

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG102925AR\
 Data File : FG016860.D
 Signal(s) : FID1A.ch
 Acq On : 29 Oct 2025 23:02
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD3
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM AROMATIC HC STD3

Integration File: autoint1.e
 Quant Time: Oct 30 05:29:20 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 102925.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 30 05:27:38 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...	8.077	2181331	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	8.962	1211052	20.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.00%
11) S ortho-Terphenyl (SURR)	12.038	2895648	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.661	2627089	20.000 ug/ml
2) T Naphthalene (C11.7)	6.344	2693815	20.000 ug/ml
3) T 2-Methylnaphthalene (...)	7.447	2637998	21.594 ug/ml
5) T Acenaphthylene (C15.06)	8.756	2415026	20.000 ug/ml
7) T Acenaphthene (C15.5)	9.057	2753610	20.000 ug/ml
8) T Flouorene (C16.55)	9.854	2494633	20.000 ug/ml
9) T Phenanthrene (C19.36)	11.270	2423374	20.373 ug/ml
10) T Anthracene (C19.43)	11.346	2929341	20.940 ug/ml
12) T Fluoranthene (C21.85)	13.103	2735748	20.000 ug/ml
13) T Pyrene (C20.8)	13.404	2819460	20.000 ug/ml
14) T Benzo[a]anthracene (C...	15.298	2116677	19.840 ug/ml
15) T Chrysene (C27.41)	15.340	3180793	20.000 ug/ml
16) T benzo[b]fluoranthene ...	16.868	2146584	19.632 ug/ml
17) T Bnezo[k]fluoranthene ...	16.898	2901009	20.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.255	2228318	20.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.638	1519233	19.853 ug/ml
20) T Dibenz[a,h]anthracene...	18.676	2943313	20.000 ug/ml
21) T Benzo[g,h,i]perylene ...	18.890	2390204	20.000 ug/ml

(f)=RT Delta > 1/2 Window

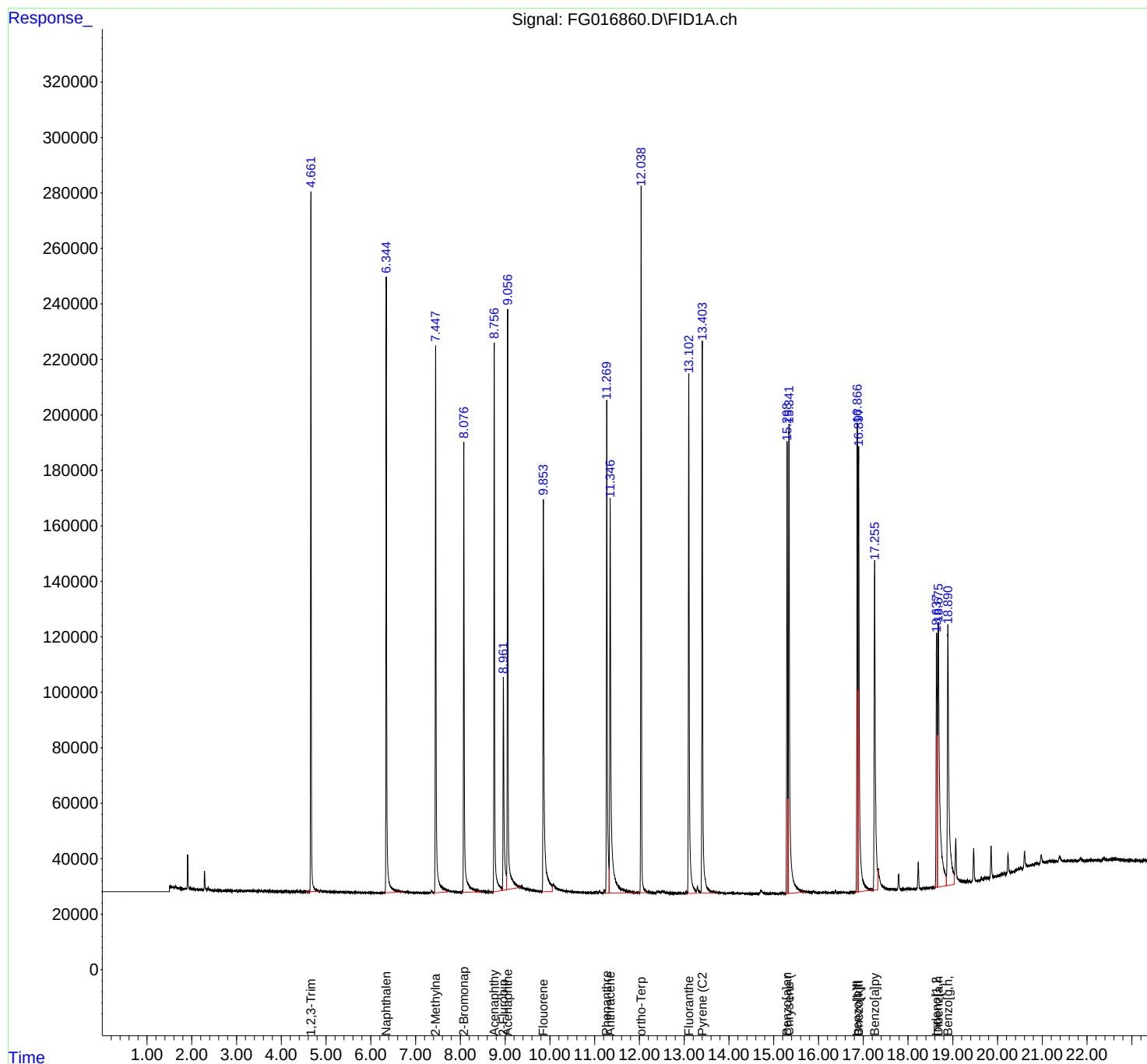
(m)=manual int.

