

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122322AR\
 Data File : FD044698.D
 Signal(s) : FID2B.ch
 Acq On : 24 Dec 2022 01:08
 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: Dec 25 14:28:38 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112922.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 29 00:29:41 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...	7.663	1416902	10.918 ug/ml
Spiked Amount 50.000		Recovery =	21.84%
6) S 2-Fluorobiphenyl (SURR)	8.520	1819765	20.605 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.21%
11) S ortho-Terphenyl (SURR)	11.549	3383601	20.791 ug/ml
Spiked Amount 50.000		Recovery =	41.58%
Target Compounds			
5) T Acenaphthylene (C15.06)	8.325	2861647	20.585 ug/ml
7) T Acenaphthene (C15.5)	8.619	3055606	20.821 ug/ml
9) T Phenanthrene (C19.36)	10.784	2879757	20.194 ug/ml
10) T Anthracene (C19.43)	10.858	2804766	20.188 ug/ml
12) T Fluoranthene (C21.85)	12.586	2944187	20.653 ug/ml
13) T Pyrene (C20.8)	12.880	2860154	20.552 ug/ml
14) T Benzo[a]anthracene (C...	14.783	2793346	21.589 ug/ml
15) T Chrysene (C27.41)	14.783	2793346	20.720 ug/ml
16) T benzo[b]fluoranthene ...	16.314	2775115	21.084 ug/ml
17) T Bnezo[k]fluoranthene ...	16.314	2775115	21.311 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.657	2682999	20.760 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.054	2637244	20.692 ug/ml
20) T Dibenz[a,h]anthracene...	18.054	2637244	20.960 ug/ml
21) T Benzo[g,h,i]perylene ...	18.264	2392951	18.605 ug/ml

(f)=RT Delta > 1/2 Window

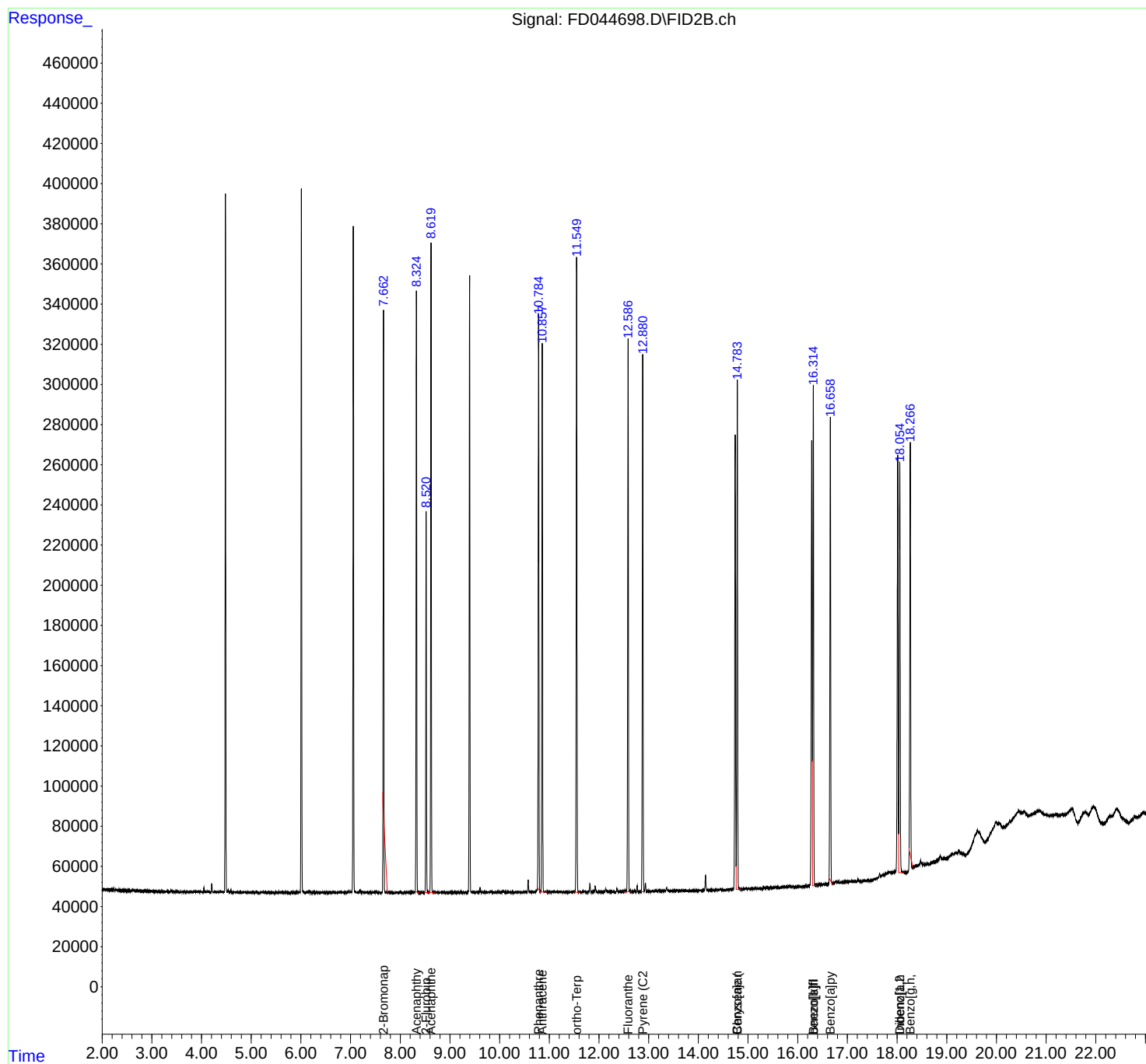
(m)=manual int.

