

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF092225AR\
 Data File : FF016428.D
 Signal(s) : FID2B.ch
 Acq On : 22 Sep 2025 19:08
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Sep 23 01:28:21 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 083025.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 29 09:10:12 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...	8.032	2322203	19.425 ug/ml
Spiked Amount 50.000		Recovery =	38.85%
6) S 2-Fluorobiphenyl (SURR)	8.909	1567603	18.930 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.86%
11) S ortho-Terphenyl (SURR)	11.976	2795488	19.275 ug/ml
Spiked Amount 50.000		Recovery =	38.55%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.626	2589258	19.981 ug/ml
2) T Naphthalene (C11.7)	6.303	2687597	19.646 ug/ml
3) T 2-Methylnaphthalene (...)	7.404	2734263	19.551 ug/ml
5) T Acenaphthylene (C15.06)	8.709	2687592	19.142 ug/ml
7) T Acenaphthene (C15.5)	9.009	2709643	19.332 ug/ml
8) T Flouorene (C16.55)	9.799	2673881	19.136 ug/ml
9) T Phenanthrene (C19.36)	11.207	2655973	18.836 ug/ml
10) T Anthracene (C19.43)	11.283	2621580	18.960 ug/ml
12) T Fluoranthene (C21.85)	13.032	2614524	18.535 ug/ml
13) T Pyrene (C20.8)	13.331	2544387	18.180 ug/ml
14) T Benzo[a]anthracene (C...	15.215	2367557	17.902 ug/ml
15) T Chrysene (C27.41)	15.257	2483967	18.223 ug/ml
16) T benzo[b]fluoranthene ...	16.777	2365981	18.155 ug/ml
17) T Bnezo[k]fluoranthene ...	16.809	2296529	18.357 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.159	2354965	18.427 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.534	2208877	19.336 ug/ml
20) T Dibenz[a,h]anthracene...	18.574	2433512	19.387 ug/ml
21) T Benzo[g,h,i]perylene ...	18.791	2421547	19.637 ug/ml

(f)=RT Delta > 1/2 Window

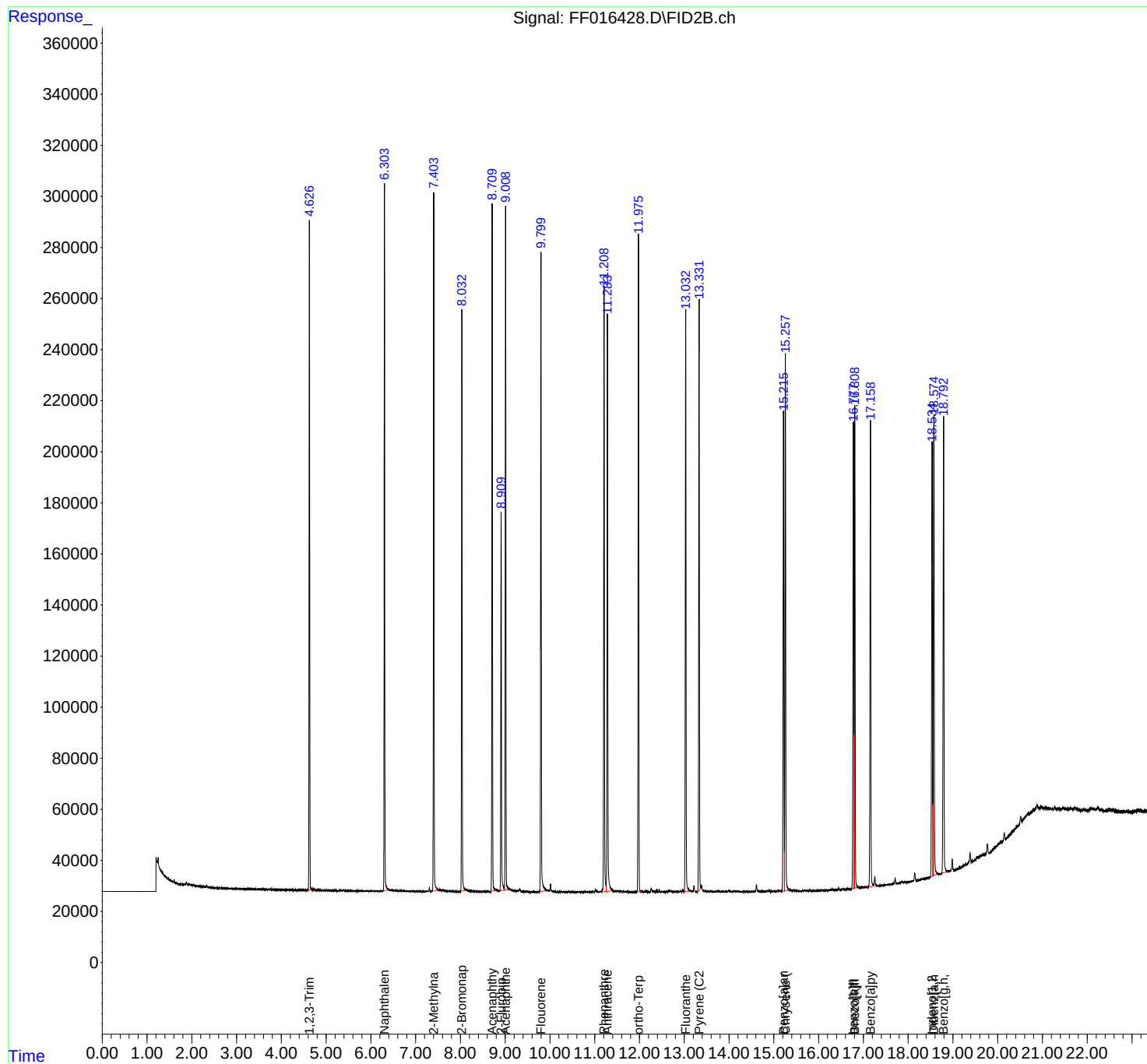
(m)=manual int.

