

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081823AR\
 Data File : FD046349.D
 Signal(s) : FID2B.ch
 Acq On : 18 Aug 2023 14:34
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 18 15:19:46 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081823.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 18 14:27:51 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...	7.499	3122286	20.062 ug/ml
Spiked Amount 50.000		Recovery =	40.12%
6) S 2-Fluorobiphenyl (SURR)	8.354	2059282	20.121 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.24%
11) S ortho-Terphenyl (SURR)	11.391	3851594	20.077 ug/ml
Spiked Amount 50.000		Recovery =	40.15%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.313	3563747	20.041 ug/ml
2) T Naphthalene (C11.7)	5.840	3685903	19.999 ug/ml
3) T 2-Methylnaphthalene (...)	6.888	3665721	20.147 ug/ml
5) T Acenaphthylene (C15.06)	8.158	3332933	20.106 ug/ml
7) T Acenaphthene (C15.5)	8.453	3566445	20.079 ug/ml
8) T Flouorene (C16.55)	9.231	3440399	20.178 ug/ml
9) T Phenanthrene (C19.36)	10.620	3392024	20.169 ug/ml
10) T Anthracene (C19.43)	10.694	2985865	20.062 ug/ml
12) T Fluoranthene (C21.85)	12.423	3287141	20.114 ug/ml
13) T Pyrene (C20.8)	12.718	3200369	20.032 ug/ml
14) T Benzo[a]anthracene (C...	14.581	2837146	20.035 ug/ml
15) T Chrysene (C27.41)	14.624	2938121	20.035 ug/ml
16) T benzo[b]fluoranthene ...	16.156	2648600	19.518 ug/ml
17) T Bnezo[k]fluoranthene ...	16.156	2648600	20.034 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.498	2542237	20.042 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.898	2525155	20.184 ug/ml
20) T Dibenz[a,h]anthracene...	17.898	2525155	19.894 ug/ml
21) T Benzo[g,h,i]perylene ...	18.108	2526944	19.883 ug/ml

(f)=RT Delta > 1/2 Window

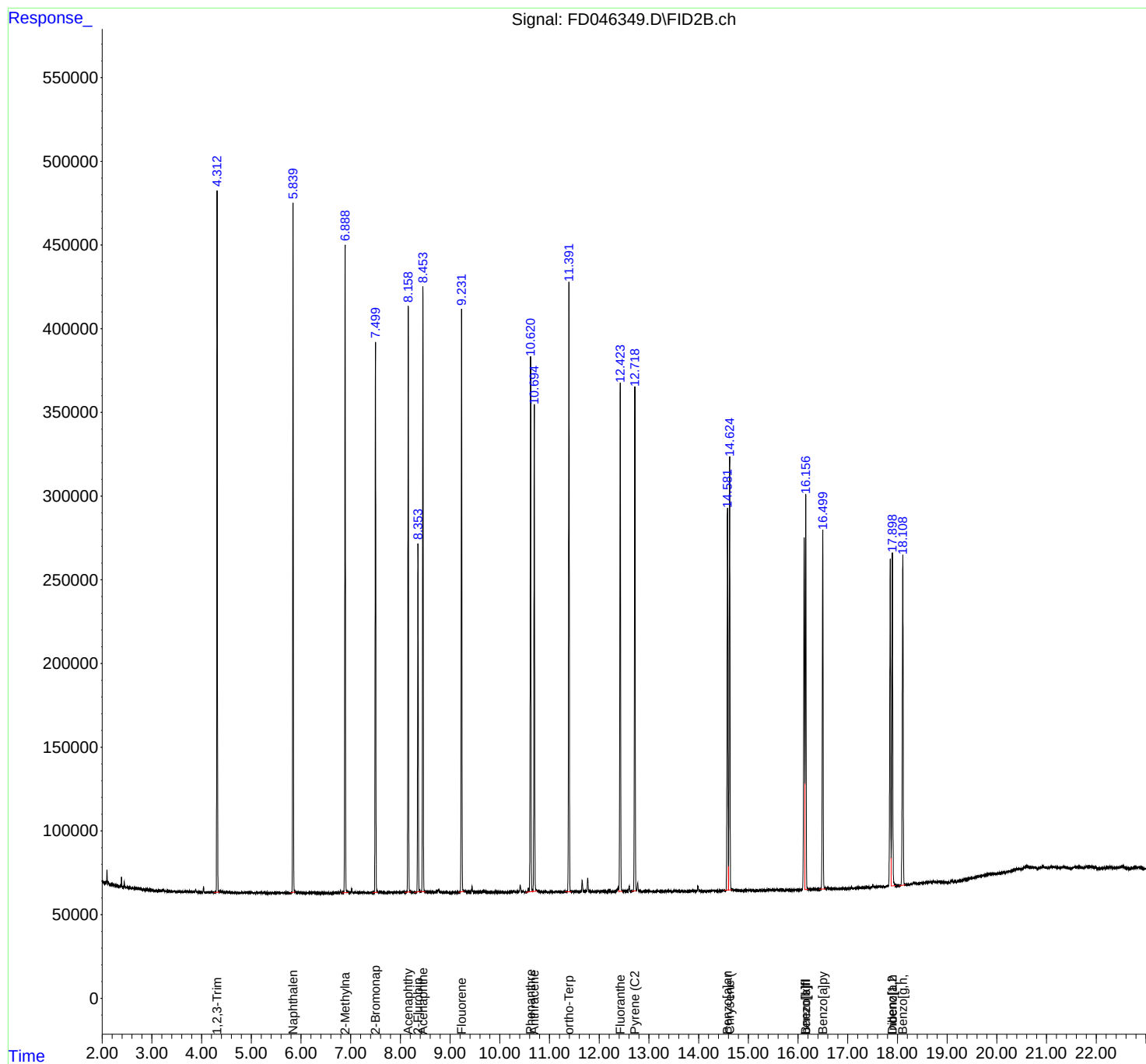
(m)=manual int.

