

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102925AR\
 Data File : FF016614.D
 Signal(s) : FID2B.ch
 Acq On : 29 Oct 2025 16:03
 Operator : YP\AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 10 PPM AROMATIC HC STD4

Integration File: autoint1.e
 Quant Time: Oct 29 16:23:19 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 29 16:23:08 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...	8.016	1114818	9.818 ug/ml
Spiked Amount 50.000		Recovery =	19.64%
6) S 2-Fluorobiphenyl (SURR)	8.892	680115	9.307 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	18.61%
11) S ortho-Terphenyl (SURR)	11.956	1506831	10.421 ug/ml
Spiked Amount 50.000		Recovery =	20.84%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.610	1344438	10.335 ug/ml
2) T Naphthalene (C11.7)	6.287	1323198	10.018 ug/ml
3) T 2-Methylnaphthalene (...)	7.386	1332113	9.942 ug/ml
5) T Acenaphthylene (C15.06)	8.690	1347256	10.007 ug/ml
7) T Acenaphthene (C15.5)	8.989	1391871	10.104 ug/ml
8) T Fluorene (C16.55)	9.780	1283089	9.800 ug/ml
9) T Phenanthrene (C19.36)	11.188	1307700	9.915 ug/ml
10) T Anthracene (C19.43)	11.264	1392293	10.469 ug/ml
12) T Fluoranthene (C21.85)	13.011	1379799	10.147 ug/ml
13) T Pyrene (C20.8)	13.309	1400612	10.296 ug/ml
14) T Benzo[a]anthracene (C...	15.196	1107100	9.599 ug/ml
15) T Chrysene (C27.41)	15.237	1496045	10.732 ug/ml
16) T benzo[b]fluoranthene ...	16.757	1102352	9.815 ug/ml
17) T Bnezo[k]fluoranthene ...	16.788	1292316	10.726 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.142	1115777	10.139 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.518	829806	9.573 ug/ml
20) T Dibenz[a,h]anthracene...	18.557	1439707	11.247 ug/ml
21) T Benzo[g,h,i]perylene ...	18.770	1093225	10.380 ug/ml

(f)=RT Delta > 1/2 Window

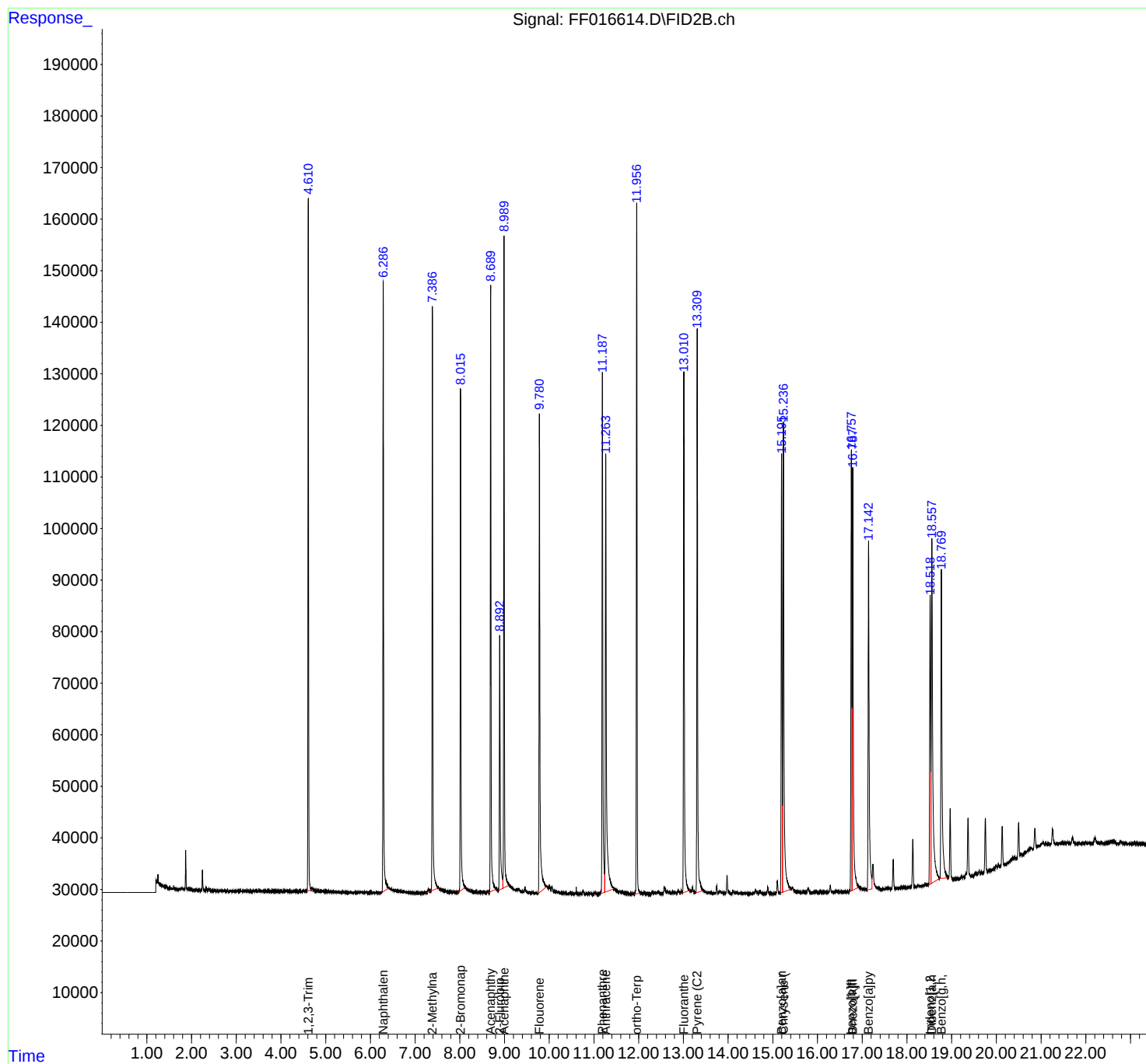
(m)=manual int.

