

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022224AR\
 Data File : FD047289.D
 Signal(s) : FID2B.ch
 Acq On : 23 Feb 2024 02:46
 Operator : YP/AJ
 Sample : P1523-08
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 23 04:18:59 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...	7.467	9208833	60.488 ug/ml
Spiked Amount 50.000		Recovery =	120.98%
6) S 2-Fluorobiphenyl (SURR)	8.319	5691137	56.304 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	112.61%
11) S ortho-Terphenyl (SURR)	11.359	8977939	50.904 ug/ml
Spiked Amount 50.000		Recovery =	101.81%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.245	16584	0.105 ug/ml
2) T Naphthalene (C11.7)	5.807	52632	0.317 ug/ml
3) T 2-Methylnaphthalene (...)	6.863	84789	0.503 ug/ml
5) T Acenaphthylene (C15.06)	8.124	44402	0.288 ug/ml
7) T Acenaphthene (C15.5)	8.422	24241	0.147 ug/ml
8) T Flouorene (C16.55)	9.207	40777	0.257 ug/ml
9) T Phenanthrene (C19.36)	10.583	36899	0.238 ug/ml
12) T Fluoranthene (C21.85)	12.386	92600	0.598 ug/ml
13) T Pyrene (C20.8)	12.679	78475	0.522 ug/ml
14) T Benzo[a]anthracene (C...	14.547	36616	0.272 ug/ml
15) T Chrysene (C27.41)	14.587	66615	0.455 ug/ml
16) T benzo[b]fluoranthene ...	16.090	27286	0.198 ug/ml
17) T Bnezo[k]fluoranthene ...	16.090	27286	0.197 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.466	14676	0.108 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.827	341525	2.705 ug/ml
20) T Dibenz[a,h]anthracene...	17.827	341525	2.563 ug/ml
21) T Benzo[g,h,i]perylene ...	18.075	39424	0.297 ug/ml

(f)=RT Delta > 1/2 Window

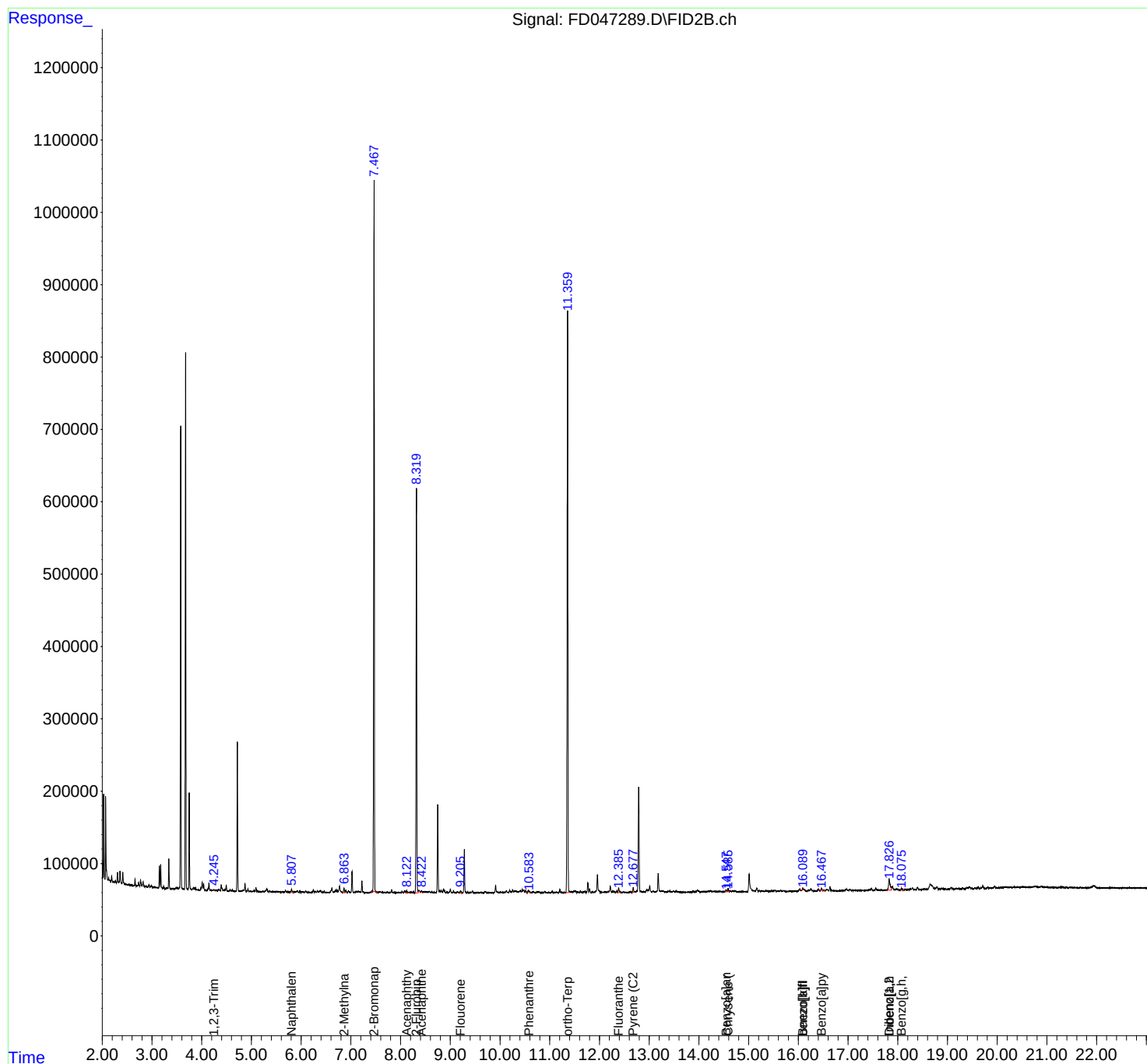
(m)=manual int.

