

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102925AR\
 Data File : FF016615.D
 Signal(s) : FID2B.ch
 Acq On : 29 Oct 2025 17:02
 Operator : YP\AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 100 PPM AROMATIC HC STD1

Integration File: autoint1.e
 Quant Time: Oct 29 18:23:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 29 18:17:22 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...	8.020	10784724	96.186 ug/ml
Spiked Amount 50.000		Recovery =	192.37%
6) S 2-Fluorobiphenyl (SURR)	8.898	7369223	100.635 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	201.27%#
11) S ortho-Terphenyl (SURR)	11.966	12863492	91.484 ug/ml
Spiked Amount 50.000		Recovery =	182.97%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.612	11756483	92.600 ug/ml
2) T Naphthalene (C11.7)	6.290	12375430	95.193 ug/ml
3) T 2-Methylnaphthalene (...)	7.392	12581917	95.354 ug/ml
5) T Acenaphthylene (C15.06)	8.698	12596663	95.092 ug/ml
7) T Acenaphthene (C15.5)	9.000	12623884	93.600 ug/ml
8) T Fluorene (C16.55)	9.789	12461128	96.338 ug/ml
9) T Phenanthrene (C19.36)	11.197	12496655	96.013 ug/ml
10) T Anthracene (C19.43)	11.275	12362442	94.622 ug/ml
12) T Fluoranthene (C21.85)	13.024	12414521	93.324 ug/ml
13) T Pyrene (C20.8)	13.324	12195023	92.028 ug/ml
14) T Benzo[a]anthracene (C...	15.210	11288315	98.399 ug/ml
15) T Chrysene (C27.41)	15.256	11659085	87.205 ug/ml
16) T benzo[b]fluoranthene ...	16.773	10519607	95.169 ug/ml
17) T Bnezo[k]fluoranthene ...	16.811	10026374	87.376 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.157	10016615	93.107 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.535	8927084	102.227 ug/ml
20) T Dibenz[a,h]anthracene...	18.574	9721553	80.805 ug/ml
21) T Benzo[g,h,i]perylene ...	18.795	9310639	91.046 ug/ml

(f)=RT Delta > 1/2 Window

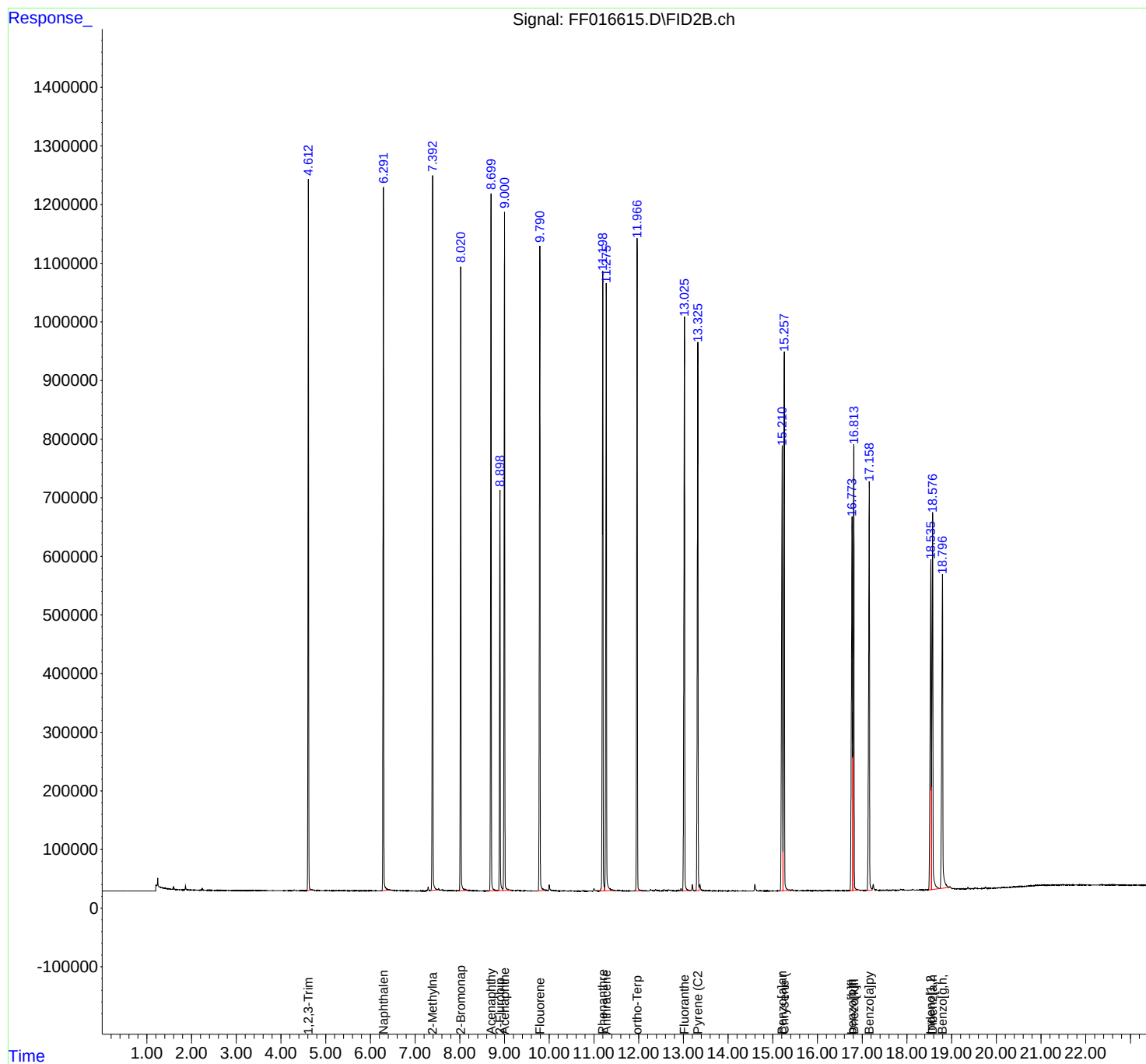
(m)=manual int.