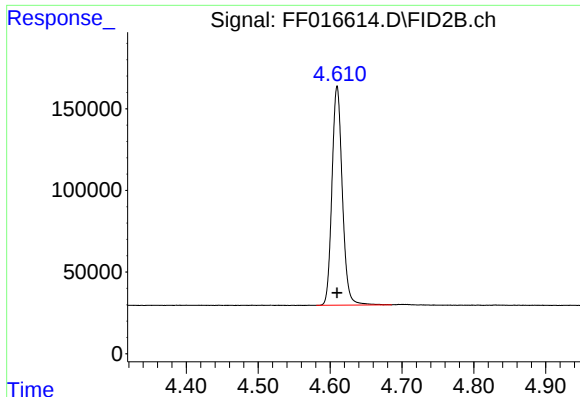
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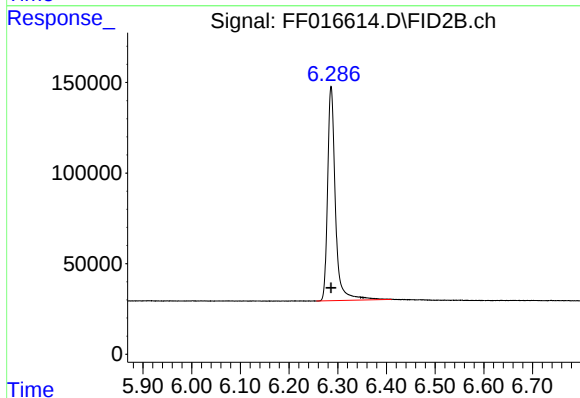




#1 1,2,3-Trimethylbenzene (C10.1)

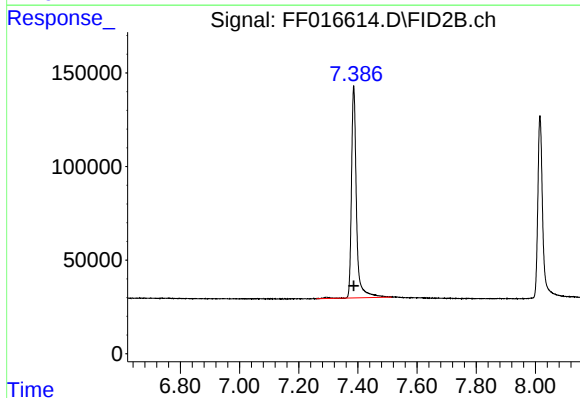
R.T.: 4.610 min
Delta R.T.: 0.000 min
Response: 1344438
Conc: 10.33 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM AROMATIC HC STD4



