

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071823AR\
 Data File : FD046127.D
 Signal(s) : FID2B.ch
 Acq On : 18 Jul 2023 18:44
 Operator : YP/AJ
 Sample : 03637-01
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 A508

Integration File: autoint1.e
 Quant Time: Jul 19 04:56:58 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062423.M
 Quant Title : GC Extractables
 QLast Update : Sun Jun 25 04:38:13 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...	7.511	9408268	43.658 ug/ml
Spiked Amount 50.000		Recovery =	87.32%
6) S 2-Fluorobiphenyl (SURR)	8.365	6049058	43.706 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	87.41%
11) S ortho-Terphenyl (SURR)	11.403	7369371	29.068 ug/ml
Spiked Amount 50.000		Recovery =	58.14%
Target Compounds			
2) T Naphthalene (C11.7)	5.848	183857	0.721 ug/ml
3) T 2-Methylnaphthalene (...)	6.896	128751	0.511 ug/ml
7) T Acenaphthene (C15.5)	8.460	90469	0.384 ug/ml
9) T Phenanthrene (C19.36)	10.627	239201	1.121 ug/ml
14) T Benzo[a]anthracene (C...	14.631	103069	0.573 ug/ml
15) T Chrysene (C27.41)	14.631	103069	0.525 ug/ml
16) T benzo[b]fluoranthene ...	16.156	164706	0.878 ug/ml
17) T Bnezo[k]fluoranthene ...	16.156	164706	0.833 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.900	384378	2.065 ug/ml
20) T Dibenz[a,h]anthracene...	17.900	384378	2.091 ug/ml
21) T Benzo[g,h,i]perylene ...	18.106	192931	1.033 ug/ml

(f)=RT Delta > 1/2 Window

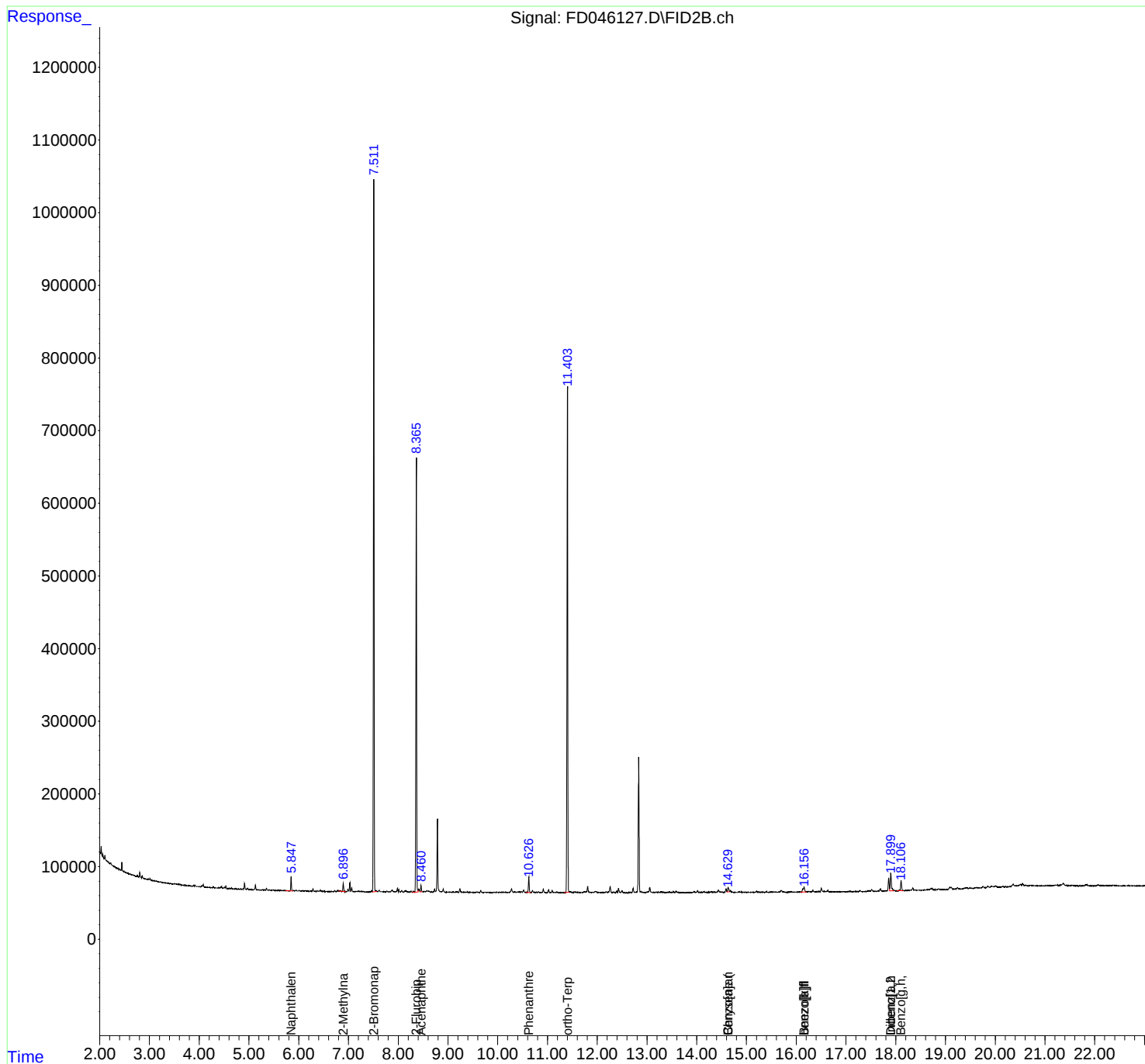
(m)=manual int.

