

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG112625AR\
 Data File : FG017013.D
 Signal(s) : FID1A.ch
 Acq On : 26 Nov 2025 17:16
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD3
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM AROMATIC HC STD3

Integration File: autoint1.e
 Quant Time: Dec 01 08:39:23 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 112625.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 01 08:38:31 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...	8.069	2116237	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	8.953	1201088	20.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.00%
11) S ortho-Terphenyl (SURR)	12.028	2989488	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.654	2785241	20.000 ug/ml
2) T Naphthalene (C11.7)	6.336	2667100	20.000 ug/ml
3) T 2-Methylnaphthalene (...)	7.439	2585353	20.000 ug/ml
5) T Acenaphthylene (C15.06)	8.748	2543734	20.000 ug/ml
7) T Acenaphthene (C15.5)	9.048	2795244	20.000 ug/ml
8) T Flouorene (C16.55)	9.845	2466683	20.000 ug/ml
9) T Phenanthrene (C19.36)	11.260	2448511	20.000 ug/ml
10) T Anthracene (C19.43)	11.337	2625538	20.000 ug/ml
12) T Fluoranthene (C21.85)	13.093	2676443	20.000 ug/ml
13) T Pyrene (C20.8)	13.393	2724589	20.000 ug/ml
14) T Benzo[a]anthracene (C...	15.288	2002067	20.000 ug/ml
15) T Chrysene (C27.41)	15.330	2962828	20.000 ug/ml
16) T benzo[b]fluoranthene ...	16.858	2134553	20.000 ug/ml
17) T Bnezo[k]fluoranthene ...	16.888	2729932	20.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.245	2150045	20.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.630	1697260	20.000 ug/ml
20) T Dibenz[a,h]anthracene...	18.667	2960499	20.000 ug/ml
21) T Benzo[g,h,i]perylene ...	18.880	2446384	20.000 ug/ml

(f)=RT Delta > 1/2 Window

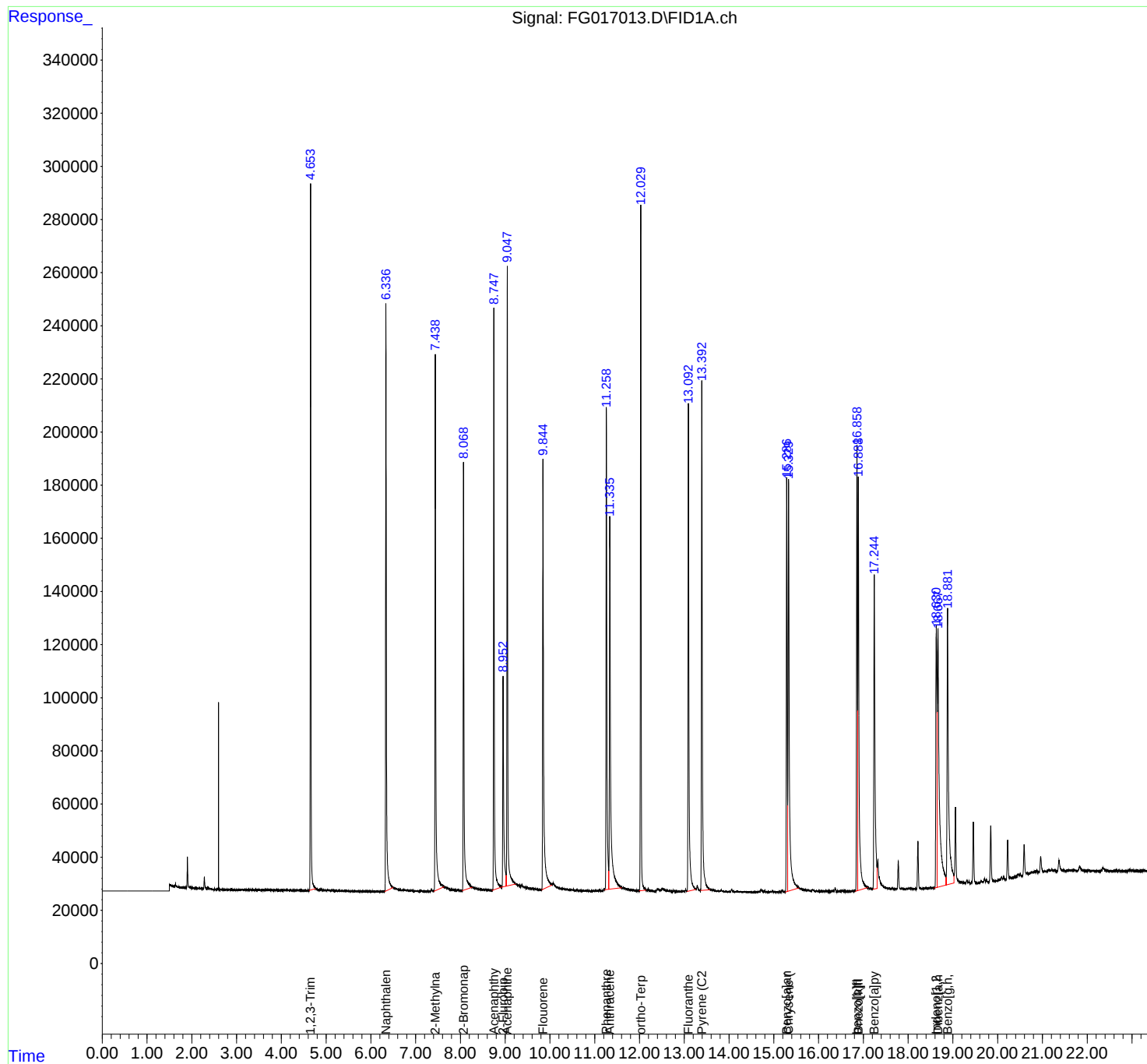
(m)=manual int.

