

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF021025AR\
 Data File : FF015514.D
 Signal(s) : FID2B.ch
 Acq On : 10 Feb 2025 10:17
 Operator : YP\AJ
 Sample : Q1308-11DL 5X
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 EX-11-TPH-12DL

Integration File: autoint1.e
 Quant Time: Feb 11 02:33:31 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 020525.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 06 05:23:26 2025
 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...	7.995	1692196	14.238 ug/ml
Spiked Amount 50.000		Recovery =	28.48%
6) S 2-Fluorobiphenyl (SURR)	8.871	613251	8.075 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	16.15%
11) S ortho-Terphenyl (SURR)	11.931	1029310	7.805 ug/ml
Spiked Amount 50.000		Recovery =	15.61%
Target Compounds			
2) T Naphthalene (C11.7)	6.269	35476	0.258 ug/ml
3) T 2-Methylnaphthalene (...)	7.374	389513	2.930 ug/ml
5) T Acenaphthylene (C15.06)	8.653	622108	4.601 ug/ml
7) T Acenaphthene (C15.5)	8.977	129782	0.966 ug/ml
8) T Flouorene (C16.55)	9.758	97101	0.748 ug/ml
9) T Phenanthrene (C19.36)	11.167	95253	0.785 ug/ml
10) T Anthracene (C19.43)	11.247	123057	1.027 ug/ml
12) T Fluoranthene (C21.85)	12.988	169206	1.391 ug/ml
13) T Pyrene (C20.8)	13.285	63338	0.520 ug/ml
14) T Benzo[a]anthracene (C...	15.215	29185	0.268 ug/ml
15) T Chrysene (C27.41)	15.215	29185	0.245 ug/ml
16) T benzo[b]fluoranthene ...	16.736	4473	0.039 ug/ml
17) T Bnezo[k]fluoranthene ...	16.736	4473	0.037 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.512	82775	0.751 ug/ml
20) T Dibenz[a,h]anthracene...	18.512	82775	0.671 ug/ml

