

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF020725AR\
 Data File : FF015490.D
 Signal(s) : FID2B.ch
 Acq On : 07 Feb 2025 13:31
 Operator : YP\AJ
 Sample : Q1308-07
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 10 00:34:21 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...	8.002	11294918	95.032 ug/ml
Spiked Amount 50.000		Recovery =	190.06%
6) S 2-Fluorobiphenyl (SURR)	8.879	4428489	58.314 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	116.63%
11) S ortho-Terphenyl (SURR)	11.938	5196241	39.401 ug/ml
Spiked Amount 50.000		Recovery =	78.80%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.600	107484	0.776 ug/ml
2) T Naphthalene (C11.7)	6.271	541529	3.932 ug/ml
3) T 2-Methylnaphthalene (...)	7.379	5139468	38.663 ug/ml
5) T Acenaphthylene (C15.06)	8.661	8236119	60.911 ug/ml
7) T Acenaphthene (C15.5)	8.982	1897999	14.127 ug/ml
8) T Flouorene (C16.55)	9.763	1543520	11.885 ug/ml
9) T Phenanthrene (C19.36)	11.170	1822107	15.011 ug/ml
10) T Anthracene (C19.43)	11.248	783895	6.540 ug/ml
12) T Fluoranthene (C21.85)	12.989	758145	6.233 ug/ml
13) T Pyrene (C20.8)	13.286	256085	2.104 ug/ml
14) T Benzo[a]anthracene (C...	15.172	48756	0.447 ug/ml
15) T Chrysene (C27.41)	15.213	60054	0.504 ug/ml
16) T benzo[b]fluoranthene ...	16.735	9738	0.084 ug/ml
17) T Bnezo[k]fluoranthene ...	16.735	9738	0.081 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.117	25375	0.226 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.495	44507	0.404 ug/ml
20) T Dibenz[a,h]anthracene...	18.495	44507	0.361 ug/ml
21) T Benzo[g,h,i]perylene ...	18.746	41160	0.322 ug/ml

(f)=RT Delta > 1/2 Window

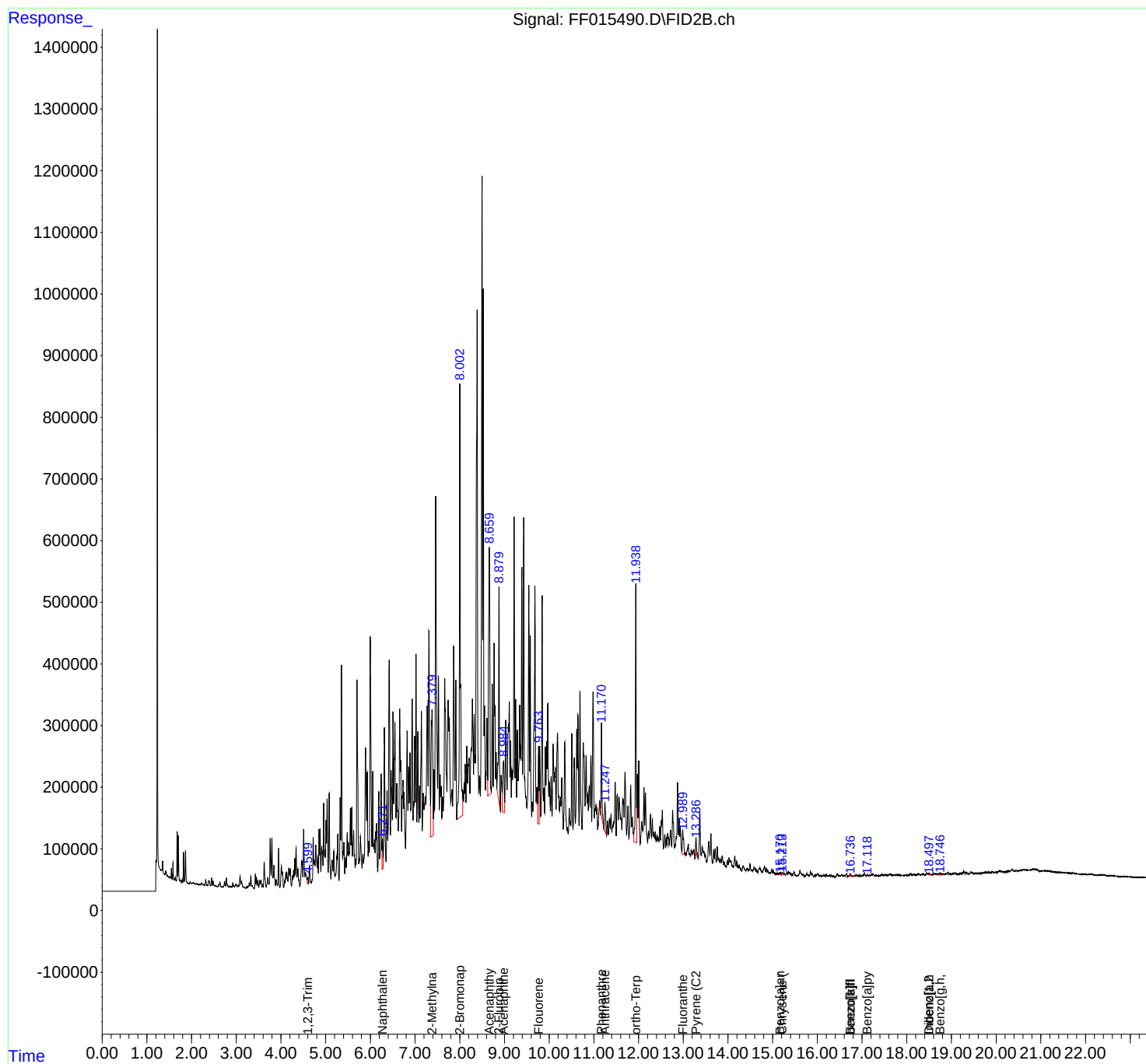
(m)=manual int.

