

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF112625AR\
 Data File : FF016819.D
 Signal(s) : FID2B.ch
 Acq On : 26 Nov 2025 21:12
 Operator : YP\AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 01 08:11:03 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 112625.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 01 08:08:04 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...	8.008	10984155	92.415 ug/ml
Spiked Amount 50.000		Recovery =	184.83%
6) S 2-Fluorobiphenyl (SURR)	8.884	7358002	98.552 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	197.10%#
11) S ortho-Terphenyl (SURR)	11.952	12906081	86.766 ug/ml
Spiked Amount 50.000		Recovery =	173.53%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.601	12107936	87.522 ug/ml
2) T Naphthalene (C11.7)	6.278	12700001	90.825 ug/ml
3) T 2-Methylnaphthalene (...)	7.380	12822985	90.106 ug/ml
5) T Acenaphthylene (C15.06)	8.686	12674444	90.711 ug/ml
7) T Acenaphthene (C15.5)	8.987	12846316	88.090 ug/ml
8) T Flouorene (C16.55)	9.776	12588707	92.658 ug/ml
9) T Phenanthrene (C19.36)	11.184	12295450	91.962 ug/ml
10) T Anthracene (C19.43)	11.260	11842044	91.907 ug/ml
12) T Fluoranthene (C21.85)	13.010	12091448	90.272 ug/ml
13) T Pyrene (C20.8)	13.309	11828276	87.846 ug/ml
14) T Benzo[a]anthracene (C...	15.194	10783852	95.634 ug/ml
15) T Chrysene (C27.41)	15.241	11437195	82.929 ug/ml
16) T benzo[b]fluoranthene ...	16.760	10926837	89.636 ug/ml
17) T Bnezo[k]fluoranthene ...	16.760	10926837	84.455 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.144	10764168	87.160 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.523	10474667	100.851 ug/ml
20) T Dibenz[a,h]anthracene...	18.523	10474667	65.920 ug/ml
21) T Benzo[g,h,i]perylene ...	18.786	11183735	85.785 ug/ml

(f)=RT Delta > 1/2 Window

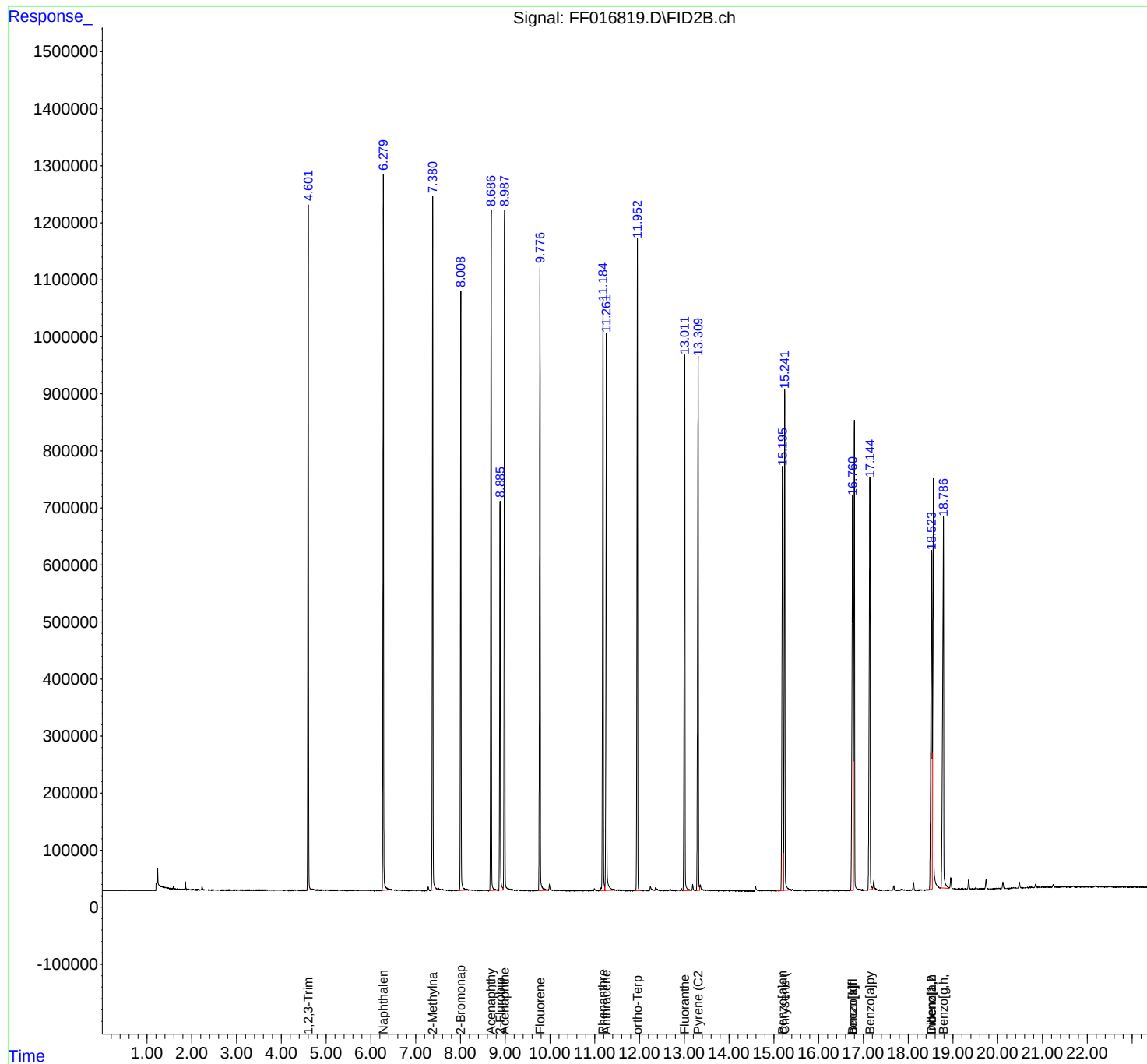
(m)=manual int.