(f)=RT Delta > 1/2 Window

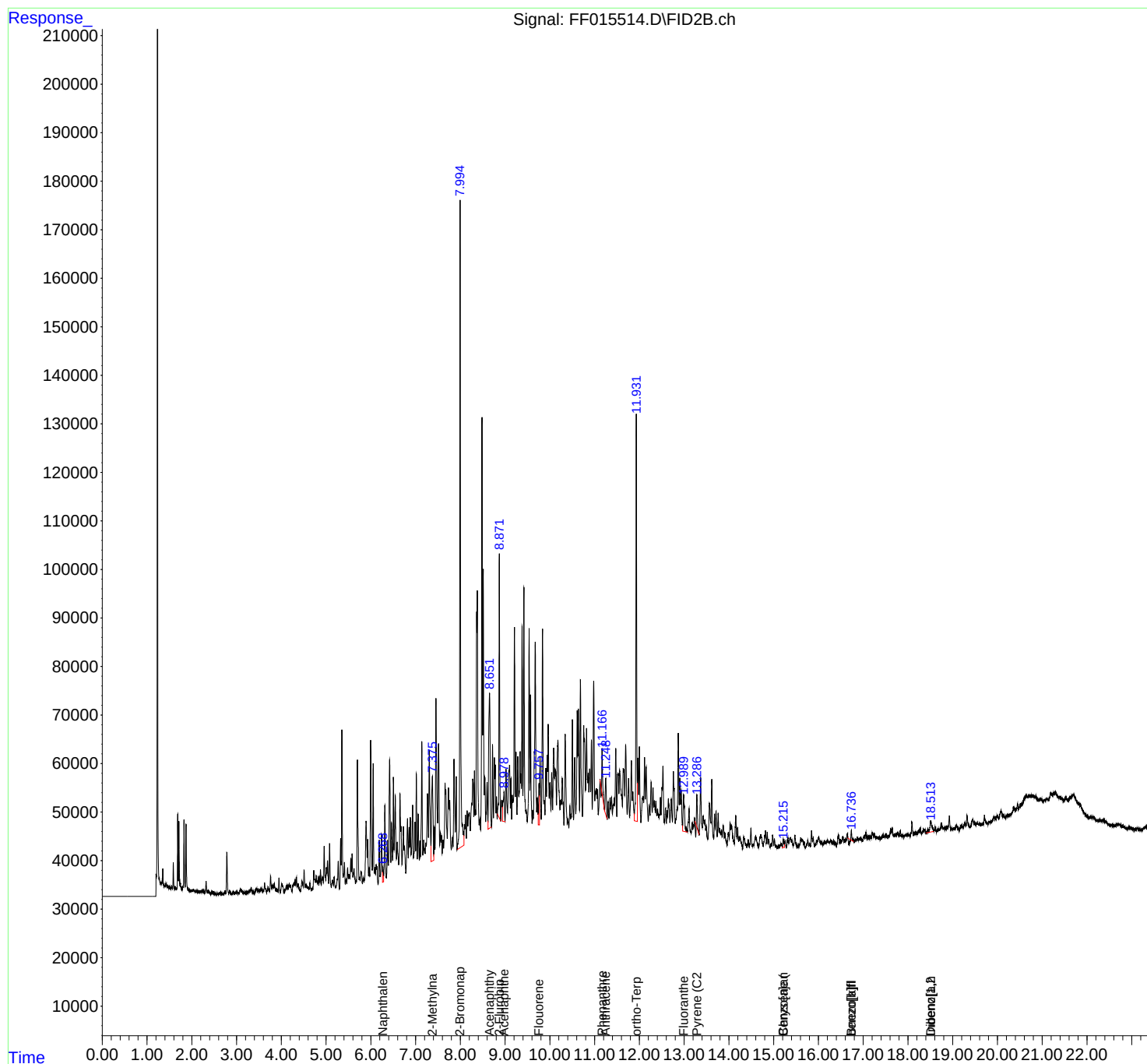
(m)=manual int.

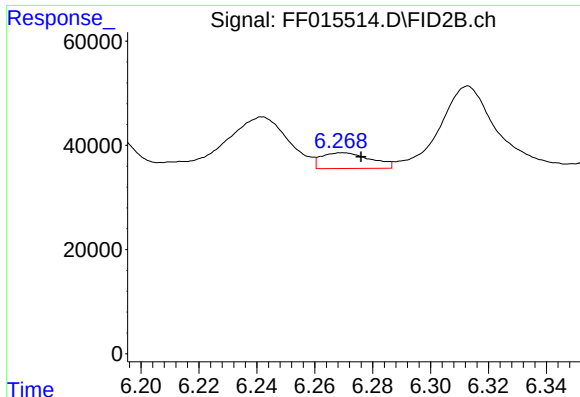
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF021025AR\
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Signal Info : 20M x 0.18mm x 0.18µm

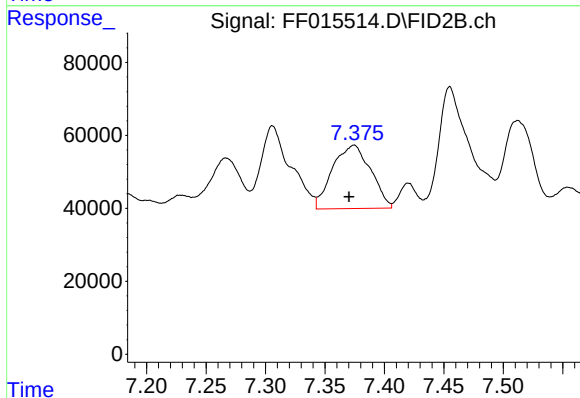




#2 Naphthalene (C11.7)

