

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041924AR\
 Data File : FD047551.D
 Signal(s) : FID2B.ch
 Acq On : 19 Apr 2024 08:20
 Operator : YP/AJ
 Sample : P2124-01DL 10X
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 20 02:51:09 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 040224.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 01 16:48:10 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...	7.459	667378	4.464 ug/ml
Spiked Amount 50.000		Recovery =	8.93%
6) S 2-Fluorobiphenyl (SURR)	8.313	400443	4.098 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	8.20%
11) S ortho-Terphenyl (SURR)	11.349	594070	3.465 ug/ml
Spiked Amount 50.000		Recovery =	6.93%
Target Compounds			
3) T 2-Methylnaphthalene (...)	6.848	563325	3.425 ug/ml
5) T Acenaphthylene (C15.06)	8.098	1200529	7.954 ug/ml
7) T Acenaphthene (C15.5)	8.411	3696613	23.080 ug/ml
8) T Flouorene (C16.55)	9.190	4043709	26.139 ug/ml
9) T Phenanthrene (C19.36)	10.583	7494402	50.372 ug/ml
10) T Anthracene (C19.43)	10.652	2422727	17.813 ug/ml
12) T Fluoranthene (C21.85)	12.383	3214745	21.746 ug/ml
13) T Pyrene (C20.8)	12.676	1977537	13.702 ug/ml
14) T Benzo[a]anthracene (C...	14.544	395899	3.010 ug/ml
15) T Chrysene (C27.41)	14.583	422005	2.993 ug/ml
16) T benzo[b]fluoranthene ...	16.093	285677	2.048 ug/ml
17) T Bnezo[k]fluoranthene ...	16.093	285677	2.054 ug/ml

(f)=RT Delta > 1/2 Window

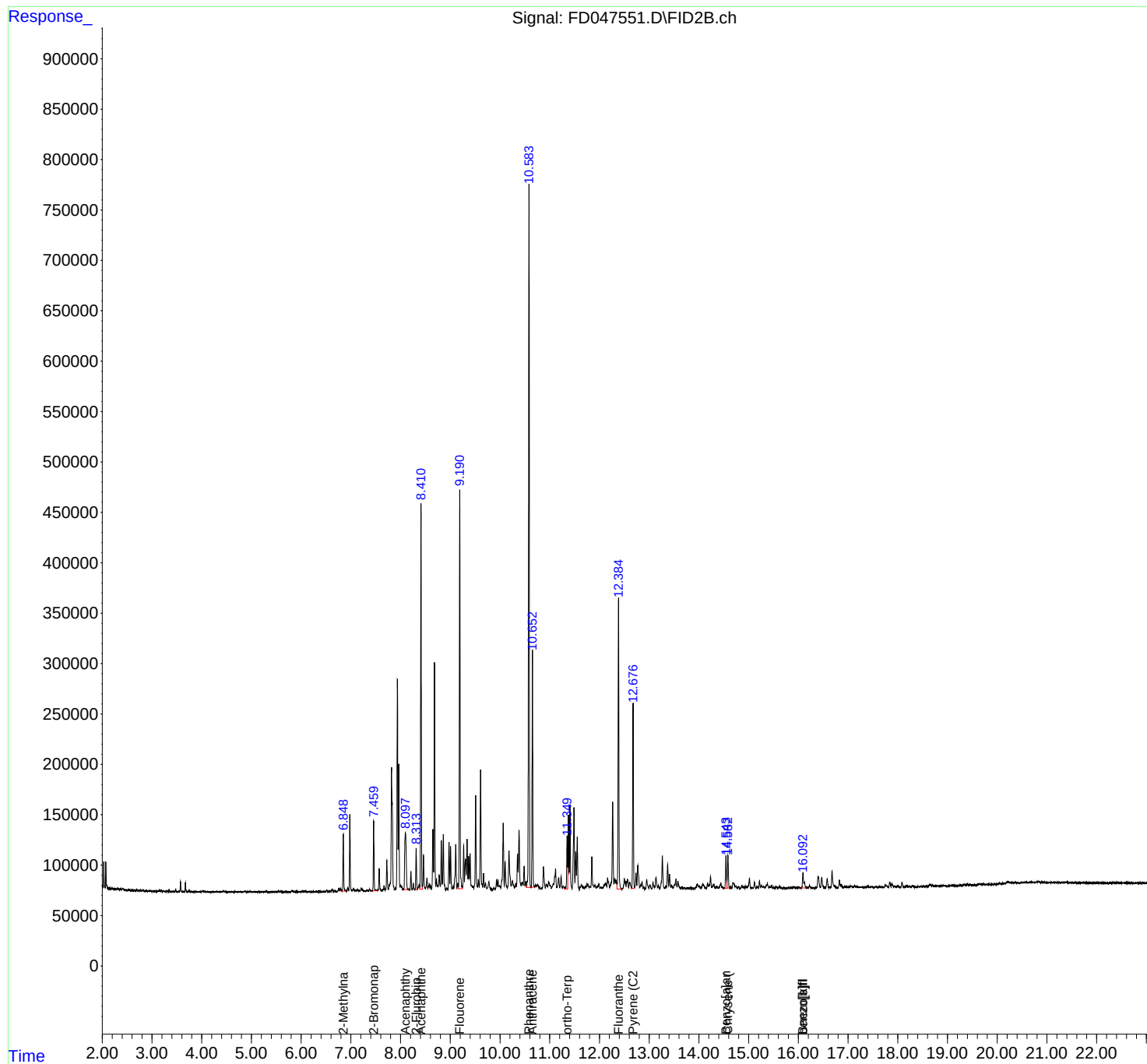
(m)=manual int.

