

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122623AR\
 Data File : FD047094.D
 Signal(s) : FID2B.ch
 Acq On : 26 Dec 2023 15:24
 Operator : YP/AJ
 Sample : PB158054BS
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB158054BS

Integration File: autoint1.e
 Quant Time: Dec 26 22:26:37 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 122223.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 22 16:13:06 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...	7.472	7889296	47.588 ug/ml
Spiked Amount 50.000		Recovery =	95.18%
6) S 2-Fluorobiphenyl (SURR)	8.324	4171954	40.035 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	80.07%
11) S ortho-Terphenyl (SURR)	11.363	8636681	44.724 ug/ml
Spiked Amount 50.000		Recovery =	89.45%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.288	5145603	28.520 ug/ml
2) T Naphthalene (C11.7)	5.811	6011529	32.659 ug/ml
3) T 2-Methylnaphthalene (...)	6.859	6272494	34.173 ug/ml
5) T Acenaphthylene (C15.06)	8.128	6879779	41.014 ug/ml
7) T Acenaphthene (C15.5)	8.423	6656385	37.009 ug/ml
8) T Fluorene (C16.55)	9.202	6923900	41.773 ug/ml
9) T Phenanthrene (C19.36)	10.591	7028101	45.056 ug/ml
10) T Anthracene (C19.43)	10.666	6826291	47.127 ug/ml
12) T Fluoranthene (C21.85)	12.395	7332859	48.442 ug/ml
13) T Pyrene (C20.8)	12.689	7340988	50.055 ug/ml
14) T Benzo[a]anthracene (C...	14.553	6401089	52.016 ug/ml
15) T Chrysene (C27.41)	14.596	6535004	46.554 ug/ml
16) T benzo[b]fluoranthene ...	16.096	6360214	49.376 ug/ml
17) T Bnezo[k]fluoranthene ...	16.130	6317896	47.501 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.471	5964076	46.933 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.831	5967537	53.828 ug/ml
20) T Dibenz[a,h]anthracene...	17.870	5635575	44.105 ug/ml
21) T Benzo[g,h,i]perylene ...	18.083	5807220	45.328 ug/ml