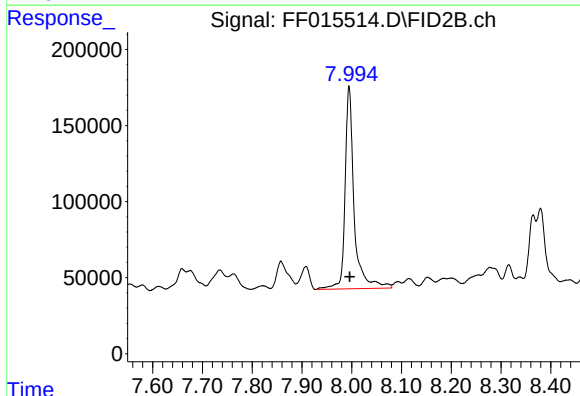
R.T.: 6.269 min
Delta R.T.: -0.006 min
Response: 35476
Conc: 0.26 ug/ml

Instrument :
FID_F
ClientSampleId :
EX-11-TPH-12DL



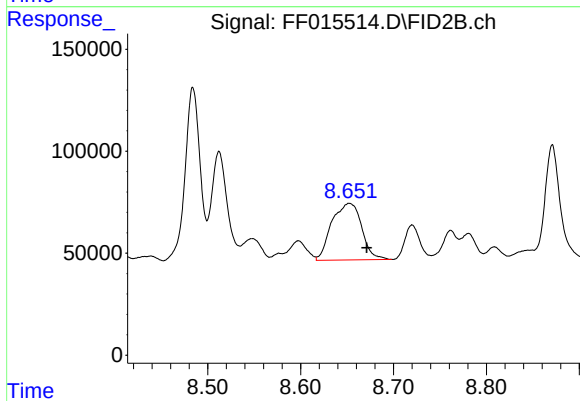
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.374 min
Delta R.T.: 0.004 min
Response: 389513
Conc: 2.93 ug/ml



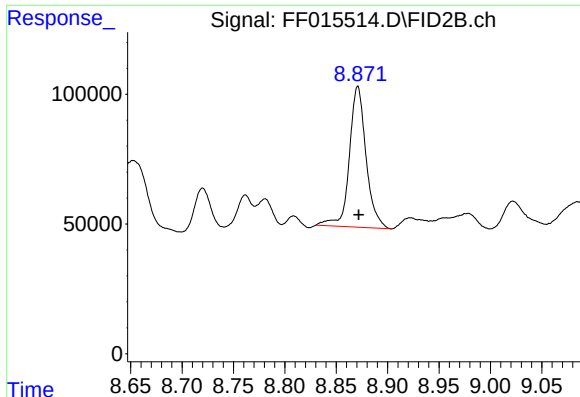
#4 2-Bromonaphthalene (SURR)

R.T.: 7.995 min
Delta R.T.: -0.002 min
Response: 1692196
Conc: 14.24 ug/ml



#5 Acenaphthylene (C15.06)

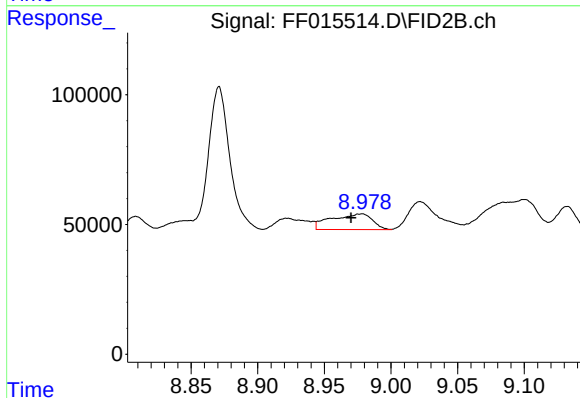
R.T.: 8.653 min
Delta R.T.: -0.019 min
Response: 622108
Conc: 4.60 ug/ml



#6 2-Fluorobiphenyl (SURR)

