

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071724AR\
 Data File : FD048055.D
 Signal(s) : FID2B.ch
 Acq On : 18 Jul 2024 00:31
 Operator : YP/AJ
 Sample : P3246-24
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 18 03:38:34 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...	7.410	8007809	53.879 ug/ml
Spiked Amount 50.000		Recovery =	107.76%
6) S 2-Fluorobiphenyl (SURR)	8.260	5243628	55.406 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	110.81%
11) S ortho-Terphenyl (SURR)	11.298	4954990	29.614 ug/ml
Spiked Amount 50.000		Recovery =	59.23%
Target Compounds			
3) T 2-Methylnaphthalene (...)	6.809	43801	0.252 ug/ml
8) T Flouorene (C16.55)	9.154	26537	0.163 ug/ml
12) T Fluoranthene (C21.85)	12.345	56795	0.359 ug/ml
13) T Pyrene (C20.8)	12.636	36399	0.230 ug/ml
14) T Benzo[a]anthracene (C...	14.555f	53801	0.394 ug/ml
15) T Chrysene (C27.41)	14.555	53801	0.334 ug/ml
16) T benzo[b]fluoranthene ...	16.070	68621	0.477 ug/ml
17) T Bnezo[k]fluoranthene ...	16.070	68621	0.459 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.455	39296	0.277 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.784	219643	1.947 ug/ml
20) T Dibenz[a,h]anthracene...	17.830	127229	0.875 ug/ml

(f)=RT Delta > 1/2 Window

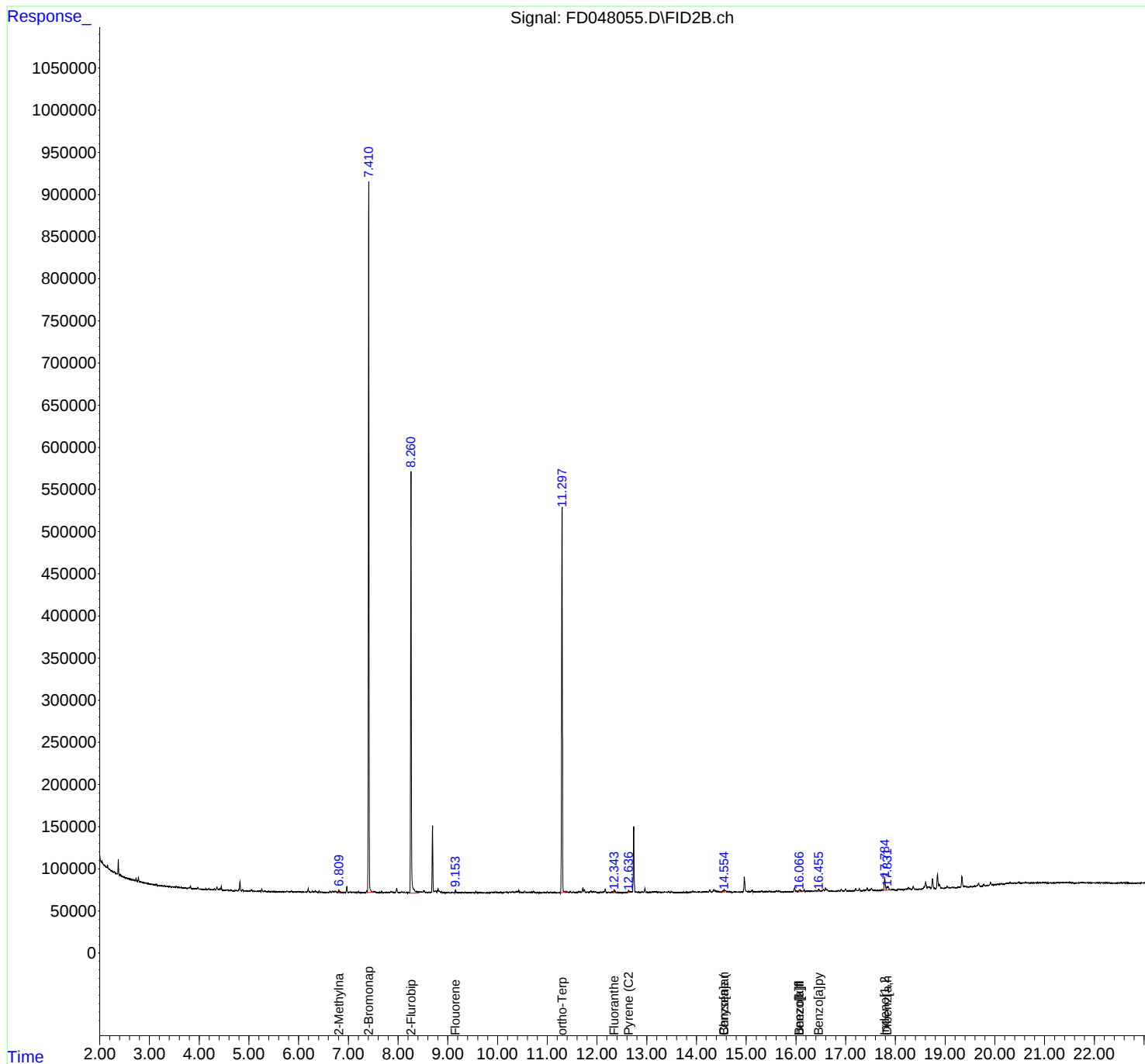
(m)=manual int.