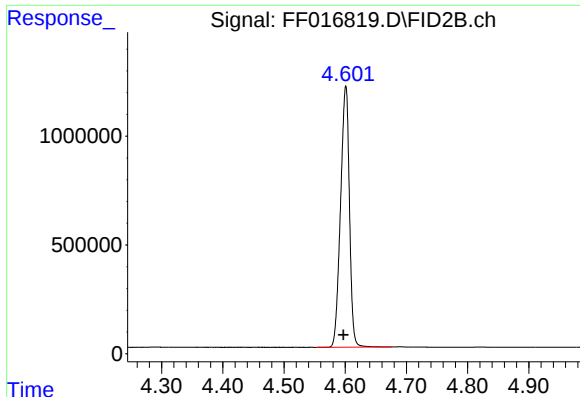
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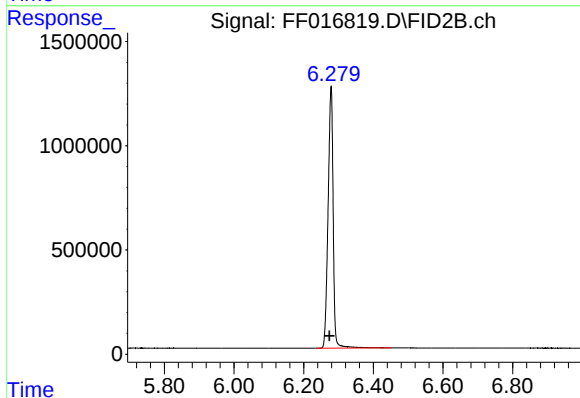




#1 1,2,3-Trimethylbenzene (C10.1)

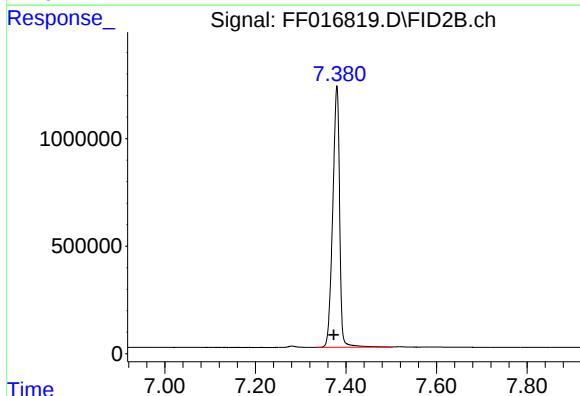
R.T.: 4.601 min
Delta R.T.: 0.004 min
Response: 12107936
Conc: 87.52 ug/ml

Instrument :
FID_E
ClientSampleId :



