

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081623AR\
 Data File : FD046336.D
 Signal(s) : FID2B.ch
 Acq On : 16 Aug 2023 18:19
 Operator : YP/AJ
 Sample : 03981-01
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 16 23:47:25 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071923.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 20 03:07:14 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	5452379	36.476 ug/ml
Spiked Amount 50.000		Recovery =	72.95%
6) S 2-Fluorobiphenyl (SURR)	8.353	3684843	39.363 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	78.73%
11) S ortho-Terphenyl (SURR)	11.392	5798165	33.201 ug/ml
Spiked Amount 50.000		Recovery =	66.40%
Target Compounds			
2) T Naphthalene (C11.7)	5.839	290235	1.607 ug/ml
3) T 2-Methylnaphthalene (...)	6.886	247520	1.406 ug/ml
5) T Acenaphthylene (C15.06)	8.152	178430	1.169 ug/ml
7) T Acenaphthene (C15.5)	8.449	849104	5.207 ug/ml
8) T Flouorene (C16.55)	9.227	1132231	7.441 ug/ml
9) T Phenanthrene (C19.36)	10.625	9749113	67.704 ug/ml
10) T Anthracene (C19.43)	10.693	2705205	20.671 ug/ml
12) T Fluoranthene (C21.85)	12.434	12678528	90.735 ug/ml
13) T Pyrene (C20.8)	12.726	9982062	72.023 ug/ml
14) T Benzo[a]anthracene (C...	14.585	5273360	40.175 ug/ml
15) T Chrysene (C27.41)	14.627	4981933	35.332 ug/ml
16) T benzo[b]fluoranthene ...	16.130	5217885	38.152 ug/ml
17) T Bnezo[k]fluoranthene ...	16.154	1797494	13.114 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.502	3953375	30.367 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.856	2356756	19.595 ug/ml
20) T Dibenz[a,h]anthracene...	17.894	616929	4.824 ug/ml
21) T Benzo[g,h,i]perylene ...	18.105	1827785	14.407 ug/ml

(f)=RT Delta > 1/2 Window

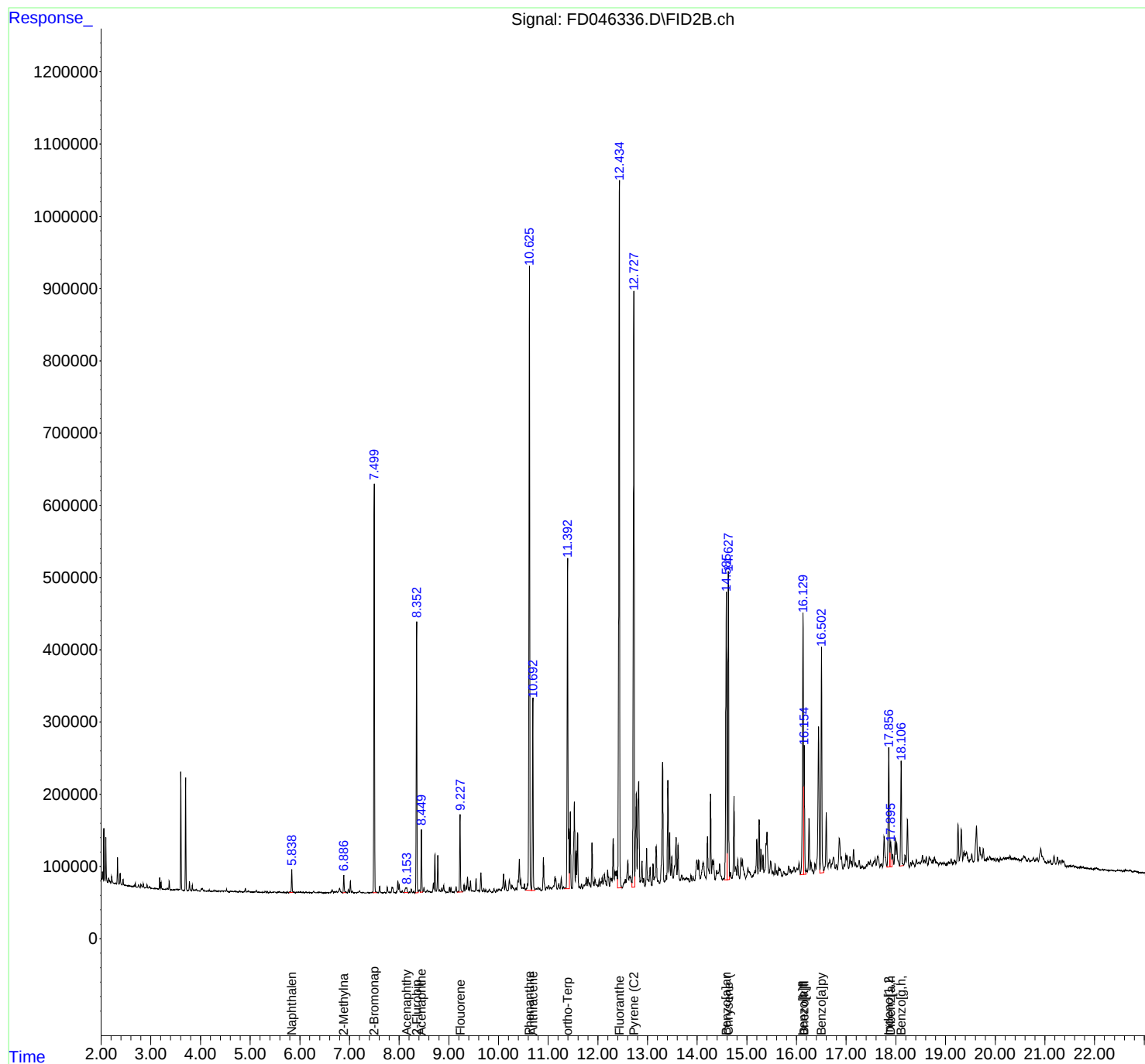
(m)=manual int.