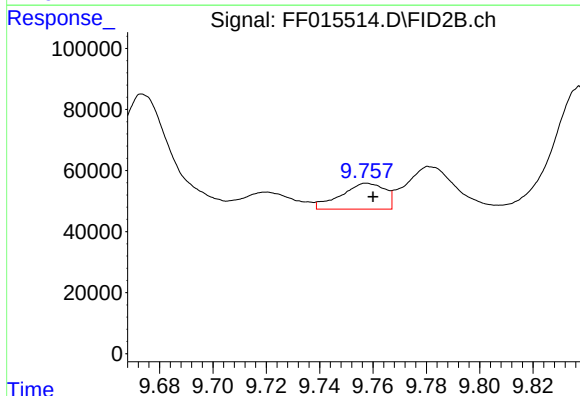
R.T.: 8.871 min
Delta R.T.: 0.000 min
Response: 613251
Conc: 8.08 ug/ml

Instrument :
FID_F
ClientSampleId :
EX-11-TPH-12DL



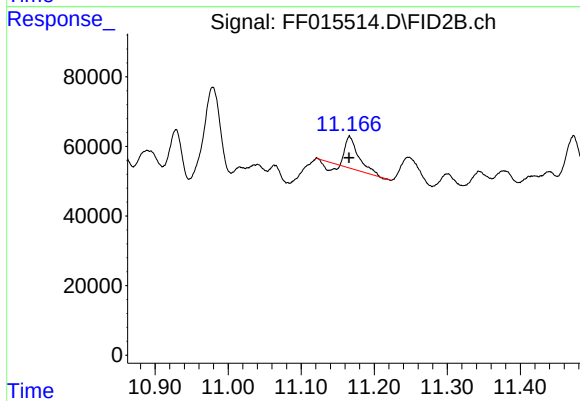
#7 Acenaphthene (C15.5)

R.T.: 8.977 min
Delta R.T.: 0.007 min
Response: 129782
Conc: 0.97 ug/ml



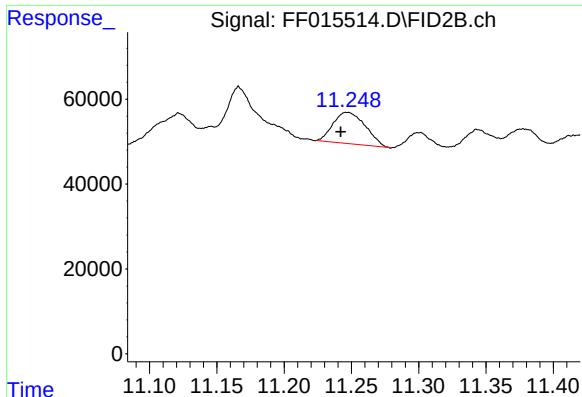
#8 Flouorene (C16.55)

R.T.: 9.758 min
Delta R.T.: -0.002 min
Response: 97101
Conc: 0.75 ug/ml



#9 Phenanthrene (C19.36)

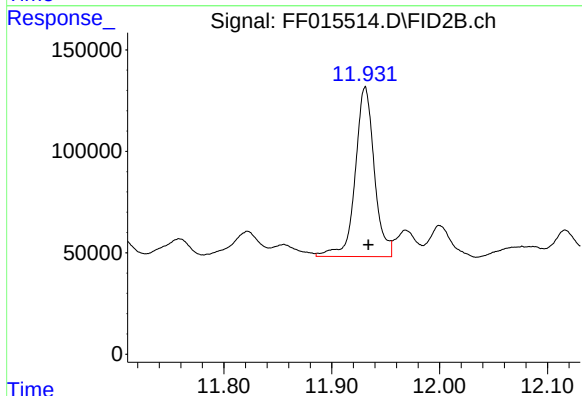
R.T.: 11.167 min
Delta R.T.: 0.000 min
Response: 95253
Conc: 0.78 ug/ml



#10 Anthracene (C19.43)