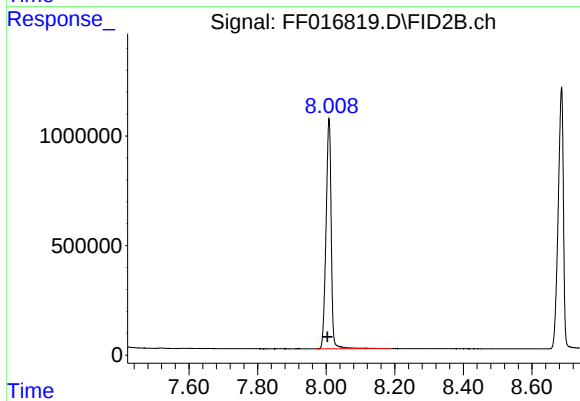
#2 Naphthalene (C11.7)

R.T.: 6.278 min
Delta R.T.: 0.005 min
Response: 12700001
Conc: 90.82 ug/ml



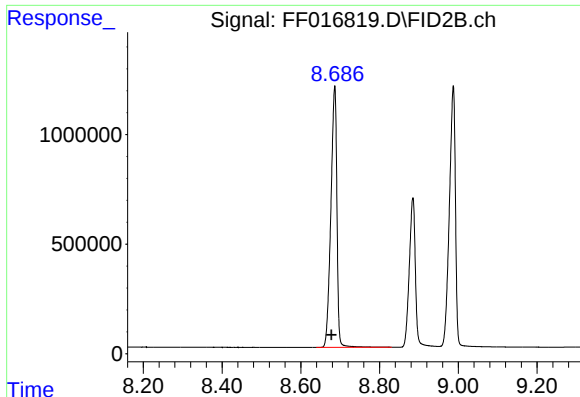
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.380 min
Delta R.T.: 0.006 min
Response: 12822985
Conc: 90.11 ug/ml



#4 2-Bromonaphthalene (SURR)

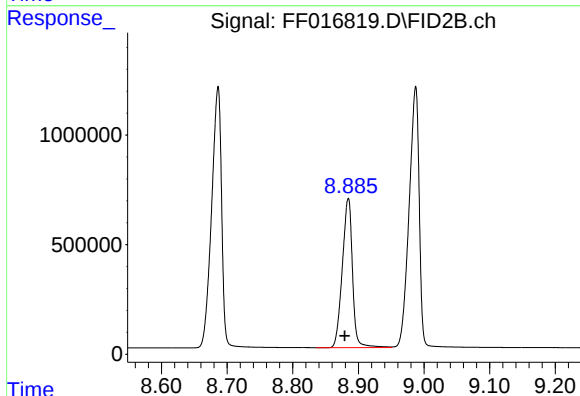
R.T.: 8.008 min
Delta R.T.: 0.005 min
Response: 10984155
Conc: 92.41 ug/ml



#5 Acenaphthylene (C15.06)

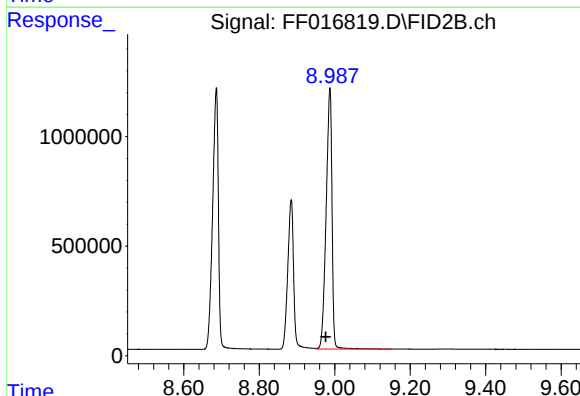
R.T.: 8.686 min
Delta R.T.: 0.008 min
Response: 12674444
Conc: 90.71 ug/ml

Instrument :
FID_E
ClientSampleId :



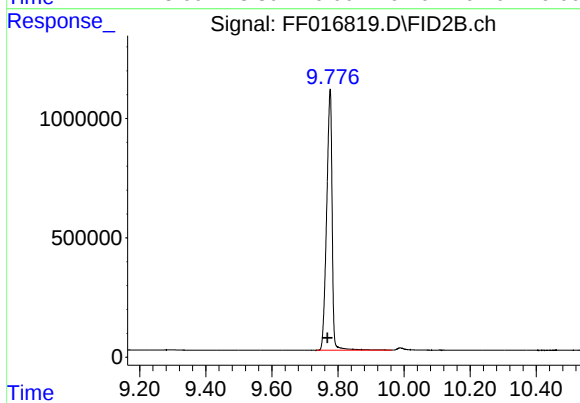
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.884 min
Delta R.T.: 0.005 min
Response: 7358002
Conc: 98.55 ug/ml