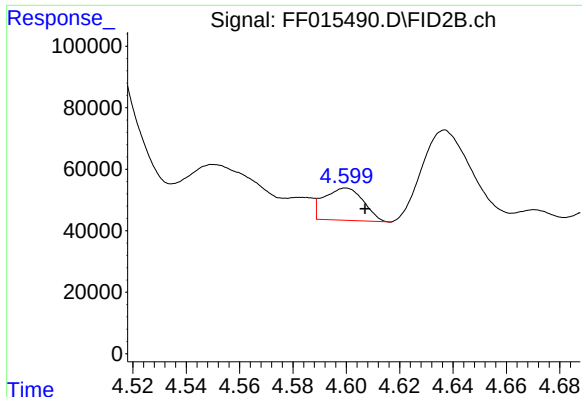
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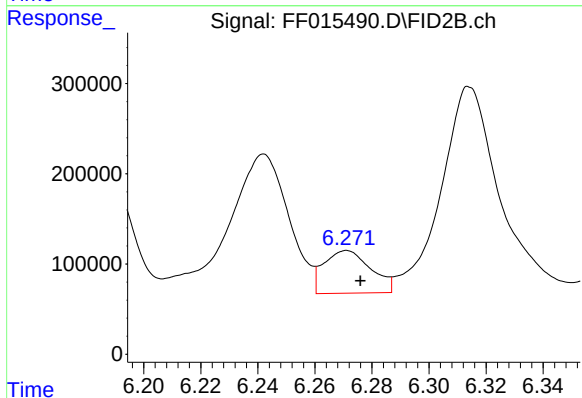




#1 1,2,3-Trimethylbenzene (C10.1)

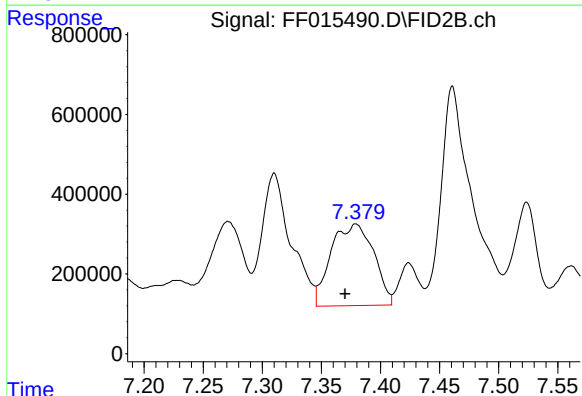
R.T.: 4.600 min
Delta R.T.: -0.007 min
Response: 107484
Conc: 0.78 ug/ml

Instrument :
FID_F
ClientSampleId :



