

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091623AR\
 Data File : FD046508.D
 Signal(s) : FID2B.ch
 Acq On : 15 Sep 2023 12:41
 Operator : YP/AJ
 Sample : PB155554BSD
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB155554BSD

Integration File: autoint1.e
 Quant Time: Sep 16 00:50:37 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 15 01:47:22 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...	7.494	8918124	50.606 ug/ml
Spiked Amount 50.000		Recovery =	101.21%
6) S 2-Fluorobiphenyl (SURR)	8.347	5714052	49.319 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	98.64%
11) S ortho-Terphenyl (SURR)	11.386	10226658	50.197 ug/ml
Spiked Amount 50.000		Recovery =	100.39%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.307	5967042	32.307 ug/ml
2) T Naphthalene (C11.7)	5.832	6952442	35.979 ug/ml
3) T 2-Methylnaphthalene (...)	6.881	7349520	37.926 ug/ml
5) T Acenaphthylene (C15.06)	8.151	7868923	44.627 ug/ml
7) T Acenaphthene (C15.5)	8.447	7800790	41.517 ug/ml
8) T Fluorene (C16.55)	9.226	8096713	44.884 ug/ml
9) T Phenanthrene (C19.36)	10.615	8346996	47.473 ug/ml
10) T Anthracene (C19.43)	10.690	8299314	54.034 ug/ml
12) T Fluoranthene (C21.85)	12.420	8622836	50.592 ug/ml
13) T Pyrene (C20.8)	12.714	8685258	52.943 ug/ml
14) T Benzo[a]anthracene (C...	14.578	8097136	57.988 ug/ml
15) T Chrysene (C27.41)	14.622	8126454	53.533 ug/ml
16) T benzo[b]fluoranthene ...	16.120	7753570	56.526 ug/ml
17) T Bnezo[k]fluoranthene ...	16.157	7762298	56.036 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.497	7256923	54.246 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.856	7198479	57.428 ug/ml
20) T Dibenz[a,h]anthracene...	17.895	6948971	52.220 ug/ml
21) T Benzo[g,h,i]perylene ...	18.110	6776095	51.383 ug/ml

(f)=RT Delta > 1/2 Window

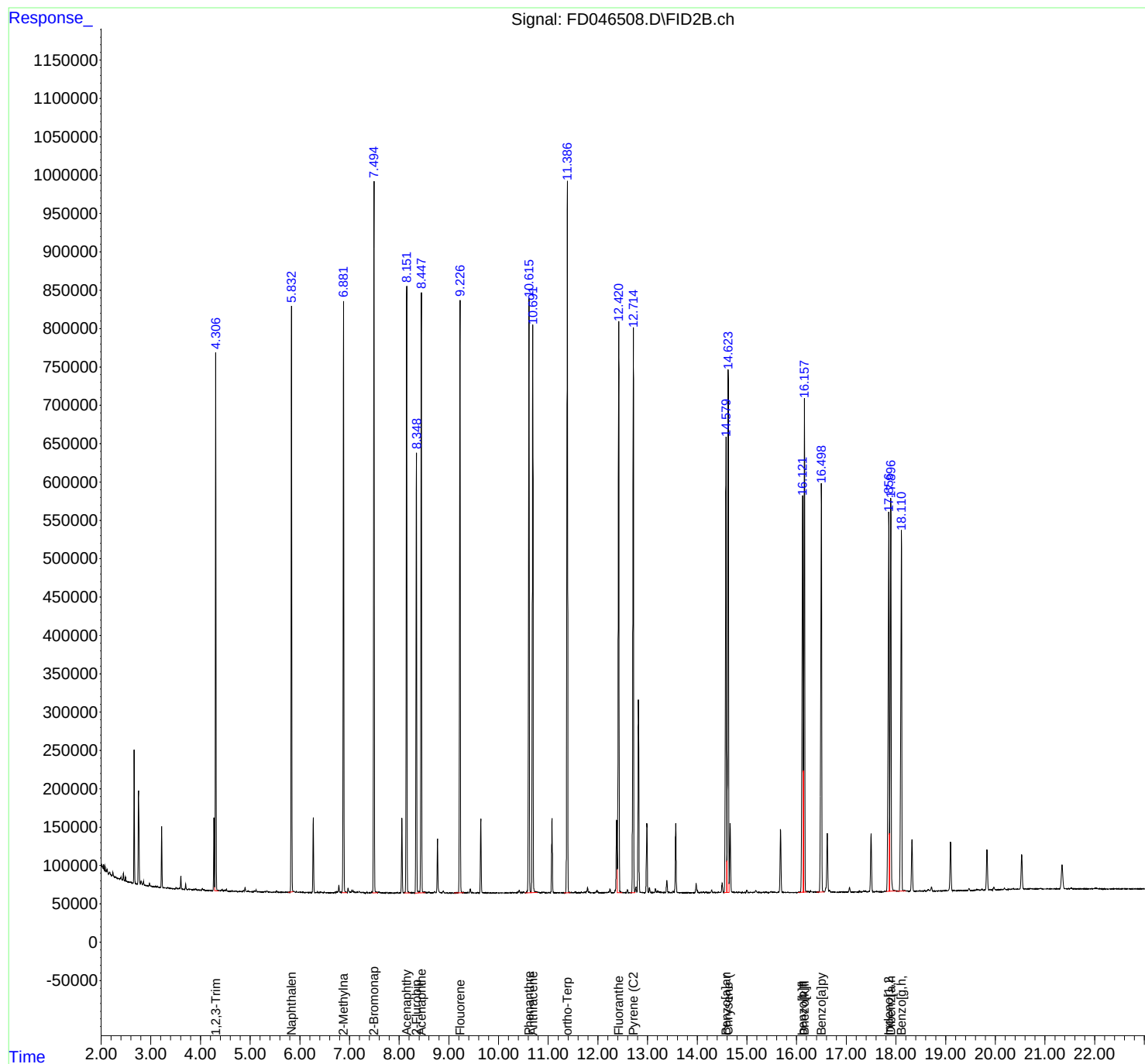
(m)=manual int.

