

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG121625AR\
 Data File : FG017192.D
 Signal(s) : FID1A.ch
 Acq On : 17 Dec 2025 02:51
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD3
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM AROMATIC HC STD3

Integration File: autoint1.e
 Quant Time: Dec 17 06:47:21 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 121625.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 17 06:45:42 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...	8.067	2114492	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	8.951	1240963	20.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.00%
11) S ortho-Terphenyl (SURR)	12.028	2995865	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.652	2642635	20.000 ug/ml
2) T Naphthalene (C11.7)	6.334	2603459	20.000 ug/ml
3) T 2-Methylnaphthalene (...)	7.437	2543055	20.000 ug/ml
5) T Acenaphthylene (C15.06)	8.747	2594358	20.000 ug/ml
7) T Acenaphthene (C15.5)	9.047	2760601	20.000 ug/ml
8) T Flouorene (C16.55)	9.844	2487405	20.000 ug/ml
9) T Phenanthrene (C19.36)	11.260	2548408	20.000 ug/ml
10) T Anthracene (C19.43)	11.337	2766579	20.000 ug/ml
12) T Fluoranthene (C21.85)	13.095	2813549	20.000 ug/ml
13) T Pyrene (C20.8)	13.395	2861914	20.000 ug/ml
14) T Benzo[a]anthracene (C...	15.290	2335969	20.000 ug/ml
15) T Chrysene (C27.41)	15.332	2959305	20.000 ug/ml
16) T benzo[b]fluoranthene ...	16.861	2305004	20.000 ug/ml
17) T Bnezo[k]fluoranthene ...	16.893	2693980	20.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.247	2470299	20.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.633	1547997	20.000 ug/ml
20) T Dibenz[a,h]anthracene...	18.670	2759850	20.000 ug/ml
21) T Benzo[g,h,i]perylene ...	18.886	2258268	20.000 ug/ml

(f)=RT Delta > 1/2 Window

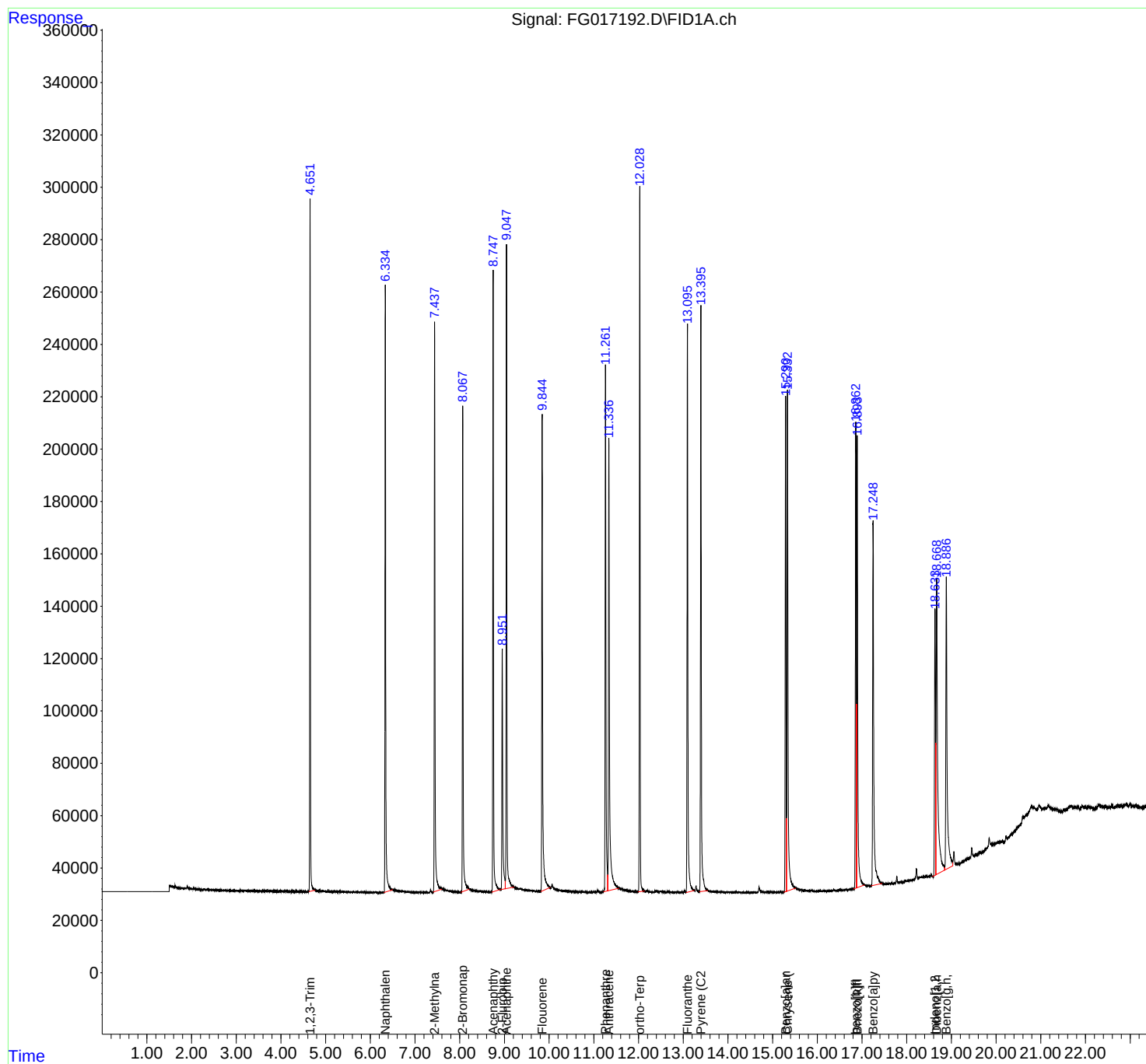
(m)=manual int.

