

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110723AR\
 Data File : FD046848.D
 Signal(s) : FID2B.ch
 Acq On : 07 Nov 2023 23:09
 Operator : YP/AJ
 Sample : 05251-04
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 08 04:02:10 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...	7.484	7757048	42.534 ug/ml
Spiked Amount 50.000		Recovery =	85.07%
6) S 2-Fluorobiphenyl (SURR)	8.336	3385312	28.766 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	57.53%
11) S ortho-Terphenyl (SURR)	11.374	5125704	24.206 ug/ml
Spiked Amount 50.000		Recovery =	48.41%
Target Compounds			
3) T 2-Methylnaphthalene (...)	6.882	85895	0.427 ug/ml
5) T Acenaphthylene (C15.06)	8.141	41850	0.228 ug/ml
8) T Flouorene (C16.55)	9.225	41508	0.224 ug/ml
9) T Phenanthrene (C19.36)	10.602	74194	0.417 ug/ml
12) T Fluoranthene (C21.85)	12.401	220777	1.278 ug/ml
13) T Pyrene (C20.8)	12.695	179548	1.080 ug/ml
14) T Benzo[a]anthracene (C...	14.559	96777	0.688 ug/ml
15) T Chrysene (C27.41)	14.599	171984	1.103 ug/ml
16) T benzo[b]fluoranthene ...	16.100	194324	1.358 ug/ml
17) T Bnezo[k]fluoranthene ...	16.130	75670	0.517 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.475	126631	0.903 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.837	472850	3.743 ug/ml
20) T Dibenz[a,h]anthracene...	17.837	472850	3.385 ug/ml
21) T Benzo[g,h,i]perylene ...	18.082	89667	0.642 ug/ml

(f)=RT Delta > 1/2 Window

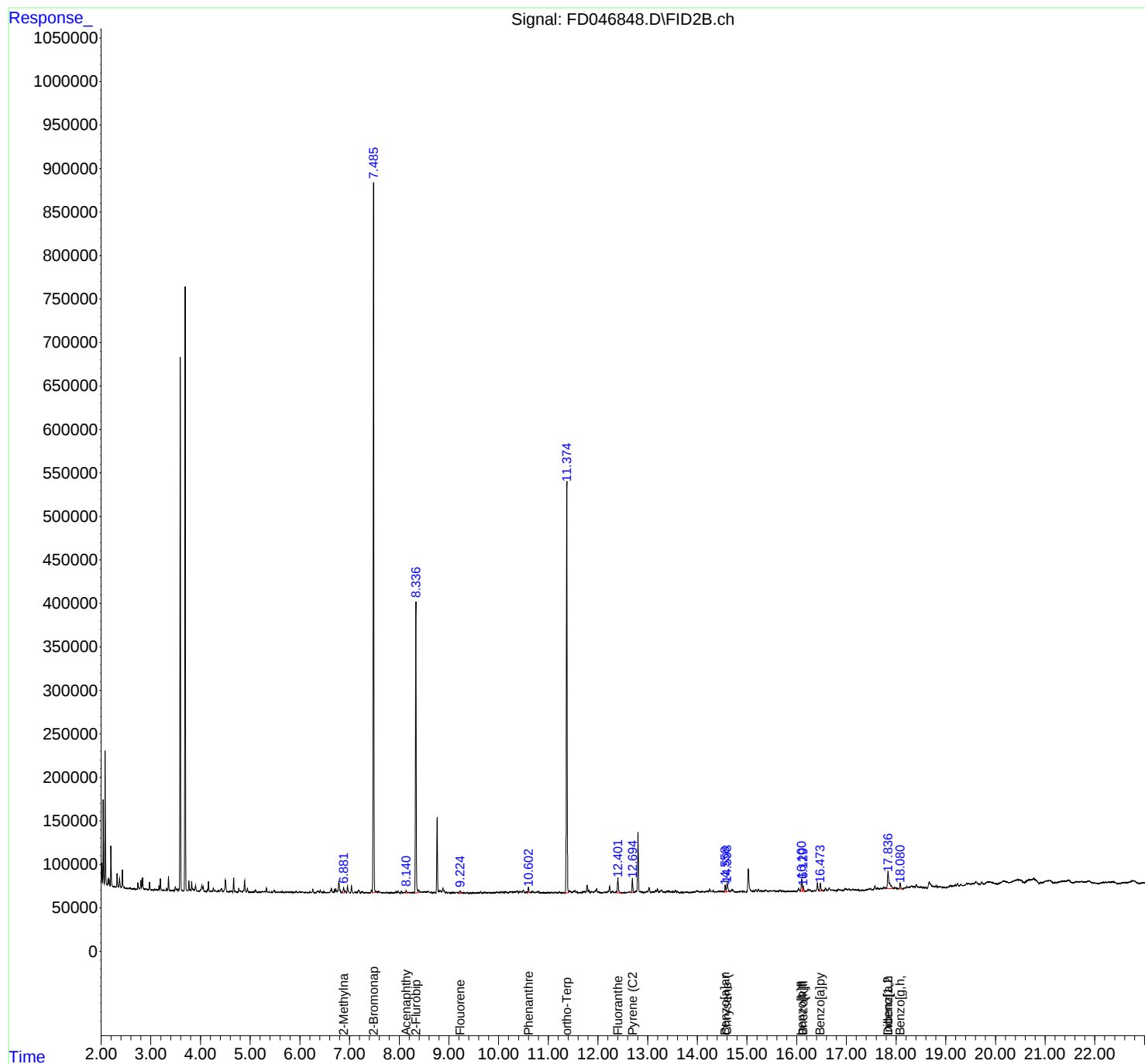
(m)=manual int.