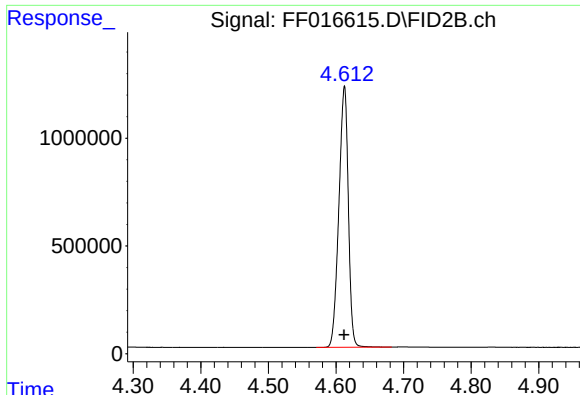
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#1 1,2,3-Trimethylbenzene (C10.1)

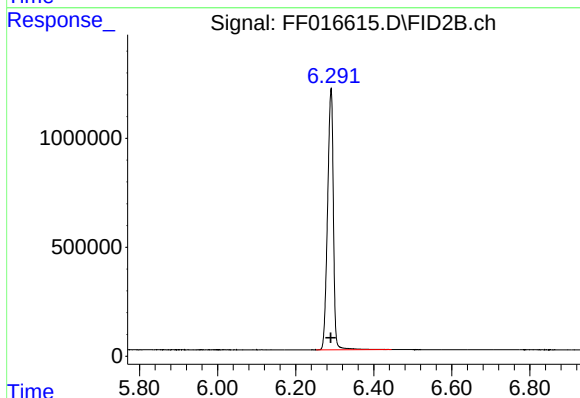
R.T.: 4.612 min
Delta R.T.: 0.000 min
Response: 11756483
Conc: 92.60 ug/ml

Instrument :

FID_F

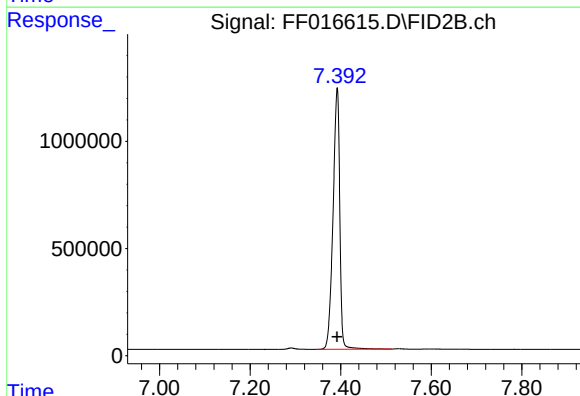
ClientSampleId :

