

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050825AR\
 Data File : FD049326.D
 Signal(s) : FID2B.ch
 Acq On : 08 May 2025 17:53
 Operator : YP/AJ
 Sample : Q1901-02
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 B-167-SB01

Integration File: autoint1.e
 Quant Time: May 09 09:19:46 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050125.M
 Quant Title : GC Extractables
 QLast Update : Thu May 01 13:29:48 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...	7.741	5920352	49.931 ug/ml
Spiked Amount 50.000		Recovery =	99.86%
6) S 2-Fluorobiphenyl (SURR)	8.606	3946659	49.975 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	99.95%
11) S ortho-Terphenyl (SURR)	11.653	7896457	57.212 ug/ml
Spiked Amount 50.000		Recovery =	114.42%
Target Compounds			
7) T Acenaphthene (C15.5)	8.703	76884	0.561 ug/ml
8) T Flouorene (C16.55)	9.483	94120	0.691 ug/ml
9) T Phenanthrene (C19.36)	10.881	726627	5.390 ug/ml
10) T Anthracene (C19.43)	10.955	112361	0.950 ug/ml
12) T Fluoranthene (C21.85)	12.694	723404	5.368 ug/ml
13) T Pyrene (C20.8)	12.991	562821	4.161 ug/ml
14) T Benzo[a]anthracene (C...	14.861	237610	2.074 ug/ml
15) T Chrysene (C27.41)	14.902	266627	2.284 ug/ml
16) T benzo[b]fluoranthene ...	16.413	266300	2.194 ug/ml
17) T Bnezo[k]fluoranthene ...	16.441	103365	0.867 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.789	215586	1.875 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.150	149492	1.362 ug/ml
20) T Dibenz[a,h]anthracene...	18.194	97828	0.926 ug/ml
21) T Benzo[g,h,i]perylene ...	18.405	133913	1.124 ug/ml

(f)=RT Delta > 1/2 Window

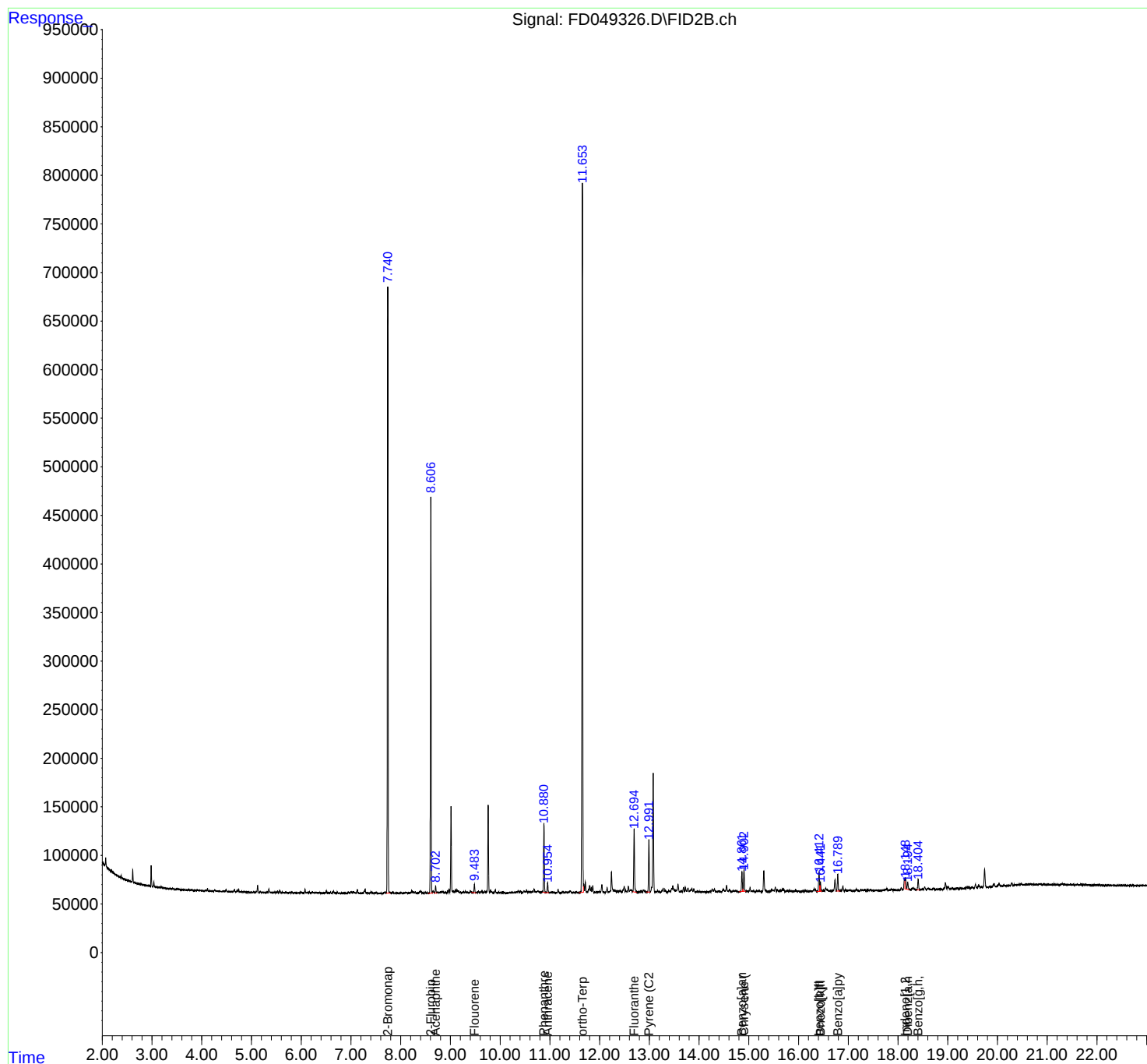
(m)=manual int.