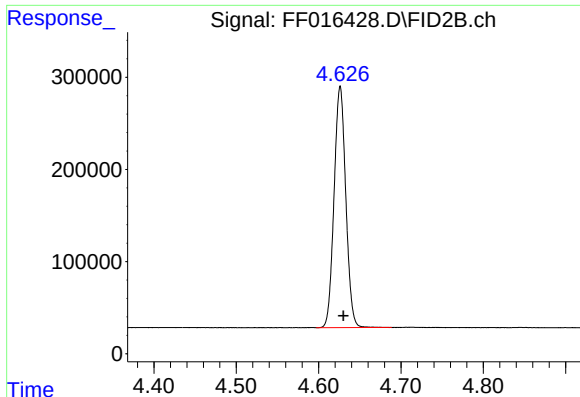
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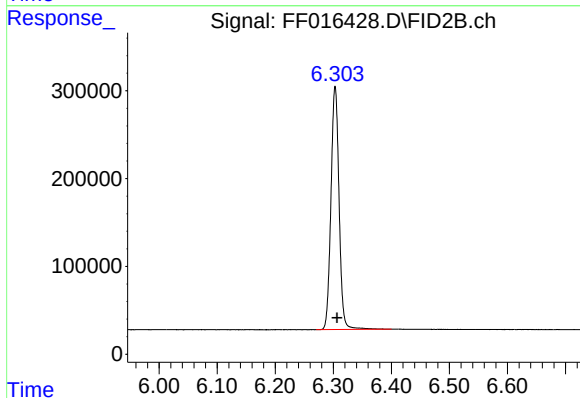




#1 1,2,3-Trimethylbenzene (C10.1)

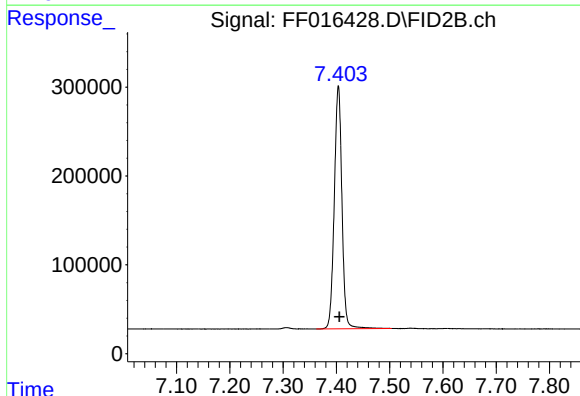
R.T.: 4.626 min
Delta R.T.: -0.004 min
Response: 2589258
Conc: 19.98 ug/ml

Instrument :
FID_F
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20 PPM AROMATIC HC STD



