

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF100225AR\
 Data File : FF016519.D
 Signal(s) : FID2B.ch
 Acq On : 02 Oct 2025 16:20
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD3
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD3

Integration File: autoint1.e
 Quant Time: Oct 03 04:06:59 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 100225.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 03 04:05:38 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...	8.024	2162903	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	8.899	1454781	20.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.00%
11) S ortho-Terphenyl (SURR)	11.967	2685199	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.618	2410045	20.000 ug/ml
2) T Naphthalene (C11.7)	6.295	2497332	20.000 ug/ml
3) T 2-Methylnaphthalene (...)	7.394	2542639	20.000 ug/ml
5) T Acenaphthylene (C15.06)	8.699	2541421	20.000 ug/ml
7) T Acenaphthene (C15.5)	8.999	2532515	20.000 ug/ml
8) T Flouorene (C16.55)	9.789	2529958	20.000 ug/ml
9) T Phenanthrene (C19.36)	11.196	2557731	20.000 ug/ml
10) T Anthracene (C19.43)	11.271	2522452	20.000 ug/ml
12) T Fluoranthene (C21.85)	13.020	2596537	20.000 ug/ml
13) T Pyrene (C20.8)	13.319	2513931	20.000 ug/ml
14) T Benzo[a]anthracene (C...	15.203	2395535	20.000 ug/ml
15) T Chrysene (C27.41)	15.245	2586130	20.000 ug/ml
16) T benzo[b]fluoranthene ...	16.764	2340689	20.000 ug/ml
17) T Bnezo[k]fluoranthene ...	16.795	2327680	20.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.145	2295357	20.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.520	1956625	20.000 ug/ml
20) T Dibenz[a,h]anthracene...	18.559	2438098	20.000 ug/ml
21) T Benzo[g,h,i]perylene ...	18.775	2154613	20.000 ug/ml

(f)=RT Delta > 1/2 Window

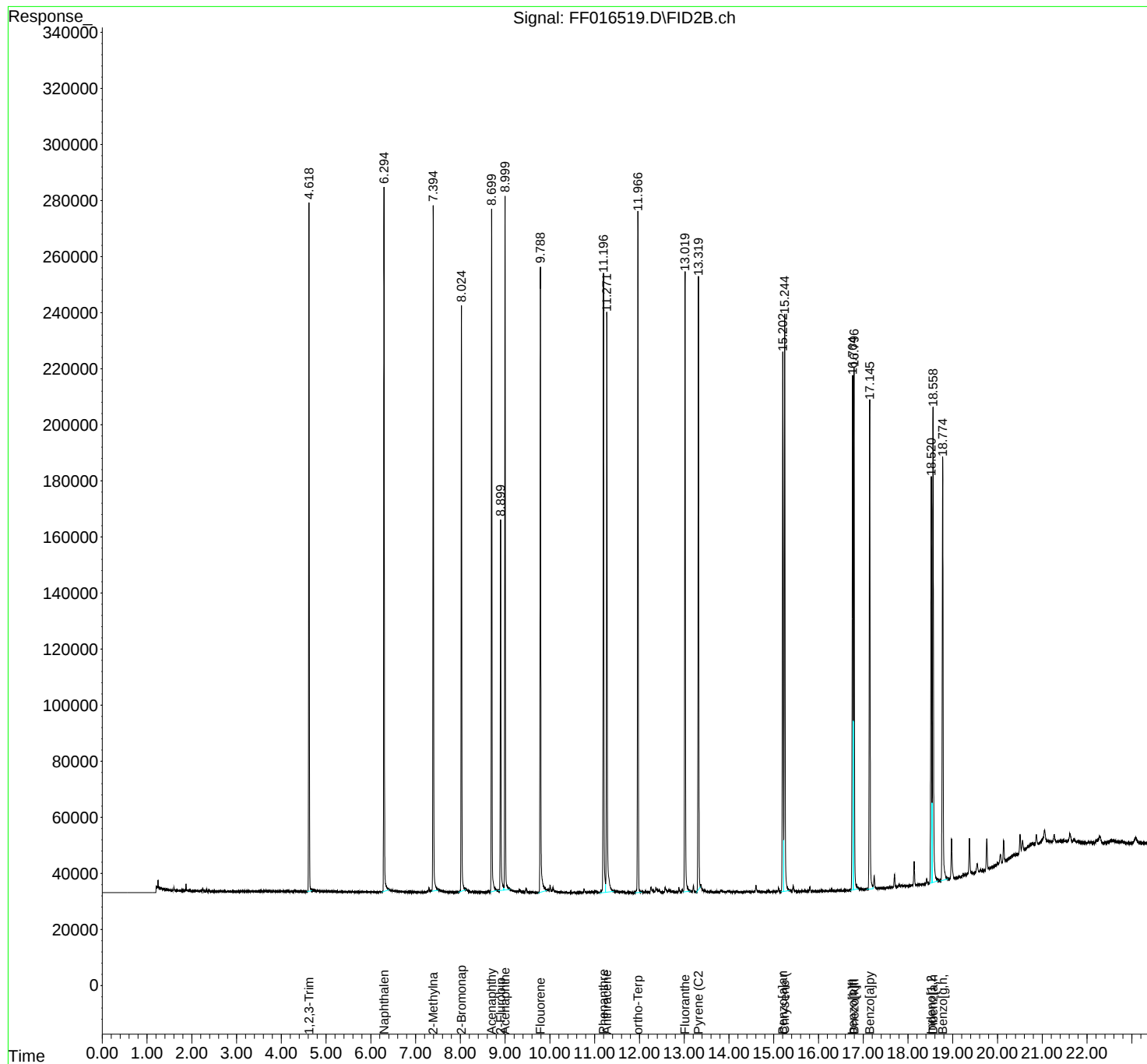
(m)=manual int.