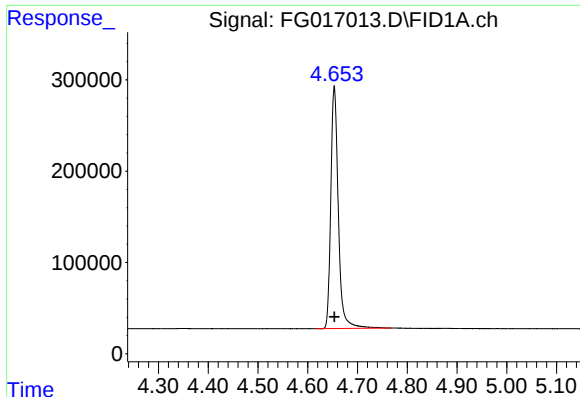
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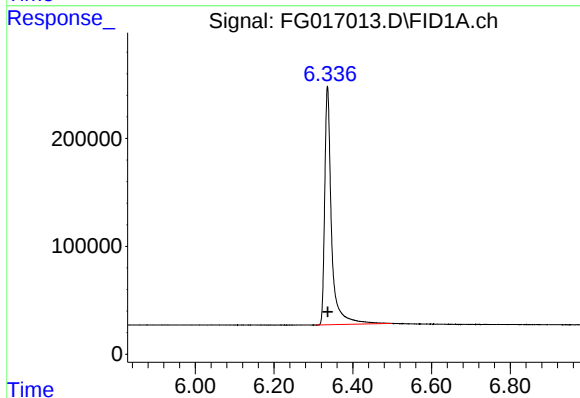




#1 1,2,3-Trimethylbenzene (C10.1)

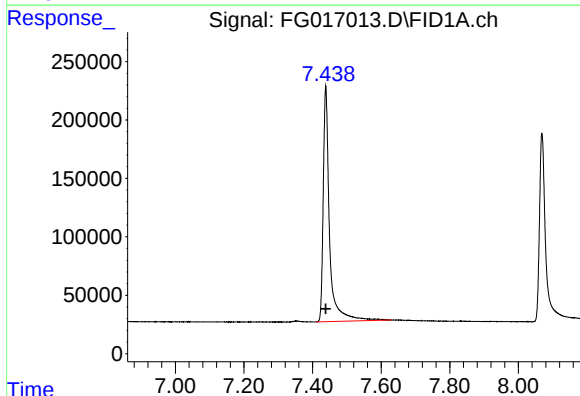
R.T.: 4.654 min
Delta R.T.: 0.000 min
Response: 2785241
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM AROMATIC HC STD3