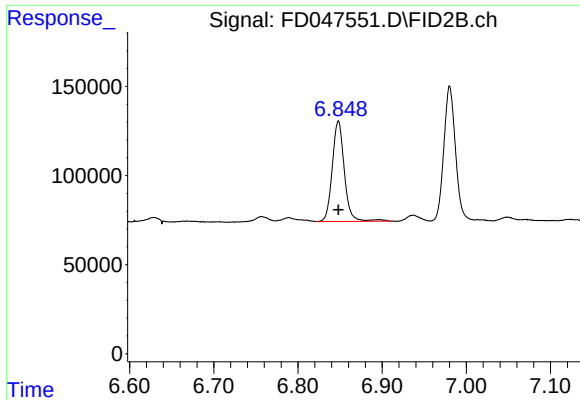
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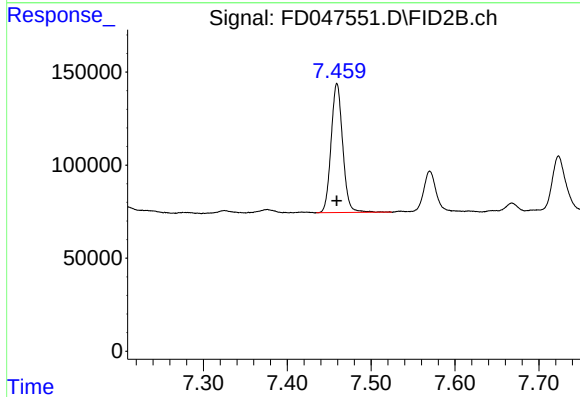




#3 2-Methylnaphthalene (C12.89)

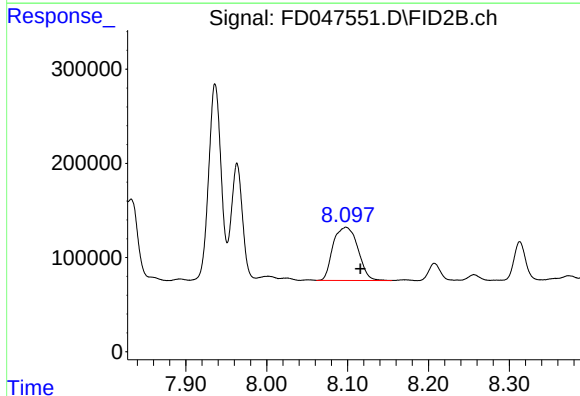
R.T.: 6.848 min
Delta R.T.: 0.000 min
Response: 563325
Conc: 3.42 ug/ml