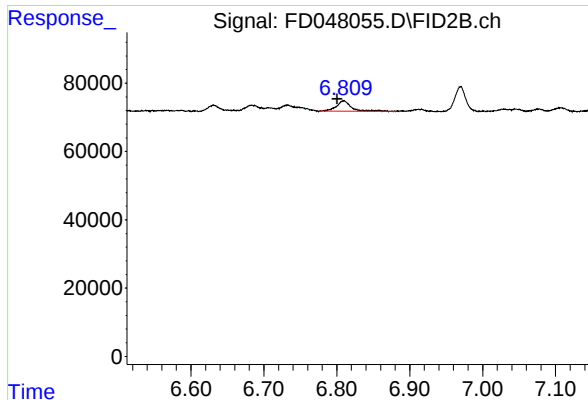
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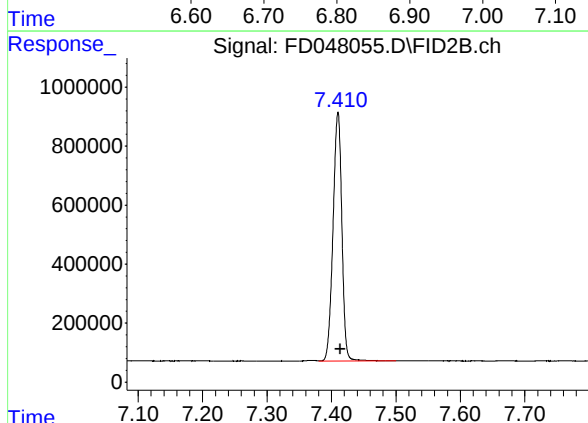




#3 2-Methylnaphthalene (C12.89)

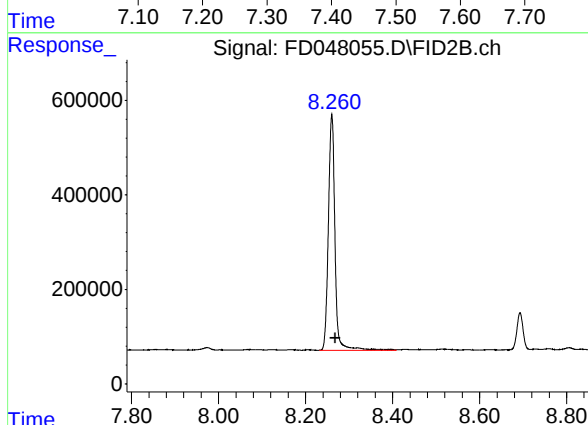
R.T.: 6.809 min
Delta R.T.: 0.009 min
Response: 43801
Conc: 0.25 ug/ml

