

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092623AR\
 Data File : FD046584.D
 Signal(s) : FID2B.ch
 Acq On : 26 Sep 2023 20:11
 Operator : YP/AJ
 Sample : 04536-03
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 27 01:10:59 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 15 01:47:22 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...	7.492	9695636	55.018 ug/ml
Spiked Amount 50.000		Recovery =	110.04%
6) S 2-Fluorobiphenyl (SURR)	8.346	6415553	55.374 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	110.75%
11) S ortho-Terphenyl (SURR)	11.384	9364567	45.966 ug/ml
Spiked Amount 50.000		Recovery =	91.93%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.265	33680	0.182 ug/ml
3) T 2-Methylnaphthalene (...)	6.889	72272	0.373 ug/ml
7) T Acenaphthene (C15.5)	8.403	45429	0.242 ug/ml
9) T Phenanthrene (C19.36)	10.612	40975	0.233 ug/ml
12) T Fluoranthene (C21.85)	12.410	91516	0.537 ug/ml
13) T Pyrene (C20.8)	12.704	76035	0.463 ug/ml
14) T Benzo[a]anthracene (C...	14.570	30547	0.219 ug/ml
15) T Chrysene (C27.41)	14.621	98659	0.650 ug/ml
16) T benzo[b]fluoranthene ...	16.108	41022	0.299 ug/ml
17) T Bnezo[k]fluoranthene ...	16.108	41022	0.296 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.484	46346	0.346 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.842	72318	0.577 ug/ml
20) T Dibenz[a,h]anthracene...	17.914	87466	0.657 ug/ml
21) T Benzo[g,h,i]perylene ...	18.089	40838	0.310 ug/ml

(f)=RT Delta > 1/2 Window

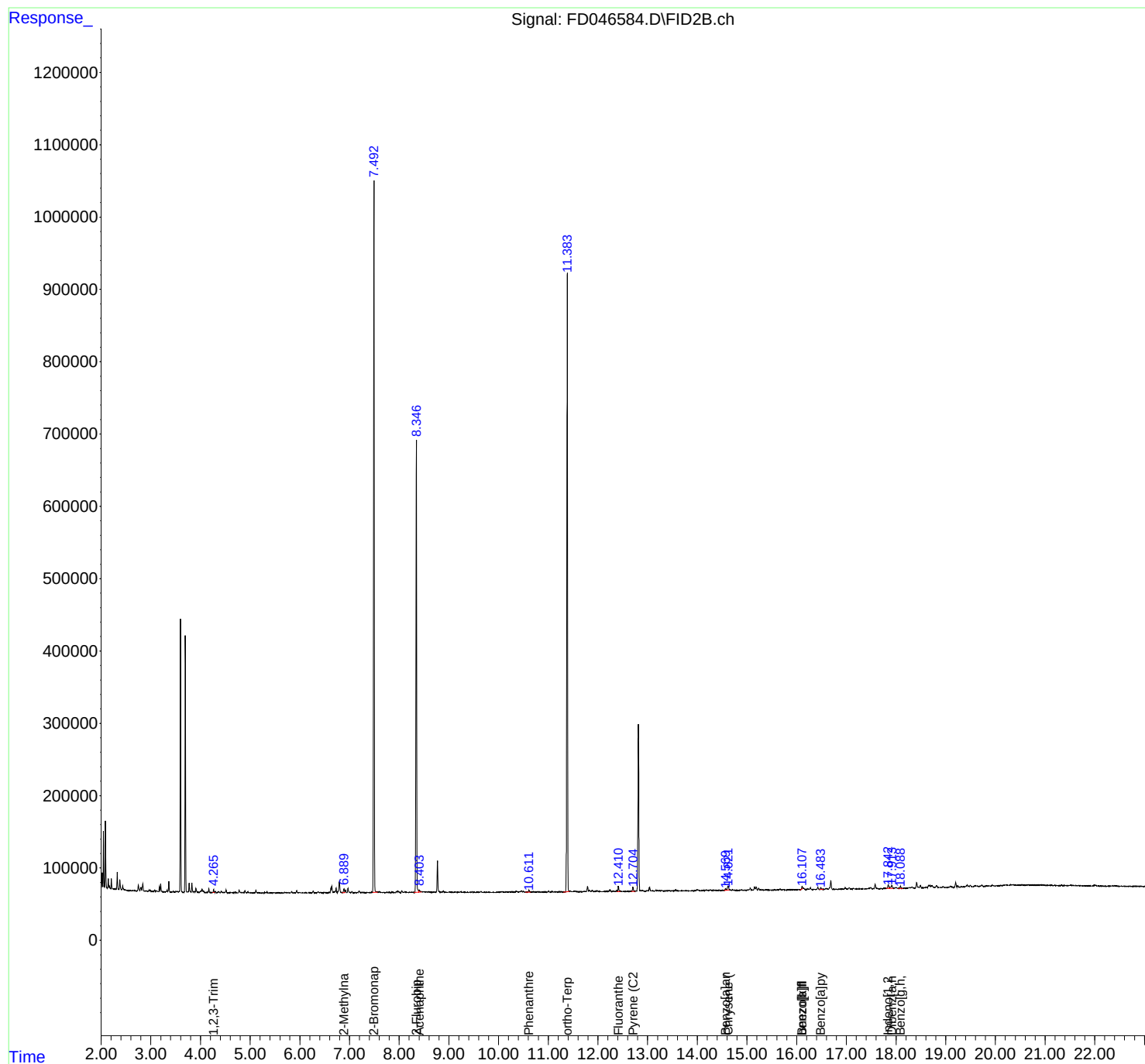
(m)=manual int.