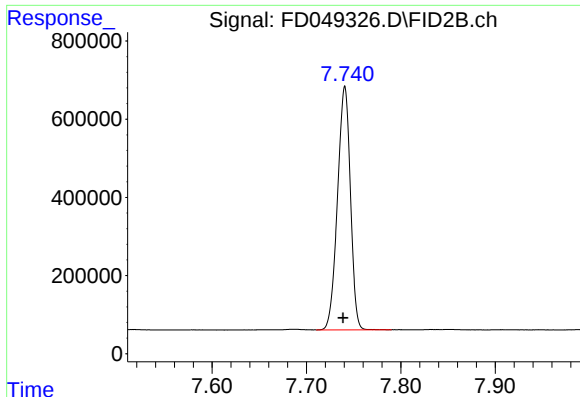
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Signal Info : 20M x 0.18mm x 0.18µm

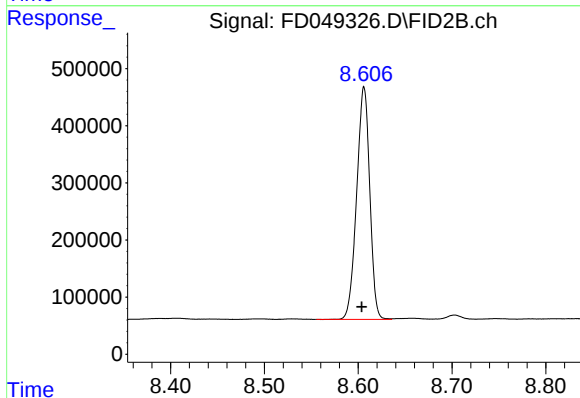




#4 2-Bromonaphthalene (SURRE)

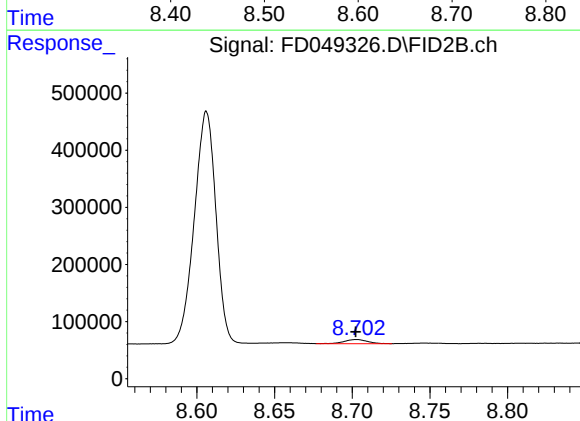
R.T.: 7.741 min
Delta R.T.: 0.002 min
Response: 5920352
Conc: 49.93 ug/ml

