

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121423AR\
 Data File : FD047033.D
 Signal(s) : FID2B.ch
 Acq On : 14 Dec 2023 18:36
 Operator : YP/AJ
 Sample : PB157783BSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 14 23:25:30 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112423.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 24 13:30:33 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...	7.474	9455775	54.656 ug/ml
Spiked Amount 50.000		Recovery =	109.31%
6) S 2-Fluorobiphenyl (SURR)	8.326	5016462	46.132 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	92.26%
11) S ortho-Terphenyl (SURR)	11.365	10913708	54.844 ug/ml
Spiked Amount 50.000		Recovery =	109.69%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.287	6871335	36.930 ug/ml
2) T Naphthalene (C11.7)	5.813	8180629	42.959 ug/ml
3) T 2-Methylnaphthalene (...)	6.861	8487566	44.075 ug/ml
5) T Acenaphthylene (C15.06)	8.130	9176002	52.713 ug/ml
7) T Acenaphthene (C15.5)	8.427	9041576	48.754 ug/ml
8) T Fluorene (C16.55)	9.205	9335528	54.084 ug/ml
9) T Phenanthrene (C19.36)	10.594	9553261	58.186 ug/ml
10) T Anthracene (C19.43)	10.670	9215704	59.594 ug/ml
12) T Fluoranthene (C21.85)	12.398	9913085	62.545 ug/ml
13) T Pyrene (C20.8)	12.693	9849972	64.378 ug/ml
14) T Benzo[a]anthracene (C...	14.556	8511188	65.641 ug/ml
15) T Chrysene (C27.41)	14.600	8602408	60.016 ug/ml
16) T benzo[b]fluoranthene ...	16.098	8346052	62.485 ug/ml
17) T Bnezo[k]fluoranthene ...	16.135	8289593	60.675 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.475	7928166	60.516 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.834	7798339	65.356 ug/ml
20) T Dibenz[a,h]anthracene...	17.873	7322936	56.357 ug/ml
21) T Benzo[g,h,i]perylene ...	18.087	7473852	57.122 ug/ml

(f)=RT Delta > 1/2 Window

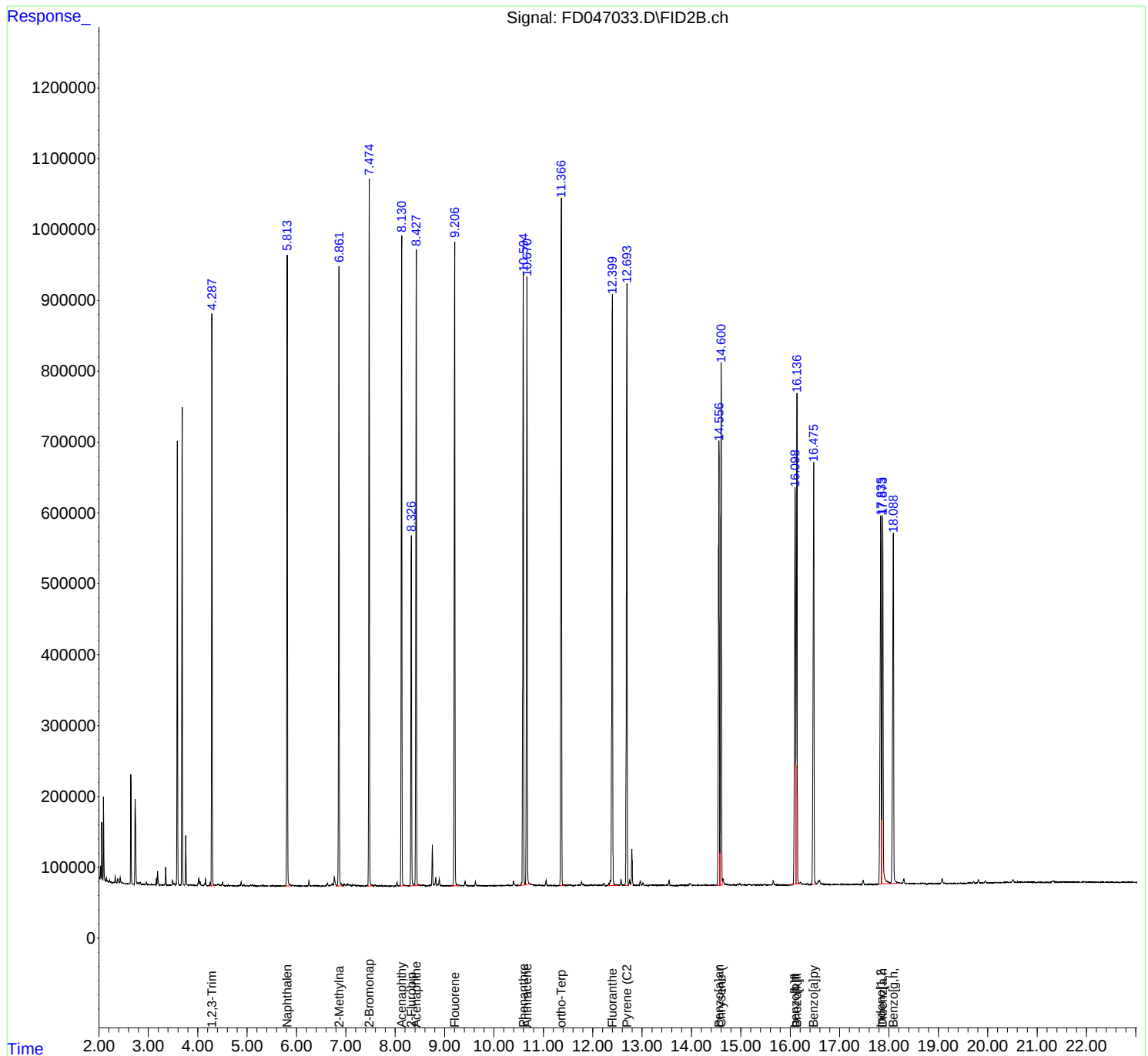
(m)=manual int.

