

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082924AR\
 Data File : FD048238.D
 Signal(s) : FID2B.ch
 Acq On : 29 Aug 2024 19:00
 Operator : YP/AJ
 Sample : P3732-02
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 30 02:59:10 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081324.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 12 16:16:10 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...	7.394	7185276	48.139 ug/ml
Spiked Amount 50.000		Recovery =	96.28%
6) S 2-Fluorobiphenyl (SURR)	8.244	4533748	47.366 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	94.73%
11) S ortho-Terphenyl (SURR)	11.280	6430307	38.174 ug/ml
Spiked Amount 50.000		Recovery =	76.35%
Target Compounds			
5) T Acenaphthylene (C15.06)	8.059	38014	0.221 ug/ml
12) T Fluoranthene (C21.85)	12.336	45214	0.284 ug/ml
13) T Pyrene (C20.8)	12.626	49442	0.315 ug/ml
14) T Benzo[a]anthracene (C...	14.511	19455	0.138 ug/ml
15) T Chrysene (C27.41)	14.511	19455	0.122 ug/ml
16) T benzo[b]fluoranthene ...	16.053	56582	0.381 ug/ml
17) T Bnezo[k]fluoranthene ...	16.053	56582	0.381 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.434	29258	0.199 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.761	84007	0.687 ug/ml
20) T Dibenz[a,h]anthracene...	17.833	56945	0.373 ug/ml
21) T Benzo[g,h,i]perylene ...	18.042	29790	0.197 ug/ml

(f)=RT Delta > 1/2 Window

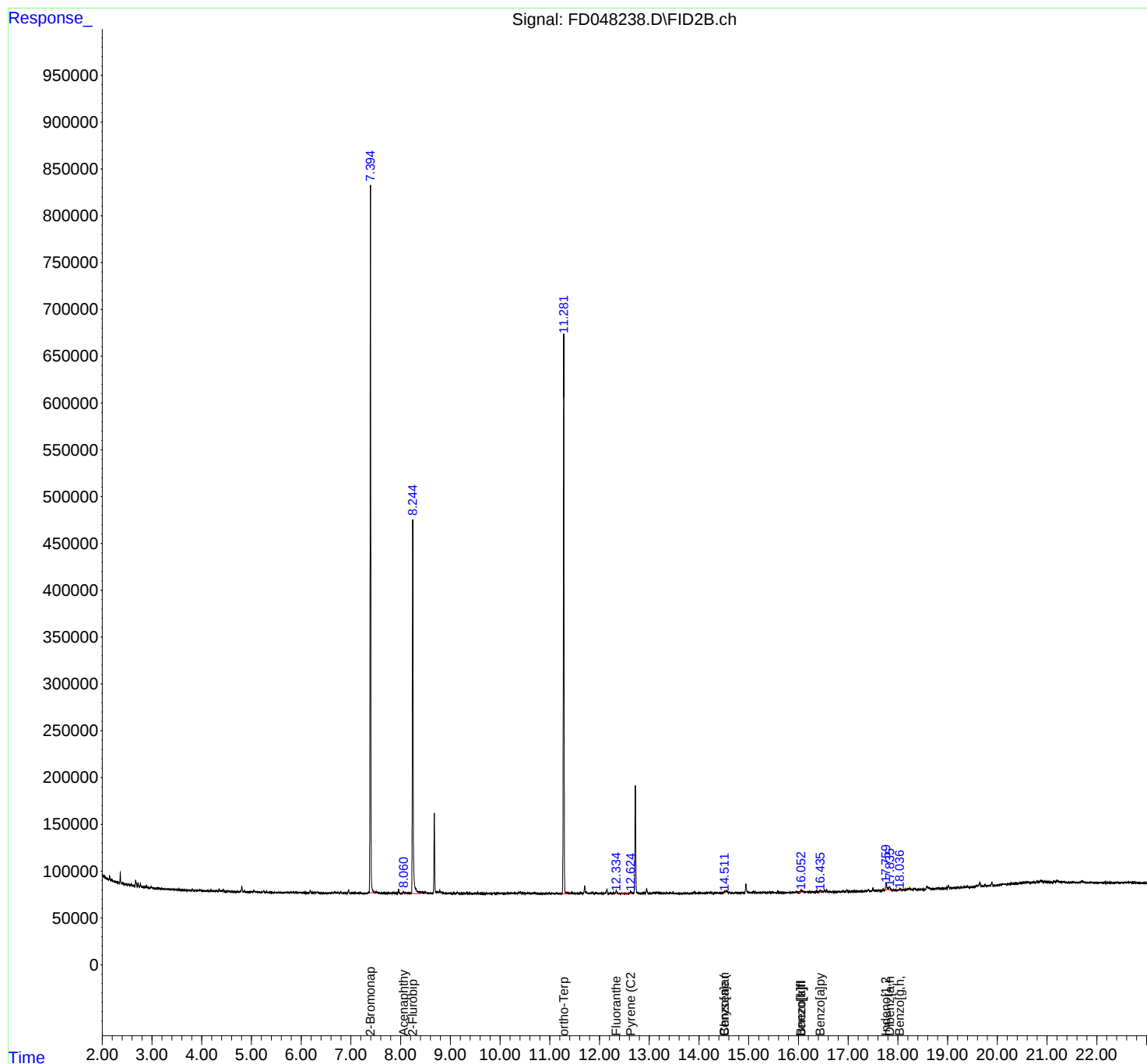
(m)=manual int.

