

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022324AR\
 Data File : FD047299.D
 Signal(s) : FID2B.ch
 Acq On : 23 Feb 2024 10:33
 Operator : YP/AJ
 Sample : PB159207BSD
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 24 02:28:15 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020824.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 08 13:43:49 2024
 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...	7.466	7104774	46.668 ug/ml
Spiked Amount 50.000		Recovery =	93.34%
6) S 2-Fluorobiphenyl (SURR)	8.319	4570084	45.213 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	90.43%
11) S ortho-Terphenyl (SURR)	11.356	6397612	36.274 ug/ml
Spiked Amount 50.000		Recovery =	72.55%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.278	4427615	28.085 ug/ml
2) T Naphthalene (C11.7)	5.804	5381747	32.382 ug/ml
3) T 2-Methylnaphthalene (...)	6.853	5610691	33.270 ug/ml
5) T Acenaphthylene (C15.06)	8.122	5955964	38.697 ug/ml
7) T Acenaphthene (C15.5)	8.418	5908402	35.845 ug/ml
8) T Fluorene (C16.55)	9.196	6203384	39.126 ug/ml
9) T Phenanthrene (C19.36)	10.586	6383384	41.089 ug/ml
10) T Anthracene (C19.43)	10.660	6066704	41.139 ug/ml
12) T Fluoranthene (C21.85)	12.389	6684398	43.172 ug/ml
13) T Pyrene (C20.8)	12.684	6681617	44.417 ug/ml
14) T Benzo[a]anthracene (C...	14.550	6271528	46.655 ug/ml
15) T Chrysene (C27.41)	14.593	6333635	43.253 ug/ml
16) T benzo[b]fluoranthene ...	16.093	6049402	43.937 ug/ml
17) T Bnezo[k]fluoranthene ...	16.128	6102096	43.977 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.469	5783482	42.721 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.829	6016057	47.653 ug/ml
20) T Dibenz[a,h]anthracene...	17.870	5854548	43.940 ug/ml
21) T Benzo[g,h,i]perylene ...	18.083	5574482	42.041 ug/ml

(f)=RT Delta > 1/2 Window

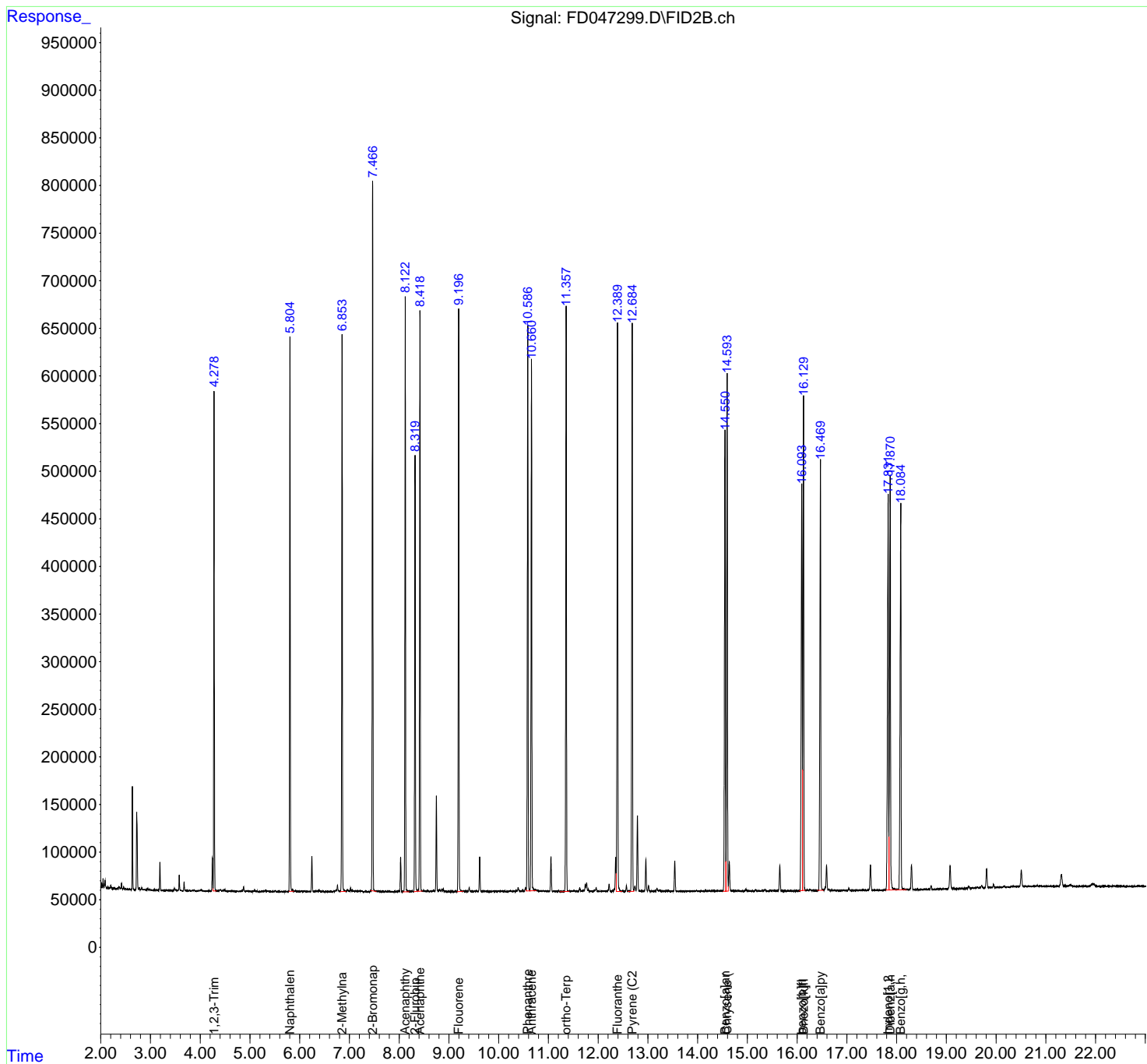
(m)=manual int.