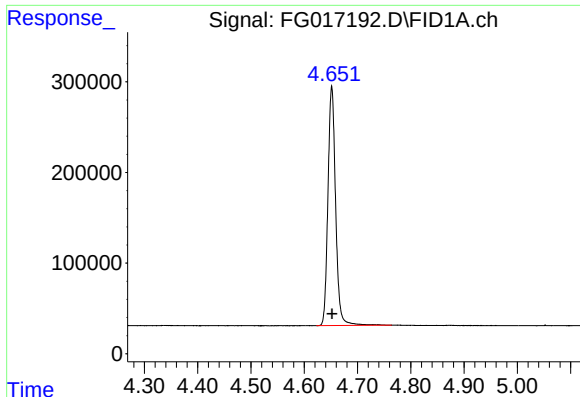
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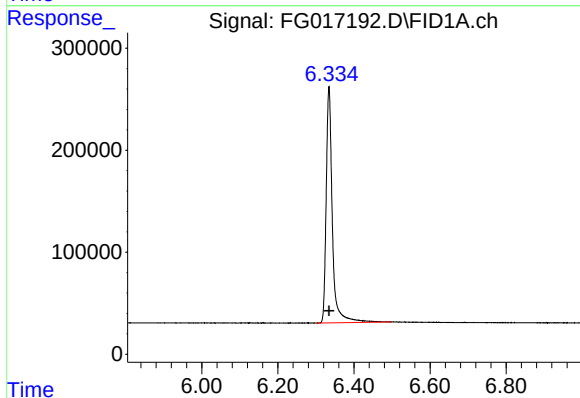




#1 1,2,3-Trimethylbenzene (C10.1)

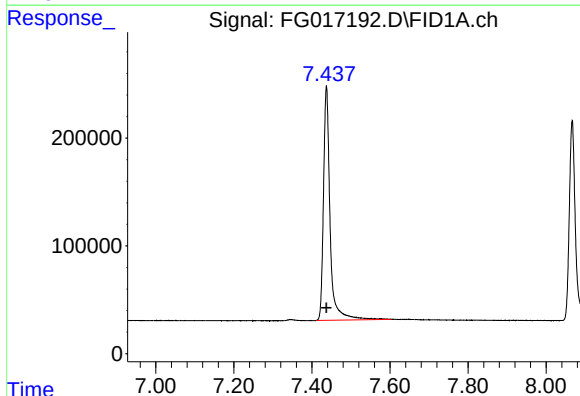
R.T.: 4.652 min
Delta R.T.: 0.000 min
Response: 2642635
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM AROMATIC HC STD3



