

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG090424AR\
 Data File : FG014166.D
 Signal(s) : FID1A.ch
 Acq On : 04 Sep 2024 10:12
 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: Sep 04 11:06:20 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 090424.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 04 11:06:02 2024
 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...	7.891	2283331	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	8.767	1498379	20.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.00%
11) S ortho-Terphenyl (SURR)	11.833	2664898	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.492	2565226	20.000 ug/ml
2) T Naphthalene (C11.7)	6.163	2622475	20.000 ug/ml
3) T 2-Methylnaphthalene (...)	7.262	2528157	20.000 ug/ml
5) T Acenaphthylene (C15.06)	8.564	2622757	20.000 ug/ml
7) T Acenaphthene (C15.5)	8.864	2725637	20.000 ug/ml
8) T Fluorene (C16.55)	9.656	2626317	20.000 ug/ml
9) T Phenanthrene (C19.36)	11.066	2450398	20.000 ug/ml
10) T Anthracene (C19.43)	11.142	2694894	20.000 ug/ml
12) T Fluoranthene (C21.85)	12.892	2617046	20.000 ug/ml
13) T Pyrene (C20.8)	13.190	2627941	20.000 ug/ml
14) T Benzo[a]anthracene (C...	15.075	2333282	20.000 ug/ml
15) T Chrysene (C27.41)	15.118	2727933	20.000 ug/ml
16) T benzo[b]fluoranthene ...	16.639	2375242	20.000 ug/ml
17) T Bnezo[k]fluoranthene ...	16.670	2555755	20.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.021	2482751	20.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.397	1951059	20.000 ug/ml
20) T Dibenz[a,h]anthracene...	18.434	3020979	20.000 ug/ml
21) T Benzo[g,h,i]perylene ...	18.653	2657064	20.000 ug/ml

(f)=RT Delta > 1/2 Window

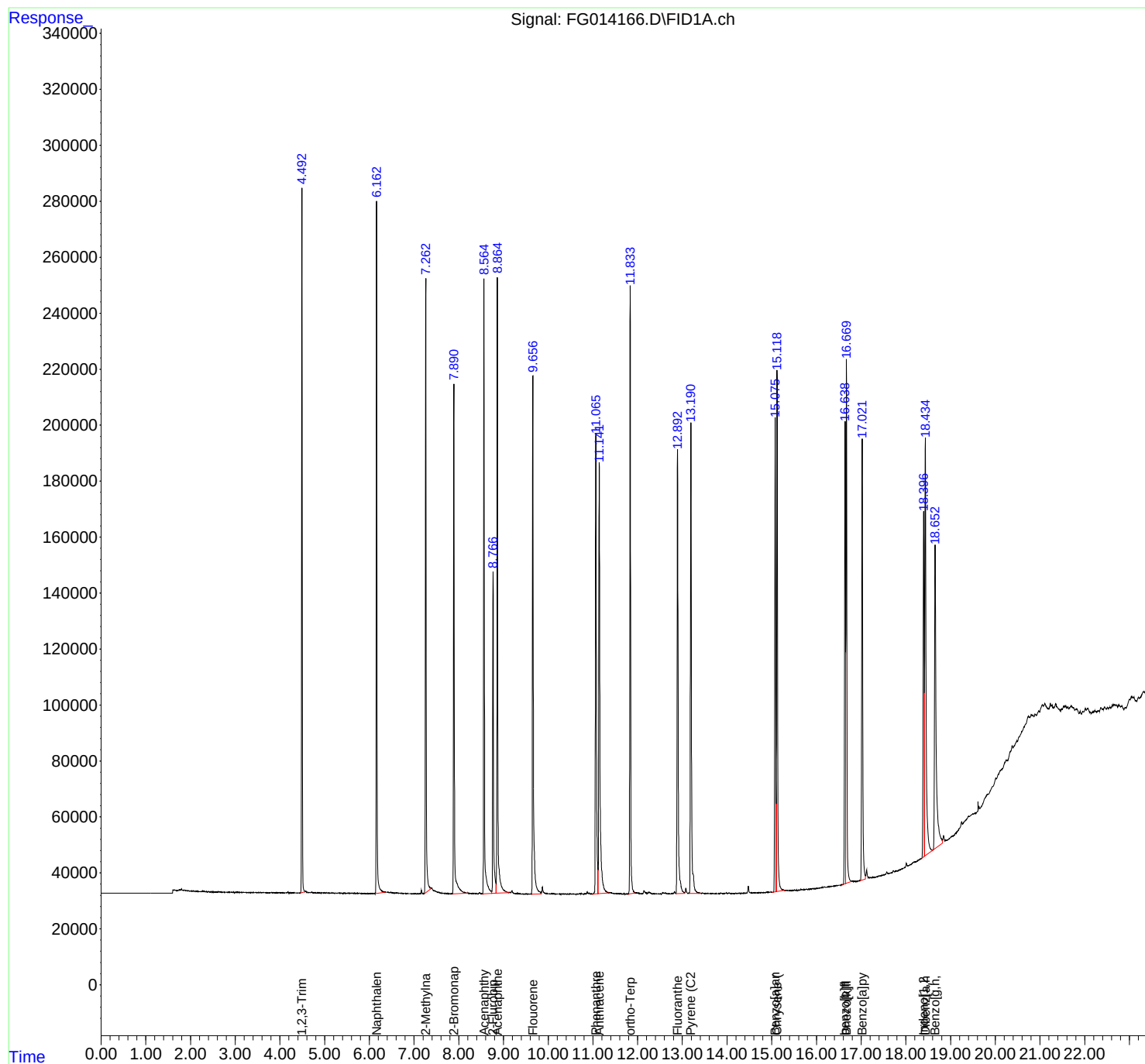
(m)=manual int.