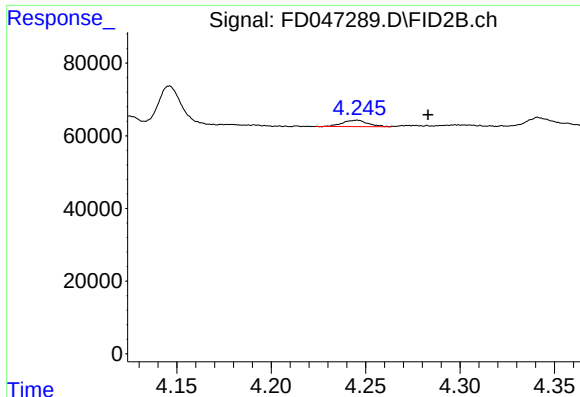
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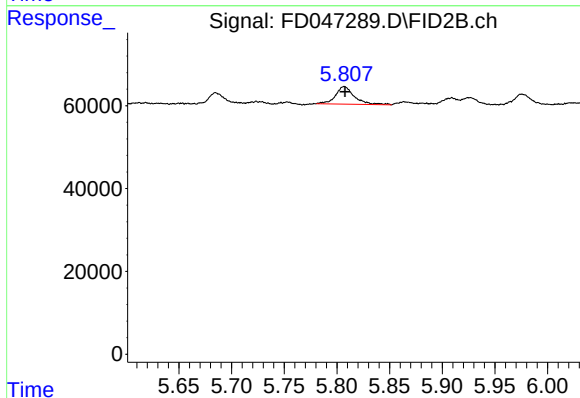




#1 1,2,3-Trimethylbenzene (C10.1)

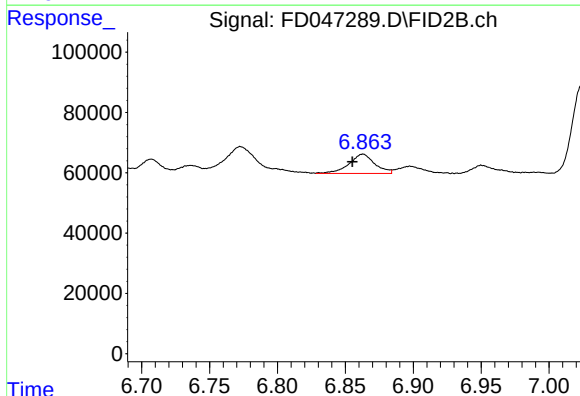
R.T.: 4.245 min
Delta R.T.: -0.038 min
Response: 16584
Conc: 0.11 ug/ml