100 PPM AROMATIC HC STD1



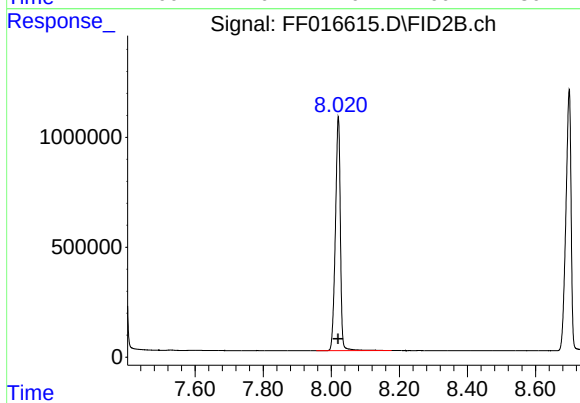
#2 Naphthalene (C11.7)

R.T.: 6.290 min
Delta R.T.: 0.000 min
Response: 12375430
Conc: 95.19 ug/ml



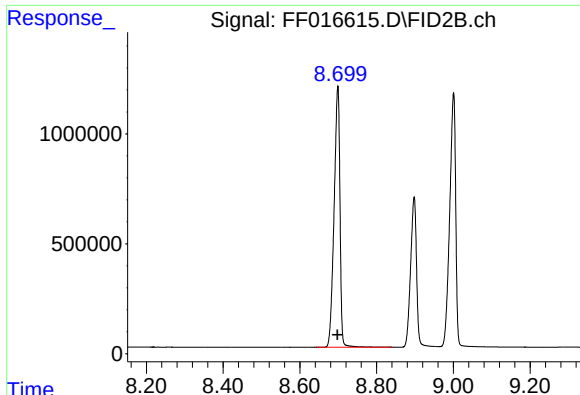
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.392 min
Delta R.T.: 0.000 min
Response: 12581917
Conc: 95.35 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 8.020 min
Delta R.T.: 0.000 min
Response: 10784724
Conc: 96.19 ug/ml



#5 Acenaphthylene (C15.06)

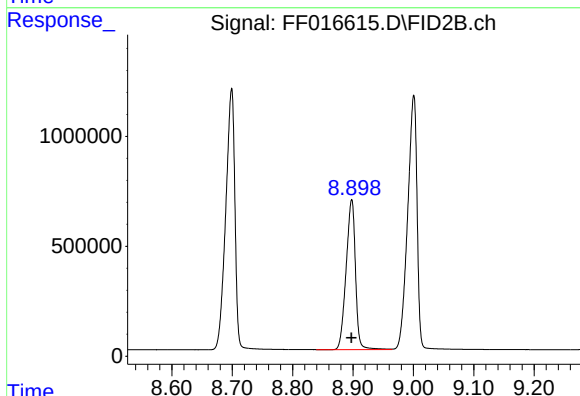
R.T.: 8.698 min
Delta R.T.: 0.000 min
Response: 12596663
Conc: 95.09 ug/ml

Instrument :

FID_F

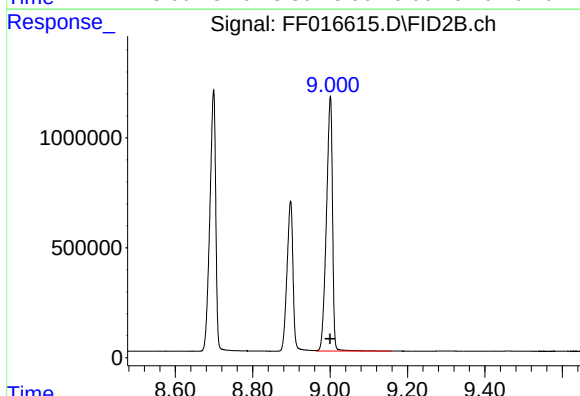
ClientSampleId :

100 PPM AROMATIC HC STD1



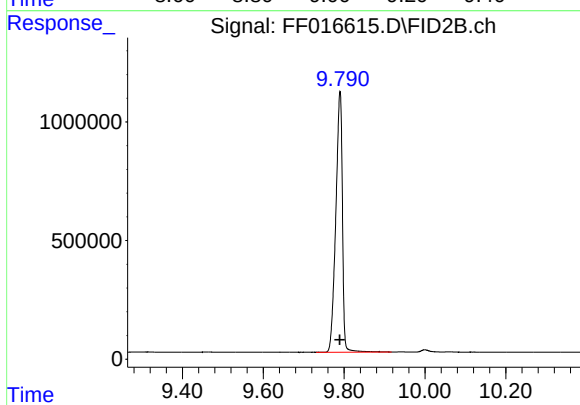
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.898 min
Delta R.T.: 0.000 min
Response: 7369223
Conc: 100.63 ug/ml



