

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112223AR\
 Data File : FD046954.D
 Signal(s) : FID2B.ch
 Acq On : 22 Nov 2023 19:08
 Operator : YP/AJ
 Sample : 05451-05
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 22 22:48:04 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102723.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 02:49:53 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...	7.478	7217732	39.576 ug/ml
Spiked Amount 50.000		Recovery =	79.15%
6) S 2-Fluorobiphenyl (SURR)	8.331	4607669	39.153 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	78.31%
11) S ortho-Terphenyl (SURR)	11.370	6692570	31.605 ug/ml
Spiked Amount 50.000		Recovery =	63.21%
Target Compounds			
3) T 2-Methylnaphthalene (...)	6.875	36274	0.180 ug/ml
9) T Phenanthrene (C19.36)	10.602	46185	0.260 ug/ml
12) T Fluoranthene (C21.85)	12.406	74801	0.433 ug/ml
13) T Pyrene (C20.8)	12.698	47062	0.283 ug/ml
14) T Benzo[a]anthracene (C...	14.608	50047	0.356 ug/ml
15) T Chrysene (C27.41)	14.608	50047	0.321 ug/ml
16) T benzo[b]fluoranthene ...	16.108	58974	0.412 ug/ml
17) T Bnezo[k]fluoranthene ...	16.140	46572	0.318 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.489	72753	0.519 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.836	254942	2.018 ug/ml
20) T Dibenz[a,h]anthracene...	17.885	234078	1.676 ug/ml

