

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF061725AR\
 Data File : FF016030.D
 Signal(s) : FID2B.ch
 Acq On : 17 Jun 2025 16:21
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Jun 18 04:06:20 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 061325.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 16 04:40:28 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...	8.059	2226675	19.609 ug/ml
Spiked Amount 50.000		Recovery =	39.22%
6) S 2-Fluorobiphenyl (SURR)	8.933	1526449	19.610 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.22%
11) S ortho-Terphenyl (SURR)	12.000	2620303	19.807 ug/ml
Spiked Amount 50.000		Recovery =	39.61%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.659	2432830	19.650 ug/ml
2) T Naphthalene (C11.7)	6.332	2569477	19.634 ug/ml
3) T 2-Methylnaphthalene (...)	7.430	2607987	19.681 ug/ml
5) T Acenaphthylene (C15.06)	8.734	2574415	19.509 ug/ml
7) T Acenaphthene (C15.5)	9.034	2574829	19.719 ug/ml
8) T Fluorene (C16.55)	9.822	2555104	19.643 ug/ml
9) T Phenanthrene (C19.36)	11.229	2539365	19.581 ug/ml
10) T Anthracene (C19.43)	11.303	2486438	19.253 ug/ml
12) T Fluoranthene (C21.85)	13.050	2553972	19.547 ug/ml
13) T Pyrene (C20.8)	13.349	2529525	19.511 ug/ml
14) T Benzo[a]anthracene (C...	15.229	2421666	19.208 ug/ml
15) T Chrysene (C27.41)	15.271	2461359	19.285 ug/ml
16) T benzo[b]fluoranthene ...	16.787	2401137	19.171 ug/ml
17) T Bnezo[k]fluoranthene ...	16.819	2261761	19.088 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.167	2317833	18.967 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.537	2091704	18.751 ug/ml
20) T Dibenz[a,h]anthracene...	18.579	2291309	19.679 ug/ml
21) T Benzo[g,h,i]perylene ...	18.795	2204473	18.941 ug/ml

(f)=RT Delta > 1/2 Window

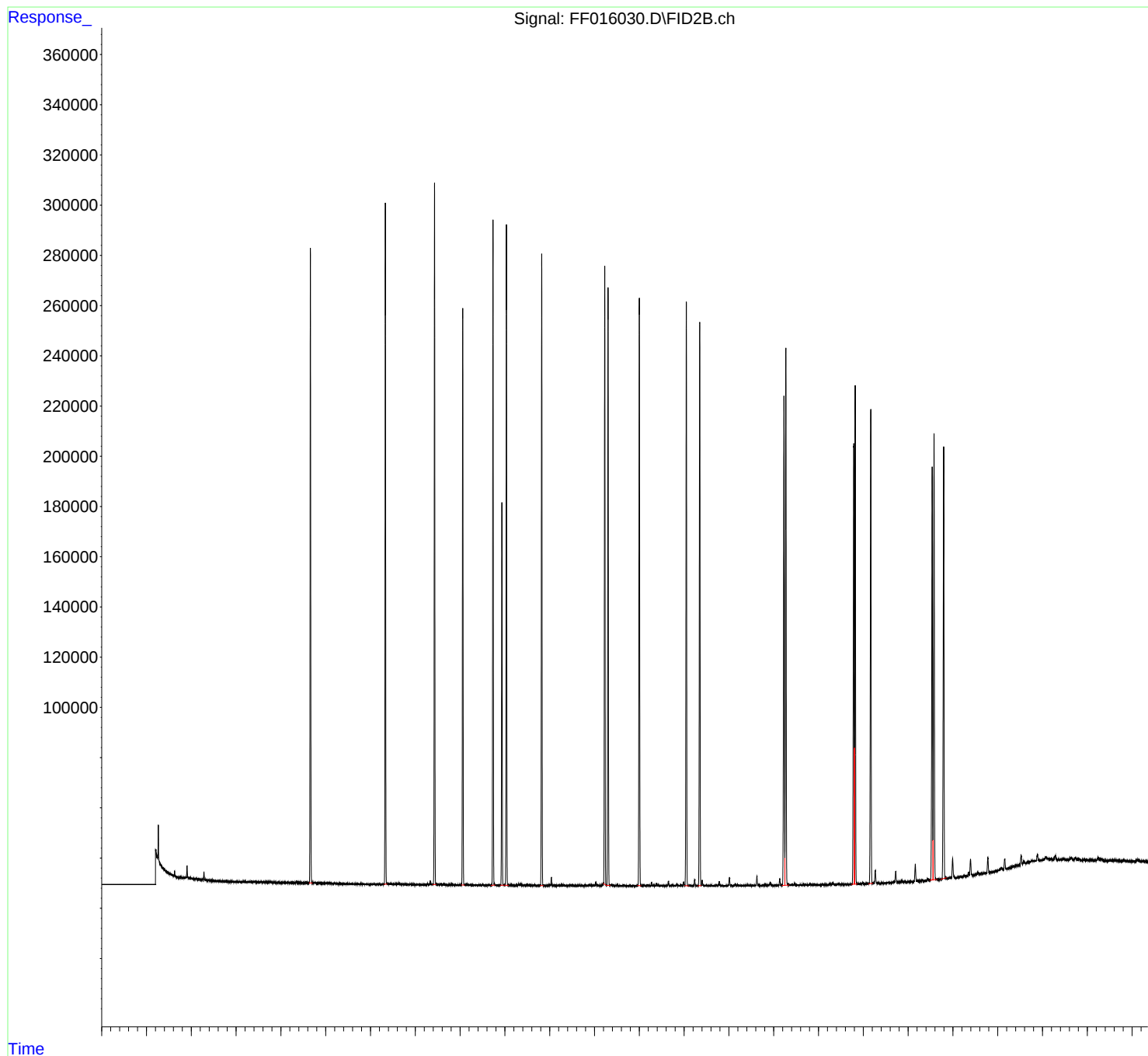
(m)=manual int.