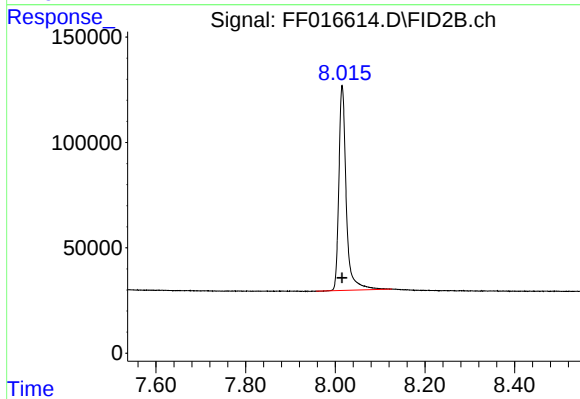
#2 Naphthalene (C11.7)

R.T.: 6.287 min
Delta R.T.: 0.000 min
Response: 1323198
Conc: 10.02 ug/ml



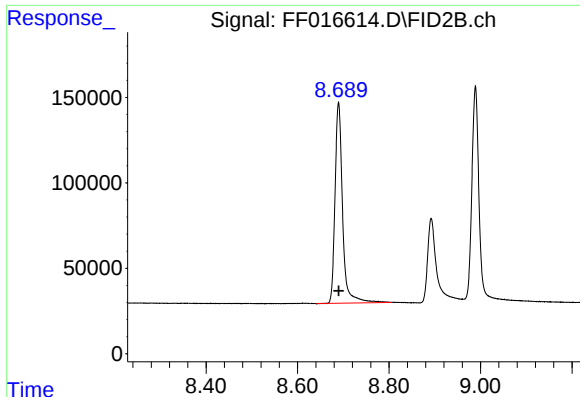
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.386 min
Delta R.T.: 0.000 min
Response: 1332113
Conc: 9.94 ug/ml



#4 2-Bromonaphthalene (SURR)

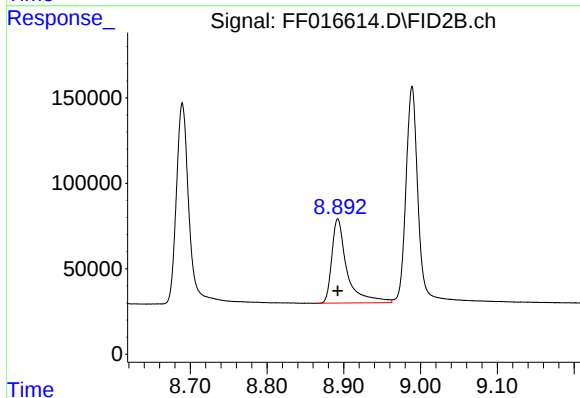
R.T.: 8.016 min
Delta R.T.: 0.000 min
Response: 1114818
Conc: 9.82 ug/ml



#5 Acenaphthylene (C15.06)

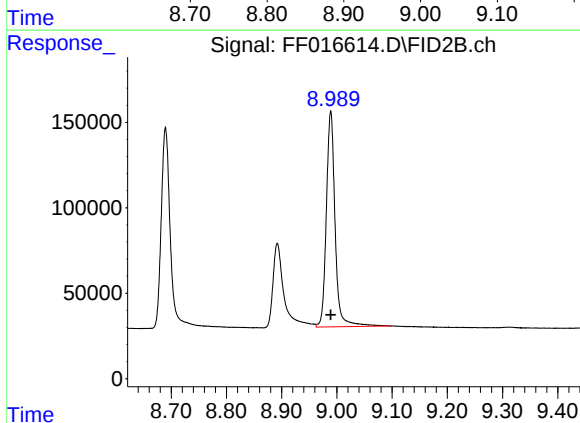
R.T.: 8.690 min
Delta R.T.: 0.000 min
Response: 1347256
Conc: 10.01 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM AROMATIC HC STD4



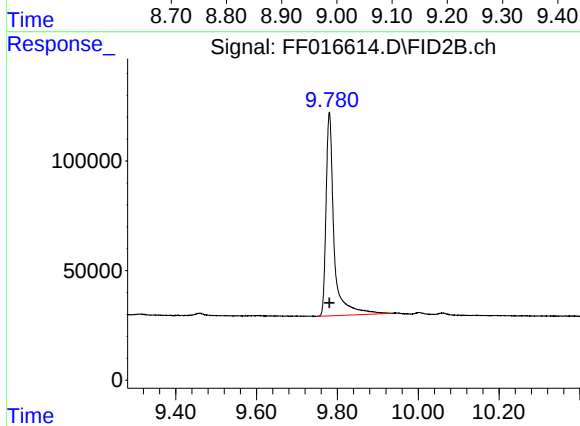
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.892 min
Delta R.T.: 0.000 min
Response: 680115
Conc: 9.31 ug/ml