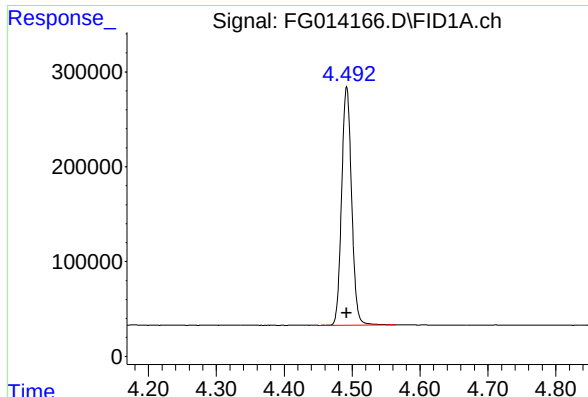
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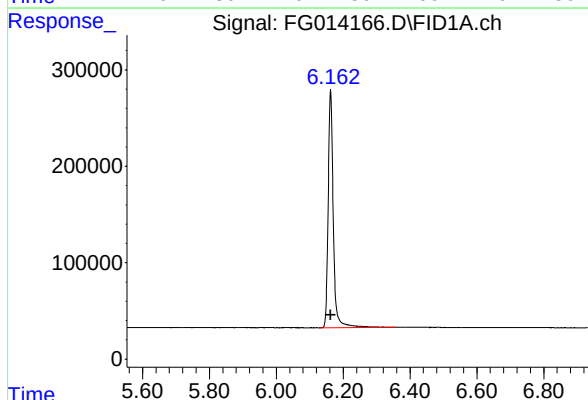




#1 1,2,3-Trimethylbenzene (C10.1)

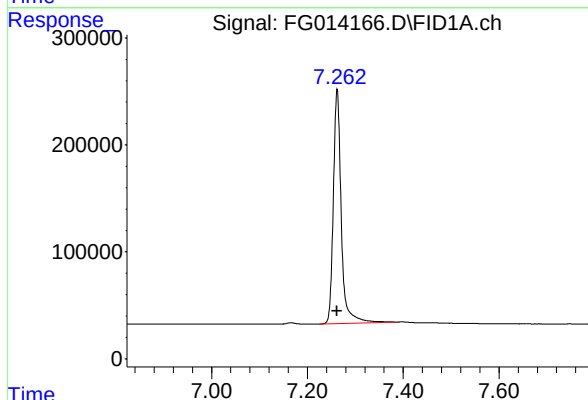
R.T.: 4.492 min
Delta R.T.: 0.000 min
Response: 2565226
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM AROMATIC HC STD3



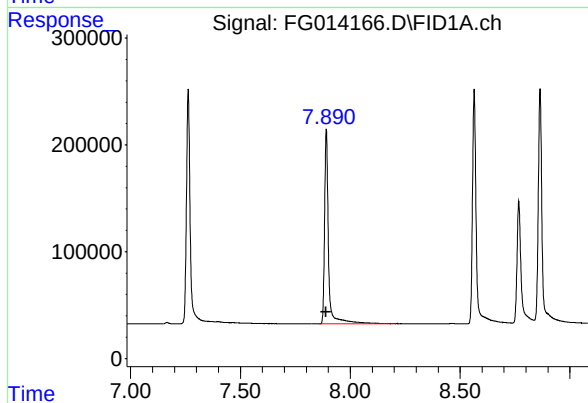
#2 Naphthalene (C11.7)

