

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG080724AR\
 Data File : FG014086.D
 Signal(s) : FID1A.ch
 Acq On : 07 Aug 2024 14:32
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Aug 08 04:43:27 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 080624.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 06 17:31:37 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...	7.892	2305540	20.551 ug/ml
Spiked Amount 50.000		Recovery =	41.10%
6) S 2-Fluorobiphenyl (SURR)	8.765	1511096	20.122 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.24%
11) S ortho-Terphenyl (SURR)	11.833	2648115	20.018 ug/ml
Spiked Amount 50.000		Recovery =	40.04%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.496	2568062	19.877 ug/ml
2) T Naphthalene (C11.7)	6.165	2685053	20.189 ug/ml
3) T 2-Methylnaphthalene (...)	7.262	2643134	19.978 ug/ml
5) T Acenaphthylene (C15.06)	8.563	2655793	20.068 ug/ml
7) T Acenaphthene (C15.5)	8.863	2699157	19.956 ug/ml
8) T Fluorene (C16.55)	9.653	2584900	20.109 ug/ml
9) T Phenanthrene (C19.36)	11.060	2495898	20.024 ug/ml
10) T Anthracene (C19.43)	11.135	2482957	19.741 ug/ml
12) T Fluoranthene (C21.85)	12.882	2560563	20.066 ug/ml
13) T Pyrene (C20.8)	13.180	2573130	20.233 ug/ml
14) T Benzo[a]anthracene (C...	15.063	2314506	19.863 ug/ml
15) T Chrysene (C27.41)	15.105	2678861	19.642 ug/ml
16) T benzo[b]fluoranthene ...	16.624	2436406	19.708 ug/ml
17) T Bnezo[k]fluoranthene ...	16.655	2615368	19.564 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.005	2408429	19.097 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.378	1600043	15.628 ug/ml
20) T Dibenz[a,h]anthracene...	18.418	2400317	15.728 ug/ml
21) T Benzo[g,h,i]perylene ...	18.632	2235012	16.100 ug/ml

(f)=RT Delta > 1/2 Window

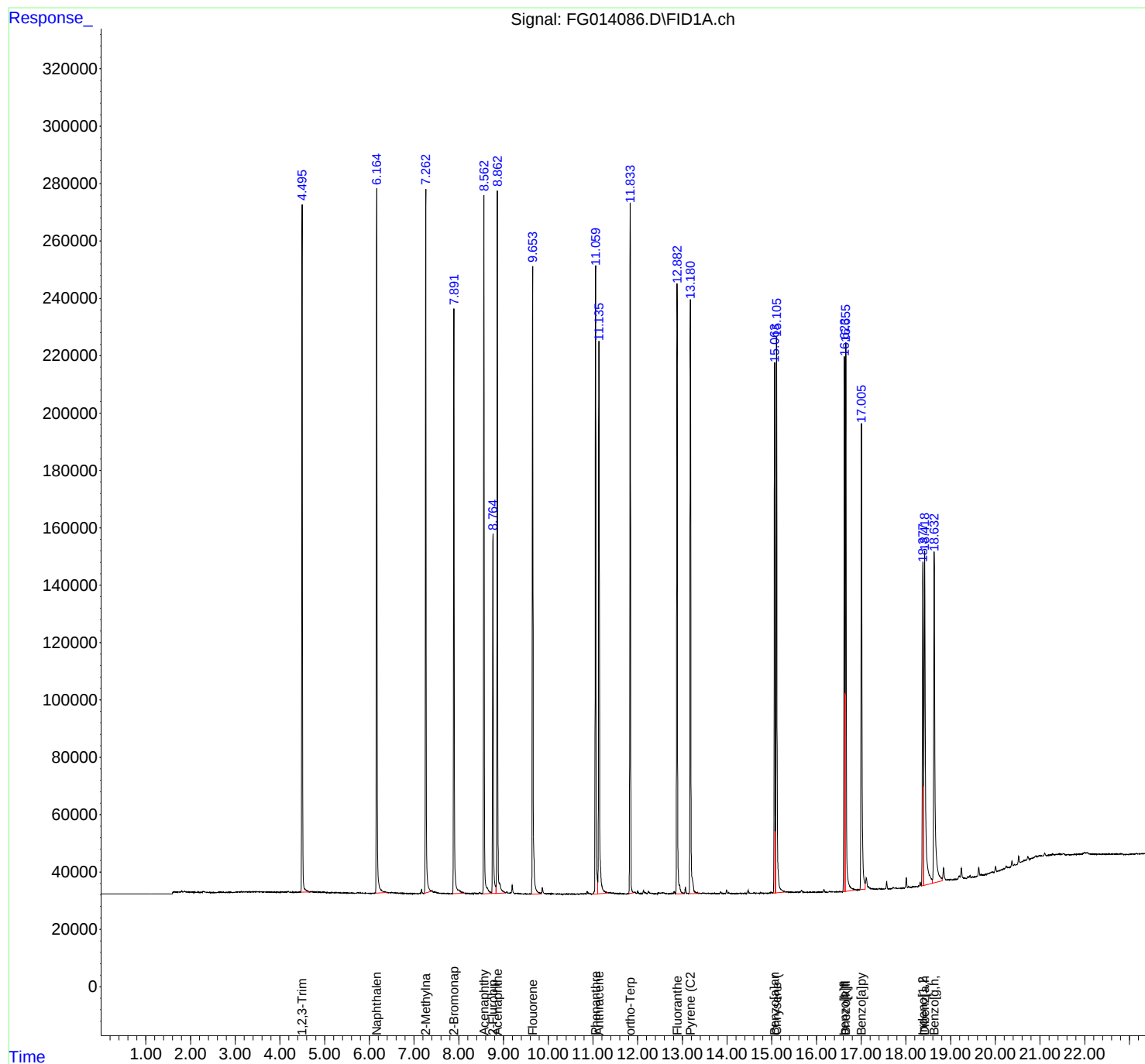
(m)=manual int.