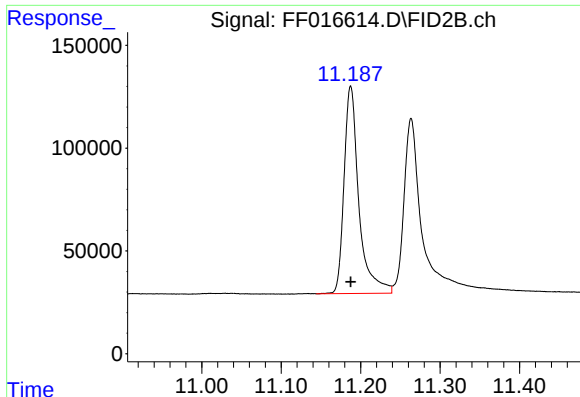
#7 Acenaphthene (C15.5)

R.T.: 8.989 min
Delta R.T.: 0.000 min
Response: 1391871
Conc: 10.10 ug/ml



#8 Flouorene (C16.55)

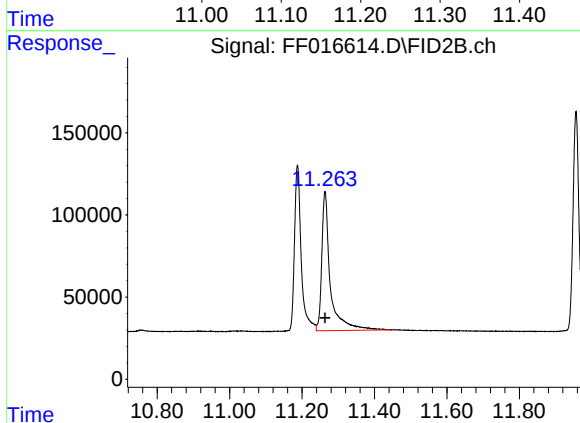
R.T.: 9.780 min
Delta R.T.: 0.000 min
Response: 1283089
Conc: 9.80 ug/ml



#9 Phenanthrene (C19.36)

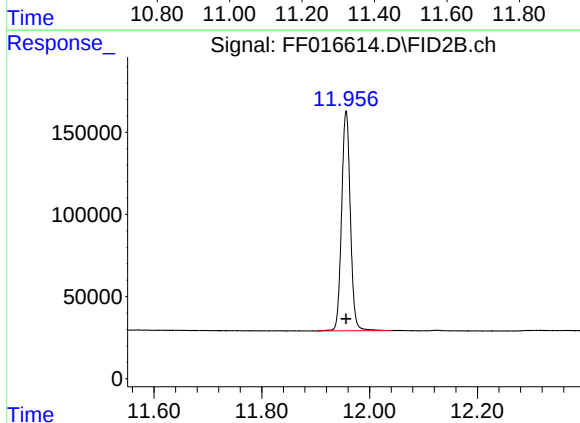
R.T.: 11.188 min
Delta R.T.: 0.000 min
Response: 1307700
Conc: 9.92 ug/ml

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10 PPM AROMATIC HC STD4



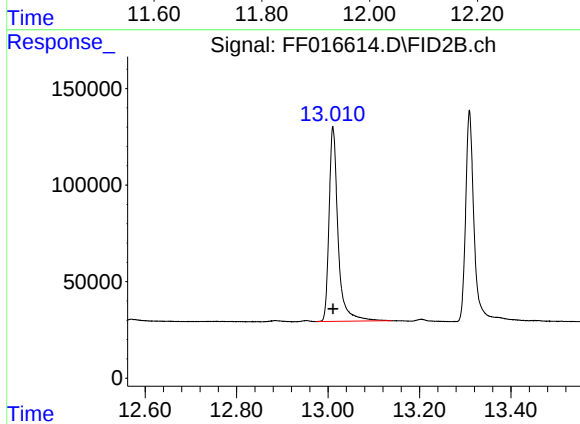
#10 Anthracene (C19.43)

