

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090523AR\
 Data File : FD046434.D
 Signal(s) : FID2B.ch
 Acq On : 05 Sep 2023 20:46
 Operator : YP/AJ
 Sample : PB155321BS
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 06 00:12:49 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 082223.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 22 12:26:56 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...	7.495	7857688	46.527 ug/ml
Spiked Amount 50.000		Recovery =	93.05%
6) S 2-Fluorobiphenyl (SURR)	8.350	4975731	44.710 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	89.42%
11) S ortho-Terphenyl (SURR)	11.389	9591963	48.907 ug/ml
Spiked Amount 50.000		Recovery =	97.81%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.306	6590927	37.508 ug/ml
2) T Naphthalene (C11.7)	5.834	7752457	42.063 ug/ml
3) T 2-Methylnaphthalene (...)	6.883	8211579	44.226 ug/ml
5) T Acenaphthylene (C15.06)	8.154	8872962	52.139 ug/ml
7) T Acenaphthene (C15.5)	8.450	8793725	48.811 ug/ml
8) T Fluorene (C16.55)	9.229	9189775	52.545 ug/ml
9) T Phenanthrene (C19.36)	10.619	9441863	55.030 ug/ml
10) T Anthracene (C19.43)	10.696	9340319	55.368 ug/ml
12) T Fluoranthene (C21.85)	12.425	9597292	57.687 ug/ml
13) T Pyrene (C20.8)	12.719	9652621	59.890 ug/ml
14) T Benzo[a]anthracene (C...	14.583	8861051	62.984 ug/ml
15) T Chrysene (C27.41)	14.628	8833587	59.552 ug/ml
16) T benzo[b]fluoranthene ...	16.126	8413600	61.919 ug/ml
17) T Bnezo[k]fluoranthene ...	16.163	8337662	61.458 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.502	7844058	59.532 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.862	7837838	62.836 ug/ml
20) T Dibenz[a,h]anthracene...	17.903	7313282	58.363 ug/ml
21) T Benzo[g,h,i]perylene ...	18.117	7447065	58.071 ug/ml