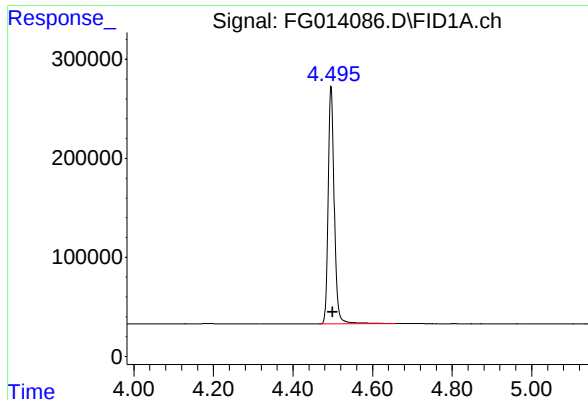
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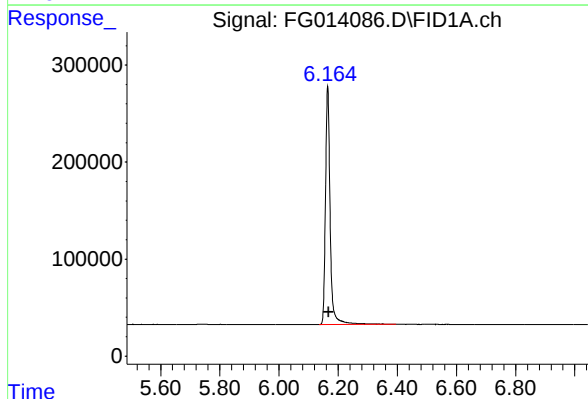




#1 1,2,3-Trimethylbenzene (C10.1)

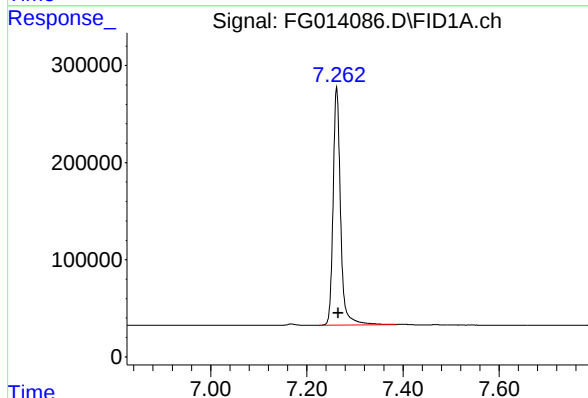
R.T.: 4.496 min
Delta R.T.: -0.003 min
Response: 2568062
Conc: 19.88 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM AROMATIC HC STD