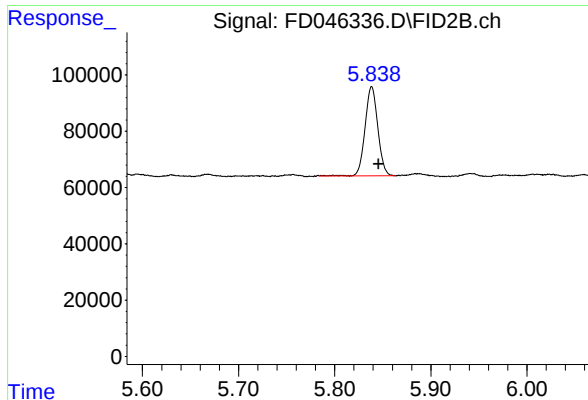
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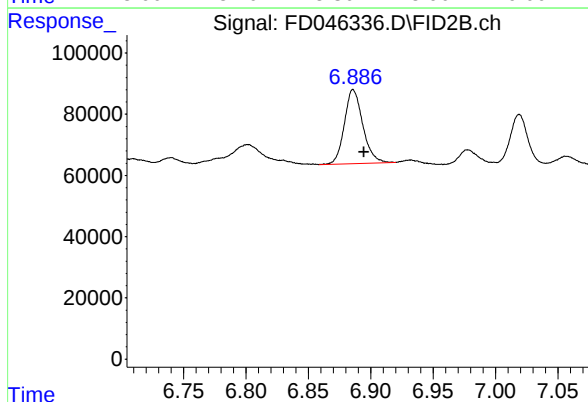




#2 Naphthalene (C11.7)

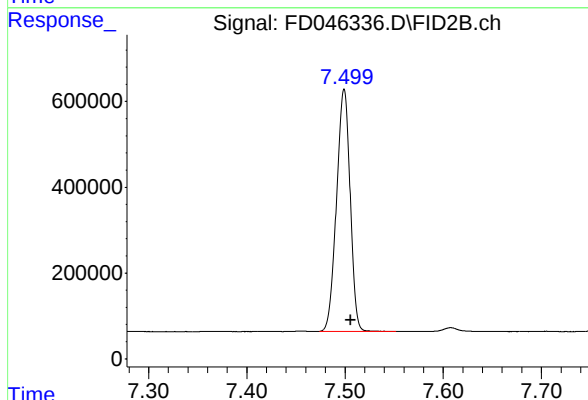
R.T.: 5.839 min
Delta R.T.: -0.007 min
Response: 290235
Conc: 1.61 ug/ml