R.T.: 6.163 min
Delta R.T.: 0.000 min
Response: 2622475
Conc: 20.00 ug/ml



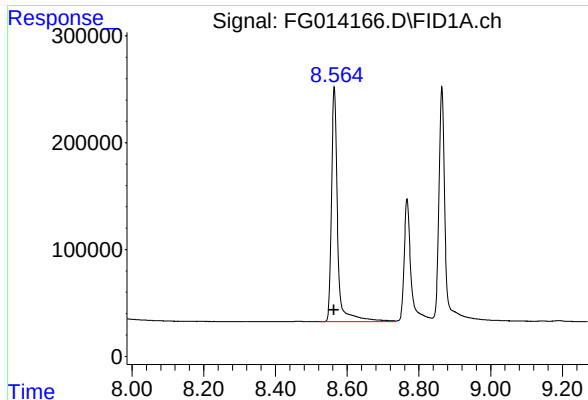
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.262 min
Delta R.T.: 0.000 min
Response: 2528157
Conc: 20.00 ug/ml



#4 2-Bromonaphthalene (SURR)

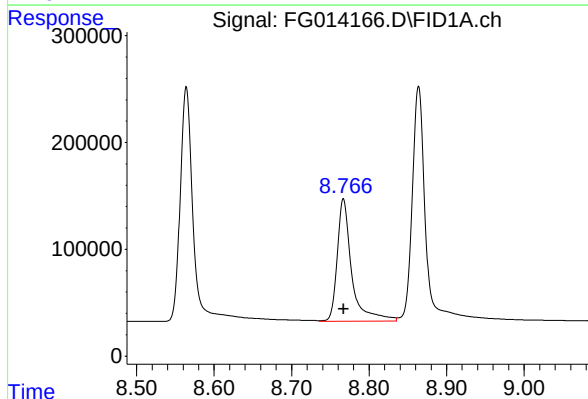
R.T.: 7.891 min
Delta R.T.: 0.000 min
Response: 2283331
Conc: 20.00 ug/ml



#5 Acenaphthylene (C15.06)

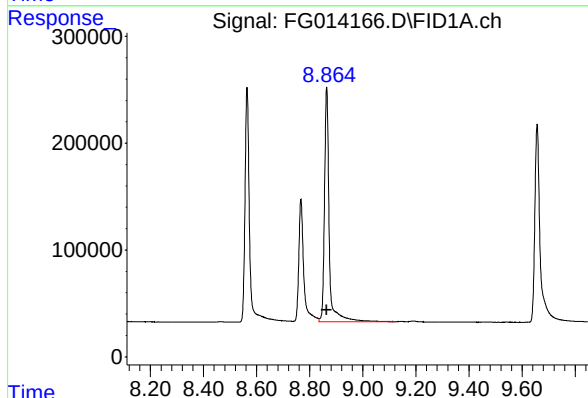
R.T.: 8.564 min
Delta R.T.: 0.000 min
Response: 2622757
Conc: 20.00 ug/ml

Instrument :
FID_G
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20 PPM AROMATIC HC STD3



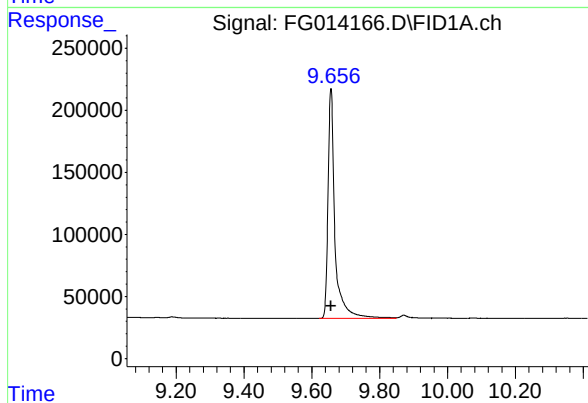
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.767 min
Delta R.T.: 0.000 min
Response: 1498379
Conc: 20.00 ug/ml



