

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102824AR\
 Data File : FD048598.D
 Signal(s) : FID2B.ch
 Acq On : 28 Oct 2024 10:32
 Operator : YP/AJ
 Sample : P4495-16
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 29 00:21:52 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102324.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 23 18:14:59 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	12443873	81.987 ug/ml
Spiked Amount 50.000		Recovery =	163.97%
6) S 2-Fluorobiphenyl (SURR)	8.227	9782313	99.624 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	199.25%#
11) S ortho-Terphenyl (SURR)	11.262	14272154	83.786 ug/ml
Spiked Amount 50.000		Recovery =	167.57%
Target Compounds			
2) T Naphthalene (C11.7)	5.714	674935	3.783 ug/ml
3) T 2-Methylnaphthalene (...)	6.765	7662212	42.838 ug/ml
5) T Acenaphthylene (C15.06)	8.031	3692124	21.027 ug/ml
7) T Acenaphthene (C15.5)	8.315	4801992	27.074 ug/ml
8) T Fluorene (C16.55)	9.094	1971297	11.662 ug/ml
9) T Phenanthrene (C19.36)	10.485	3068106	18.560 ug/ml
10) T Anthracene (C19.43)	10.582	5350120	33.457 ug/ml
12) T Fluoranthene (C21.85)	12.292	1487585	9.039 ug/ml
13) T Pyrene (C20.8)	12.583	1918715	11.912 ug/ml
15) T Chrysene (C27.41)	14.546	489529	2.976 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.737	865322	6.632 ug/ml
20) T Dibenz[a,h]anthracene...	17.808	181324	1.114 ug/ml

(f)=RT Delta > 1/2 Window

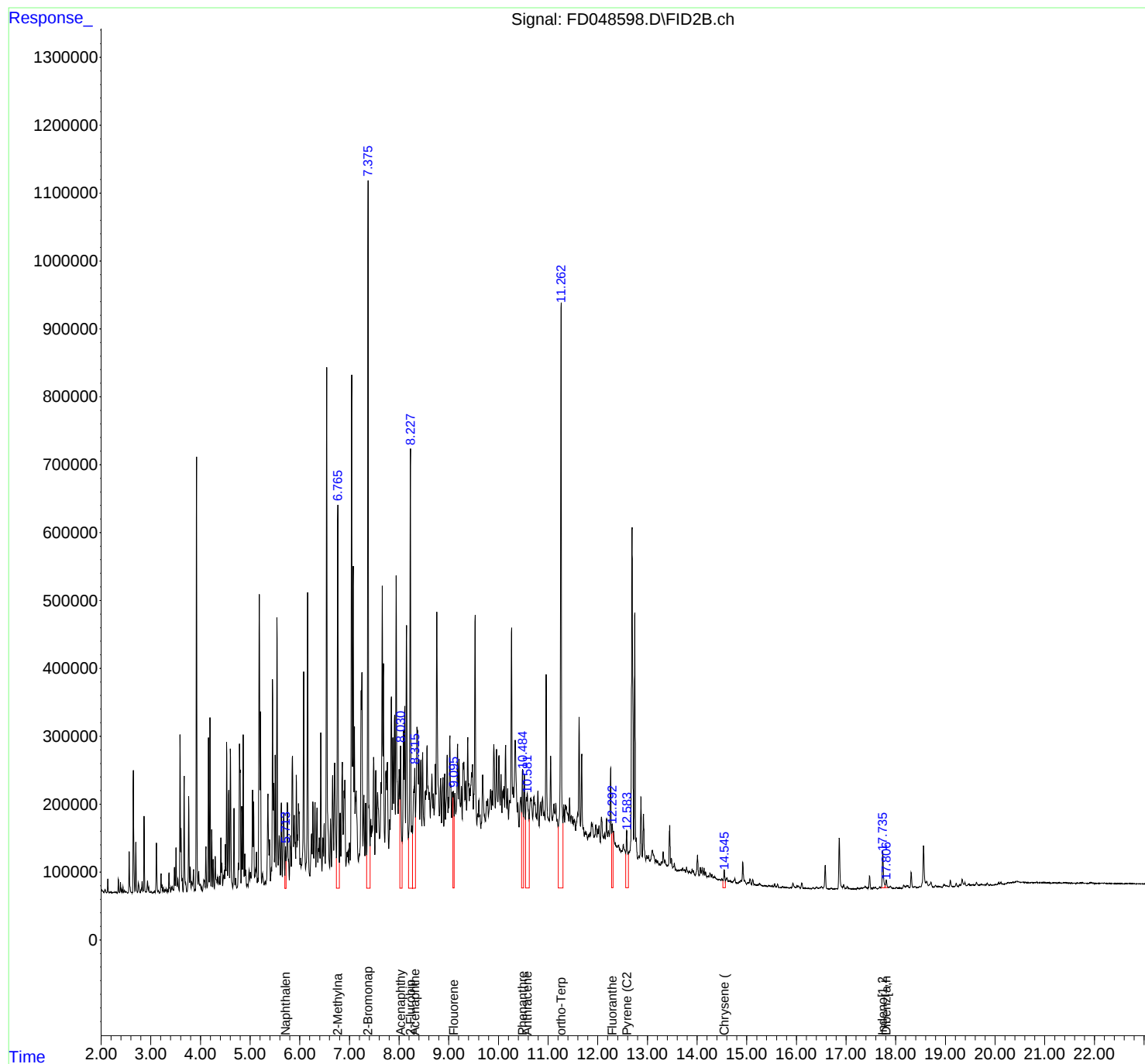
(m)=manual int.