(f)=RT Delta > 1/2 Window

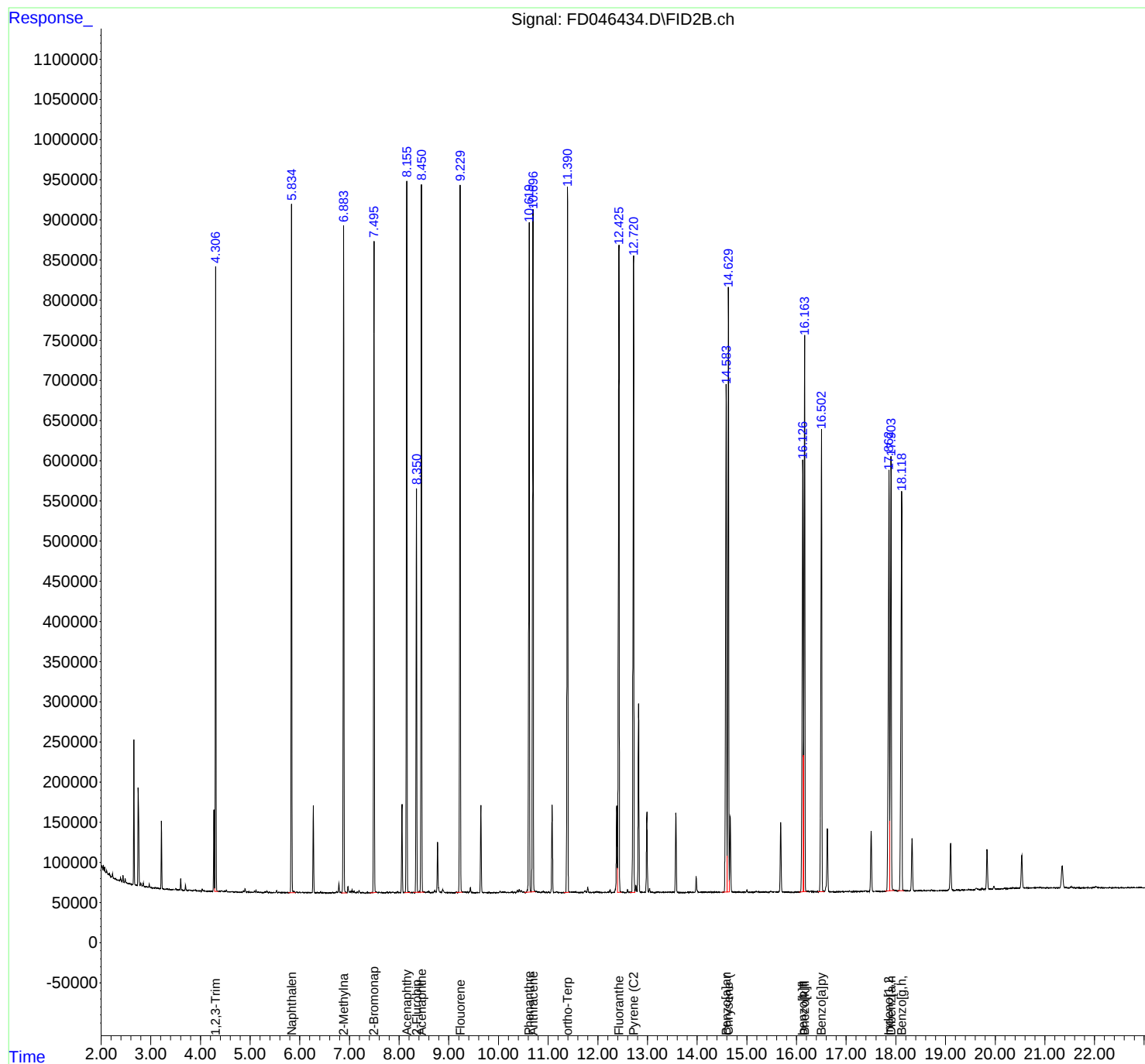
(m)=manual int.

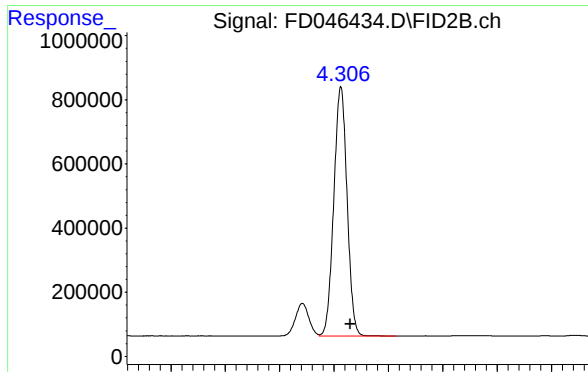
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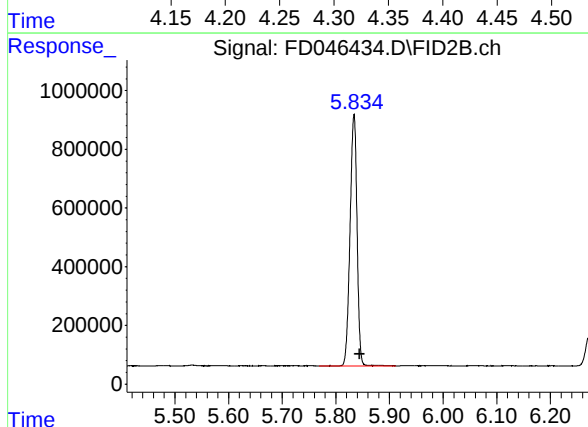




#1 1,2,3-Trimethylbenzene (C10.1)

