

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022624AR\
 Data File : FD047328.D
 Signal(s) : FID2B.ch
 Acq On : 27 Feb 2024 03:09
 Operator : YP/AJ
 Sample : P1538-14
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 27 04:27:18 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020824.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 08 13:43:49 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...	7.463	5891005	38.695 ug/ml
Spiked Amount 50.000		Recovery =	77.39%
6) S 2-Fluorobiphenyl (SURR)	8.316	3863852	38.226 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	76.45%
11) S ortho-Terphenyl (SURR)	11.353	4501922	25.526 ug/ml
Spiked Amount 50.000		Recovery =	51.05%
Target Compounds			
2) T Naphthalene (C11.7)	5.809	35435	0.213 ug/ml
3) T 2-Methylnaphthalene (...)	6.860	56351	0.334 ug/ml
5) T Acenaphthylene (C15.06)	8.122	34121	0.222 ug/ml
7) T Acenaphthene (C15.5)	8.374	22625	0.137 ug/ml
8) T Flouorene (C16.55)	9.204	35376	0.223 ug/ml
9) T Phenanthrene (C19.36)	10.582	51496	0.331 ug/ml
10) T Anthracene (C19.43)	10.662	31347	0.213 ug/ml
12) T Fluoranthene (C21.85)	12.383	119880	0.774 ug/ml
13) T Pyrene (C20.8)	12.676	118974	0.791 ug/ml
14) T Benzo[a]anthracene (C...	14.543	44985	0.335 ug/ml
15) T Chrysene (C27.41)	14.583	74022	0.506 ug/ml
16) T benzo[b]fluoranthene ...	16.085	69322	0.503 ug/ml
17) T Bnezo[k]fluoranthene ...	16.117	34662	0.250 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.823	173788	1.377 ug/ml
20) T Dibenz[a,h]anthracene...	17.889	62348	0.468 ug/ml
21) T Benzo[g,h,i]perylene ...	18.069	47625	0.359 ug/ml

(f)=RT Delta > 1/2 Window

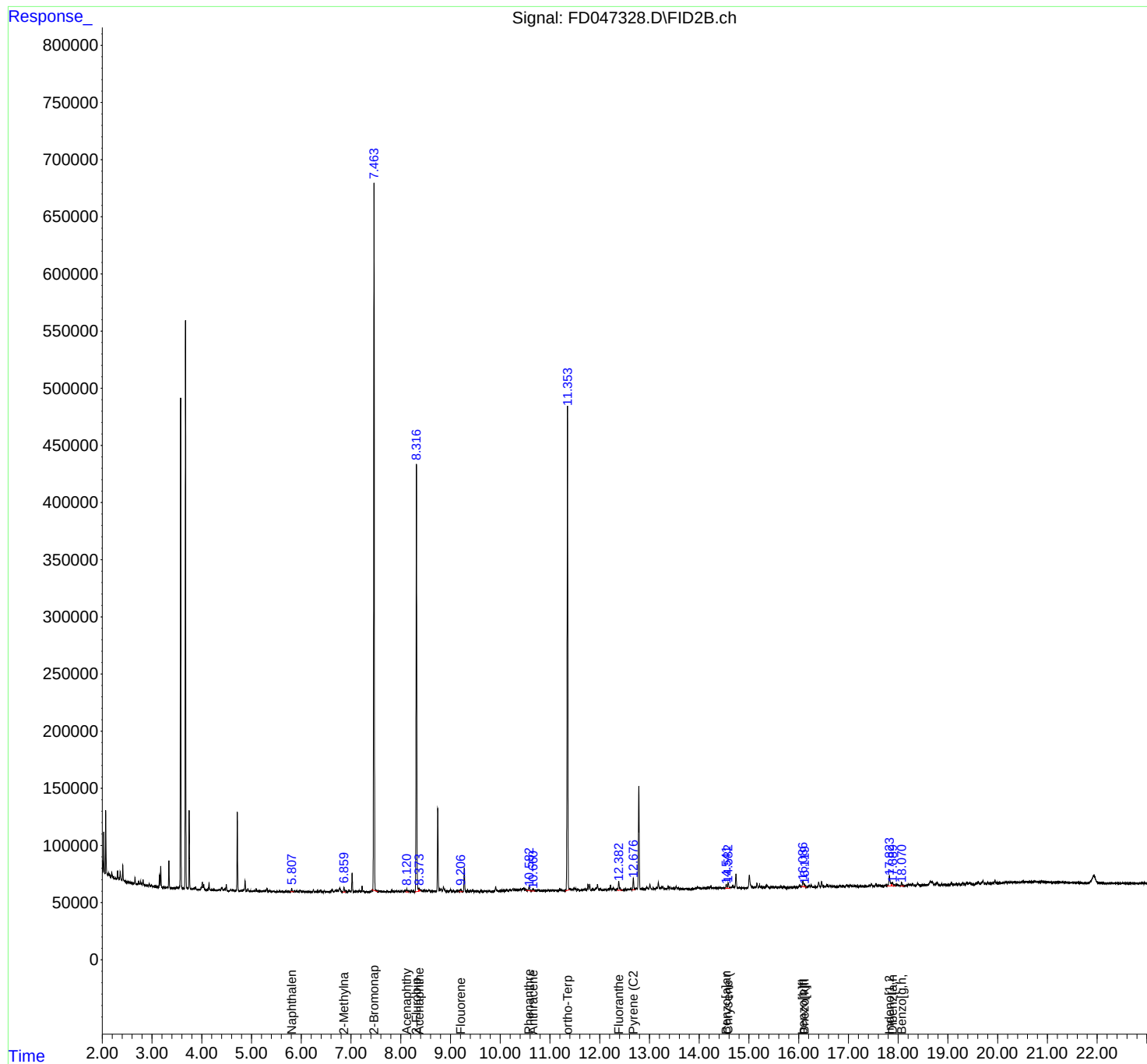
(m)=manual int.