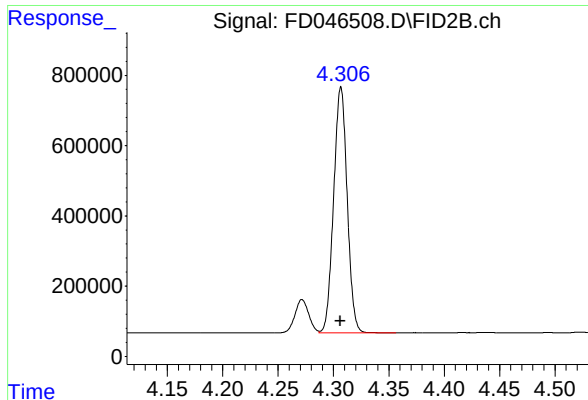
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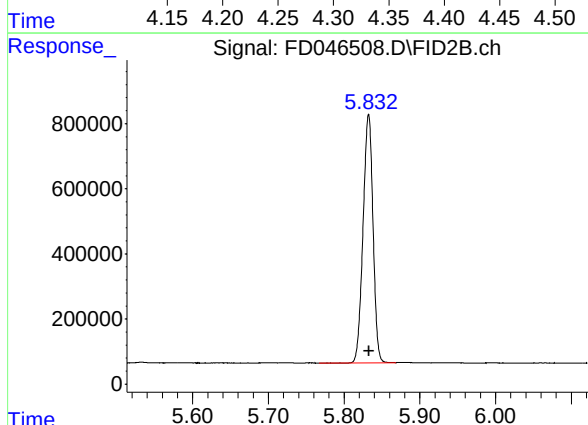




#1 1,2,3-Trimethylbenzene (C10.1)

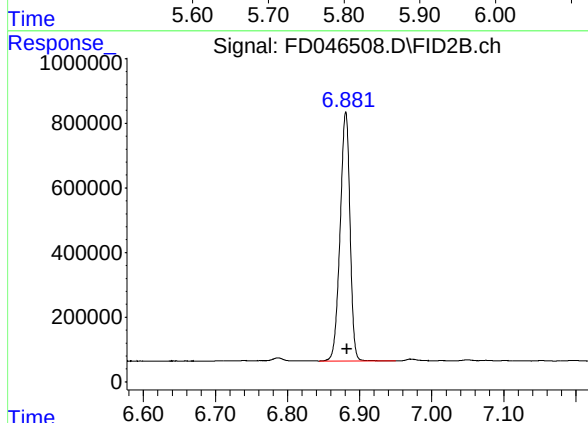
R.T.: 4.307 min
Delta R.T.: 0.000 min
Response: 5967042
Conc: 32.31 ug/ml