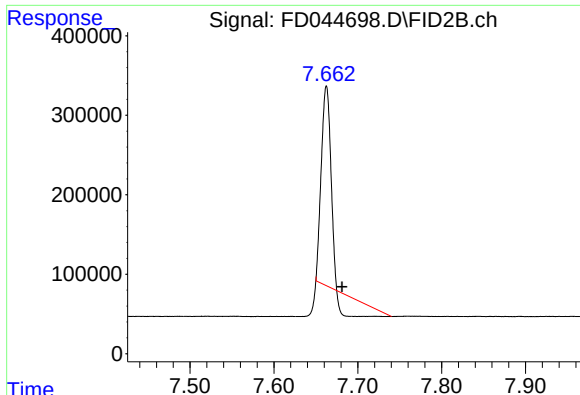
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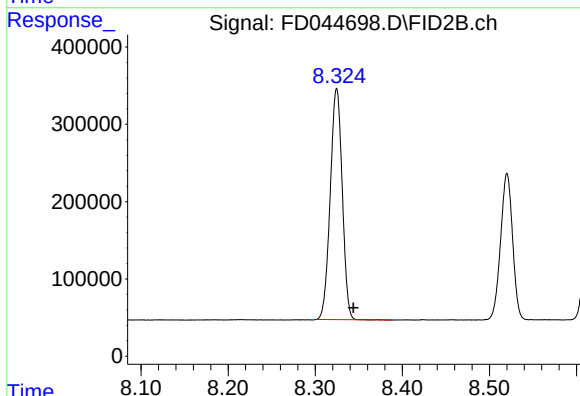




#4 2-Bromonaphthalene (SURR)

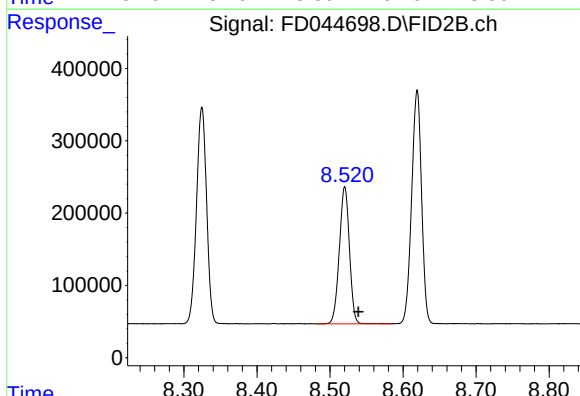
R.T.: 7.663 min
Delta R.T.: -0.019 min
Response: 1416902
Conc: 10.92 ug/ml

Instrument :
FID_D
ClientSampleId :



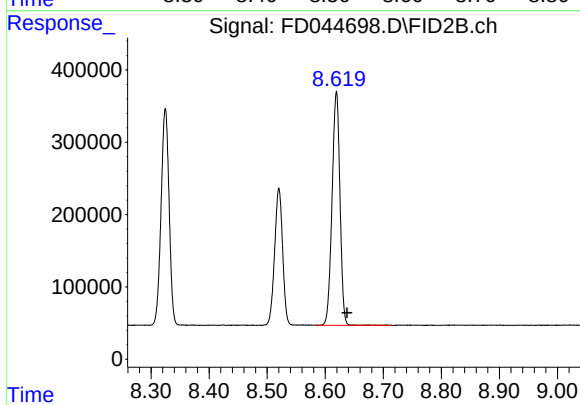
#5 Acenaphthylene (C15.06)

