

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102224AR\
 Data File : FD048561.D
 Signal(s) : FID2B.ch
 Acq On : 23 Oct 2024 10:19
 Operator : YP/AJ
 Sample : P4473-01
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 23 11:15:45 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 093024.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 30 14:17:34 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...	7.375	9062590	54.736 ug/ml
Spiked Amount 50.000		Recovery =	109.47%
6) S 2-Fluorobiphenyl (SURR)	8.225	6015241	58.004 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	116.01%
11) S ortho-Terphenyl (SURR)	11.258	3895985	21.174 ug/ml
Spiked Amount 50.000		Recovery =	42.35%
Target Compounds			
3) T 2-Methylnaphthalene (...)	6.774	51444	0.272 ug/ml
7) T Acenaphthene (C15.5)	8.300	91237	0.482 ug/ml
12) T Fluoranthene (C21.85)	12.309	68829	0.381 ug/ml
13) T Pyrene (C20.8)	12.624	130423	0.728 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.414	81999	0.502 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.745	566235	4.305 ug/ml
20) T Dibenz[a,h]anthracene...	17.813	257285	1.538 ug/ml
21) T Benzo[g,h,i]perylene ...	18.024	87611	0.539 ug/ml

(f)=RT Delta > 1/2 Window

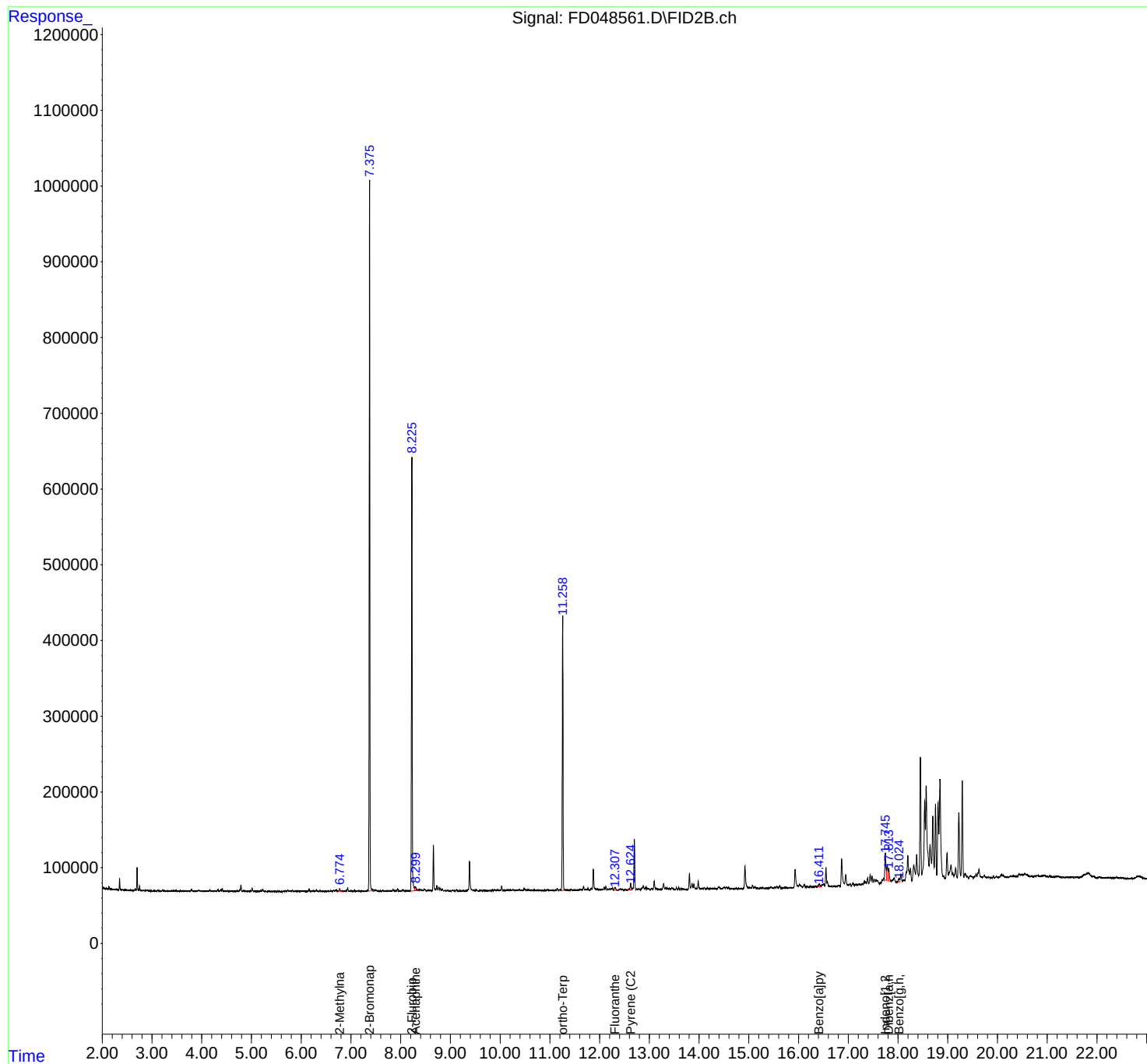
(m)=manual int.