(f)=RT Delta > 1/2 Window

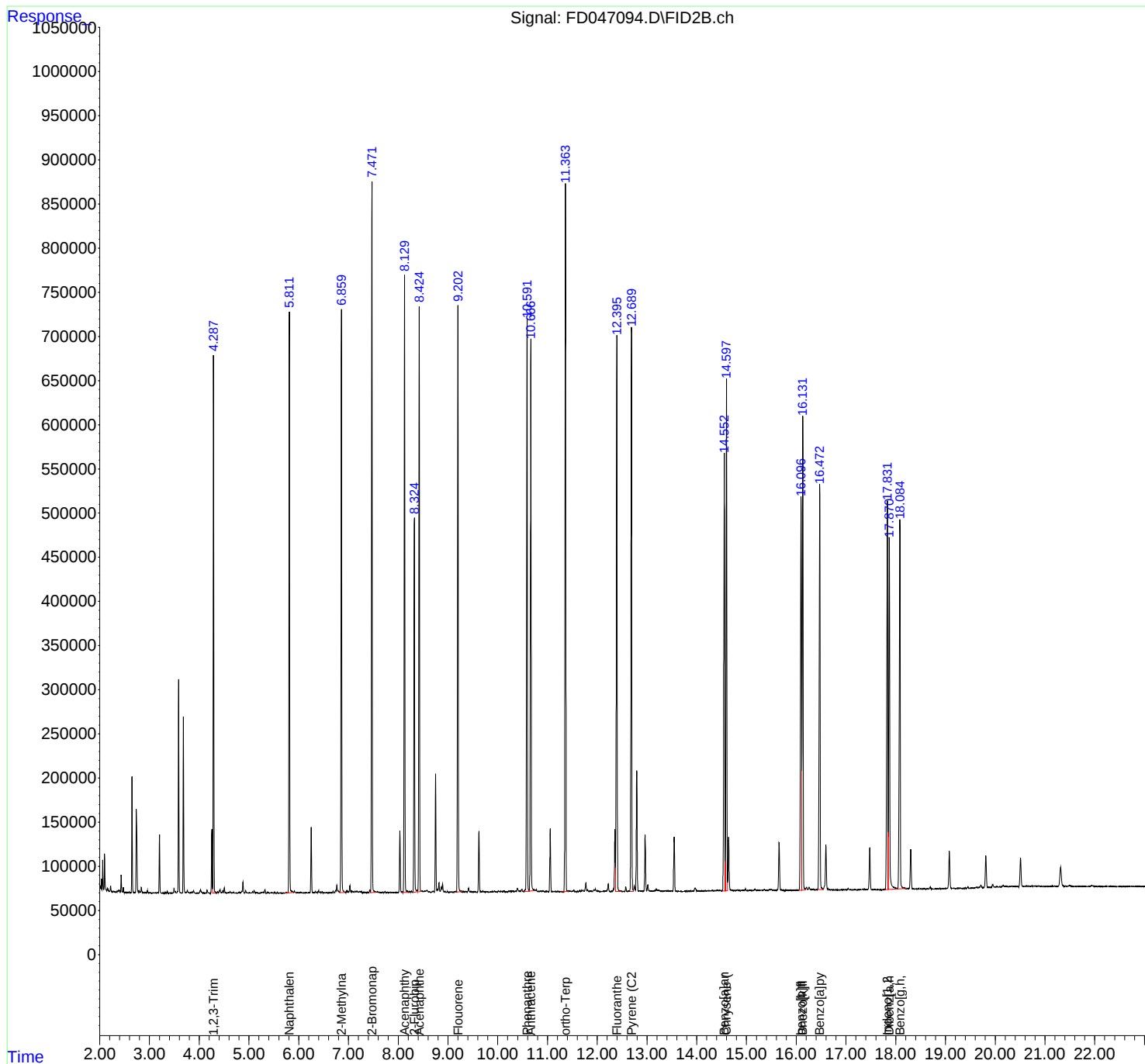
(m)=manual int.

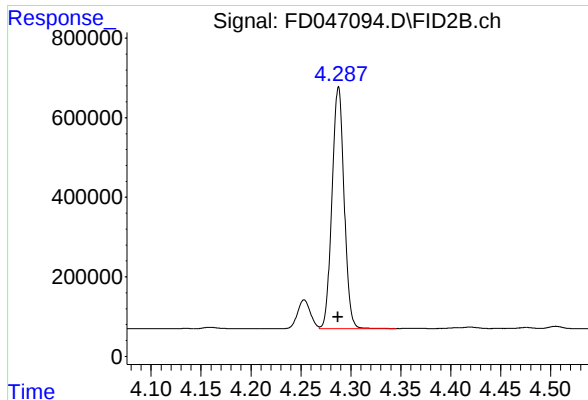
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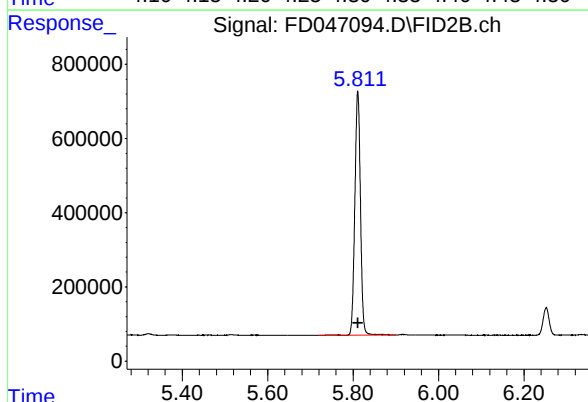




