

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG022525AR\
 Data File : FG015406.D
 Signal(s) : FID1A.ch
 Acq On : 25 Feb 2025 14:54
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD3
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM AROMATIC HC STD3

Integration File: autoint1.e
 Quant Time: Feb 25 15:11:27 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 022525.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 25 15:11:10 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...	7.984	2350970	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	8.863	1583486	20.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.00%
11) S ortho-Terphenyl (SURR)	11.936	2677262	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.573	2609739	20.000 ug/ml
2) T Naphthalene (C11.7)	6.253	2653959	20.000 ug/ml
3) T 2-Methylnaphthalene (...)	7.355	2594015	20.000 ug/ml
5) T Acenaphthylene (C15.06)	8.662	2652874	20.000 ug/ml
7) T Acenaphthene (C15.5)	8.962	2606377	20.000 ug/ml
8) T Fluorene (C16.55)	9.754	2616646	20.000 ug/ml
9) T Phenanthrene (C19.36)	11.166	2540810	20.000 ug/ml
10) T Anthracene (C19.43)	11.242	2474069	20.000 ug/ml
12) T Fluoranthene (C21.85)	12.995	2527819	20.000 ug/ml
13) T Pyrene (C20.8)	13.294	2492126	20.000 ug/ml
14) T Benzo[a]anthracene (C...	15.181	2443733	20.000 ug/ml
15) T Chrysene (C27.41)	15.223	2489755	20.000 ug/ml
16) T benzo[b]fluoranthene ...	16.745	2564854	20.000 ug/ml
17) T Bnezo[k]fluoranthene ...	16.776	2584507	20.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.126	2517733	20.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.504	2432566	20.000 ug/ml
20) T Dibenz[a,h]anthracene...	18.541	2777959	20.000 ug/ml
21) T Benzo[g,h,i]perylene ...	18.760	2663737	20.000 ug/ml

(f)=RT Delta > 1/2 Window

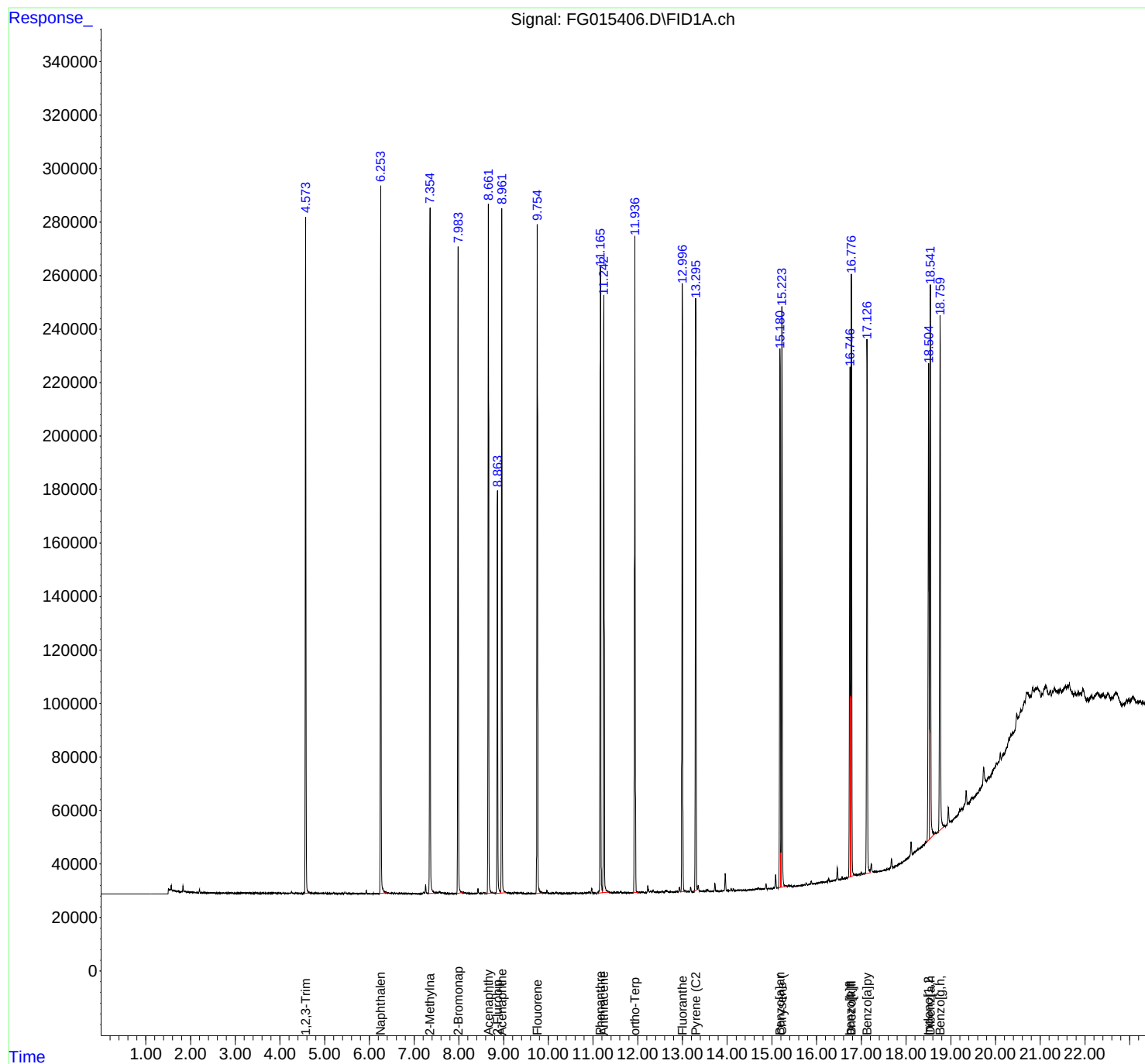
(m)=manual int.