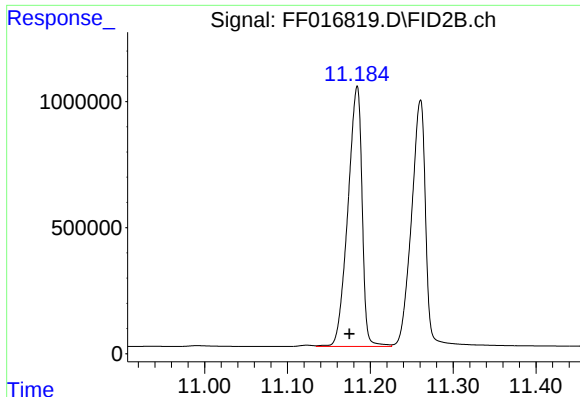
#7 Acenaphthene (C15.5)

R.T.: 8.987 min
Delta R.T.: 0.010 min
Response: 12846316
Conc: 88.09 ug/ml



#8 Flouorene (C16.55)

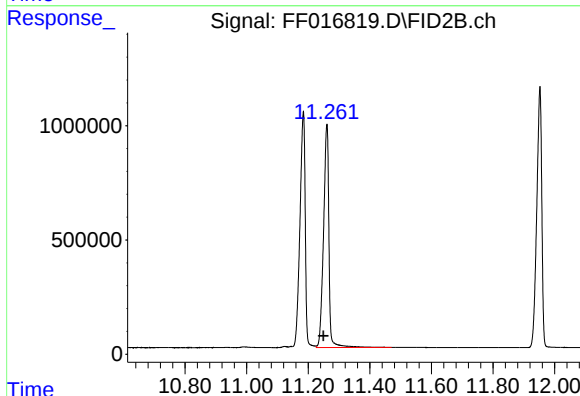
R.T.: 9.776 min
Delta R.T.: 0.008 min
Response: 12588707
Conc: 92.66 ug/ml



#9 Phenanthrene (C19.36)

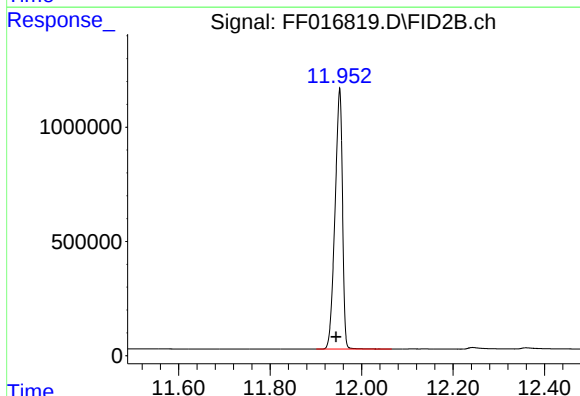
R.T.: 11.184 min
Delta R.T.: 0.009 min
Response: 12295450
Conc: 91.96 ug/ml

Instrument :
FID_E
ClientSampleId :



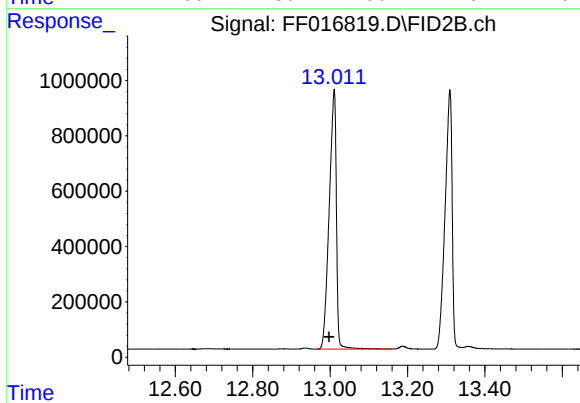
#10 Anthracene (C19.43)