#1 1,2,3-Trimethylbenzene (C10.1)

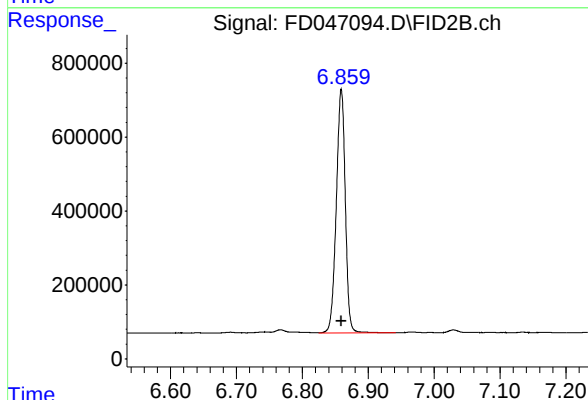
R.T.: 4.288 min
Delta R.T.: 0.000 min
Response: 5145603
Conc: 28.52 ug/ml

Instrument :
FID_D
ClientSampleId :
PB158054BS



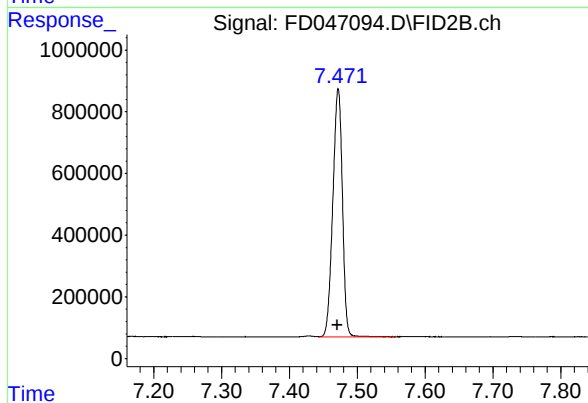
#2 Naphthalene (C11.7)

R.T.: 5.811 min
Delta R.T.: 0.000 min
Response: 6011529
Conc: 32.66 ug/ml



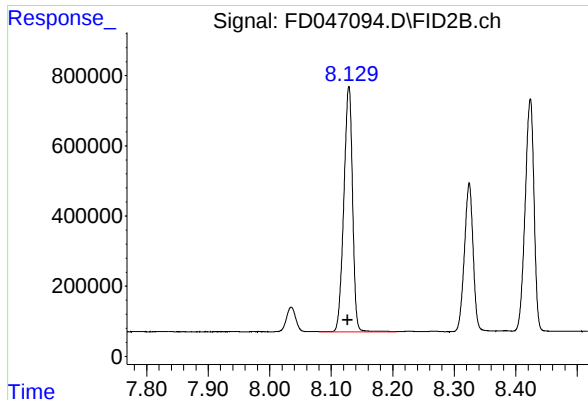
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.859 min
Delta R.T.: 0.000 min
Response: 6272494
Conc: 34.17 ug/ml



#4 2-Bromonaphthalene (SURR)

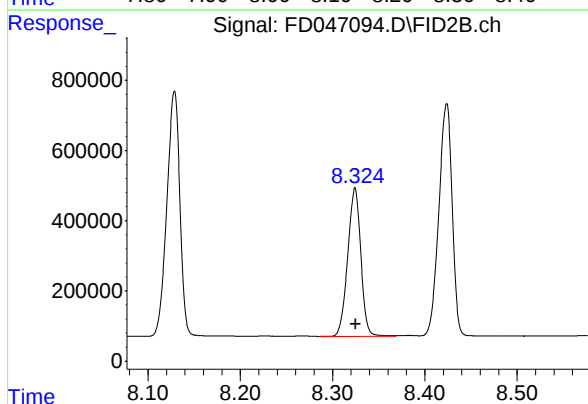
R.T.: 7.472 min
Delta R.T.: 0.001 min
Response: 7889296
Conc: 47.59 ug/ml