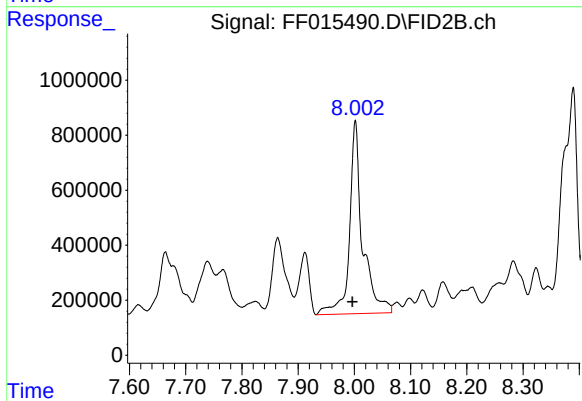
#2 Naphthalene (C11.7)

R.T.: 6.271 min
Delta R.T.: -0.005 min
Response: 541529
Conc: 3.93 ug/ml



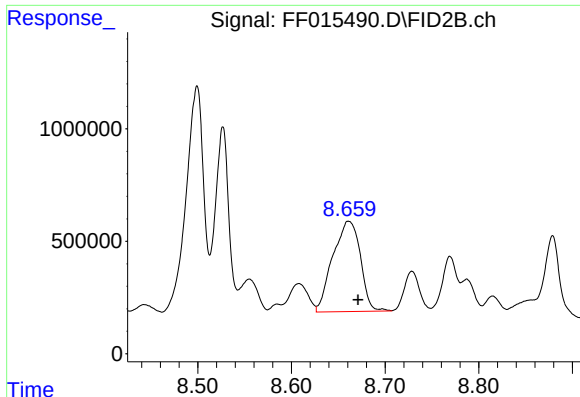
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.379 min
Delta R.T.: 0.009 min
Response: 5139468
Conc: 38.66 ug/ml



#4 2-Bromonaphthalene (SURR)

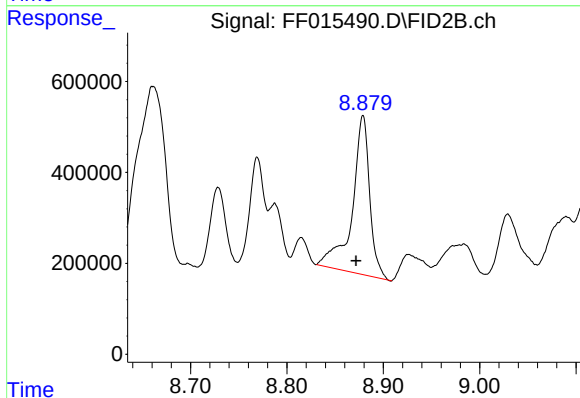
R.T.: 8.002 min
Delta R.T.: 0.005 min
Response: 11294918
Conc: 95.03 ug/ml



#5 Acenaphthylene (C15.06)

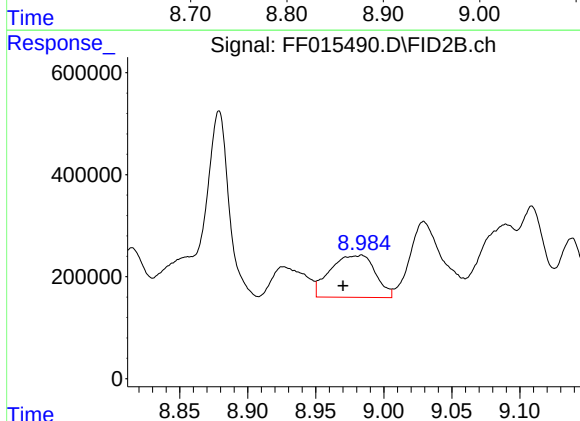
R.T.: 8.661 min
Delta R.T.: -0.010 min
Response: 8236119
Conc: 60.91 ug/ml

Instrument :
FID_F
ClientSampleId :



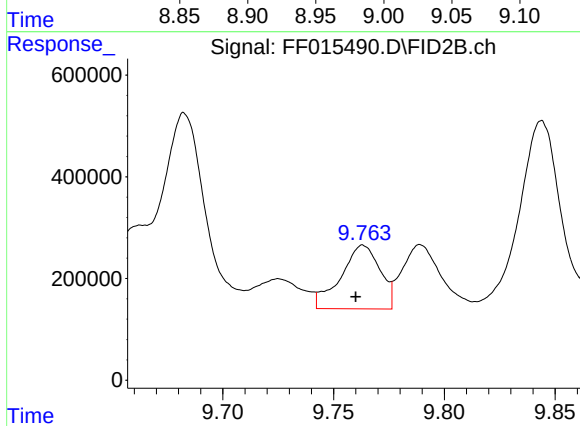
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.879 min
Delta R.T.: 0.007 min
Response: 4428489
Conc: 58.31 ug/ml