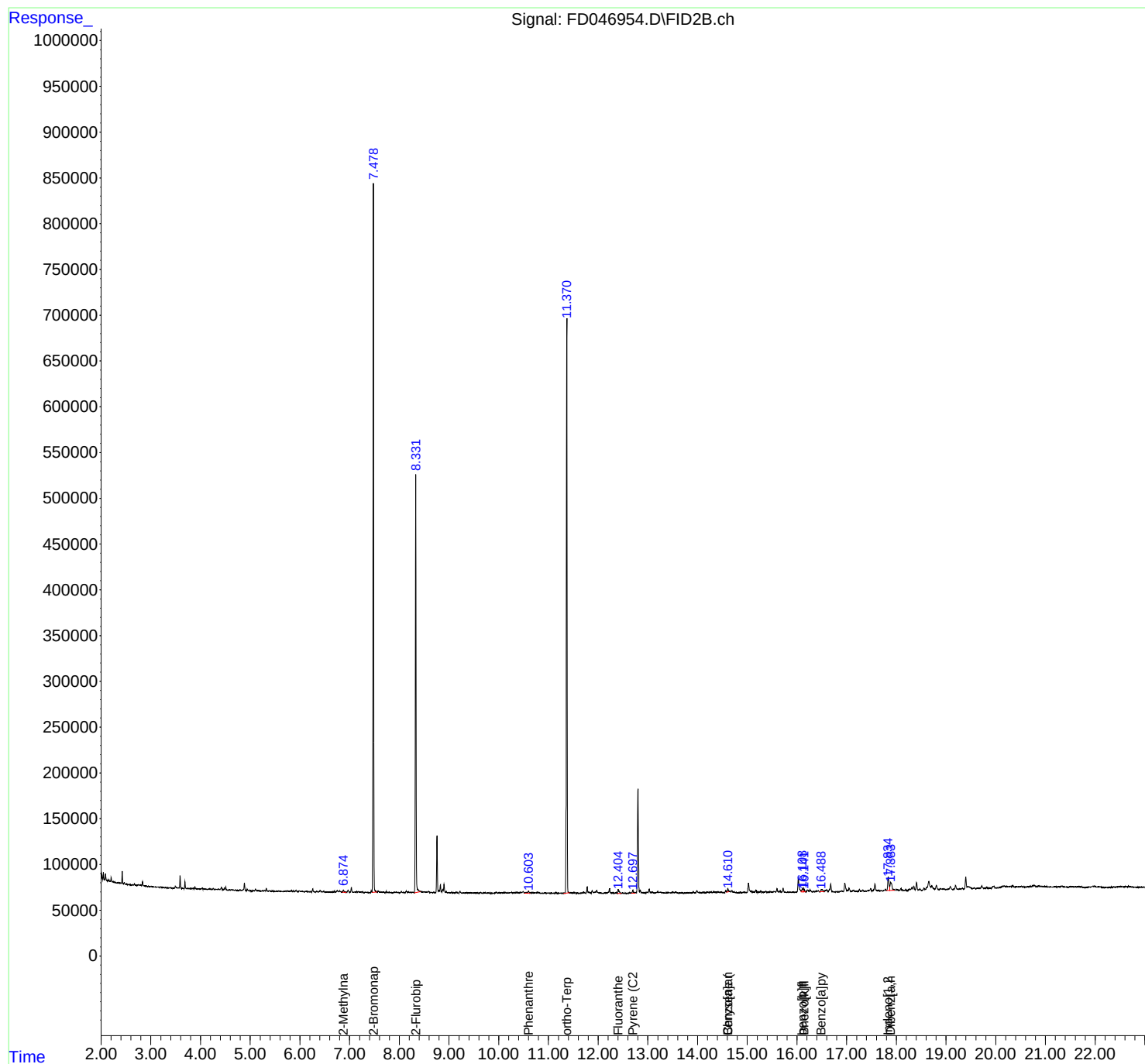
(f)=RT Delta > 1/2 Window

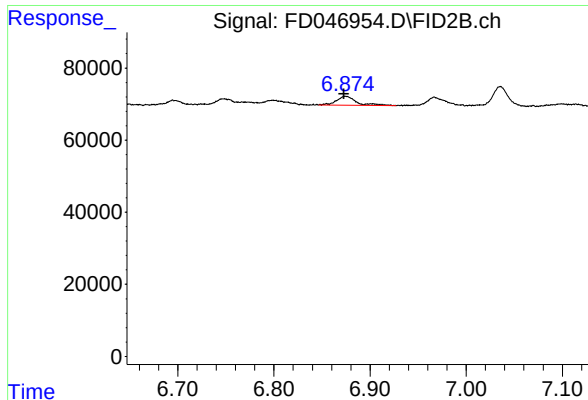
(m)=manual int.

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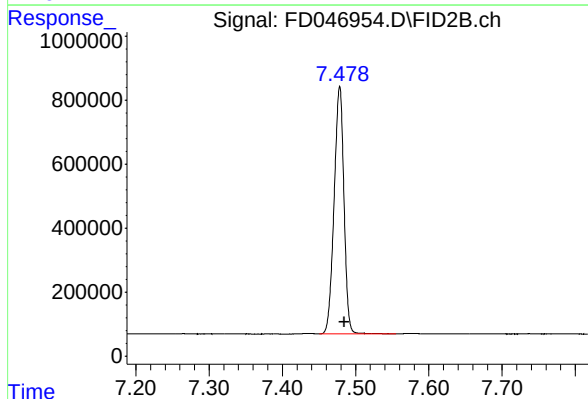
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





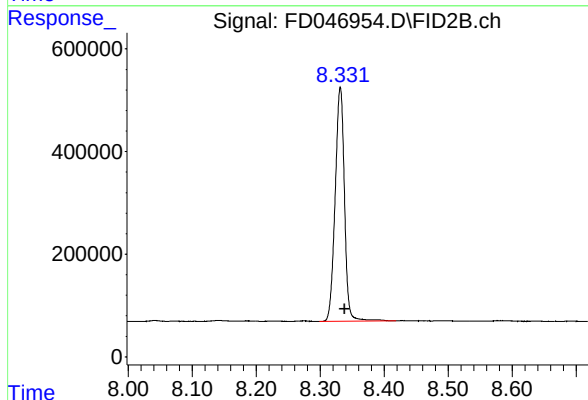
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.875 min
Delta R.T.: 0.002 min
Response: 36274
Conc: 0.18 ug/ml



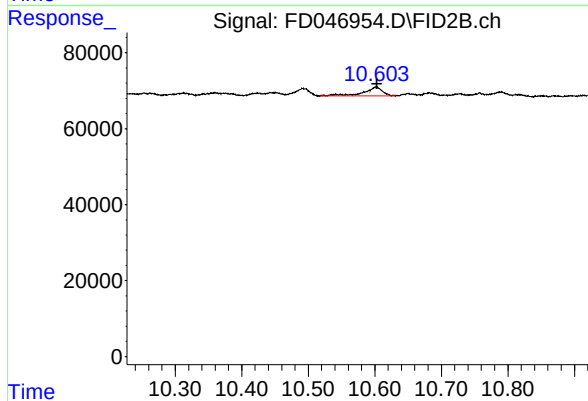
#4 2-Bromonaphthalene (SURR)

R.T.: 7.478 min
Delta R.T.: -0.006 min
Response: 7217732
Conc: 39.58 ug/ml



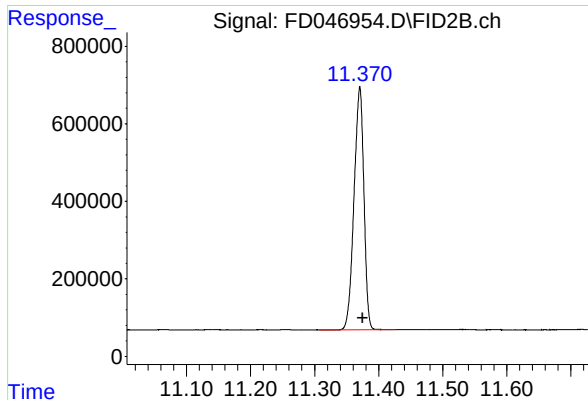
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.331 min
Delta R.T.: -0.007 min
Response: 4607669
Conc: 39.15 ug/ml