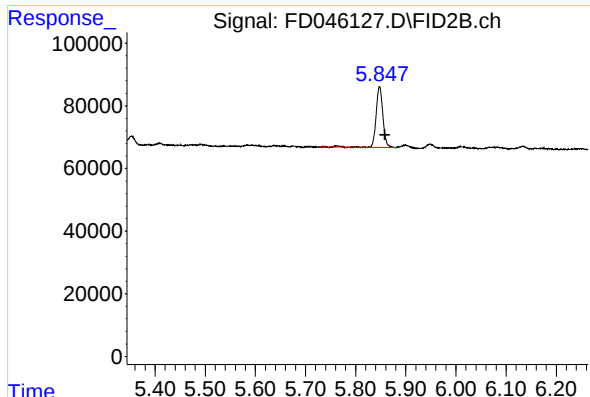
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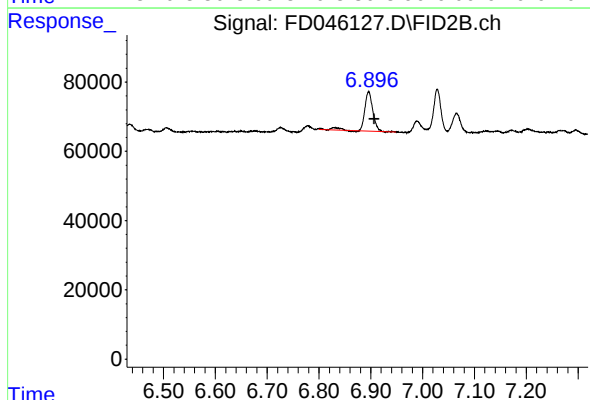




#2 Naphthalene (C11.7)

