

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102925AR\
 Data File : FF016613.D
 Signal(s) : FID2B.ch
 Acq On : 29 Oct 2025 15:34
 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 29 15:52:08 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 29 15:51:42 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...	8.015	2188328	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	8.892	1409920	20.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.00%
11) S ortho-Terphenyl (SURR)	11.958	2764019	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.609	2499255	20.000 ug/ml
2) T Naphthalene (C11.7)	6.286	2541430	20.000 ug/ml
3) T 2-Methylnaphthalene (...)	7.386	2593205	20.000 ug/ml
5) T Acenaphthylene (C15.06)	8.691	2589687	20.000 ug/ml
7) T Acenaphthene (C15.5)	8.990	2658824	20.000 ug/ml
8) T Flouorene (C16.55)	9.780	2497592	20.000 ug/ml
9) T Phenanthrene (C19.36)	11.188	2524485	20.000 ug/ml
10) T Anthracene (C19.43)	11.263	2553370	20.000 ug/ml
12) T Fluoranthene (C21.85)	13.012	2609311	20.000 ug/ml
13) T Pyrene (C20.8)	13.310	2625482	20.000 ug/ml
14) T Benzo[a]anthracene (C...	15.195	2209088	20.000 ug/ml
15) T Chrysene (C27.41)	15.237	2678032	20.000 ug/ml
16) T benzo[b]fluoranthene ...	16.758	2142581	20.000 ug/ml
17) T Bnezo[k]fluoranthene ...	16.789	2316361	20.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.140	2101637	20.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.516	1612453	20.000 ug/ml
20) T Dibenz[a,h]anthracene...	18.556	2405800	20.000 ug/ml
21) T Benzo[g,h,i]perylene ...	18.769	1985462	20.000 ug/ml

(f)=RT Delta > 1/2 Window

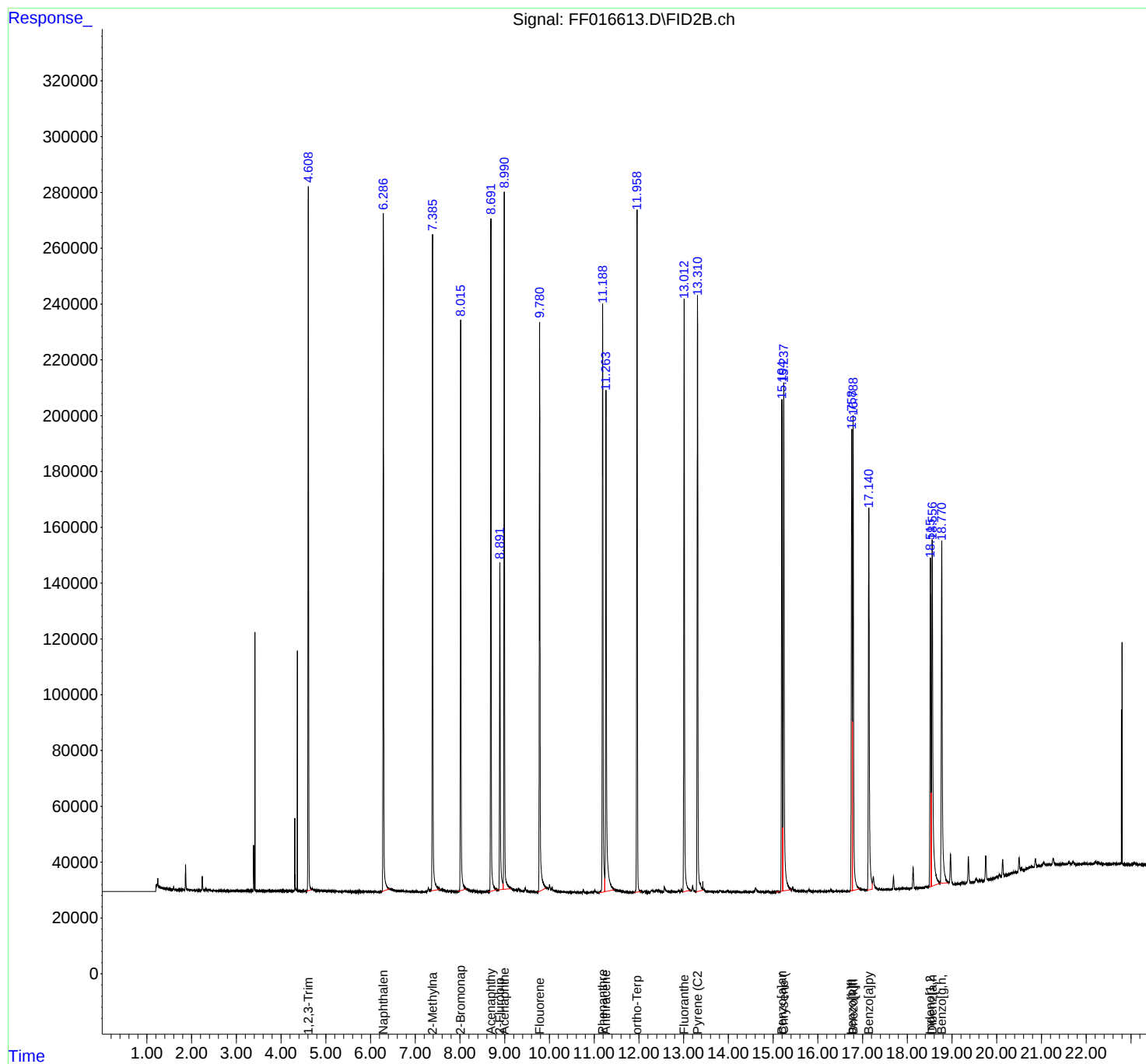
(m)=manual int.