Instrument :
FID_D
ClientSampleId :



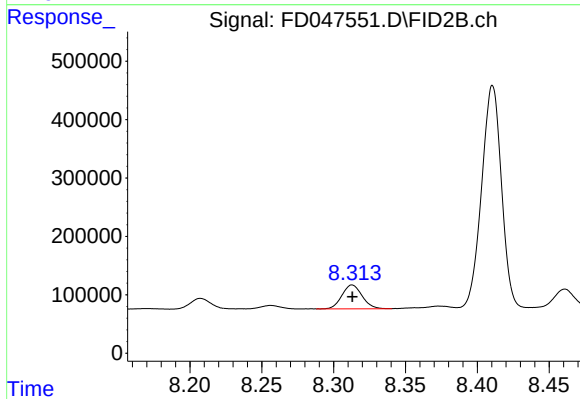
#4 2-Bromonaphthalene (SURR)

R.T.: 7.459 min
Delta R.T.: 0.000 min
Response: 667378
Conc: 4.46 ug/ml



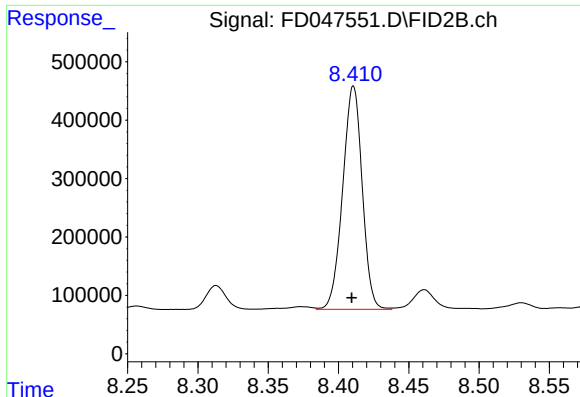
#5 Acenaphthylene (C15.06)

R.T.: 8.098 min
Delta R.T.: -0.018 min
Response: 1200529
Conc: 7.95 ug/ml



#6 2-Fluorobiphenyl (SURR)

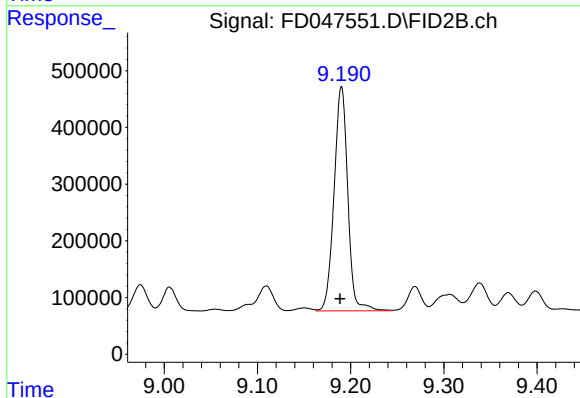
R.T.: 8.313 min
Delta R.T.: 0.000 min
Response: 400443
Conc: 4.10 ug/ml



#7 Acenaphthene (C15.5)

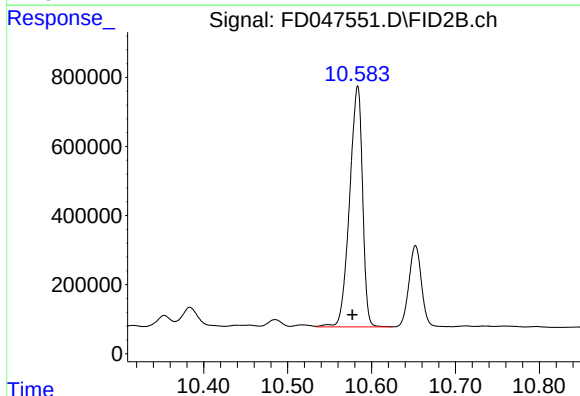
R.T.: 8.411 min
Delta R.T.: 0.001 min
Response: 3696613
Conc: 23.08 ug/ml

