

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070522AR\
 Data File : FD043169.D
 Signal(s) : FID2B.ch
 Acq On : 06 Jul 2022 01:22
 Operator : YP/AJ
 Sample : N3564-19
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 06 05:29:44 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 25 04:47:50 2022
 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...	7.628	7018605	45.455 ug/ml
Spiked Amount 50.000		Recovery =	90.91%
6) S 2-Fluorobiphenyl (SURR)	8.491	4692113	44.486 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	88.97%
11) S ortho-Terphenyl (SURR)	11.536	5075565	27.926 ug/ml
Spiked Amount 50.000		Recovery =	55.85%
Target Compounds			
2) T Naphthalene (C11.7)	5.961	32595	0.186 ug/ml
3) T 2-Methylnaphthalene (...)	7.014	73475	0.457 ug/ml
7) T Acenaphthene (C15.5)	8.584	71472	0.408 ug/ml
8) T Fluorene (C16.55)	9.394	45340	0.262 ug/ml
9) T Phenanthrene (C19.36)	10.765	271932	1.586 ug/ml
10) T Anthracene (C19.43)	10.838	139351	0.820 ug/ml
12) T Fluoranthene (C21.85)	12.577	291158	1.736 ug/ml
14) T Benzo[a]anthracene (C...	14.786	169288	1.090 ug/ml
15) T Chrysene (C27.41)	14.819	128197	0.812 ug/ml
16) T benzo[b]fluoranthene ...	16.301	375318	2.462 ug/ml
17) T Bnezo[k]fluoranthene ...	16.400	127773	0.873 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.674	218809	1.530 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.040	168114	1.343 ug/ml
20) T Dibenz[a,h]anthracene...	18.090	97840	0.728 ug/ml
21) T Benzo[g,h,i]perylene ...	18.291	255397	1.958 ug/ml

(f)=RT Delta > 1/2 Window

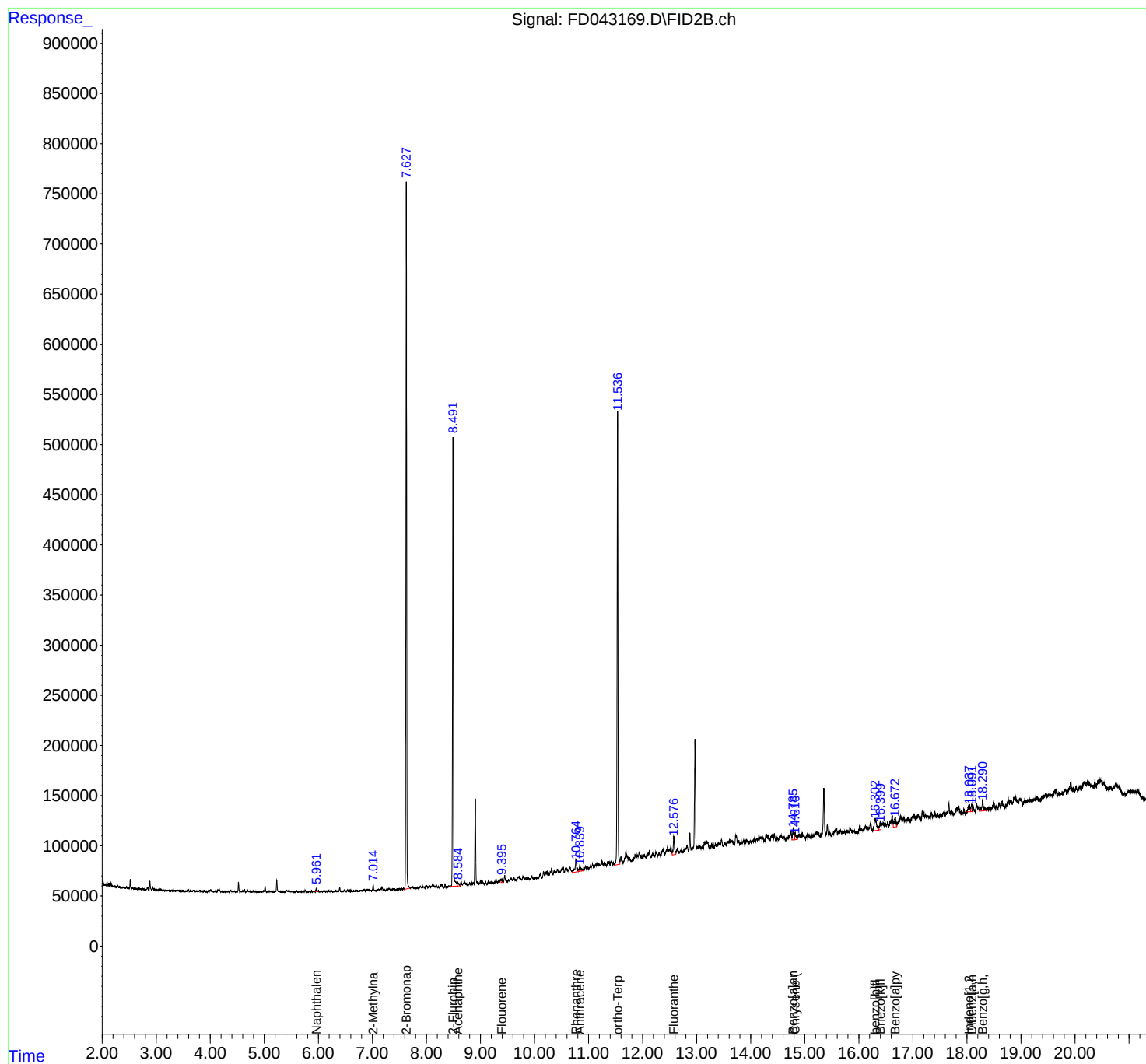
(m)=manual int.