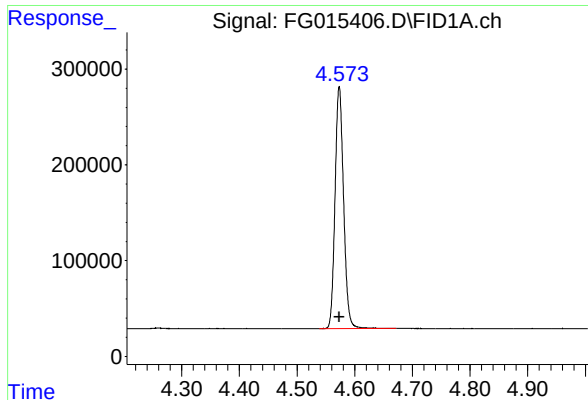
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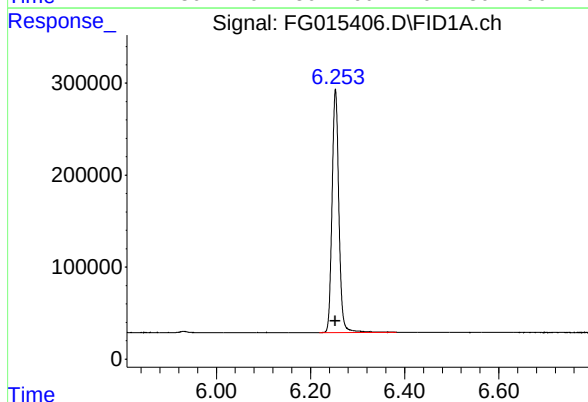




#1 1,2,3-Trimethylbenzene (C10.1)

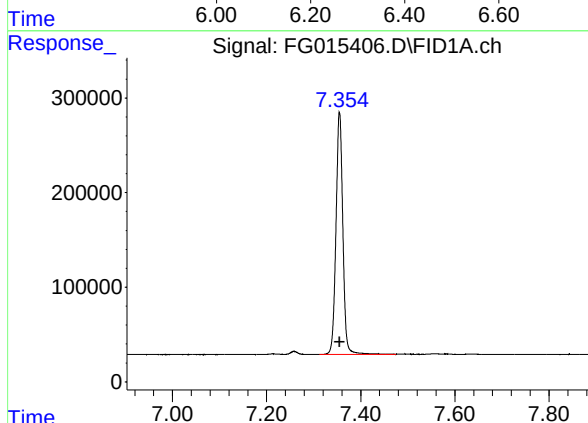
R.T.: 4.573 min
Delta R.T.: 0.000 min
Response: 2609739
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM AROMATIC HC STD3