R.T.: 11.260 min
Delta R.T.: 0.010 min
Response: 11842044
Conc: 91.91 ug/ml



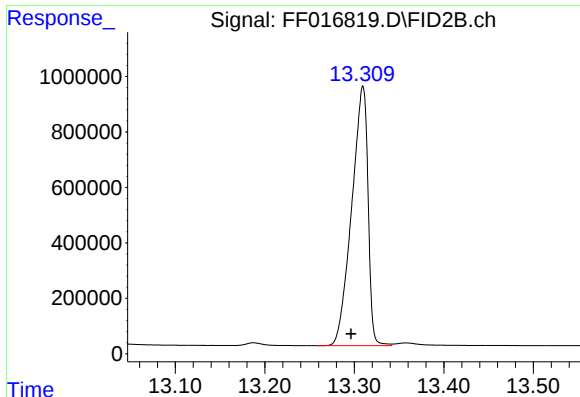
#11 ortho-Terphenyl (SURR)

R.T.: 11.952 min
Delta R.T.: 0.008 min
Response: 12906081
Conc: 86.77 ug/ml



#12 Fluoranthene (C21.85)

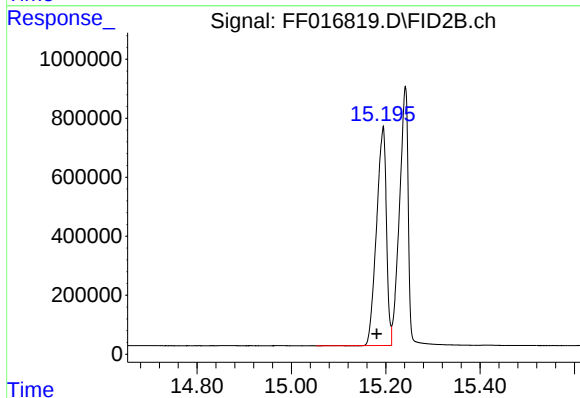
R.T.: 13.010 min
Delta R.T.: 0.012 min
Response: 12091448
Conc: 90.27 ug/ml



#13 Pyrene (C20.8)

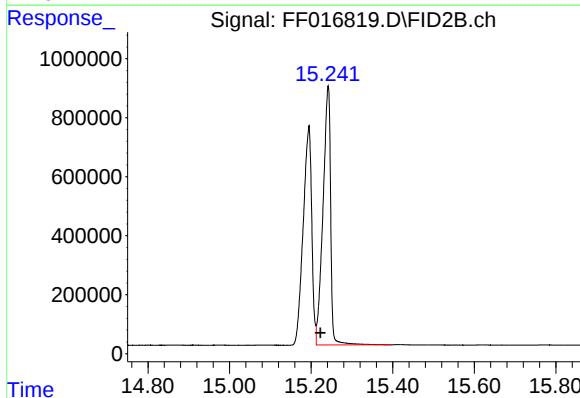
R.T.: 13.309 min
Delta R.T.: 0.013 min
Response: 11828276
Conc: 87.85 ug/ml

Instrument :
FID_E
ClientSampleId :



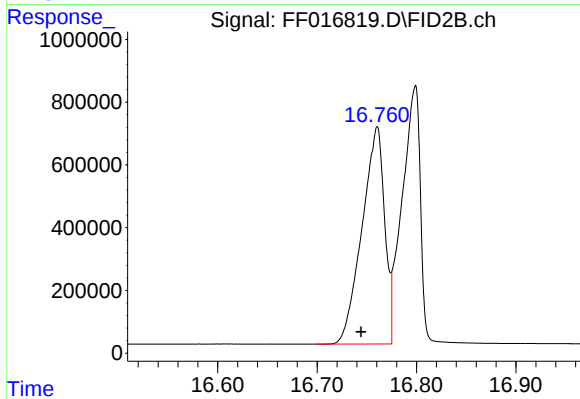
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.194 min
Delta R.T.: 0.013 min
Response: 10783852
Conc: 95.63 ug/ml



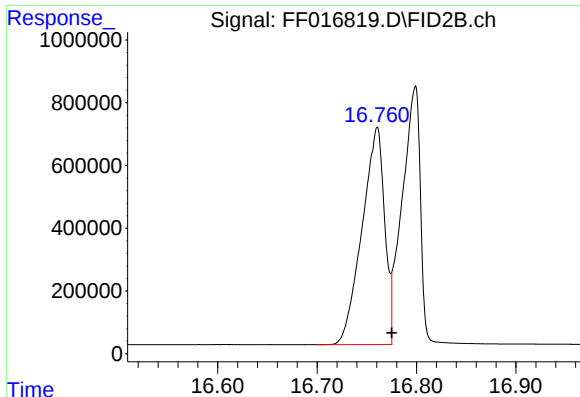
#15 Chrysene (C27.41)