#5 Acenaphthylene (C15.06)

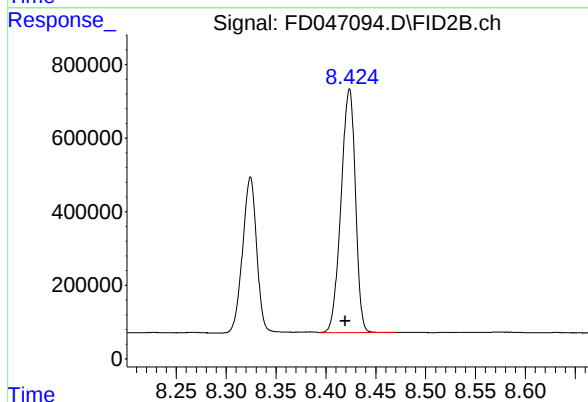
R.T.: 8.128 min
Delta R.T.: 0.002 min
Response: 6879779
Conc: 41.01 ug/ml

Instrument :
FID_D
ClientSampleId :
PB158054BS



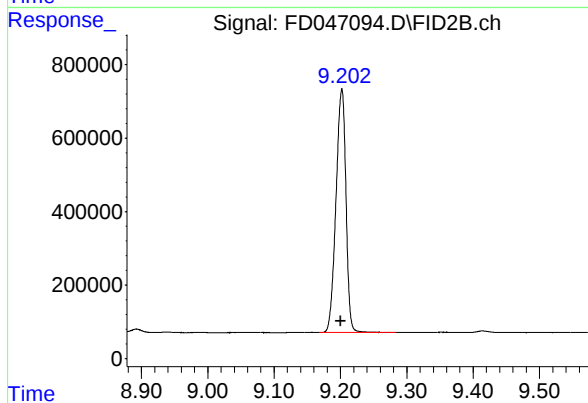
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.324 min
Delta R.T.: 0.000 min
Response: 4171954
Conc: 40.04 ug/ml



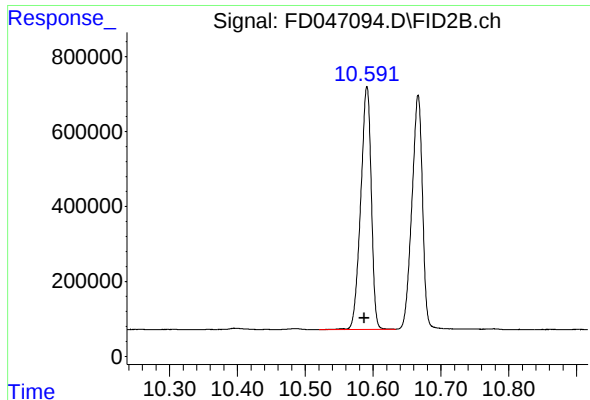
#7 Acenaphthene (C15.5)

R.T.: 8.423 min
Delta R.T.: 0.004 min
Response: 6656385
Conc: 37.01 ug/ml



#8 Flouorene (C16.55)

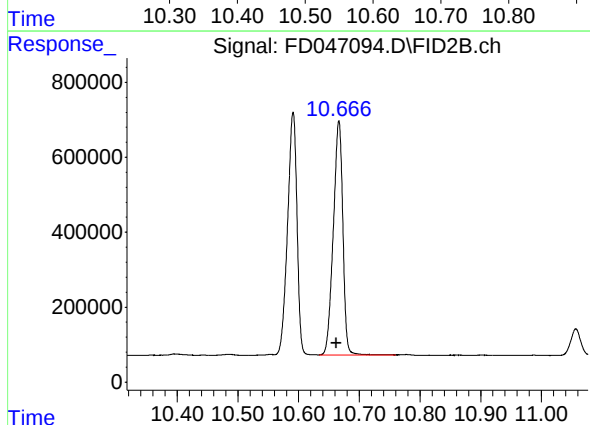
R.T.: 9.202 min
Delta R.T.: 0.002 min
Response: 6923900
Conc: 41.77 ug/ml