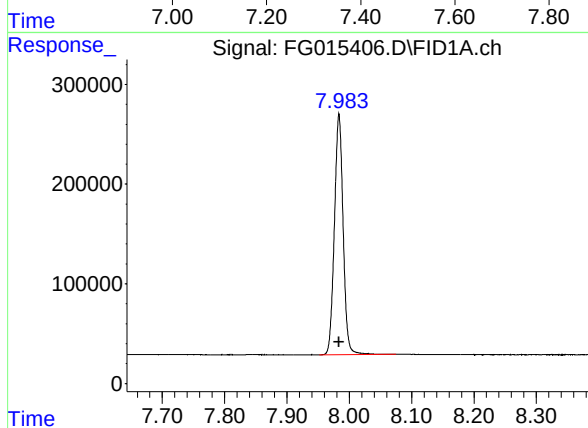
#2 Naphthalene (C11.7)

R.T.: 6.253 min
Delta R.T.: 0.000 min
Response: 2653959
Conc: 20.00 ug/ml



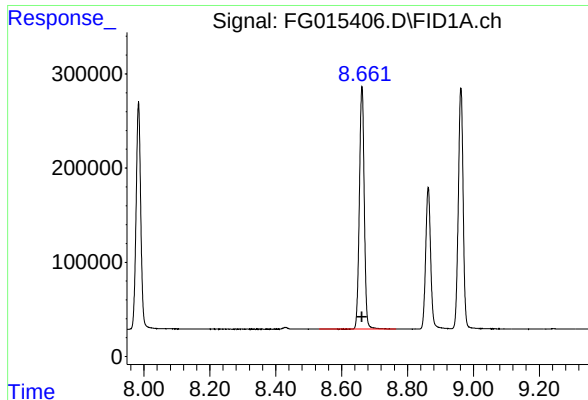
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.355 min
Delta R.T.: 0.000 min
Response: 2594015
Conc: 20.00 ug/ml



#4 2-Bromonaphthalene (SURR)

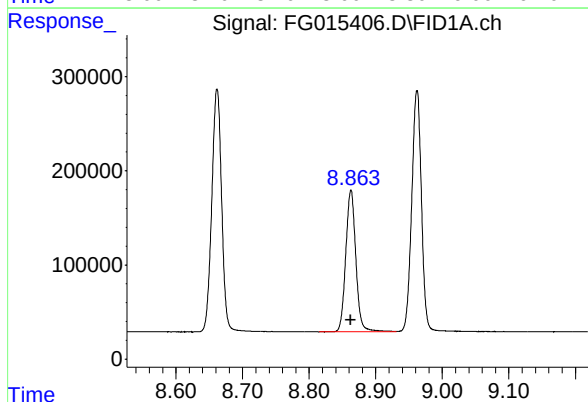
R.T.: 7.984 min
Delta R.T.: 0.000 min
Response: 2350970
Conc: 20.00 ug/ml



#5 Acenaphthylene (C15.06)

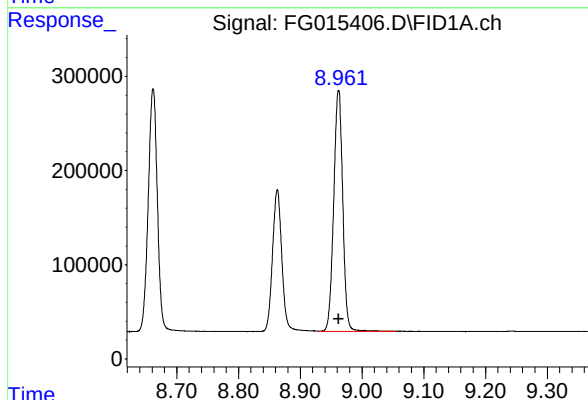
R.T.: 8.662 min
Delta R.T.: 0.000 min
Response: 2652874
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM AROMATIC HC STD3



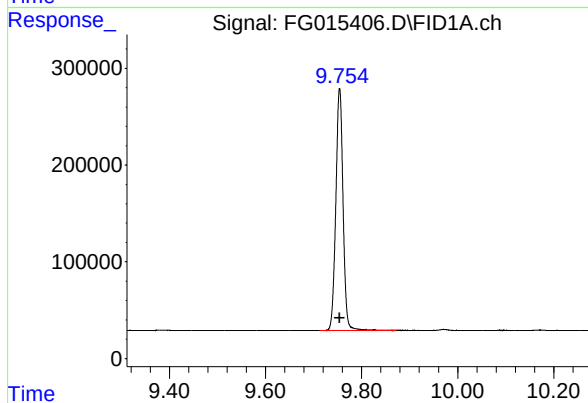
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.863 min
Delta R.T.: 0.000 min
Response: 1583486
Conc: 20.00 ug/ml