R.T.: 8.325 min
Delta R.T.: -0.019 min
Response: 2861647
Conc: 20.58 ug/ml



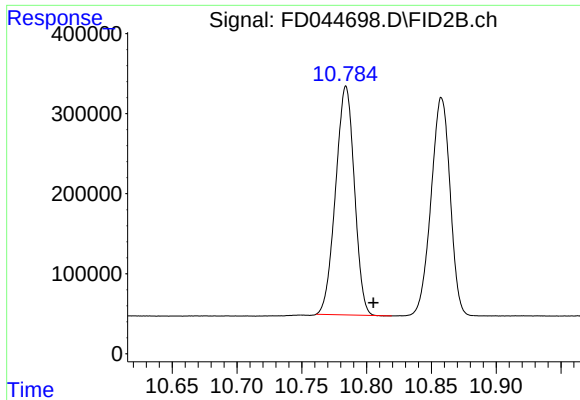
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.520 min
Delta R.T.: -0.019 min
Response: 1819765
Conc: 20.60 ug/ml



#7 Acenaphthene (C15.5)

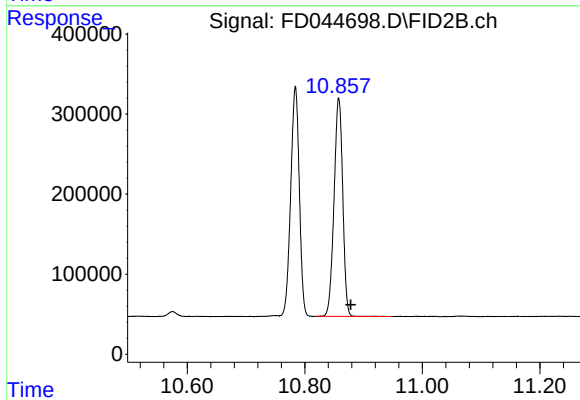
R.T.: 8.619 min
Delta R.T.: -0.019 min
Response: 3055606
Conc: 20.82 ug/ml



#9 Phenanthrene (C19.36)

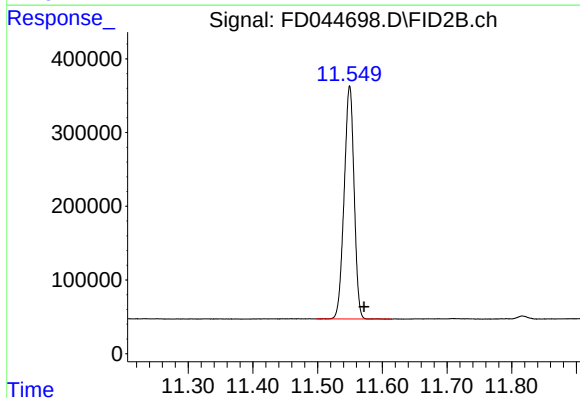
R.T.: 10.784 min
Delta R.T.: -0.022 min
Response: 2879757
Conc: 20.19 ug/ml

Instrument :
FID_D
ClientSampleId :



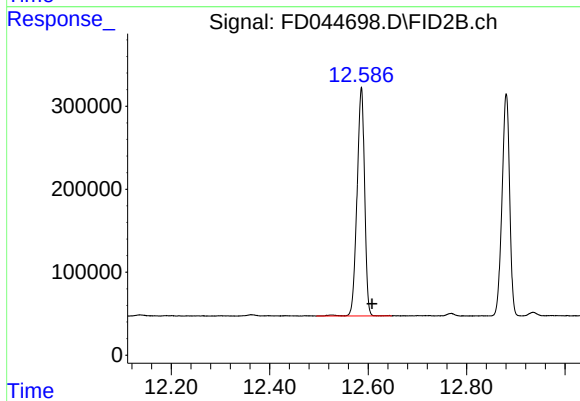
#10 Anthracene (C19.43)