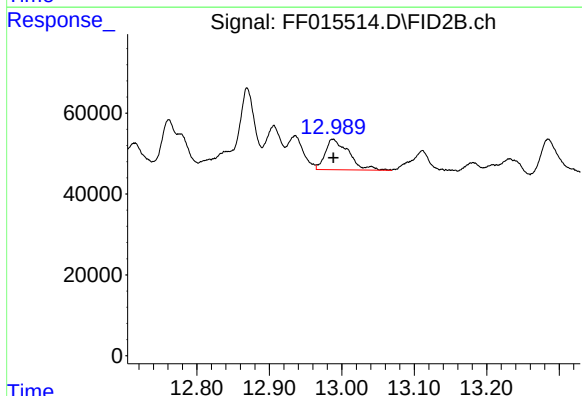
R.T.: 11.247 min
Delta R.T.: 0.005 min
Response: 123057
Conc: 1.03 ug/ml

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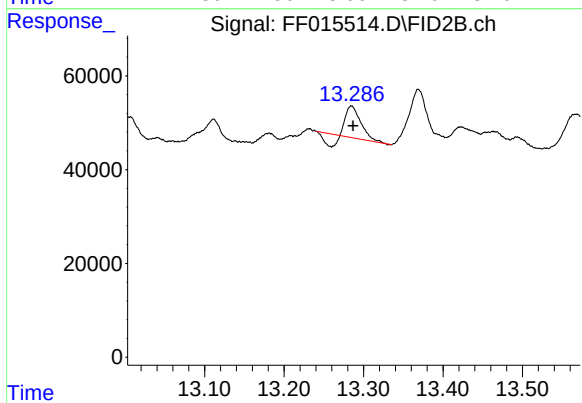
#11 ortho-Terphenyl (SURR)

R.T.: 11.931 min
Delta R.T.: -0.003 min
Response: 1029310
Conc: 7.80 ug/ml



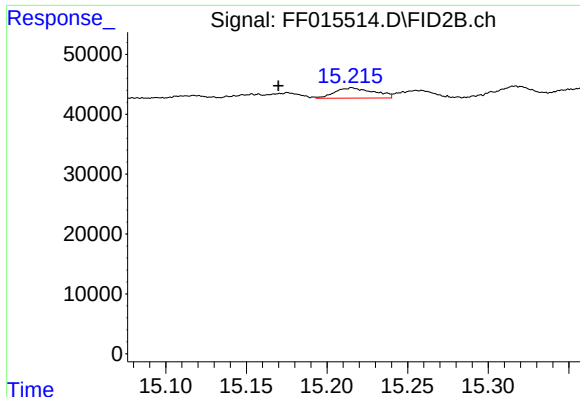
#12 Fluoranthene (C21.85)

R.T.: 12.988 min
Delta R.T.: 0.000 min
Response: 169206
Conc: 1.39 ug/ml



#13 Pyrene (C20.8)

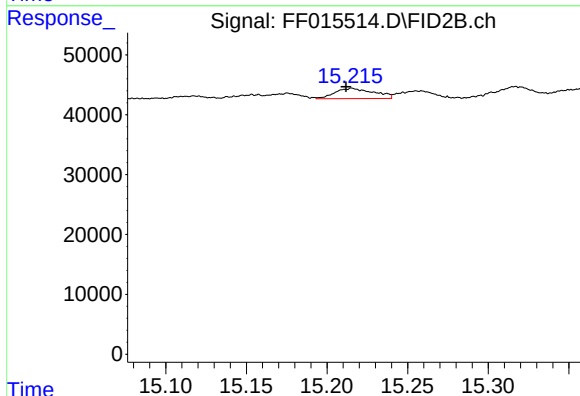
R.T.: 13.285 min
Delta R.T.: -0.002 min
Response: 63338
Conc: 0.52 ug/ml