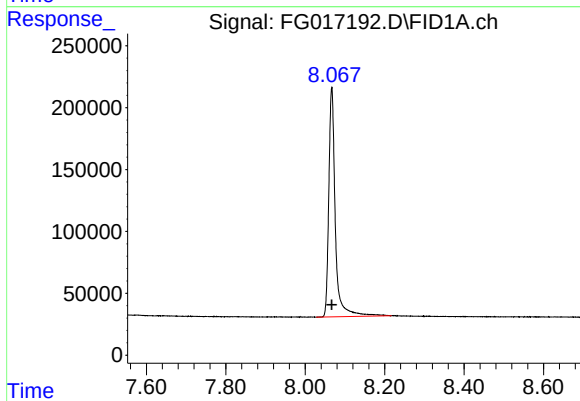
#2 Naphthalene (C11.7)

R.T.: 6.334 min
Delta R.T.: 0.000 min
Response: 2603459
Conc: 20.00 ug/ml



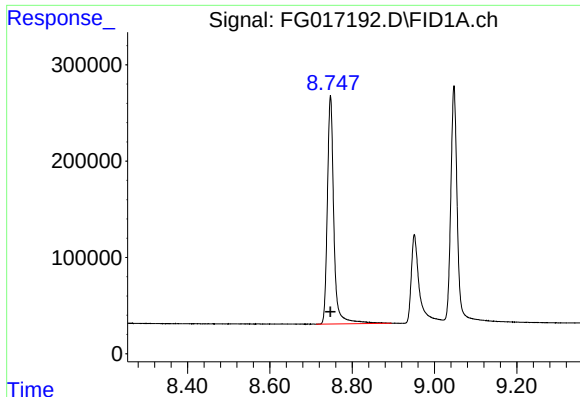
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.437 min
Delta R.T.: 0.000 min
Response: 2543055
Conc: 20.00 ug/ml



#4 2-Bromonaphthalene (SURR)

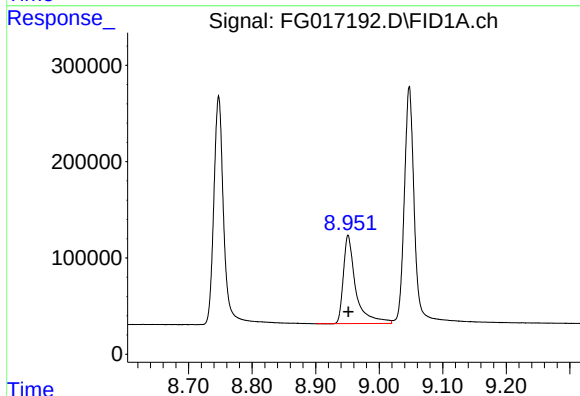
R.T.: 8.067 min
Delta R.T.: 0.000 min
Response: 2114492
Conc: 20.00 ug/ml



#5 Acenaphthylene (C15.06)

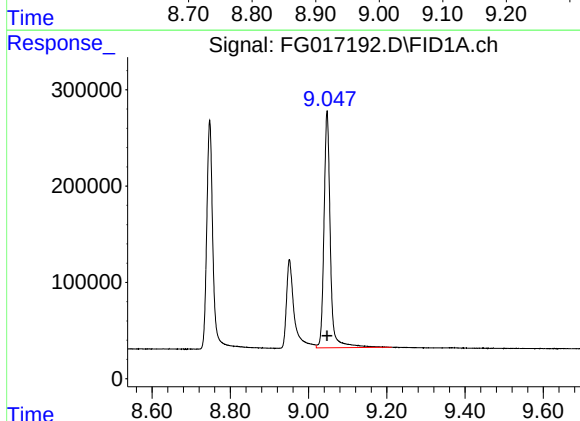
R.T.: 8.747 min
Delta R.T.: 0.000 min
Response: 2594358
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM AROMATIC HC STD3



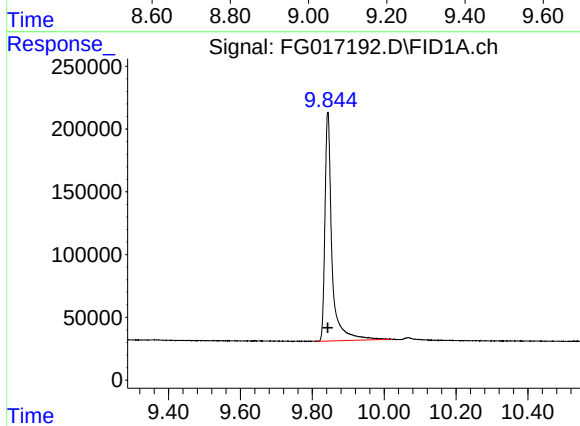
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.951 min
Delta R.T.: 0.000 min
Response: 1240963
Conc: 20.00 ug/ml