R.T.: 10.858 min
Delta R.T.: -0.021 min
Response: 2804766
Conc: 20.19 ug/ml



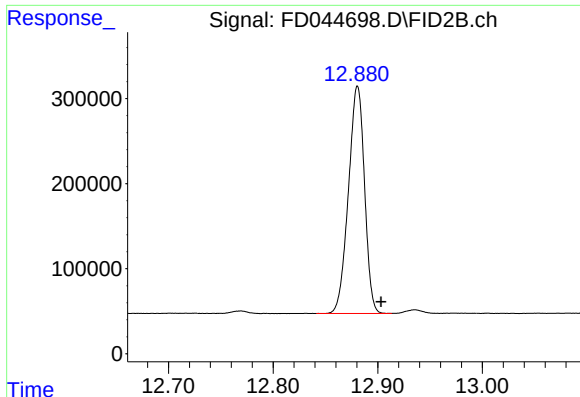
#11 ortho-Terphenyl (SURR)

R.T.: 11.549 min
Delta R.T.: -0.023 min
Response: 3383601
Conc: 20.79 ug/ml



#12 Fluoranthene (C21.85)

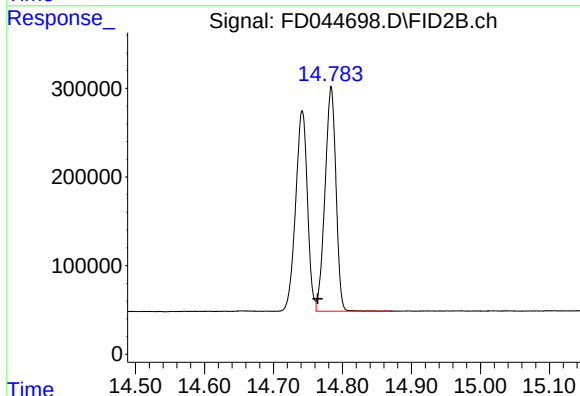
R.T.: 12.586 min
Delta R.T.: -0.023 min
Response: 2944187
Conc: 20.65 ug/ml



#13 Pyrene (C20.8)

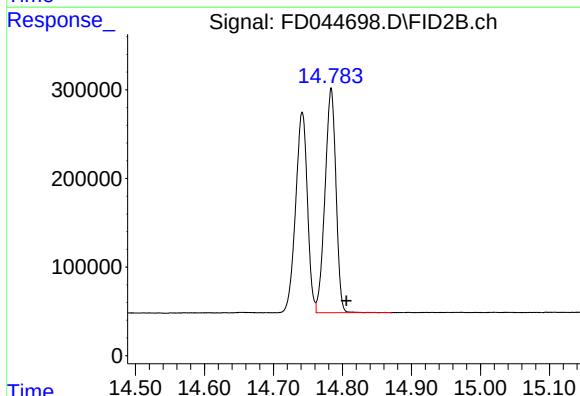
R.T.: 12.880 min
Delta R.T.: -0.023 min
Response: 2860154
Conc: 20.55 ug/ml

Instrument :
FID_D
ClientSampleId :



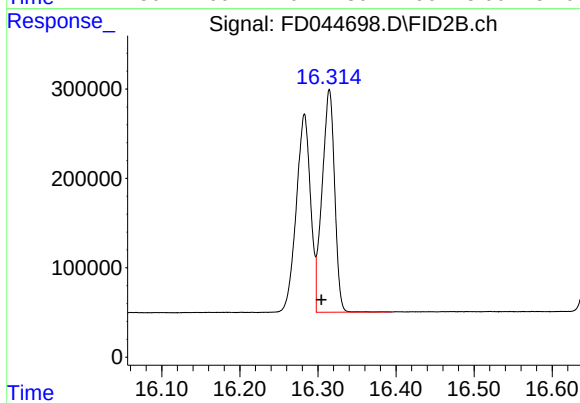
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.783 min
Delta R.T.: 0.019 min
Response: 2793346
Conc: 21.59 ug/ml



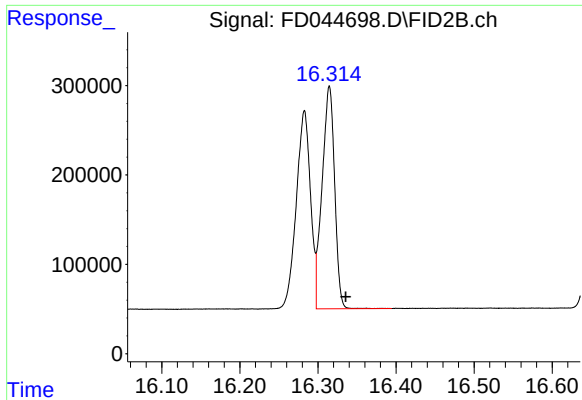
#15 Chrysene (C27.41)