Instrument :
FID_D
ClientSampleId :



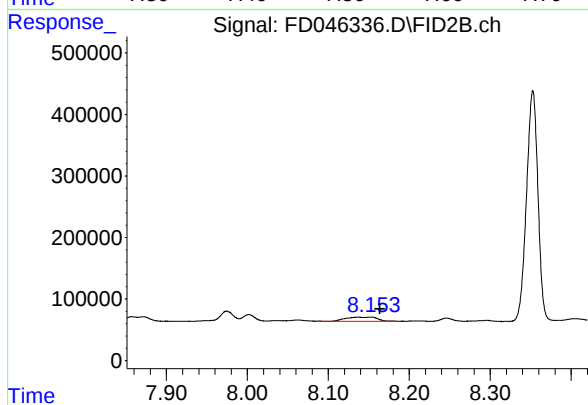
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.886 min
Delta R.T.: -0.008 min
Response: 247520
Conc: 1.41 ug/ml



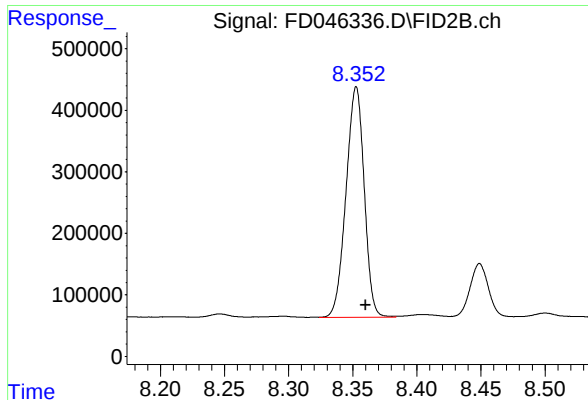
#4 2-Bromonaphthalene (SURR)

R.T.: 7.499 min
Delta R.T.: -0.007 min
Response: 5452379
Conc: 36.48 ug/ml



#5 Acenaphthylene (C15.06)

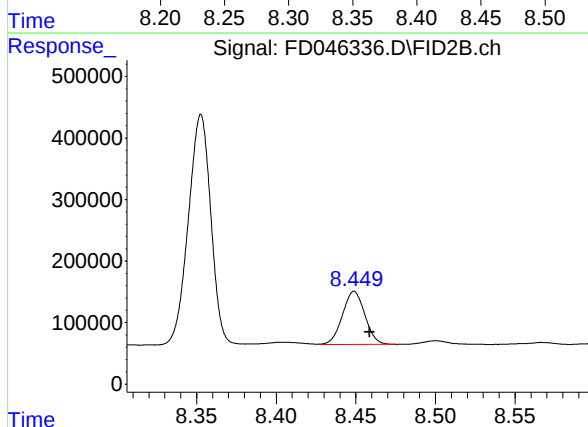
R.T.: 8.152 min
Delta R.T.: -0.012 min
Response: 178430
Conc: 1.17 ug/ml



#6 2-Fluorobiphenyl (SURR)

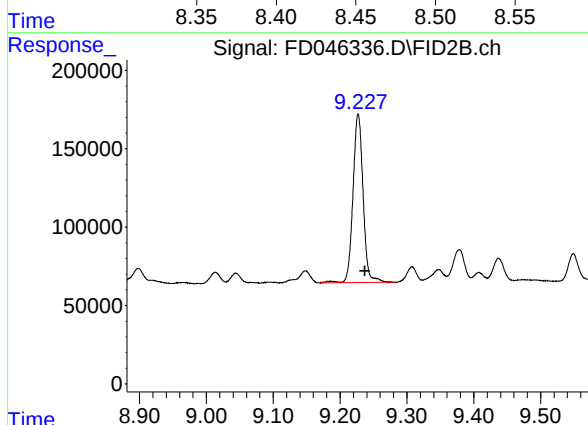
R.T.: 8.353 min
Delta R.T.: -0.008 min
Response: 3684843
Conc: 39.36 ug/ml

Instrument :
FID_D
ClientSampleId :



