

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112023AR\
 Data File : FD046901.D
 Signal(s) : FID2B.ch
 Acq On : 20 Nov 2023 14:09
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 21 00:13:16 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102723.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 02:49:53 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...	7.477	3841807	21.065 ug/ml
Spiked Amount 50.000		Recovery =	42.13%
6) S 2-Fluorobiphenyl (SURR)	8.330	2452501	20.840 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.68%
11) S ortho-Terphenyl (SURR)	11.367	4485561	21.183 ug/ml
Spiked Amount 50.000		Recovery =	42.37%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.292	4066338	21.056 ug/ml
2) T Naphthalene (C11.7)	5.817	4278307	21.365 ug/ml
3) T 2-Methylnaphthalene (...)	6.865	4229784	21.045 ug/ml
5) T Acenaphthylene (C15.06)	8.134	3850489	20.935 ug/ml
7) T Acenaphthene (C15.5)	8.429	4110159	20.982 ug/ml
8) T Fluorene (C16.55)	9.207	3914892	21.165 ug/ml
9) T Phenanthrene (C19.36)	10.595	3677893	20.673 ug/ml
10) T Anthracene (C19.43)	10.669	2762310	16.209 ug/ml
12) T Fluoranthene (C21.85)	12.397	3662685	21.207 ug/ml
13) T Pyrene (C20.8)	12.691	3459507	20.806 ug/ml
14) T Benzo[a]anthracene (C...	14.554	2804747	19.935 ug/ml
15) T Chrysene (C27.41)	14.596	3138522	20.124 ug/ml
16) T benzo[b]fluoranthene ...	16.096	2944154	20.570 ug/ml
17) T Bnezo[k]fluoranthene ...	16.127	3079438	21.034 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.470	2702406	19.280 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.828	2416662	19.130 ug/ml
20) T Dibenz[a,h]anthracene...	17.867	2572456	18.414 ug/ml
21) T Benzo[g,h,i]perylene ...	18.078	2727865	19.537 ug/ml