Instrument :
FID_D
ClientSampleId :



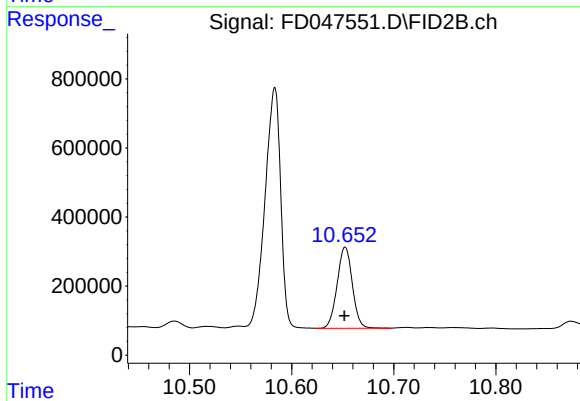
#8 Flouorene (C16.55)

R.T.: 9.190 min
Delta R.T.: 0.001 min
Response: 4043709
Conc: 26.14 ug/ml



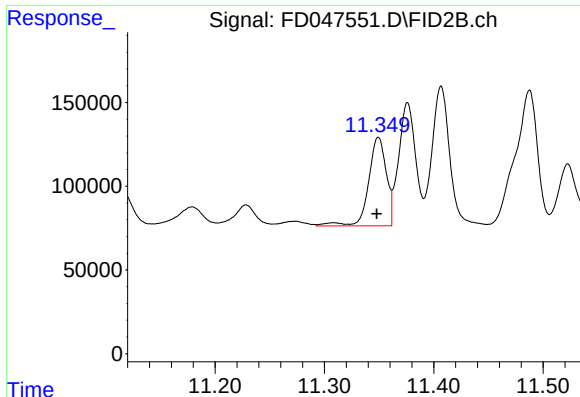
#9 Phenanthrene (C19.36)

R.T.: 10.583 min
Delta R.T.: 0.006 min
Response: 7494402
Conc: 50.37 ug/ml



#10 Anthracene (C19.43)

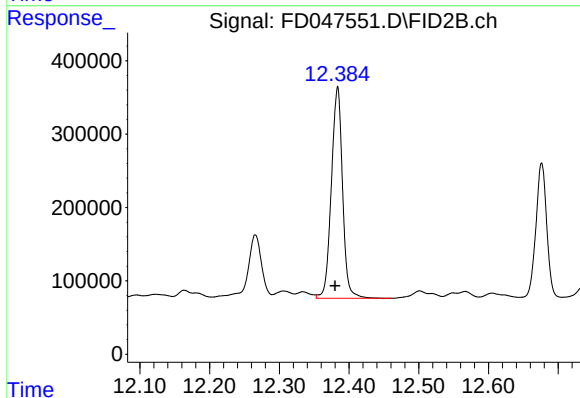
R.T.: 10.652 min
Delta R.T.: 0.000 min
Response: 2422727
Conc: 17.81 ug/ml



#11 ortho-Terphenyl (SURR)

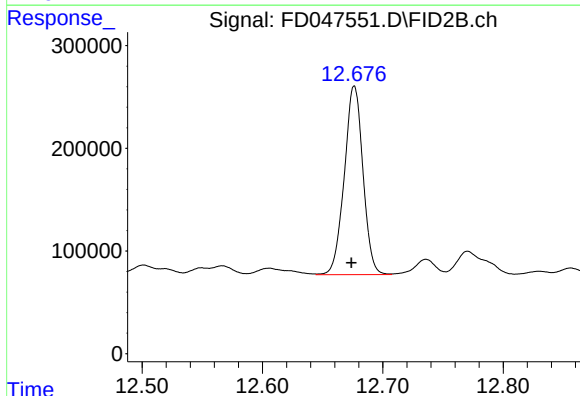
R.T.: 11.349 min
Delta R.T.: 0.002 min
Response: 594070
Conc: 3.47 ug/ml

Instrument :
FID_D
ClientSampleId :