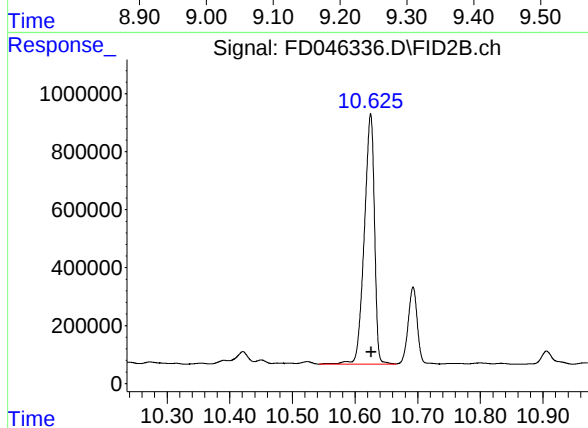
#7 Acenaphthene (C15.5)

R.T.: 8.449 min
Delta R.T.: -0.010 min
Response: 849104
Conc: 5.21 ug/ml



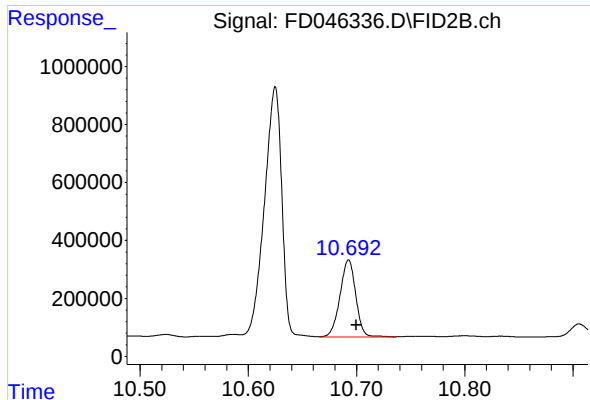
#8 Flouorene (C16.55)

R.T.: 9.227 min
Delta R.T.: -0.010 min
Response: 1132231
Conc: 7.44 ug/ml



#9 Phenanthrene (C19.36)

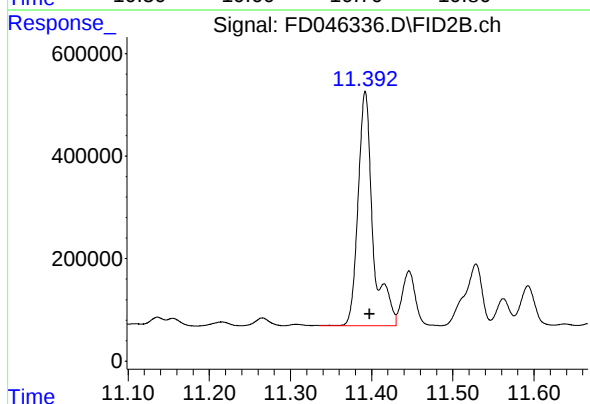
R.T.: 10.625 min
Delta R.T.: -0.001 min
Response: 9749113
Conc: 67.70 ug/ml



#10 Anthracene (C19.43)

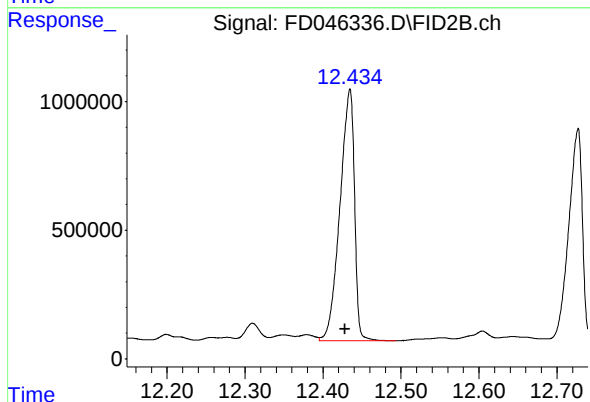
R.T.: 10.693 min
Delta R.T.: -0.007 min
Response: 2705205
Conc: 20.67 ug/ml

Instrument :
FID_D
ClientSampleId :



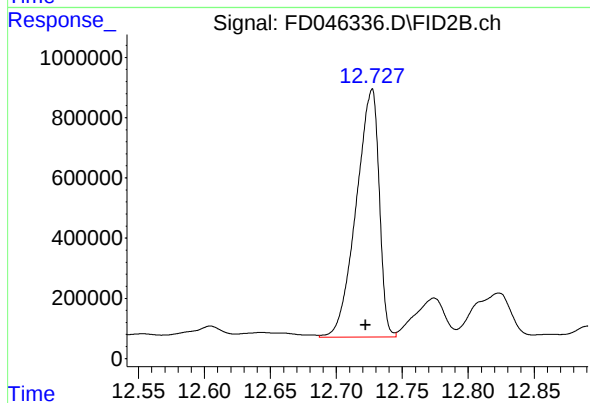
#11 ortho-Terphenyl (SURR)