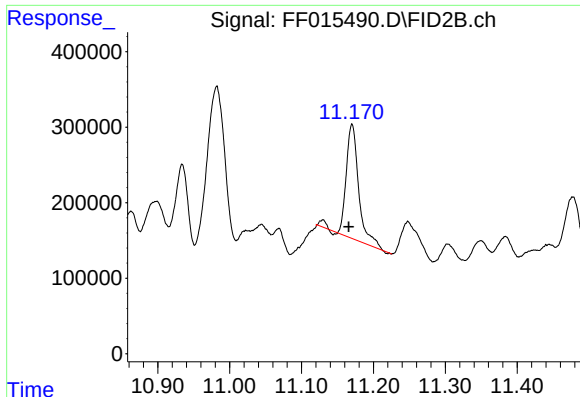
#7 Acenaphthene (C15.5)

R.T.: 8.982 min
Delta R.T.: 0.012 min
Response: 1897999
Conc: 14.13 ug/ml



#8 Flouorene (C16.55)

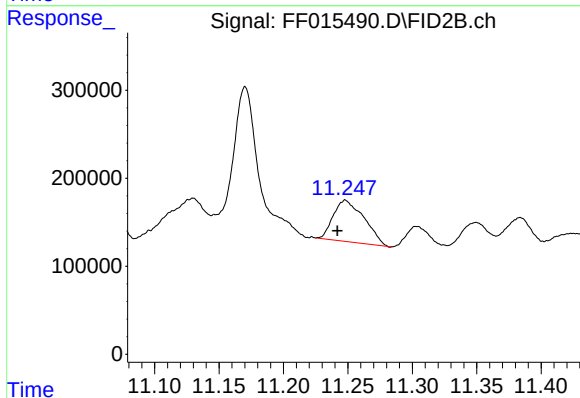
R.T.: 9.763 min
Delta R.T.: 0.003 min
Response: 1543520
Conc: 11.89 ug/ml



#9 Phenanthrene (C19.36)

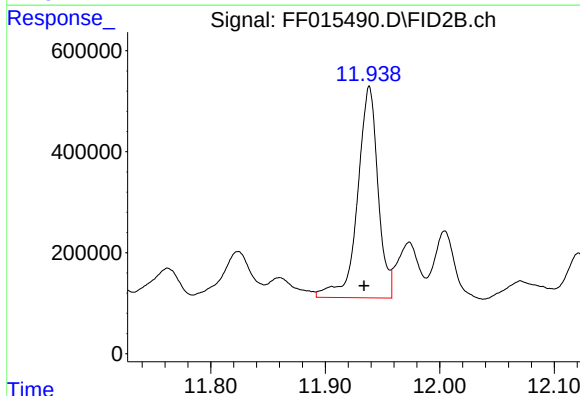
R.T.: 11.170 min
Delta R.T.: 0.005 min
Response: 1822107
Conc: 15.01 ug/ml

Instrument :
FID_F
ClientSampleId :



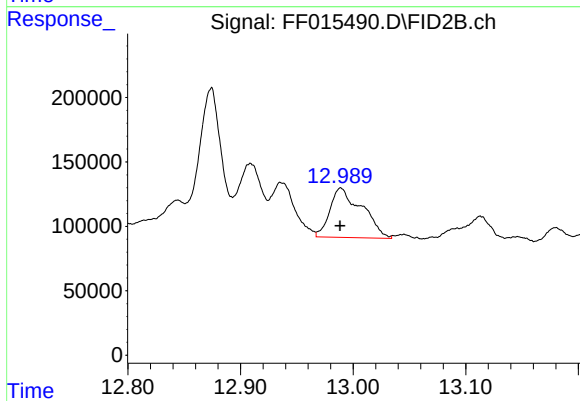
#10 Anthracene (C19.43)