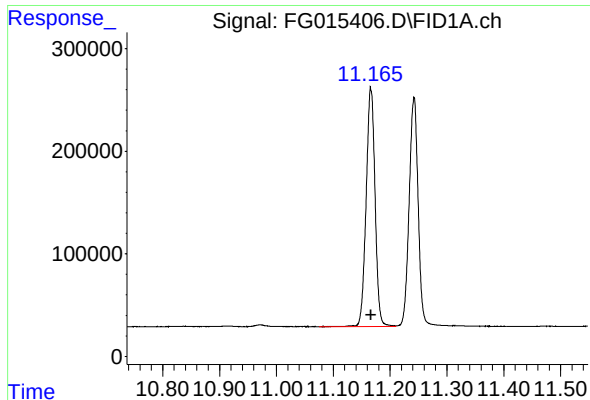
#7 Acenaphthene (C15.5)

R.T.: 8.962 min
Delta R.T.: 0.000 min
Response: 2606377
Conc: 20.00 ug/ml



#8 Fluorene (C16.55)

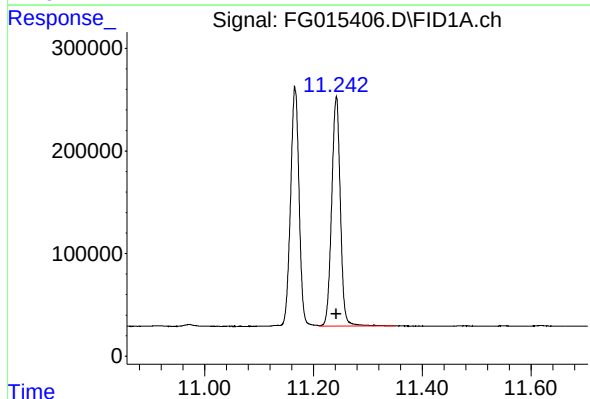
R.T.: 9.754 min
Delta R.T.: 0.000 min
Response: 2616646
Conc: 20.00 ug/ml



#9 Phenanthrene (C19.36)

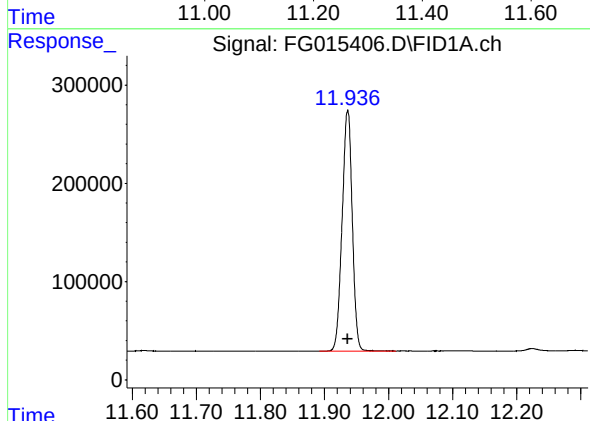
R.T.: 11.166 min
Delta R.T.: 0.000 min
Response: 2540810
Conc: 20.00 ug/ml

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20 PPM AROMATIC HC STD3



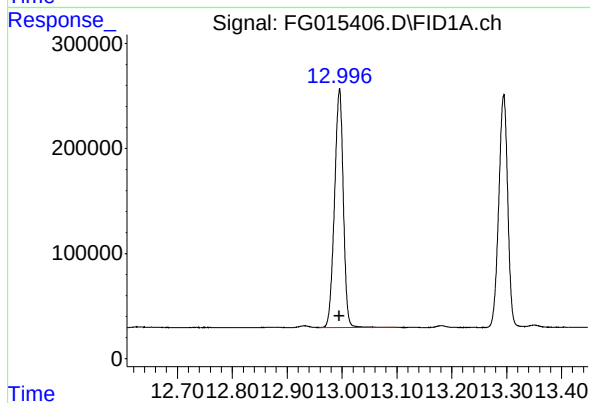
#10 Anthracene (C19.43)