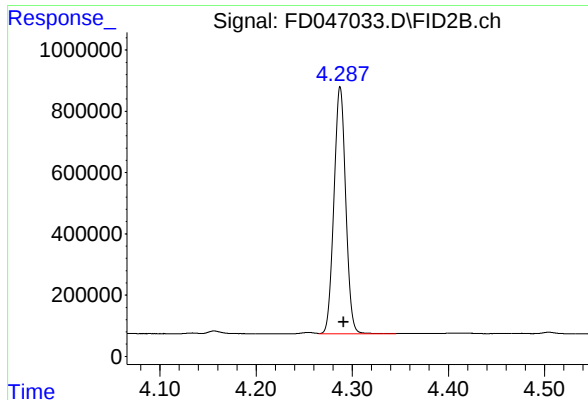
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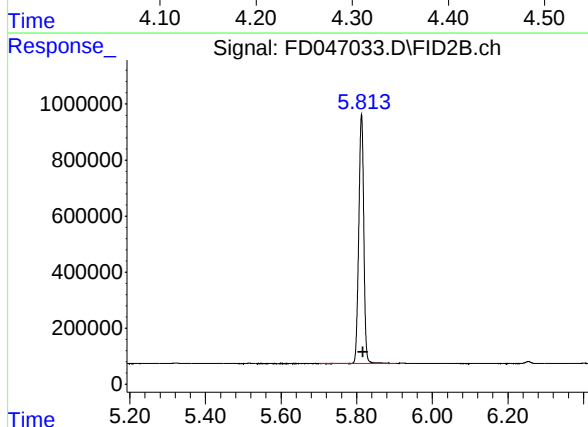




#1 1,2,3-Trimethylbenzene (C10.1)

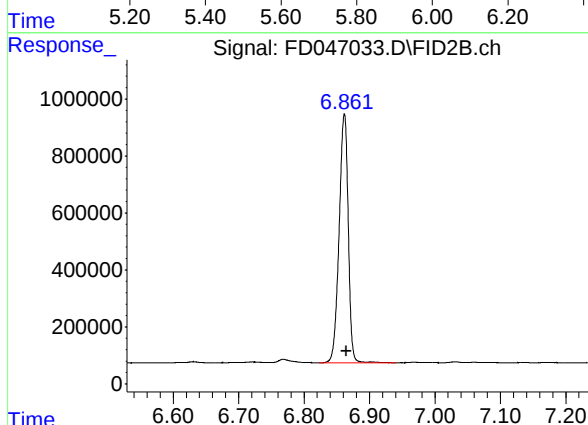
R.T.: 4.287 min
Delta R.T.: -0.004 min
Response: 6871335
Conc: 36.93 ug/ml

Instrument :
FID_D
ClientSampleId :



