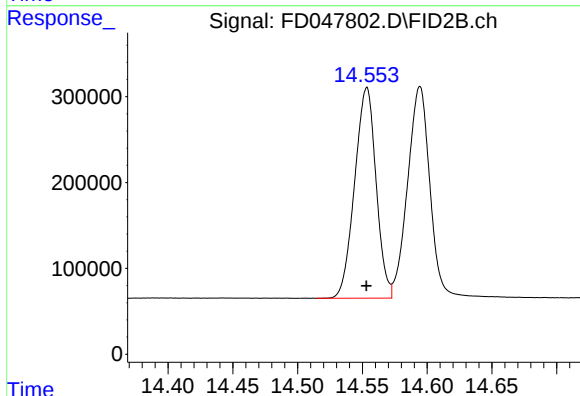
R.T.: 12.388 min
Delta R.T.: 0.000 min
Response: 3071014
Conc: 20.00 ug/ml



#13 Pyrene (C20.8)

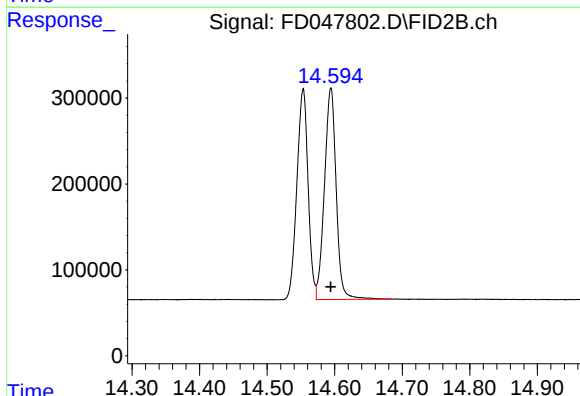
R.T.: 12.683 min
Delta R.T.: 0.000 min
Response: 3052764
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :



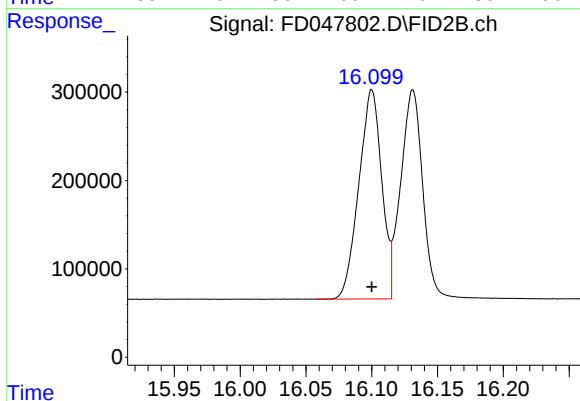
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.553 min
Delta R.T.: 0.000 min
Response: 2821704
Conc: 20.00 ug/ml



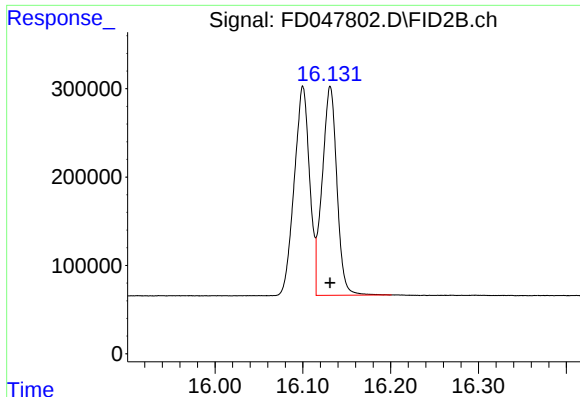
#15 Chrysene (C27.41)