Instrument :
FID_D
ClientSampleId :



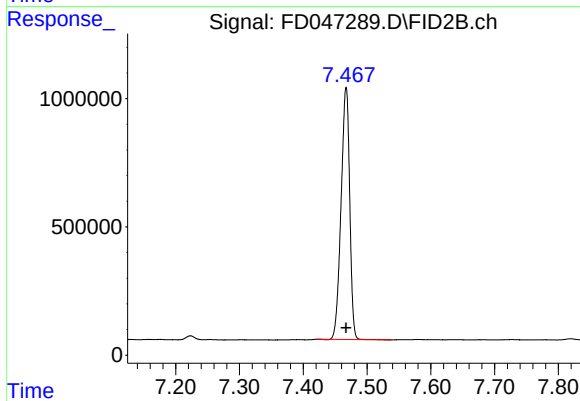
#2 Naphthalene (C11.7)

R.T.: 5.807 min
Delta R.T.: 0.000 min
Response: 52632
Conc: 0.32 ug/ml



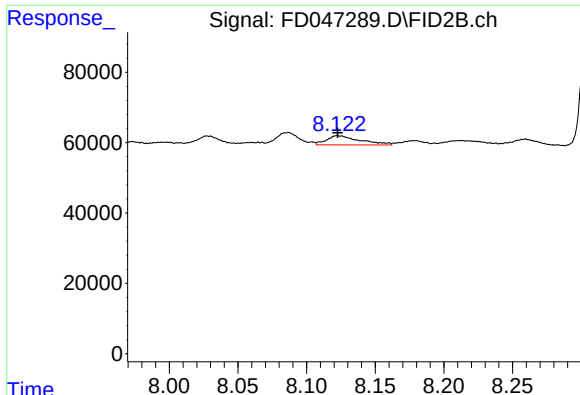
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.863 min
Delta R.T.: 0.008 min
Response: 84789
Conc: 0.50 ug/ml



#4 2-Bromonaphthalene (SURR)

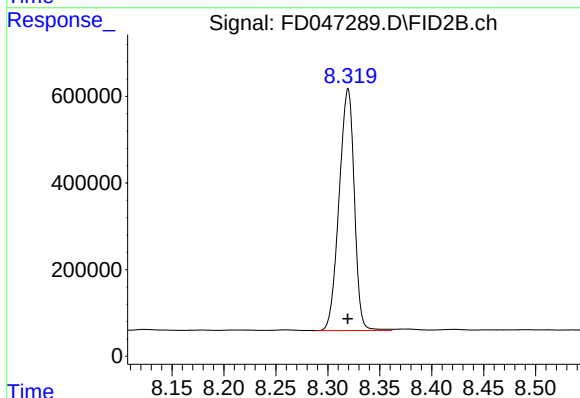
R.T.: 7.467 min
Delta R.T.: 0.000 min
Response: 9208833
Conc: 60.49 ug/ml



#5 Acenaphthylene (C15.06)

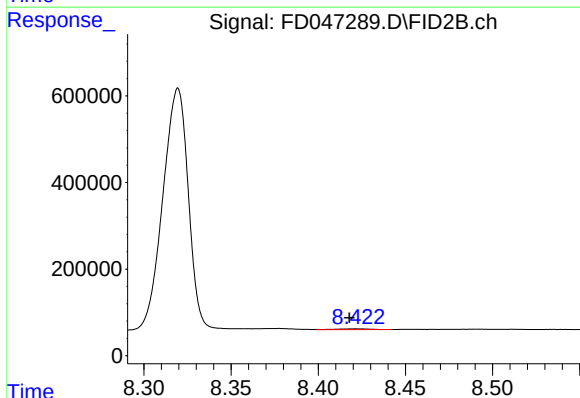
R.T.: 8.124 min
Delta R.T.: 0.000 min
Response: 44402
Conc: 0.29 ug/ml

Instrument :
FID_D
ClientSampleId :