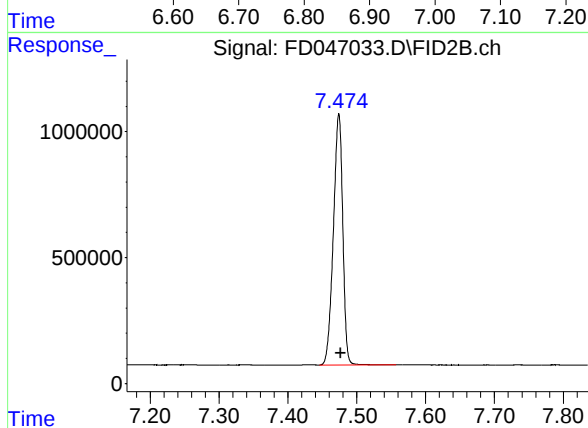
#2 Naphthalene (C11.7)

R.T.: 5.813 min
Delta R.T.: -0.004 min
Response: 8180629
Conc: 42.96 ug/ml



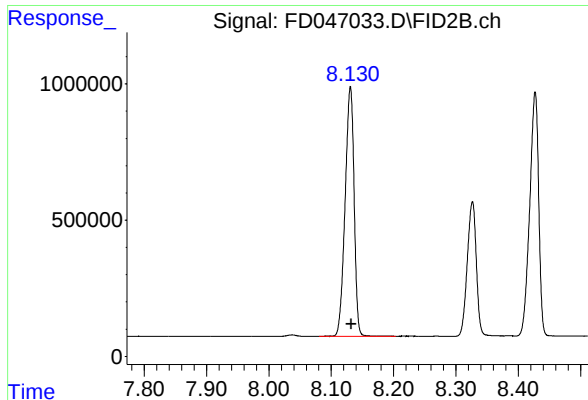
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.861 min
Delta R.T.: -0.003 min
Response: 8487566
Conc: 44.07 ug/ml



#4 2-Bromonaphthalene (SURR)

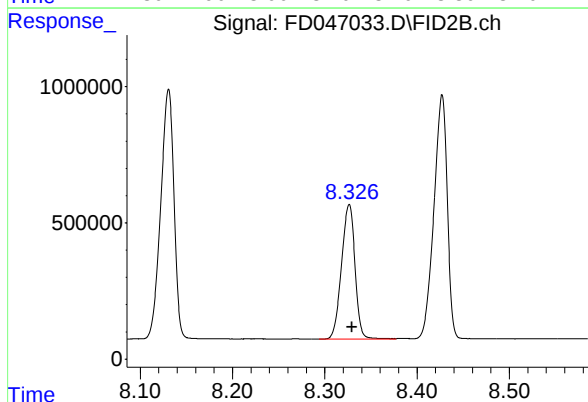
R.T.: 7.474 min
Delta R.T.: -0.003 min
Response: 9455775
Conc: 54.66 ug/ml



#5 Acenaphthylene (C15.06)

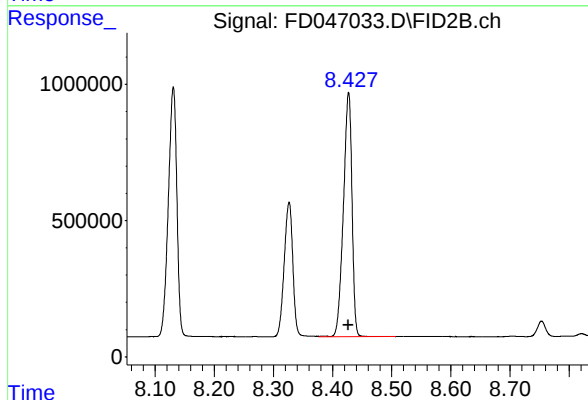
R.T.: 8.130 min
Delta R.T.: -0.002 min
Response: 9176002
Conc: 52.71 ug/ml

Instrument :
FID_D
ClientSampleId :



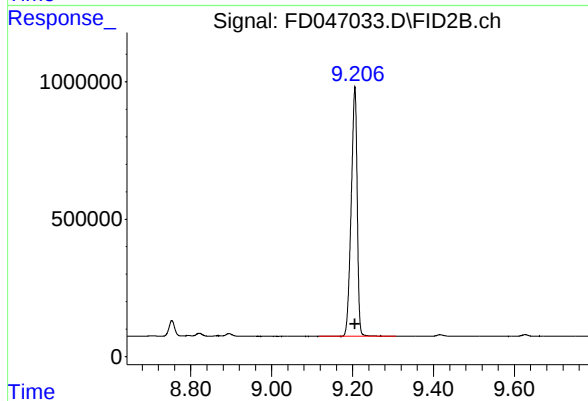
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.326 min
Delta R.T.: -0.003 min
Response: 5016462
Conc: 46.13 ug/ml