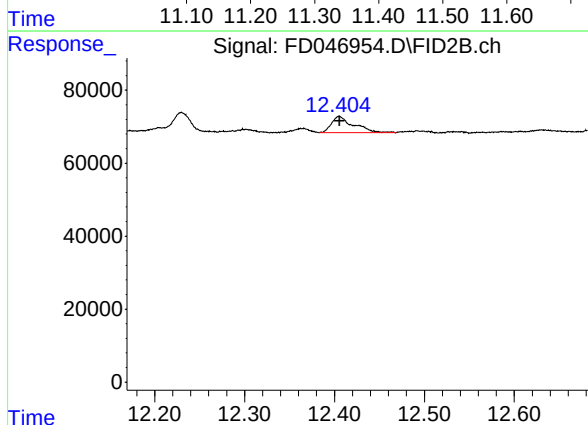
#9 Phenanthrene (C19.36)

R.T.: 10.602 min
Delta R.T.: -0.001 min
Response: 46185
Conc: 0.26 ug/ml



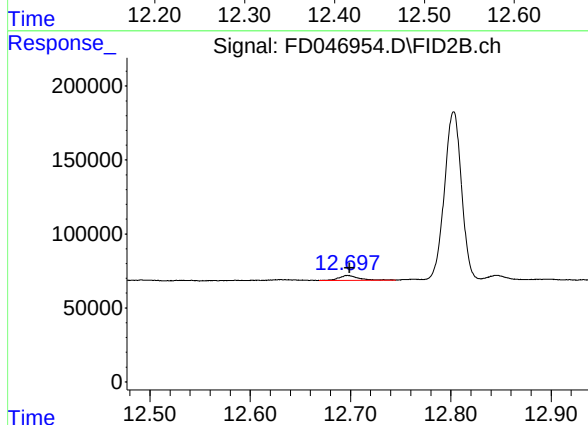
#11 ortho-Terphenyl (SURR)

R.T.: 11.370 min
Delta R.T.: -0.005 min
Response: 6692570
Conc: 31.61 ug/ml



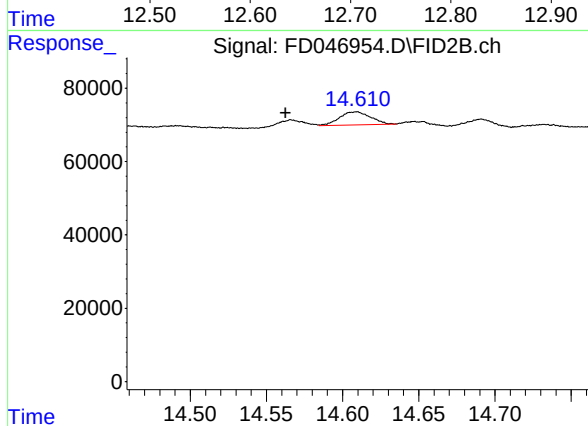
#12 Fluoranthene (C21.85)

R.T.: 12.406 min
Delta R.T.: 0.000 min
Response: 74801
Conc: 0.43 ug/ml



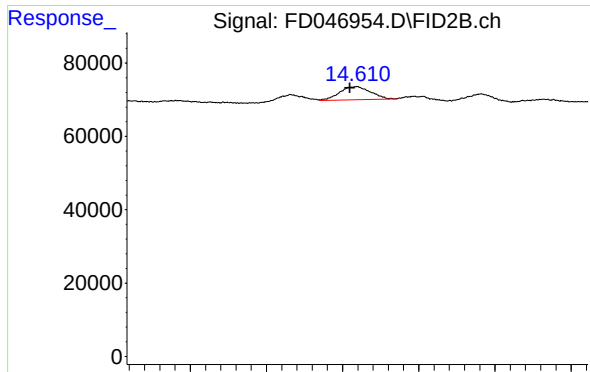
#13 Pyrene (C20.8)