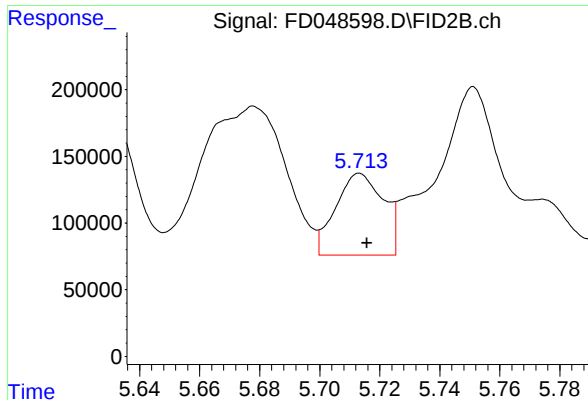
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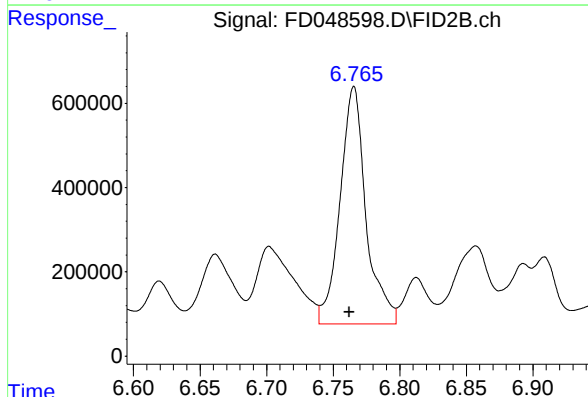




#2 Naphthalene (C11.7)

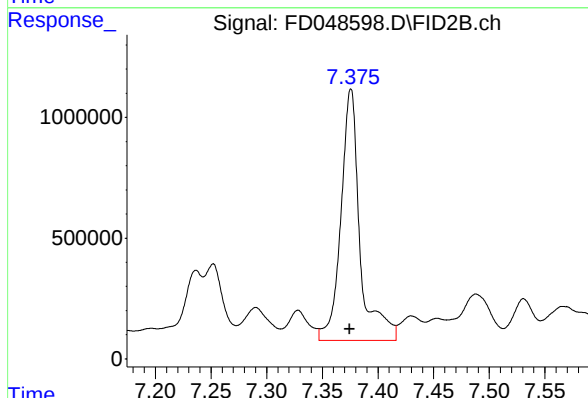
R.T.: 5.714 min
Delta R.T.: -0.002 min
Response: 674935
Conc: 3.78 ug/ml