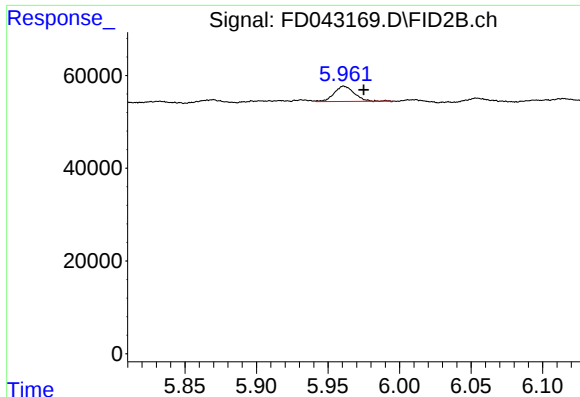
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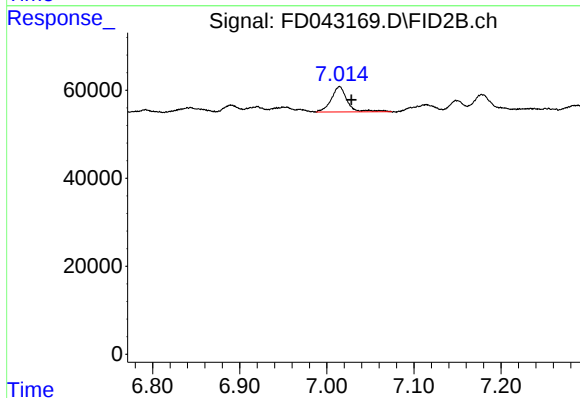




#2 Naphthalene (C11.7)

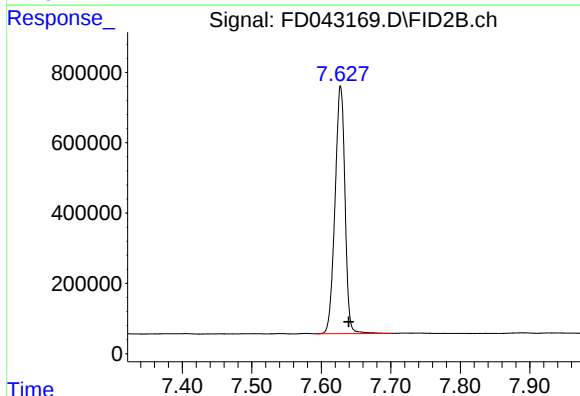
R.T.: 5.961 min
Delta R.T.: -0.014 min
Response: 32595
Conc: 0.19 ug/ml

Instrument :
FID_D
ClientSampleId :



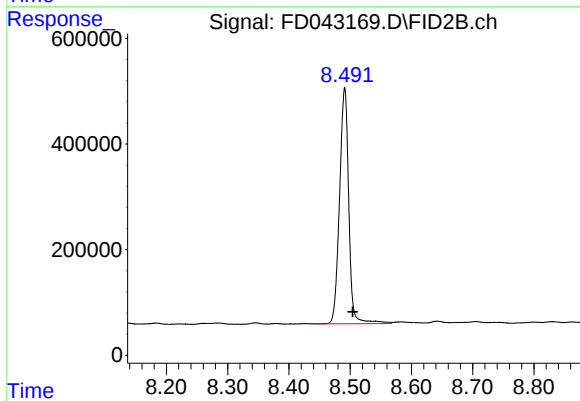
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.014 min
Delta R.T.: -0.014 min
Response: 73475
Conc: 0.46 ug/ml