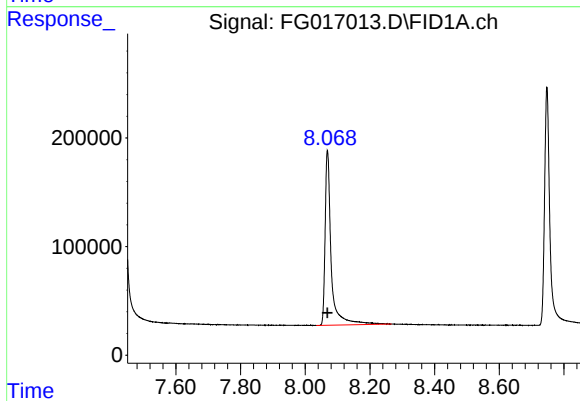
#2 Naphthalene (C11.7)

R.T.: 6.336 min
Delta R.T.: 0.000 min
Response: 2667100
Conc: 20.00 ug/ml



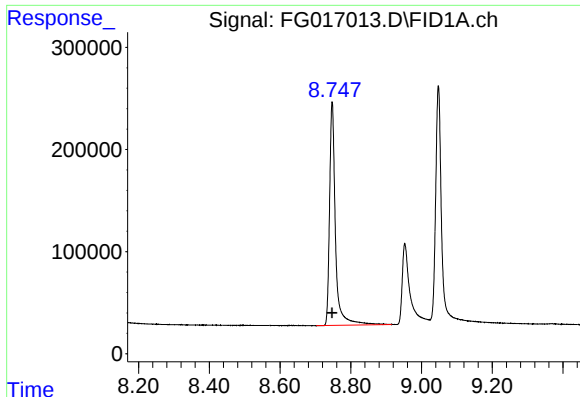
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.439 min
Delta R.T.: 0.000 min
Response: 2585353
Conc: 20.00 ug/ml



#4 2-Bromonaphthalene (SURR)

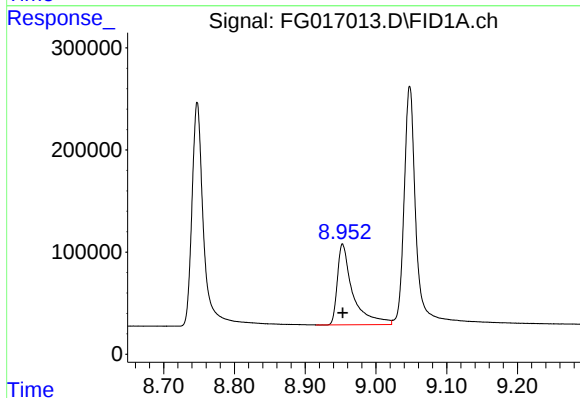
R.T.: 8.069 min
Delta R.T.: 0.000 min
Response: 2116237
Conc: 20.00 ug/ml



#5 Acenaphthylene (C15.06)

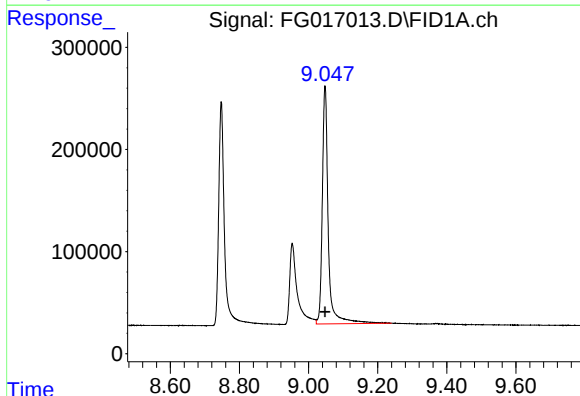
R.T.: 8.748 min
Delta R.T.: 0.000 min
Response: 2543734
Conc: 20.00 ug/ml

Instrument :
FID_G
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20 PPM AROMATIC HC STD3



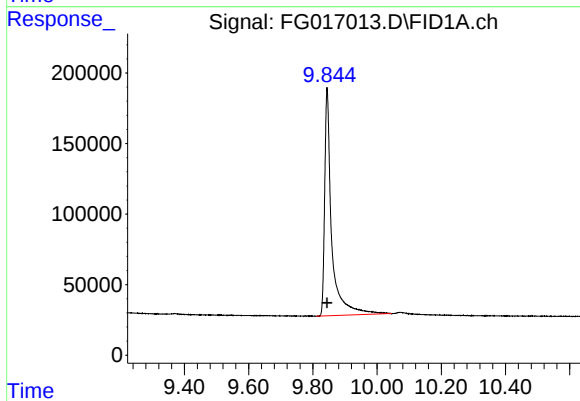
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.953 min
Delta R.T.: 0.000 min
Response: 1201088
Conc: 20.00 ug/ml