R.T.: 11.242 min
Delta R.T.: 0.000 min
Response: 2474069
Conc: 20.00 ug/ml



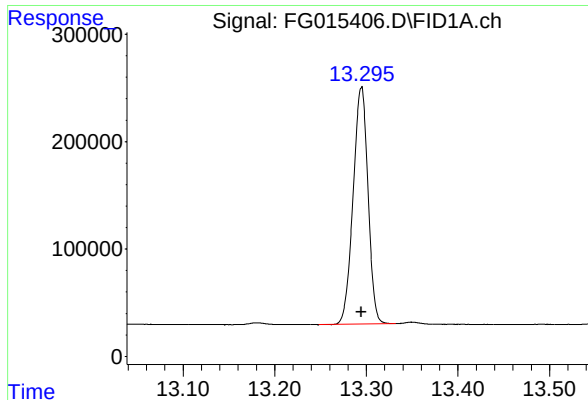
#11 ortho-Terphenyl (SURR)

R.T.: 11.936 min
Delta R.T.: 0.000 min
Response: 2677262
Conc: 20.00 ug/ml



#12 Fluoranthene (C21.85)

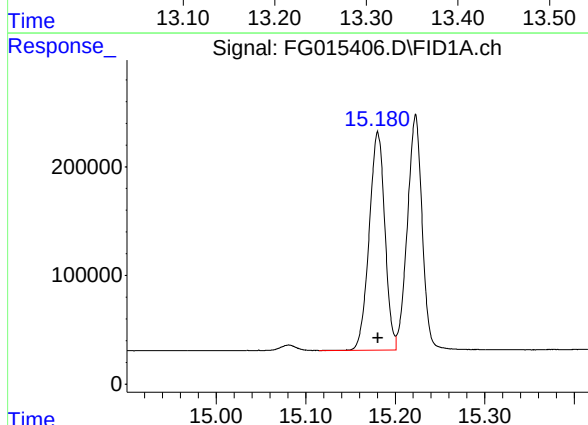
R.T.: 12.995 min
Delta R.T.: 0.000 min
Response: 2527819
Conc: 20.00 ug/ml



#13 Pyrene (C20.8)

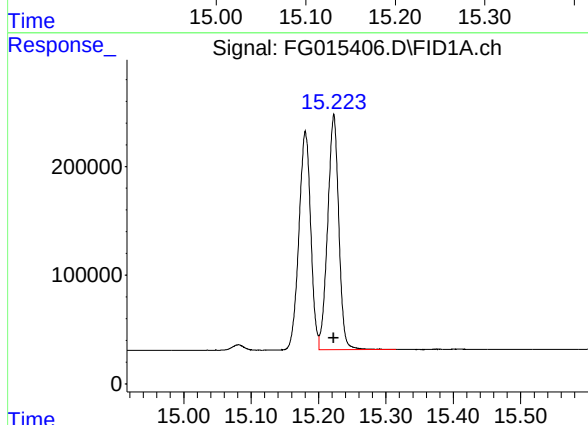
R.T.: 13.294 min
Delta R.T.: 0.000 min
Response: 2492126
Conc: 20.00 ug/ml

Instrument :
FID_G
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20 PPM AROMATIC HC STD3



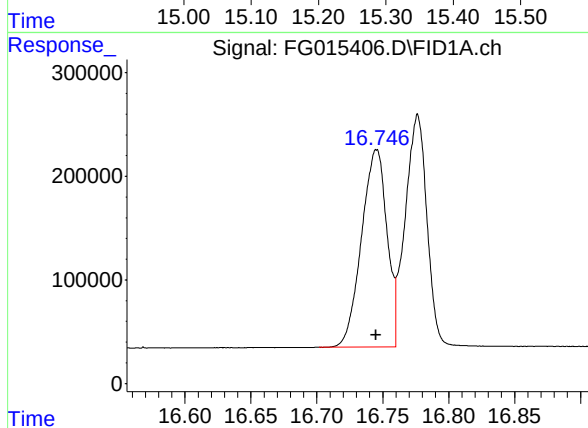
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.181 min
Delta R.T.: 0.000 min
Response: 2443733
Conc: 20.00 ug/ml



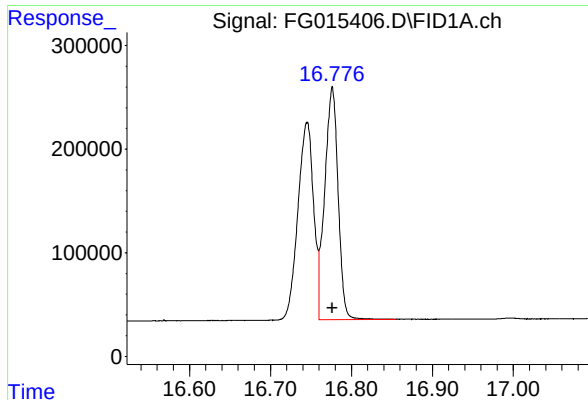
#15 Chrysene (C27.41)