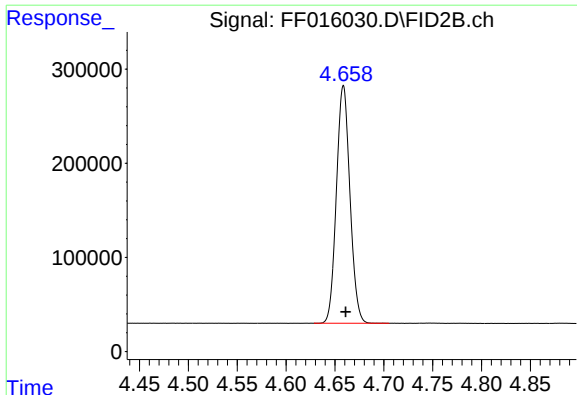
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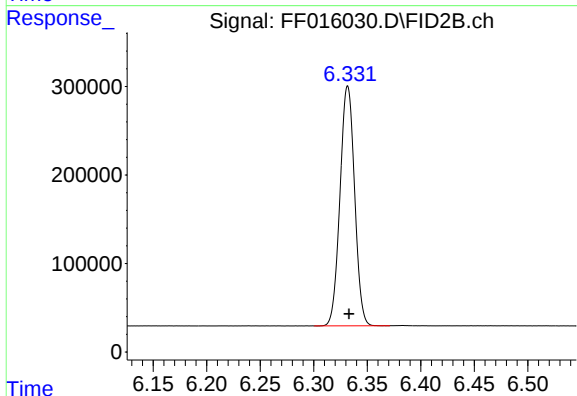




#1 1,2,3-Trimethylbenzene (C10.1)

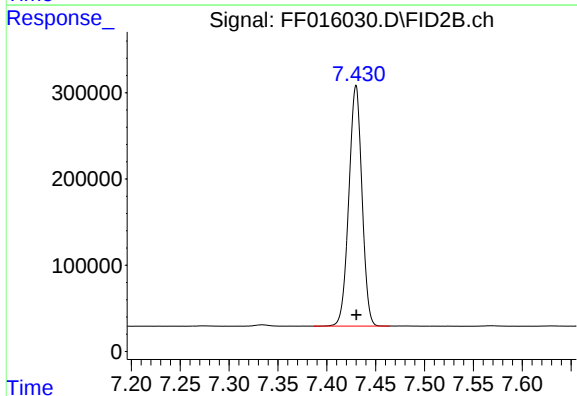
R.T.: 4.659 min
Delta R.T.: -0.002 min
Response: 2432830
Conc: 19.65 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD