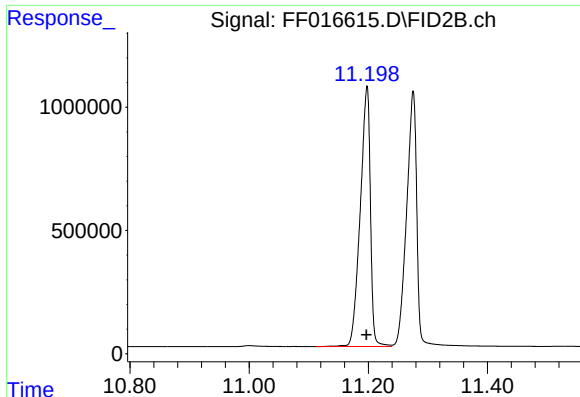
#7 Acenaphthene (C15.5)

R.T.: 9.000 min
Delta R.T.: 0.000 min
Response: 12623884
Conc: 93.60 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.789 min
Delta R.T.: 0.000 min
Response: 12461128
Conc: 96.34 ug/ml



#9 Phenanthrene (C19.36)

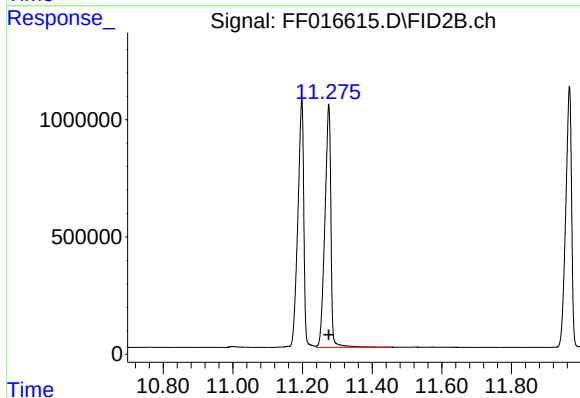
R.T.: 11.197 min
Delta R.T.: 0.000 min
Response: 12496655
Conc: 96.01 ug/ml

Instrument :

FID_F

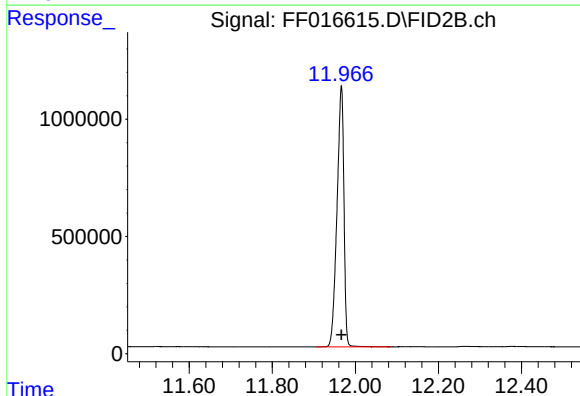
ClientSampleId :

100 PPM AROMATIC HC STD1



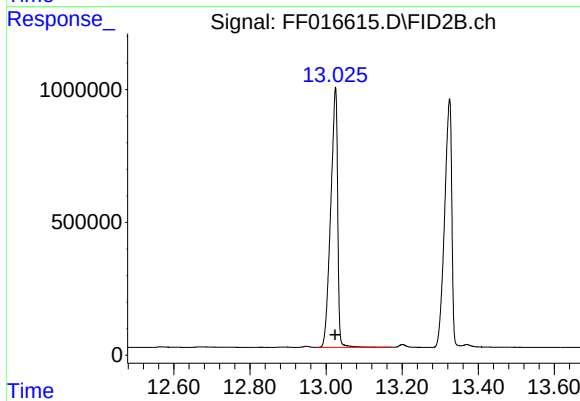
#10 Anthracene (C19.43)