(f)=RT Delta > 1/2 Window

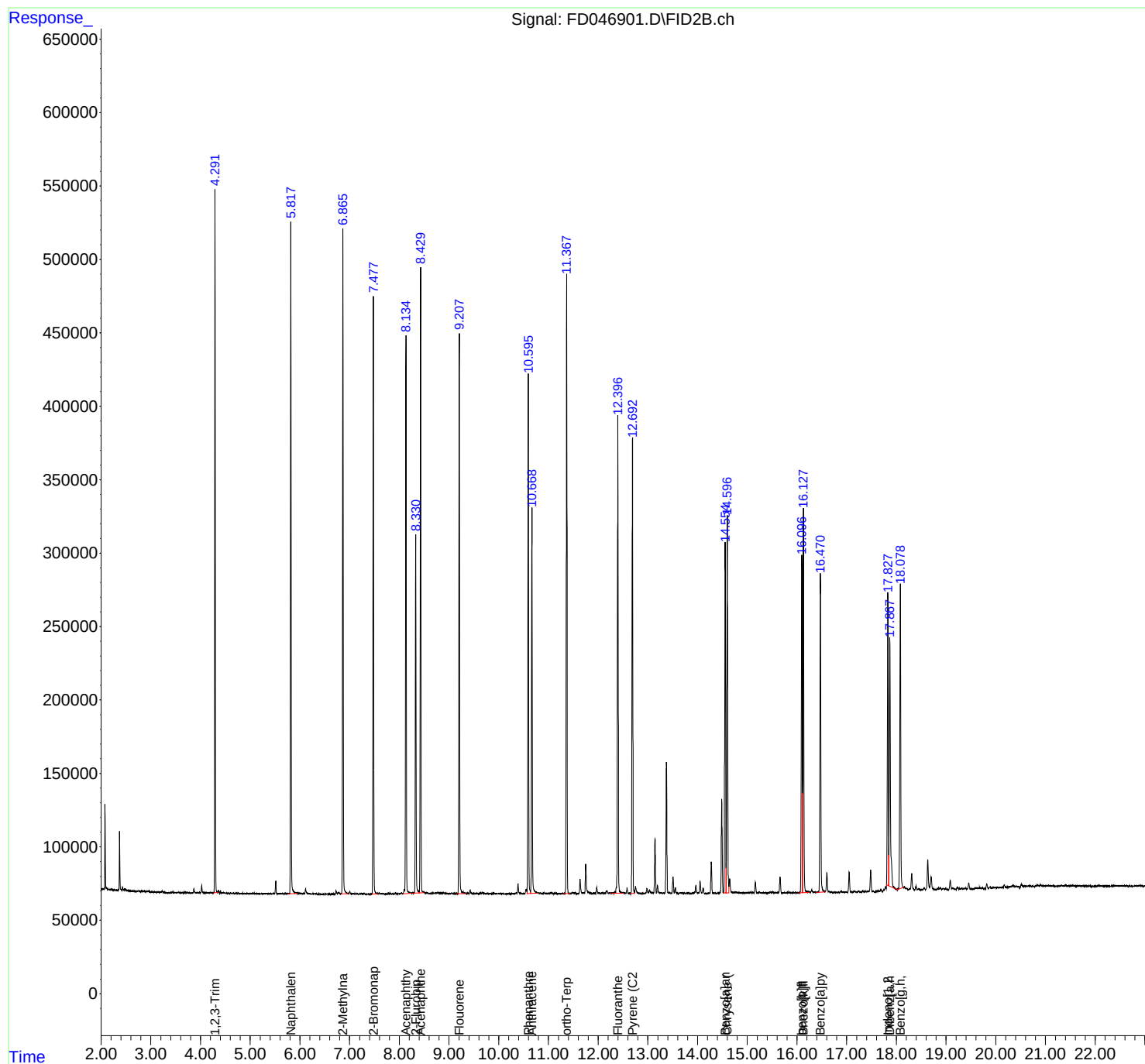
(m)=manual int.

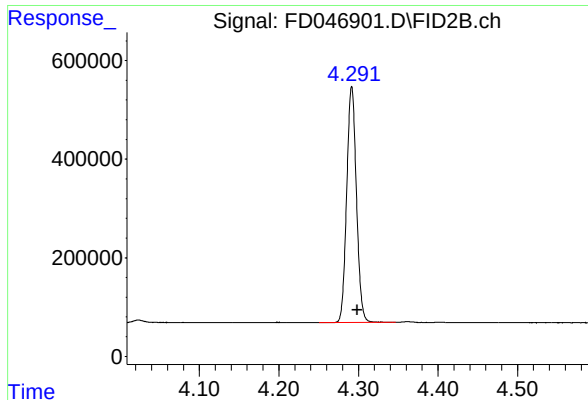
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112023AR\
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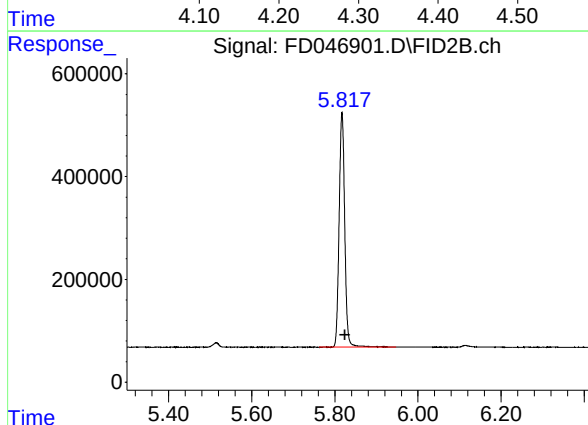




#1 1,2,3-Trimethylbenzene (C10.1)