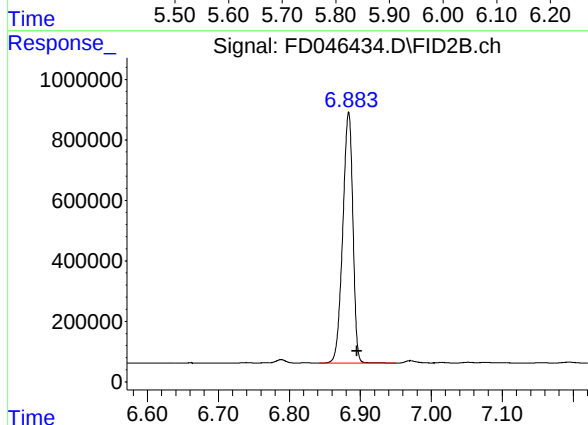
R.T.: 4.306 min
Delta R.T.: -0.009 min
Response: 6590927
Conc: 37.51 ug/ml

Instrument :
FID_D
ClientSampleId :



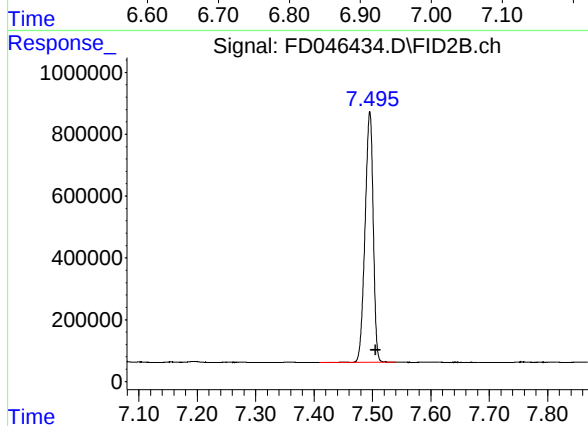
#2 Naphthalene (C11.7)

R.T.: 5.834 min
Delta R.T.: -0.011 min
Response: 7752457
Conc: 42.06 ug/ml



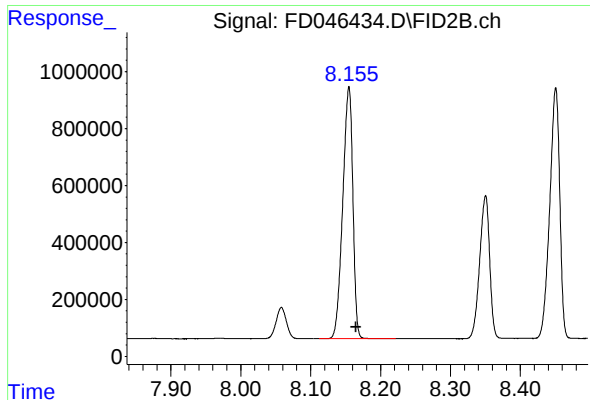
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.883 min
Delta R.T.: -0.012 min
Response: 8211579
Conc: 44.23 ug/ml



#4 2-Bromonaphthalene (SURR)

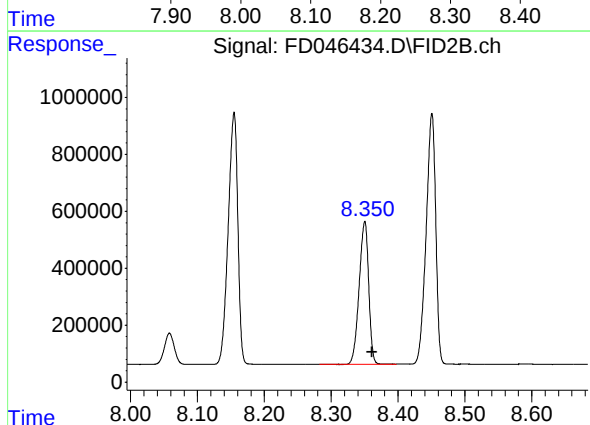
R.T.: 7.495 min
Delta R.T.: -0.010 min
Response: 7857688
Conc: 46.53 ug/ml