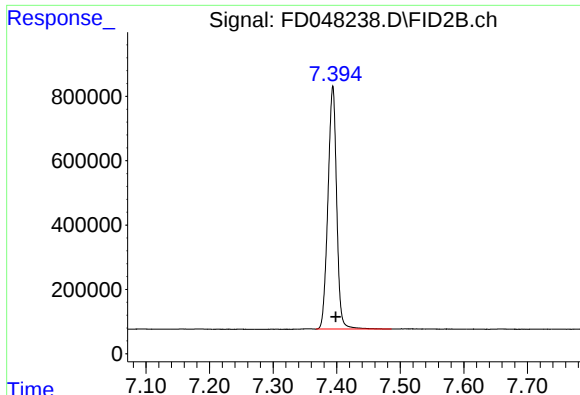
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

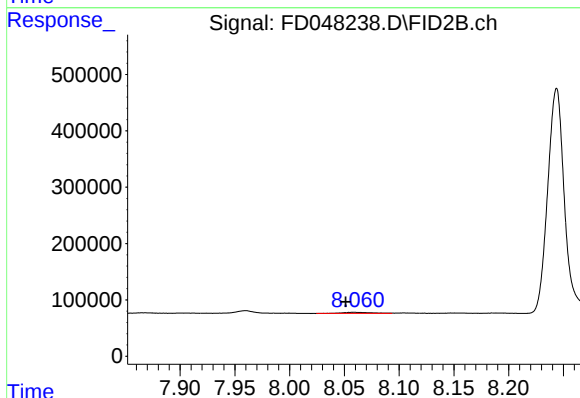




#4 2-Bromonaphthalene (SURR)

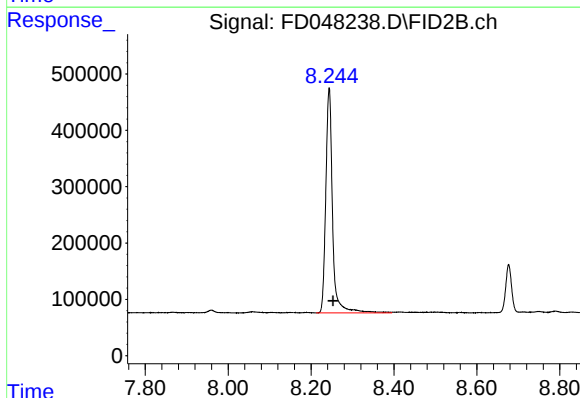
R.T.: 7.394 min
Delta R.T.: -0.005 min
Response: 7185276
Conc: 48.14 ug/ml

Instrument :
FID_D
ClientSampleId :



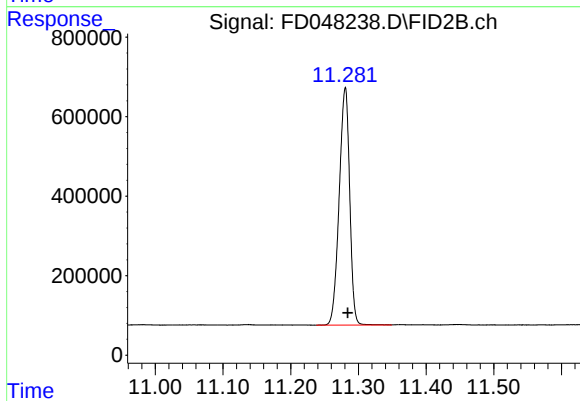
#5 Acenaphthylene (C15.06)