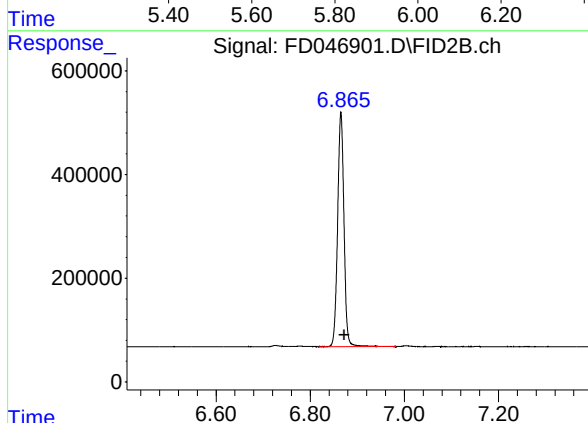
R.T.: 4.292 min
Delta R.T.: -0.007 min
Response: 4066338
Conc: 21.06 ug/ml

Instrument :
FID_D
ClientSampleId :



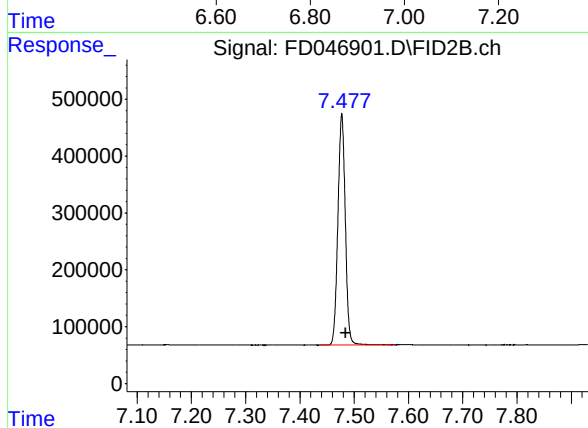
#2 Naphthalene (C11.7)

R.T.: 5.817 min
Delta R.T.: -0.007 min
Response: 4278307
Conc: 21.37 ug/ml



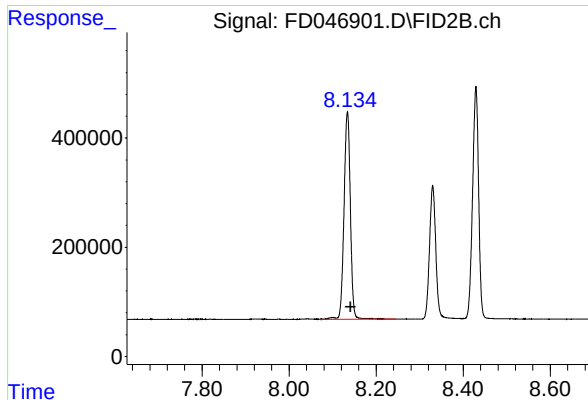
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.865 min
Delta R.T.: -0.007 min
Response: 4229784
Conc: 21.05 ug/ml



#4 2-Bromonaphthalene (SURR)

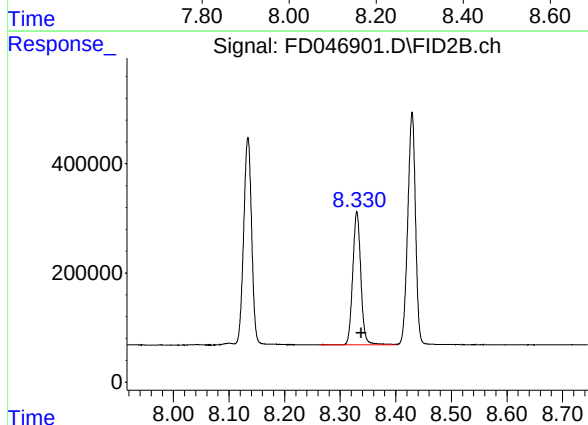
R.T.: 7.477 min
Delta R.T.: -0.007 min
Response: 3841807
Conc: 21.07 ug/ml