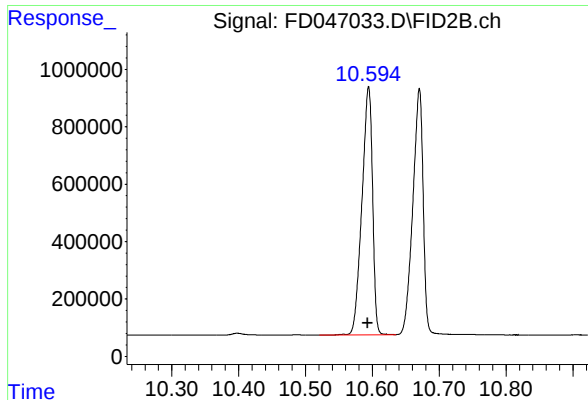
#7 Acenaphthene (C15.5)

R.T.: 8.427 min
Delta R.T.: 0.000 min
Response: 9041576
Conc: 48.75 ug/ml



#8 Flouorene (C16.55)

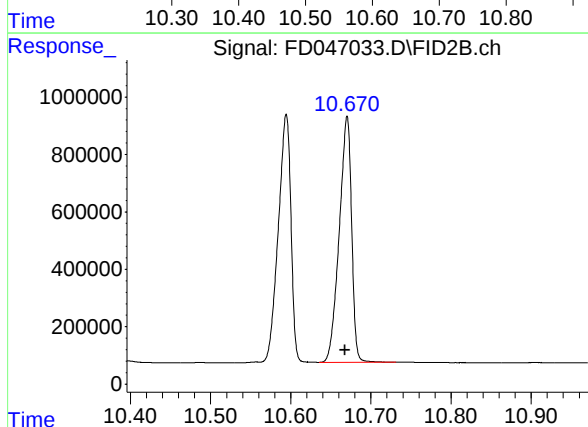
R.T.: 9.205 min
Delta R.T.: 0.000 min
Response: 9335528
Conc: 54.08 ug/ml



#9 Phenanthrene (C19.36)

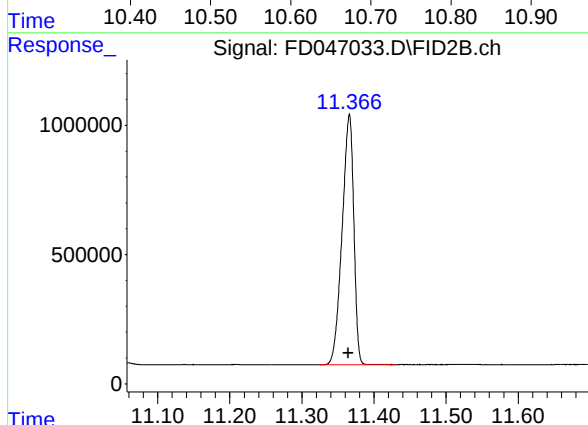
R.T.: 10.594 min
Delta R.T.: 0.000 min
Response: 9553261
Conc: 58.19 ug/ml

Instrument :
FID_D
ClientSampleId :



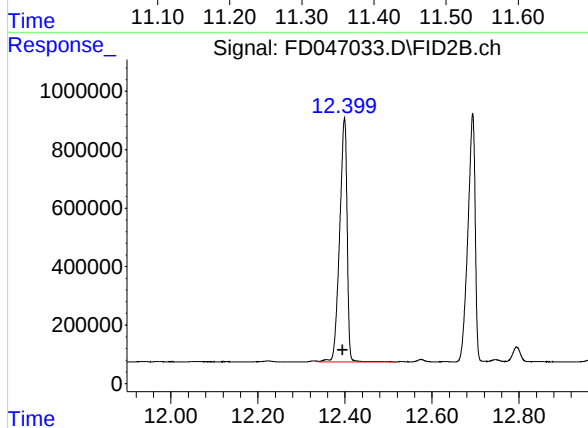
#10 Anthracene (C19.43)