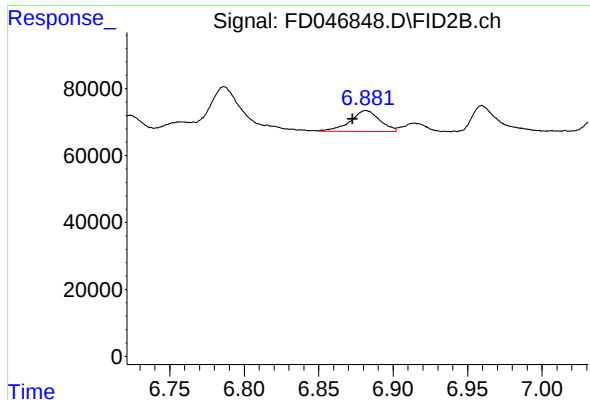
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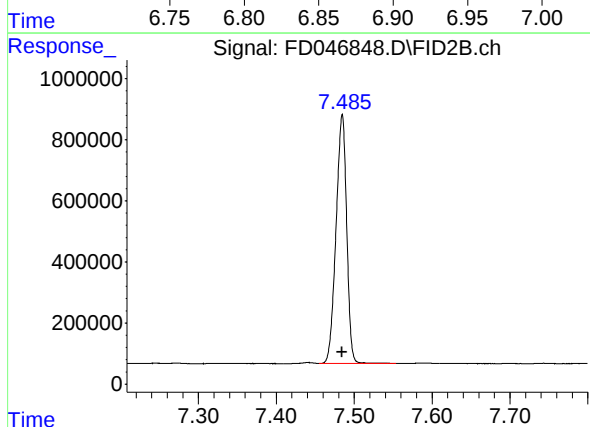




#3 2-Methylnaphthalene (C12.89)