#5 Acenaphthylene (C15.06)

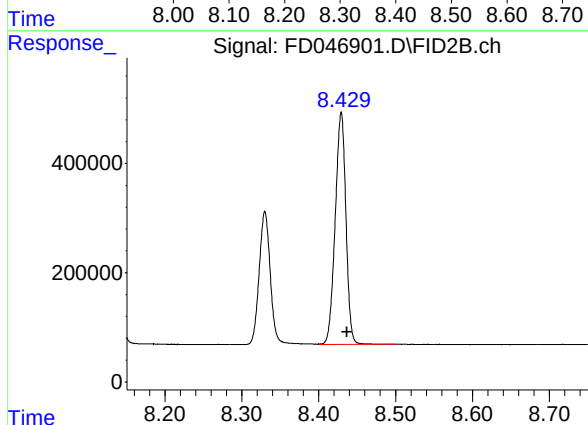
R.T.: 8.134 min
Delta R.T.: -0.008 min
Response: 3850489
Conc: 20.93 ug/ml

Instrument :
FID_D
ClientSampleId :



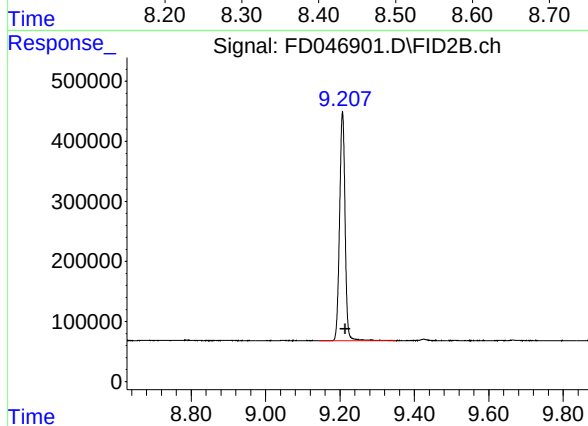
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.330 min
Delta R.T.: -0.008 min
Response: 2452501
Conc: 20.84 ug/ml



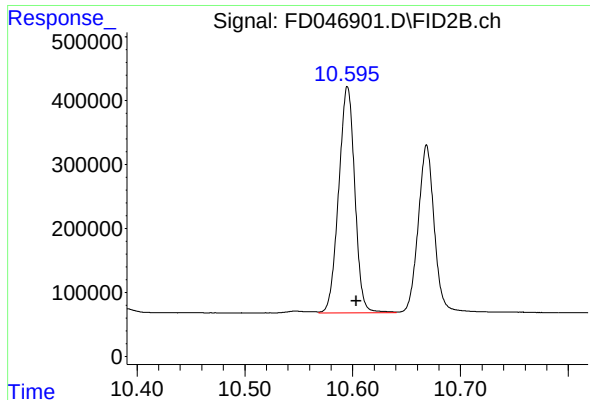
#7 Acenaphthene (C15.5)

R.T.: 8.429 min
Delta R.T.: -0.008 min
Response: 4110159
Conc: 20.98 ug/ml



#8 Flouorene (C16.55)

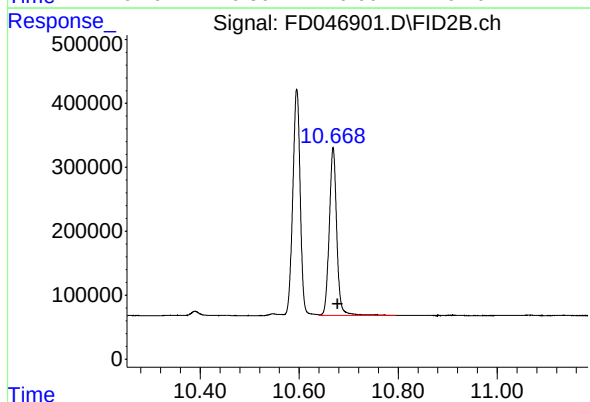
R.T.: 9.207 min
Delta R.T.: -0.008 min
Response: 3914892
Conc: 21.17 ug/ml