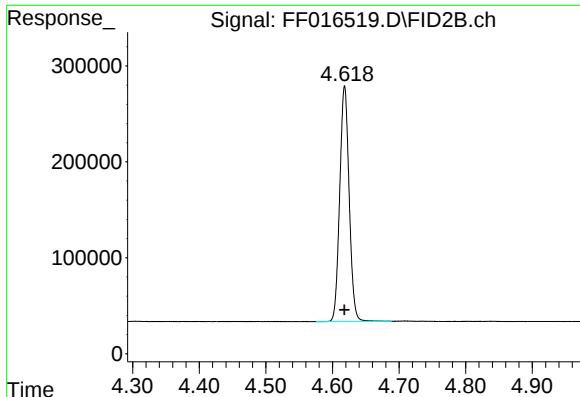
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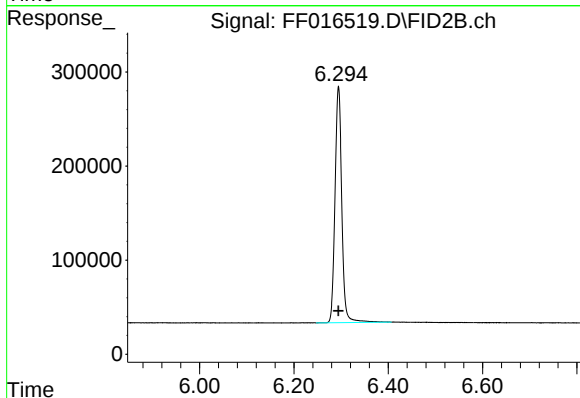




#1 1,2,3-Trimethylbenzene (C10.1)

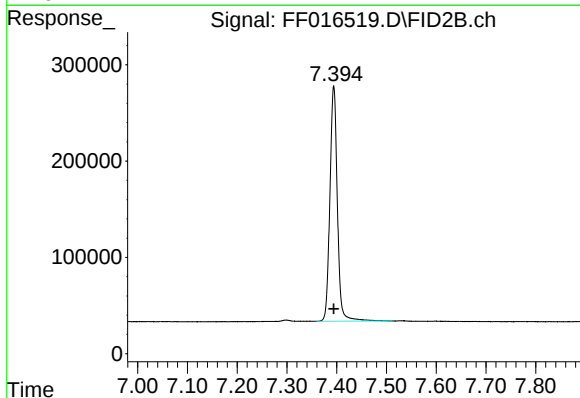
R.T.: 4.618 min
Delta R.T.: 0.000 min
Response: 2410045
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD3