R.T.: 11.248 min
Delta R.T.: 0.006 min
Response: 783895
Conc: 6.54 ug/ml



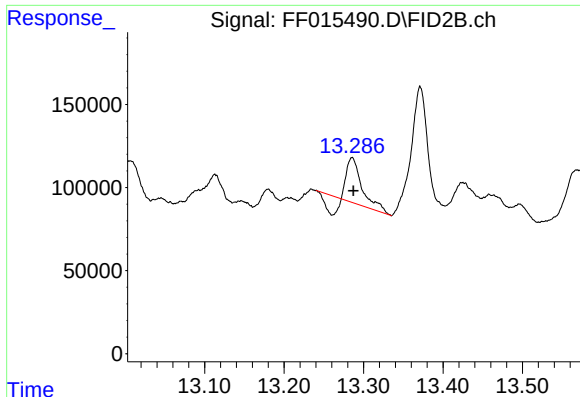
#11 ortho-Terphenyl (SURR)

R.T.: 11.938 min
Delta R.T.: 0.004 min
Response: 5196241
Conc: 39.40 ug/ml



#12 Fluoranthene (C21.85)

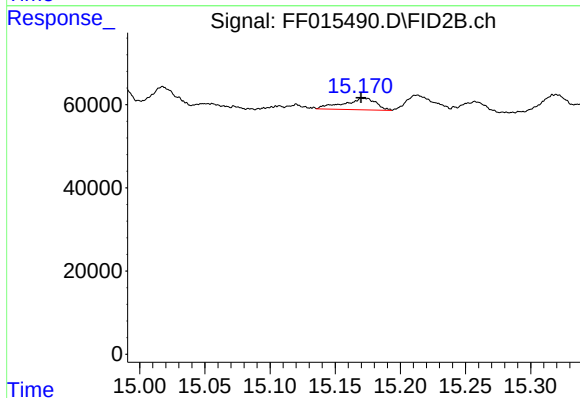
R.T.: 12.989 min
Delta R.T.: 0.000 min
Response: 758145
Conc: 6.23 ug/ml



#13 Pyrene (C20.8)

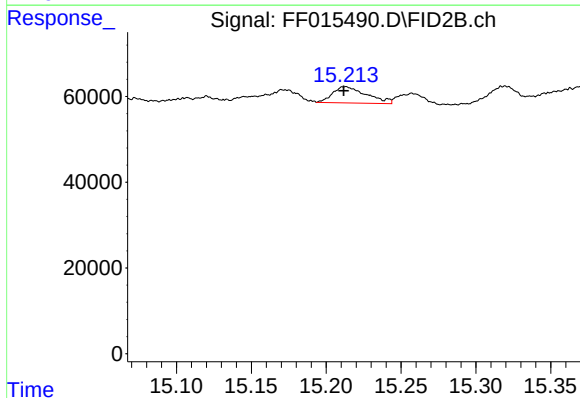
R.T.: 13.286 min
Delta R.T.: -0.001 min
Response: 256085
Conc: 2.10 ug/ml

Instrument :
FID_F
ClientSampleId :



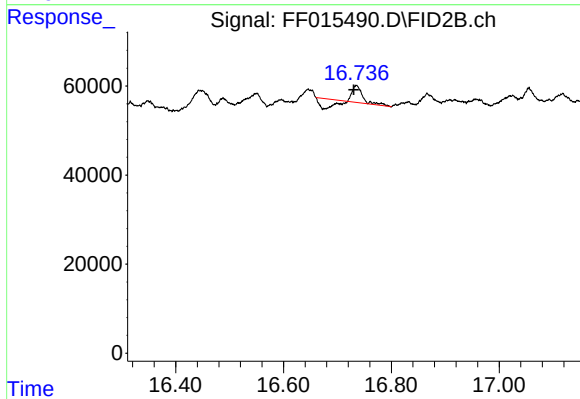
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.172 min
Delta R.T.: 0.002 min
Response: 48756
Conc: 0.45 ug/ml



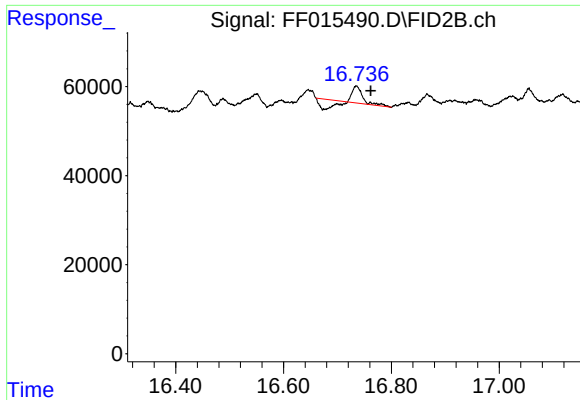
#15 Chrysene (C27.41)