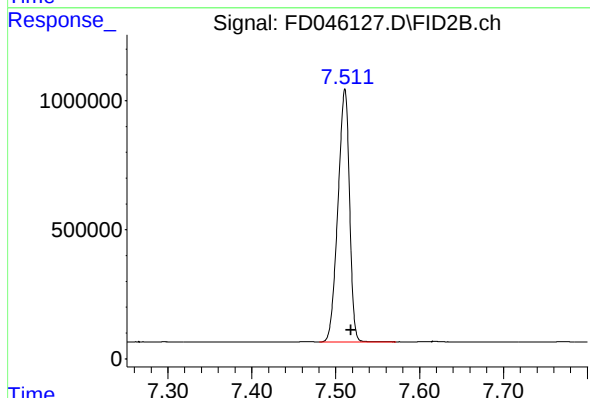
R.T.: 5.848 min
Delta R.T.: -0.011 min
Response: 183857
Conc: 0.72 ug/ml

Instrument :
FID_D
ClientSampleId :
A508



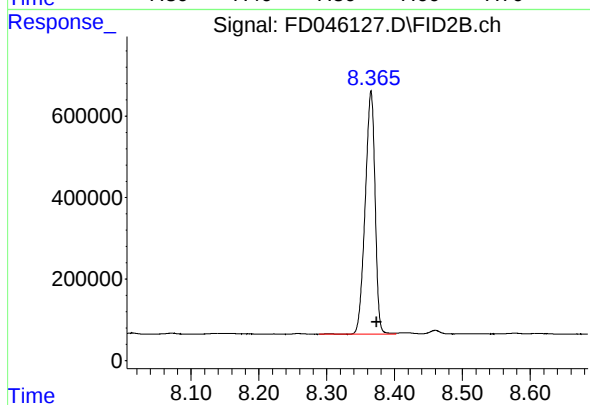
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.896 min
Delta R.T.: -0.011 min
Response: 128751
Conc: 0.51 ug/ml



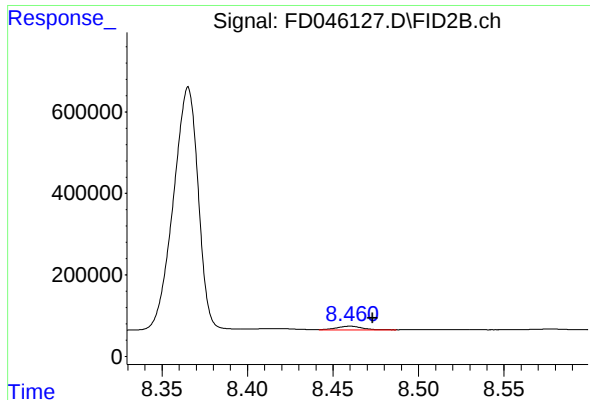
#4 2-Bromonaphthalene (SURR)

R.T.: 7.511 min
Delta R.T.: -0.008 min
Response: 9408268
Conc: 43.66 ug/ml



#6 2-Fluorobiphenyl (SURR)

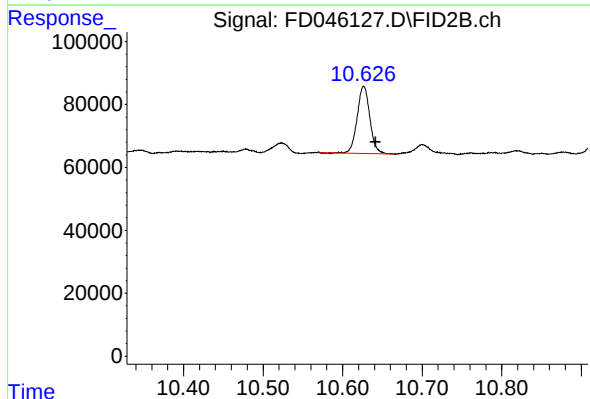
R.T.: 8.365 min
Delta R.T.: -0.008 min
Response: 6049058
Conc: 43.71 ug/ml



#7 Acenaphthene (C15.5)