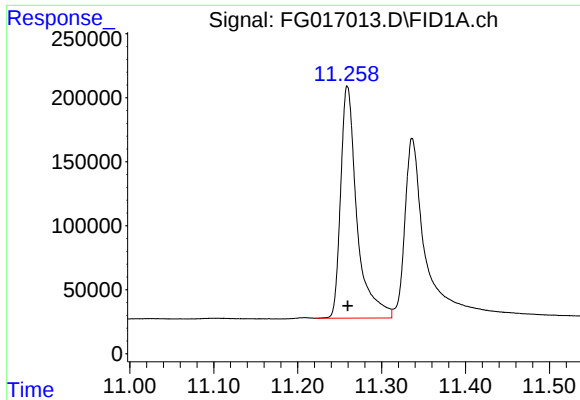
#7 Acenaphthene (C15.5)

R.T.: 9.048 min
Delta R.T.: 0.000 min
Response: 2795244
Conc: 20.00 ug/ml



#8 Fluorene (C16.55)

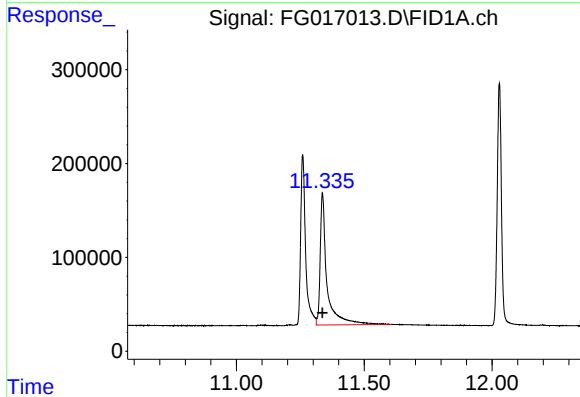
R.T.: 9.845 min
Delta R.T.: 0.000 min
Response: 2466683
Conc: 20.00 ug/ml



#9 Phenanthrene (C19.36)

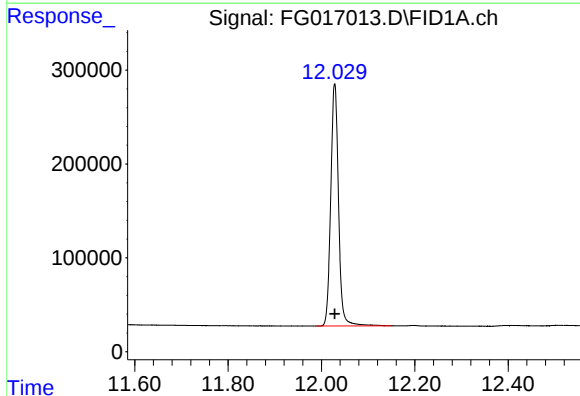
R.T.: 11.260 min
Delta R.T.: 0.000 min
Response: 2448511
Conc: 20.00 ug/ml

Instrument :
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20 PPM AROMATIC HC STD3



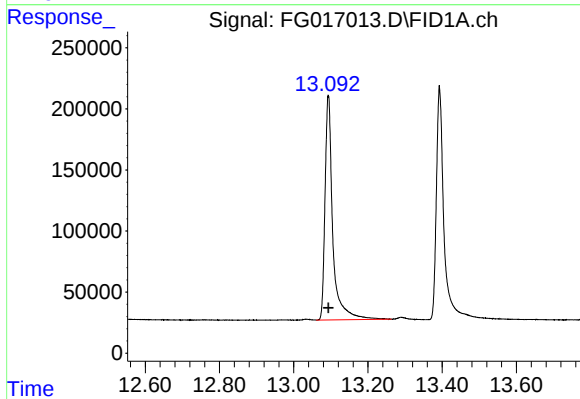
#10 Anthracene (C19.43)