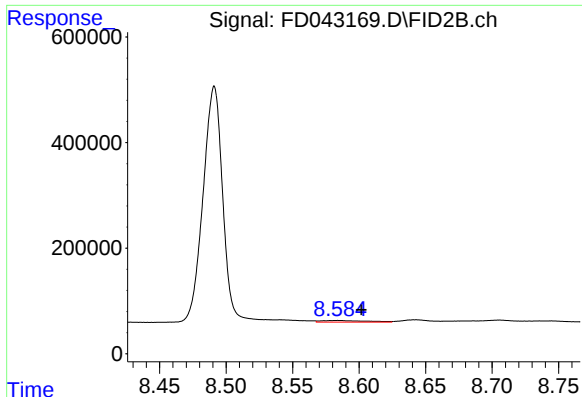
#4 2-Bromonaphthalene (SURR)

R.T.: 7.628 min
Delta R.T.: -0.012 min
Response: 7018605
Conc: 45.45 ug/ml



#6 2-Fluorobiphenyl (SURR)

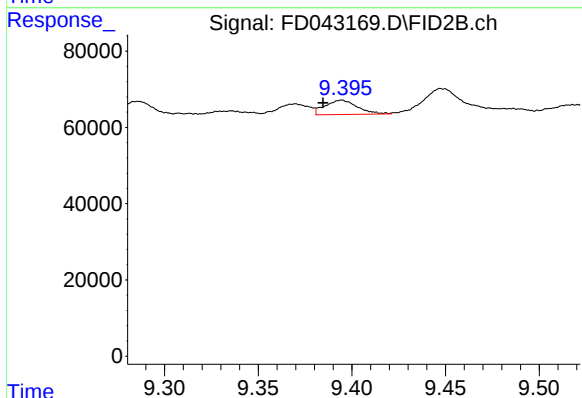
R.T.: 8.491 min
Delta R.T.: -0.013 min
Response: 4692113
Conc: 44.49 ug/ml



#7 Acenaphthene (C15.5)

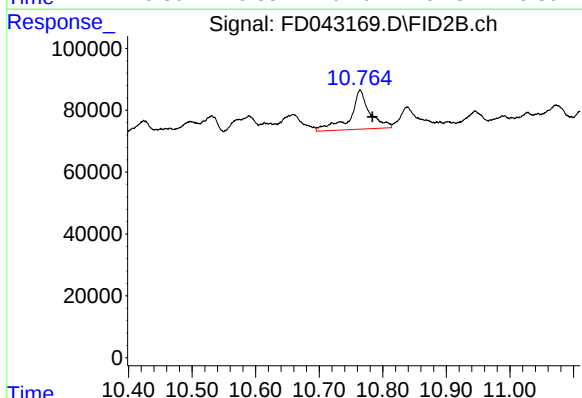
R.T.: 8.584 min
Delta R.T.: -0.018 min
Response: 71472
Conc: 0.41 ug/ml

Instrument :
FID_D
ClientSampleId :



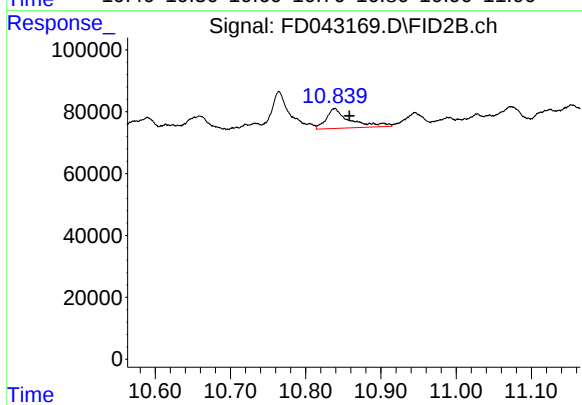
#8 Flouorene (C16.55)

R.T.: 9.394 min
Delta R.T.: 0.010 min
Response: 45340
Conc: 0.26 ug/ml



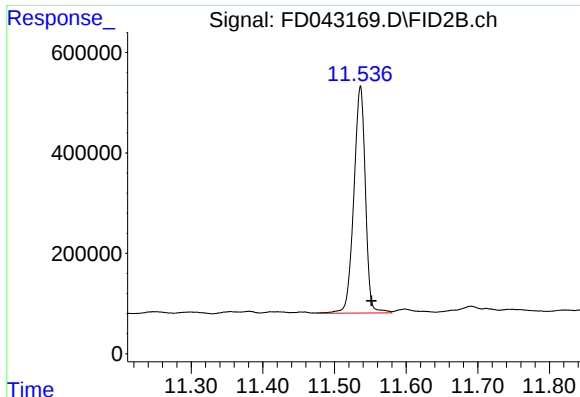
#9 Phenanthrene (C19.36)