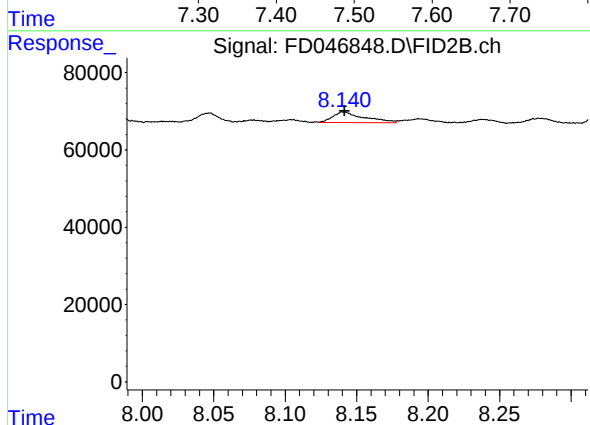
R.T.: 6.882 min
Delta R.T.: 0.009 min
Response: 85895
Conc: 0.43 ug/ml

Instrument :
FID_D
ClientSampleId :



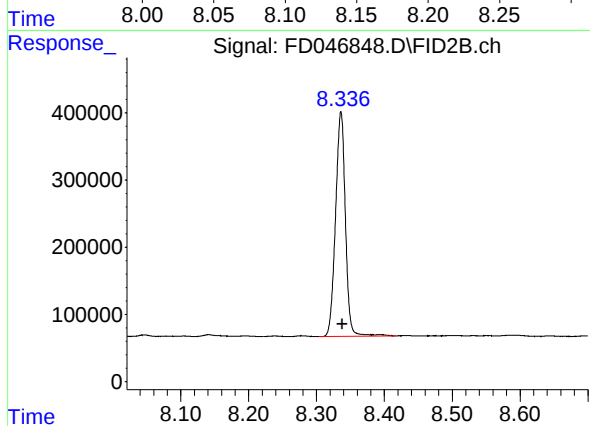
#4 2-Bromonaphthalene (SURR)

R.T.: 7.484 min
Delta R.T.: 0.000 min
Response: 7757048
Conc: 42.53 ug/ml



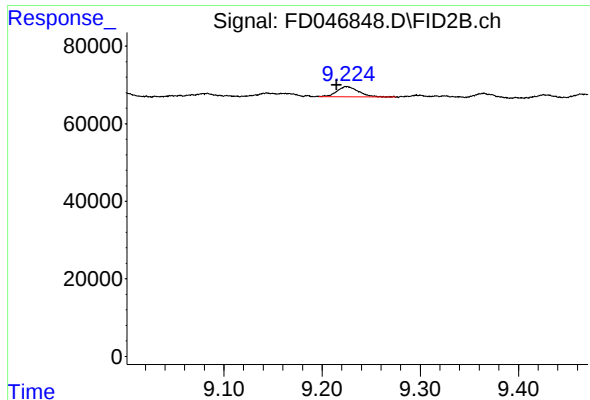
#5 Acenaphthylene (C15.06)

R.T.: 8.141 min
Delta R.T.: 0.000 min
Response: 41850
Conc: 0.23 ug/ml



#6 2-Fluorobiphenyl (SURR)

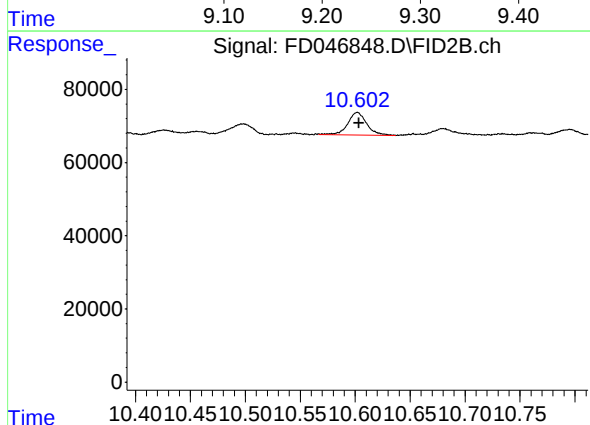
R.T.: 8.336 min
Delta R.T.: -0.002 min
Response: 3385312
Conc: 28.77 ug/ml