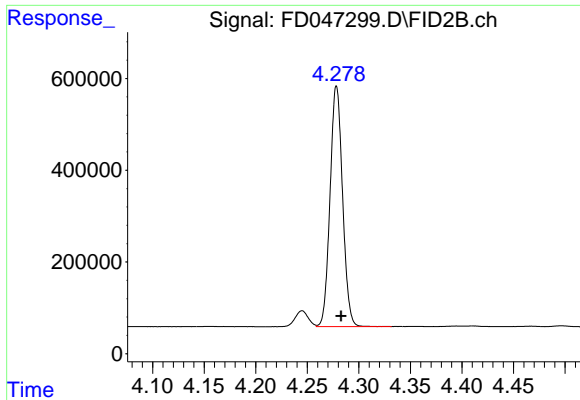
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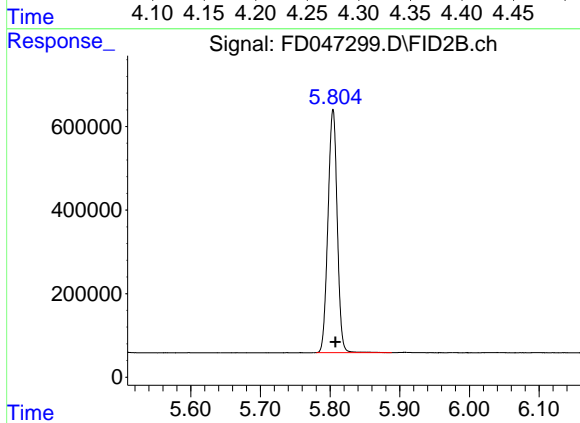




#1 1,2,3-Trimethylbenzene (C10.1)

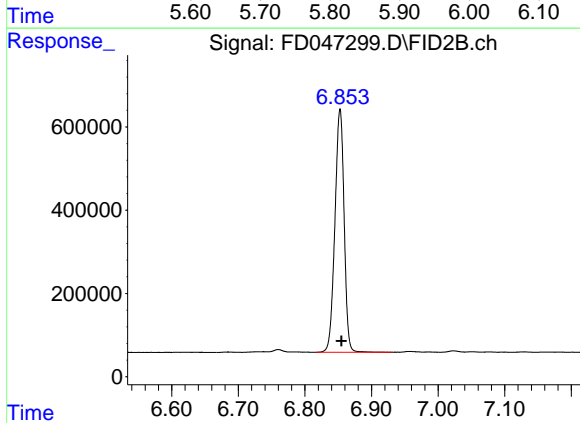
R.T.: 4.278 min
 Delta R.T.: -0.005 min
 Response: 4427615
 Conc: 28.09 ug/ml

Instrument :
 FID_D
 ClientSampleId :