Instrument :
FID_D
ClientSampleId :



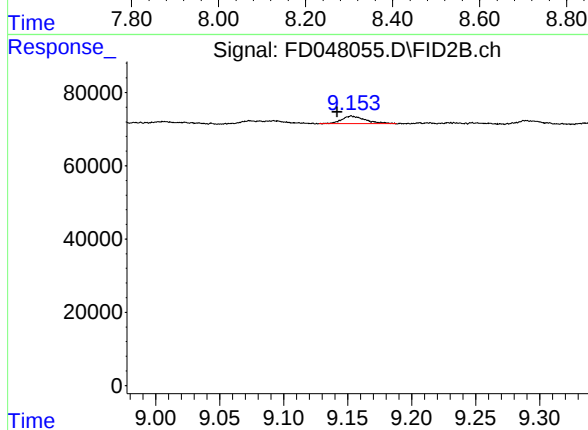
#4 2-Bromonaphthalene (SURR)

R.T.: 7.410 min
Delta R.T.: -0.003 min
Response: 8007809
Conc: 53.88 ug/ml



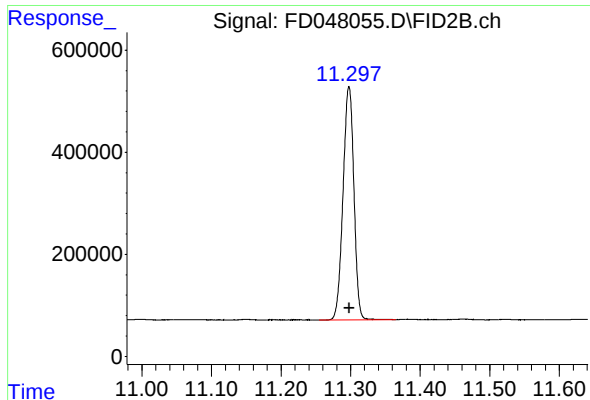
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.260 min
Delta R.T.: -0.009 min
Response: 5243628
Conc: 55.41 ug/ml



#8 Flouorene (C16.55)

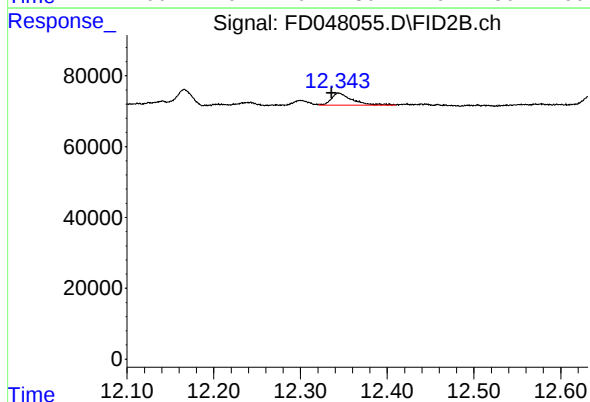
R.T.: 9.154 min
Delta R.T.: 0.012 min
Response: 26537
Conc: 0.16 ug/ml



#11 ortho-Terphenyl (SURR)

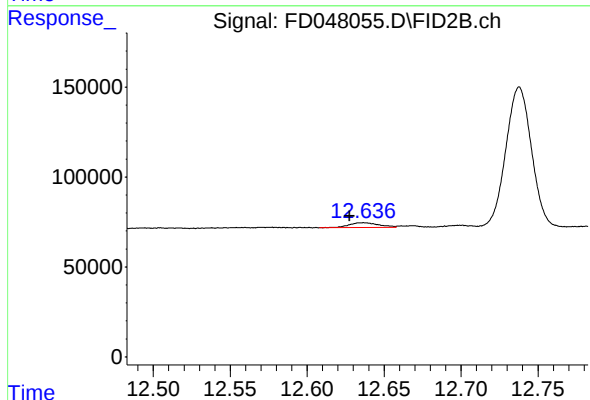
R.T.: 11.298 min
Delta R.T.: 0.000 min
Response: 4954990
Conc: 29.61 ug/ml