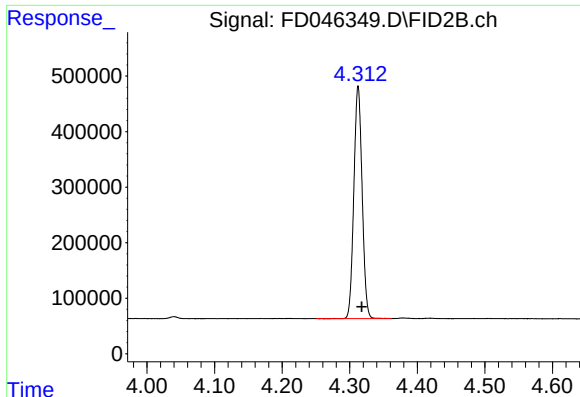
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Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm

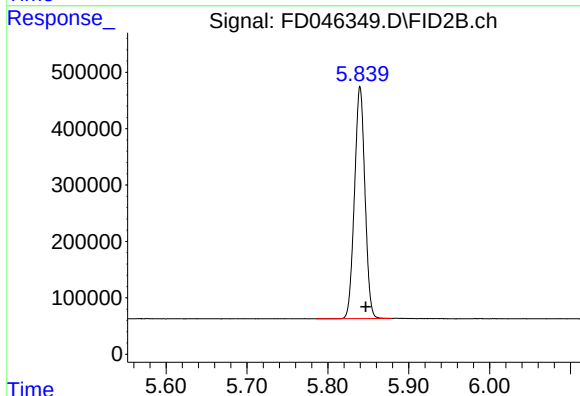




#1 1,2,3-Trimethylbenzene (C10.1)

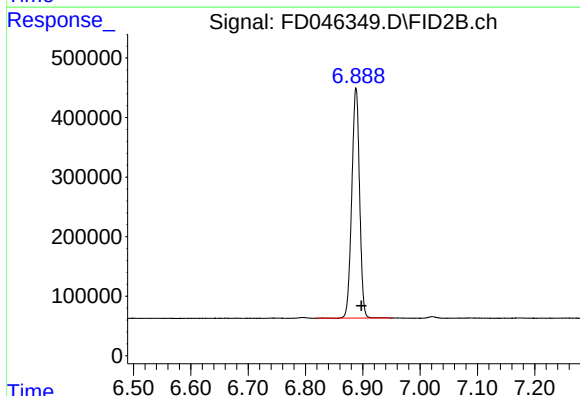
R.T.: 4.313 min
Delta R.T.: -0.005 min
Response: 3563747
Conc: 20.04 ug/ml

Instrument :
FID_D
ClientSampleId :