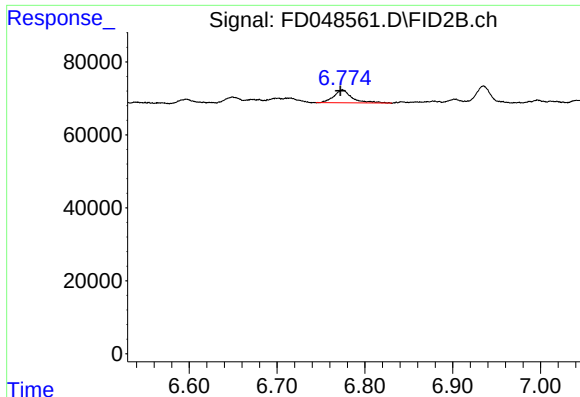
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Signal Info : 20M x 0.18mm x 0.18µm

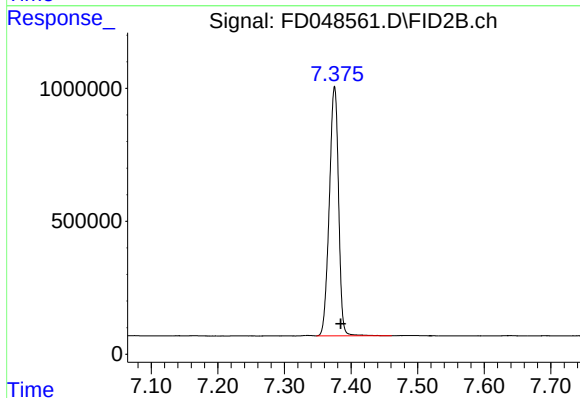




#3 2-Methylnaphthalene (C12.89)

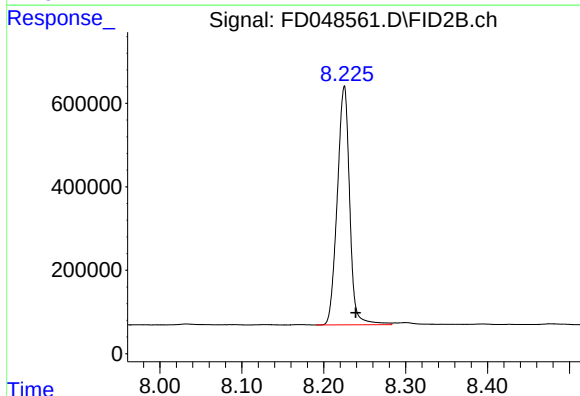
R.T.: 6.774 min
Delta R.T.: 0.002 min
Response: 51444
Conc: 0.27 ug/ml

Instrument :
FID_D
ClientSampleId :



