

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080724AR\
 Data File : FD048168.D
 Signal(s) : FID2B.ch
 Acq On : 07 Aug 2024 20:50
 Operator : YP/AJ
 Sample : P3476-02
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 08 03:21:31 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 13:13:15 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...	7.401	6817093	45.868 ug/ml
Spiked Amount 50.000		Recovery =	91.74%
6) S 2-Fluorobiphenyl (SURR)	8.251	3607231	38.115 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	76.23%
11) S ortho-Terphenyl (SURR)	11.287	3623987	21.659 ug/ml
Spiked Amount 50.000		Recovery =	43.32%
Target Compounds			
3) T 2-Methylnaphthalene (...)	6.801	39705	0.229 ug/ml
7) T Acenaphthene (C15.5)	8.310	138595	0.799 ug/ml
8) T Fluorene (C16.55)	9.144	30782	0.190 ug/ml
12) T Fluoranthene (C21.85)	12.329	45558	0.288 ug/ml
14) T Benzo[a]anthracene (C...	14.534	72979	0.535 ug/ml
15) T Chrysene (C27.41)	14.534	72979	0.453 ug/ml
16) T benzo[b]fluoranthene ...	16.041	67047	0.466 ug/ml
17) T Bnezo[k]fluoranthene ...	16.075	46464	0.311 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.444	44013	0.311 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.811	419759	3.722 ug/ml
20) T Dibenz[a,h]anthracene...	17.811	419759	2.888 ug/ml
21) T Benzo[g,h,i]perylene ...	18.037	46606	0.316 ug/ml

(f)=RT Delta > 1/2 Window

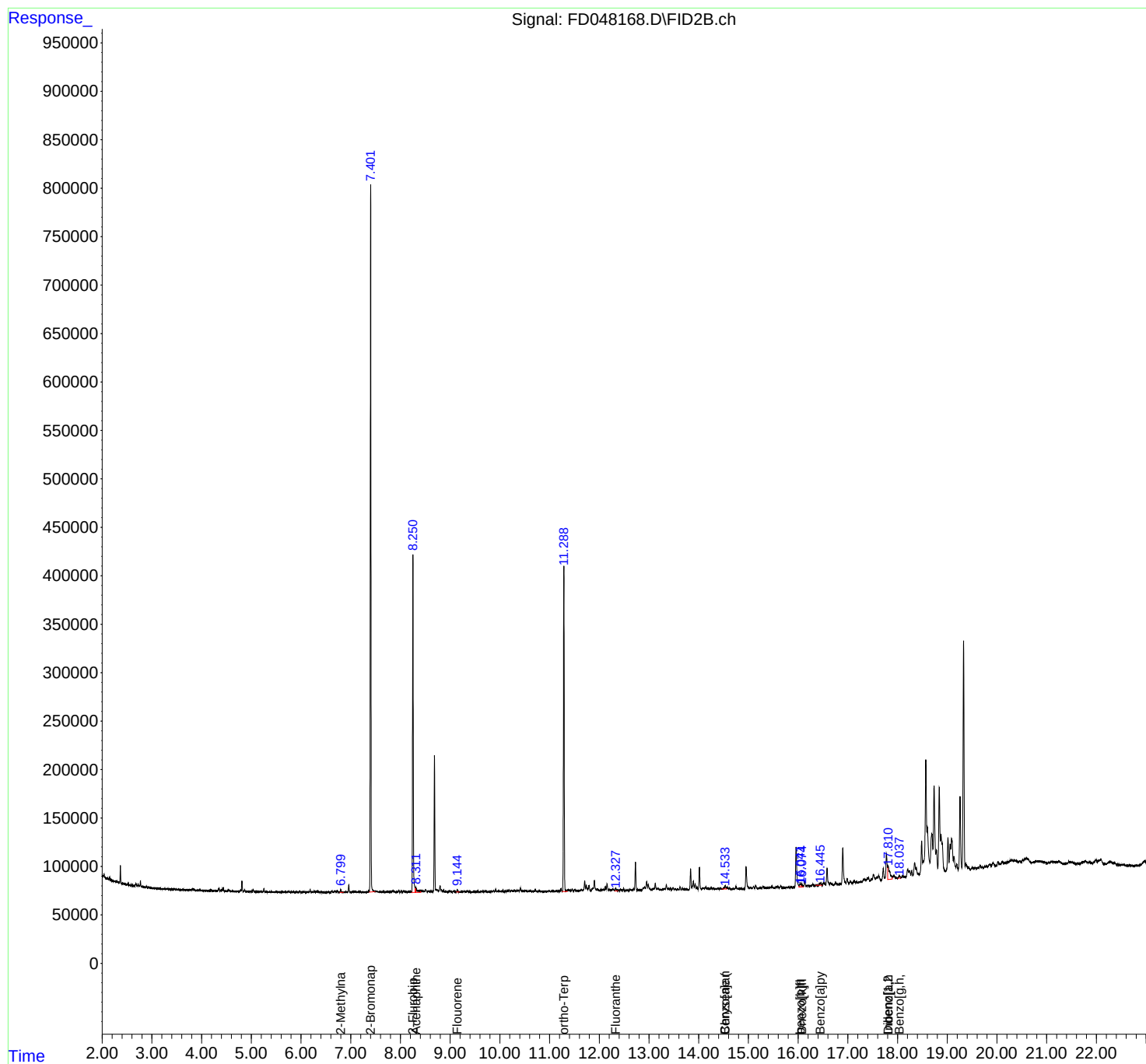
(m)=manual int.