#9 Phenanthrene (C19.36)

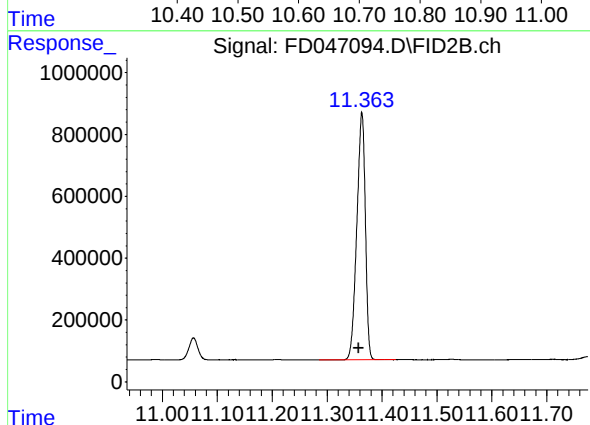
R.T.: 10.591 min
Delta R.T.: 0.004 min
Response: 7028101
Conc: 45.06 ug/ml

Instrument :
FID_D
ClientSampleId :
PB158054BS



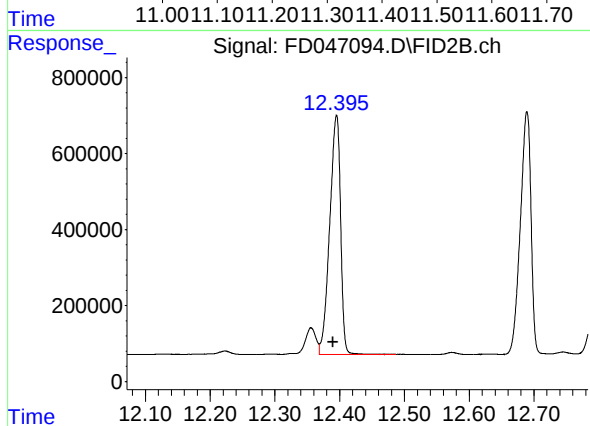
#10 Anthracene (C19.43)

R.T.: 10.666 min
Delta R.T.: 0.004 min
Response: 6826291
Conc: 47.13 ug/ml



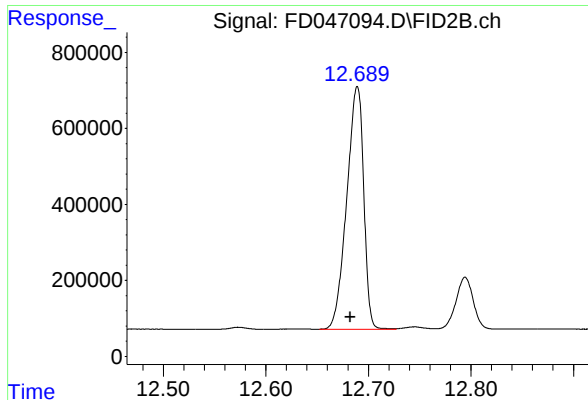
#11 ortho-Terphenyl (SURR)

R.T.: 11.363 min
Delta R.T.: 0.006 min
Response: 8636681
Conc: 44.72 ug/ml



#12 Fluoranthene (C21.85)