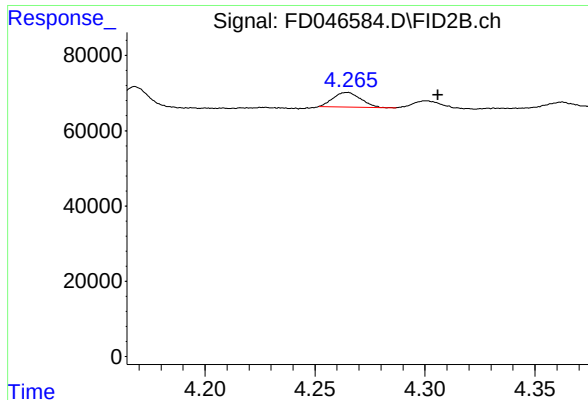
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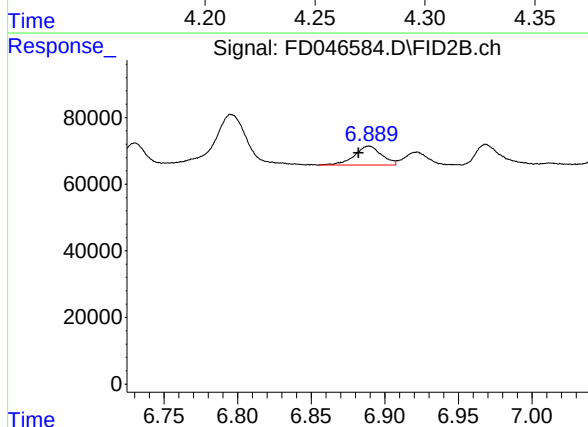




#1 1,2,3-Trimethylbenzene (C10.1)

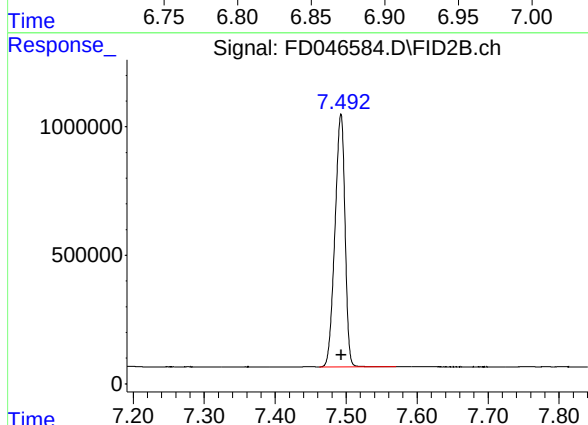
R.T.: 4.265 min
Delta R.T.: -0.041 min
Response: 33680
Conc: 0.18 ug/ml

Instrument :
FID_D
ClientSampleId :



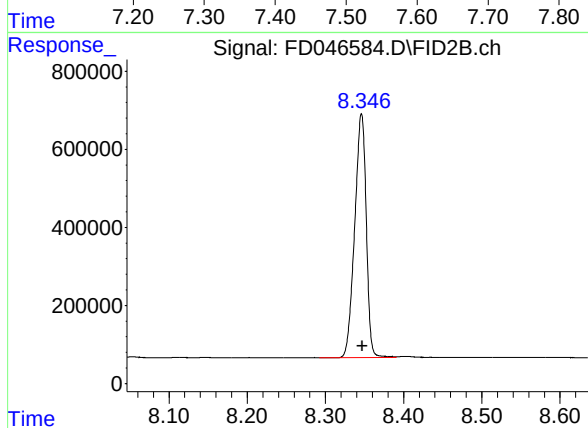
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.889 min
Delta R.T.: 0.007 min
Response: 72272
Conc: 0.37 ug/ml