R.T.: 15.223 min
Delta R.T.: 0.000 min
Response: 2489755
Conc: 20.00 ug/ml



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

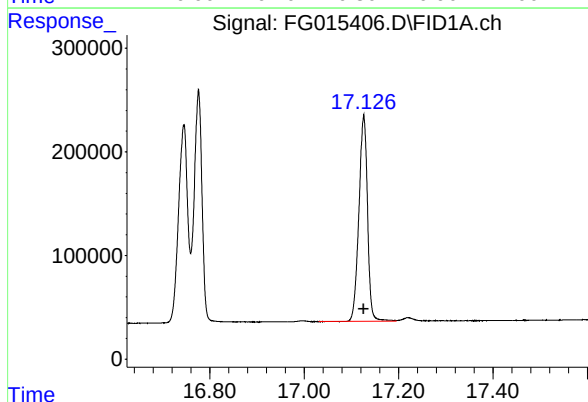
R.T.: 16.745 min
Delta R.T.: 0.000 min
Response: 2564854
Conc: 20.00 ug/ml



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

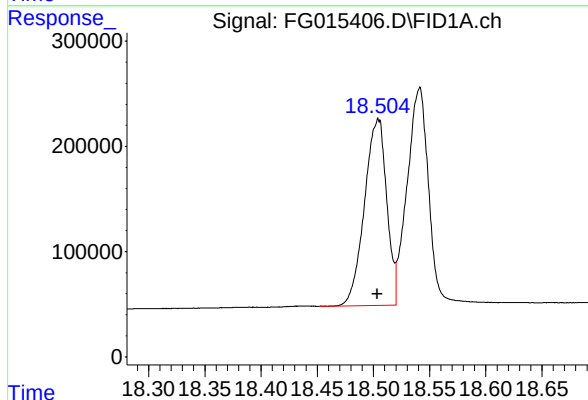
R.T.: 16.776 min
Delta R.T.: 0.000 min
Response: 2584507
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM AROMATIC HC STD3



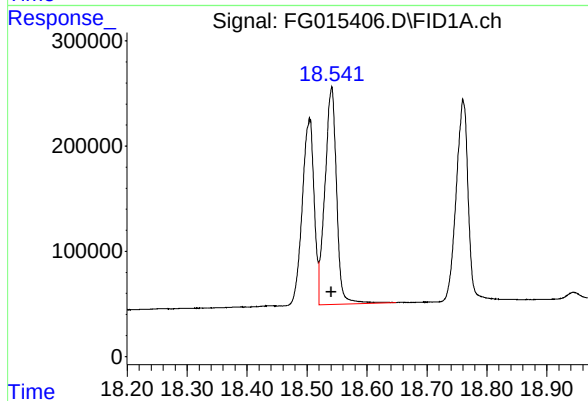
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.126 min
Delta R.T.: 0.000 min
Response: 2517733
Conc: 20.00 ug/ml



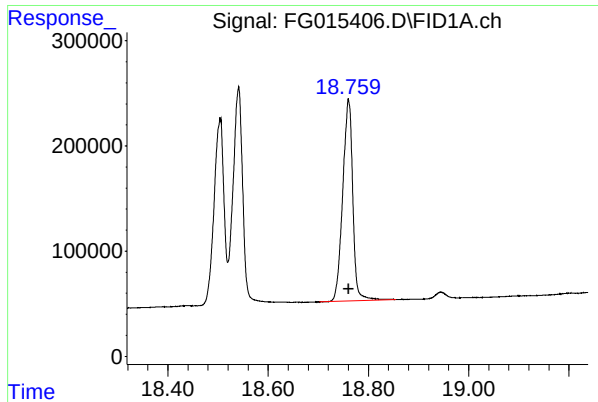
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.504 min
Delta R.T.: 0.000 min
Response: 2432566
Conc: 20.00 ug/ml



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

R.T.: 18.541 min
Delta R.T.: 0.000 min
Response: 2777959
Conc: 20.00 ug/ml



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

R.T.: 18.760 min
Delta R.T.: 0.000 min
Response: 2663737
Conc: 20.00 ug/ml

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