#9 Phenanthrene (C19.36)

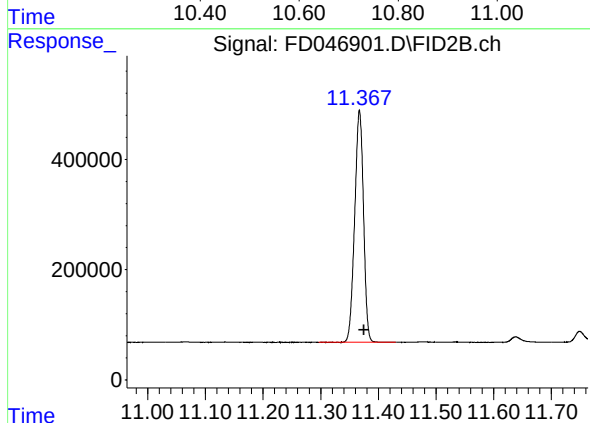
R.T.: 10.595 min
Delta R.T.: -0.008 min
Response: 3677893
Conc: 20.67 ug/ml

Instrument :
FID_D
ClientSampleId :



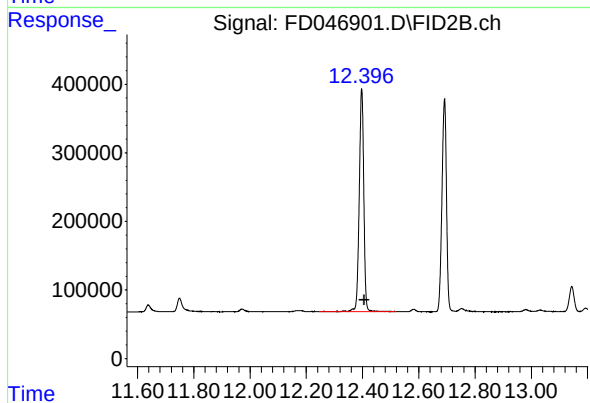
#10 Anthracene (C19.43)

R.T.: 10.669 min
Delta R.T.: -0.009 min
Response: 2762310
Conc: 16.21 ug/ml



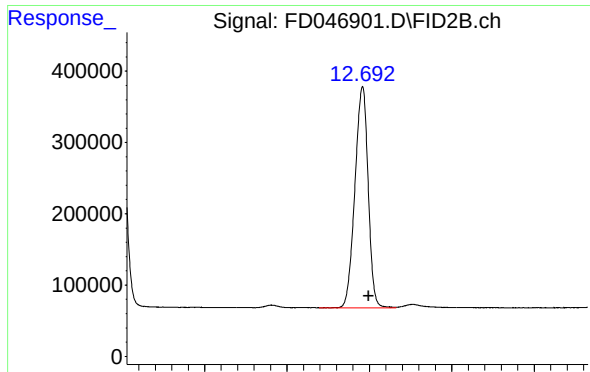
#11 ortho-Terphenyl (SURR)

R.T.: 11.367 min
Delta R.T.: -0.008 min
Response: 4485561
Conc: 21.18 ug/ml



#12 Fluoranthene (C21.85)

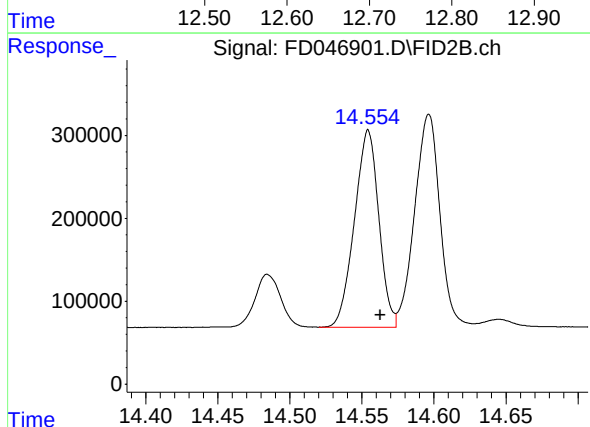
R.T.: 12.397 min
Delta R.T.: -0.009 min
Response: 3662685
Conc: 21.21 ug/ml