R.T.: 11.392 min
Delta R.T.: -0.006 min
Response: 5798165
Conc: 33.20 ug/ml



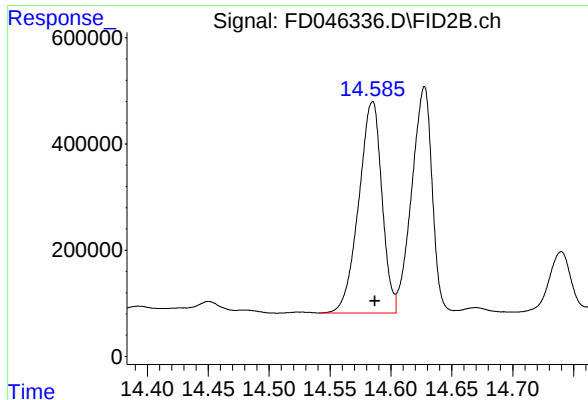
#12 Fluoranthene (C21.85)

R.T.: 12.434 min
Delta R.T.: 0.005 min
Response: 12678528
Conc: 90.73 ug/ml



#13 Pyrene (C20.8)

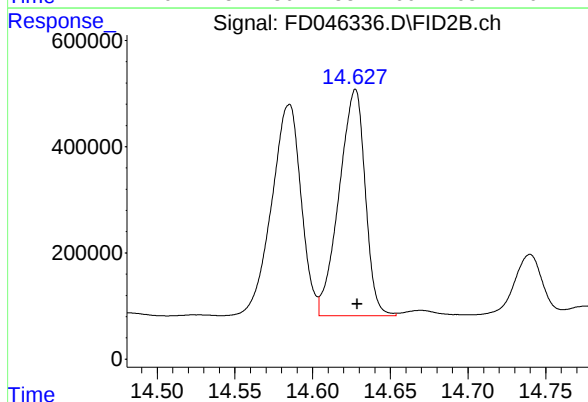
R.T.: 12.726 min
Delta R.T.: 0.004 min
Response: 9982062
Conc: 72.02 ug/ml



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

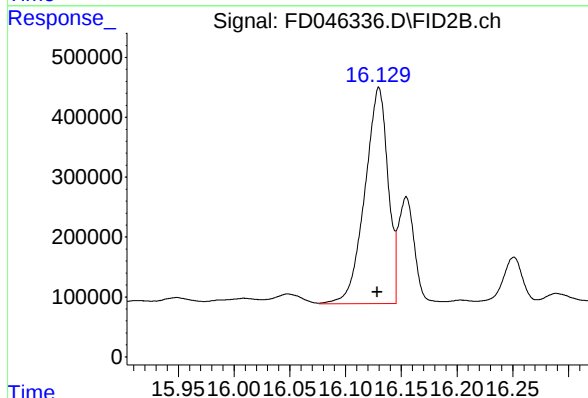
R.T.: 14.585 min
Delta R.T.: -0.003 min
Response: 5273360
Conc: 40.17 ug/ml

Instrument :
FID_D
ClientSampleId :



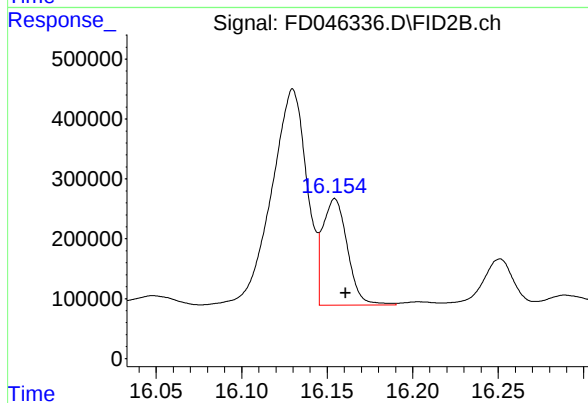
#15 Chrysene (C27.41)