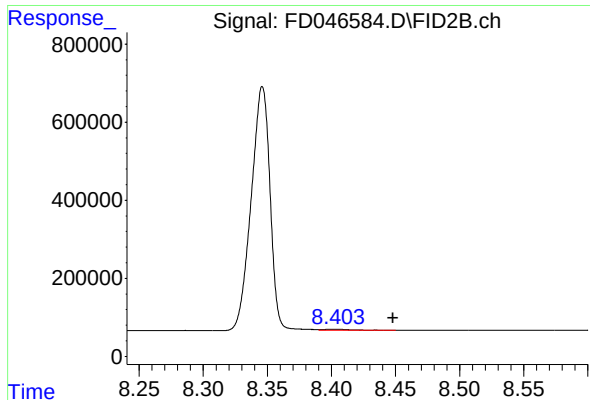
#4 2-Bromonaphthalene (SURR)

R.T.: 7.492 min
Delta R.T.: -0.001 min
Response: 9695636
Conc: 55.02 ug/ml



#6 2-Fluorobiphenyl (SURR)

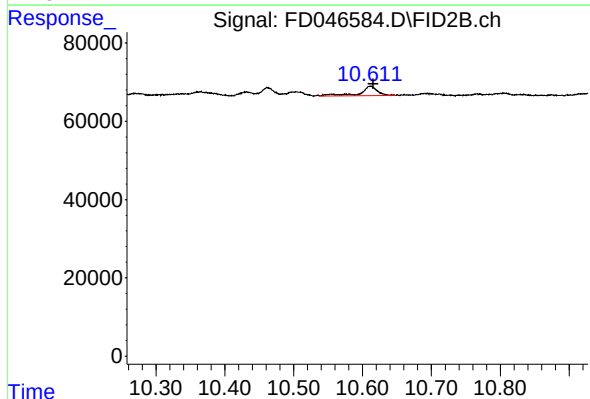
R.T.: 8.346 min
Delta R.T.: -0.001 min
Response: 6415553
Conc: 55.37 ug/ml



#7 Acenaphthene (C15.5)

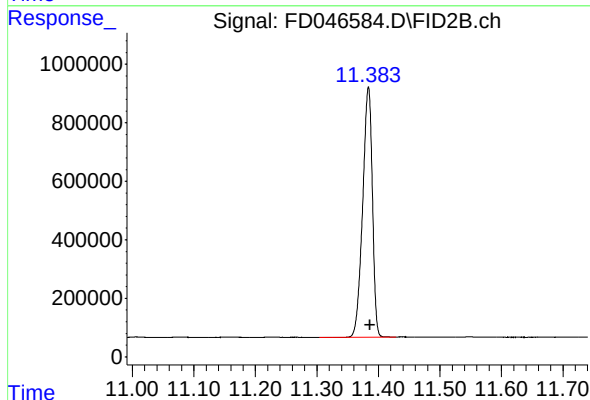
R.T.: 8.403 min
Delta R.T.: -0.045 min
Response: 45429
Conc: 0.24 ug/ml

Instrument :
FID_D
ClientSampleId :



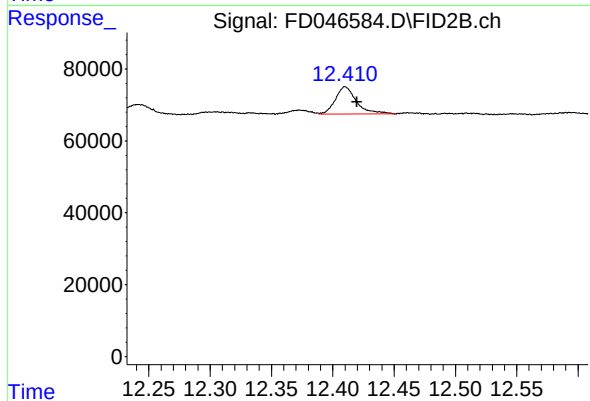
#9 Phenanthrene (C19.36)