#5 Acenaphthylene (C15.06)

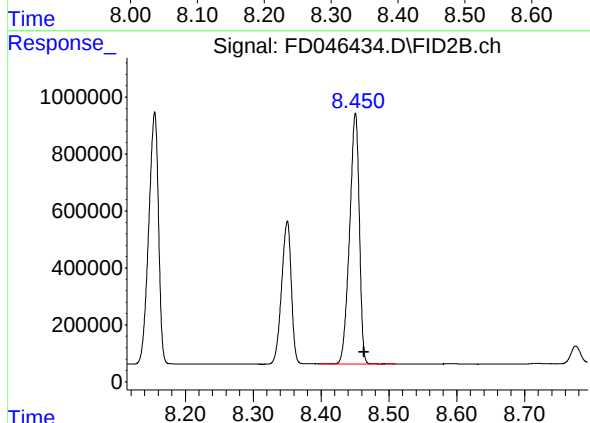
R.T.: 8.154 min
Delta R.T.: -0.011 min
Response: 8872962
Conc: 52.14 ug/ml

Instrument :
FID_D
ClientSampleId :



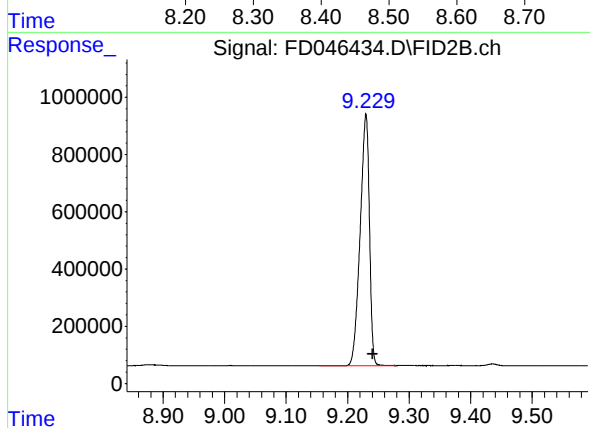
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.350 min
Delta R.T.: -0.011 min
Response: 4975731
Conc: 44.71 ug/ml



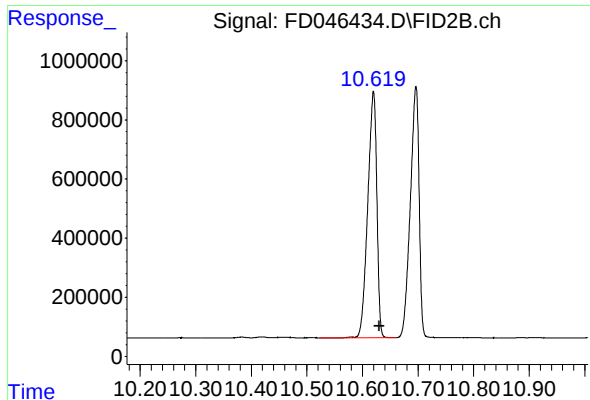
#7 Acenaphthene (C15.5)

R.T.: 8.450 min
Delta R.T.: -0.013 min
Response: 8793725
Conc: 48.81 ug/ml



#8 Flouorene (C16.55)

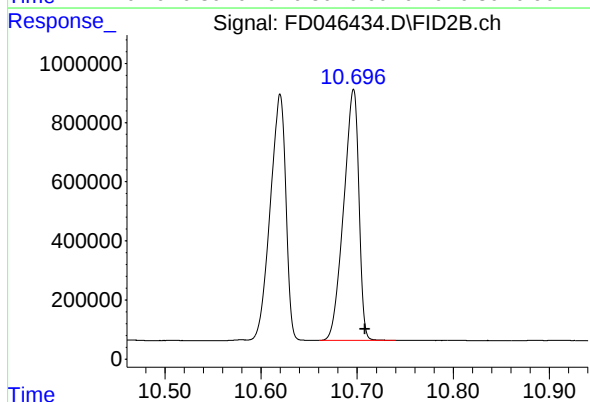
R.T.: 9.229 min
Delta R.T.: -0.011 min
Response: 9189775
Conc: 52.54 ug/ml