R.T.: 10.765 min
Delta R.T.: -0.019 min
Response: 271932
Conc: 1.59 ug/ml



#10 Anthracene (C19.43)

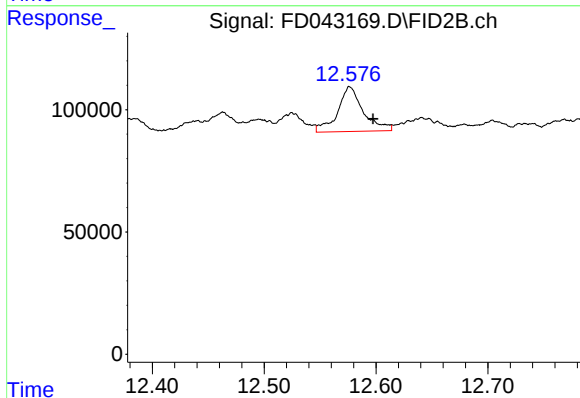
R.T.: 10.838 min
Delta R.T.: -0.020 min
Response: 139351
Conc: 0.82 ug/ml



#11 ortho-Terphenyl (SURR)

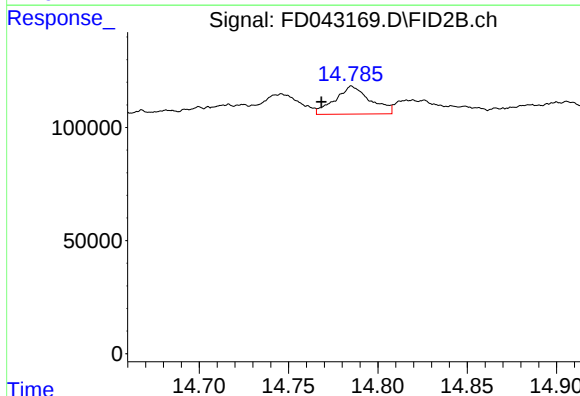
R.T.: 11.536 min
Delta R.T.: -0.015 min
Response: 5075565
Conc: 27.93 ug/ml

Instrument :
FID_D
ClientSampleId :



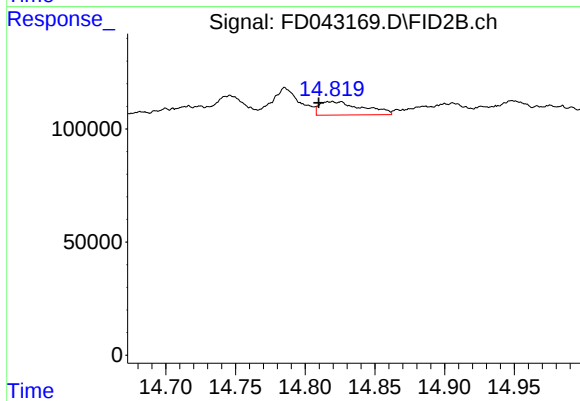
#12 Fluoranthene (C21.85)

R.T.: 12.577 min
Delta R.T.: -0.021 min
Response: 291158
Conc: 1.74 ug/ml



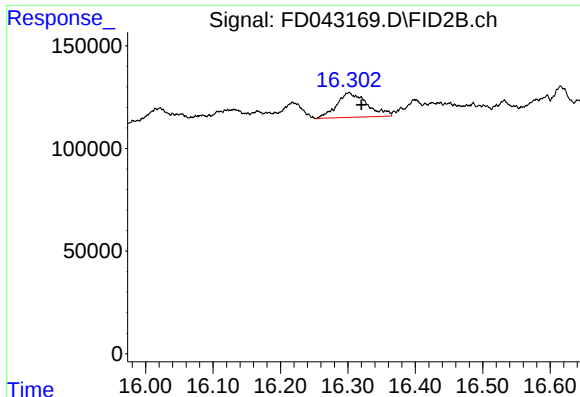
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.786 min
Delta R.T.: 0.017 min
Response: 169288
Conc: 1.09 ug/ml



#15 Chrysene (C27.41)