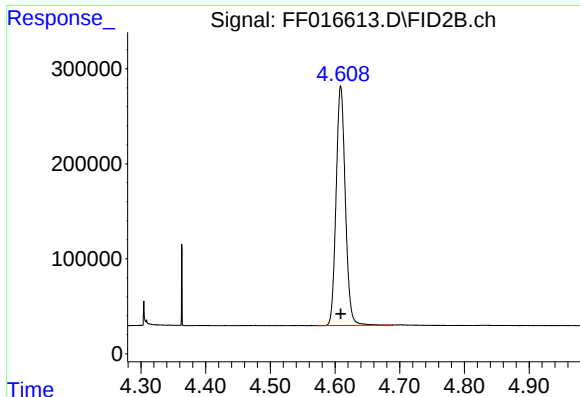
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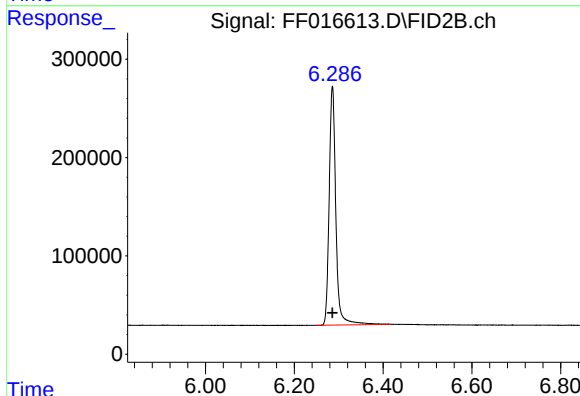




#1 1,2,3-Trimethylbenzene (C10.1)

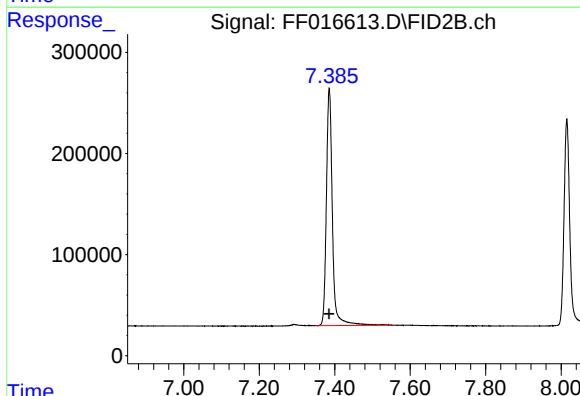
R.T.: 4.609 min
Delta R.T.: 0.000 min
Response: 2499255
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD3