R.T.: 11.264 min
Delta R.T.: 0.000 min
Response: 1392293
Conc: 10.47 ug/ml



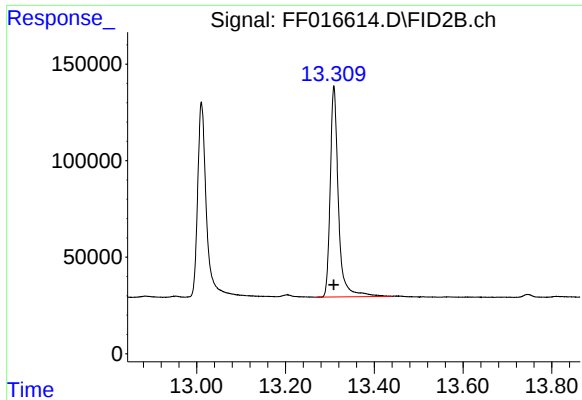
#11 ortho-Terphenyl (SURR)

R.T.: 11.956 min
Delta R.T.: 0.000 min
Response: 1506831
Conc: 10.42 ug/ml



#12 Fluoranthene (C21.85)

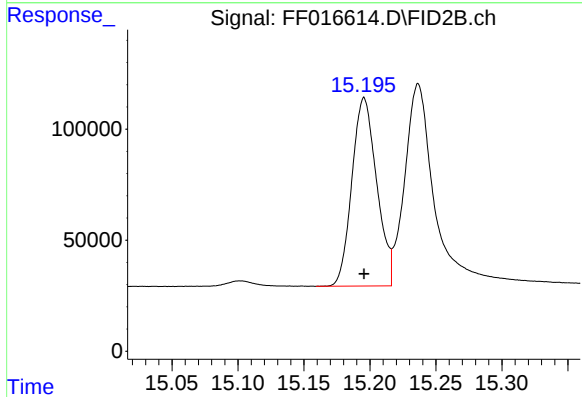
R.T.: 13.011 min
Delta R.T.: 0.000 min
Response: 1379799
Conc: 10.15 ug/ml



#13 Pyrene (C20.8)

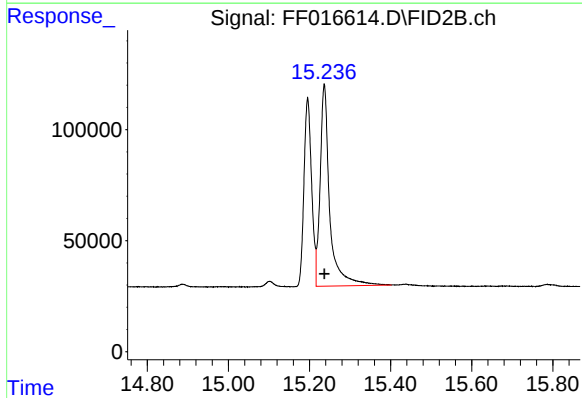
R.T.: 13.309 min
Delta R.T.: 0.000 min
Response: 1400612
Conc: 10.30 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM AROMATIC HC STD4



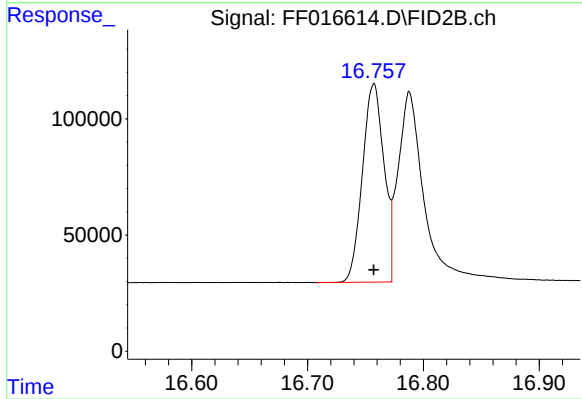
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.196 min
Delta R.T.: 0.000 min
Response: 1107100
Conc: 9.60 ug/ml



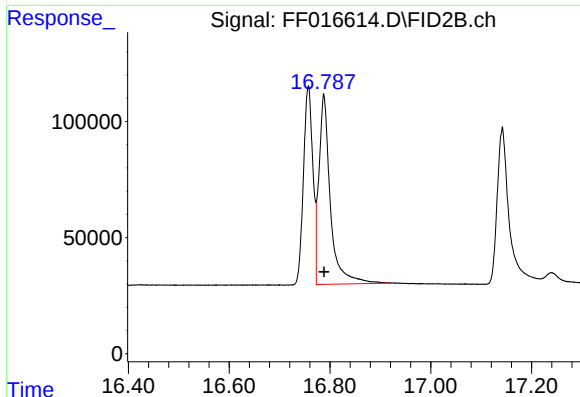
#15 Chrysene (C27.41)