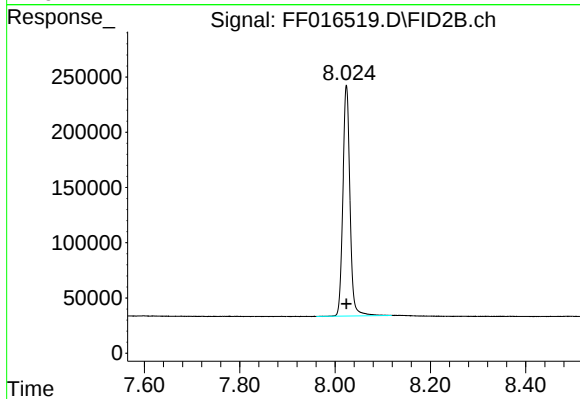
#2 Naphthalene (C11.7)

R.T.: 6.295 min
Delta R.T.: 0.000 min
Response: 2497332
Conc: 20.00 ug/ml



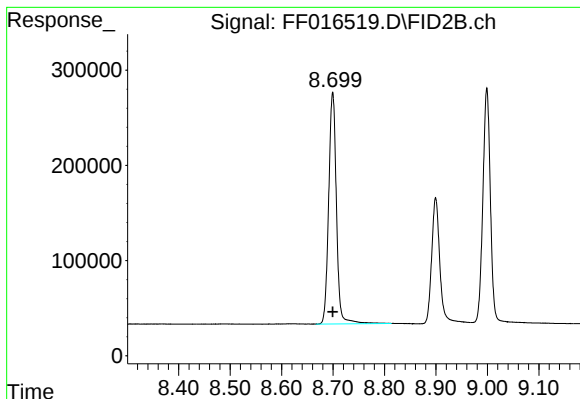
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.394 min
Delta R.T.: 0.000 min
Response: 2542639
Conc: 20.00 ug/ml



#4 2-Bromonaphthalene (SURR)

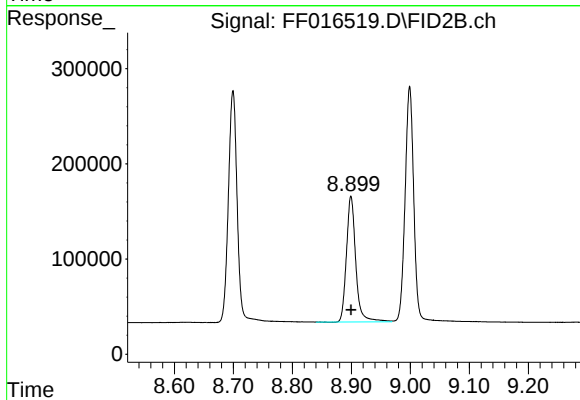
R.T.: 8.024 min
Delta R.T.: 0.000 min
Response: 2162903
Conc: 20.00 ug/ml



#5 Acenaphthylene (C15.06)

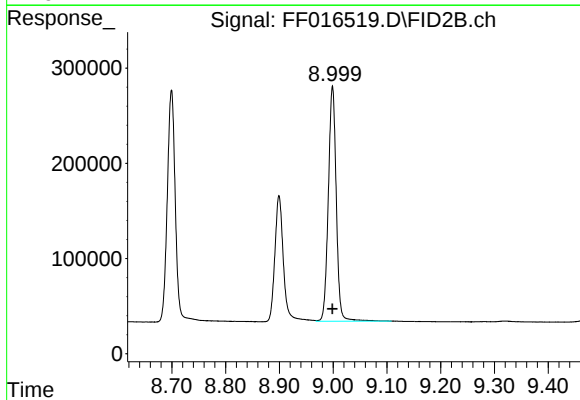
R.T.: 8.699 min
Delta R.T.: 0.000 min
Response: 2541421
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD3



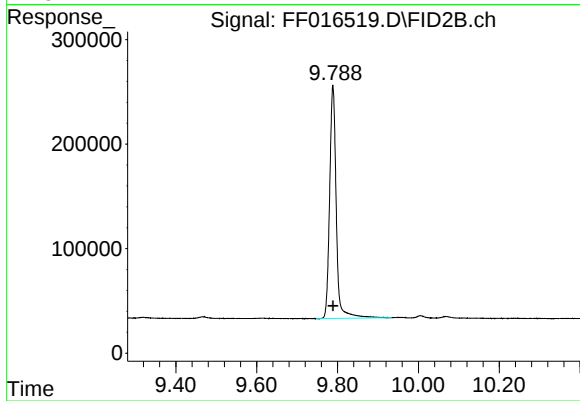
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.899 min
Delta R.T.: 0.000 min
Response: 1454781
Conc: 20.00 ug/ml