R.T.: 11.337 min
Delta R.T.: 0.000 min
Response: 2625538
Conc: 20.00 ug/ml



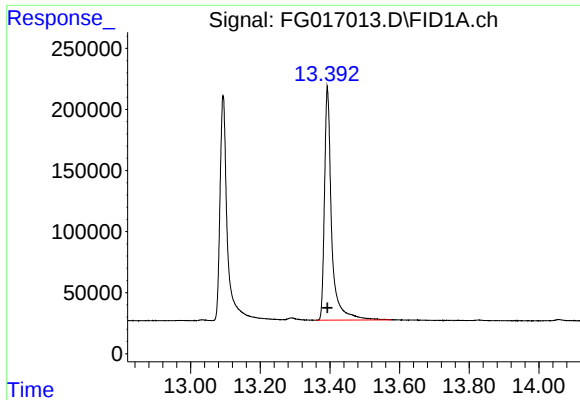
#11 ortho-Terphenyl (SURR)

R.T.: 12.028 min
Delta R.T.: 0.000 min
Response: 2989488
Conc: 20.00 ug/ml



#12 Fluoranthene (C21.85)

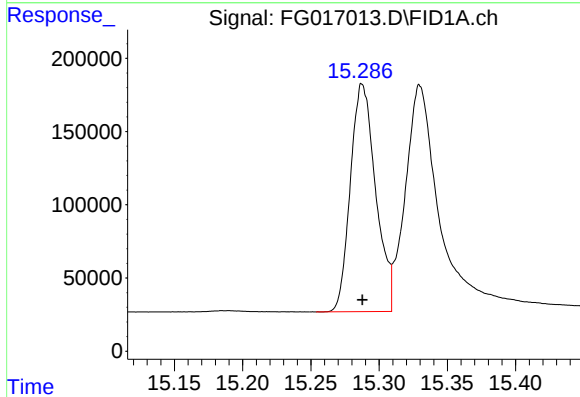
R.T.: 13.093 min
Delta R.T.: 0.000 min
Response: 2676443
Conc: 20.00 ug/ml



#13 Pyrene (C20.8)

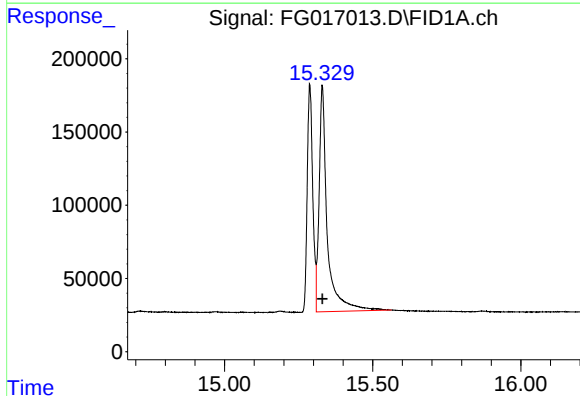
R.T.: 13.393 min
Delta R.T.: 0.000 min
Response: 2724589
Conc: 20.00 ug/ml

Instrument :
FID_G
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20 PPM AROMATIC HC STD3



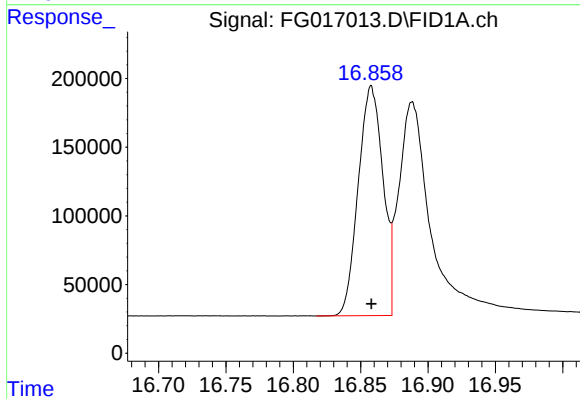
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.288 min
Delta R.T.: 0.000 min
Response: 2002067
Conc: 20.00 ug/ml



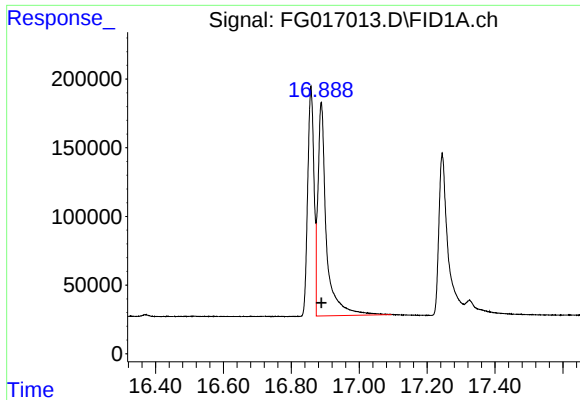
#15 Chrysene (C27.41)