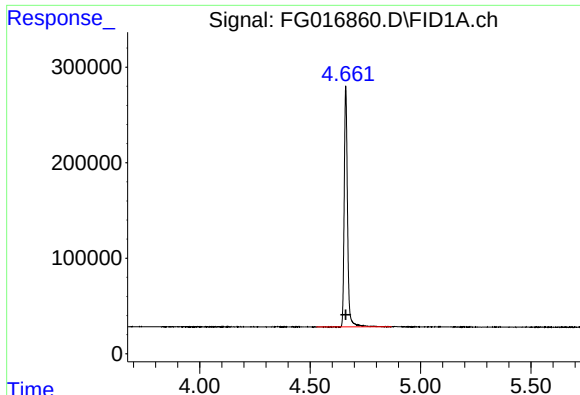
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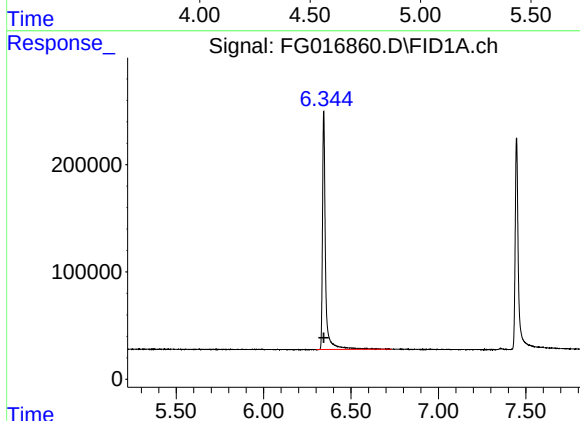




#1 1,2,3-Trimethylbenzene (C10.1)

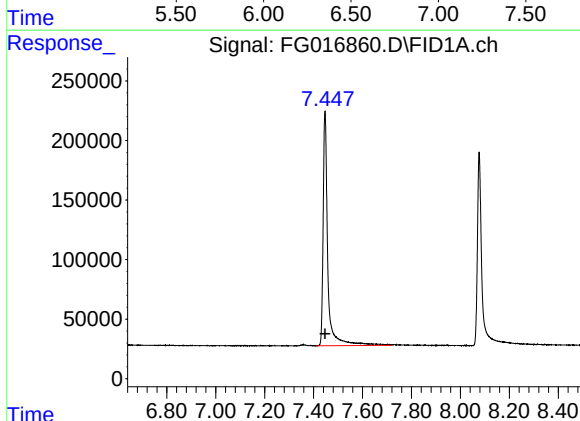
R.T.: 4.661 min
Delta R.T.: 0.000 min
Response: 2627089
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM AROMATIC HC STD3