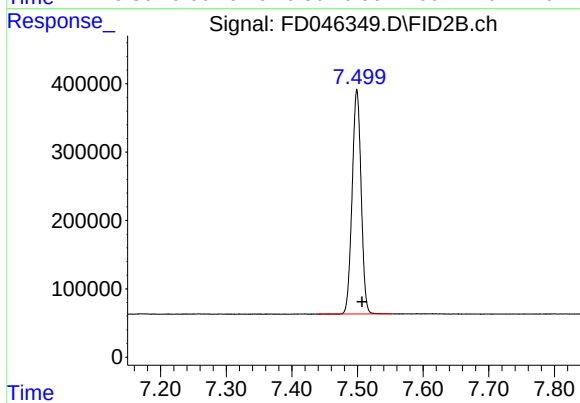
#2 Naphthalene (C11.7)

R.T.: 5.840 min
Delta R.T.: -0.007 min
Response: 3685903
Conc: 20.00 ug/ml



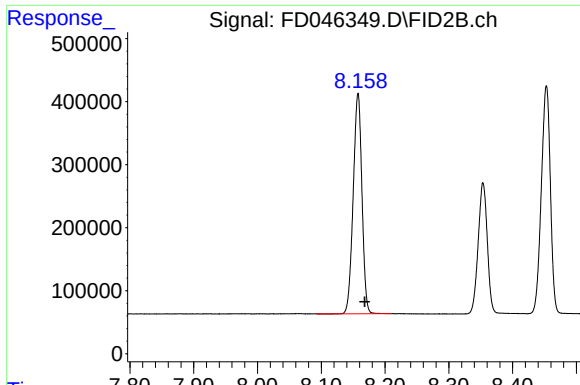
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.888 min
Delta R.T.: -0.009 min
Response: 3665721
Conc: 20.15 ug/ml



#4 2-Bromonaphthalene (SURR)

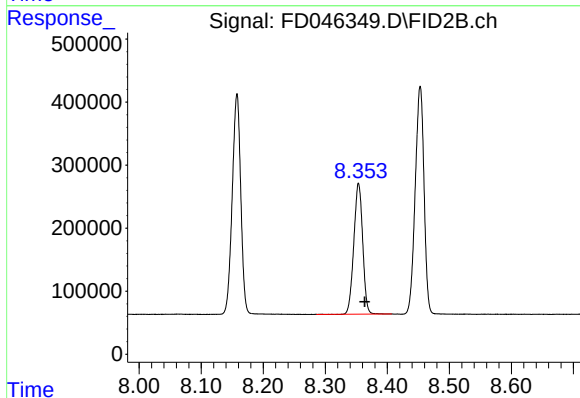
R.T.: 7.499 min
Delta R.T.: -0.008 min
Response: 3122286
Conc: 20.06 ug/ml



#5 Acenaphthylene (C15.06)

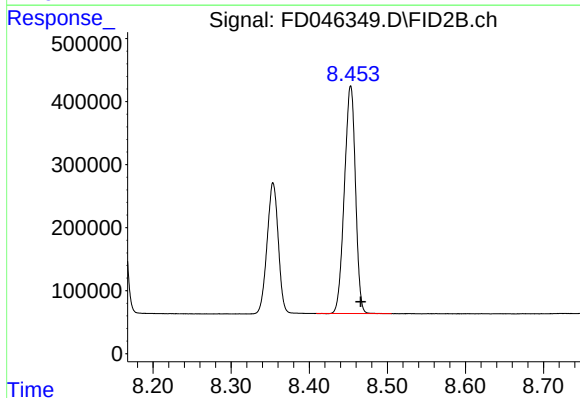
R.T.: 8.158 min
Delta R.T.: -0.010 min
Response: 3332933
Conc: 20.11 ug/ml

Instrument :
FID_D
ClientSampleId :



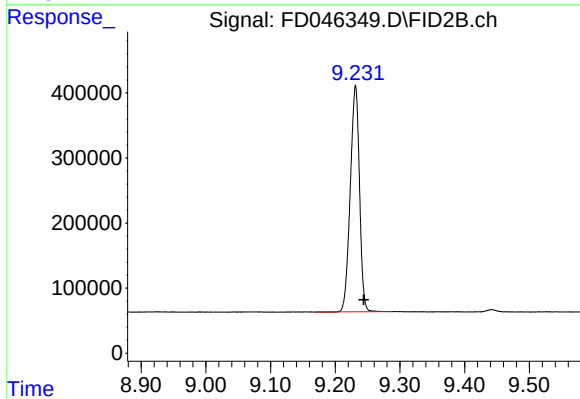
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.354 min
Delta R.T.: -0.010 min
Response: 2059282
Conc: 20.12 ug/ml