R.T.: 12.698 min
Delta R.T.: -0.002 min
Response: 47062
Conc: 0.28 ug/ml



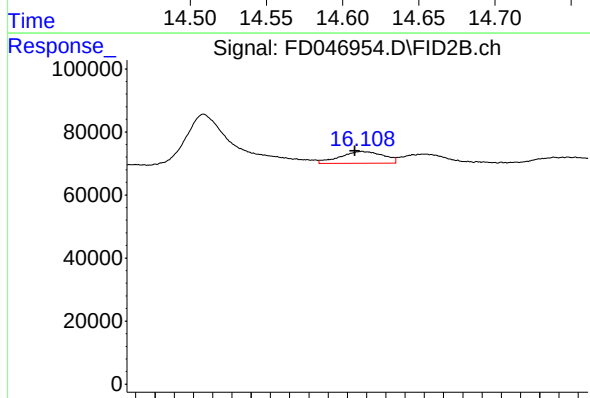
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.608 min
Delta R.T.: 0.045 min
Response: 50047
Conc: 0.36 ug/ml



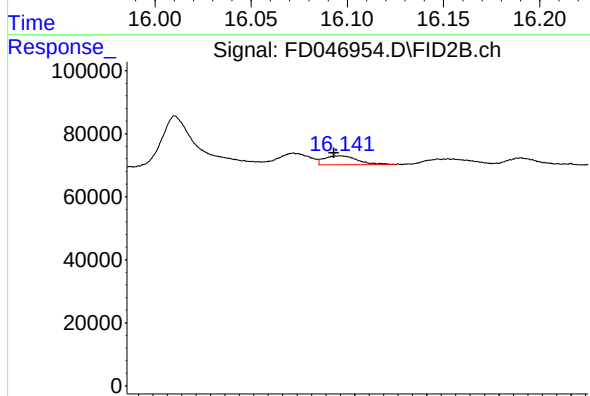
#15 Chrysene (C27.41)

R.T.: 14.608 min
Delta R.T.: 0.003 min
Response: 50047
Conc: 0.32 ug/ml



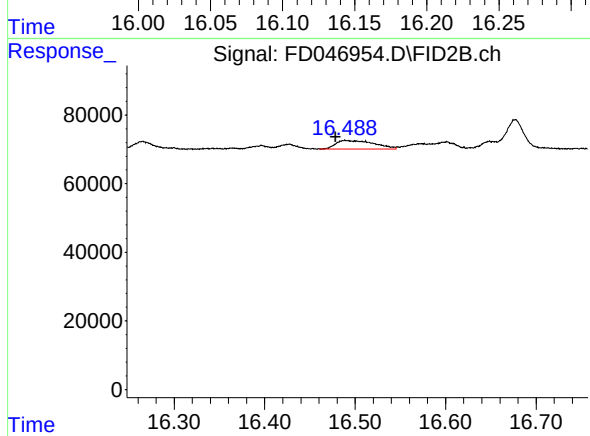
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.108 min
Delta R.T.: 0.004 min
Response: 58974
Conc: 0.41 ug/ml



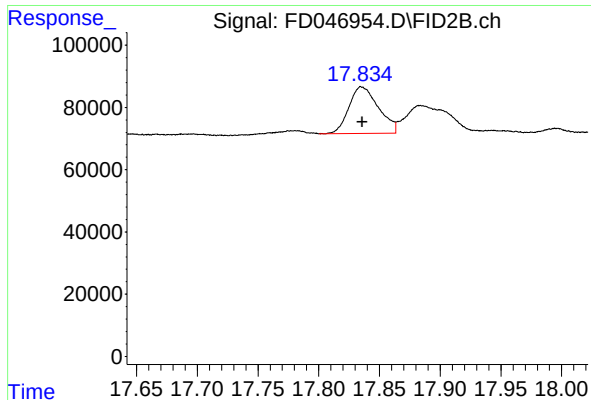
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.140 min
Delta R.T.: 0.004 min
Response: 46572
Conc: 0.32 ug/ml



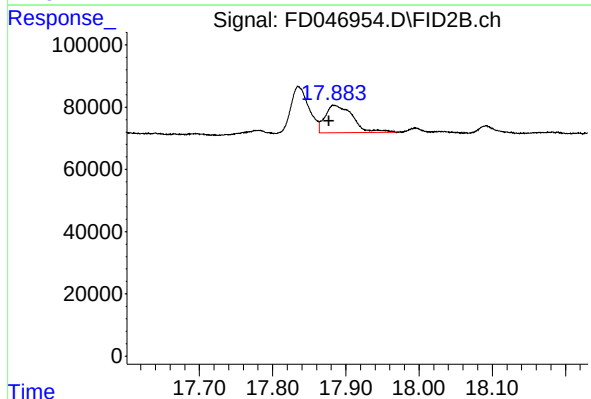
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.489 min
Delta R.T.: 0.011 min
Response: 72753
Conc: 0.52 ug/ml



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

R.T.: 17.836 min
Delta R.T.: 0.000 min
Response: 254942
Conc: 2.02 ug/ml



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

R.T.: 17.885 min
Delta R.T.: 0.007 min
Response: 234078
Conc: 1.68 ug/ml