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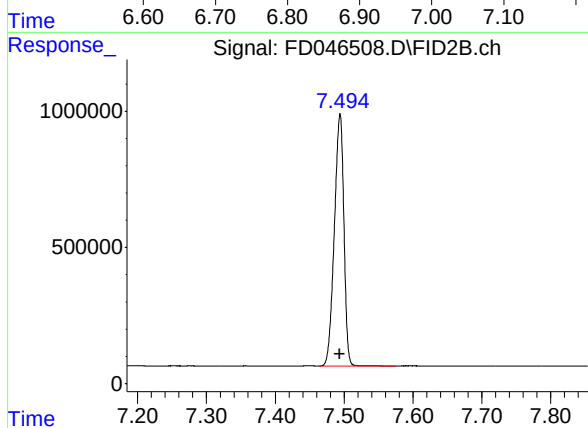
#2 Naphthalene (C11.7)

R.T.: 5.832 min
Delta R.T.: 0.000 min
Response: 6952442
Conc: 35.98 ug/ml



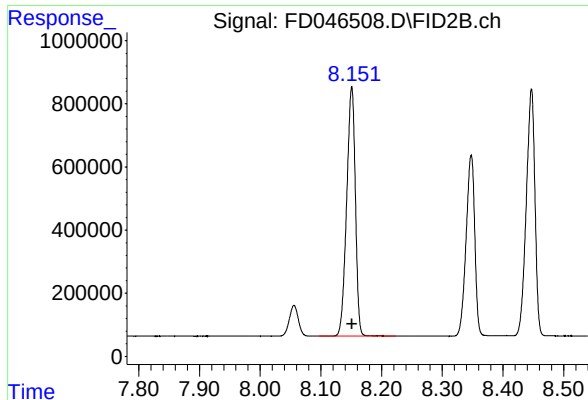
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.881 min
Delta R.T.: -0.002 min
Response: 7349520
Conc: 37.93 ug/ml



#4 2-Bromonaphthalene (SURR)

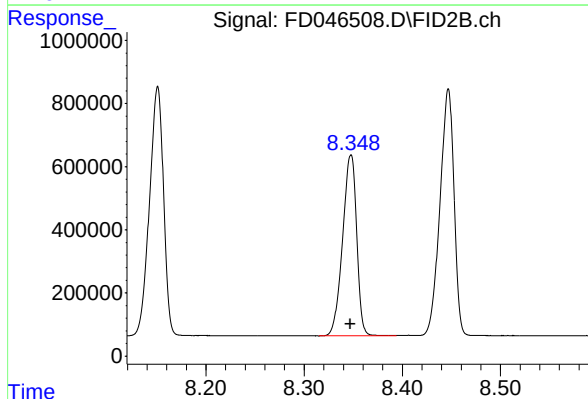
R.T.: 7.494 min
Delta R.T.: 0.000 min
Response: 8918124
Conc: 50.61 ug/ml



#5 Acenaphthylene (C15.06)

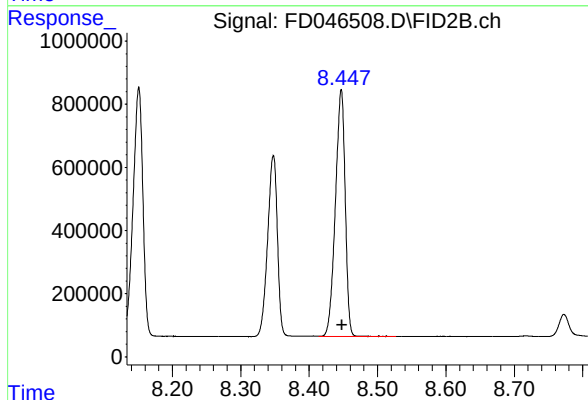
R.T.: 8.151 min
Delta R.T.: 0.000 min
Response: 7868923
Conc: 44.63 ug/ml

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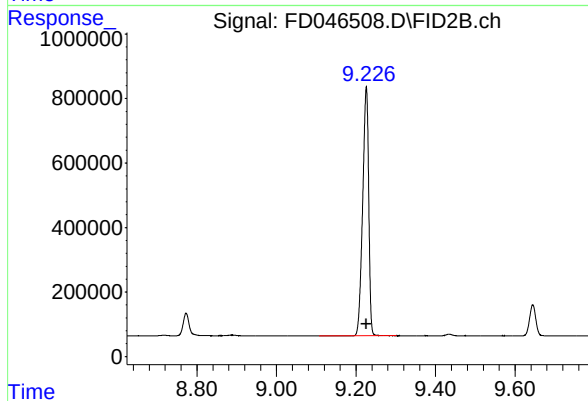
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.347 min
Delta R.T.: 0.000 min
Response: 5714052
Conc: 49.32 ug/ml