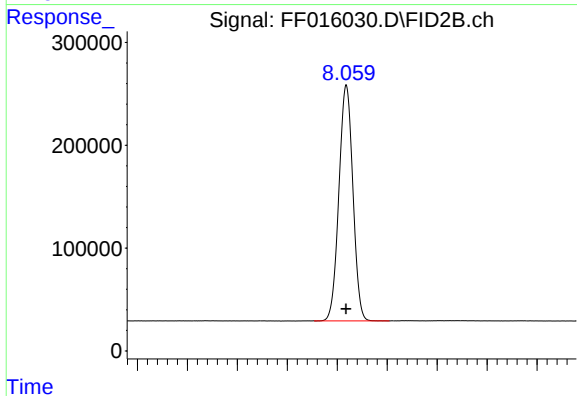
#2 Naphthalene (C11.7)

R.T.: 6.332 min
Delta R.T.: -0.001 min
Response: 2569477
Conc: 19.63 ug/ml



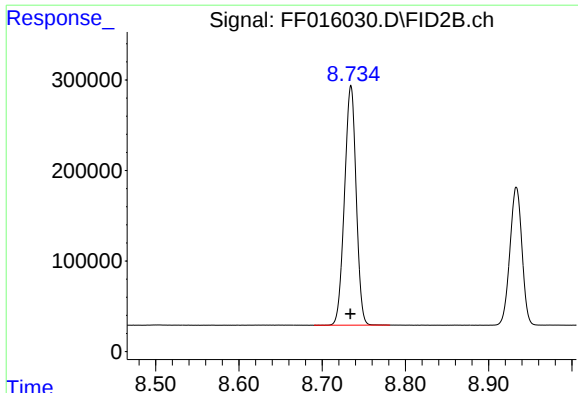
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.430 min
Delta R.T.: 0.000 min
Response: 2607987
Conc: 19.68 ug/ml



#4 2-Bromonaphthalene (SURR)

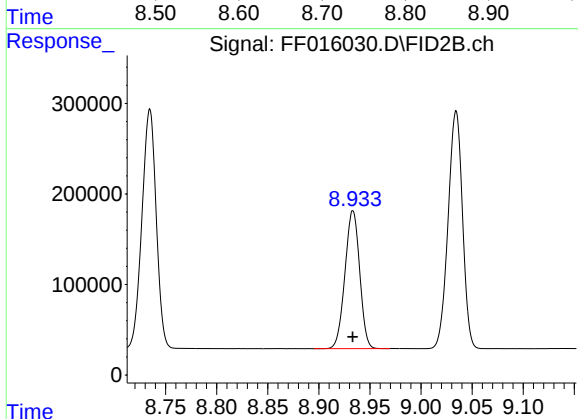
R.T.: 8.059 min
Delta R.T.: 0.000 min
Response: 2226675
Conc: 19.61 ug/ml



#5 Acenaphthylene (C15.06)

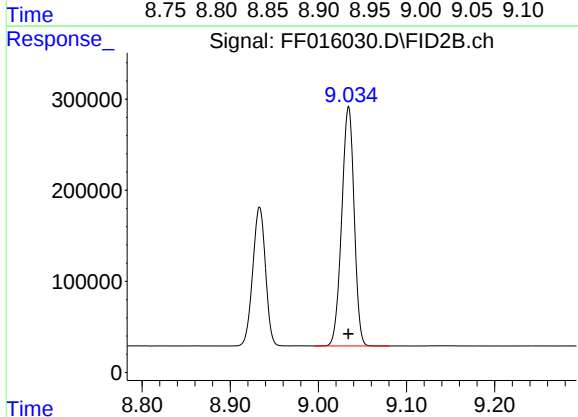
R.T.: 8.734 min
Delta R.T.: 0.000 min
Response: 2574415
Conc: 19.51 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD



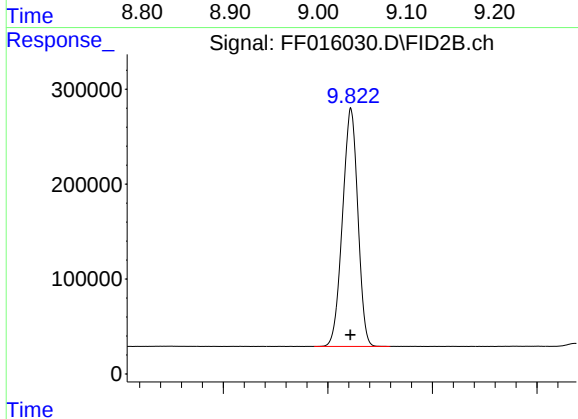
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.933 min
Delta R.T.: 0.000 min
Response: 1526449
Conc: 19.61 ug/ml