Instrument :
FID_D
ClientSampleId :



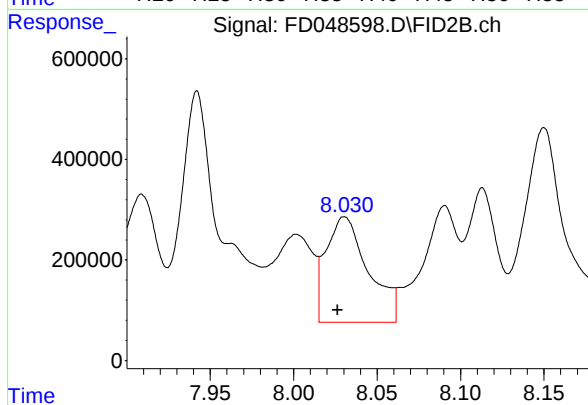
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.765 min
Delta R.T.: 0.003 min
Response: 7662212
Conc: 42.84 ug/ml



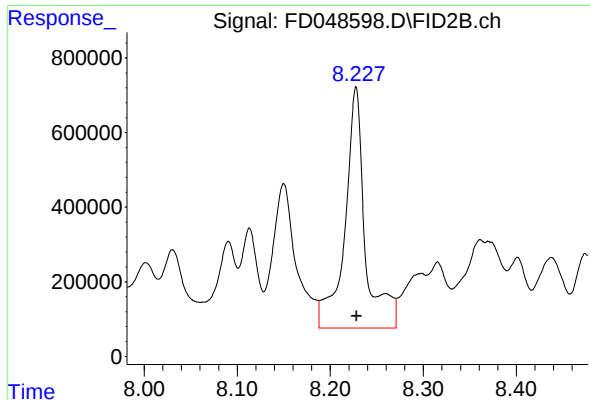
#4 2-Bromonaphthalene (SURR)

R.T.: 7.375 min
Delta R.T.: 0.000 min
Response: 12443873
Conc: 81.99 ug/ml



#5 Acenaphthylene (C15.06)

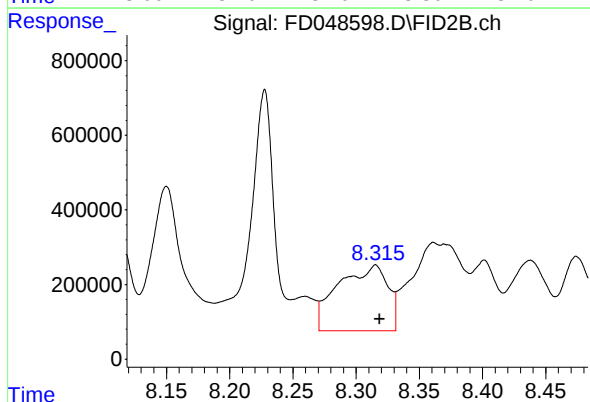
R.T.: 8.031 min
Delta R.T.: 0.004 min
Response: 3692124
Conc: 21.03 ug/ml



#6 2-Fluorobiphenyl (SURR)

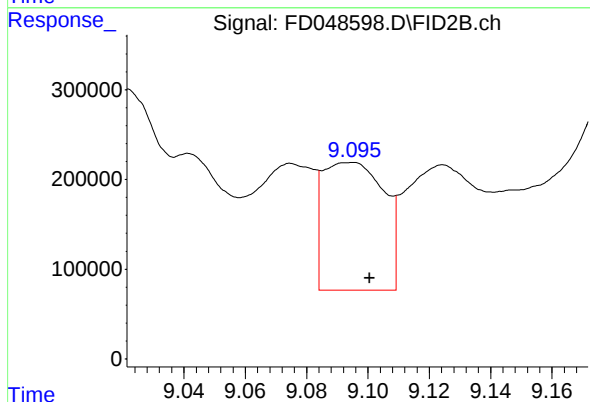
R.T.: 8.227 min
Delta R.T.: 0.000 min
Response: 9782313
Conc: 99.62 ug/ml

Instrument :
FID_D
ClientSampleId :