R.T.: 11.275 min
Delta R.T.: 0.000 min
Response: 12362442
Conc: 94.62 ug/ml



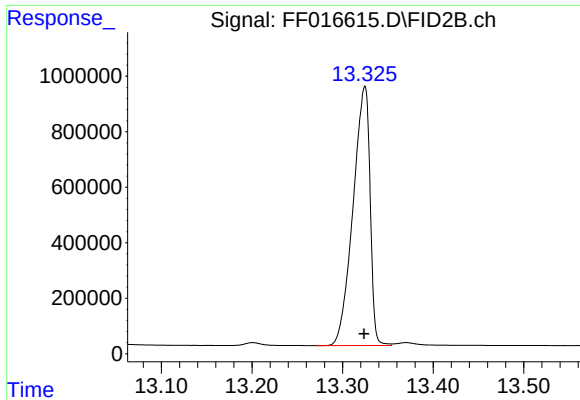
#11 ortho-Terphenyl (SURR)

R.T.: 11.966 min
Delta R.T.: 0.000 min
Response: 12863492
Conc: 91.48 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 13.024 min
Delta R.T.: 0.000 min
Response: 12414521
Conc: 93.32 ug/ml



#13 Pyrene (C20.8)

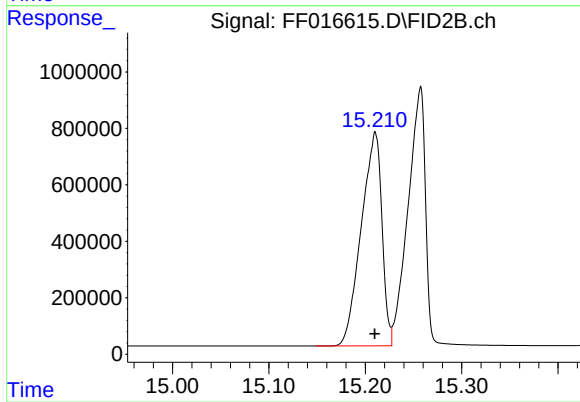
R.T.: 13.324 min
Delta R.T.: 0.000 min
Response: 12195023
Conc: 92.03 ug/ml

Instrument :

FID_F

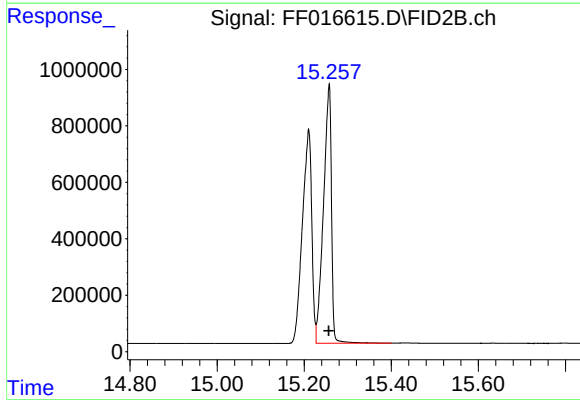
ClientSampleId :

100 PPM AROMATIC HC STD1



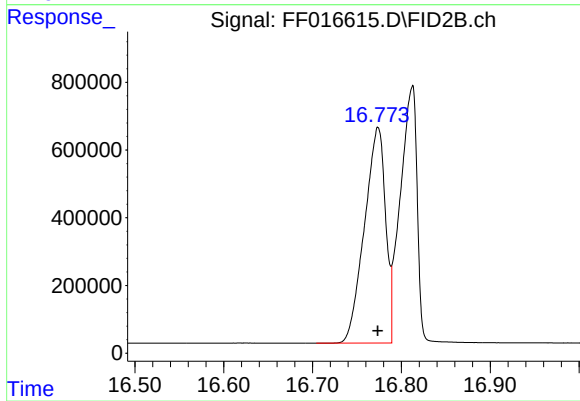
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.210 min
Delta R.T.: 0.000 min
Response: 11288315
Conc: 98.40 ug/ml



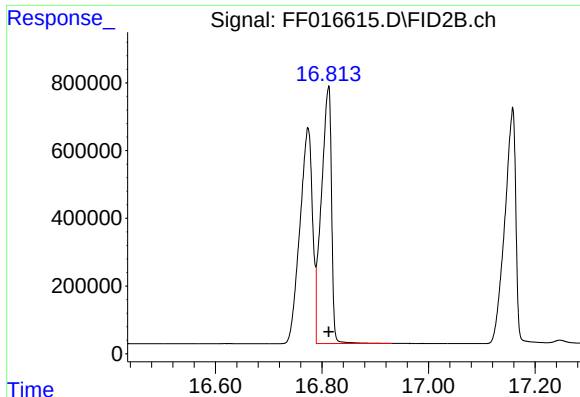
#15 Chrysene (C27.41)