R.T.: 14.783 min
Delta R.T.: -0.022 min
Response: 2793346
Conc: 20.72 ug/ml



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

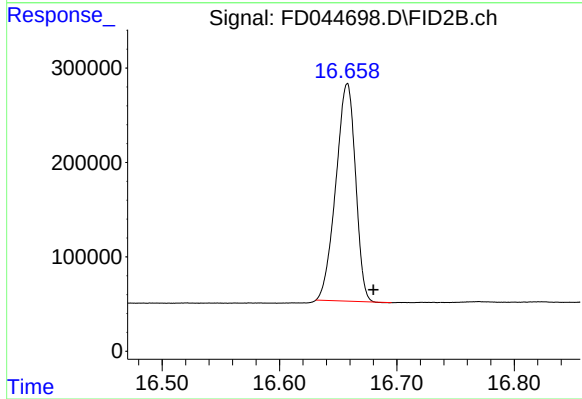
R.T.: 16.314 min
Delta R.T.: 0.009 min
Response: 2775115
Conc: 21.08 ug/ml



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

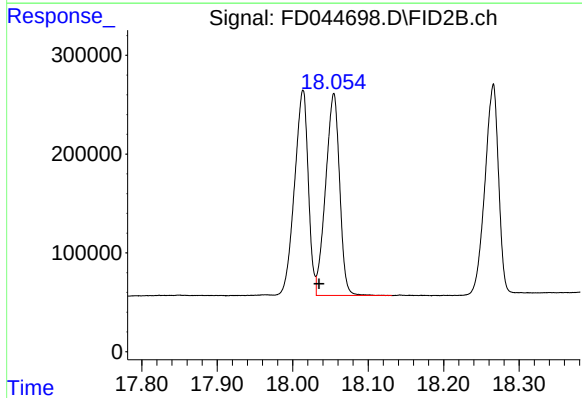
R.T.: 16.314 min
Delta R.T.: -0.022 min
Response: 2775115
Conc: 21.31 ug/ml

Instrument :
FID_D
ClientSampleId :



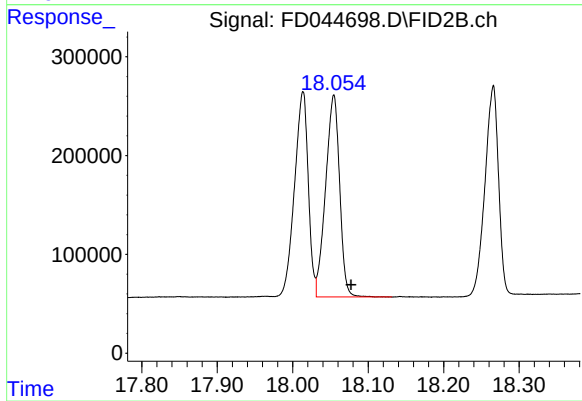
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.657 min
Delta R.T.: -0.023 min
Response: 2682999
Conc: 20.76 ug/ml



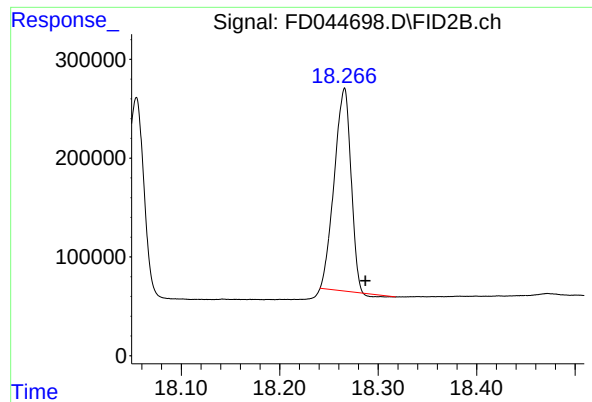
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.054 min
Delta R.T.: 0.019 min
Response: 2637244
Conc: 20.69 ug/ml



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

R.T.: 18.054 min
Delta R.T.: -0.024 min
Response: 2637244
Conc: 20.96 ug/ml



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

R.T.: 18.264 min
Delta R.T.: -0.023 min
Response: 2392951
Conc: 18.61 ug/ml

Instrument :

FID_D

ClientSampleId :