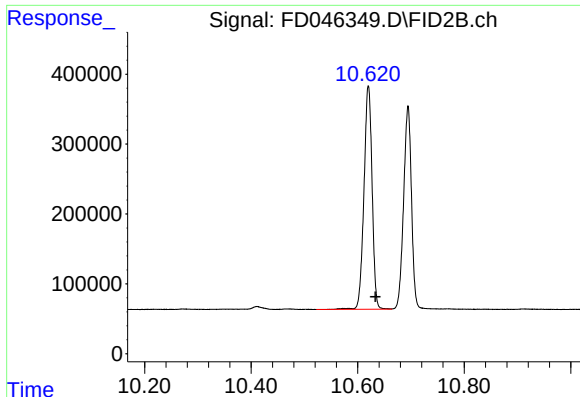
#7 Acenaphthene (C15.5)

R.T.: 8.453 min
Delta R.T.: -0.013 min
Response: 3566445
Conc: 20.08 ug/ml



#8 Fluorene (C16.55)

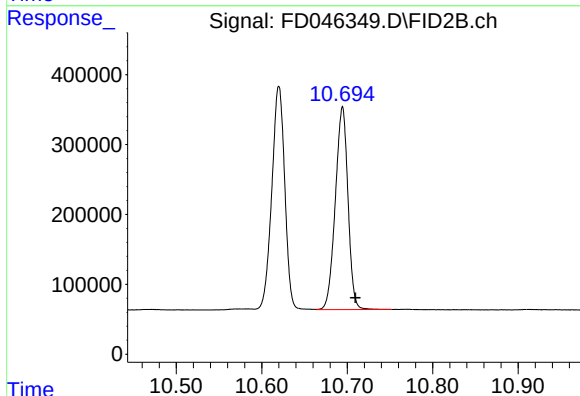
R.T.: 9.231 min
Delta R.T.: -0.013 min
Response: 3440399
Conc: 20.18 ug/ml



#9 Phenanthrene (C19.36)

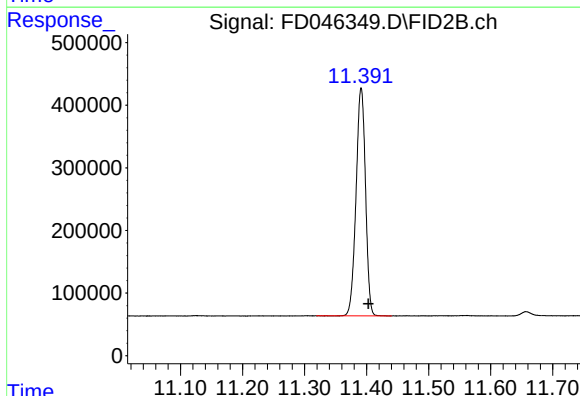
R.T.: 10.620 min
Delta R.T.: -0.013 min
Response: 3392024
Conc: 20.17 ug/ml

Instrument :
FID_D
ClientSampleId :



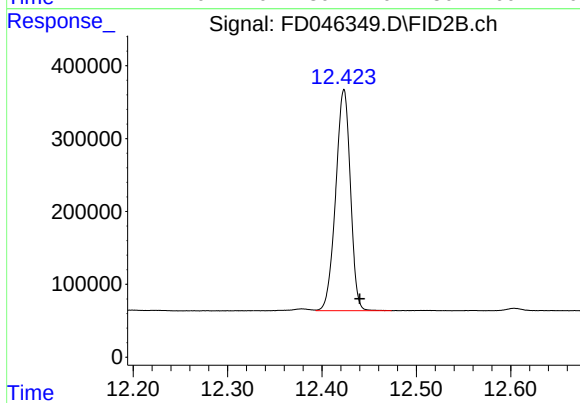
#10 Anthracene (C19.43)