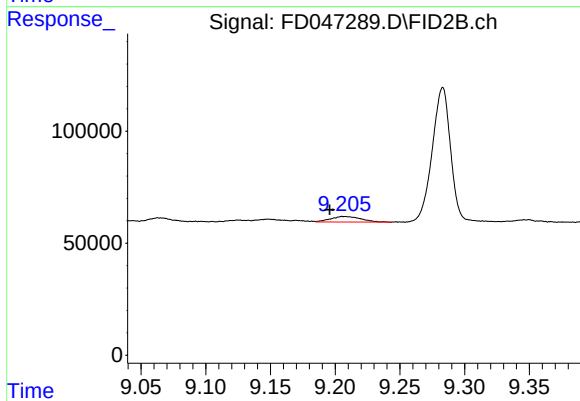
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.319 min
Delta R.T.: 0.000 min
Response: 5691137
Conc: 56.30 ug/ml



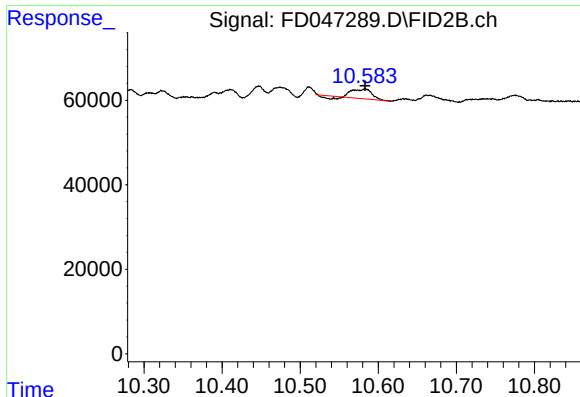
#7 Acenaphthene (C15.5)

R.T.: 8.422 min
Delta R.T.: 0.004 min
Response: 24241
Conc: 0.15 ug/ml



#8 Flouorene (C16.55)

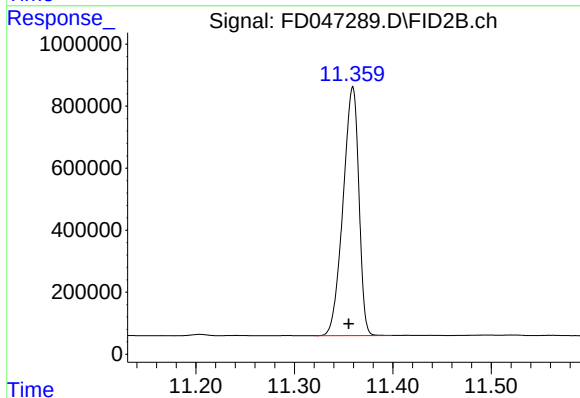
R.T.: 9.207 min
Delta R.T.: 0.012 min
Response: 40777
Conc: 0.26 ug/ml



#9 Phenanthrene (C19.36)

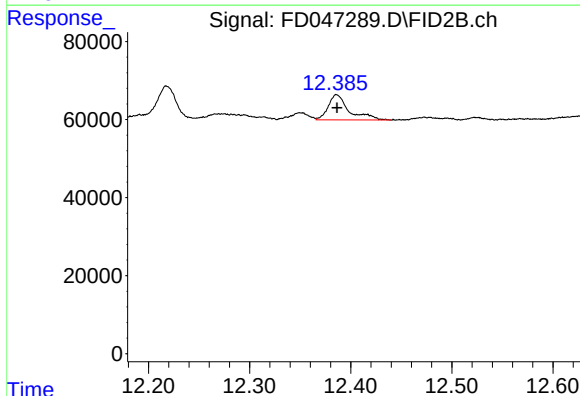
R.T.: 10.583 min
Delta R.T.: 0.000 min
Response: 36899
Conc: 0.24 ug/ml

Instrument :
FID_D
ClientSampleId :



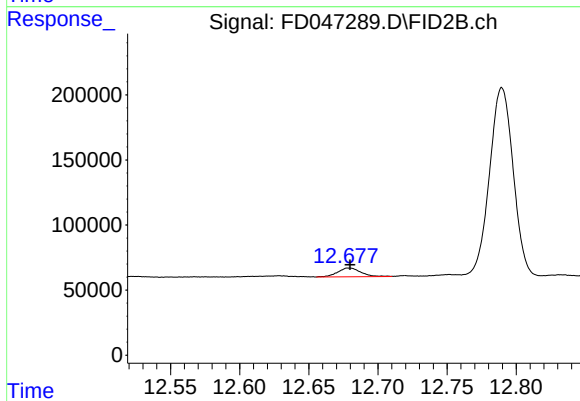
#11 ortho-Terphenyl (SURR)