Instrument :
FID_D
ClientSampleId :
B-167-SB01



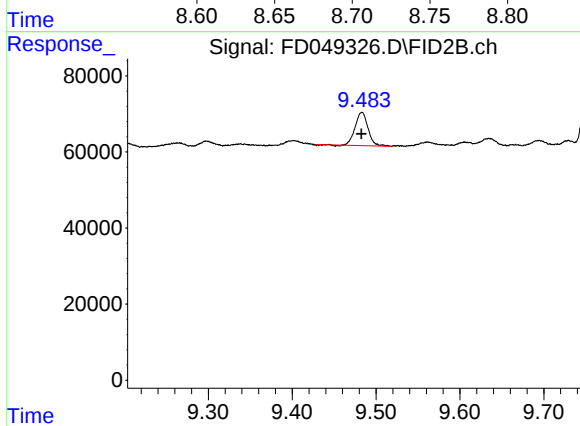
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.606 min
Delta R.T.: 0.003 min
Response: 3946659
Conc: 49.98 ug/ml



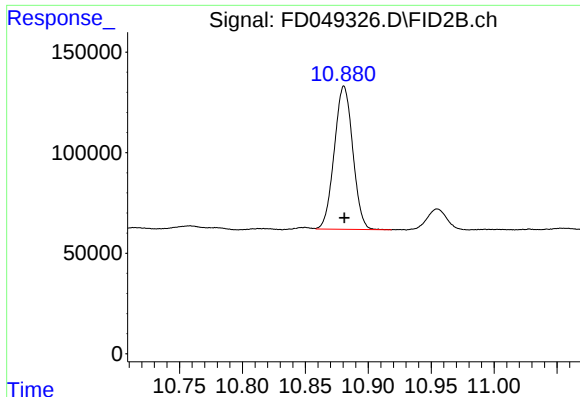
#7 Acenaphthene (C15.5)

R.T.: 8.703 min
Delta R.T.: 0.000 min
Response: 76884
Conc: 0.56 ug/ml



#8 Fluorene (C16.55)

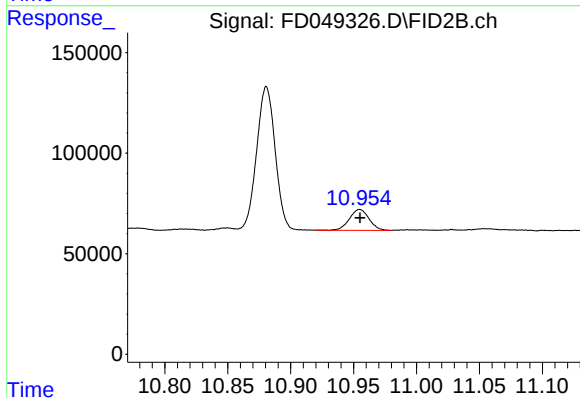
R.T.: 9.483 min
Delta R.T.: 0.000 min
Response: 94120
Conc: 0.69 ug/ml



#9 Phenanthrene (C19.36)

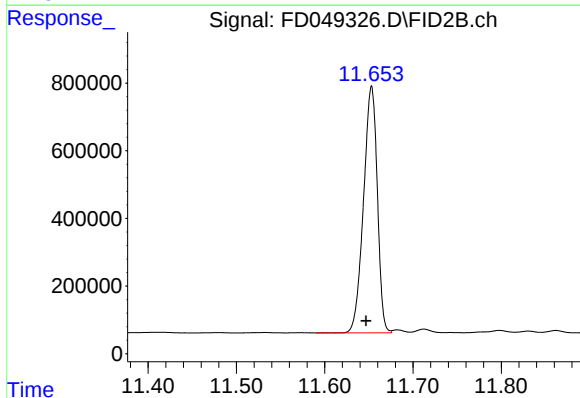
R.T.: 10.881 min
Delta R.T.: 0.000 min
Response: 726627
Conc: 5.39 ug/ml

Instrument :
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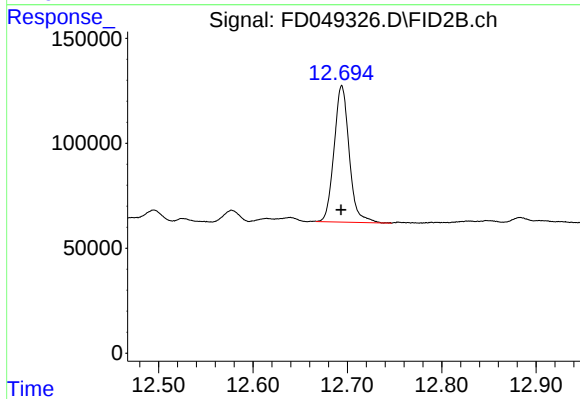
#10 Anthracene (C19.43)