R.T.: 15.213 min
Delta R.T.: 0.001 min
Response: 60054
Conc: 0.50 ug/ml



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

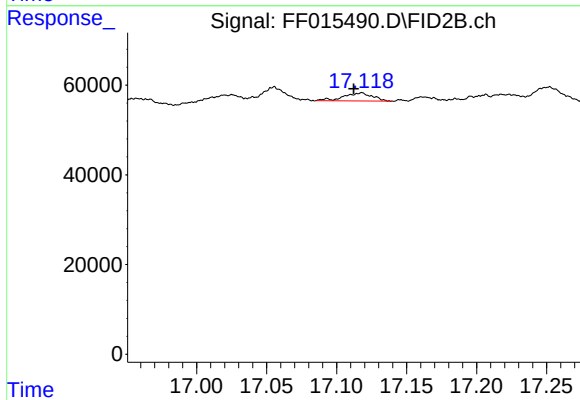
R.T.: 16.735 min
Delta R.T.: 0.005 min
Response: 9738
Conc: 0.08 ug/ml



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

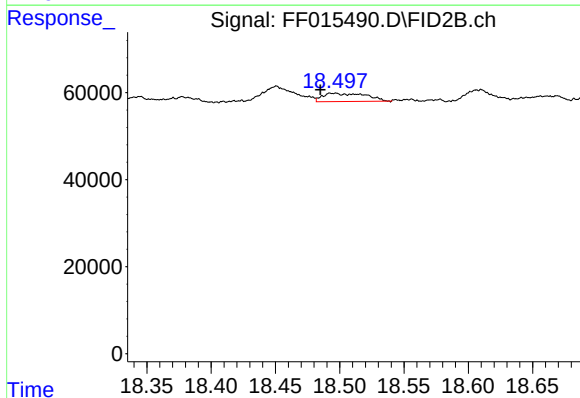
R.T.: 16.735 min
Delta R.T.: -0.026 min
Response: 9738
Conc: 0.08 ug/ml

Instrument :
FID_F
ClientSampleId :



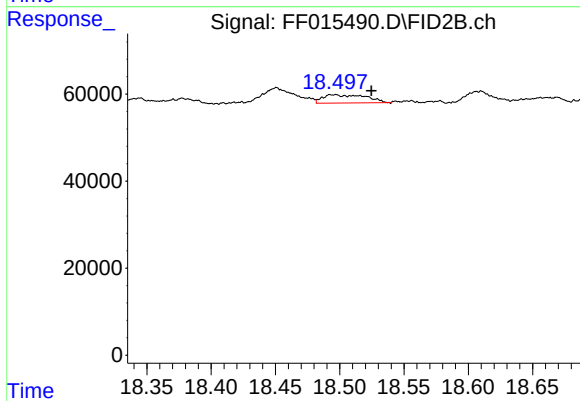
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.117 min
Delta R.T.: 0.005 min
Response: 25375
Conc: 0.23 ug/ml



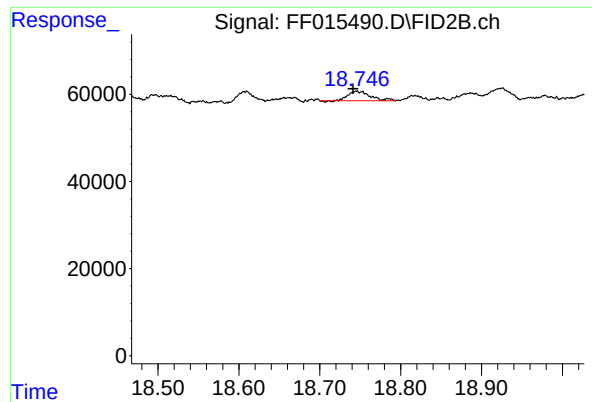
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.495 min
Delta R.T.: 0.011 min
Response: 44507
Conc: 0.40 ug/ml



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

R.T.: 18.495 min
Delta R.T.: -0.029 min
Response: 44507
Conc: 0.36 ug/ml



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

R.T.: 18.746 min
Delta R.T.: 0.005 min
Response: 41160
Conc: 0.32 ug/ml

Instrument :

FID_F

ClientSampleId :