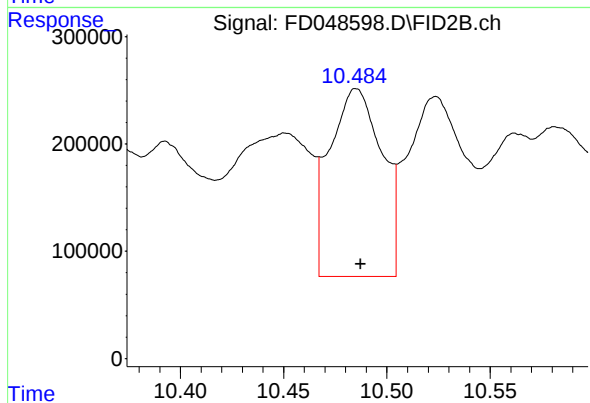
#7 Acenaphthene (C15.5)

R.T.: 8.315 min
Delta R.T.: -0.004 min
Response: 4801992
Conc: 27.07 ug/ml



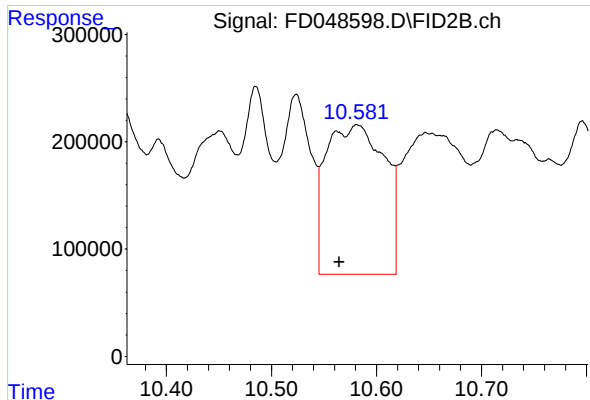
#8 Flouorene (C16.55)

R.T.: 9.094 min
Delta R.T.: -0.007 min
Response: 1971297
Conc: 11.66 ug/ml



#9 Phenanthrene (C19.36)

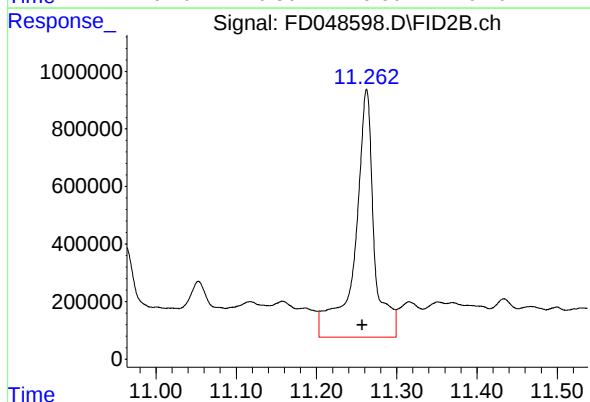
R.T.: 10.485 min
Delta R.T.: -0.002 min
Response: 3068106
Conc: 18.56 ug/ml



#10 Anthracene (C19.43)

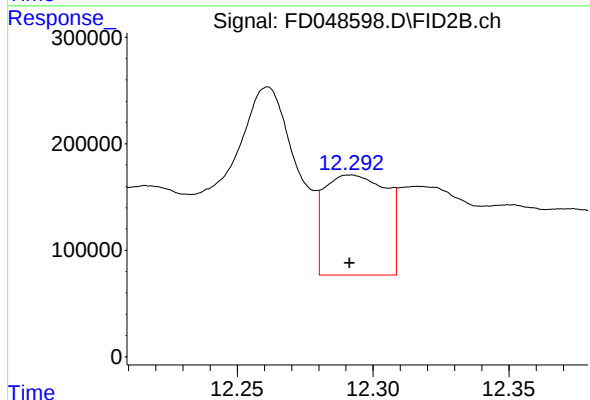
R.T.: 10.582 min
Delta R.T.: 0.017 min
Response: 5350120
Conc: 33.46 ug/ml

Instrument :
FID_D
ClientSampleId :