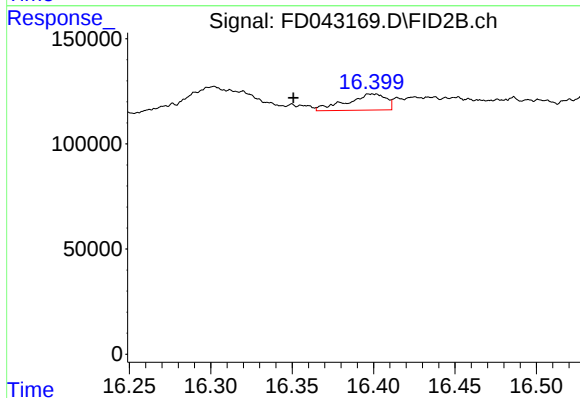
R.T.: 14.819 min
Delta R.T.: 0.009 min
Response: 128197
Conc: 0.81 ug/ml



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

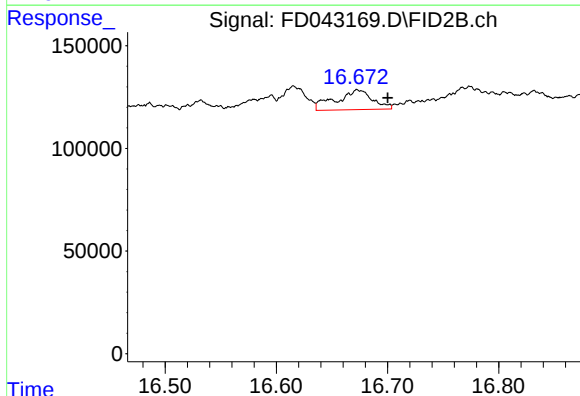
R.T.: 16.301 min
Delta R.T.: -0.019 min
Response: 375318
Conc: 2.46 ug/ml

Instrument :
FID_D
ClientSampleId :



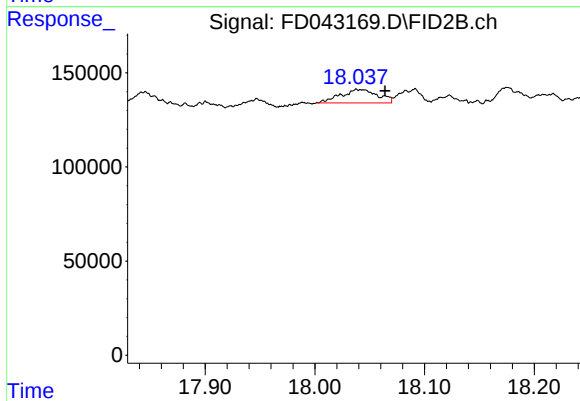
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.400 min
Delta R.T.: 0.049 min
Response: 127773
Conc: 0.87 ug/ml



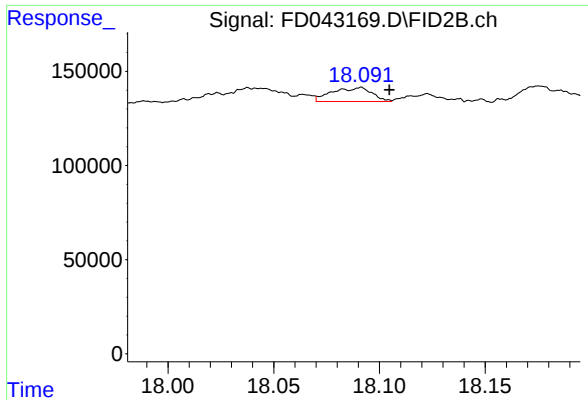
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.674 min
Delta R.T.: -0.026 min
Response: 218809
Conc: 1.53 ug/ml



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

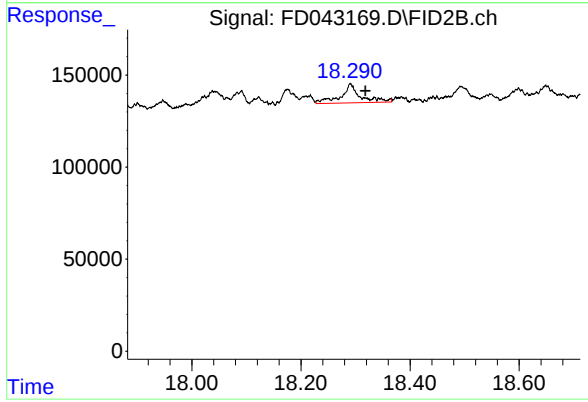
R.T.: 18.040 min
Delta R.T.: -0.024 min
Response: 168114
Conc: 1.34 ug/ml



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

R.T.: 18.090 min
Delta R.T.: -0.015 min
Response: 97840
Conc: 0.73 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.291 min
Delta R.T.: -0.027 min
Response: 255397
Conc: 1.96 ug/ml