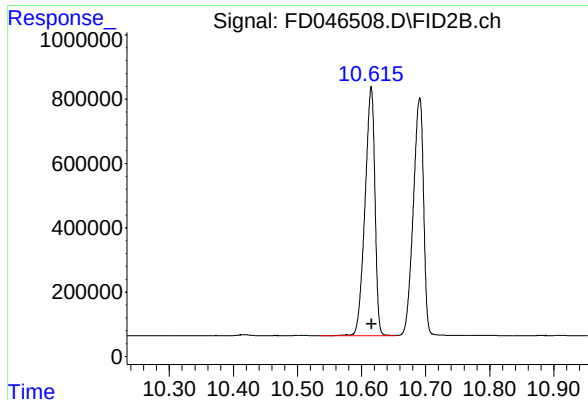
#7 Acenaphthene (C15.5)

R.T.: 8.447 min
Delta R.T.: -0.001 min
Response: 7800790
Conc: 41.52 ug/ml



#8 Fluorene (C16.55)

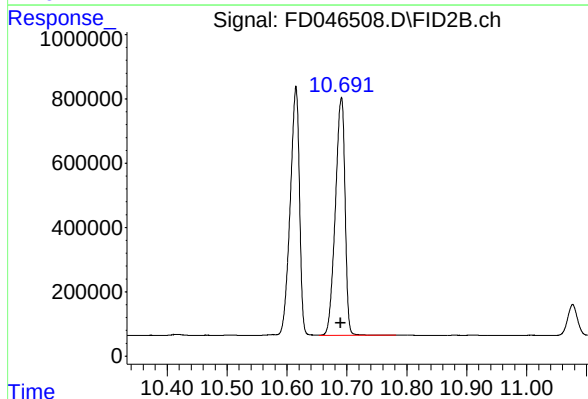
R.T.: 9.226 min
Delta R.T.: 0.000 min
Response: 8096713
Conc: 44.88 ug/ml



#9 Phenanthrene (C19.36)

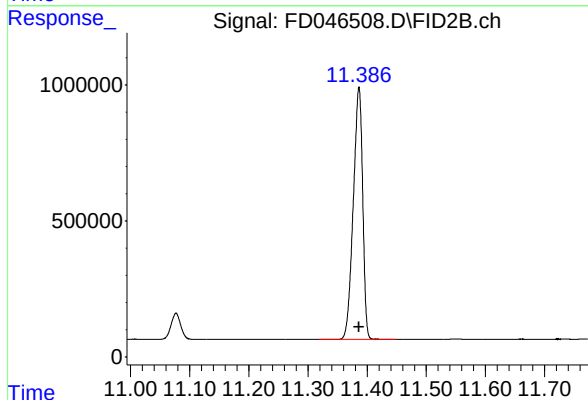
R.T.: 10.615 min
Delta R.T.: 0.000 min
Response: 8346996
Conc: 47.47 ug/ml

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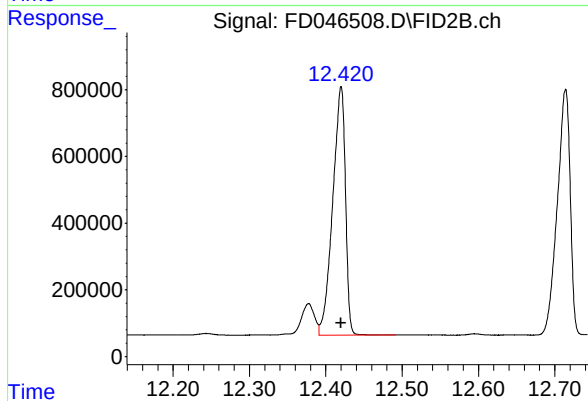
#10 Anthracene (C19.43)