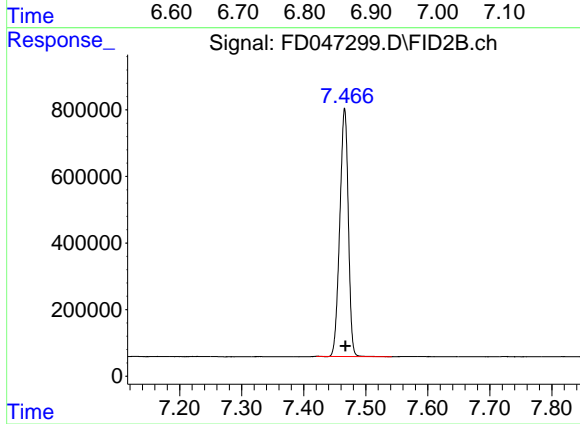
#2 Naphthalene (C11.7)

R.T.: 5.804 min
 Delta R.T.: -0.004 min
 Response: 5381747
 Conc: 32.38 ug/ml



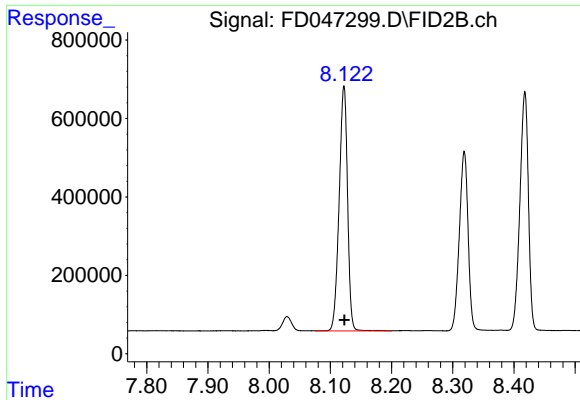
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.853 min
 Delta R.T.: -0.002 min
 Response: 5610691
 Conc: 33.27 ug/ml



#4 2-Bromonaphthalene (SURR)

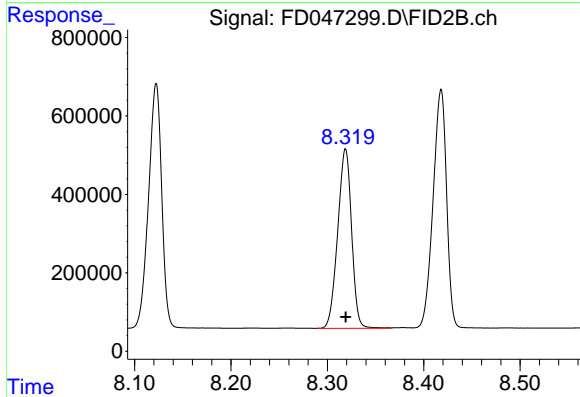
R.T.: 7.466 min
 Delta R.T.: -0.001 min
 Response: 7104774
 Conc: 46.67 ug/ml



#5 Acenaphthylene (C15.06)

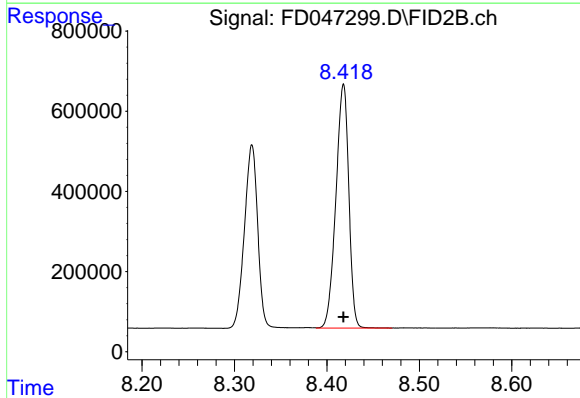
R.T.: 8.122 min
 Delta R.T.: 0.000 min
 Response: 5955964
 Conc: 38.70 ug/ml

Instrument :
 FID_D
 ClientSampleId :



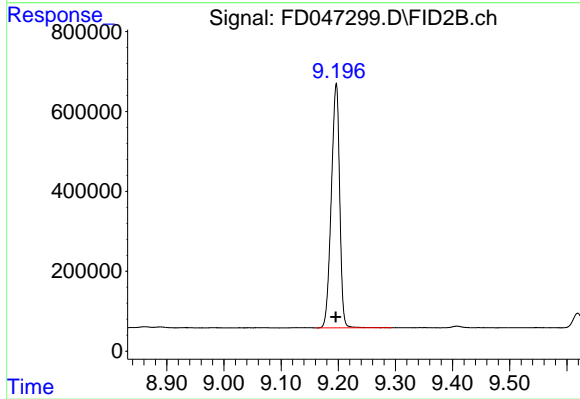
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.319 min
 Delta R.T.: 0.000 min
 Response: 4570084
 Conc: 45.21 ug/ml