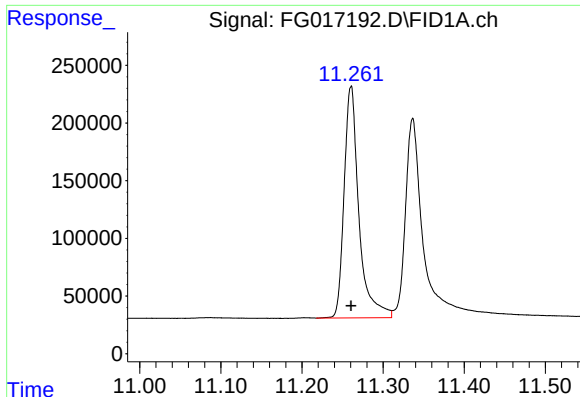
#7 Acenaphthene (C15.5)

R.T.: 9.047 min
Delta R.T.: 0.000 min
Response: 2760601
Conc: 20.00 ug/ml



#8 Fluorene (C16.55)

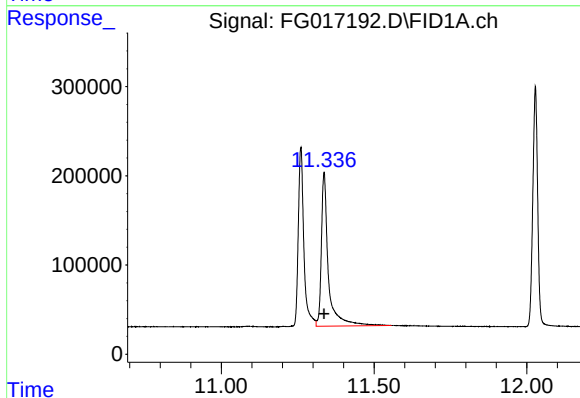
R.T.: 9.844 min
Delta R.T.: 0.000 min
Response: 2487405
Conc: 20.00 ug/ml



#9 Phenanthrene (C19.36)

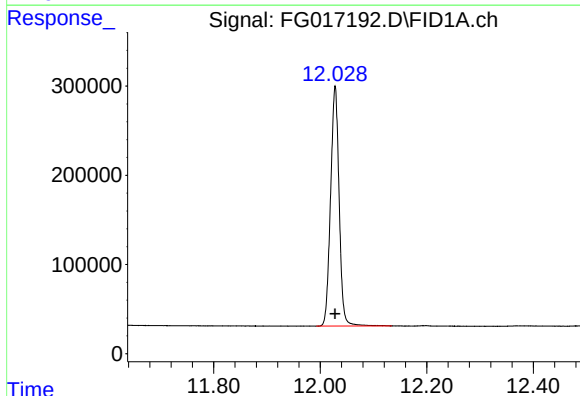
R.T.: 11.260 min
Delta R.T.: 0.000 min
Response: 2548408
Conc: 20.00 ug/ml

Instrument :
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20 PPM AROMATIC HC STD3



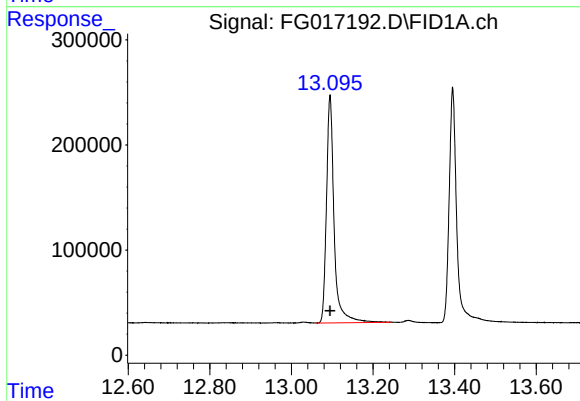
#10 Anthracene (C19.43)