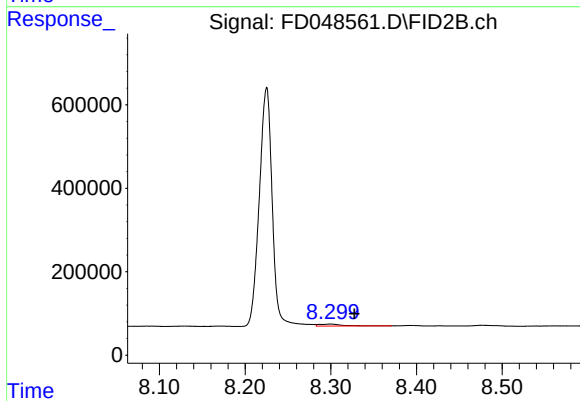
#4 2-Bromonaphthalene (SURR)

R.T.: 7.375 min
Delta R.T.: -0.009 min
Response: 9062590
Conc: 54.74 ug/ml



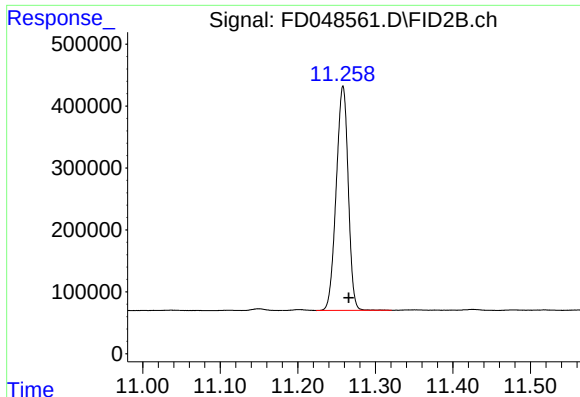
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.225 min
Delta R.T.: -0.014 min
Response: 6015241
Conc: 58.00 ug/ml



#7 Acenaphthene (C15.5)

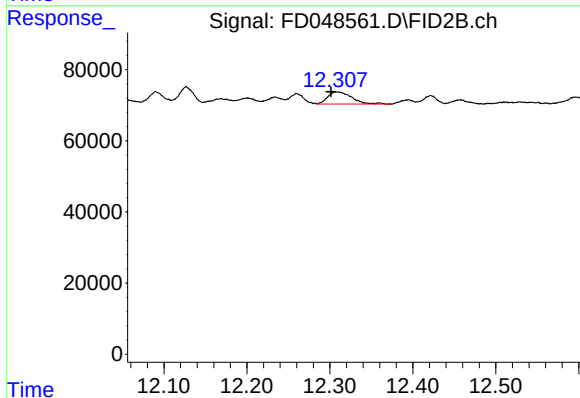
R.T.: 8.300 min
Delta R.T.: -0.028 min
Response: 91237
Conc: 0.48 ug/ml



#11 ortho-Terphenyl (SURR)

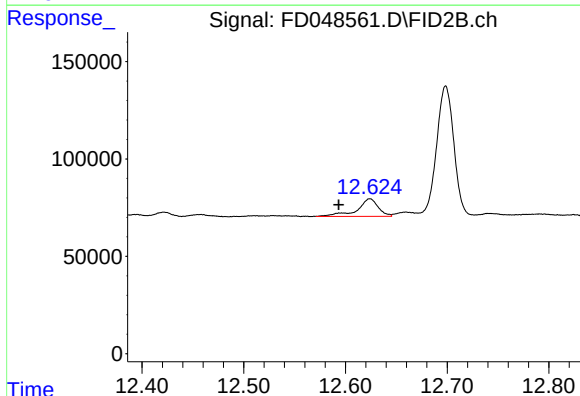
R.T.: 11.258 min
Delta R.T.: -0.008 min
Response: 3895985
Conc: 21.17 ug/ml

Instrument :
FID_D
ClientSampleId :