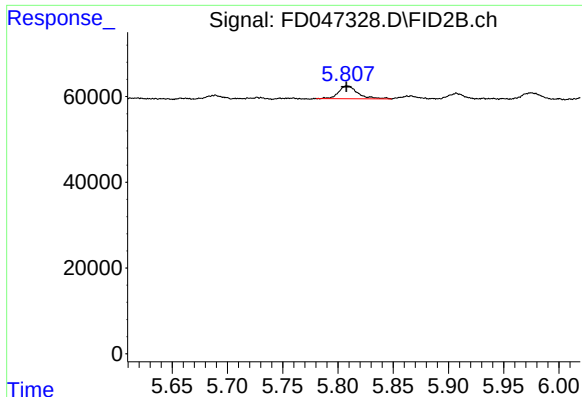
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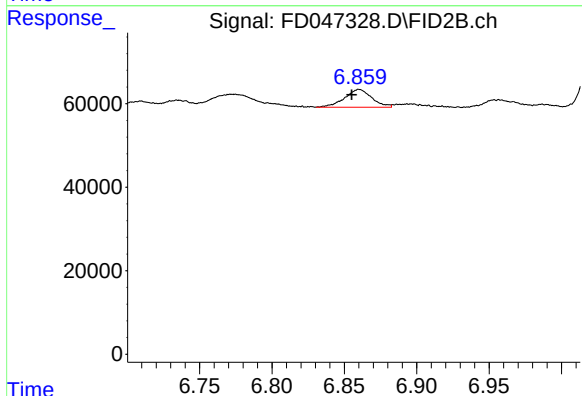




#2 Naphthalene (C11.7)