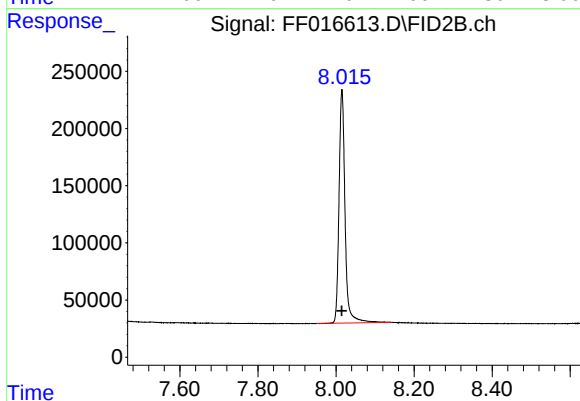
#2 Naphthalene (C11.7)

R.T.: 6.286 min
Delta R.T.: 0.000 min
Response: 2541430
Conc: 20.00 ug/ml



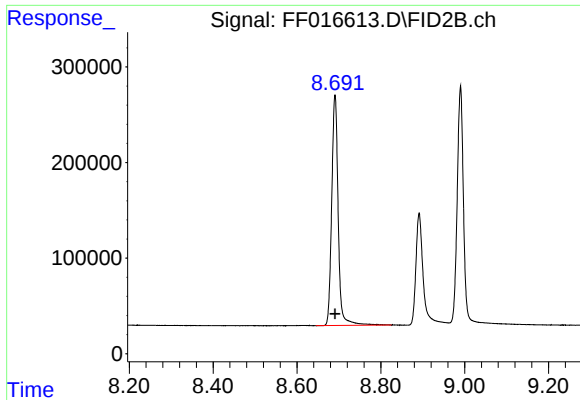
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.386 min
Delta R.T.: 0.000 min
Response: 2593205
Conc: 20.00 ug/ml



#4 2-Bromonaphthalene (SURR)

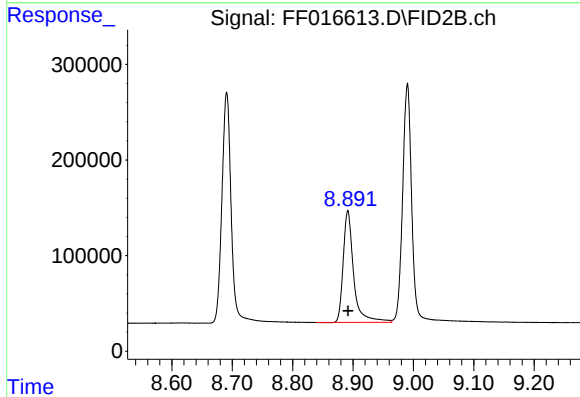
R.T.: 8.015 min
Delta R.T.: 0.000 min
Response: 2188328
Conc: 20.00 ug/ml



#5 Acenaphthylene (C15.06)

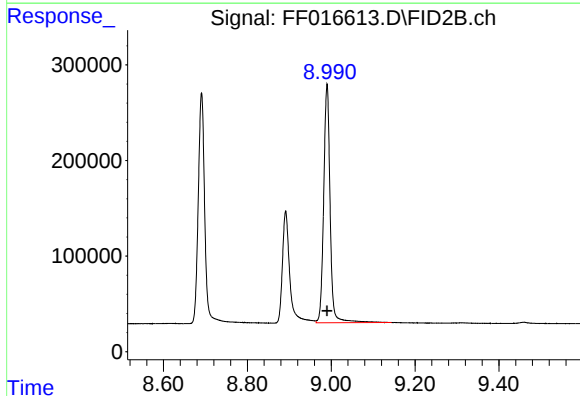
R.T.: 8.691 min
Delta R.T.: 0.000 min
Response: 2589687
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD3



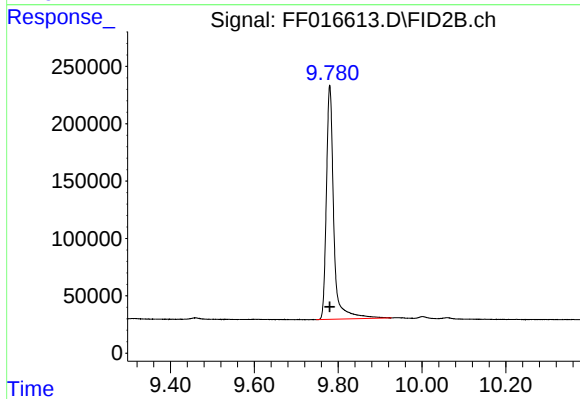
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.892 min
Delta R.T.: 0.000 min
Response: 1409920
Conc: 20.00 ug/ml