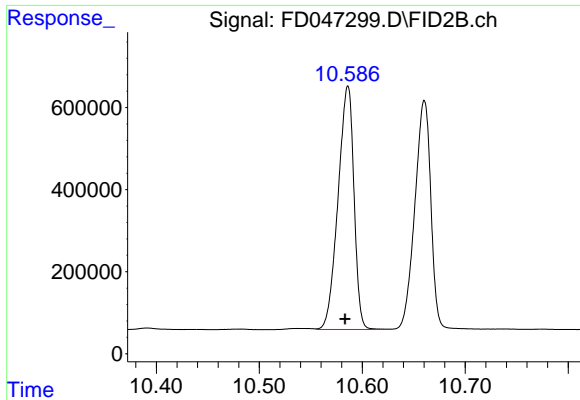
#7 Acenaphthene (C15.5)

R.T.: 8.418 min
 Delta R.T.: 0.000 min
 Response: 5908402
 Conc: 35.85 ug/ml



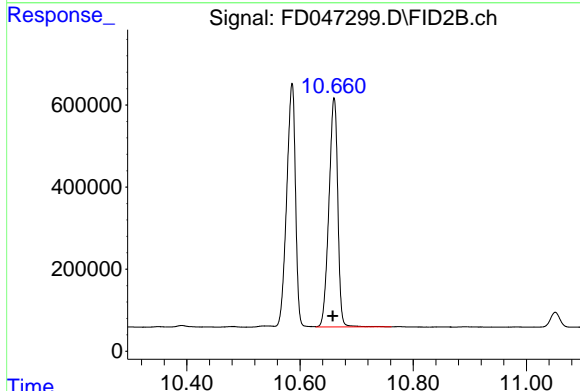
#8 Fluorene (C16.55)

R.T.: 9.196 min
 Delta R.T.: 0.000 min
 Response: 6203384
 Conc: 39.13 ug/ml

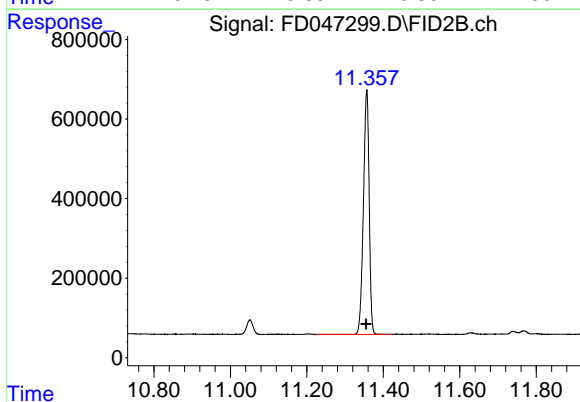


#9 Phenanthrene (C19.36)
 R.T.: 10.586 min
 Delta R.T.: 0.002 min
 Response: 6383384
 Conc: 41.09 ug/ml

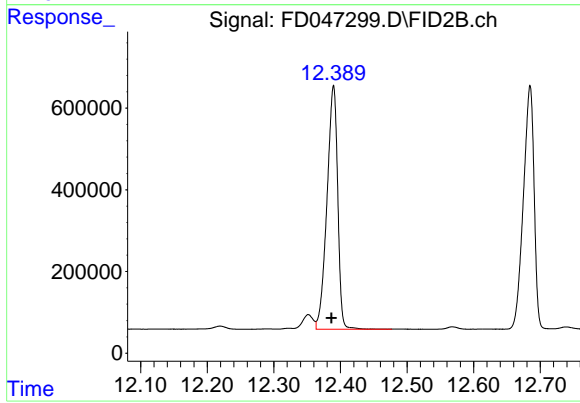
Instrument :
 FID_D
 ClientSampleId :