#13 Pyrene (C20.8)

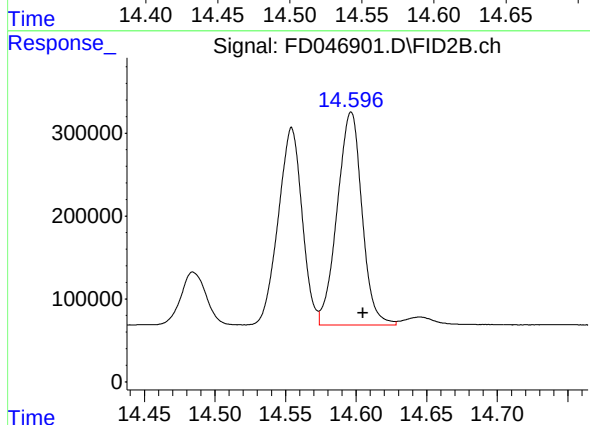
R.T.: 12.691 min
Delta R.T.: -0.008 min
Response: 3459507
Conc: 20.81 ug/ml

Instrument :
FID_D
ClientSampleId :



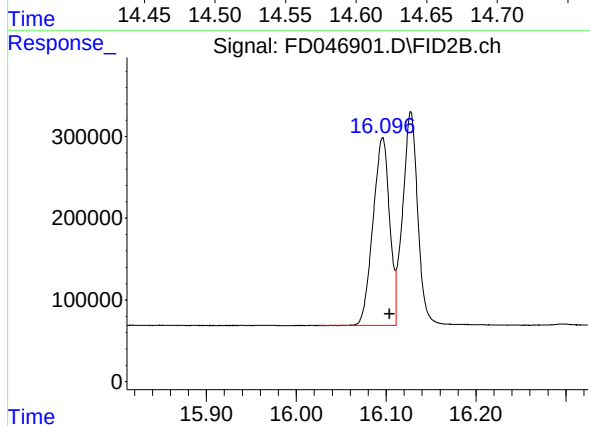
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.554 min
Delta R.T.: -0.009 min
Response: 2804747
Conc: 19.94 ug/ml



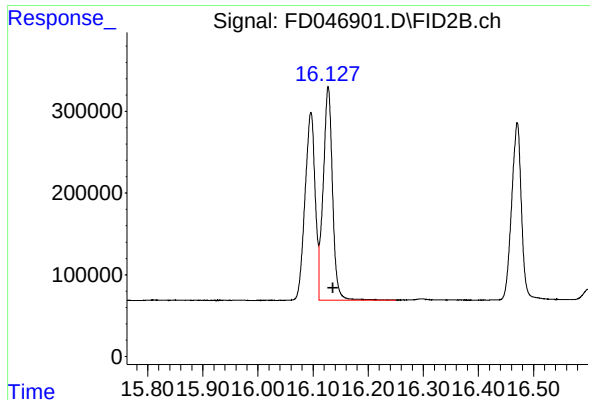
#15 Chrysene (C27.41)