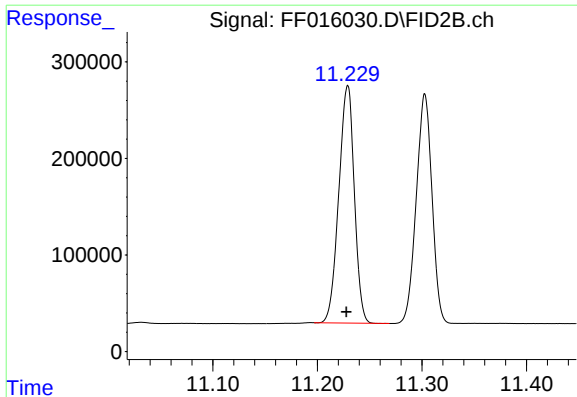
#7 Acenaphthene (C15.5)

R.T.: 9.034 min
Delta R.T.: 0.000 min
Response: 2574829
Conc: 19.72 ug/ml



#8 Fluorene (C16.55)

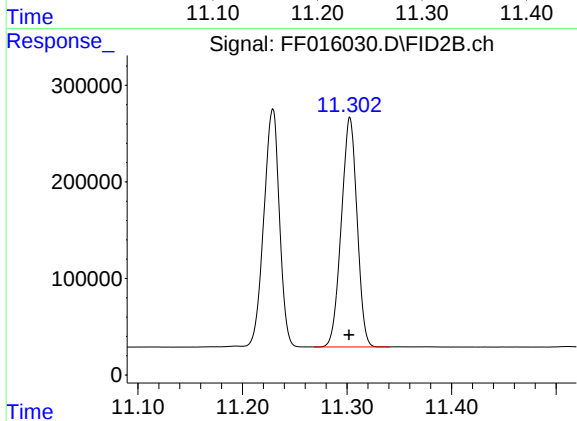
R.T.: 9.822 min
Delta R.T.: 0.000 min
Response: 2555104
Conc: 19.64 ug/ml



#9 Phenanthrene (C19.36)

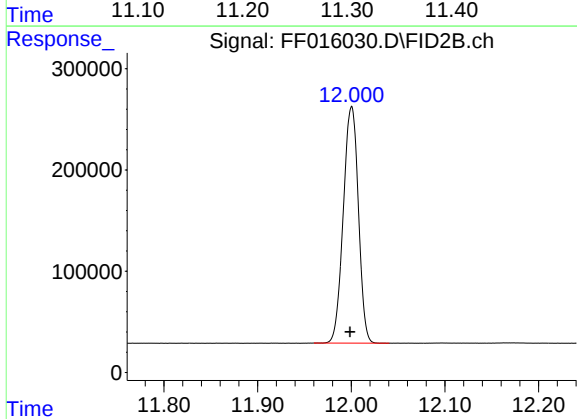
R.T.: 11.229 min
Delta R.T.: 0.001 min
Response: 2539365
Conc: 19.58 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



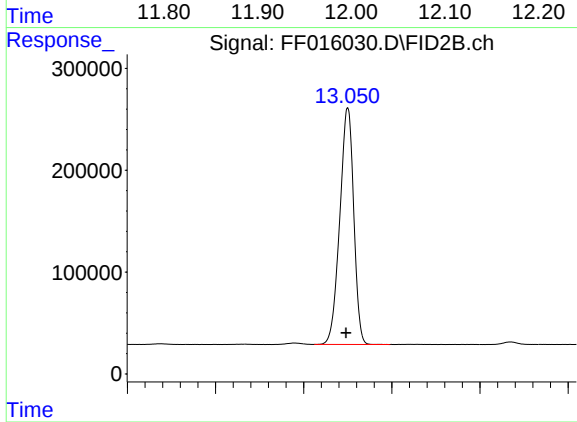
#10 Anthracene (C19.43)