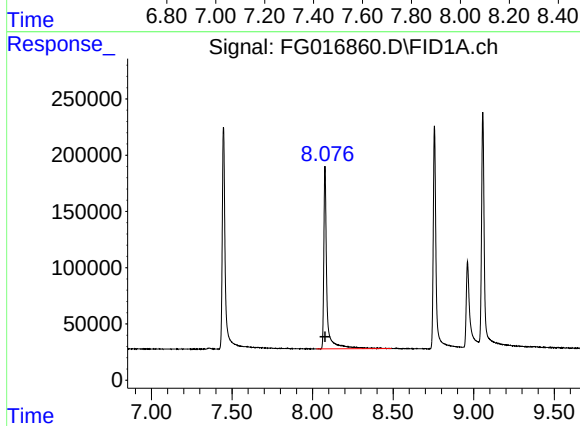
#2 Naphthalene (C11.7)

R.T.: 6.344 min
Delta R.T.: 0.000 min
Response: 2693815
Conc: 20.00 ug/ml



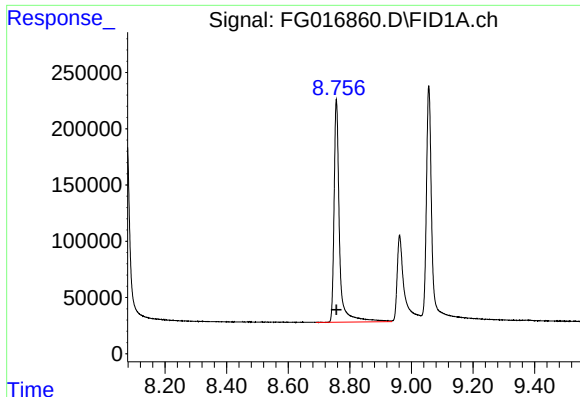
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.447 min
Delta R.T.: 0.000 min
Response: 2637998
Conc: 21.59 ug/ml



#4 2-Bromonaphthalene (SURR)

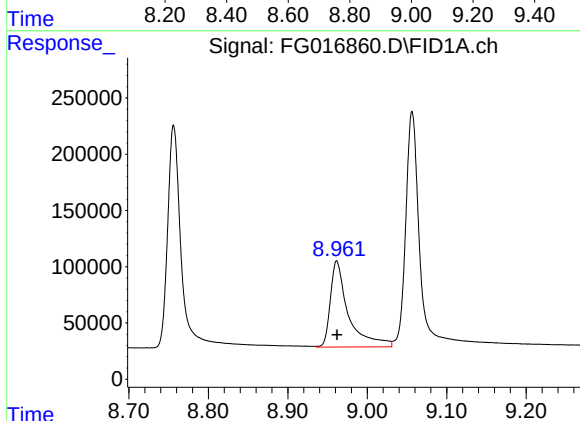
R.T.: 8.077 min
Delta R.T.: 0.000 min
Response: 2181331
Conc: 20.00 ug/ml



#5 Acenaphthylene (C15.06)

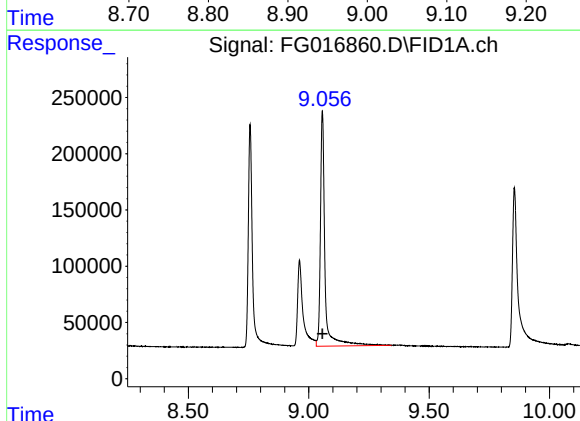
R.T.: 8.756 min
Delta R.T.: 0.000 min
Response: 2415026
Conc: 20.00 ug/ml

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20 PPM AROMATIC HC STD3



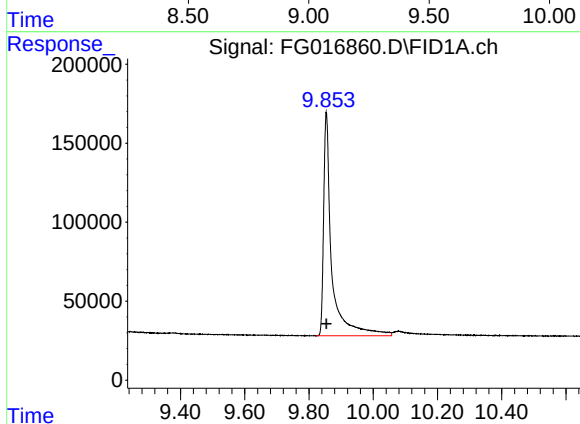
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.962 min
Delta R.T.: 0.000 min
Response: 1211052
Conc: 20.00 ug/ml