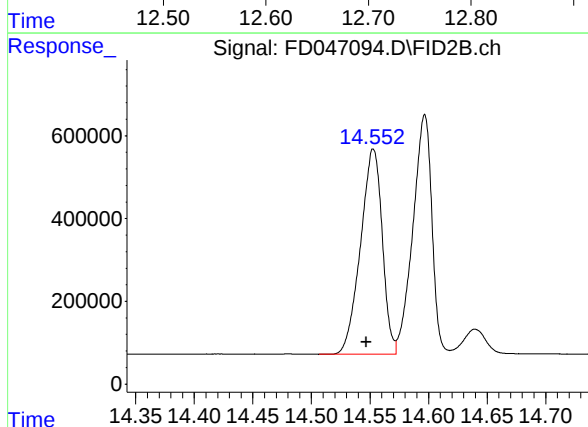
R.T.: 12.395 min
Delta R.T.: 0.005 min
Response: 7332859
Conc: 48.44 ug/ml



#13 Pyrene (C20.8)

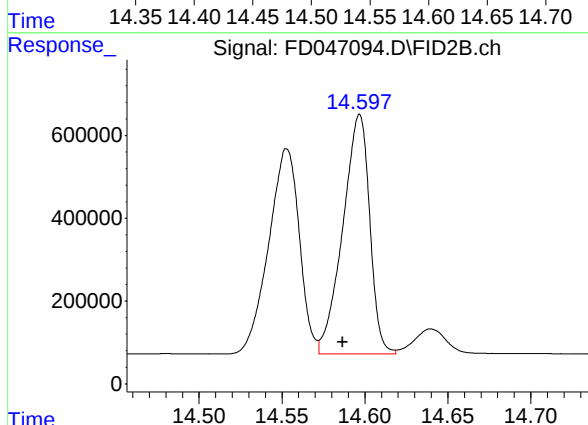
R.T.: 12.689 min
Delta R.T.: 0.006 min
Response: 7340988
Conc: 50.05 ug/ml

Instrument :
FID_D
ClientSampleId :
PB158054BS



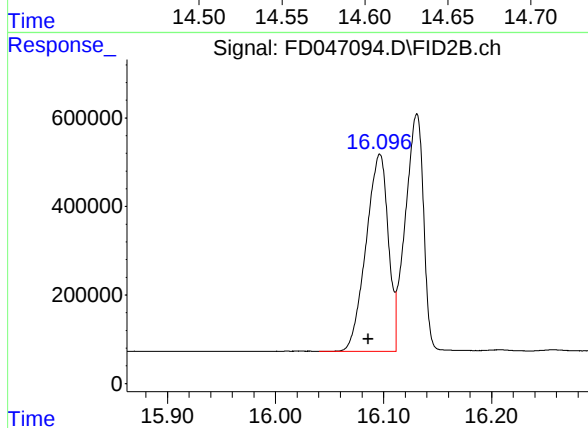
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.553 min
Delta R.T.: 0.006 min
Response: 6401089
Conc: 52.02 ug/ml



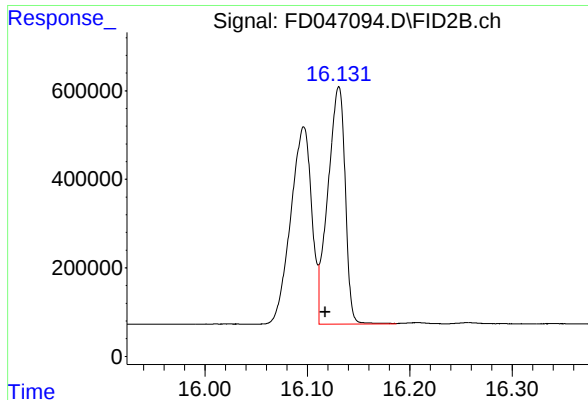
#15 Chrysene (C27.41)