R.T.: 14.596 min
Delta R.T.: -0.009 min
Response: 3138522
Conc: 20.12 ug/ml



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

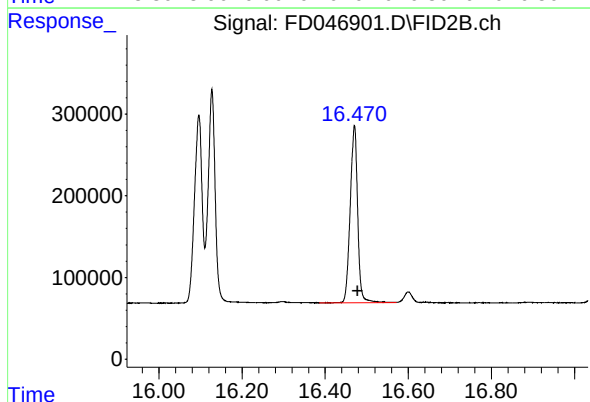
R.T.: 16.096 min
Delta R.T.: -0.008 min
Response: 2944154
Conc: 20.57 ug/ml



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

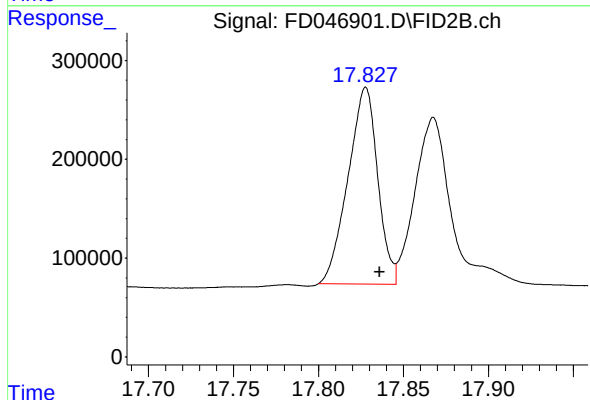
R.T.: 16.127 min
Delta R.T.: -0.008 min
Response: 3079438
Conc: 21.03 ug/ml

Instrument :
FID_D
ClientSampleId :



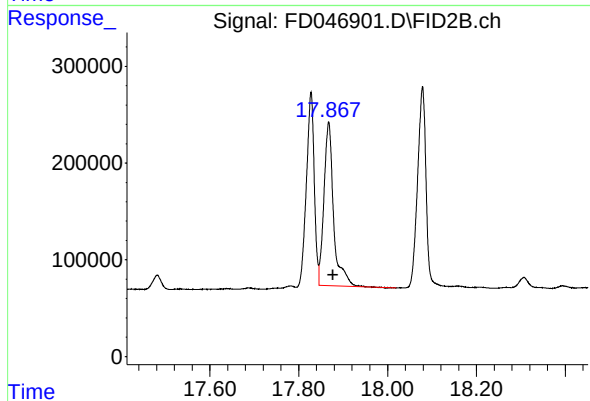
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.470 min
Delta R.T.: -0.008 min
Response: 2702406
Conc: 19.28 ug/ml



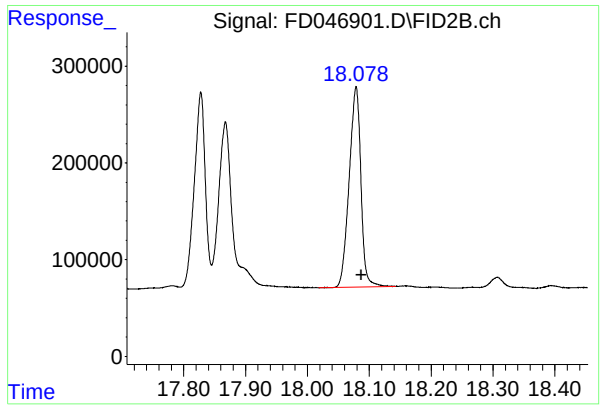
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.828 min
Delta R.T.: -0.008 min
Response: 2416662
Conc: 19.13 ug/ml



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

R.T.: 17.867 min
Delta R.T.: -0.010 min
Response: 2572456
Conc: 18.41 ug/ml



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

R.T.: 18.078 min
Delta R.T.: -0.009 min
Response: 2727865
Conc: 19.54 ug/ml

Instrument :
FID_D
ClientSampleId :