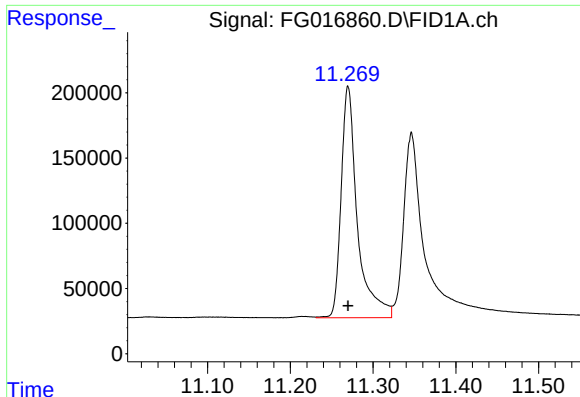
#7 Acenaphthene (C15.5)

R.T.: 9.057 min
Delta R.T.: 0.000 min
Response: 2753610
Conc: 20.00 ug/ml



#8 Fluorene (C16.55)

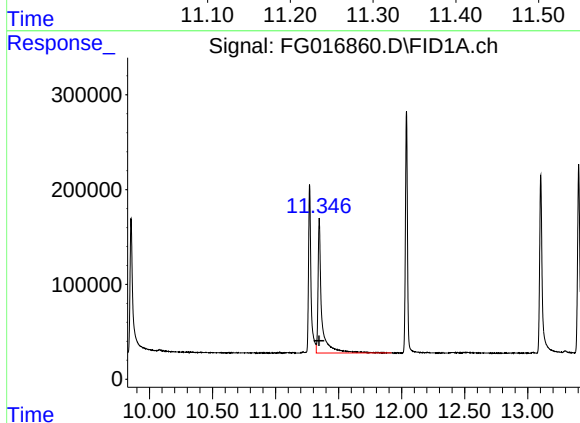
R.T.: 9.854 min
Delta R.T.: 0.000 min
Response: 2494633
Conc: 20.00 ug/ml



#9 Phenanthrene (C19.36)

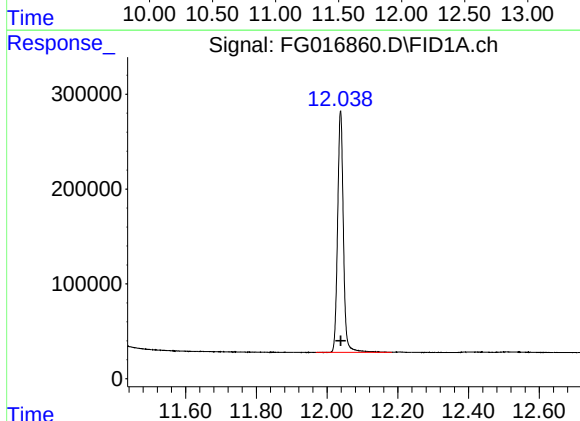
R.T.: 11.270 min
Delta R.T.: 0.000 min
Response: 2423374
Conc: 20.37 ug/ml

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20 PPM AROMATIC HC STD3



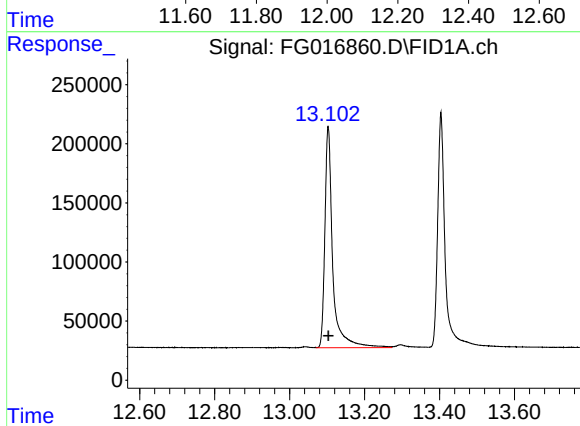
#10 Anthracene (C19.43)