R.T.: 8.059 min
Delta R.T.: 0.008 min
Response: 38014
Conc: 0.22 ug/ml



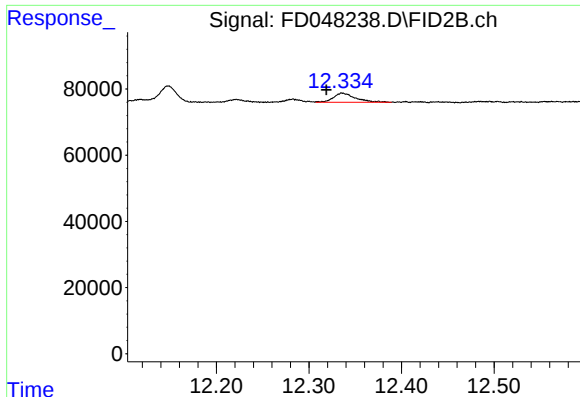
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.244 min
Delta R.T.: -0.009 min
Response: 4533748
Conc: 47.37 ug/ml



#11 ortho-Terphenyl (SURR)

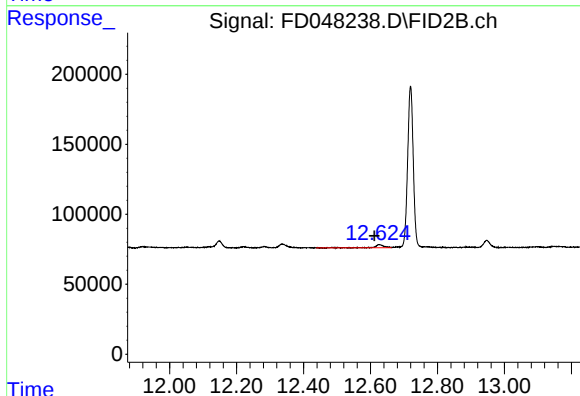
R.T.: 11.280 min
Delta R.T.: -0.004 min
Response: 6430307
Conc: 38.17 ug/ml



#12 Fluoranthene (C21.85)

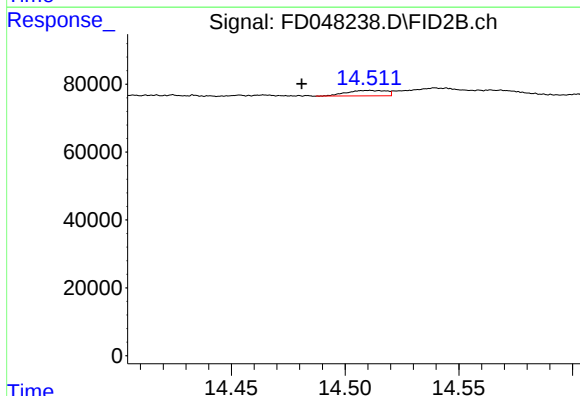
R.T.: 12.336 min
Delta R.T.: 0.018 min
Response: 45214
Conc: 0.28 ug/ml

Instrument :
FID_D
ClientSampleId :



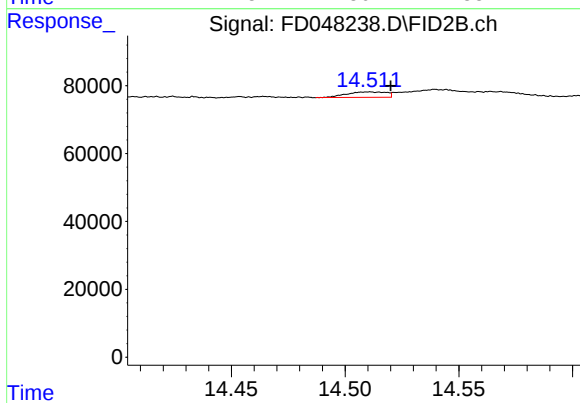
#13 Pyrene (C20.8)

R.T.: 12.626 min
Delta R.T.: 0.014 min
Response: 49442
Conc: 0.32 ug/ml



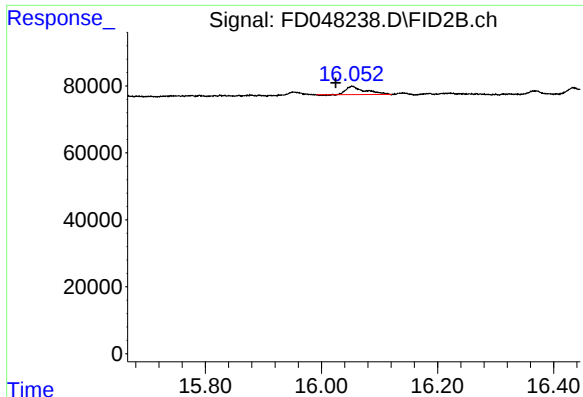
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.511 min
Delta R.T.: 0.030 min
Response: 19455
Conc: 0.14 ug/ml



#15 Chrysene (C27.41)