#8 Flouorene (C16.55)

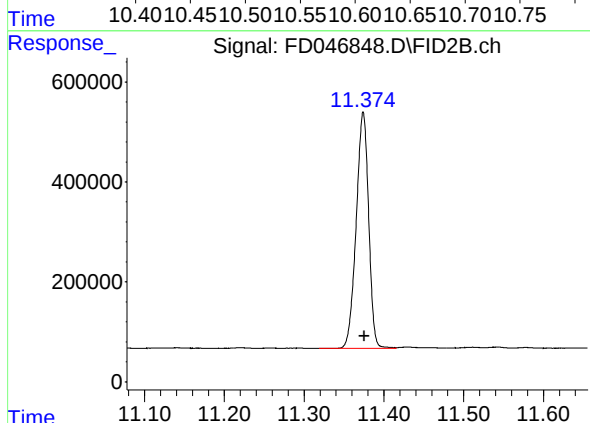
R.T.: 9.225 min
Delta R.T.: 0.011 min
Response: 41508
Conc: 0.22 ug/ml

Instrument :
FID_D
ClientSampleId :



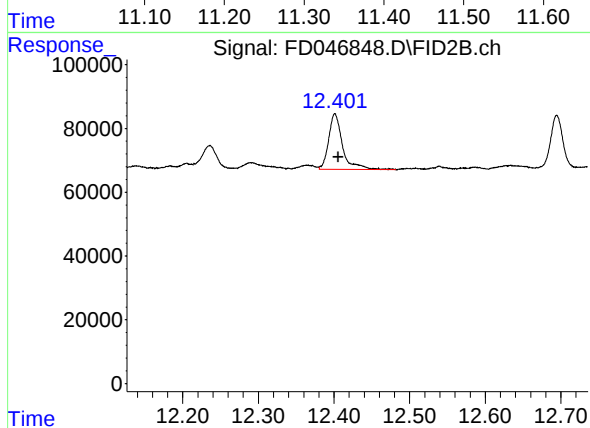
#9 Phenanthrene (C19.36)

R.T.: 10.602 min
Delta R.T.: -0.001 min
Response: 74194
Conc: 0.42 ug/ml



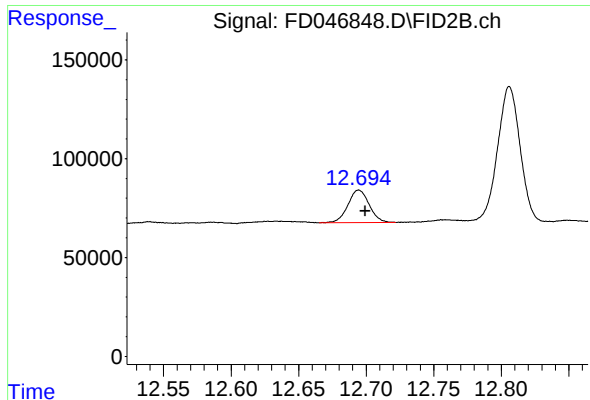
#11 ortho-Terphenyl (SURR)

R.T.: 11.374 min
Delta R.T.: -0.001 min
Response: 5125704
Conc: 24.21 ug/ml



#12 Fluoranthene (C21.85)

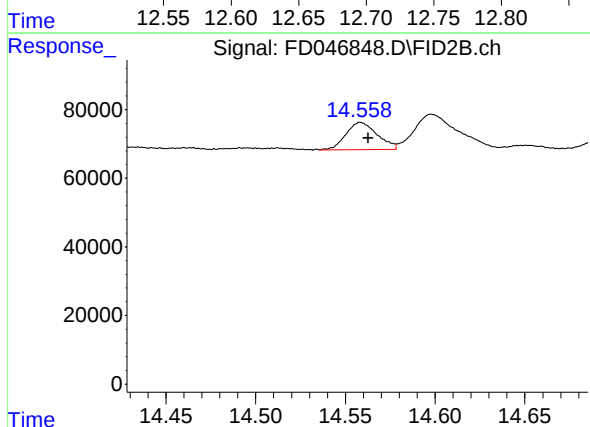
R.T.: 12.401 min
Delta R.T.: -0.004 min
Response: 220777
Conc: 1.28 ug/ml