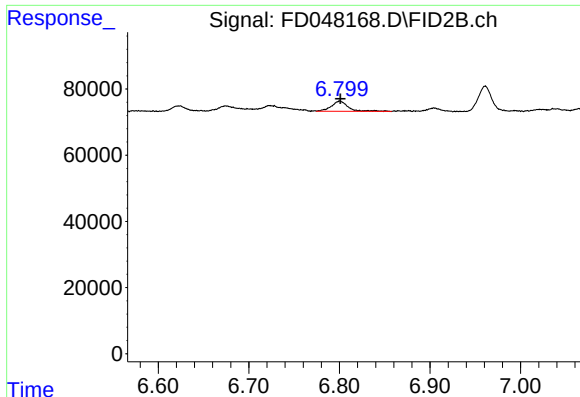
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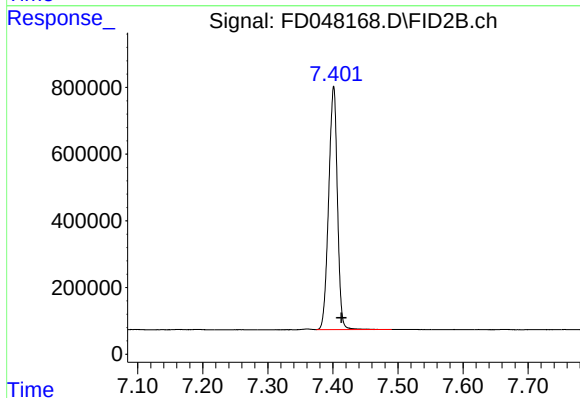




#3 2-Methylnaphthalene (C12.89)

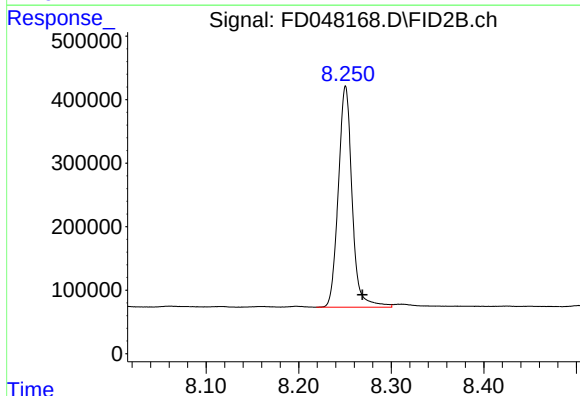
R.T.: 6.801 min
Delta R.T.: 0.000 min
Response: 39705
Conc: 0.23 ug/ml