R.T.: 15.256 min
Delta R.T.: 0.000 min
Response: 11659085
Conc: 87.20 ug/ml



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

R.T.: 16.773 min
Delta R.T.: 0.000 min
Response: 10519607
Conc: 95.17 ug/ml



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

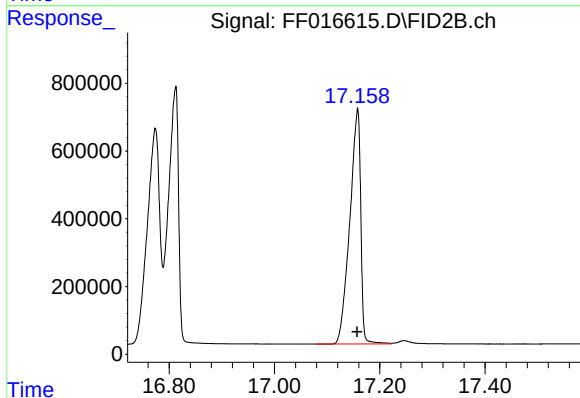
R.T.: 16.811 min
Delta R.T.: -0.002 min
Response: 10026374
Conc: 87.38 ug/ml

Instrument :

FID_F

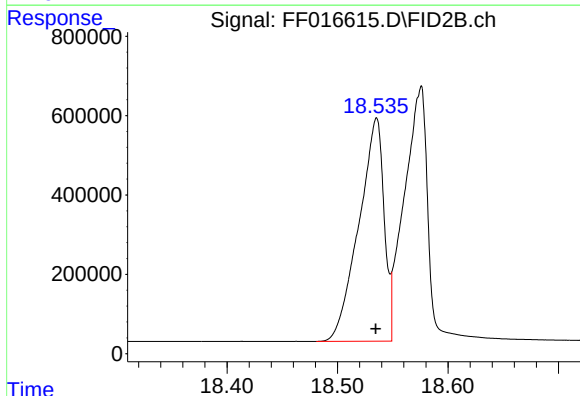
ClientSampleId :

100 PPM AROMATIC HC STD1



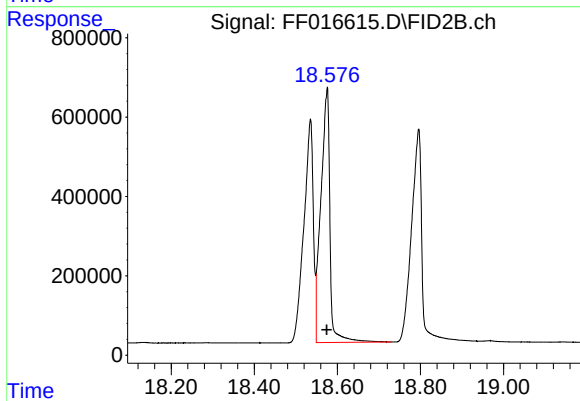
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.157 min
Delta R.T.: 0.000 min
Response: 10016615
Conc: 93.11 ug/ml



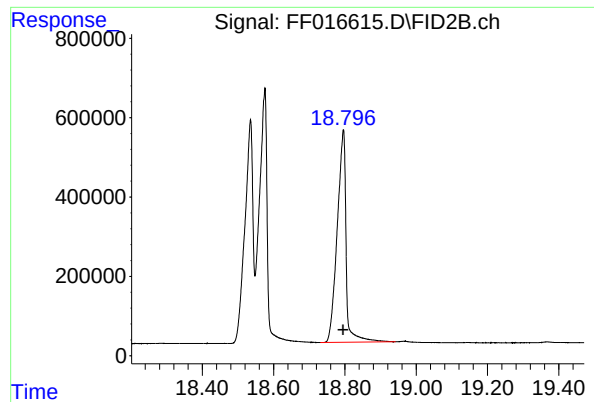
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.535 min
Delta R.T.: 0.000 min
Response: 8927084
Conc: 102.23 ug/ml



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

R.T.: 18.574 min
Delta R.T.: 0.000 min
Response: 9721553
Conc: 80.81 ug/ml



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

R.T.: 18.795 min
Delta R.T.: 0.000 min
Response: 9310639
Conc: 91.05 ug/ml

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