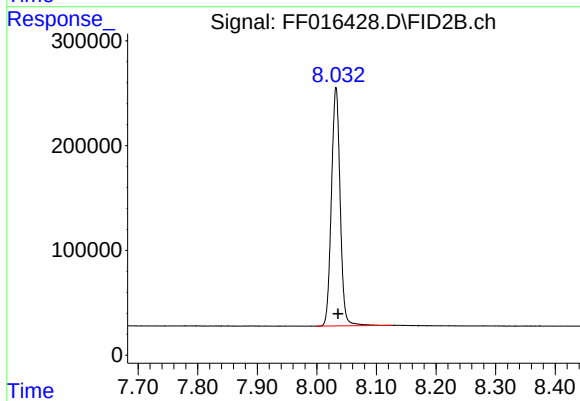
#2 Naphthalene (C11.7)

R.T.: 6.303 min
Delta R.T.: -0.003 min
Response: 2687597
Conc: 19.65 ug/ml



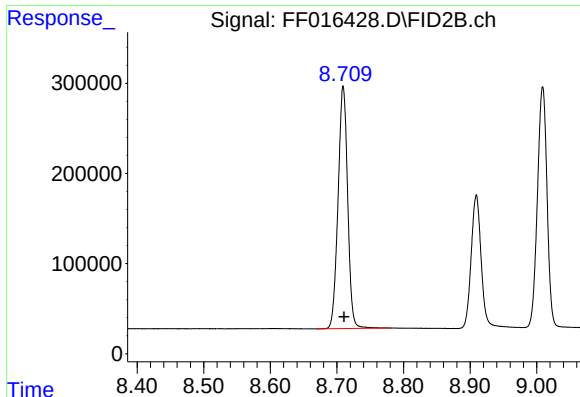
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.404 min
Delta R.T.: -0.002 min
Response: 2734263
Conc: 19.55 ug/ml



#4 2-Bromonaphthalene (SURR)

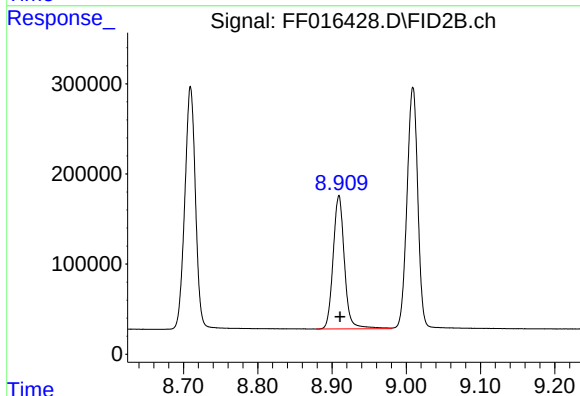
R.T.: 8.032 min
Delta R.T.: -0.004 min
Response: 2322203
Conc: 19.43 ug/ml



#5 Acenaphthylene (C15.06)

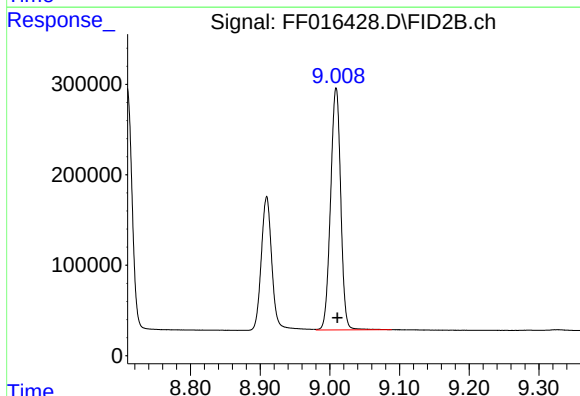
R.T.: 8.709 min
Delta R.T.: -0.001 min
Response: 2687592
Conc: 19.14 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD



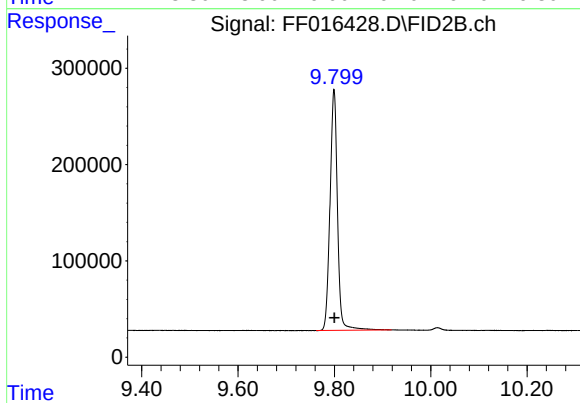
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.909 min
Delta R.T.: -0.001 min
Response: 1567603
Conc: 18.93 ug/ml