R.T.: 11.303 min
Delta R.T.: 0.000 min
Response: 2486438
Conc: 19.25 ug/ml



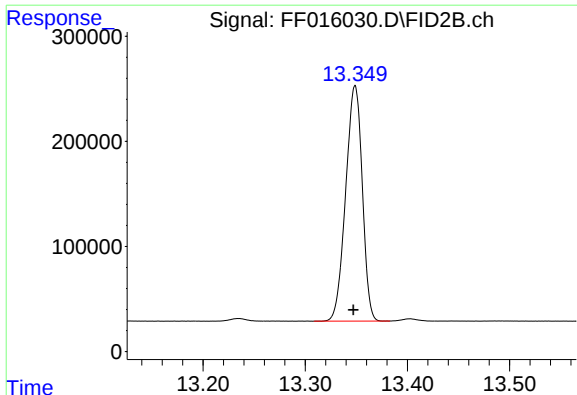
#11 ortho-Terphenyl (SURR)

R.T.: 12.000 min
Delta R.T.: 0.001 min
Response: 2620303
Conc: 19.81 ug/ml



#12 Fluoranthene (C21.85)

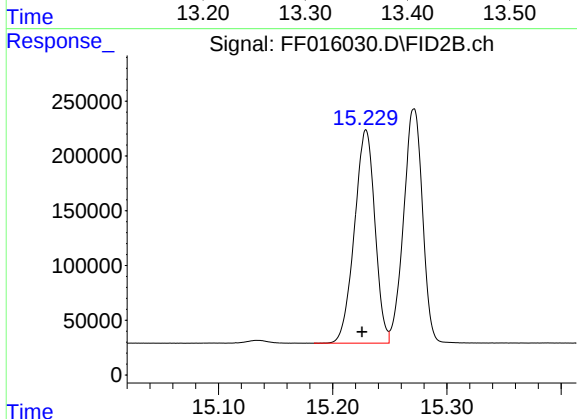
R.T.: 13.050 min
Delta R.T.: 0.002 min
Response: 2553972
Conc: 19.55 ug/ml



#13 Pyrene (C20.8)

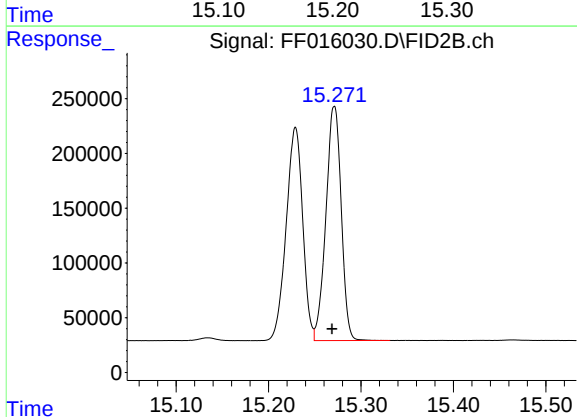
R.T.: 13.349 min
Delta R.T.: 0.002 min
Response: 2529525
Conc: 19.51 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD



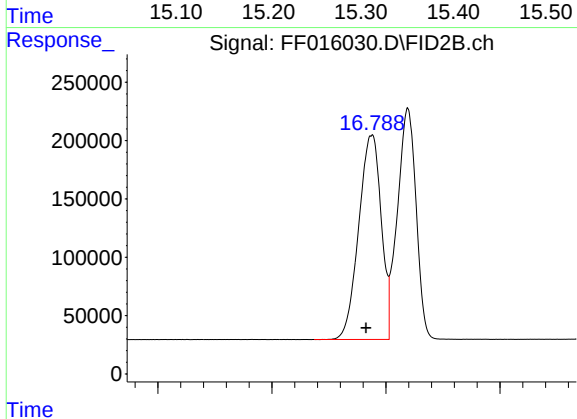
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.229 min
Delta R.T.: 0.003 min
Response: 2421666
Conc: 19.21 ug/ml



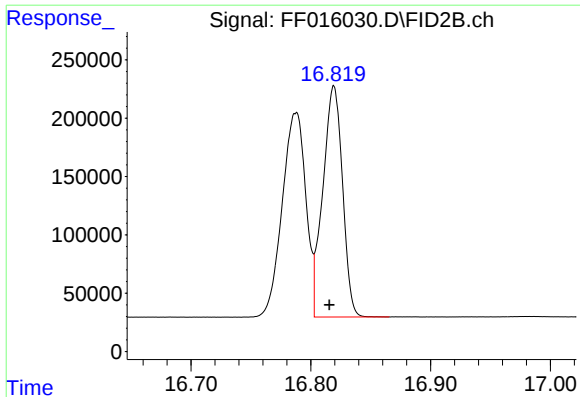
#15 Chrysene (C27.41)