Instrument :
FID_D
ClientSampleId :



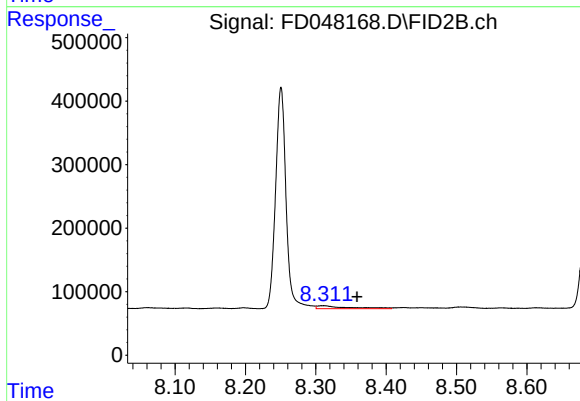
#4 2-Bromonaphthalene (SURR)

R.T.: 7.401 min
Delta R.T.: -0.012 min
Response: 6817093
Conc: 45.87 ug/ml



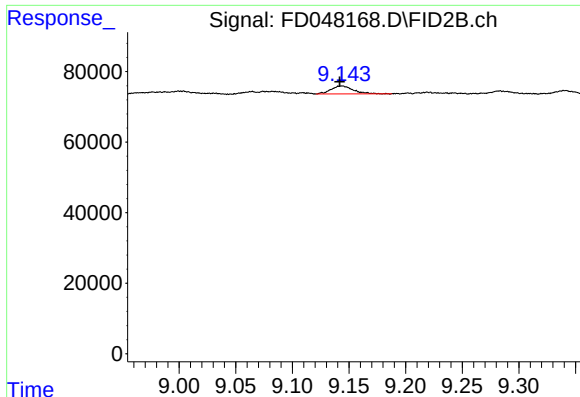
#6 2-Flurobiphenyl (SURR)

R.T.: 8.251 min
Delta R.T.: -0.018 min
Response: 3607231
Conc: 38.12 ug/ml



#7 Acenaphthene (C15.5)

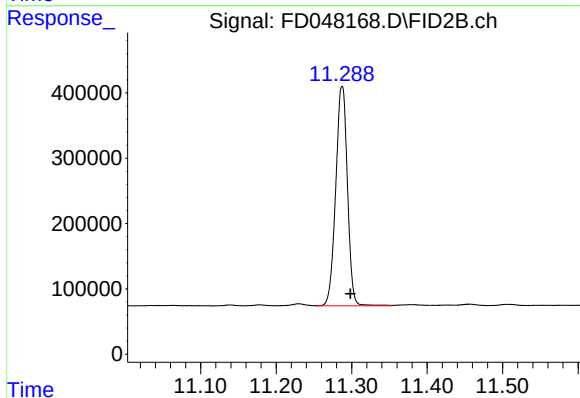
R.T.: 8.310 min
Delta R.T.: -0.048 min
Response: 138595
Conc: 0.80 ug/ml



#8 Flouorene (C16.55)

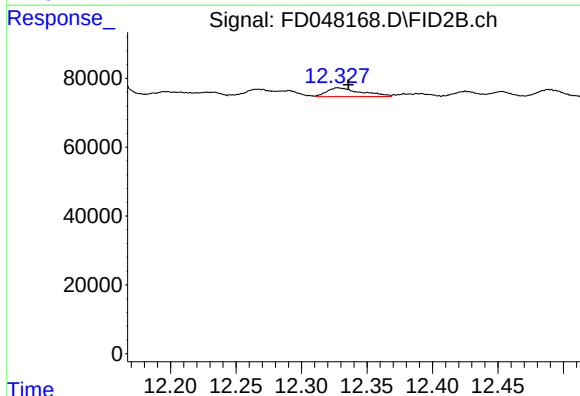
R.T.: 9.144 min
Delta R.T.: 0.002 min
Response: 30782
Conc: 0.19 ug/ml