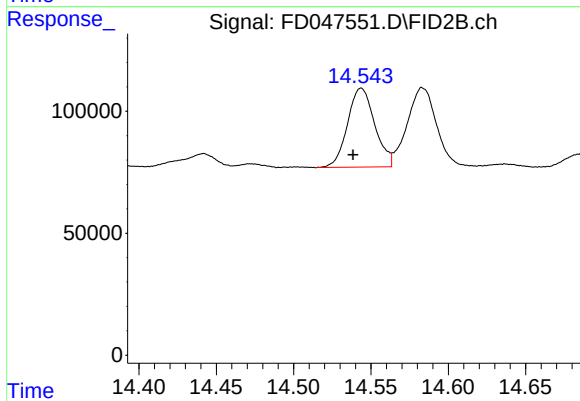
#12 Fluoranthene (C21.85)

R.T.: 12.383 min
Delta R.T.: 0.004 min
Response: 3214745
Conc: 21.75 ug/ml



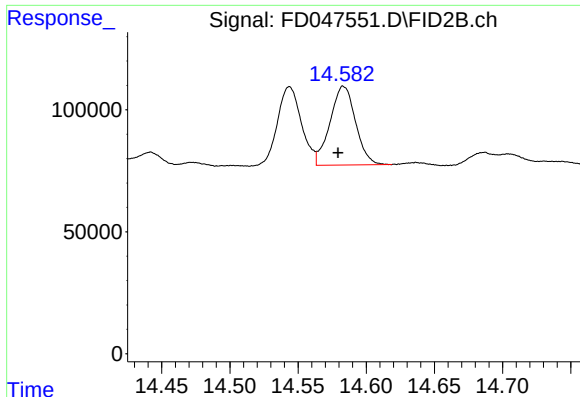
#13 Pyrene (C20.8)

R.T.: 12.676 min
Delta R.T.: 0.003 min
Response: 1977537
Conc: 13.70 ug/ml



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

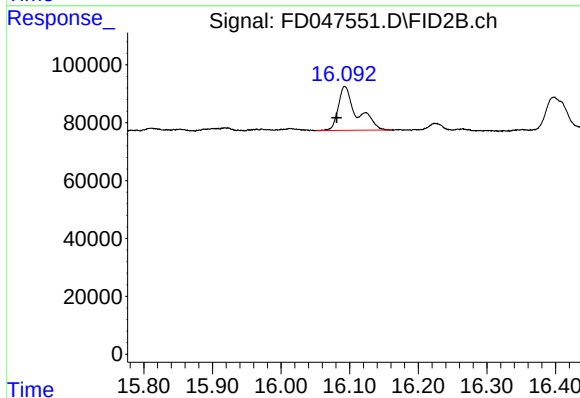
R.T.: 14.544 min
Delta R.T.: 0.005 min
Response: 395899
Conc: 3.01 ug/ml



#15 Chrysene (C27.41)

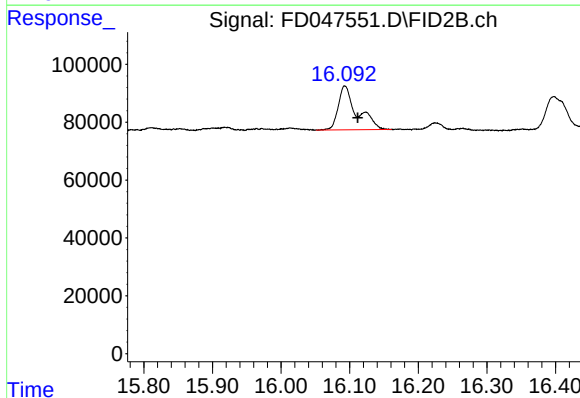
R.T.: 14.583 min
Delta R.T.: 0.004 min
Response: 422005
Conc: 2.99 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 16.093 min
Delta R.T.: 0.012 min
Response: 285677
Conc: 2.05 ug/ml



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

R.T.: 16.093 min
Delta R.T.: -0.019 min
Response: 285677
Conc: 2.05 ug/ml