R.T.: 11.359 min
Delta R.T.: 0.004 min
Response: 8977939
Conc: 50.90 ug/ml



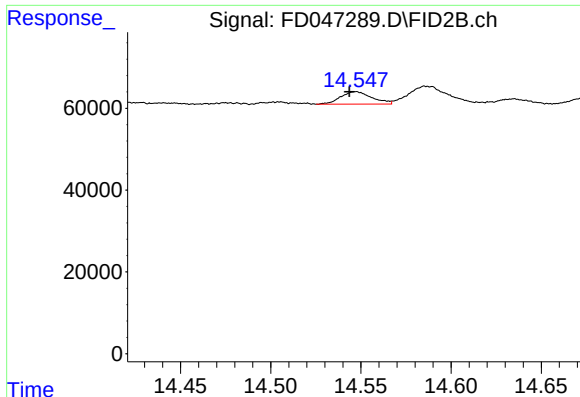
#12 Fluoranthene (C21.85)

R.T.: 12.386 min
Delta R.T.: 0.000 min
Response: 92600
Conc: 0.60 ug/ml



#13 Pyrene (C20.8)

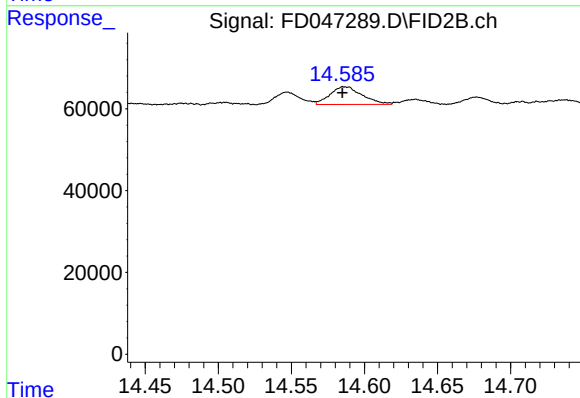
R.T.: 12.679 min
Delta R.T.: 0.000 min
Response: 78475
Conc: 0.52 ug/ml



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

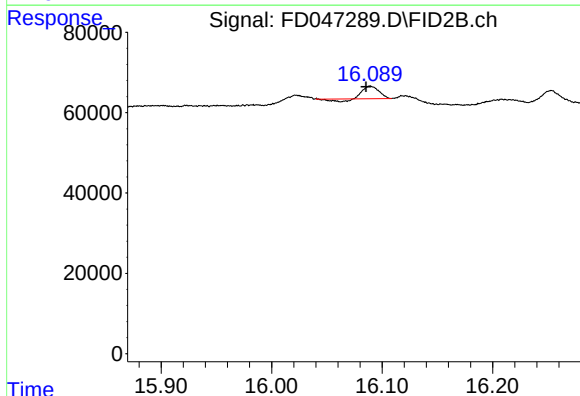
R.T.: 14.547 min
Delta R.T.: 0.003 min
Response: 36616
Conc: 0.27 ug/ml

Instrument :
FID_D
ClientSampleId :



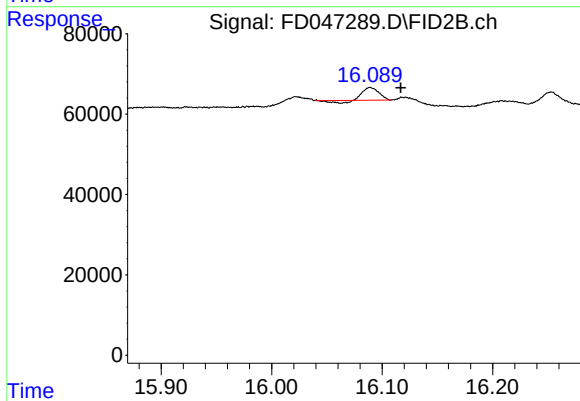
#15 Chrysene (C27.41)