Instrument :
FID_D
ClientSampleId :



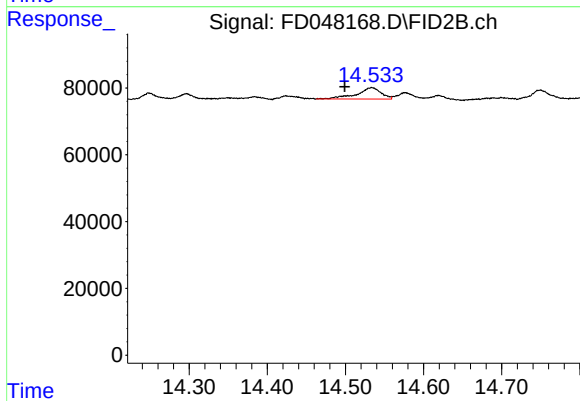
#11 ortho-Terphenyl (SURR)

R.T.: 11.287 min
Delta R.T.: -0.011 min
Response: 3623987
Conc: 21.66 ug/ml



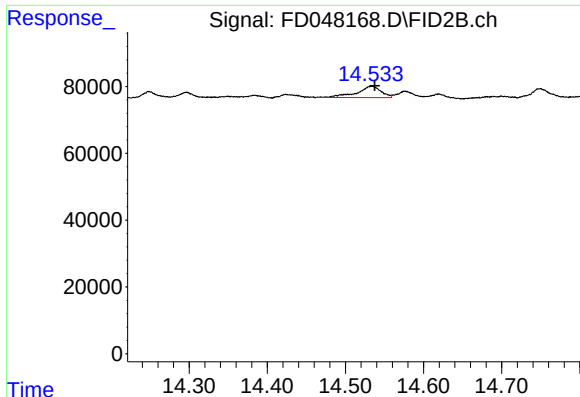
#12 Fluoranthene (C21.85)

R.T.: 12.329 min
Delta R.T.: -0.007 min
Response: 45558
Conc: 0.29 ug/ml



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

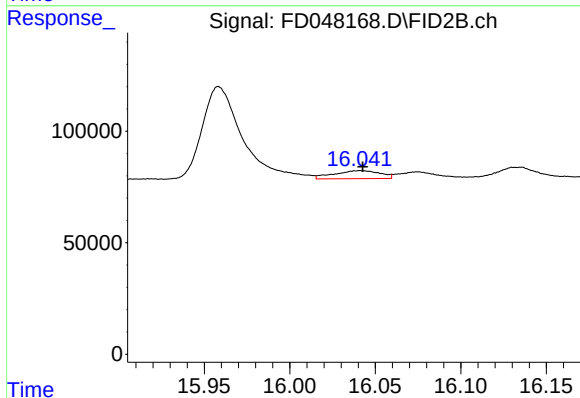
R.T.: 14.534 min
Delta R.T.: 0.035 min
Response: 72979
Conc: 0.53 ug/ml



#15 Chrysene (C27.41)

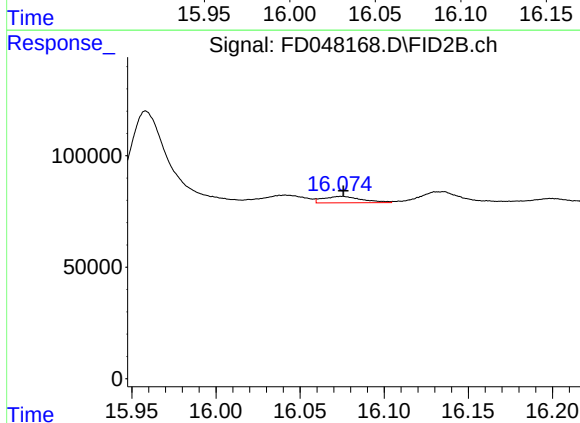
R.T.: 14.534 min
Delta R.T.: -0.004 min
Response: 72979
Conc: 0.45 ug/ml