R.T.: 15.237 min
Delta R.T.: 0.000 min
Response: 1496045
Conc: 10.73 ug/ml



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

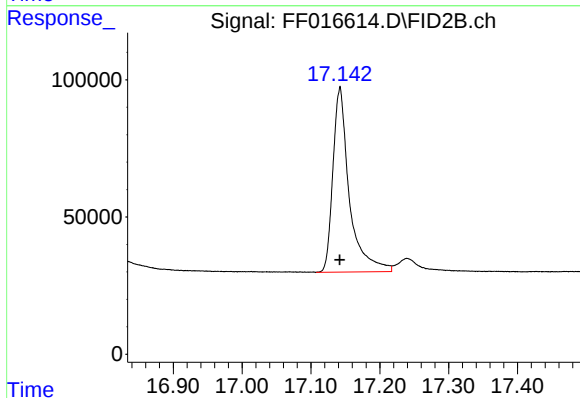
R.T.: 16.757 min
Delta R.T.: 0.000 min
Response: 1102352
Conc: 9.81 ug/ml



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

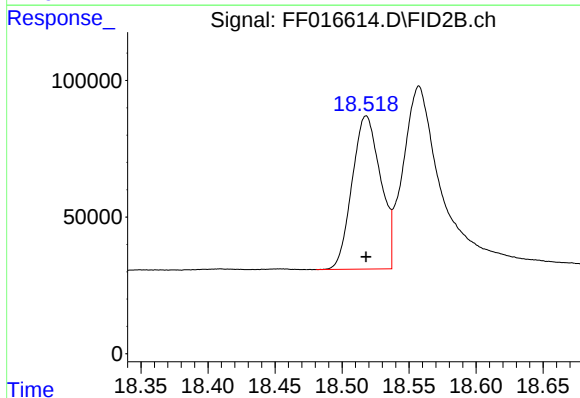
R.T.: 16.788 min
Delta R.T.: 0.000 min
Response: 1292316
Conc: 10.73 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM AROMATIC HC STD4



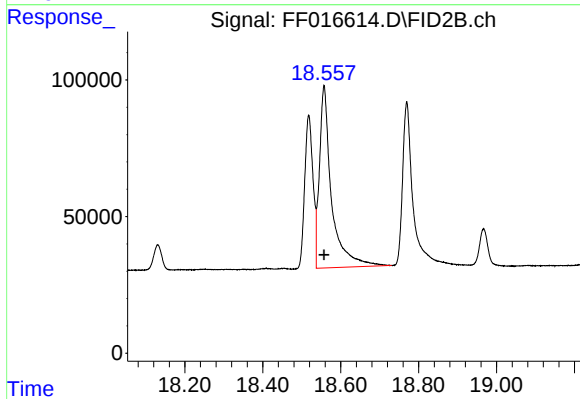
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.142 min
Delta R.T.: 0.000 min
Response: 1115777
Conc: 10.14 ug/ml



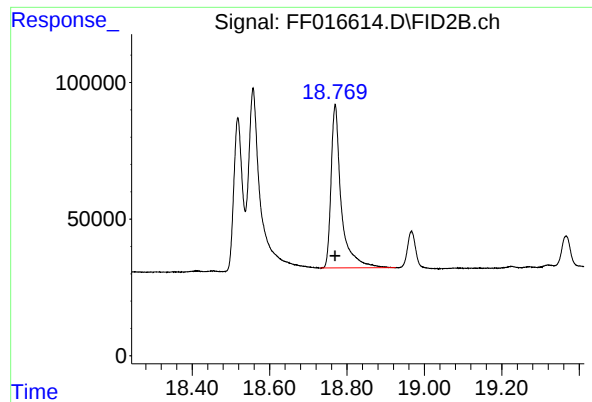
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.518 min
Delta R.T.: 0.000 min
Response: 829806
Conc: 9.57 ug/ml



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

R.T.: 18.557 min
Delta R.T.: 0.000 min
Response: 1439707
Conc: 11.25 ug/ml



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

R.T.: 18.770 min
Delta R.T.: 0.000 min
Response: 1093225
Conc: 10.38 ug/ml

Instrument :
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