R.T.: 15.241 min
Delta R.T.: 0.019 min
Response: 11437195
Conc: 82.93 ug/ml



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

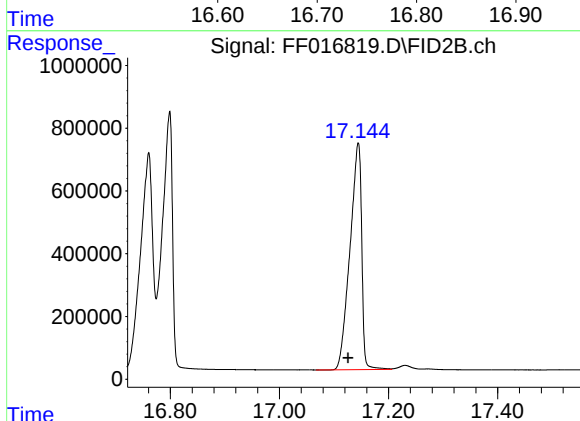
R.T.: 16.760 min
Delta R.T.: 0.016 min
Response: 10926837
Conc: 89.64 ug/ml



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

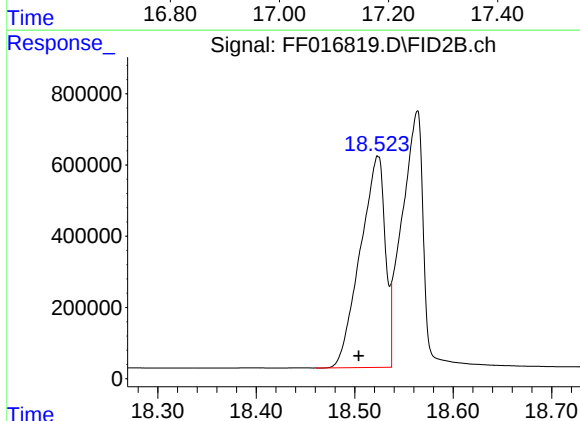
R.T.: 16.760 min
Delta R.T.: -0.015 min
Response: 10926837
Conc: 84.46 ug/ml

Instrument :
FID_E
ClientSampleId :



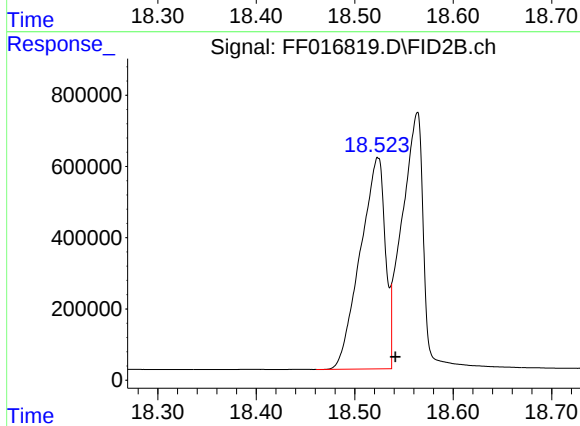
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.144 min
Delta R.T.: 0.018 min
Response: 10764168
Conc: 87.16 ug/ml



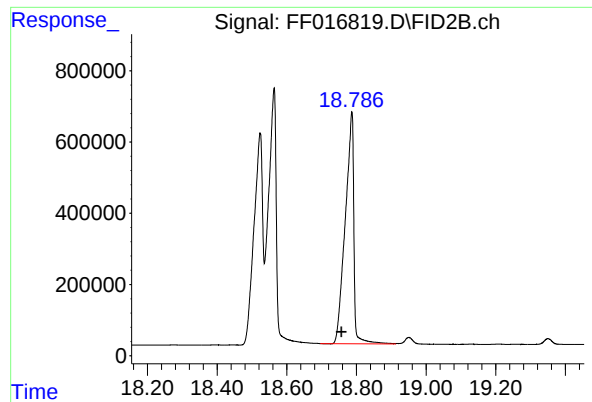
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.523 min
Delta R.T.: 0.019 min
Response: 10474667
Conc: 100.85 ug/ml



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

R.T.: 18.523 min
Delta R.T.: -0.018 min
Response: 10474667
Conc: 65.92 ug/ml



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

R.T.: 18.786 min
Delta R.T.: 0.029 min
Response: 11183735
Conc: 85.79 ug/ml

Instrument :

FID_E

ClientSampleId :