#9 Phenanthrene (C19.36)

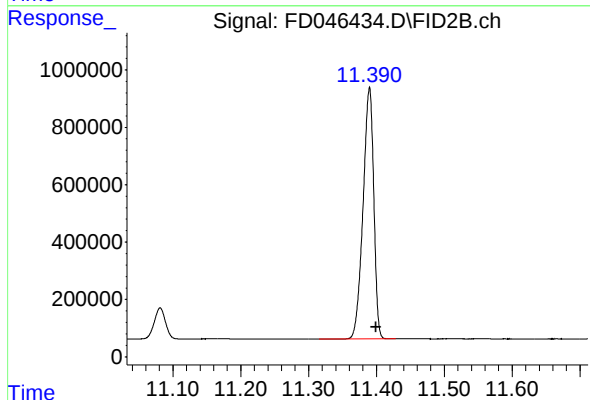
R.T.: 10.619 min
Delta R.T.: -0.011 min
Response: 9441863
Conc: 55.03 ug/ml

Instrument :
FID_D
ClientSampleId :



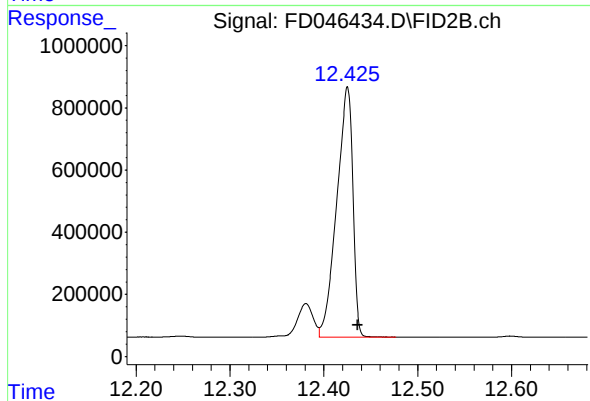
#10 Anthracene (C19.43)

R.T.: 10.696 min
Delta R.T.: -0.012 min
Response: 9340319
Conc: 55.37 ug/ml



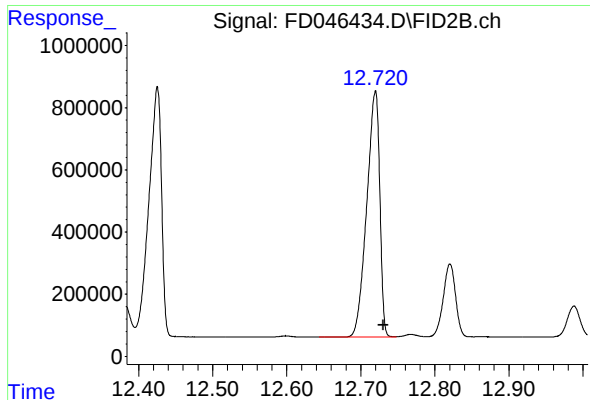
#11 ortho-Terphenyl (SURRE)

R.T.: 11.389 min
Delta R.T.: -0.010 min
Response: 9591963
Conc: 48.91 ug/ml



#12 Fluoranthene (C21.85)