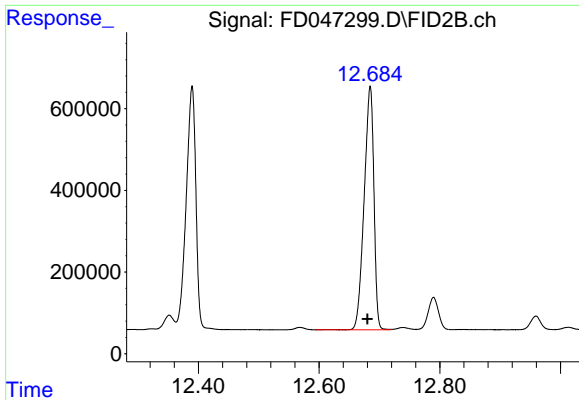
#10 Anthracene (C19.43)
 R.T.: 10.660 min
 Delta R.T.: 0.002 min
 Response: 6066704
 Conc: 41.14 ug/ml



#11 ortho-Terphenyl (SURR)
 R.T.: 11.356 min
 Delta R.T.: 0.001 min
 Response: 6397612
 Conc: 36.27 ug/ml



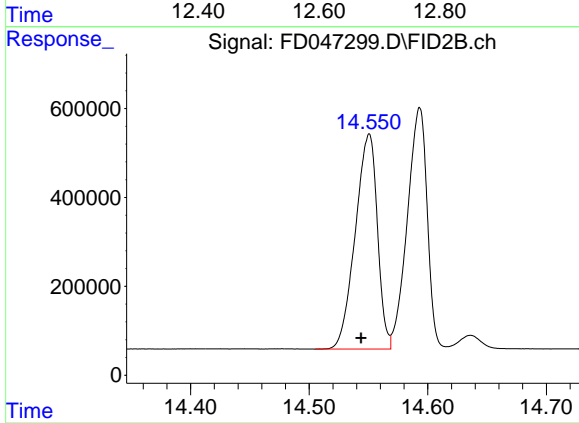
#12 Fluoranthene (C21.85)
 R.T.: 12.389 min
 Delta R.T.: 0.003 min
 Response: 6684398
 Conc: 43.17 ug/ml



#13 Pyrene (C20.8)

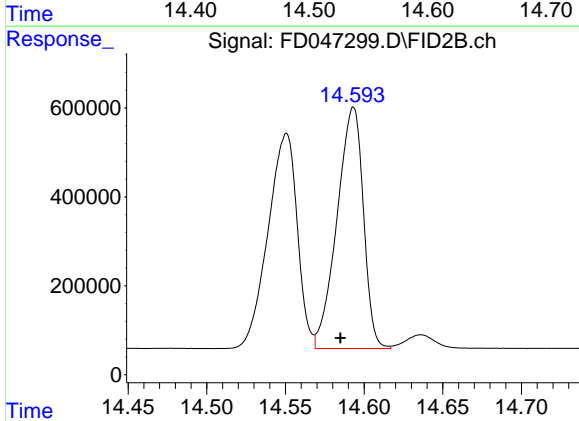
R.T.: 12.684 min
 Delta R.T.: 0.004 min
 Response: 6681617
 Conc: 44.42 ug/ml

Instrument :
 FID_D
 ClientSampleId :



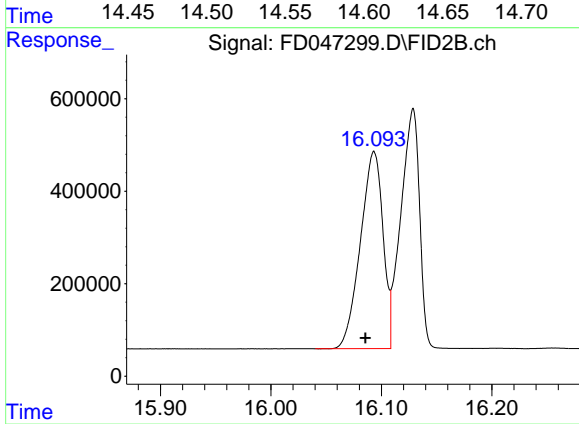
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.550 min
 Delta R.T.: 0.006 min
 Response: 6271528
 Conc: 46.65 ug/ml



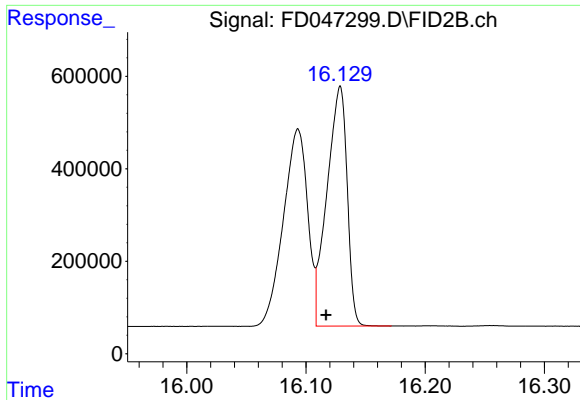
#15 Chrysene (C27.41)