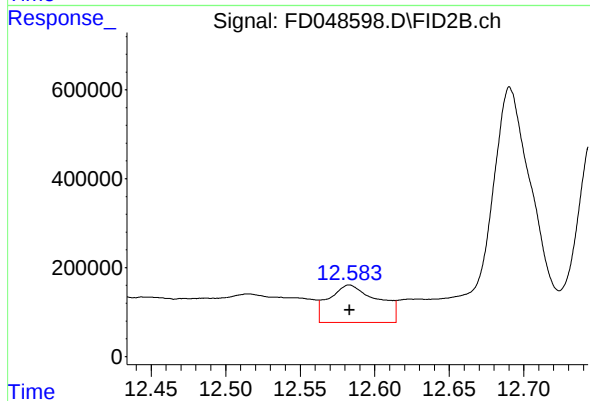
#11 ortho-Terphenyl (SURR)

R.T.: 11.262 min
Delta R.T.: 0.005 min
Response: 14272154
Conc: 83.79 ug/ml



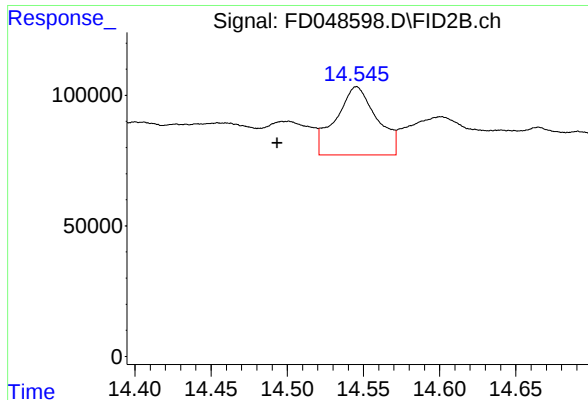
#12 Fluoranthene (C21.85)

R.T.: 12.292 min
Delta R.T.: 0.000 min
Response: 1487585
Conc: 9.04 ug/ml



#13 Pyrene (C20.8)

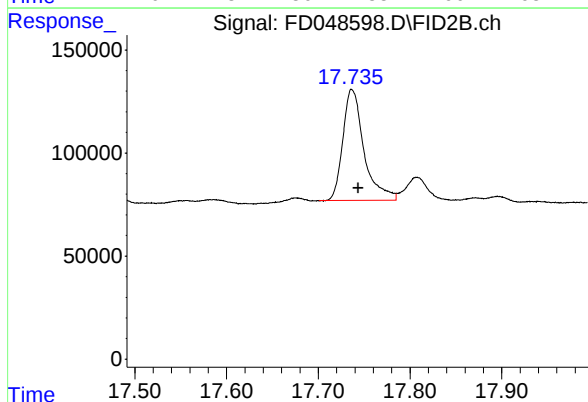
R.T.: 12.583 min
Delta R.T.: 0.000 min
Response: 1918715
Conc: 11.91 ug/ml



#15 Chrysene (C27.41)

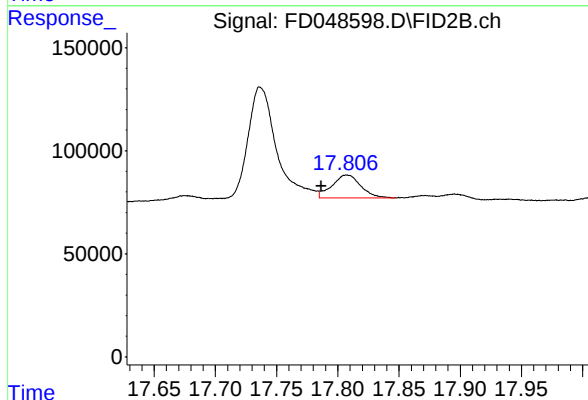
R.T.: 14.546 min
Delta R.T.: 0.052 min
Response: 489529
Conc: 2.98 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.737 min
Delta R.T.: -0.007 min
Response: 865322
Conc: 6.63 ug/ml



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

R.T.: 17.808 min
Delta R.T.: 0.021 min
Response: 181324
Conc: 1.11 ug/ml