R.T.: 11.337 min
Delta R.T.: 0.000 min
Response: 2766579
Conc: 20.00 ug/ml



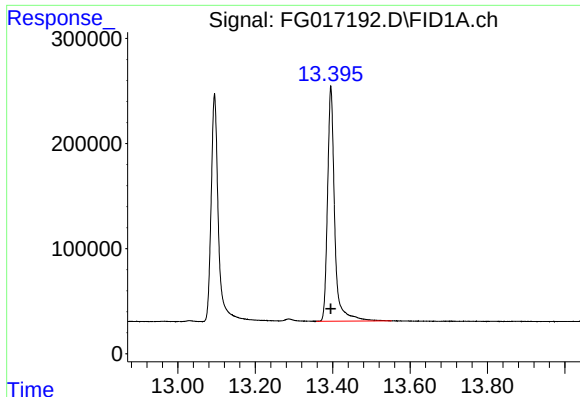
#11 ortho-Terphenyl (SURR)

R.T.: 12.028 min
Delta R.T.: 0.000 min
Response: 2995865
Conc: 20.00 ug/ml



#12 Fluoranthene (C21.85)

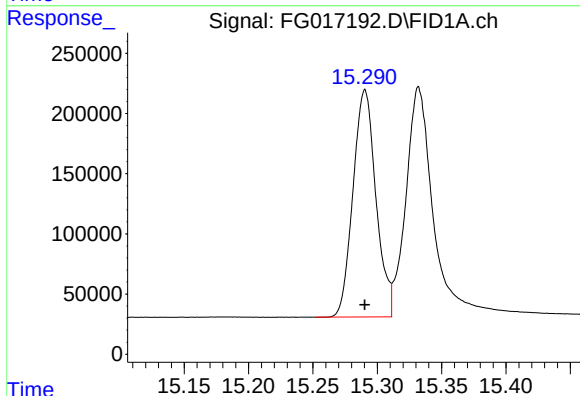
R.T.: 13.095 min
Delta R.T.: 0.000 min
Response: 2813549
Conc: 20.00 ug/ml



#13 Pyrene (C20.8)

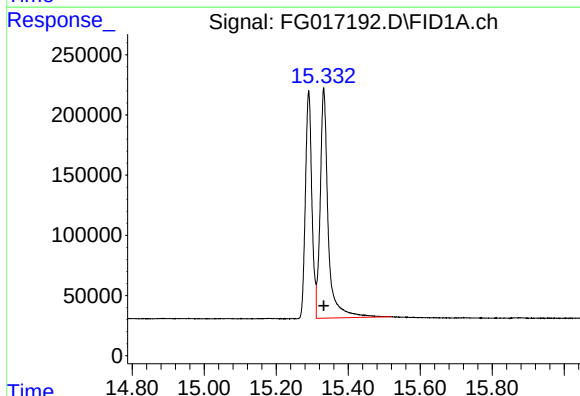
R.T.: 13.395 min
Delta R.T.: 0.000 min
Response: 2861914
Conc: 20.00 ug/ml

Instrument :
FID_G
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20 PPM AROMATIC HC STD3



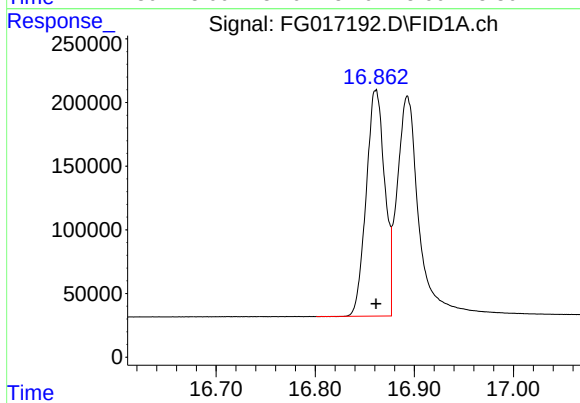
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.290 min
Delta R.T.: 0.000 min
Response: 2335969
Conc: 20.00 ug/ml



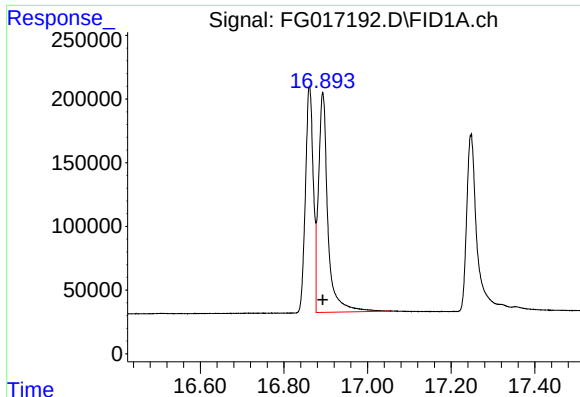
#15 Chrysene (C27.41)