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

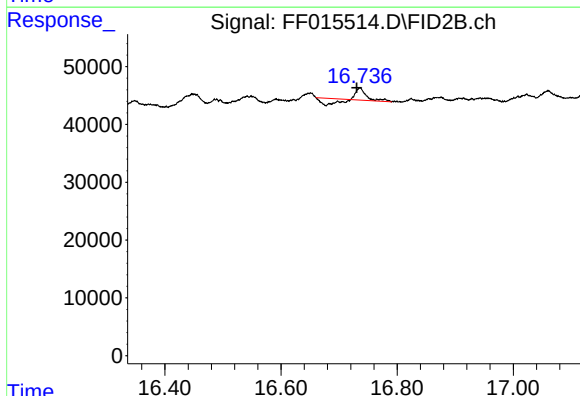
R.T.: 15.215 min
Delta R.T.: 0.045 min
Response: 29185
Conc: 0.27 ug/ml

Instrument :
FID_F
ClientSampleId :
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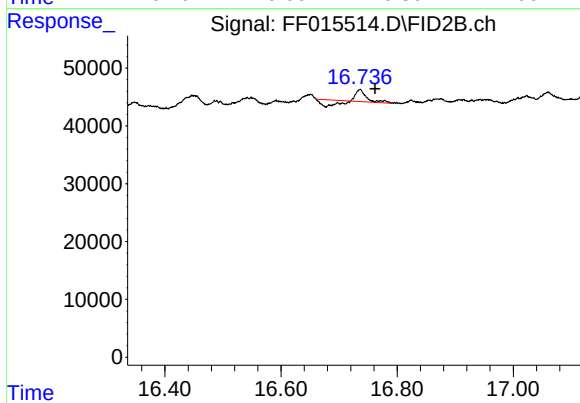
#15 Chrysene (C27.41)

R.T.: 15.215 min
Delta R.T.: 0.003 min
Response: 29185
Conc: 0.24 ug/ml



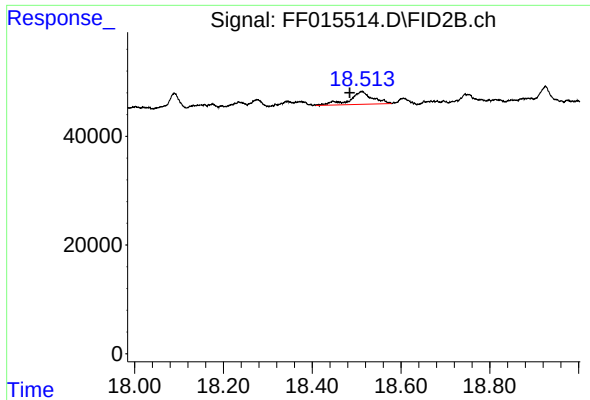
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.736 min
Delta R.T.: 0.005 min
Response: 4473
Conc: 0.04 ug/ml



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

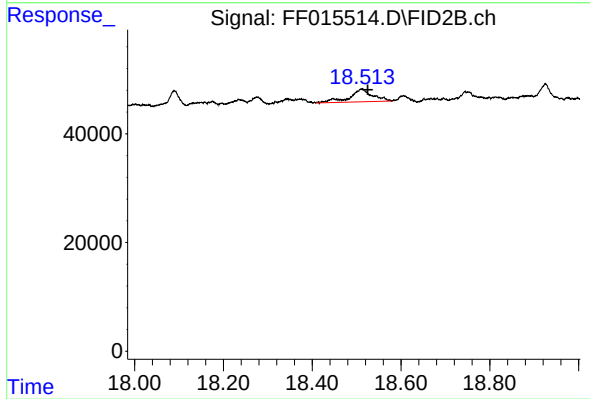
R.T.: 16.736 min
Delta R.T.: -0.026 min
Response: 4473
Conc: 0.04 ug/ml



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

R.T.: 18.512 min
Delta R.T.: 0.027 min
Response: 82775
Conc: 0.75 ug/ml

Instrument :
FID_F
ClientSampleId :
EX-11-TPH-12DL



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

R.T.: 18.512 min
Delta R.T.: -0.013 min
Response: 82775
Conc: 0.67 ug/ml