R.T.: 14.627 min
Delta R.T.: -0.002 min
Response: 4981933
Conc: 35.33 ug/ml



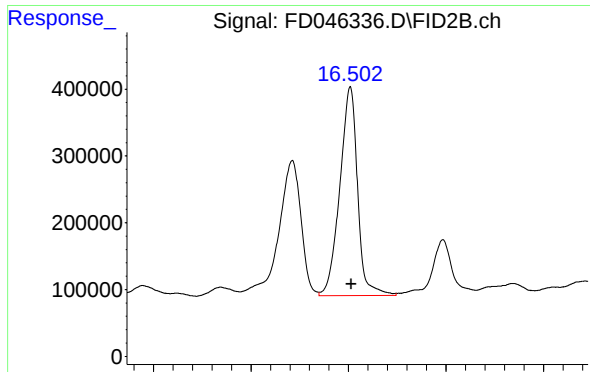
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.130 min
Delta R.T.: 0.001 min
Response: 5217885
Conc: 38.15 ug/ml



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

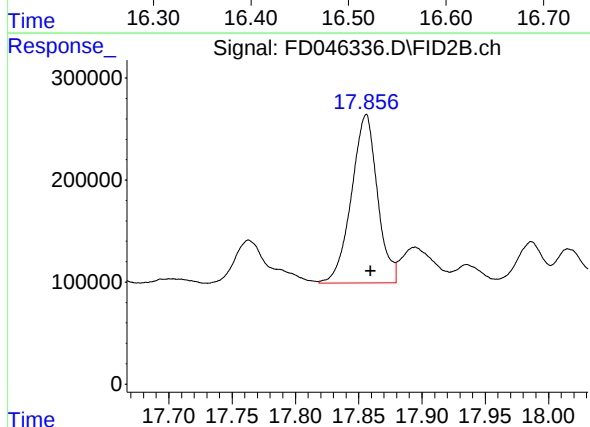
R.T.: 16.154 min
Delta R.T.: -0.006 min
Response: 1797494
Conc: 13.11 ug/ml



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

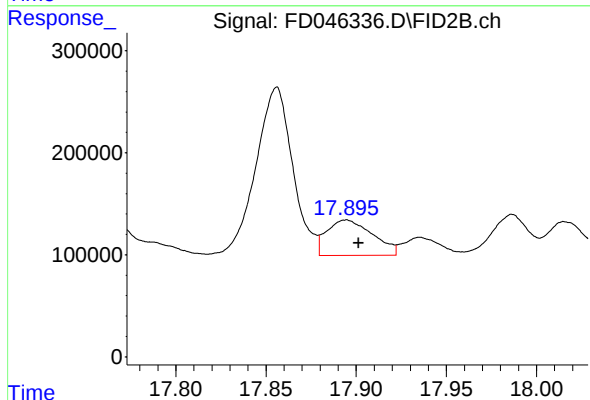
R.T.: 16.502 min
Delta R.T.: -0.001 min
Response: 3953375
Conc: 30.37 ug/ml

Instrument :
FID_D
ClientSampleId :



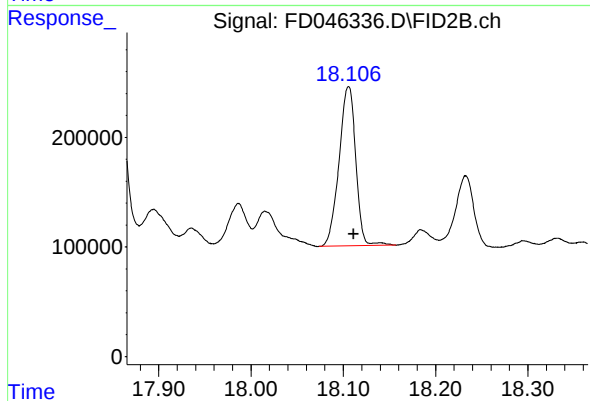
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.856 min
Delta R.T.: -0.004 min
Response: 2356756
Conc: 19.59 ug/ml



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

R.T.: 17.894 min
Delta R.T.: -0.007 min
Response: 616929
Conc: 4.82 ug/ml



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

R.T.: 18.105 min
Delta R.T.: -0.006 min
Response: 1827785
Conc: 14.41 ug/ml