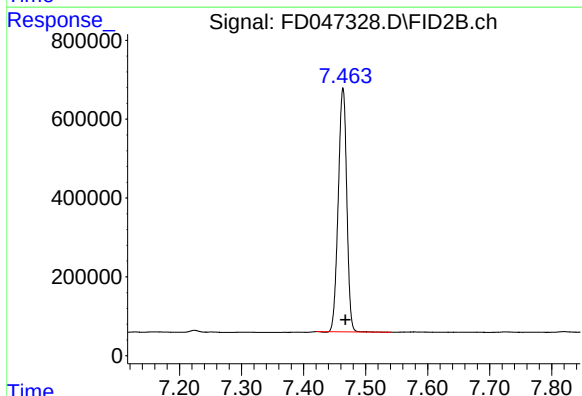
R.T.: 5.809 min
Delta R.T.: 0.000 min
Response: 35435
Conc: 0.21 ug/ml

Instrument :
FID_D
ClientSampleId :



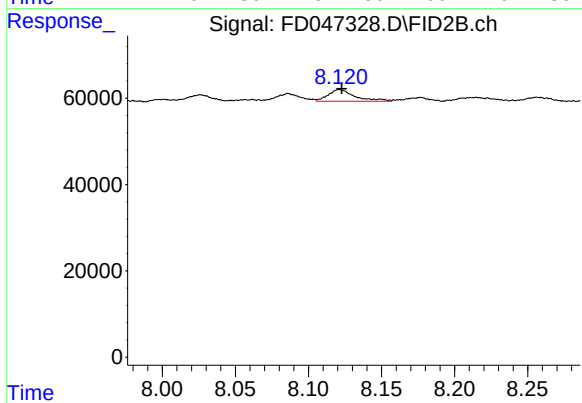
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.860 min
Delta R.T.: 0.005 min
Response: 56351
Conc: 0.33 ug/ml



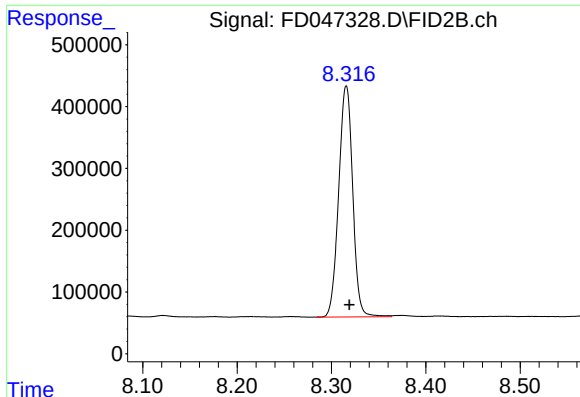
#4 2-Bromonaphthalene (SURR)

R.T.: 7.463 min
Delta R.T.: -0.004 min
Response: 5891005
Conc: 38.70 ug/ml



#5 Acenaphthylene (C15.06)

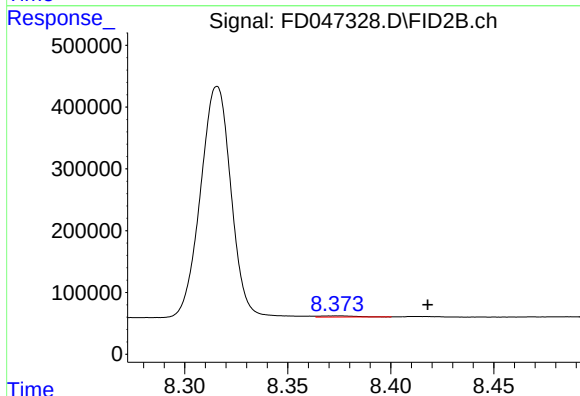
R.T.: 8.122 min
Delta R.T.: -0.001 min
Response: 34121
Conc: 0.22 ug/ml



#6 2-Fluorobiphenyl (SURR)

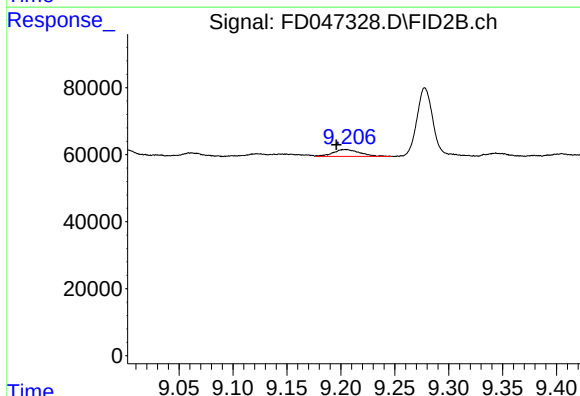
R.T.: 8.316 min
Delta R.T.: -0.004 min
Response: 3863852
Conc: 38.23 ug/ml