R.T.: 10.955 min
Delta R.T.: 0.000 min
Response: 112361
Conc: 0.95 ug/ml



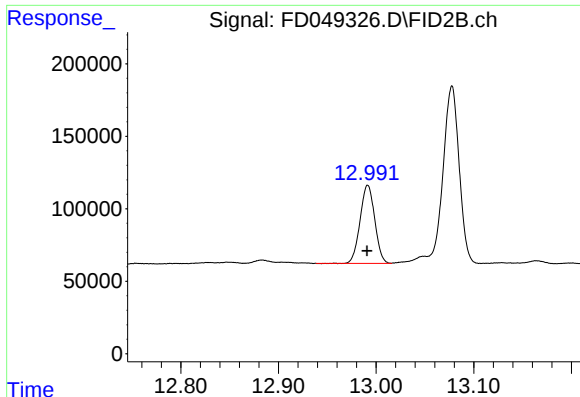
#11 ortho-Terphenyl (SURR)

R.T.: 11.653 min
Delta R.T.: 0.006 min
Response: 7896457
Conc: 57.21 ug/ml



#12 Fluoranthene (C21.85)

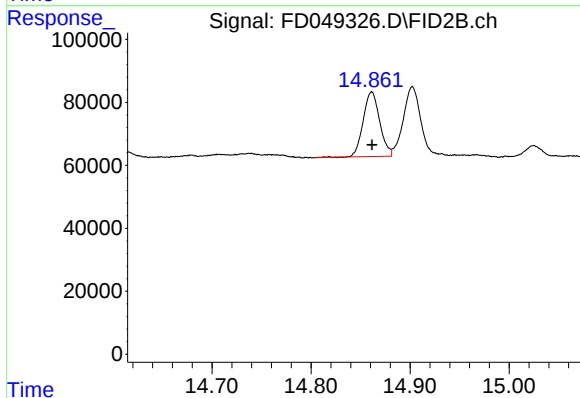
R.T.: 12.694 min
Delta R.T.: 0.000 min
Response: 723404
Conc: 5.37 ug/ml



#13 Pyrene (C20.8)

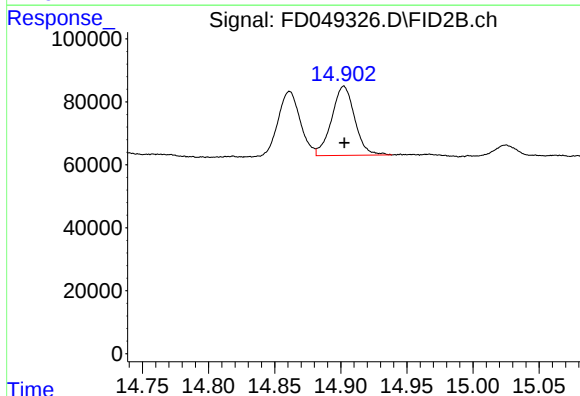
R.T.: 12.991 min
Delta R.T.: 0.000 min
Response: 562821
Conc: 4.16 ug/ml

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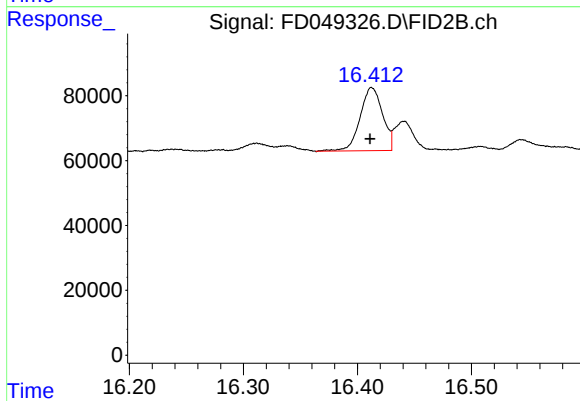
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.861 min
Delta R.T.: 0.000 min
Response: 237610
Conc: 2.07 ug/ml



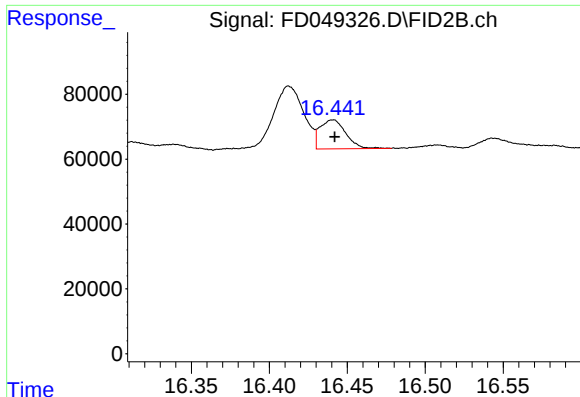
#15 Chrysene (C27.41)