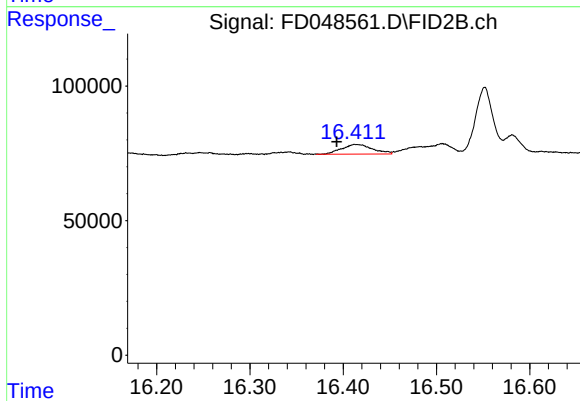
#12 Fluoranthene (C21.85)

R.T.: 12.309 min
Delta R.T.: 0.008 min
Response: 68829
Conc: 0.38 ug/ml



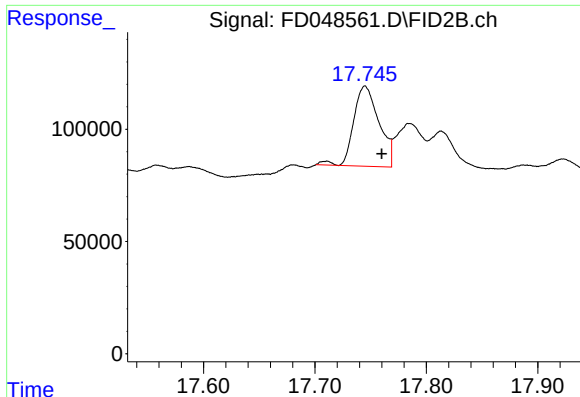
#13 Pyrene (C20.8)

R.T.: 12.624 min
Delta R.T.: 0.031 min
Response: 130423
Conc: 0.73 ug/ml



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

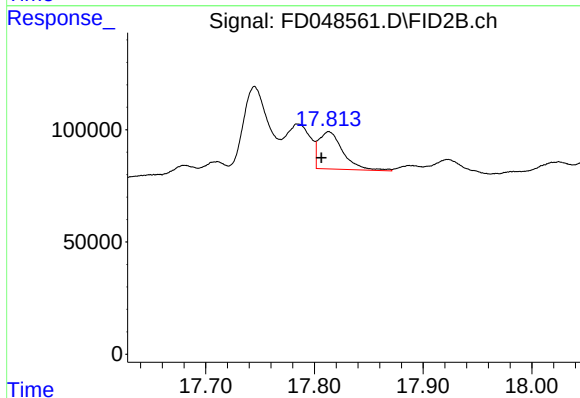
R.T.: 16.414 min
Delta R.T.: 0.021 min
Response: 81999
Conc: 0.50 ug/ml



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

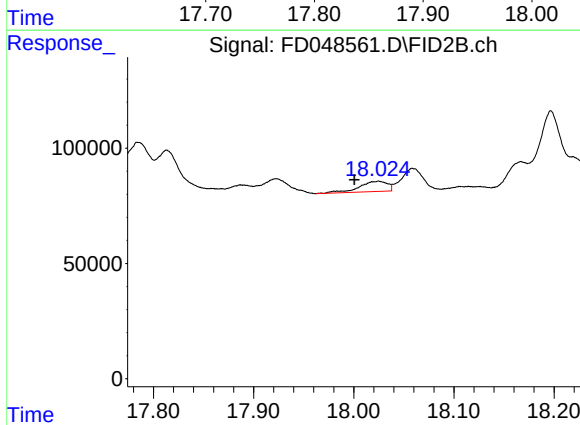
R.T.: 17.745 min
Delta R.T.: -0.015 min
Response: 566235
Conc: 4.30 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.813 min
Delta R.T.: 0.007 min
Response: 257285
Conc: 1.54 ug/ml



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

R.T.: 18.024 min
Delta R.T.: 0.023 min
Response: 87611
Conc: 0.54 ug/ml