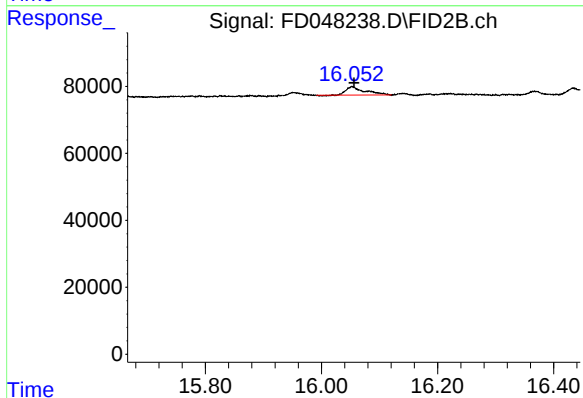
R.T.: 14.511 min
Delta R.T.: -0.009 min
Response: 19455
Conc: 0.12 ug/ml



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

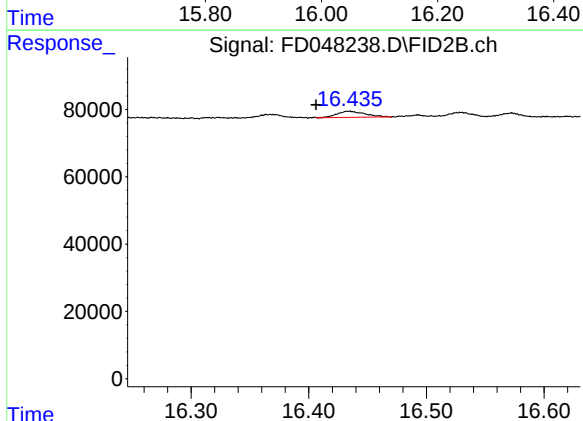
R.T.: 16.053 min
Delta R.T.: 0.028 min
Response: 56582
Conc: 0.38 ug/ml

Instrument :
FID_D
ClientSampleId :



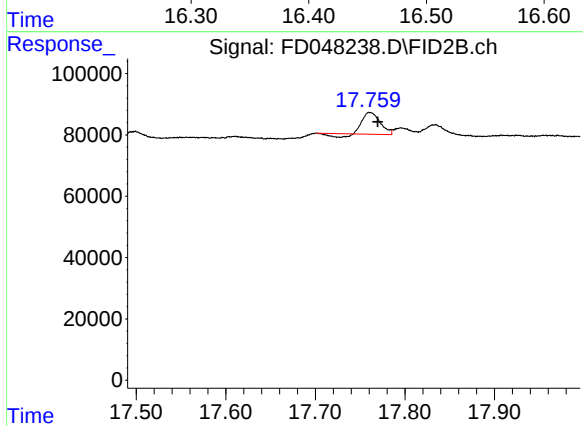
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.053 min
Delta R.T.: -0.003 min
Response: 56582
Conc: 0.38 ug/ml



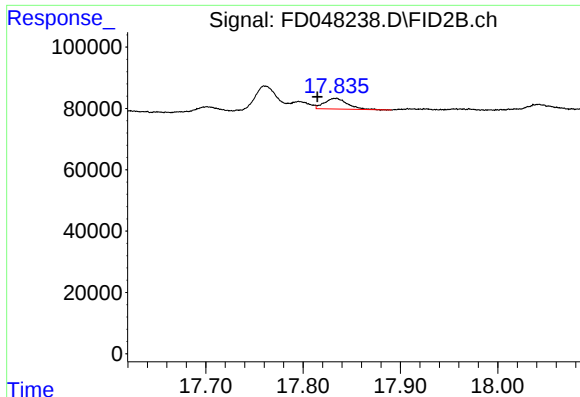
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.434 min
Delta R.T.: 0.028 min
Response: 29258
Conc: 0.20 ug/ml



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

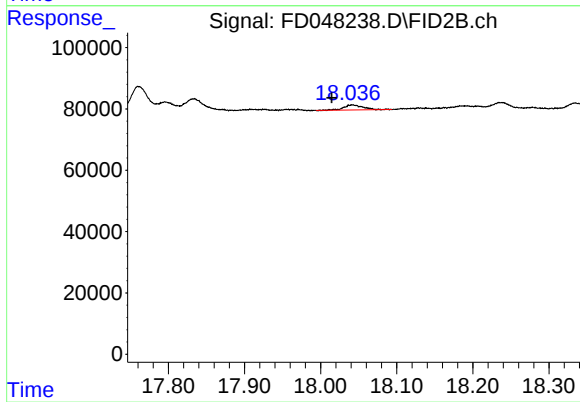
R.T.: 17.761 min
Delta R.T.: -0.009 min
Response: 84007
Conc: 0.69 ug/ml



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

R.T.: 17.833 min
Delta R.T.: 0.018 min
Response: 56945
Conc: 0.37 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.042 min
Delta R.T.: 0.027 min
Response: 29790
Conc: 0.20 ug/ml