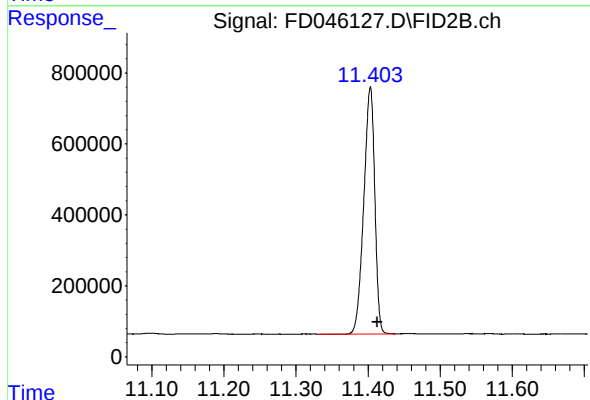
R.T.: 8.460 min
Delta R.T.: -0.013 min
Response: 90469
Conc: 0.38 ug/ml

Instrument :
FID_D
ClientSampleId :
A508



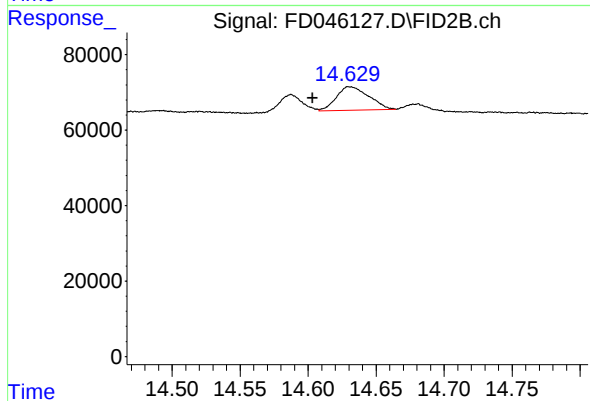
#9 Phenanthrene (C19.36)

R.T.: 10.627 min
Delta R.T.: -0.015 min
Response: 239201
Conc: 1.12 ug/ml



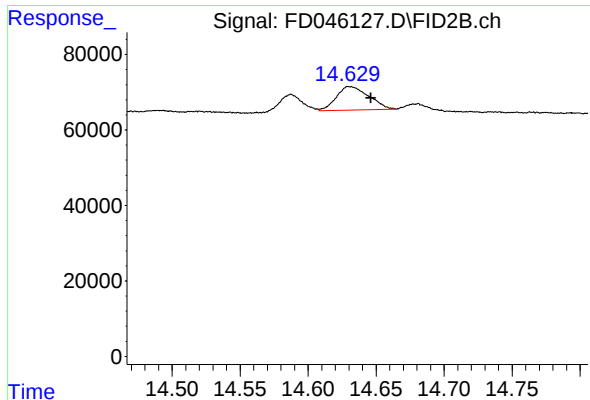
#11 ortho-Terphenyl (SURR)

R.T.: 11.403 min
Delta R.T.: -0.010 min
Response: 7369371
Conc: 29.07 ug/ml



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

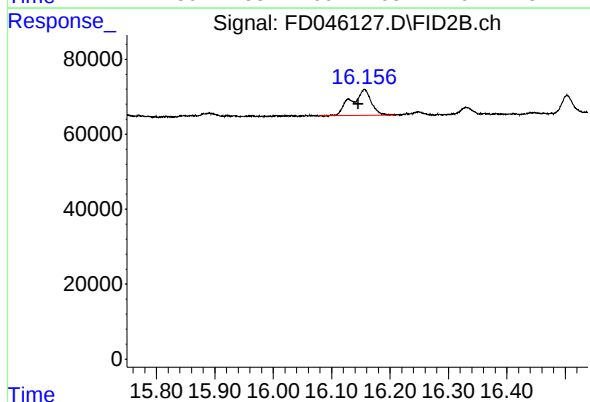
R.T.: 14.631 min
Delta R.T.: 0.028 min
Response: 103069
Conc: 0.57 ug/ml



#15 Chrysene (C27.41)