R.T.: 10.612 min
Delta R.T.: -0.004 min
Response: 40975
Conc: 0.23 ug/ml



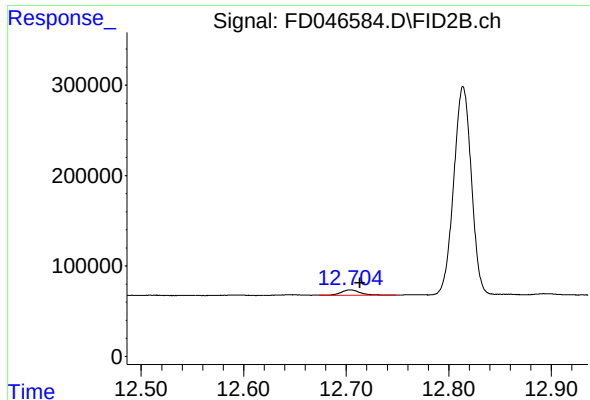
#11 ortho-Terphenyl (SURR)

R.T.: 11.384 min
Delta R.T.: -0.003 min
Response: 9364567
Conc: 45.97 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.410 min
Delta R.T.: -0.009 min
Response: 91516
Conc: 0.54 ug/ml



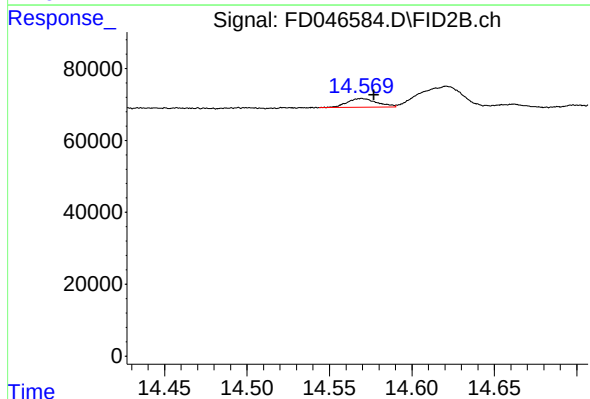
#13 Pyrene (C20.8)

R.T.: 12.704 min
Delta R.T.: -0.009 min
Response: 76035
Conc: 0.46 ug/ml

Instrument :

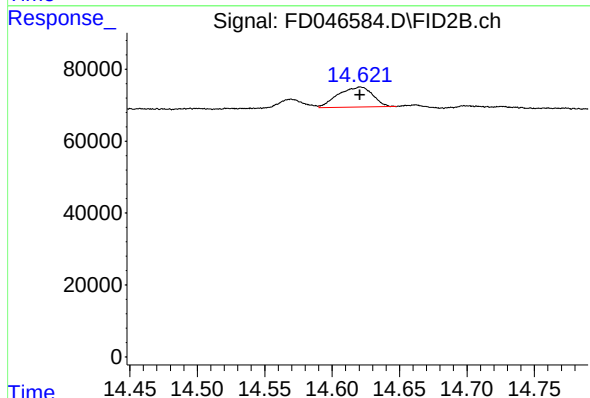
FID_D

ClientSampleId :



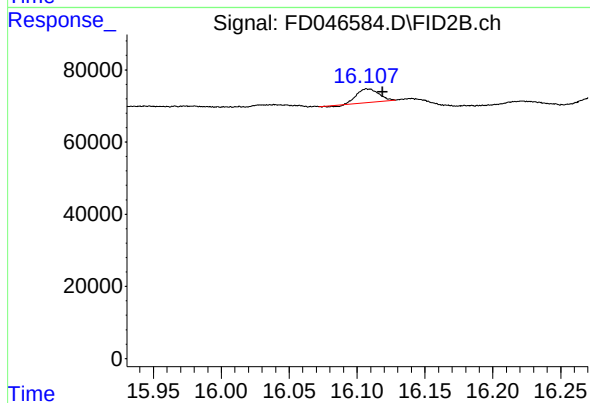
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.570 min
Delta R.T.: -0.007 min
Response: 30547
Conc: 0.22 ug/ml



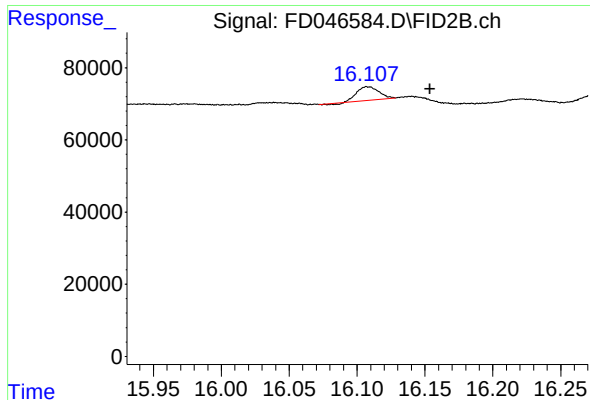
#15 Chrysene (C27.41)