R.T.: 14.587 min
Delta R.T.: 0.002 min
Response: 66615
Conc: 0.45 ug/ml



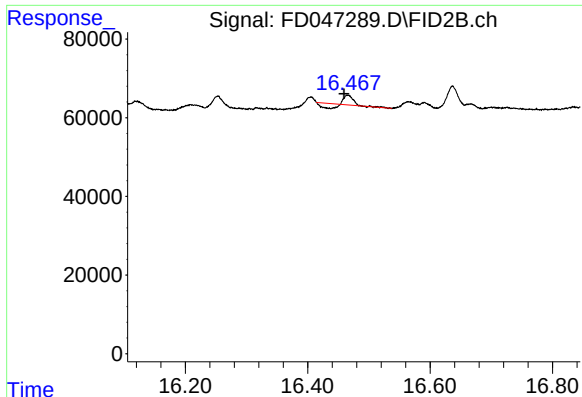
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.090 min
Delta R.T.: 0.004 min
Response: 27286
Conc: 0.20 ug/ml



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

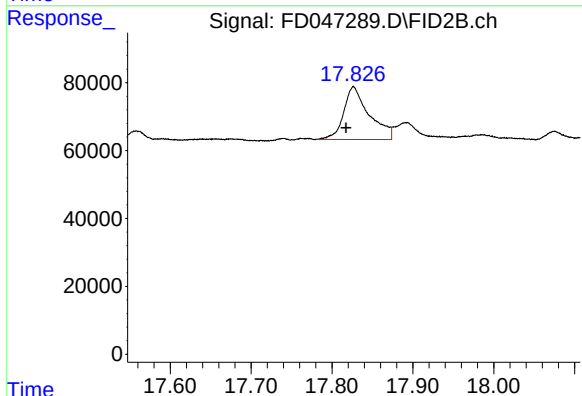
R.T.: 16.090 min
Delta R.T.: -0.027 min
Response: 27286
Conc: 0.20 ug/ml



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

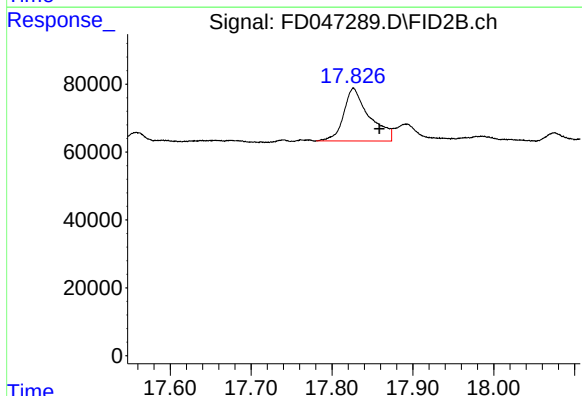
R.T.: 16.466 min
Delta R.T.: 0.006 min
Response: 14676
Conc: 0.11 ug/ml

Instrument :
FID_D
ClientSampleId :



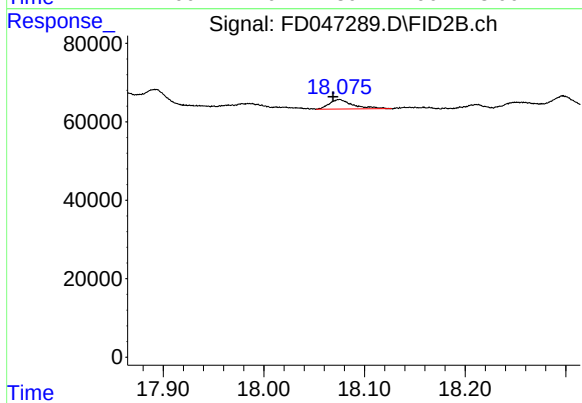
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.827 min
Delta R.T.: 0.009 min
Response: 341525
Conc: 2.71 ug/ml



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

R.T.: 17.827 min
Delta R.T.: -0.032 min
Response: 341525
Conc: 2.56 ug/ml



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

R.T.: 18.075 min
Delta R.T.: 0.006 min
Response: 39424
Conc: 0.30 ug/ml