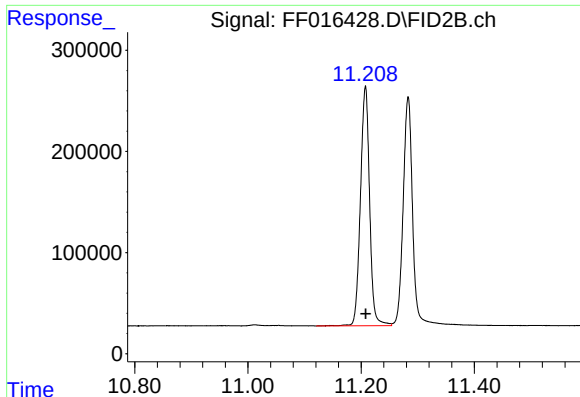
#7 Acenaphthene (C15.5)

R.T.: 9.009 min
Delta R.T.: -0.002 min
Response: 2709643
Conc: 19.33 ug/ml



#8 Fluorene (C16.55)

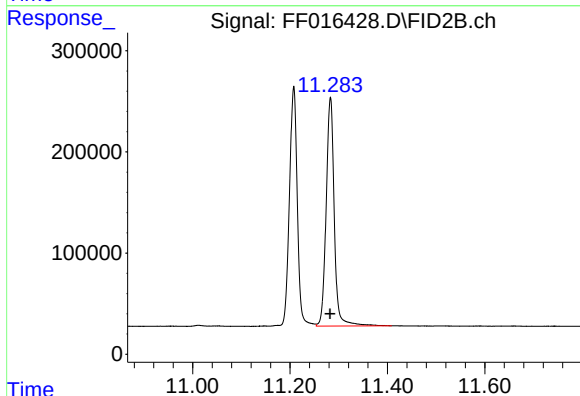
R.T.: 9.799 min
Delta R.T.: -0.001 min
Response: 2673881
Conc: 19.14 ug/ml



#9 Phenanthrene (C19.36)

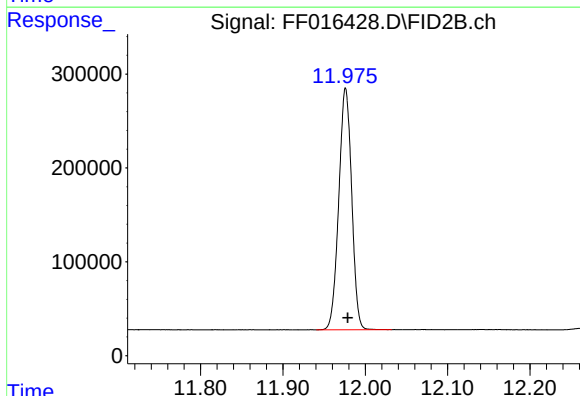
R.T.: 11.207 min
Delta R.T.: 0.000 min
Response: 2655973
Conc: 18.84 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



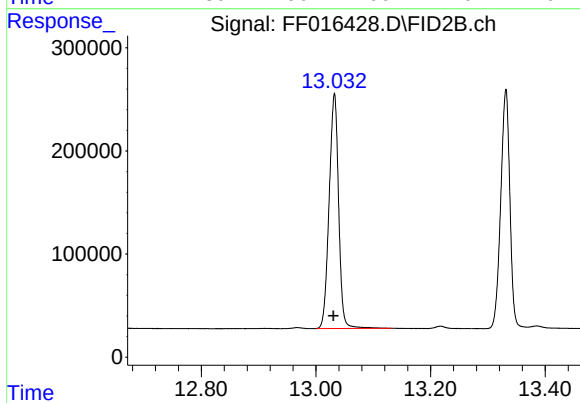
#10 Anthracene (C19.43)