R.T.: 14.621 min
Delta R.T.: 0.000 min
Response: 98659
Conc: 0.65 ug/ml



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

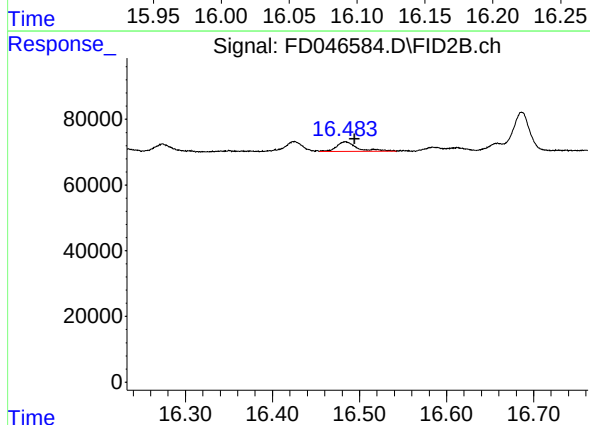
R.T.: 16.108 min
Delta R.T.: -0.011 min
Response: 41022
Conc: 0.30 ug/ml



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

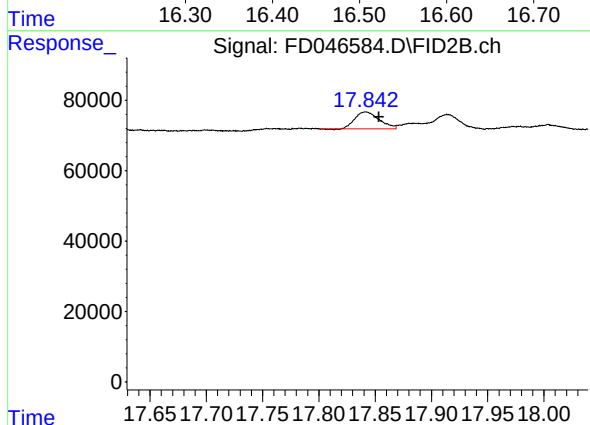
R.T.: 16.108 min
Delta R.T.: -0.046 min
Response: 41022
Conc: 0.30 ug/ml

Instrument :
FID_D
ClientSampleId :



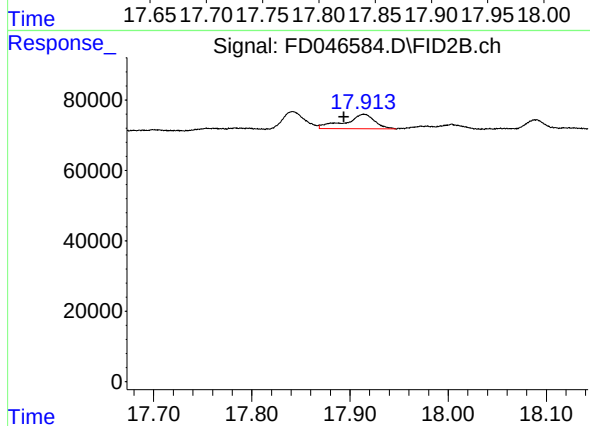
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.484 min
Delta R.T.: -0.011 min
Response: 46346
Conc: 0.35 ug/ml



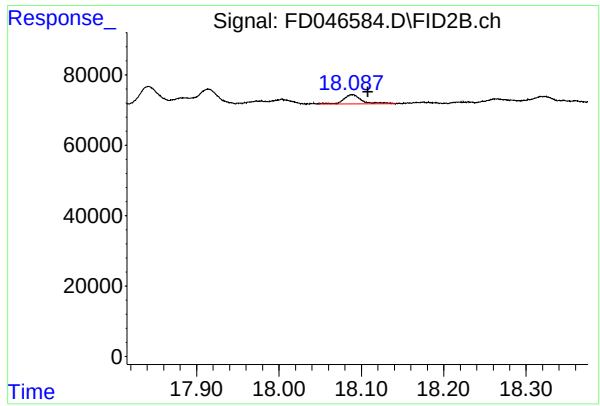
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.842 min
Delta R.T.: -0.012 min
Response: 72318
Conc: 0.58 ug/ml



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

R.T.: 17.914 min
Delta R.T.: 0.020 min
Response: 87466
Conc: 0.66 ug/ml



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

R.T.: 18.089 min
Delta R.T.: -0.019 min
Response: 40838
Conc: 0.31 ug/ml

Instrument :

FID_D

ClientSampleId :