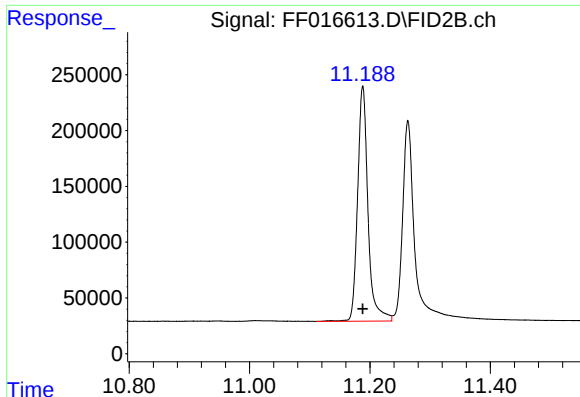
#7 Acenaphthene (C15.5)

R.T.: 8.990 min
Delta R.T.: 0.000 min
Response: 2658824
Conc: 20.00 ug/ml



#8 Fluorene (C16.55)

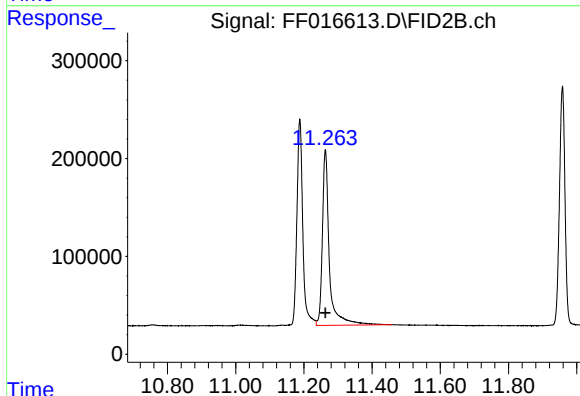
R.T.: 9.780 min
Delta R.T.: 0.000 min
Response: 2497592
Conc: 20.00 ug/ml



#9 Phenanthrene (C19.36)

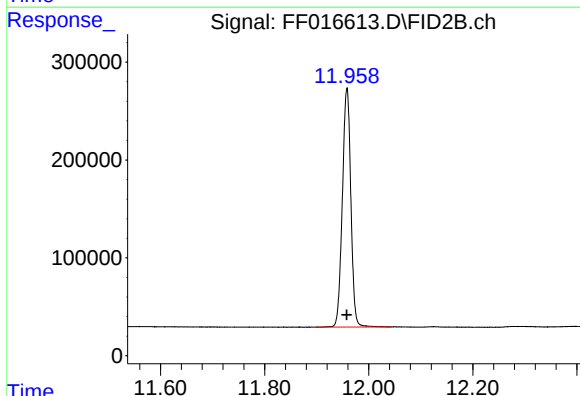
R.T.: 11.188 min
Delta R.T.: 0.000 min
Response: 2524485
Conc: 20.00 ug/ml

Instrument :
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20 PPM AROMATIC HC STD3



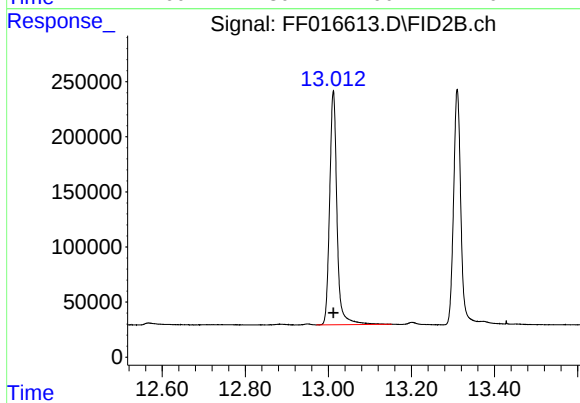
#10 Anthracene (C19.43)

R.T.: 11.263 min
Delta R.T.: 0.000 min
Response: 2553370
Conc: 20.00 ug/ml



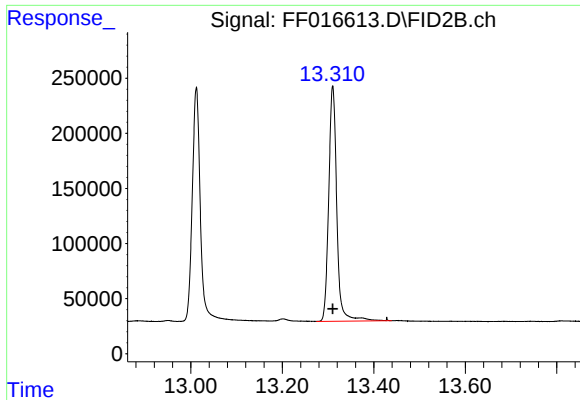
#11 ortho-Terphenyl (SURR)