R.T.: 11.346 min
Delta R.T.: 0.000 min
Response: 2929341
Conc: 20.94 ug/ml



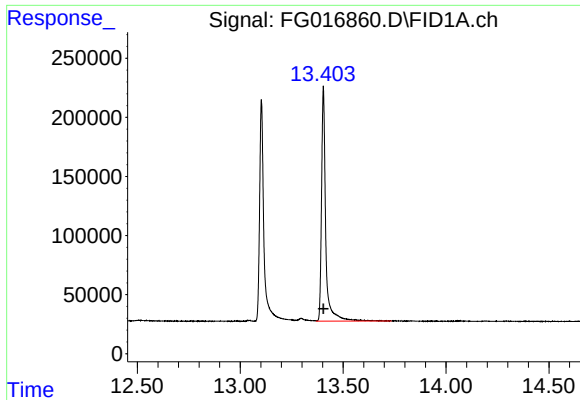
#11 ortho-Terphenyl (SURR)

R.T.: 12.038 min
Delta R.T.: 0.000 min
Response: 2895648
Conc: 20.00 ug/ml



#12 Fluoranthene (C21.85)

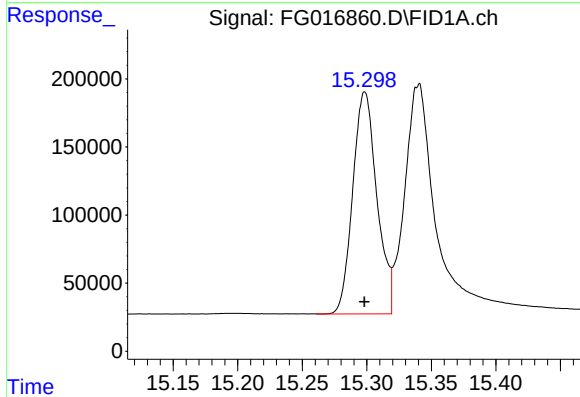
R.T.: 13.103 min
Delta R.T.: 0.000 min
Response: 2735748
Conc: 20.00 ug/ml



#13 Pyrene (C20.8)

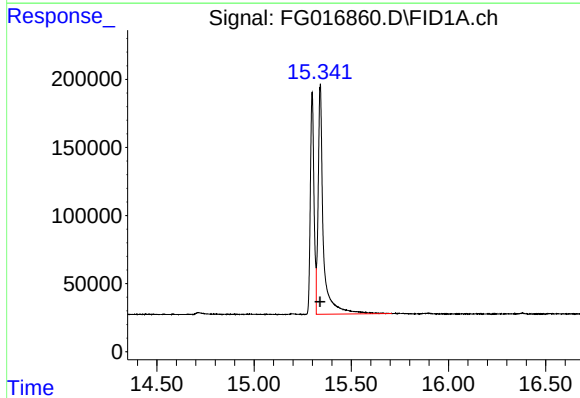
R.T.: 13.404 min
Delta R.T.: 0.000 min
Response: 2819460
Conc: 20.00 ug/ml

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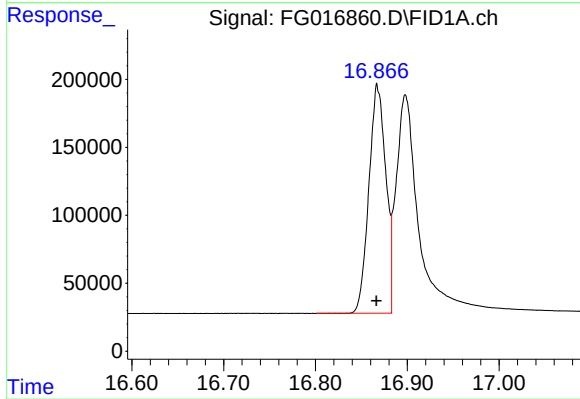
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.298 min
Delta R.T.: 0.000 min
Response: 2116677
Conc: 19.84 ug/ml



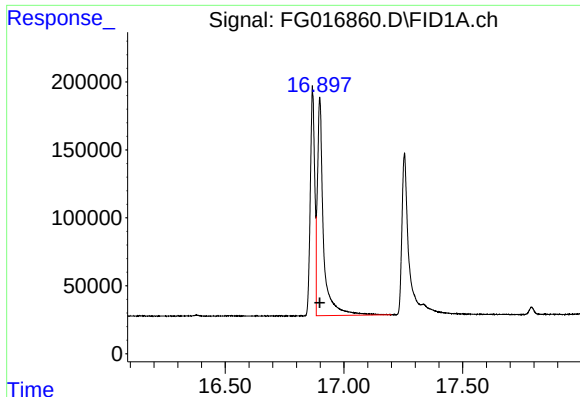
#15 Chrysene (C27.41)