R.T.: 10.670 min
Delta R.T.: 0.002 min
Response: 9215704
Conc: 59.59 ug/ml



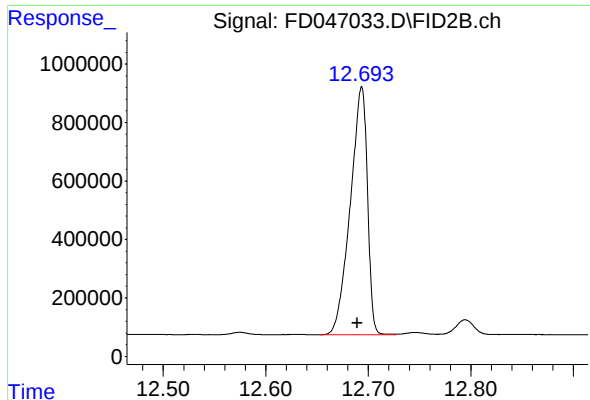
#11 ortho-Terphenyl (SURRE)

R.T.: 11.365 min
Delta R.T.: 0.001 min
Response: 10913708
Conc: 54.84 ug/ml



#12 Fluoranthene (C21.85)

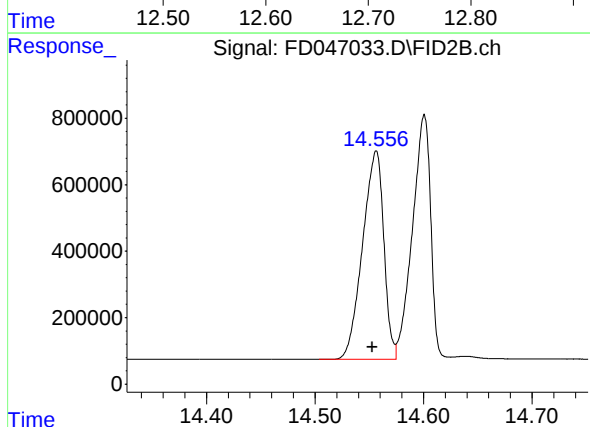
R.T.: 12.398 min
Delta R.T.: 0.003 min
Response: 9913085
Conc: 62.54 ug/ml



#13 Pyrene (C20.8)

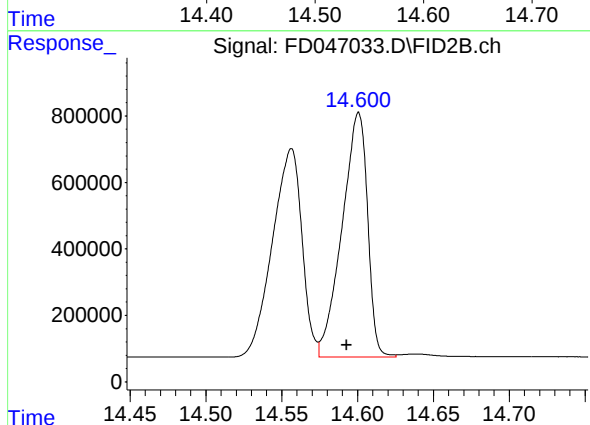
R.T.: 12.693 min
Delta R.T.: 0.004 min
Response: 9849972
Conc: 64.38 ug/ml

Instrument :
FID_D
ClientSampleId :



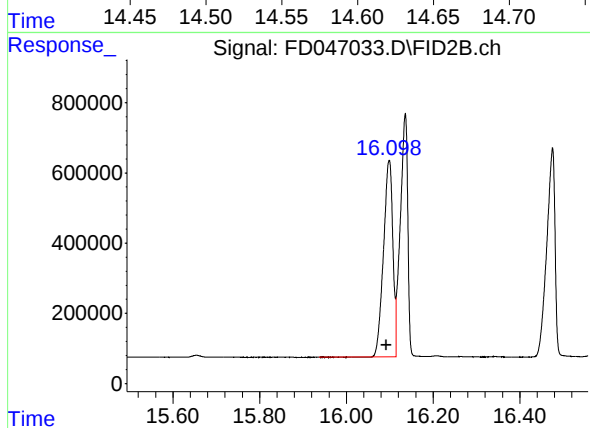
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.556 min
Delta R.T.: 0.003 min
Response: 8511188
Conc: 65.64 ug/ml



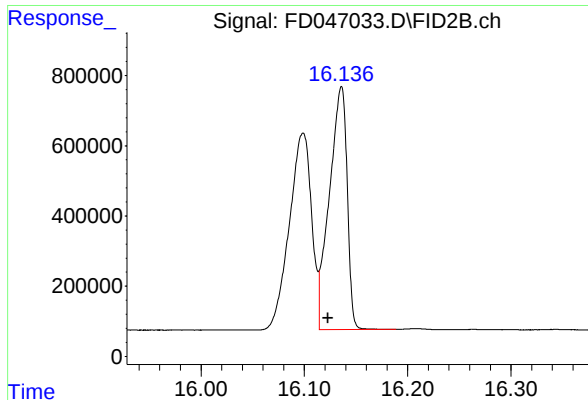
#15 Chrysene (C27.41)