R.T.: 10.690 min
Delta R.T.: 0.000 min
Response: 8299314
Conc: 54.03 ug/ml



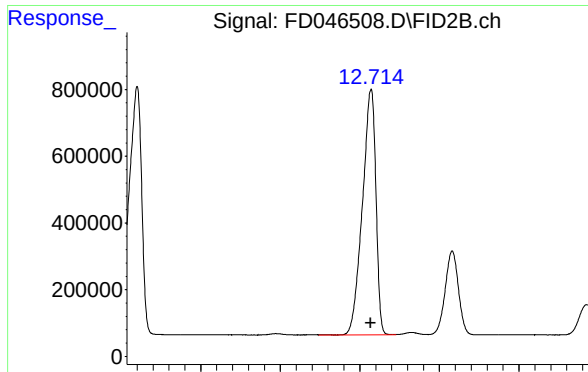
#11 ortho-Terphenyl (SURRE)

R.T.: 11.386 min
Delta R.T.: 0.000 min
Response: 10226658
Conc: 50.20 ug/ml



#12 Fluoranthene (C21.85)

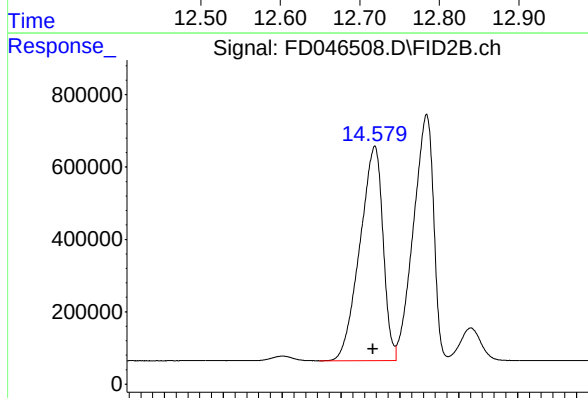
R.T.: 12.420 min
Delta R.T.: 0.000 min
Response: 8622836
Conc: 50.59 ug/ml



#13 Pyrene (C20.8)

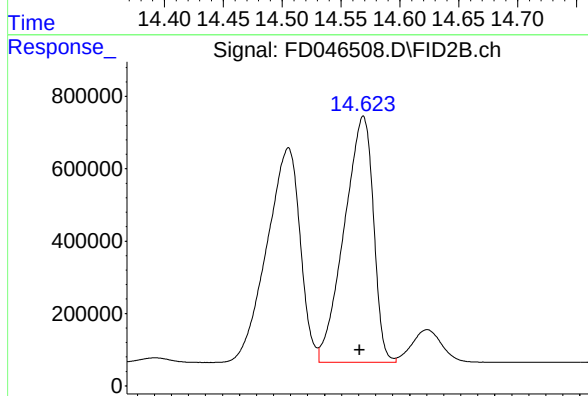
R.T.: 12.714 min
Delta R.T.: 0.000 min
Response: 8685258
Conc: 52.94 ug/ml

Instrument :
FID_D
ClientSampleId :
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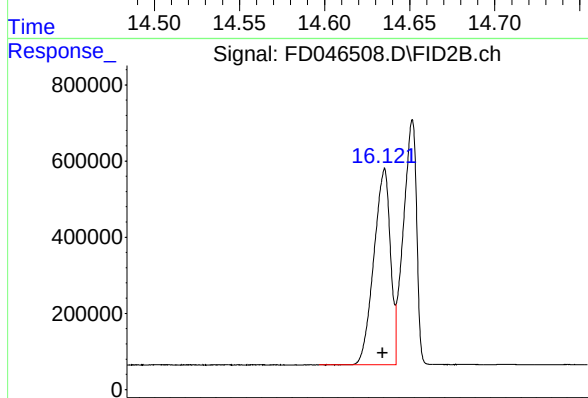
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.578 min
Delta R.T.: 0.001 min
Response: 8097136
Conc: 57.99 ug/ml



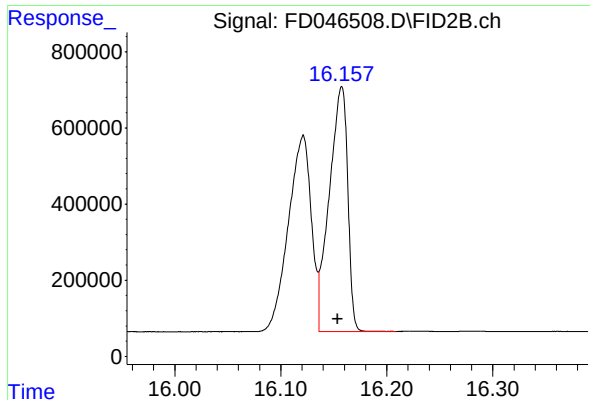
#15 Chrysene (C27.41)