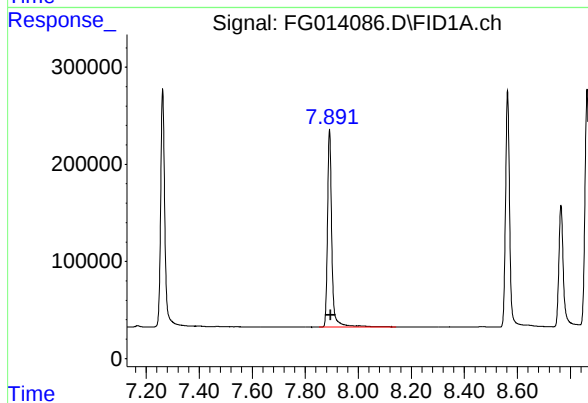
#2 Naphthalene (C11.7)

R.T.: 6.165 min
Delta R.T.: -0.003 min
Response: 2685053
Conc: 20.19 ug/ml



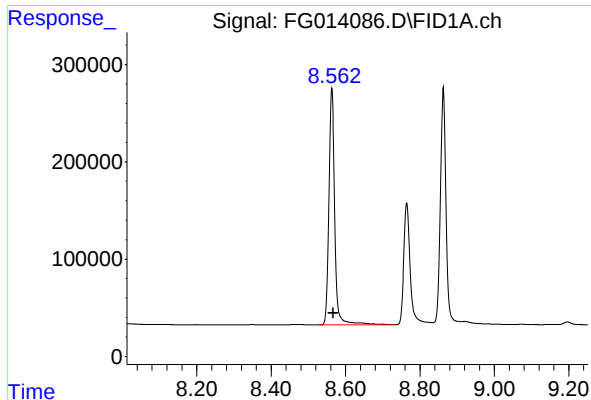
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.262 min
Delta R.T.: -0.003 min
Response: 2643134
Conc: 19.98 ug/ml



#4 2-Bromonaphthalene (SURR)

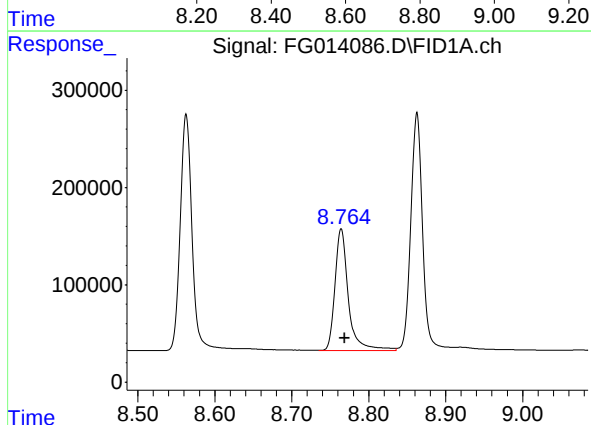
R.T.: 7.892 min
Delta R.T.: -0.004 min
Response: 2305540
Conc: 20.55 ug/ml



#5 Acenaphthylene (C15.06)

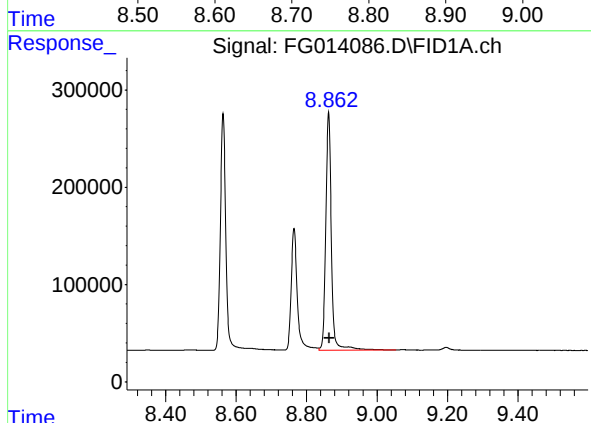
R.T.: 8.563 min
Delta R.T.: -0.004 min
Response: 2655793
Conc: 20.07 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM AROMATIC HC STD