R.T.: 11.958 min
Delta R.T.: 0.000 min
Response: 2764019
Conc: 20.00 ug/ml



#12 Fluoranthene (C21.85)

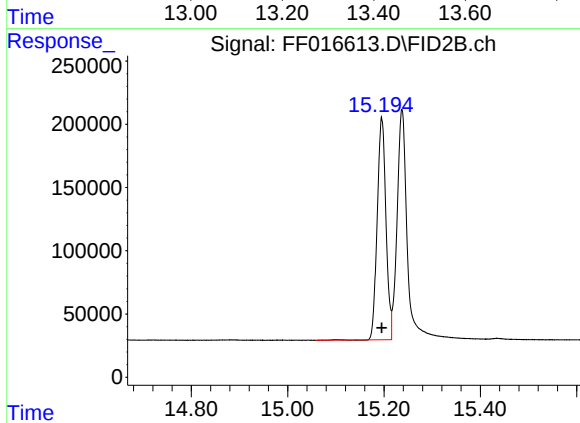
R.T.: 13.012 min
Delta R.T.: 0.000 min
Response: 2609311
Conc: 20.00 ug/ml



#13 Pyrene (C20.8)

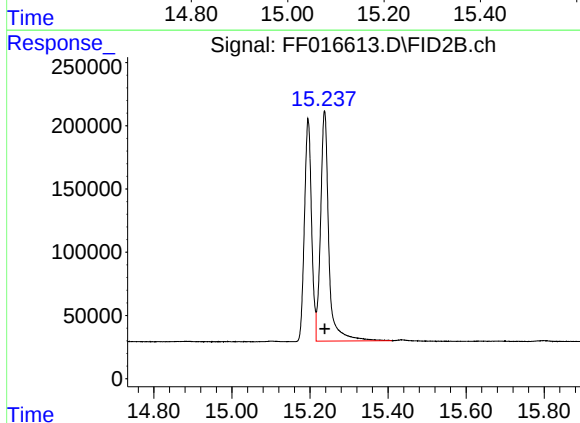
R.T.: 13.310 min
Delta R.T.: 0.000 min
Response: 2625482
Conc: 20.00 ug/ml

Instrument :
FID_F
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20 PPM AROMATIC HC STD3



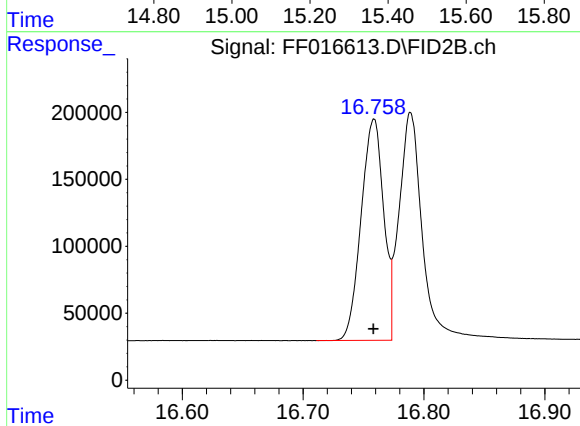
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.195 min
Delta R.T.: 0.000 min
Response: 2209088
Conc: 20.00 ug/ml



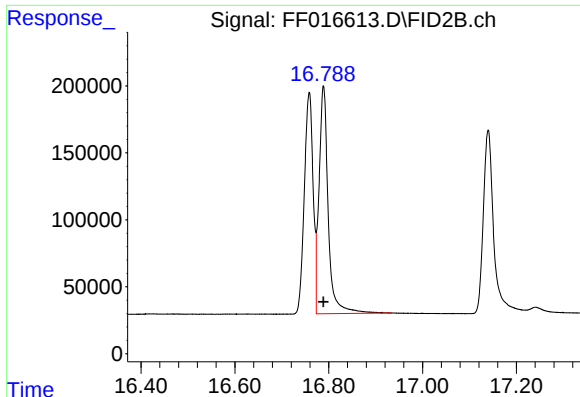
#15 Chrysene (C27.41)