R.T.: 14.902 min
Delta R.T.: 0.000 min
Response: 266627
Conc: 2.28 ug/ml



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

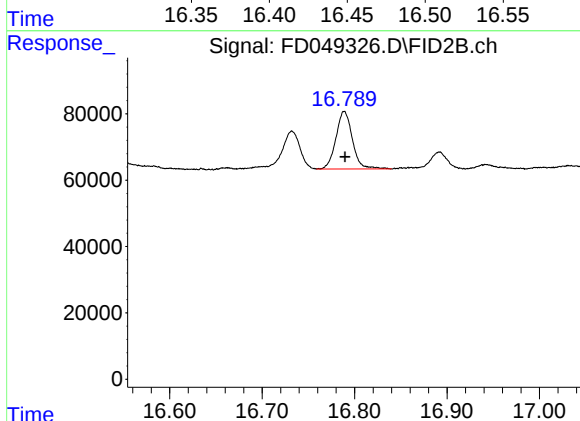
R.T.: 16.413 min
Delta R.T.: 0.001 min
Response: 266300
Conc: 2.19 ug/ml



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

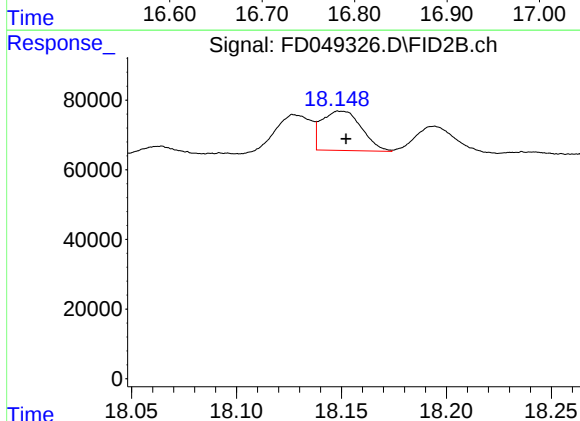
R.T.: 16.441 min
Delta R.T.: -0.001 min
Response: 103365
Conc: 0.87 ug/ml

Instrument :
FID_D
ClientSampleId :
B-167-SB01



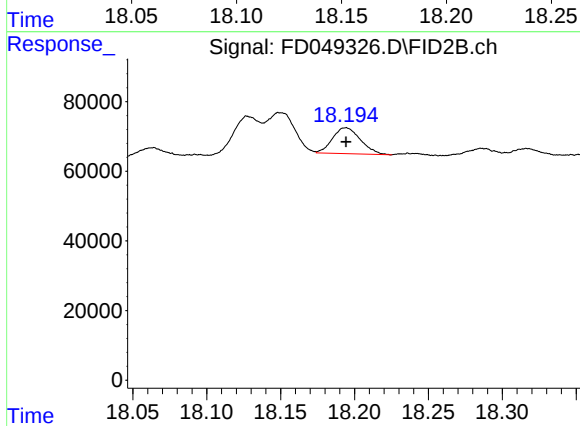
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.789 min
Delta R.T.: 0.000 min
Response: 215586
Conc: 1.87 ug/ml



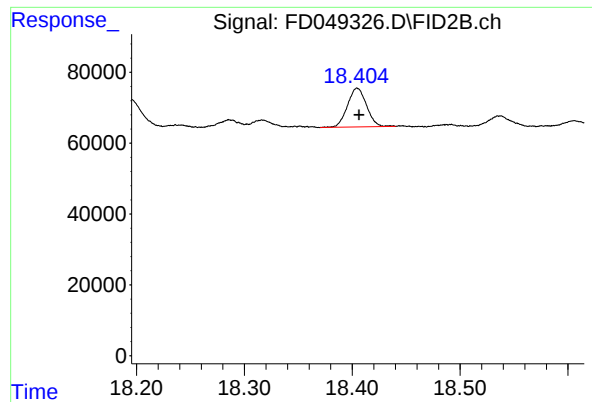
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.150 min
Delta R.T.: -0.003 min
Response: 149492
Conc: 1.36 ug/ml



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

R.T.: 18.194 min
Delta R.T.: 0.000 min
Response: 97828
Conc: 0.93 ug/ml



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

R.T.: 18.405 min
Delta R.T.: -0.002 min
Response: 133913
Conc: 1.12 ug/ml

Instrument :
FID_D
ClientSampleId :
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