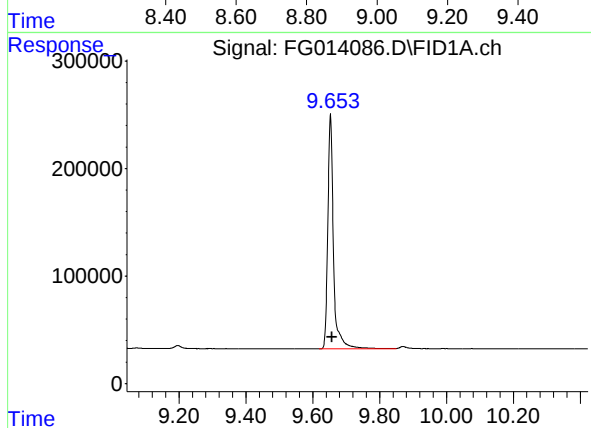
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.765 min
Delta R.T.: -0.004 min
Response: 1511096
Conc: 20.12 ug/ml



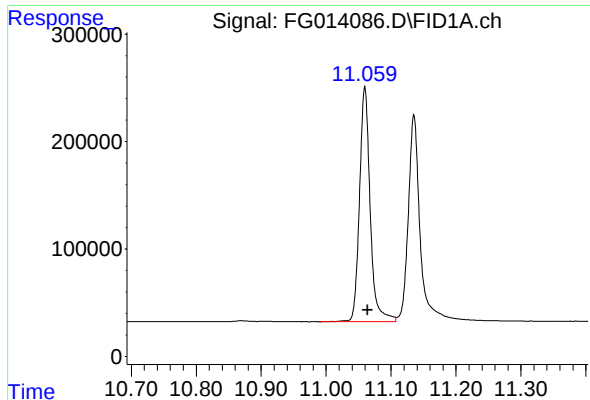
#7 Acenaphthene (C15.5)

R.T.: 8.863 min
Delta R.T.: -0.002 min
Response: 2699157
Conc: 19.96 ug/ml



#8 Fluorene (C16.55)

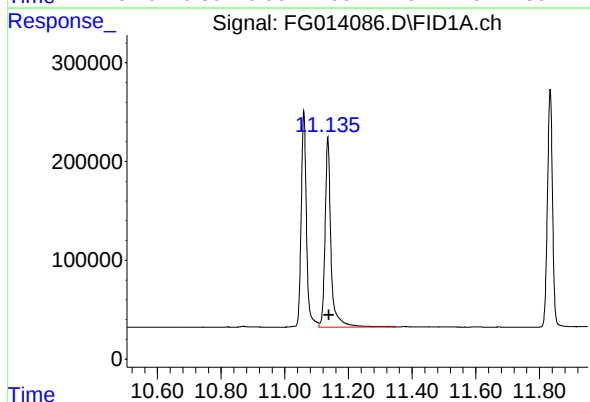
R.T.: 9.653 min
Delta R.T.: -0.004 min
Response: 2584900
Conc: 20.11 ug/ml



#9 Phenanthrene (C19.36)

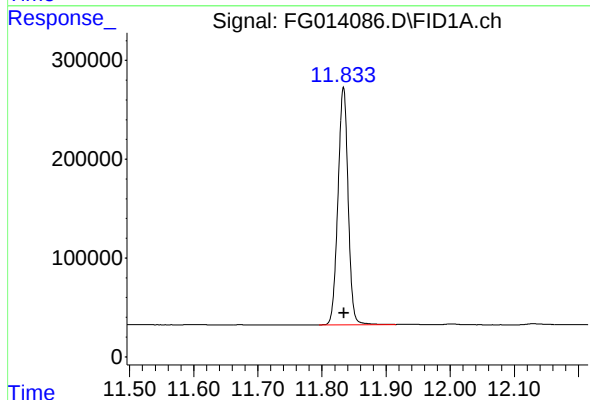
R.T.: 11.060 min
Delta R.T.: -0.004 min
Response: 2495898
Conc: 20.02 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



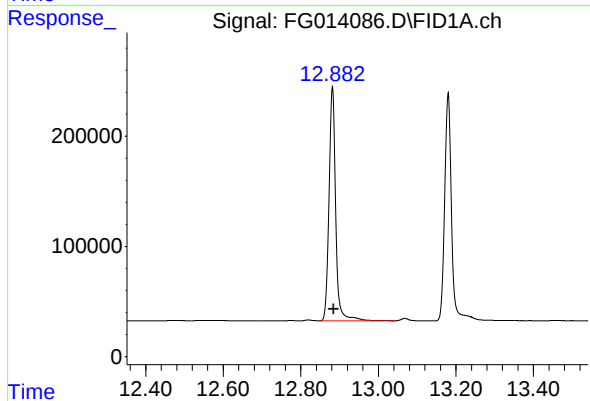
#10 Anthracene (C19.43)