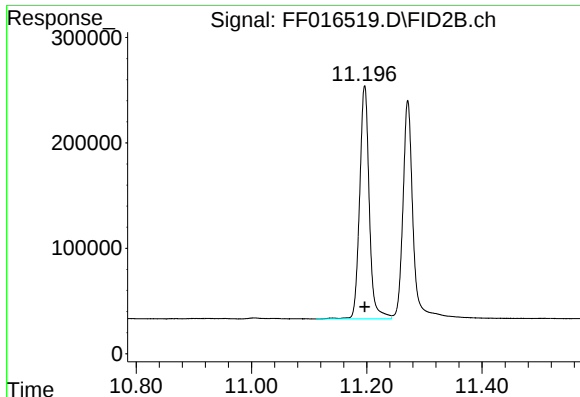
#7 Acenaphthene (C15.5)

R.T.: 8.999 min
Delta R.T.: 0.000 min
Response: 2532515
Conc: 20.00 ug/ml



#8 Fluorene (C16.55)

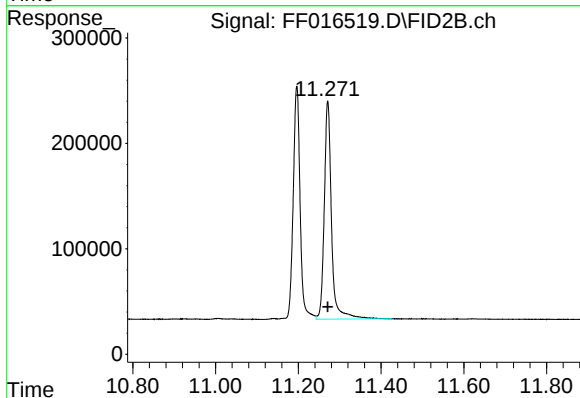
R.T.: 9.789 min
Delta R.T.: 0.000 min
Response: 2529958
Conc: 20.00 ug/ml



#9 Phenanthrene (C19.36)

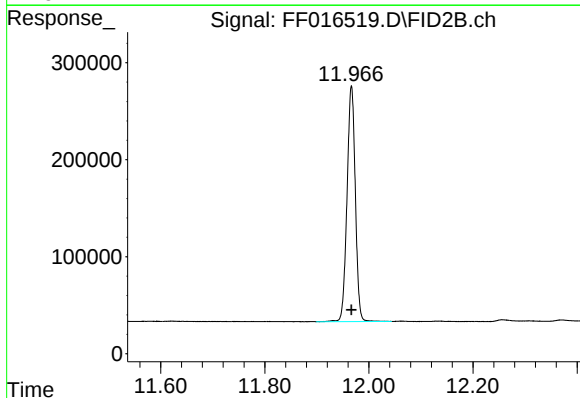
R.T.: 11.196 min
Delta R.T.: 0.000 min
Response: 2557731
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD3



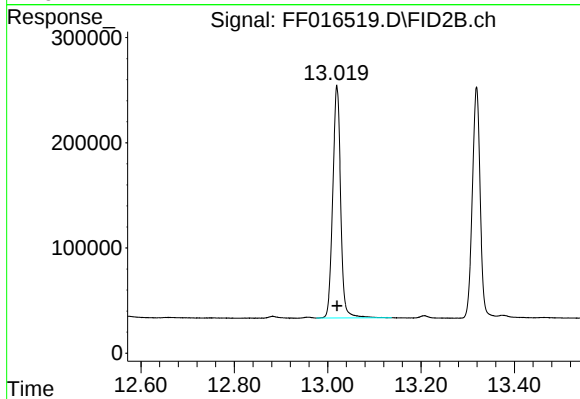
#10 Anthracene (C19.43)