R.T.: 15.330 min
Delta R.T.: 0.000 min
Response: 2962828
Conc: 20.00 ug/ml



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

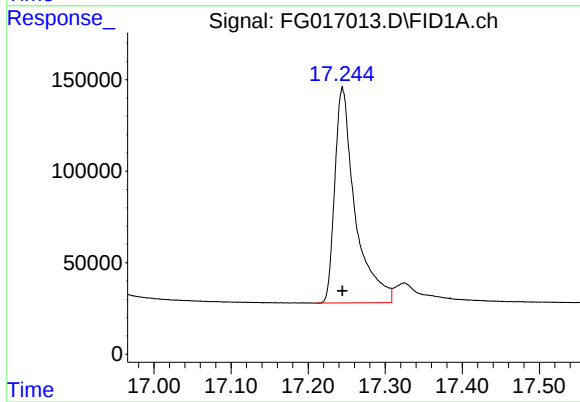
R.T.: 16.858 min
Delta R.T.: 0.000 min
Response: 2134553
Conc: 20.00 ug/ml



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

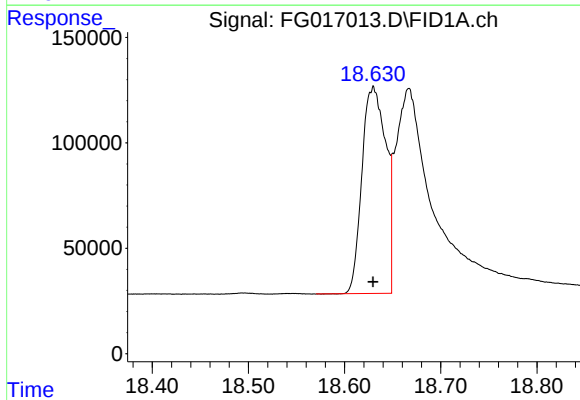
R.T.: 16.888 min
Delta R.T.: 0.000 min
Response: 2729932
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM AROMATIC HC STD3



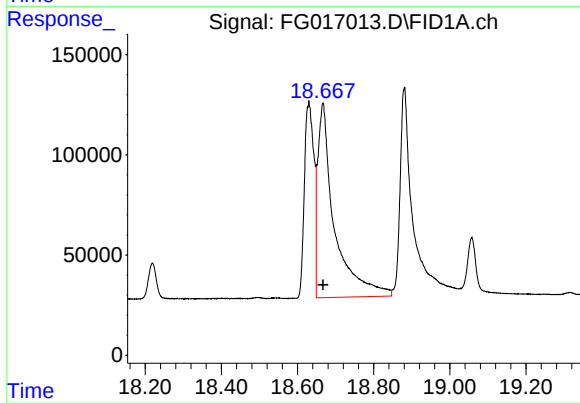
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.245 min
Delta R.T.: 0.000 min
Response: 2150045
Conc: 20.00 ug/ml



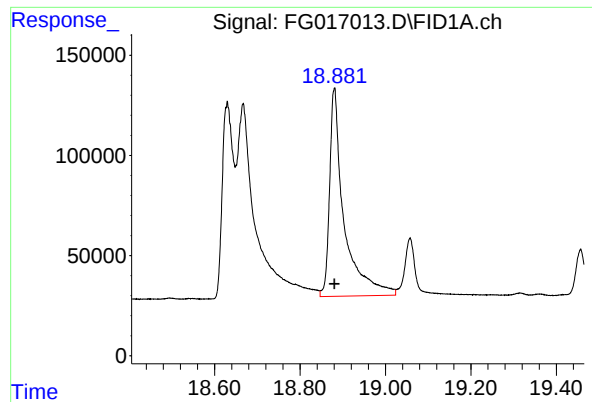
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.630 min
Delta R.T.: 0.000 min
Response: 1697260
Conc: 20.00 ug/ml



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

R.T.: 18.667 min
Delta R.T.: 0.000 min
Response: 2960499
Conc: 20.00 ug/ml



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

R.T.: 18.880 min
Delta R.T.: 0.000 min
Response: 2446384
Conc: 20.00 ug/ml

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