Instrument :
FID_D
ClientSampleId :



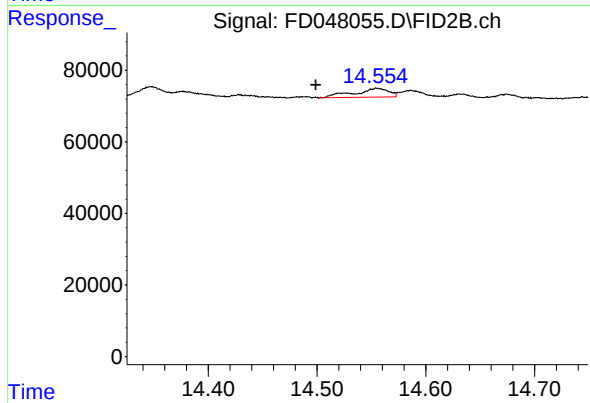
#12 Fluoranthene (C21.85)

R.T.: 12.345 min
Delta R.T.: 0.009 min
Response: 56795
Conc: 0.36 ug/ml



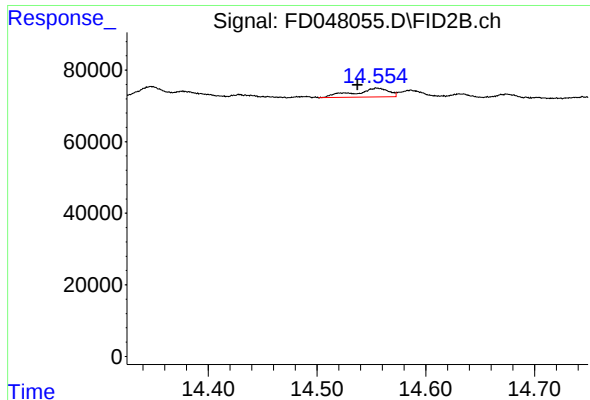
#13 Pyrene (C20.8)

R.T.: 12.636 min
Delta R.T.: 0.009 min
Response: 36399
Conc: 0.23 ug/ml



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

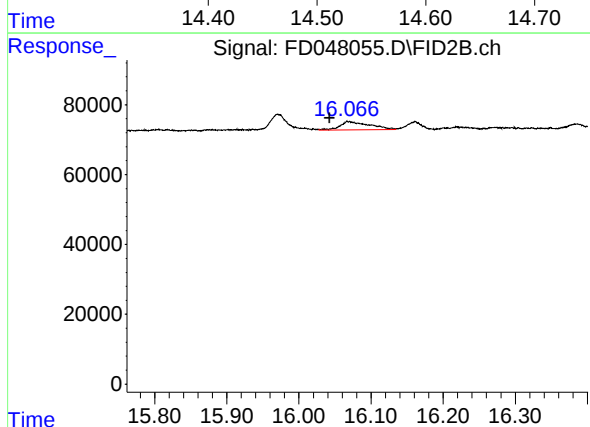
R.T.: 14.555 min
Delta R.T.: 0.007 min
Response: 53801
Conc: 0.39 ug/ml



#15 Chrysene (C27.41)