#13 Pyrene (C20.8)

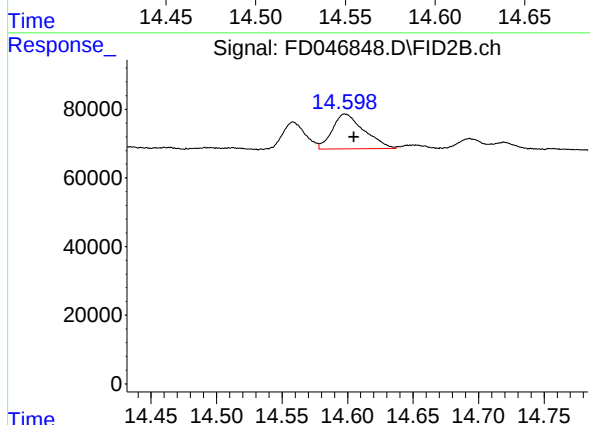
R.T.: 12.695 min
Delta R.T.: -0.004 min
Response: 179548
Conc: 1.08 ug/ml

Instrument :
FID_D
ClientSampleId :



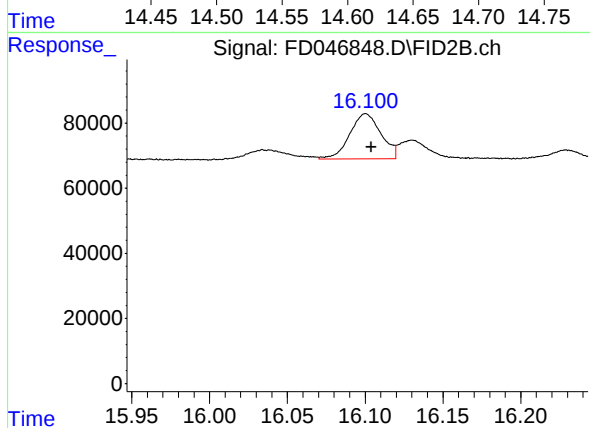
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.559 min
Delta R.T.: -0.004 min
Response: 96777
Conc: 0.69 ug/ml



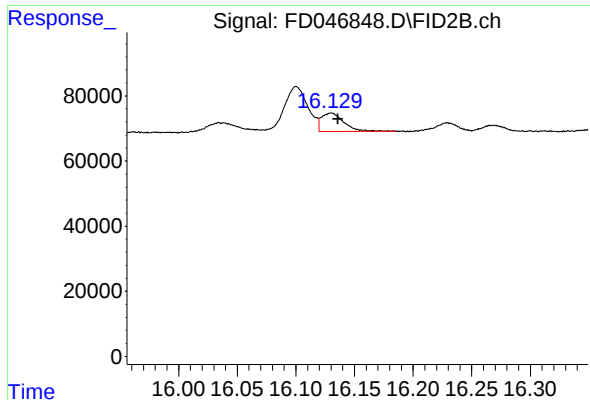
#15 Chrysene (C27.41)