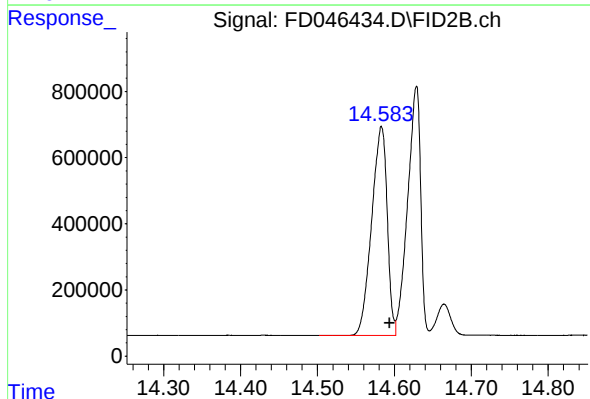
R.T.: 12.425 min
Delta R.T.: -0.011 min
Response: 9597292
Conc: 57.69 ug/ml



#13 Pyrene (C20.8)

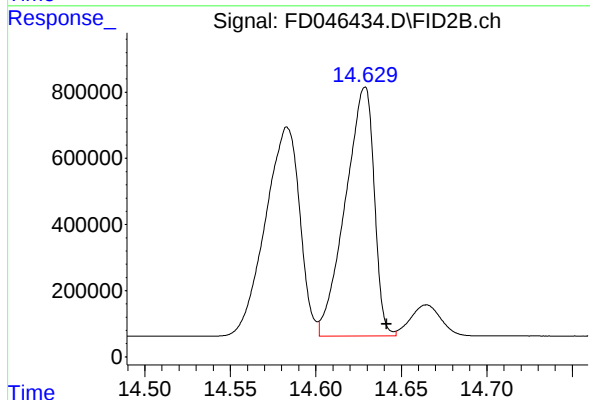
R.T.: 12.719 min
Delta R.T.: -0.011 min
Response: 9652621
Conc: 59.89 ug/ml

Instrument :
FID_D
ClientSampleId :



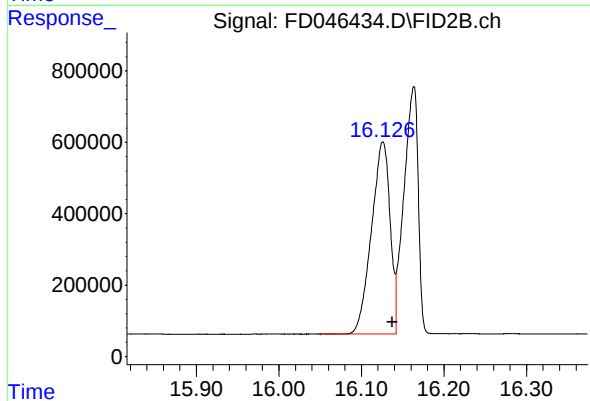
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.583 min
Delta R.T.: -0.011 min
Response: 8861051
Conc: 62.98 ug/ml



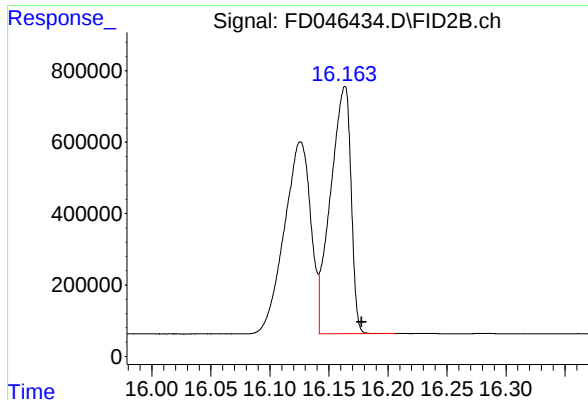
#15 Chrysene (C27.41)