R.T.: 10.694 min
Delta R.T.: -0.015 min
Response: 2985865
Conc: 20.06 ug/ml



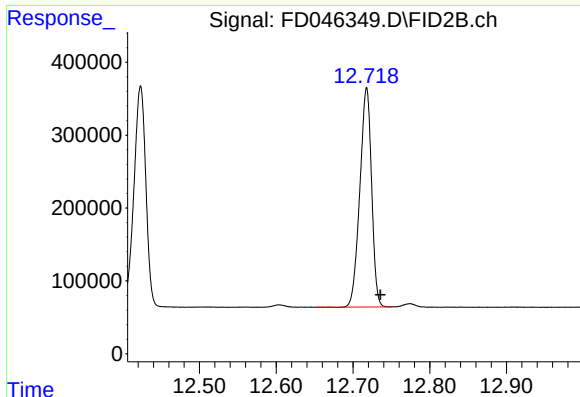
#11 ortho-Terphenyl (SURR)

R.T.: 11.391 min
Delta R.T.: -0.011 min
Response: 3851594
Conc: 20.08 ug/ml



#12 Fluoranthene (C21.85)

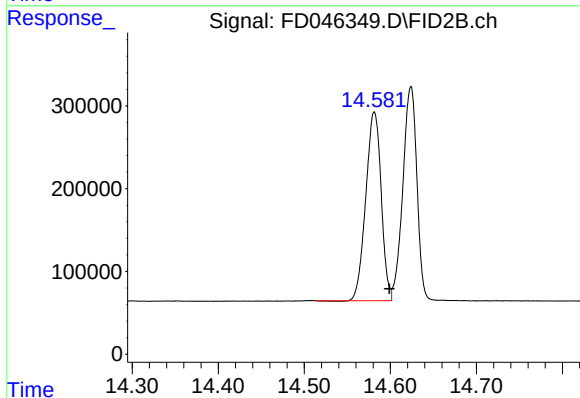
R.T.: 12.423 min
Delta R.T.: -0.017 min
Response: 3287141
Conc: 20.11 ug/ml



#13 Pyrene (C20.8)

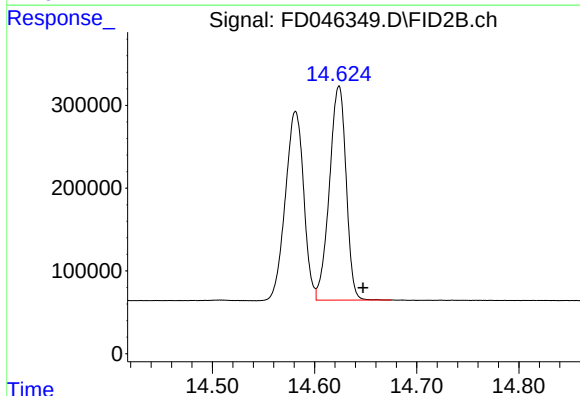
R.T.: 12.718 min
Delta R.T.: -0.018 min
Response: 3200369
Conc: 20.03 ug/ml

Instrument :
FID_D
ClientSampleId :



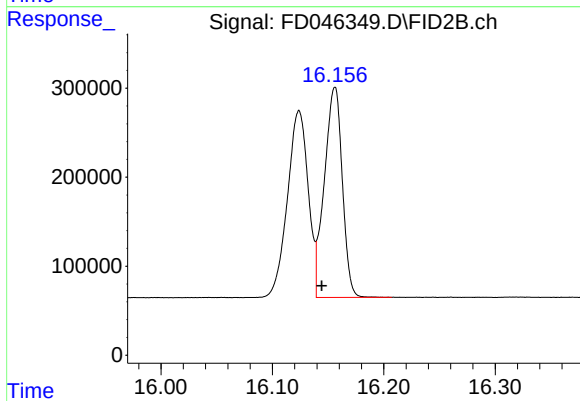
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.581 min
Delta R.T.: -0.017 min
Response: 2837146
Conc: 20.03 ug/ml



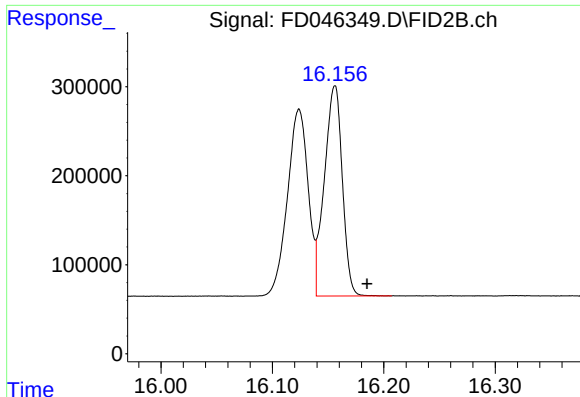
#15 Chrysene (C27.41)