R.T.: 11.271 min
Delta R.T.: 0.000 min
Response: 2522452
Conc: 20.00 ug/ml



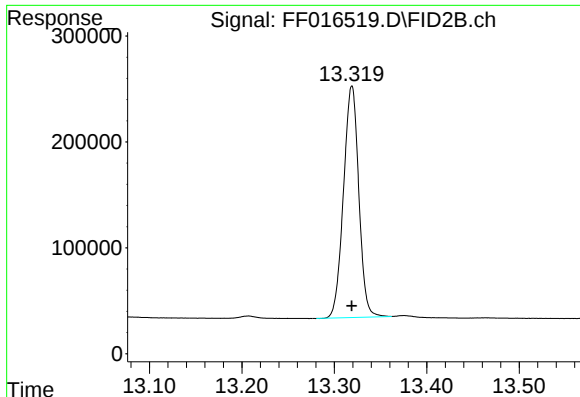
#11 ortho-Terphenyl (SURR)

R.T.: 11.967 min
Delta R.T.: 0.000 min
Response: 2685199
Conc: 20.00 ug/ml



#12 Fluoranthene (C21.85)

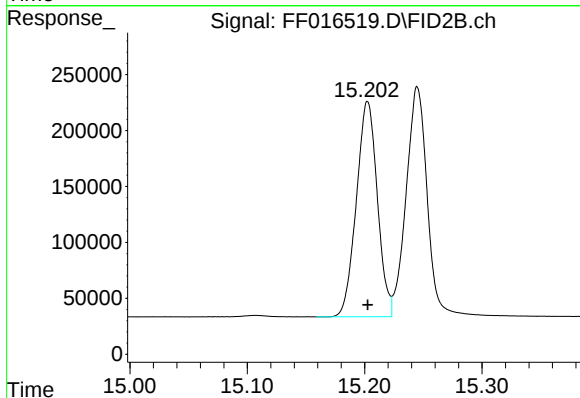
R.T.: 13.020 min
Delta R.T.: 0.000 min
Response: 2596537
Conc: 20.00 ug/ml



#13 Pyrene (C20.8)

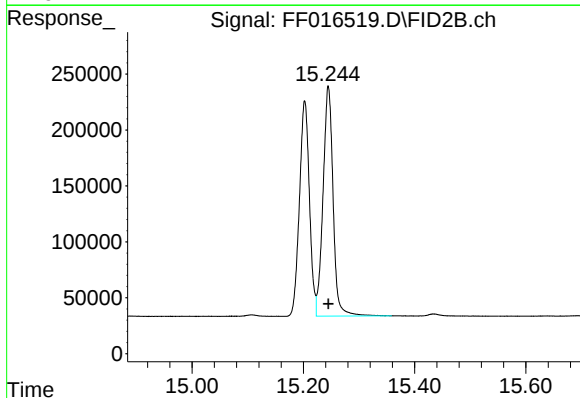
R.T.: 13.319 min
Delta R.T.: 0.000 min
Response: 2513931
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD3



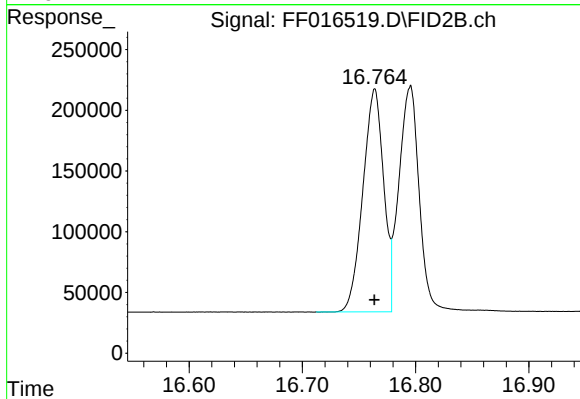
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.203 min
Delta R.T.: 0.000 min
Response: 2395535
Conc: 20.00 ug/ml



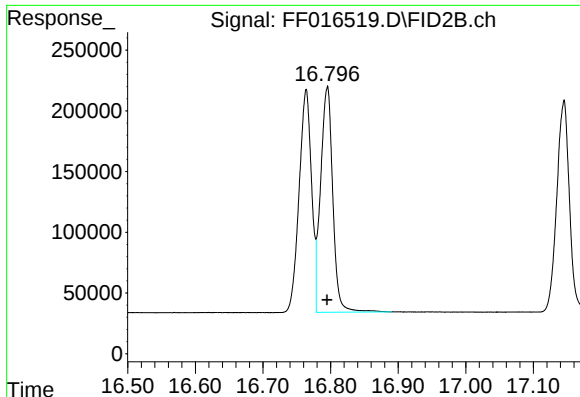
#15 Chrysene (C27.41)