R.T.: 14.628 min
Delta R.T.: -0.013 min
Response: 8833587
Conc: 59.55 ug/ml



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

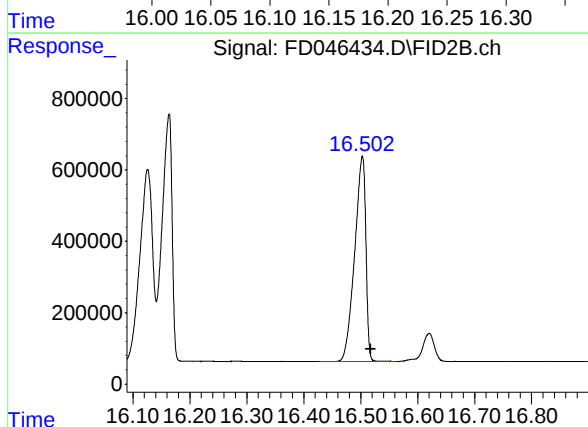
R.T.: 16.126 min
Delta R.T.: -0.012 min
Response: 8413600
Conc: 61.92 ug/ml



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

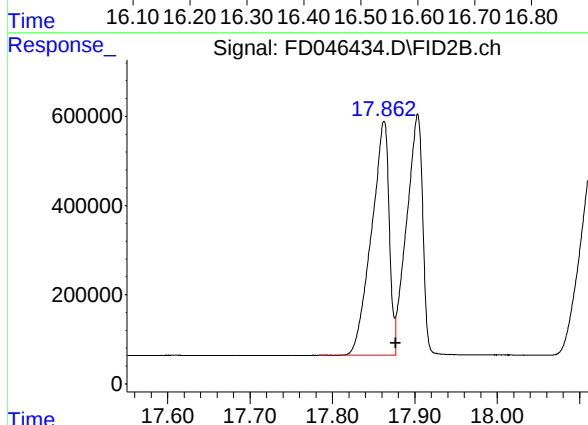
R.T.: 16.163 min
Delta R.T.: -0.015 min
Response: 8337662
Conc: 61.46 ug/ml

Instrument :
FID_D
ClientSampleId :



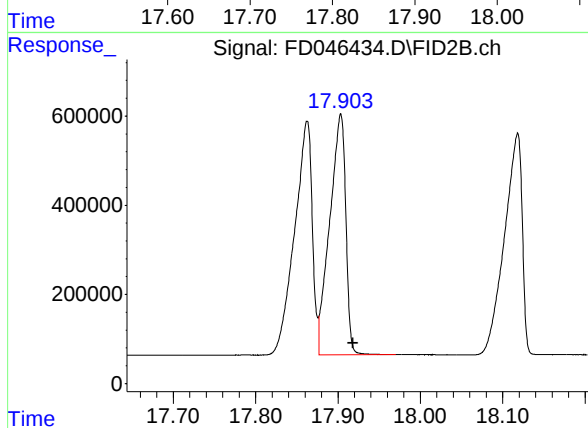
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.502 min
Delta R.T.: -0.015 min
Response: 7844058
Conc: 59.53 ug/ml



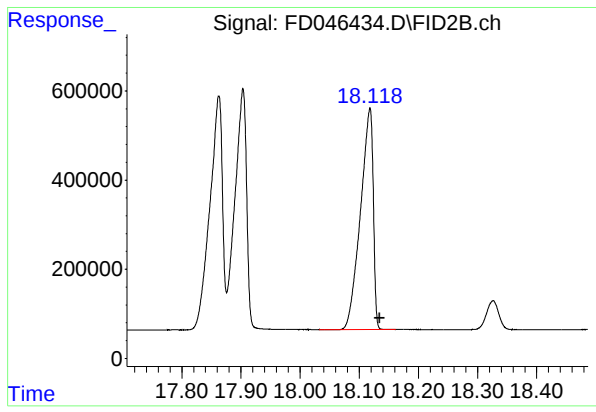
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.862 min
Delta R.T.: -0.015 min
Response: 7837838
Conc: 62.84 ug/ml



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

R.T.: 17.903 min
Delta R.T.: -0.016 min
Response: 7313282
Conc: 58.36 ug/ml



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

R.T.: 18.117 min
Delta R.T.: -0.017 min
Response: 7447065
Conc: 58.07 ug/ml

Instrument :

FID_D

ClientSampleId :