Instrument :
FID_D
ClientSampleId :



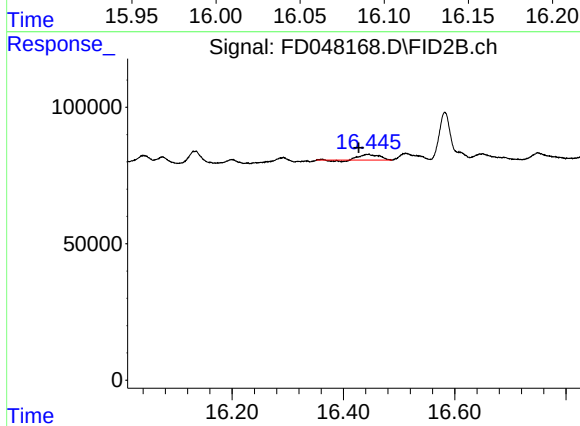
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.041 min
Delta R.T.: -0.001 min
Response: 67047
Conc: 0.47 ug/ml



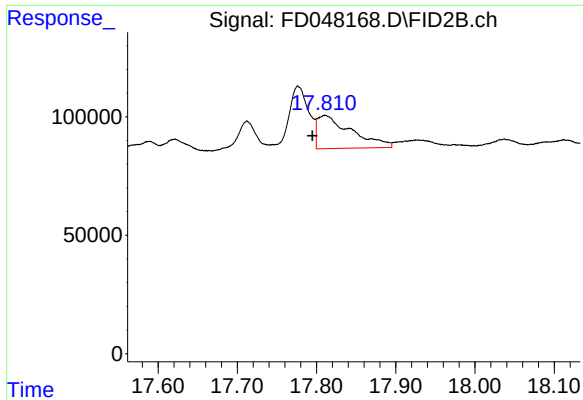
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.075 min
Delta R.T.: -0.001 min
Response: 46464
Conc: 0.31 ug/ml



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

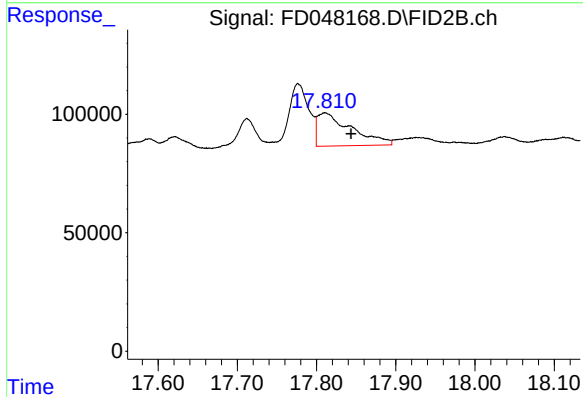
R.T.: 16.444 min
Delta R.T.: 0.016 min
Response: 44013
Conc: 0.31 ug/ml



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

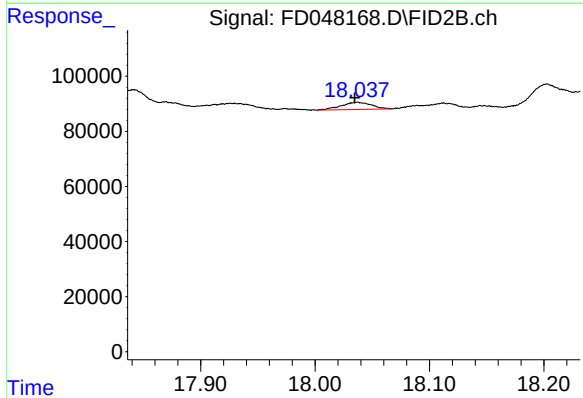
R.T.: 17.811 min
Delta R.T.: 0.016 min
Response: 419759
Conc: 3.72 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.811 min
Delta R.T.: -0.033 min
Response: 419759
Conc: 2.89 ug/ml



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

R.T.: 18.037 min
Delta R.T.: 0.003 min
Response: 46606
Conc: 0.32 ug/ml