Instrument :
FID_D
ClientSampleId :



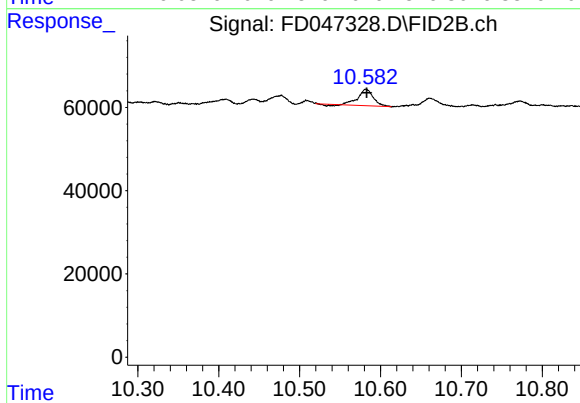
#7 Acenaphthene (C15.5)

R.T.: 8.374 min
Delta R.T.: -0.044 min
Response: 22625
Conc: 0.14 ug/ml



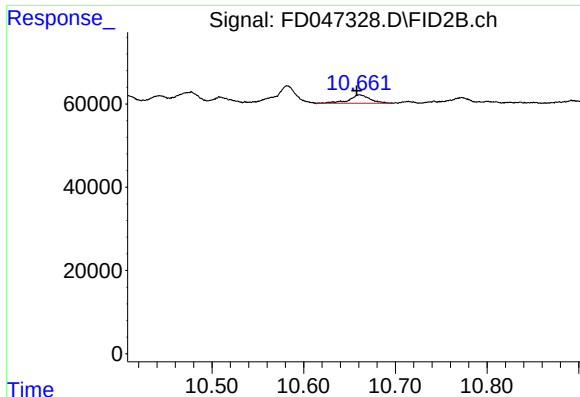
#8 Flouorene (C16.55)

R.T.: 9.204 min
Delta R.T.: 0.008 min
Response: 35376
Conc: 0.22 ug/ml



#9 Phenanthrene (C19.36)

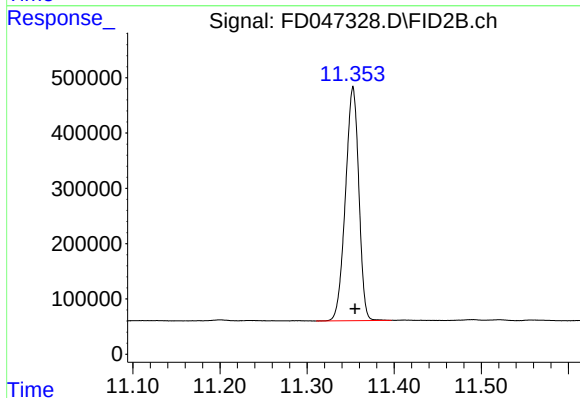
R.T.: 10.582 min
Delta R.T.: 0.000 min
Response: 51496
Conc: 0.33 ug/ml



#10 Anthracene (C19.43)

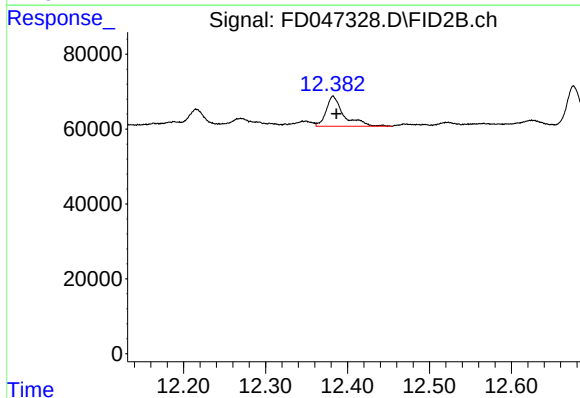
R.T.: 10.662 min
Delta R.T.: 0.004 min
Response: 31347
Conc: 0.21 ug/ml