R.T.: 14.596 min
Delta R.T.: 0.010 min
Response: 6535004
Conc: 46.55 ug/ml



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

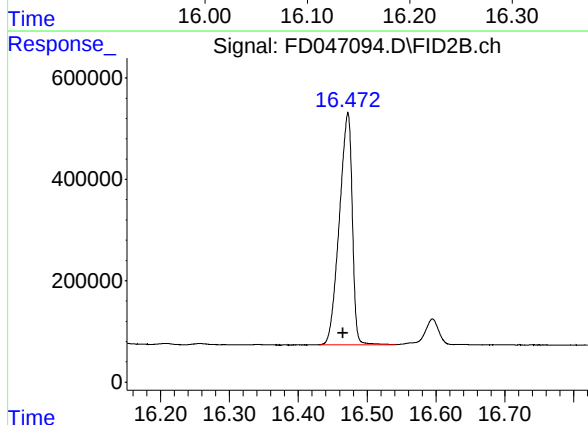
R.T.: 16.096 min
Delta R.T.: 0.010 min
Response: 6360214
Conc: 49.38 ug/ml



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

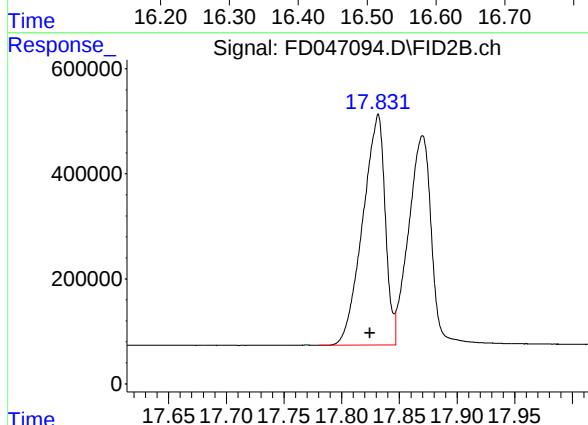
R.T.: 16.130 min
Delta R.T.: 0.013 min
Response: 6317896
Conc: 47.50 ug/ml

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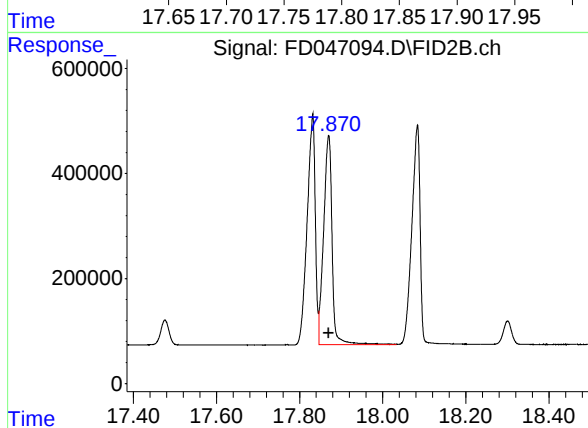
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.471 min
Delta R.T.: 0.006 min
Response: 5964076
Conc: 46.93 ug/ml



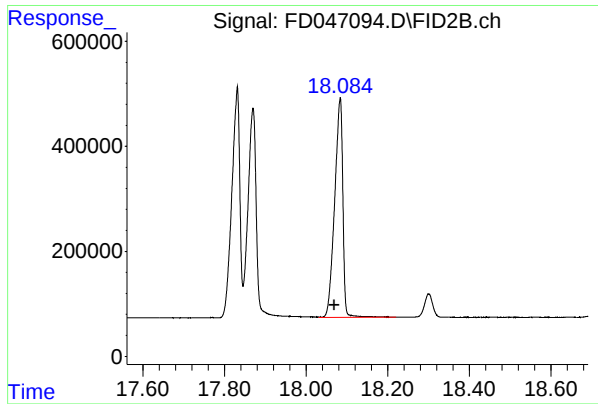
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.831 min
Delta R.T.: 0.006 min
Response: 5967537
Conc: 53.83 ug/ml



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

R.T.: 17.870 min
Delta R.T.: 0.000 min
Response: 5635575
Conc: 44.11 ug/ml



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

R.T.: 18.083 min

Delta R.T.: 0.013 min

Response: 5807220

Conc: 45.33 ug/ml

Instrument :

FID_D

ClientSampleId :

PB158054BS