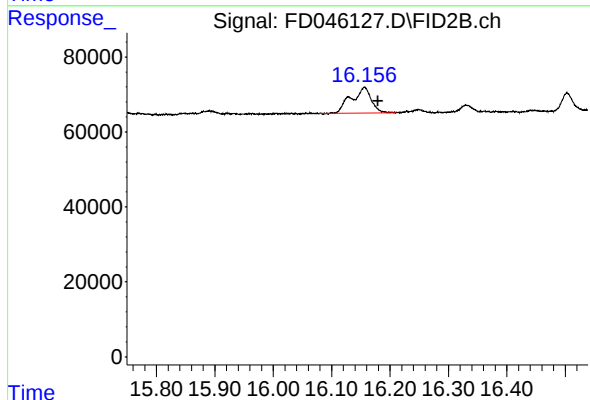
R.T.: 14.631 min
Delta R.T.: -0.015 min
Response: 103069
Conc: 0.53 ug/ml

Instrument :
FID_D
ClientSampleId :
A508



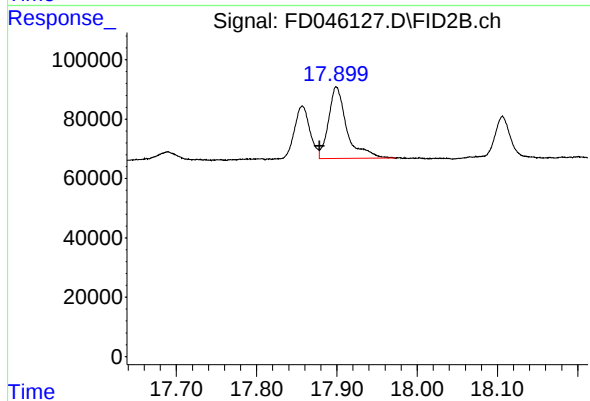
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.156 min
Delta R.T.: 0.011 min
Response: 164706
Conc: 0.88 ug/ml



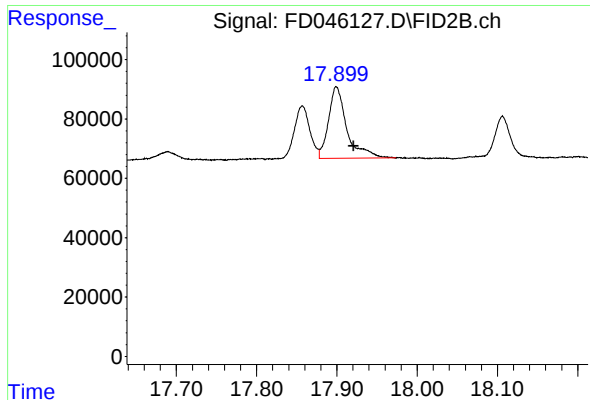
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.156 min
Delta R.T.: -0.023 min
Response: 164706
Conc: 0.83 ug/ml



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

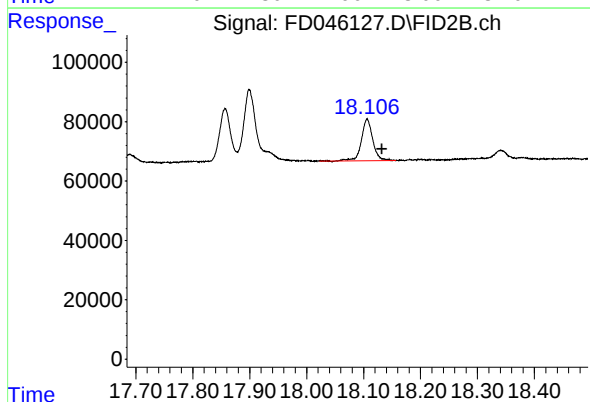
R.T.: 17.900 min
Delta R.T.: 0.021 min
Response: 384378
Conc: 2.07 ug/ml



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

R.T.: 17.900 min
Delta R.T.: -0.021 min
Response: 384378
Conc: 2.09 ug/ml

Instrument :
FID_D
ClientSampleId :
A508



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

R.T.: 18.106 min
Delta R.T.: -0.026 min
Response: 192931
Conc: 1.03 ug/ml