Instrument :
FID_D
ClientSampleId :



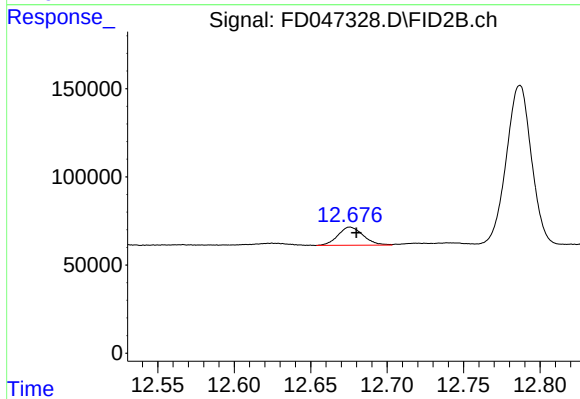
#11 ortho-Terphenyl (SURR)

R.T.: 11.353 min
Delta R.T.: -0.003 min
Response: 4501922
Conc: 25.53 ug/ml



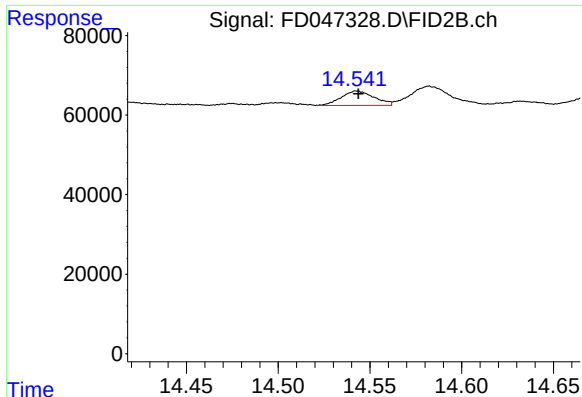
#12 Fluoranthene (C21.85)

R.T.: 12.383 min
Delta R.T.: -0.004 min
Response: 119880
Conc: 0.77 ug/ml



#13 Pyrene (C20.8)

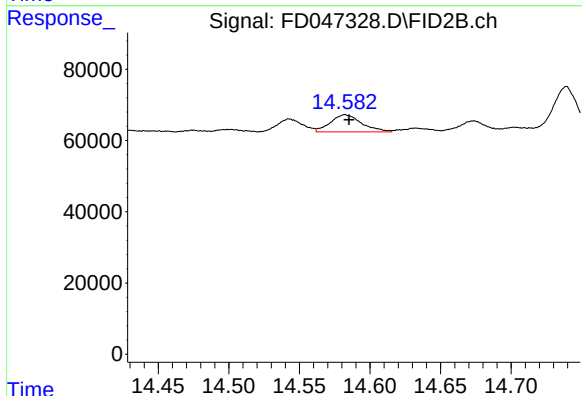
R.T.: 12.676 min
Delta R.T.: -0.004 min
Response: 118974
Conc: 0.79 ug/ml



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

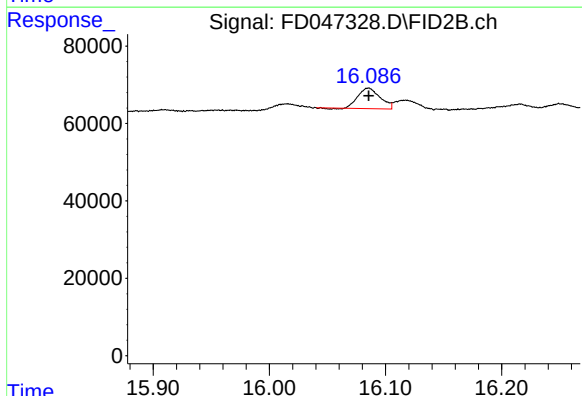
R.T.: 14.543 min
Delta R.T.: 0.000 min
Response: 44985
Conc: 0.33 ug/ml