R.T.: 15.332 min
Delta R.T.: 0.000 min
Response: 2959305
Conc: 20.00 ug/ml



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

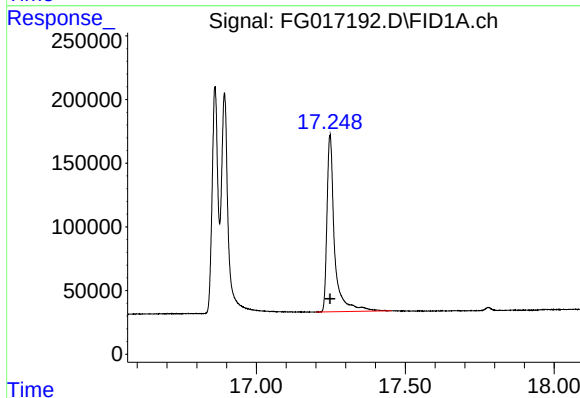
R.T.: 16.861 min
Delta R.T.: 0.000 min
Response: 2305004
Conc: 20.00 ug/ml



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

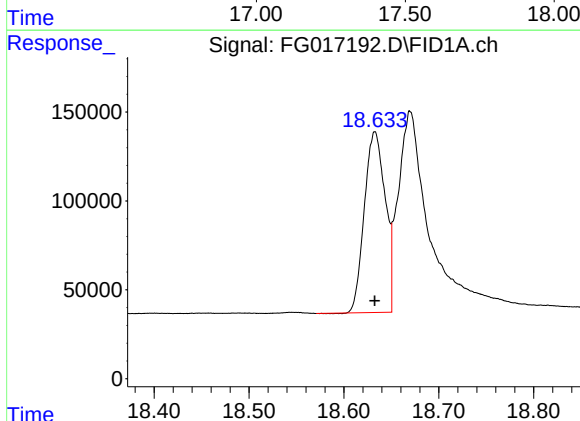
R.T.: 16.893 min
Delta R.T.: 0.000 min
Response: 2693980
Conc: 20.00 ug/ml

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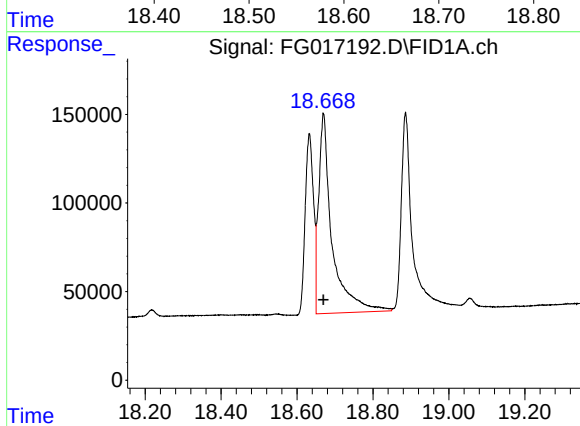
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.247 min
Delta R.T.: 0.000 min
Response: 2470299
Conc: 20.00 ug/ml



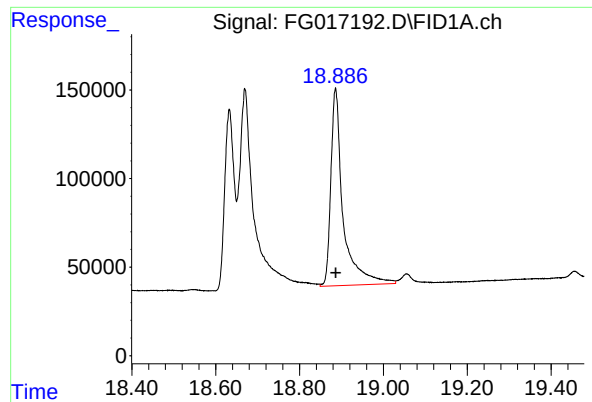
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.633 min
Delta R.T.: 0.000 min
Response: 1547997
Conc: 20.00 ug/ml



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

R.T.: 18.670 min
Delta R.T.: 0.000 min
Response: 2759850
Conc: 20.00 ug/ml



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

R.T.: 18.886 min
Delta R.T.: 0.000 min
Response: 2258268
Conc: 20.00 ug/ml

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