R.T.: 11.283 min
Delta R.T.: 0.000 min
Response: 2621580
Conc: 18.96 ug/ml



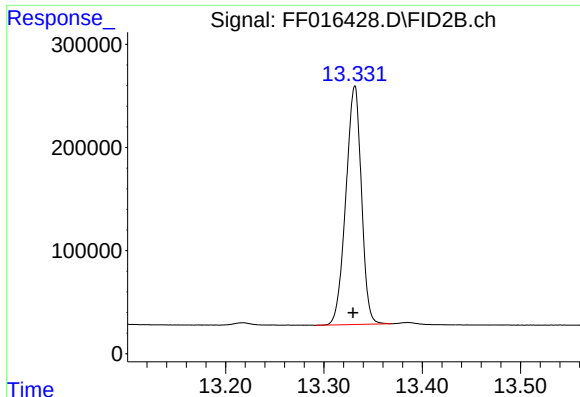
#11 ortho-Terphenyl (SURR)

R.T.: 11.976 min
Delta R.T.: -0.002 min
Response: 2795488
Conc: 19.28 ug/ml



#12 Fluoranthene (C21.85)

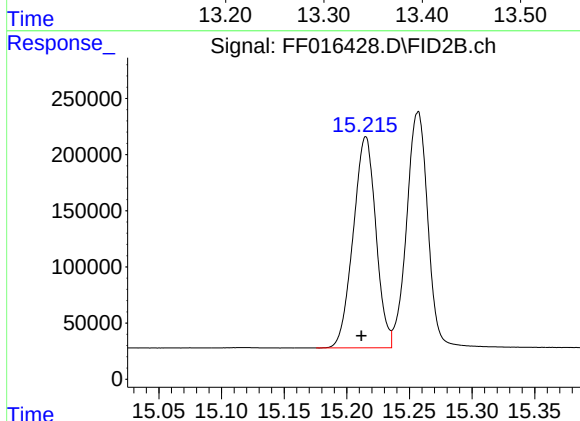
R.T.: 13.032 min
Delta R.T.: 0.001 min
Response: 2614524
Conc: 18.53 ug/ml



#13 Pyrene (C20.8)

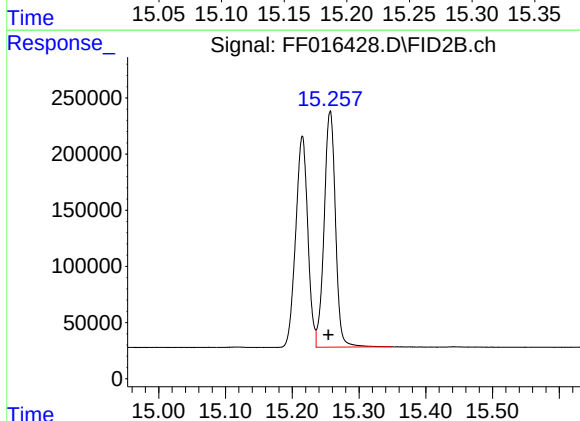
R.T.: 13.331 min
Delta R.T.: 0.002 min
Response: 2544387
Conc: 18.18 ug/ml

Instrument :
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ClientSampleId :
20 PPM AROMATIC HC STD



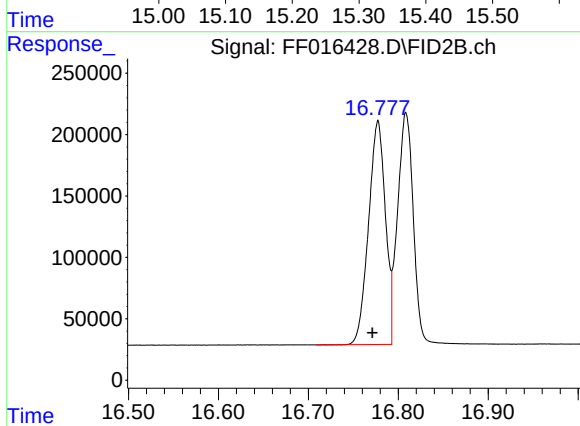
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.215 min
Delta R.T.: 0.003 min
Response: 2367557
Conc: 17.90 ug/ml



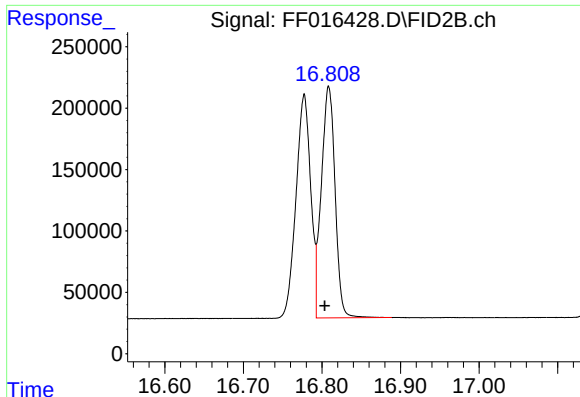
#15 Chrysene (C27.41)