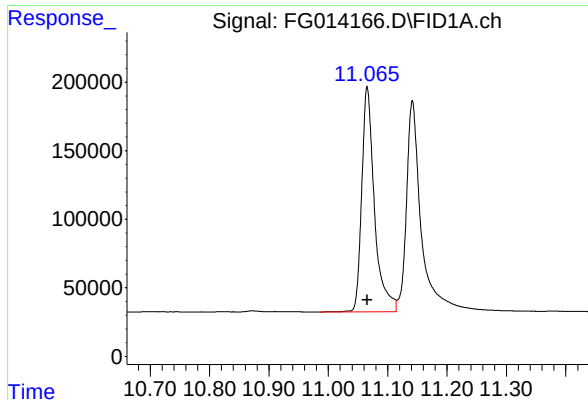
#7 Acenaphthene (C15.5)

R.T.: 8.864 min
Delta R.T.: 0.000 min
Response: 2725637
Conc: 20.00 ug/ml



#8 Flouorene (C16.55)

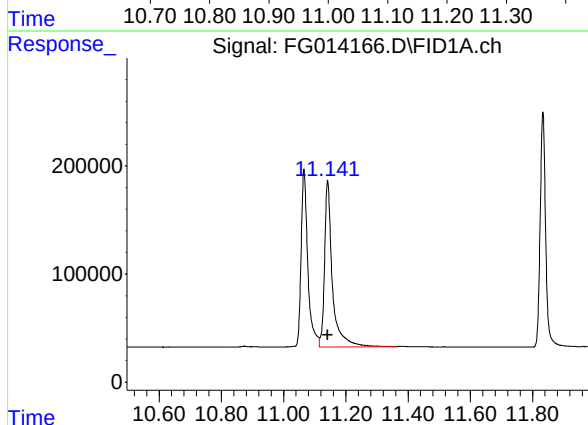
R.T.: 9.656 min
Delta R.T.: 0.000 min
Response: 2626317
Conc: 20.00 ug/ml



#9 Phenanthrene (C19.36)

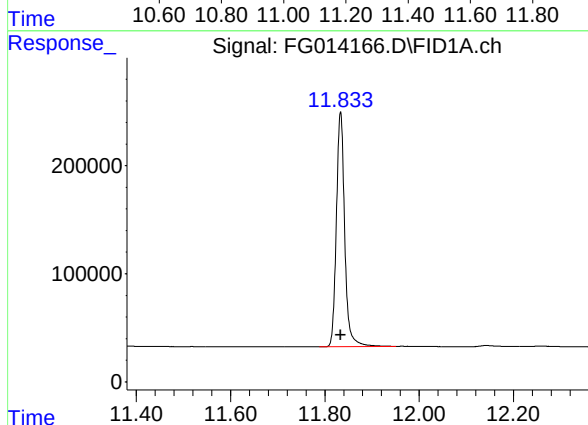
R.T.: 11.066 min
Delta R.T.: 0.000 min
Response: 2450398
Conc: 20.00 ug/ml

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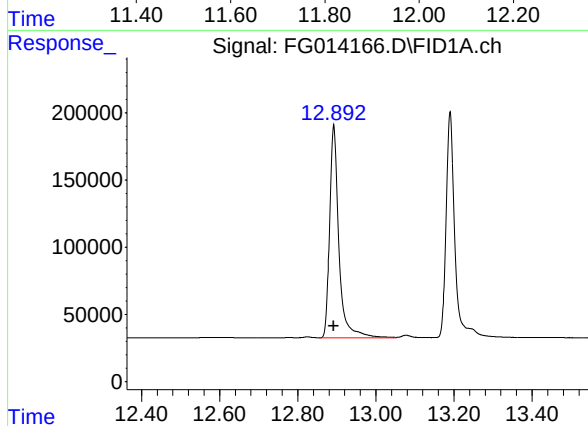
#10 Anthracene (C19.43)

R.T.: 11.142 min
Delta R.T.: 0.000 min
Response: 2694894
Conc: 20.00 ug/ml



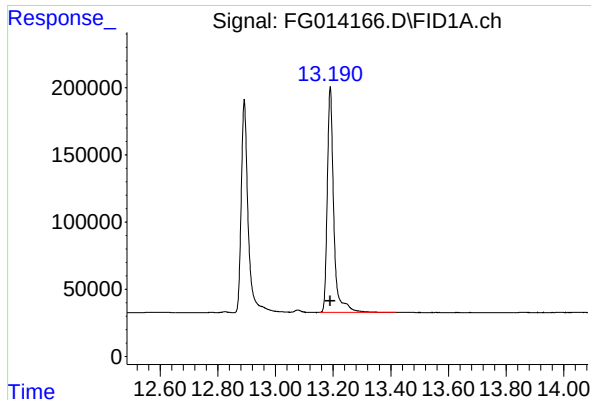
#11 ortho-Terphenyl (SURR)