R.T.: 14.624 min
Delta R.T.: -0.024 min
Response: 2938121
Conc: 20.03 ug/ml



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

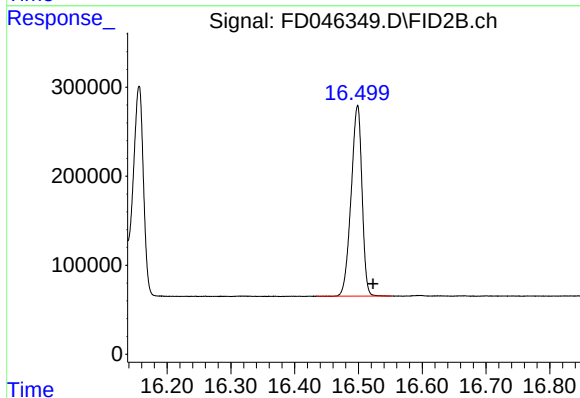
R.T.: 16.156 min
Delta R.T.: 0.011 min
Response: 2648600
Conc: 19.52 ug/ml



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

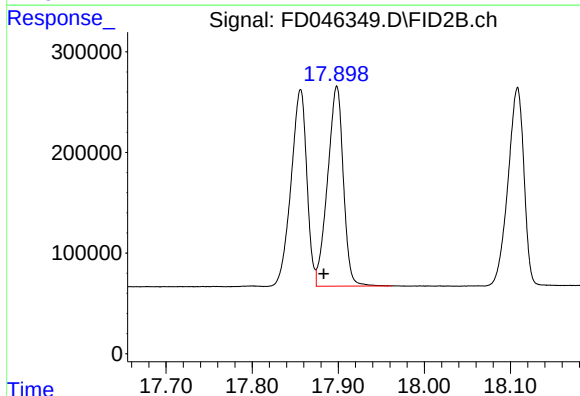
R.T.: 16.156 min
Delta R.T.: -0.029 min
Response: 2648600
Conc: 20.03 ug/ml

Instrument :
FID_D
ClientSampleId :



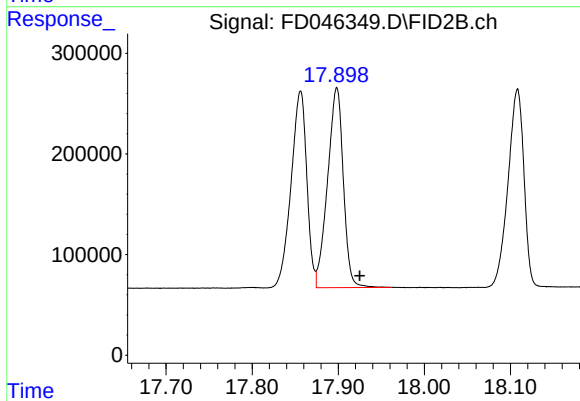
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.498 min
Delta R.T.: -0.024 min
Response: 2542237
Conc: 20.04 ug/ml



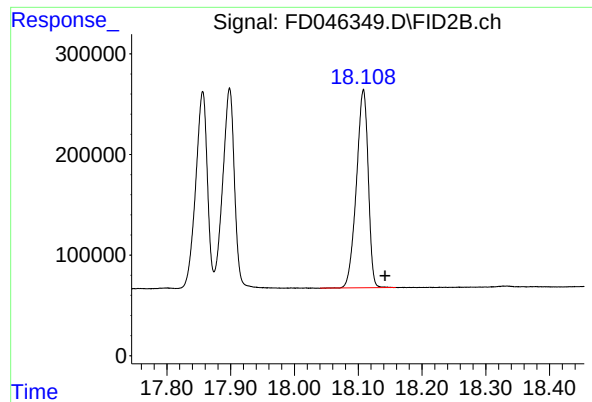
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.898 min
Delta R.T.: 0.015 min
Response: 2525155
Conc: 20.18 ug/ml



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

R.T.: 17.898 min
Delta R.T.: -0.027 min
Response: 2525155
Conc: 19.89 ug/ml



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

R.T.: 18.108 min
Delta R.T.: -0.034 min
Response: 2526944
Conc: 19.88 ug/ml

Instrument :

FID_D

ClientSampleId :