R.T.: 15.340 min
Delta R.T.: 0.000 min
Response: 3180793
Conc: 20.00 ug/ml



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

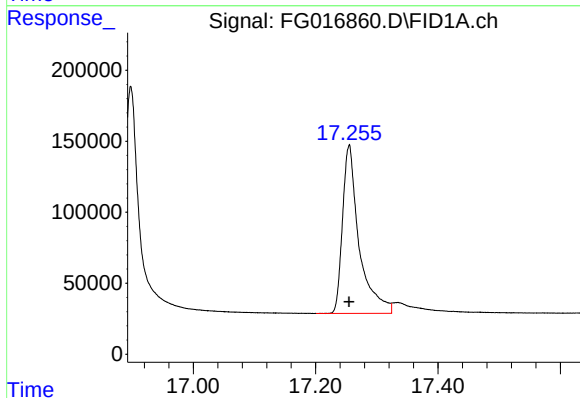
R.T.: 16.868 min
Delta R.T.: 0.001 min
Response: 2146584
Conc: 19.63 ug/ml



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

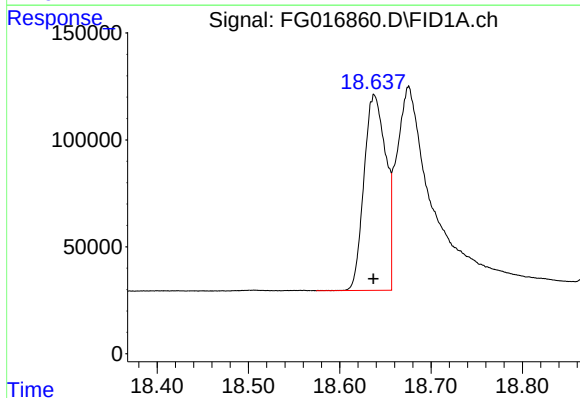
R.T.: 16.898 min
Delta R.T.: 0.000 min
Response: 2901009
Conc: 20.00 ug/ml

Instrument :
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20 PPM AROMATIC HC STD3



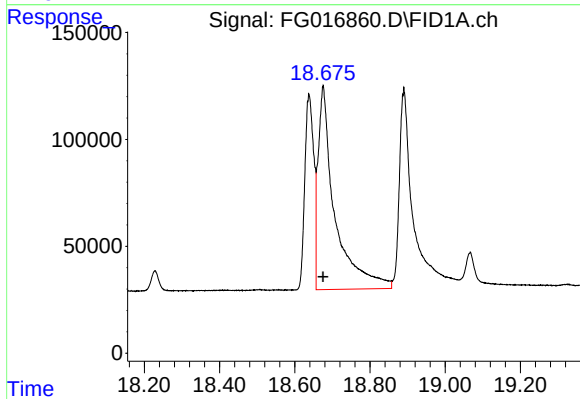
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.255 min
Delta R.T.: 0.000 min
Response: 2228318
Conc: 20.00 ug/ml



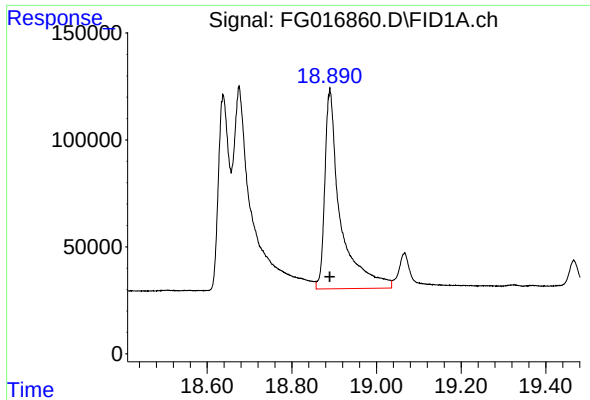
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.638 min
Delta R.T.: 0.001 min
Response: 1519233
Conc: 19.85 ug/ml



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

R.T.: 18.676 min
Delta R.T.: 0.000 min
Response: 2943313
Conc: 20.00 ug/ml



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

R.T.: 18.890 min
Delta R.T.: 0.000 min
Response: 2390204
Conc: 20.00 ug/ml

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