R.T.: 15.257 min
Delta R.T.: 0.003 min
Response: 2483967
Conc: 18.22 ug/ml



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

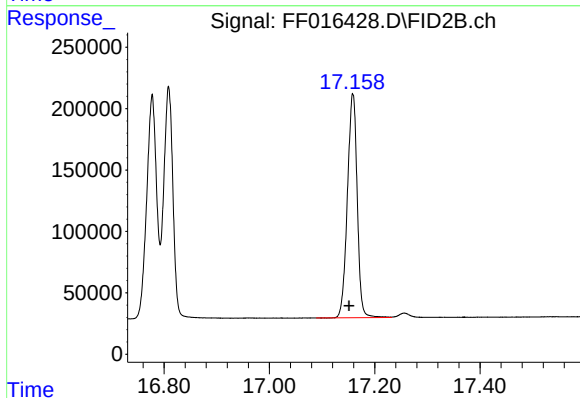
R.T.: 16.777 min
Delta R.T.: 0.006 min
Response: 2365981
Conc: 18.16 ug/ml



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

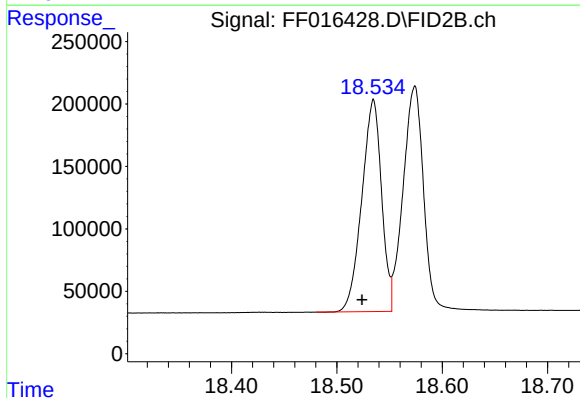
R.T.: 16.809 min
Delta R.T.: 0.005 min
Response: 2296529
Conc: 18.36 ug/ml

Instrument :
FID_F
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20 PPM AROMATIC HC STD



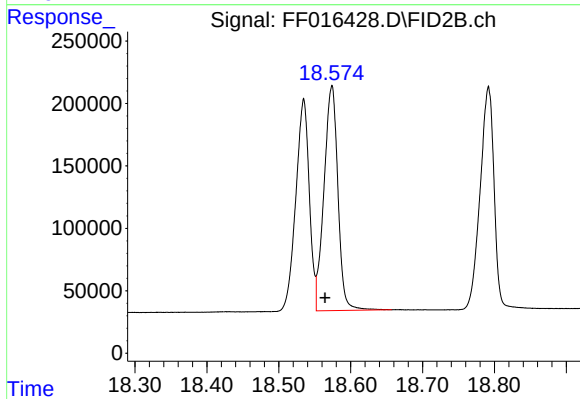
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.159 min
Delta R.T.: 0.007 min
Response: 2354965
Conc: 18.43 ug/ml



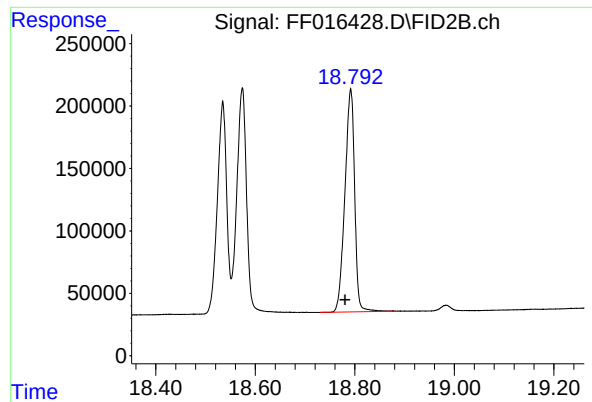
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.534 min
Delta R.T.: 0.010 min
Response: 2208877
Conc: 19.34 ug/ml



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

R.T.: 18.574 min
Delta R.T.: 0.009 min
Response: 2433512
Conc: 19.39 ug/ml



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

R.T.: 18.791 min
Delta R.T.: 0.011 min
Response: 2421547
Conc: 19.64 ug/ml

Instrument :

FID_F

ClientSampleId :

20 PPM AROMATIC HC STD