R.T.: 15.245 min
Delta R.T.: 0.000 min
Response: 2586130
Conc: 20.00 ug/ml



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

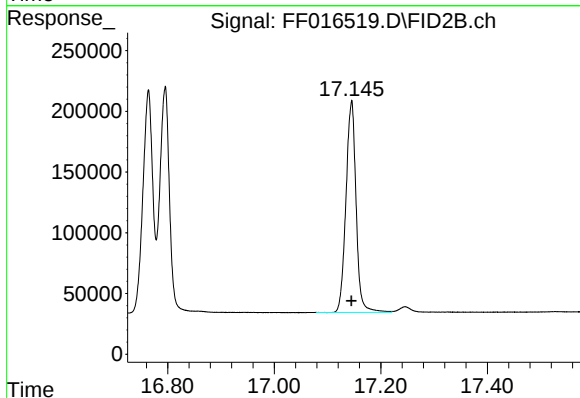
R.T.: 16.764 min
Delta R.T.: 0.000 min
Response: 2340689
Conc: 20.00 ug/ml



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

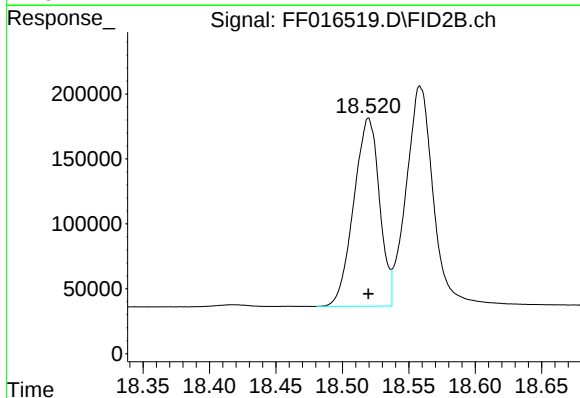
R.T.: 16.795 min
Delta R.T.: 0.000 min
Response: 2327680
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD3



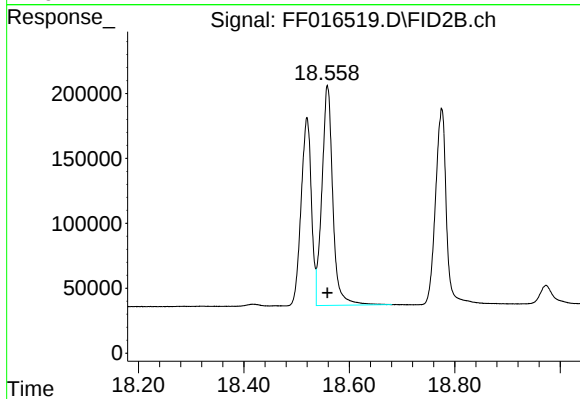
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.145 min
Delta R.T.: 0.000 min
Response: 2295357
Conc: 20.00 ug/ml



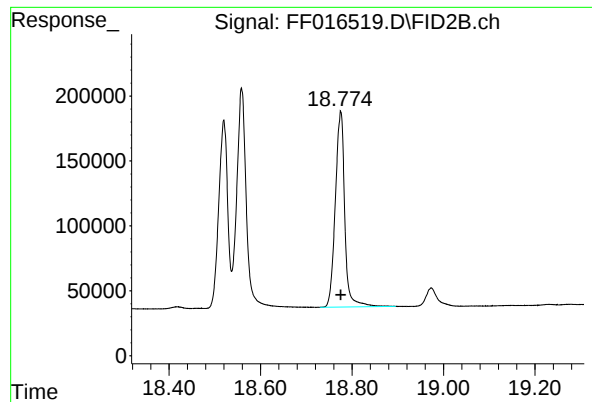
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.520 min
Delta R.T.: 0.000 min
Response: 1956625
Conc: 20.00 ug/ml



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

R.T.: 18.559 min
Delta R.T.: 0.000 min
Response: 2438098
Conc: 20.00 ug/ml



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

R.T.: 18.775 min
Delta R.T.: 0.000 min
Response: 2154613
Conc: 20.00 ug/ml

Instrument :
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ClientSampleId :
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