R.T.: 11.833 min
Delta R.T.: 0.000 min
Response: 2664898
Conc: 20.00 ug/ml



#12 Fluoranthene (C21.85)

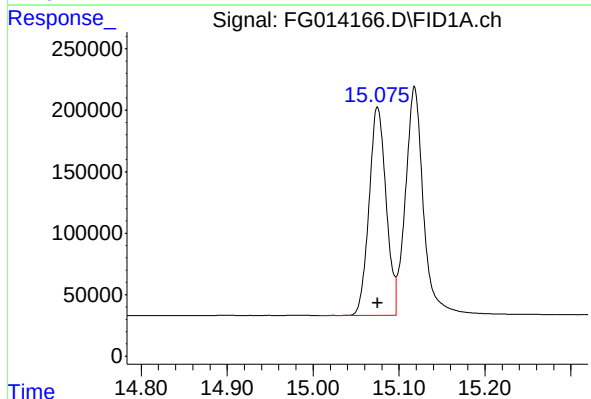
R.T.: 12.892 min
Delta R.T.: 0.000 min
Response: 2617046
Conc: 20.00 ug/ml



#13 Pyrene (C20.8)

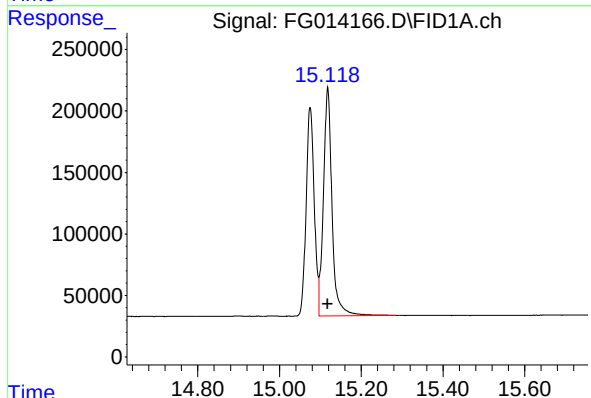
R.T.: 13.190 min
Delta R.T.: 0.000 min
Response: 2627941
Conc: 20.00 ug/ml

Instrument :
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20 PPM AROMATIC HC STD3



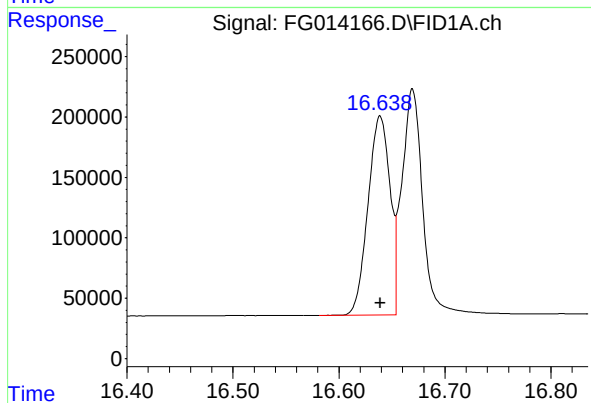
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.075 min
Delta R.T.: 0.000 min
Response: 2333282
Conc: 20.00 ug/ml



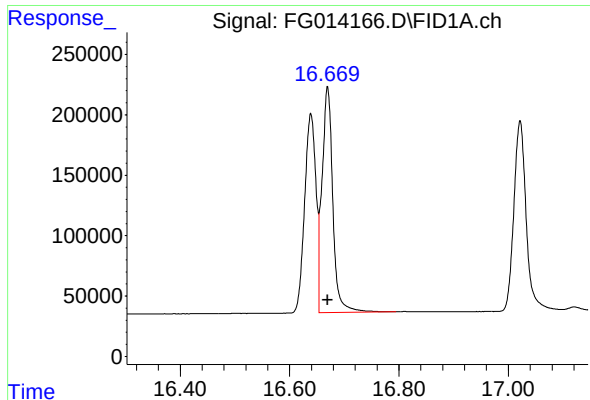
#15 Chrysene (C27.41)