R.T.: 14.593 min
 Delta R.T.: 0.008 min
 Response: 6333635
 Conc: 43.25 ug/ml



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

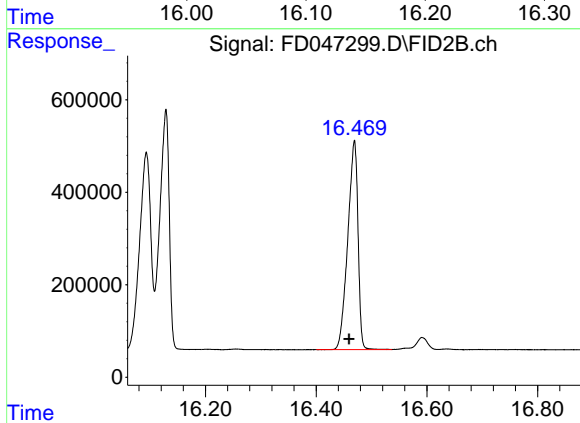
R.T.: 16.093 min
 Delta R.T.: 0.008 min
 Response: 6049402
 Conc: 43.94 ug/ml



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

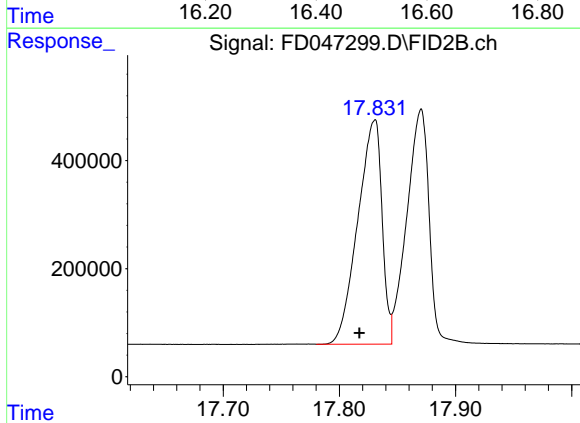
R.T.: 16.128 min
Delta R.T.: 0.011 min
Response: 6102096
Conc: 43.98 ug/ml

Instrument :
FID_D
ClientSampleId :



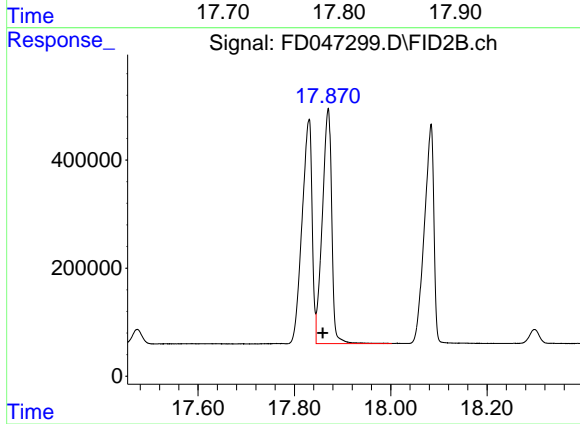
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.469 min
Delta R.T.: 0.009 min
Response: 5783482
Conc: 42.72 ug/ml



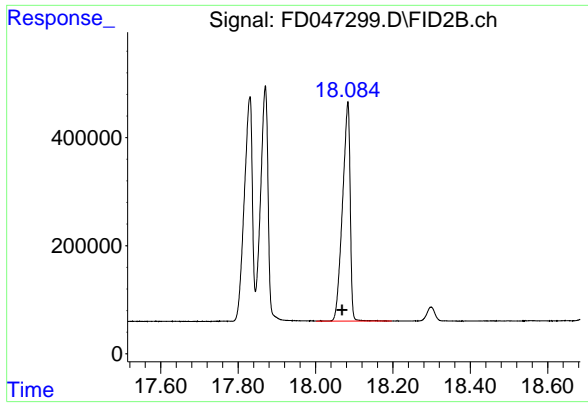
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.829 min
Delta R.T.: 0.012 min
Response: 6016057
Conc: 47.65 ug/ml



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

R.T.: 17.870 min
Delta R.T.: 0.011 min
Response: 5854548
Conc: 43.94 ug/ml



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

R.T.: 18.083 min

Delta R.T.: 0.014 min

Response: 5574482

Conc: 42.04 ug/ml

Instrument :

FID_D

ClientSampleId :