Instrument :
FID_D
ClientSampleId :



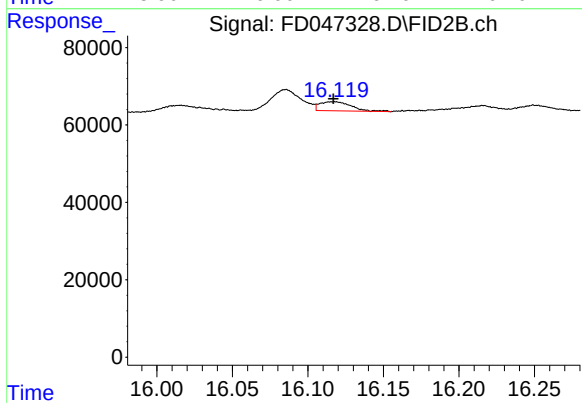
#15 Chrysene (C27.41)

R.T.: 14.583 min
Delta R.T.: -0.002 min
Response: 74022
Conc: 0.51 ug/ml



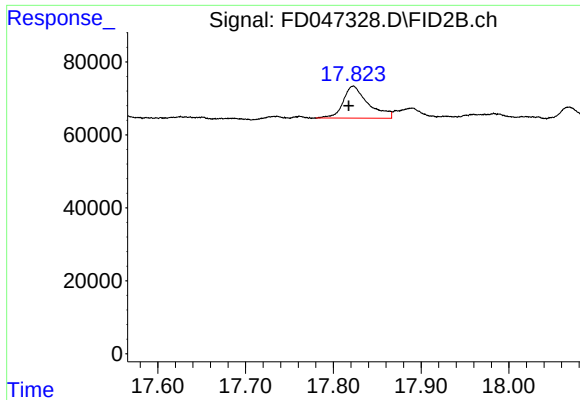
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.085 min
Delta R.T.: 0.000 min
Response: 69322
Conc: 0.50 ug/ml



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

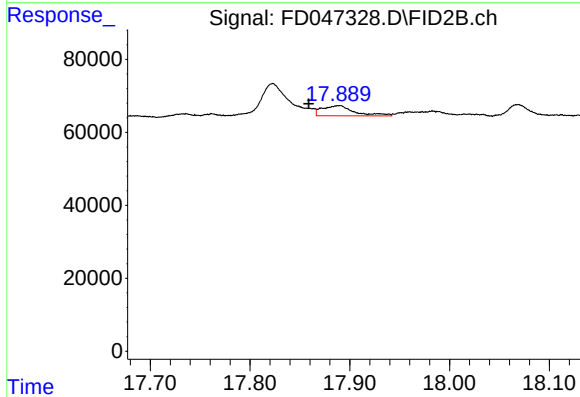
R.T.: 16.117 min
Delta R.T.: 0.000 min
Response: 34662
Conc: 0.25 ug/ml



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

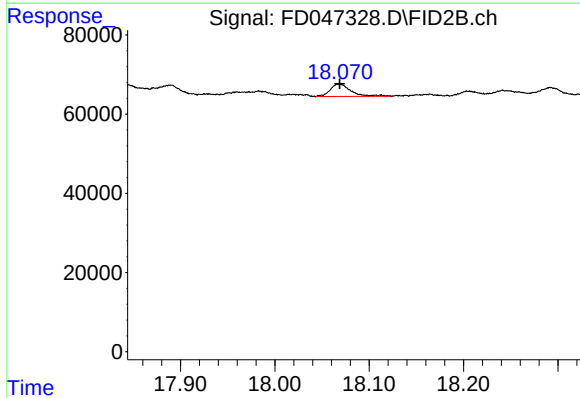
R.T.: 17.823 min
Delta R.T.: 0.005 min
Response: 173788
Conc: 1.38 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 17.889 min
Delta R.T.: 0.030 min
Response: 62348
Conc: 0.47 ug/ml



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

R.T.: 18.069 min
Delta R.T.: 0.000 min
Response: 47625
Conc: 0.36 ug/ml