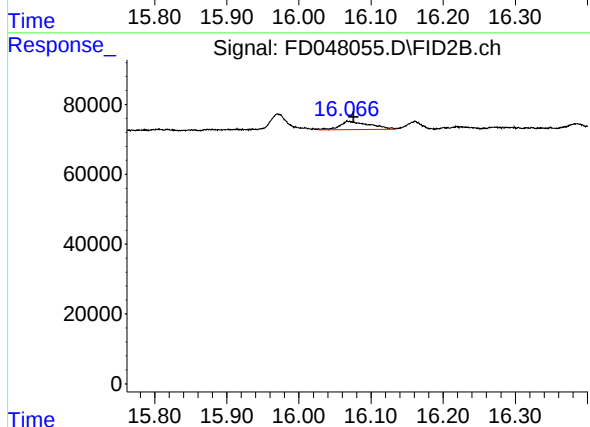
R.T.: 14.555 min
Delta R.T.: 0.018 min
Response: 53801
Conc: 0.33 ug/ml

Instrument :
FID_D
ClientSampleId :



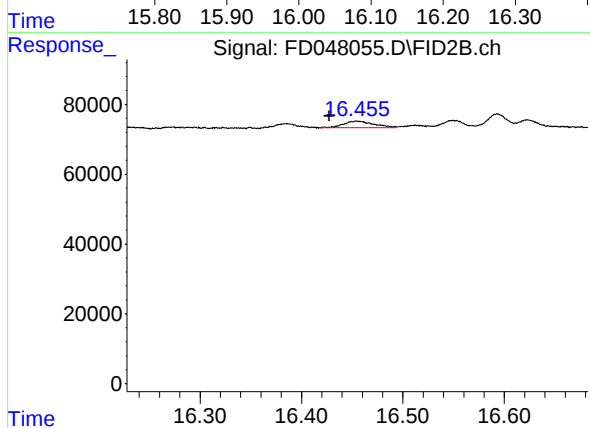
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.070 min
Delta R.T.: 0.027 min
Response: 68621
Conc: 0.48 ug/ml



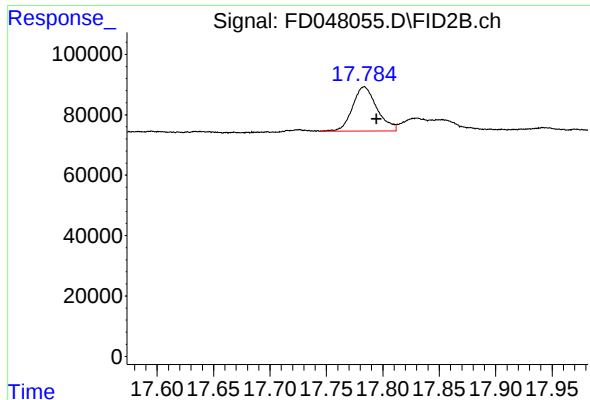
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.070 min
Delta R.T.: -0.006 min
Response: 68621
Conc: 0.46 ug/ml



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

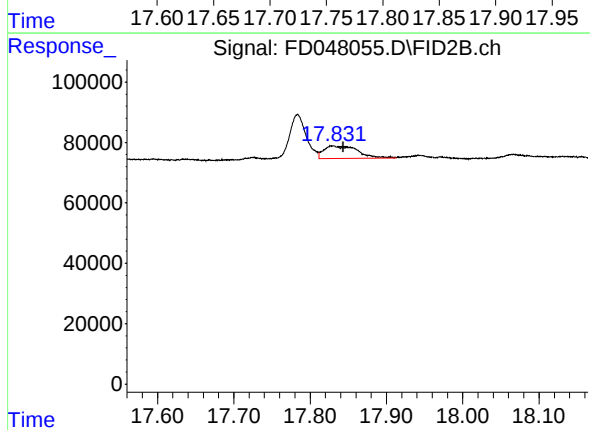
R.T.: 16.455 min
Delta R.T.: 0.028 min
Response: 39296
Conc: 0.28 ug/ml



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

R.T.: 17.784 min
Delta R.T.: -0.011 min
Response: 219643
Conc: 1.95 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.830 min
Delta R.T.: -0.014 min
Response: 127229
Conc: 0.88 ug/ml