R.T.: 15.271 min
Delta R.T.: 0.002 min
Response: 2461359
Conc: 19.28 ug/ml



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

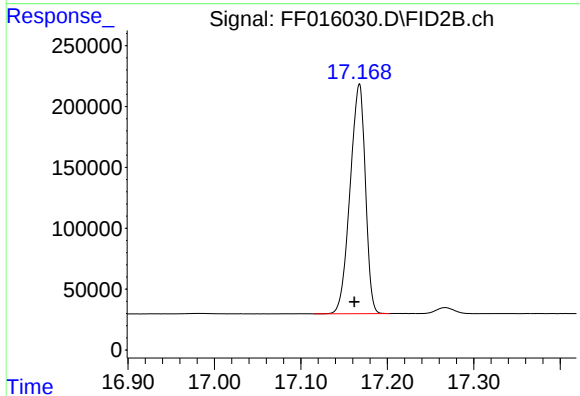
R.T.: 16.787 min
Delta R.T.: 0.005 min
Response: 2401137
Conc: 19.17 ug/ml



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

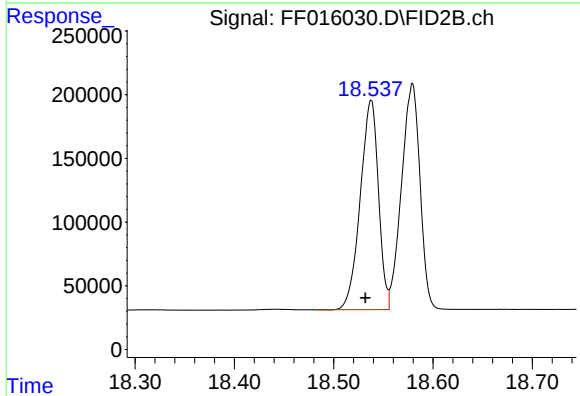
R.T.: 16.819 min
Delta R.T.: 0.004 min
Response: 2261761
Conc: 19.09 ug/ml

Instrument :
FID_F
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20 PPM AROMATIC HC STD



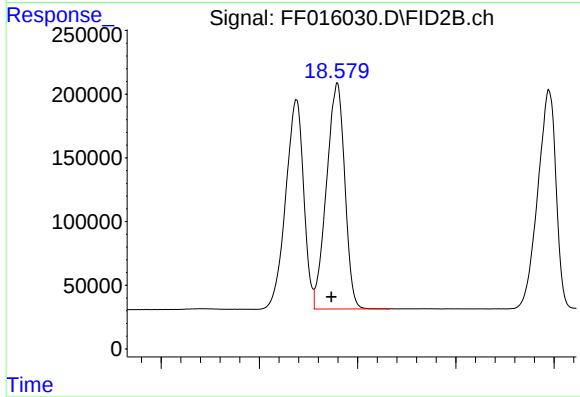
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.167 min
Delta R.T.: 0.005 min
Response: 2317833
Conc: 18.97 ug/ml



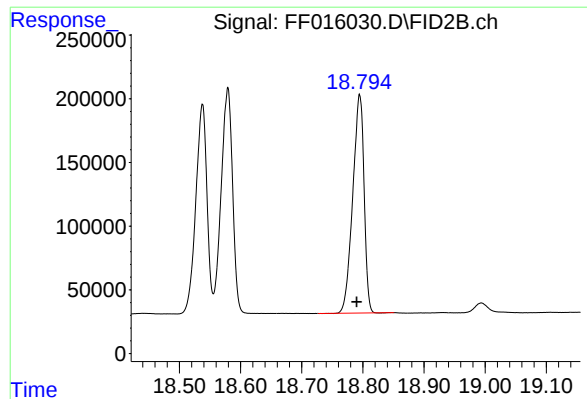
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.537 min
Delta R.T.: 0.005 min
Response: 2091704
Conc: 18.75 ug/ml



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

R.T.: 18.579 min
Delta R.T.: 0.006 min
Response: 2291309
Conc: 19.68 ug/ml



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

R.T.: 18.795 min
Delta R.T.: 0.005 min
Response: 2204473
Conc: 18.94 ug/ml

Instrument :

FID_F

ClientSampleId :

20 PPM AROMATIC HC STD