R.T.: 15.118 min
Delta R.T.: 0.000 min
Response: 2727933
Conc: 20.00 ug/ml



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

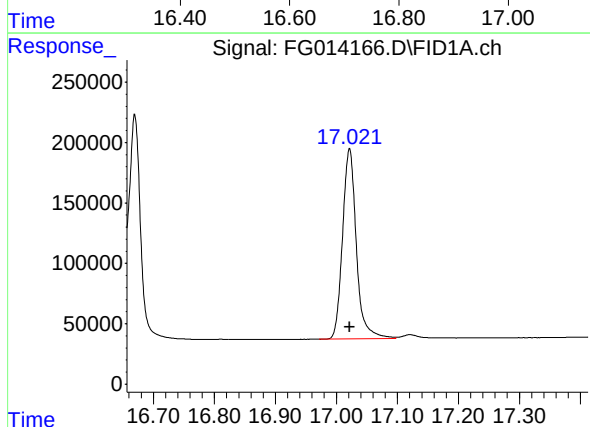
R.T.: 16.639 min
Delta R.T.: 0.000 min
Response: 2375242
Conc: 20.00 ug/ml



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

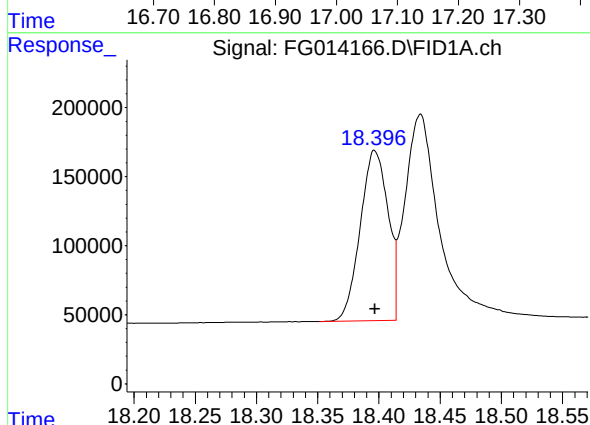
R.T.: 16.670 min
Delta R.T.: 0.000 min
Response: 2555755
Conc: 20.00 ug/ml

Instrument :
FID_G
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20 PPM AROMATIC HC STD3



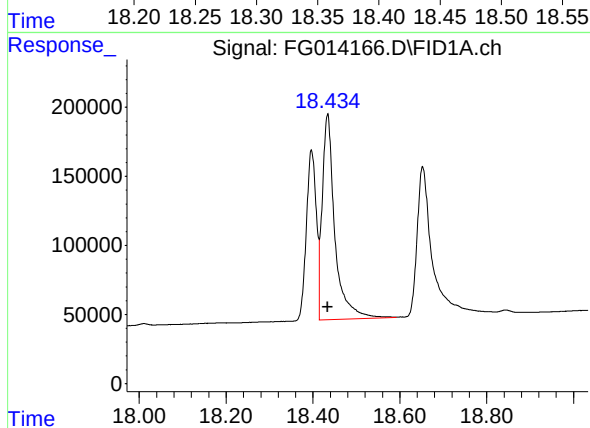
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.021 min
Delta R.T.: 0.000 min
Response: 2482751
Conc: 20.00 ug/ml



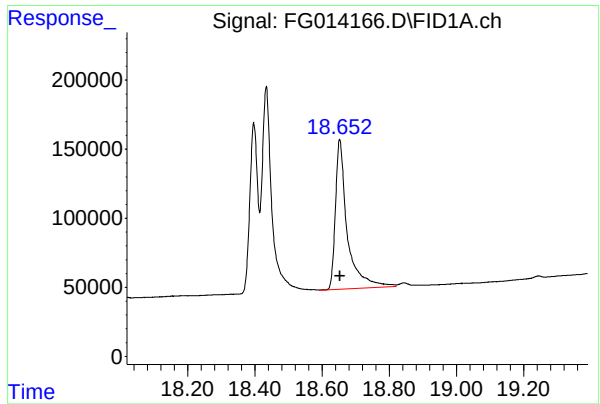
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.397 min
Delta R.T.: 0.000 min
Response: 1951059
Conc: 20.00 ug/ml



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

R.T.: 18.434 min
Delta R.T.: 0.000 min
Response: 3020979
Conc: 20.00 ug/ml



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

R.T.: 18.653 min
Delta R.T.: 0.000 min
Response: 2657064
Conc: 20.00 ug/ml

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