R.T.: 15.237 min
Delta R.T.: 0.000 min
Response: 2678032
Conc: 20.00 ug/ml



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

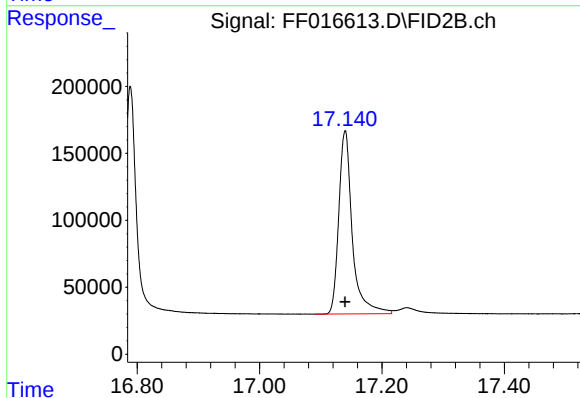
R.T.: 16.758 min
Delta R.T.: 0.000 min
Response: 2142581
Conc: 20.00 ug/ml



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

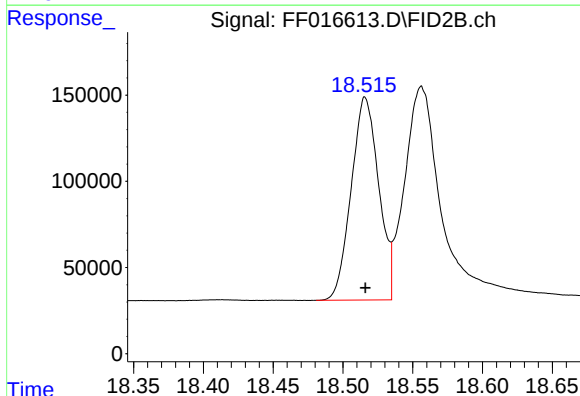
R.T.: 16.789 min
Delta R.T.: 0.000 min
Response: 2316361
Conc: 20.00 ug/ml

Instrument :
FID_F
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20 PPM AROMATIC HC STD3



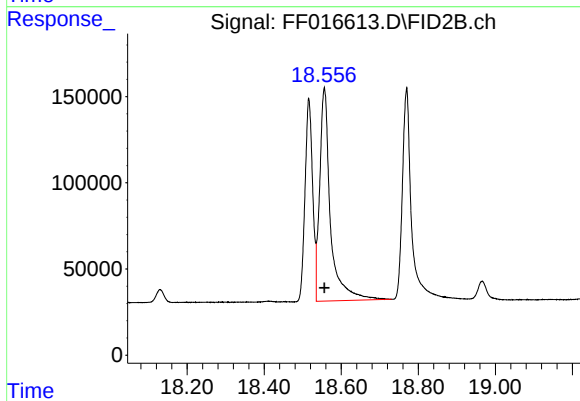
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.140 min
Delta R.T.: 0.000 min
Response: 2101637
Conc: 20.00 ug/ml



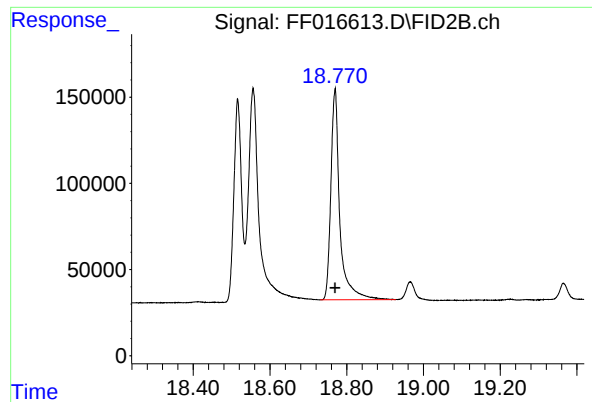
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.516 min
Delta R.T.: 0.000 min
Response: 1612453
Conc: 20.00 ug/ml



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

R.T.: 18.556 min
Delta R.T.: 0.000 min
Response: 2405800
Conc: 20.00 ug/ml



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

R.T.: 18.769 min
Delta R.T.: 0.000 min
Response: 1985462
Conc: 20.00 ug/ml

Instrument :
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ClientSampleId :
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