R.T.: 14.622 min
Delta R.T.: 0.002 min
Response: 8126454
Conc: 53.53 ug/ml



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

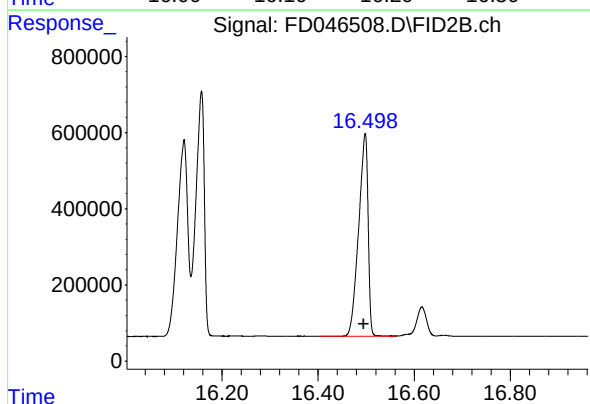
R.T.: 16.120 min
Delta R.T.: 0.002 min
Response: 7753570
Conc: 56.53 ug/ml



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

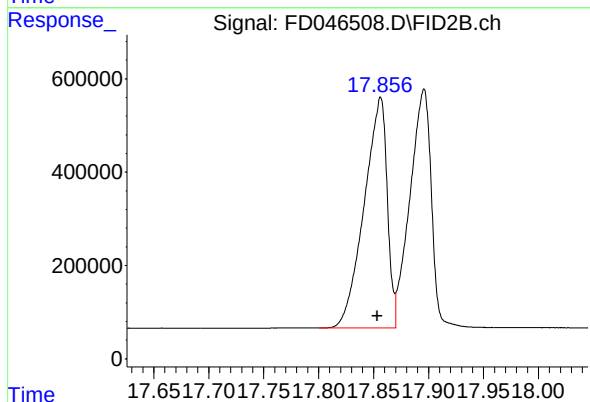
R.T.: 16.157 min
Delta R.T.: 0.003 min
Response: 7762298
Conc: 56.04 ug/ml

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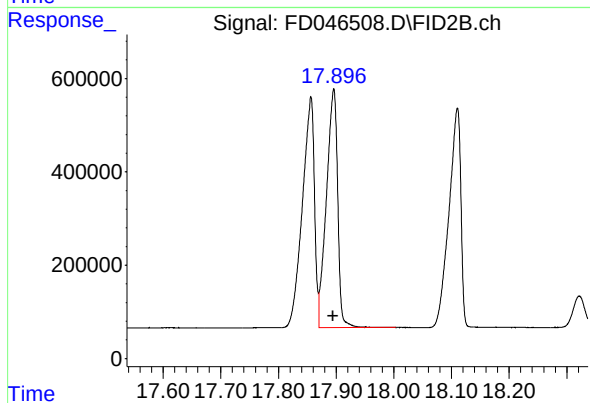
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.497 min
Delta R.T.: 0.003 min
Response: 7256923
Conc: 54.25 ug/ml



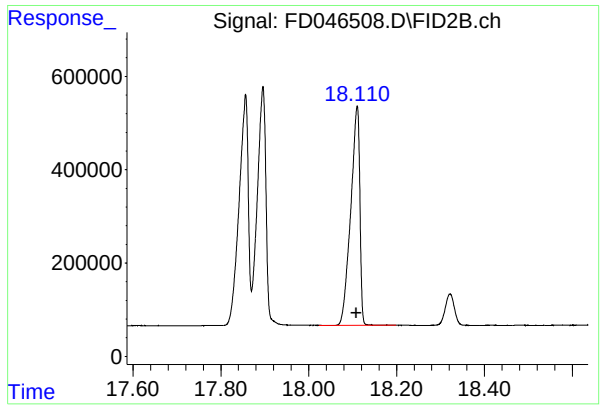
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.856 min
Delta R.T.: 0.002 min
Response: 7198479
Conc: 57.43 ug/ml



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

R.T.: 17.895 min
Delta R.T.: 0.001 min
Response: 6948971
Conc: 52.22 ug/ml



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

R.T.: 18.110 min

Delta R.T.: 0.001 min

Response: 6776095

Conc: 51.38 ug/ml

Instrument :

FID_D

ClientSampleId :

PB155554BSD