R.T.: 14.600 min
Delta R.T.: 0.008 min
Response: 8602408
Conc: 60.02 ug/ml



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

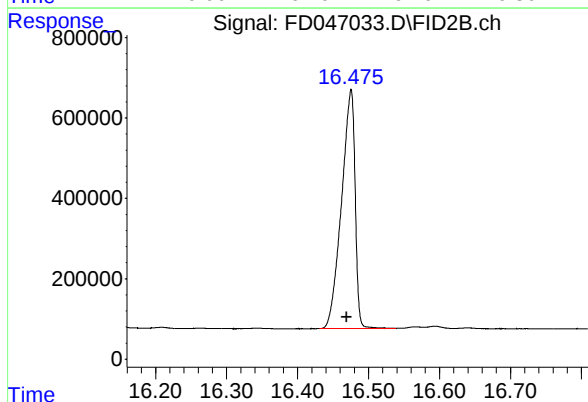
R.T.: 16.098 min
Delta R.T.: 0.007 min
Response: 8346052
Conc: 62.48 ug/ml



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

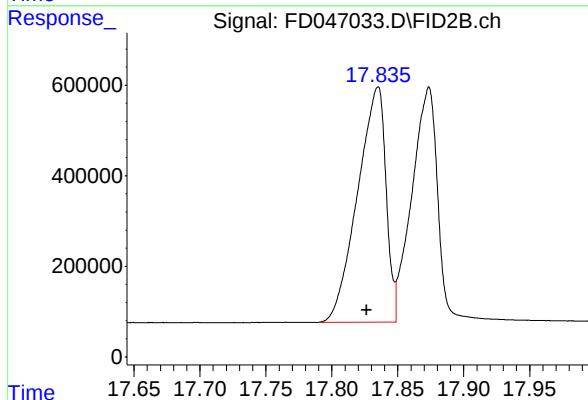
R.T.: 16.135 min
Delta R.T.: 0.012 min
Response: 8289593
Conc: 60.67 ug/ml

Instrument :
FID_D
ClientSampleId :



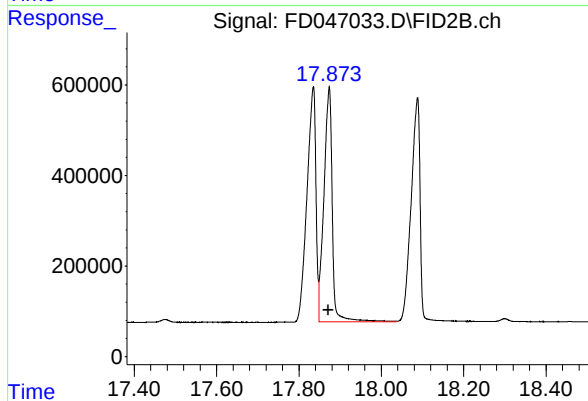
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.475 min
Delta R.T.: 0.006 min
Response: 7928166
Conc: 60.52 ug/ml



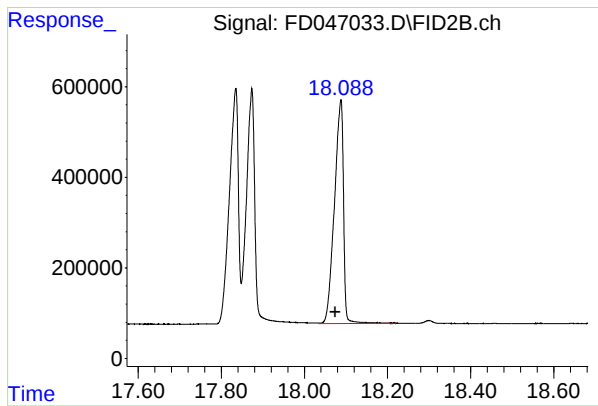
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.834 min
Delta R.T.: 0.007 min
Response: 7798339
Conc: 65.36 ug/ml



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

R.T.: 17.873 min
Delta R.T.: 0.002 min
Response: 7322936
Conc: 56.36 ug/ml



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

R.T.: 18.087 min

Delta R.T.: 0.012 min

Response: 7473852

Conc: 57.12 ug/ml

Instrument :

FID_D

ClientSampleId :