R.T.: 14.599 min
Delta R.T.: -0.006 min
Response: 171984
Conc: 1.10 ug/ml



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

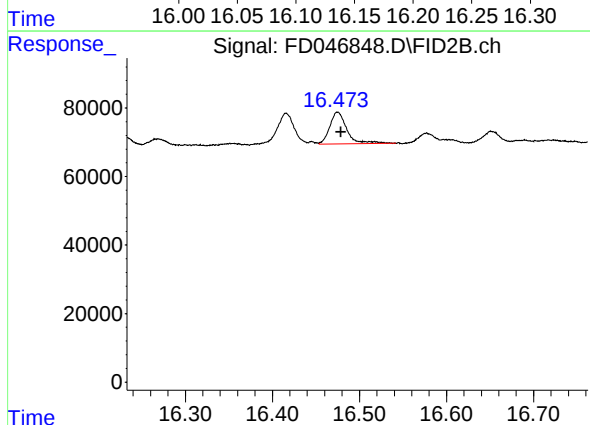
R.T.: 16.100 min
Delta R.T.: -0.004 min
Response: 194324
Conc: 1.36 ug/ml



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

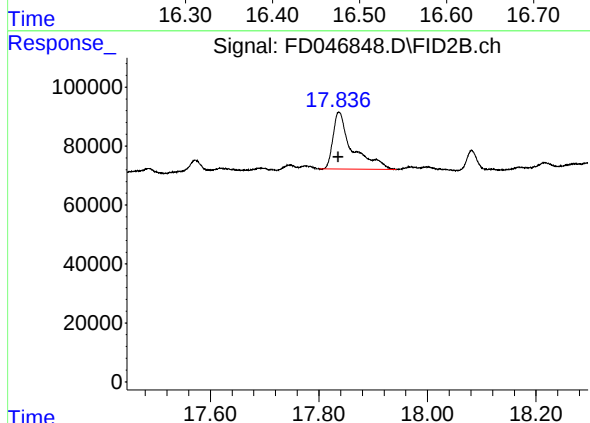
R.T.: 16.130 min
Delta R.T.: -0.006 min
Response: 75670
Conc: 0.52 ug/ml

Instrument :
FID_D
ClientSampleId :



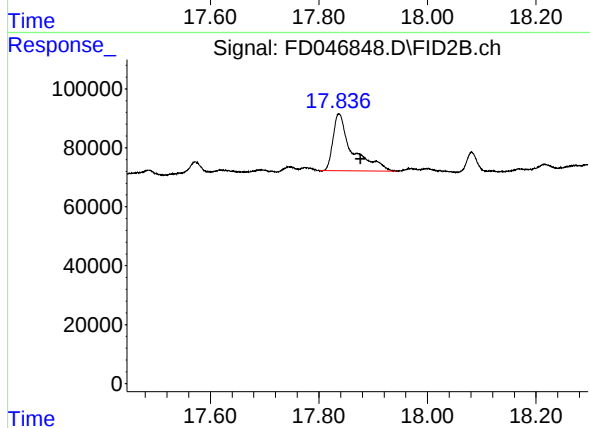
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.475 min
Delta R.T.: -0.004 min
Response: 126631
Conc: 0.90 ug/ml



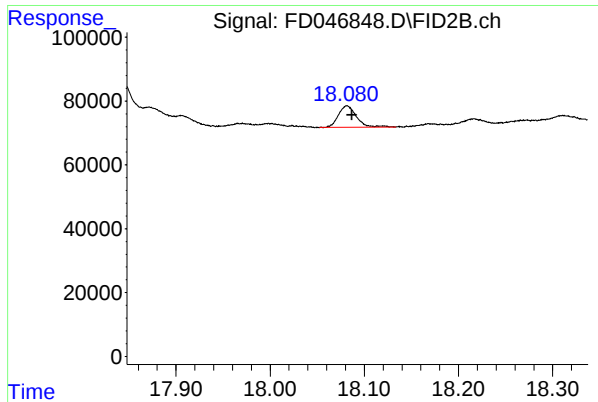
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.837 min
Delta R.T.: 0.001 min
Response: 472850
Conc: 3.74 ug/ml



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

R.T.: 17.837 min
Delta R.T.: -0.040 min
Response: 472850
Conc: 3.38 ug/ml



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

R.T.: 18.082 min
Delta R.T.: -0.005 min
Response: 89667
Conc: 0.64 ug/ml

Instrument :
FID_D
ClientSampleId :