R.T.: 14.594 min
Delta R.T.: 0.000 min
Response: 2969409
Conc: 20.00 ug/ml



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

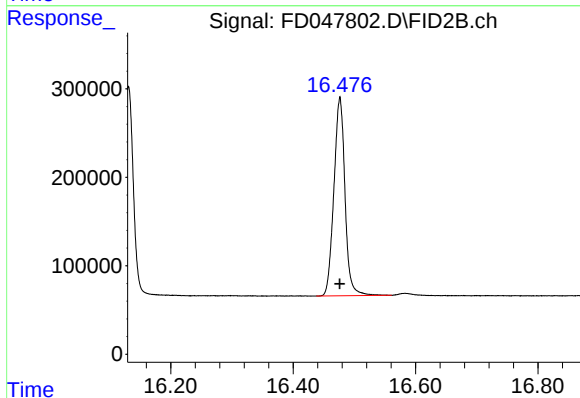
R.T.: 16.100 min
Delta R.T.: 0.000 min
Response: 2866618
Conc: 20.00 ug/ml



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

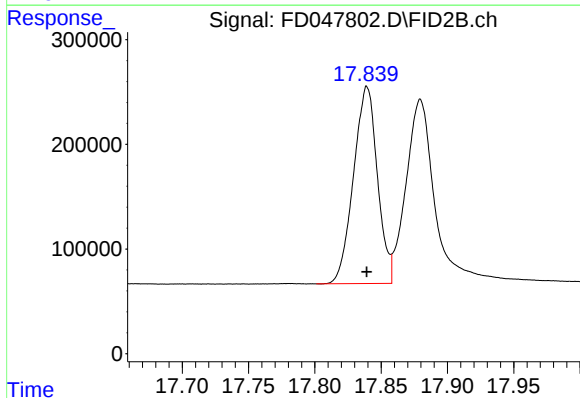
R.T.: 16.131 min
Delta R.T.: 0.000 min
Response: 2755271
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :



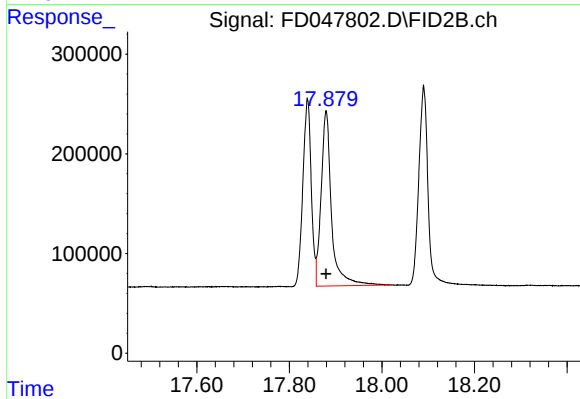
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.476 min
Delta R.T.: 0.000 min
Response: 2825977
Conc: 20.00 ug/ml



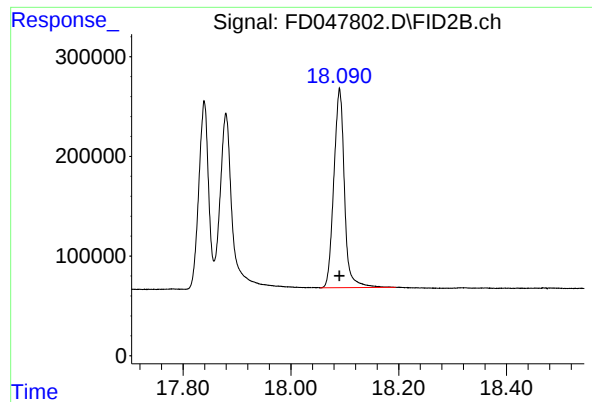
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.839 min
Delta R.T.: 0.000 min
Response: 2360714
Conc: 20.00 ug/ml



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

R.T.: 17.879 min
Delta R.T.: 0.000 min
Response: 2751956
Conc: 20.00 ug/ml



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

R.T.: 18.090 min
Delta R.T.: 0.000 min
Response: 2724713
Conc: 20.00 ug/ml

Instrument :

FID_D

ClientSampleId :