R.T.: 11.135 min
Delta R.T.: -0.004 min
Response: 2482957
Conc: 19.74 ug/ml



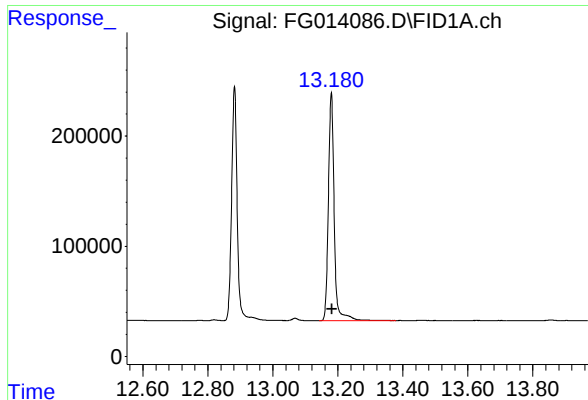
#11 ortho-Terphenyl (SURR)

R.T.: 11.833 min
Delta R.T.: 0.000 min
Response: 2648115
Conc: 20.02 ug/ml



#12 Fluoranthene (C21.85)

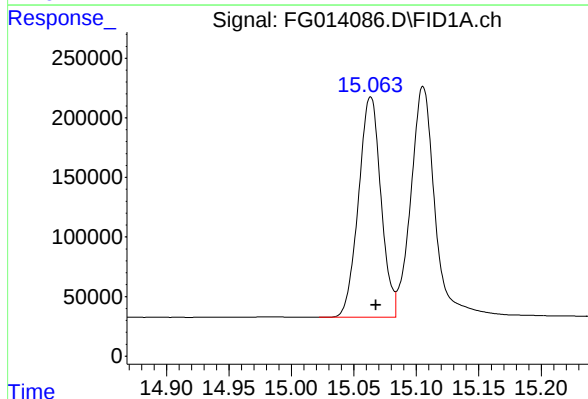
R.T.: 12.882 min
Delta R.T.: -0.004 min
Response: 2560563
Conc: 20.07 ug/ml



#13 Pyrene (C20.8)

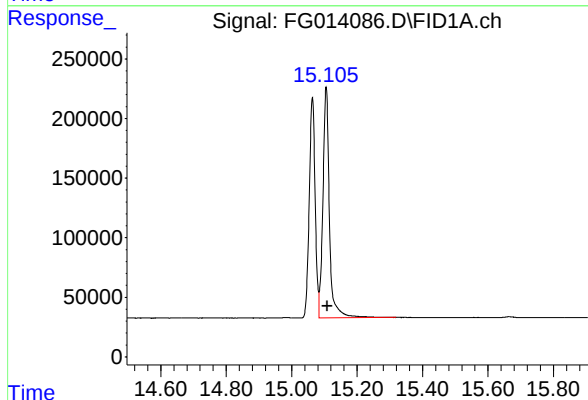
R.T.: 13.180 min
Delta R.T.: -0.002 min
Response: 2573130
Conc: 20.23 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM AROMATIC HC STD



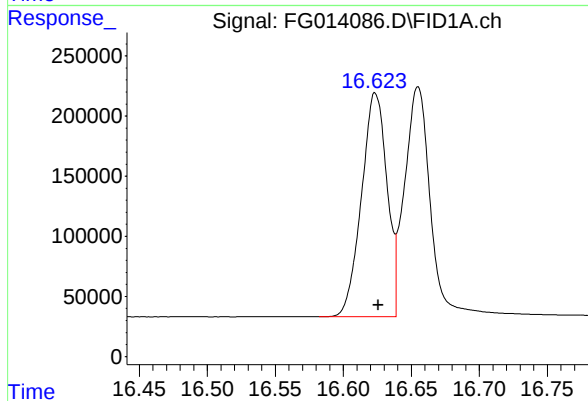
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.063 min
Delta R.T.: -0.004 min
Response: 2314506
Conc: 19.86 ug/ml



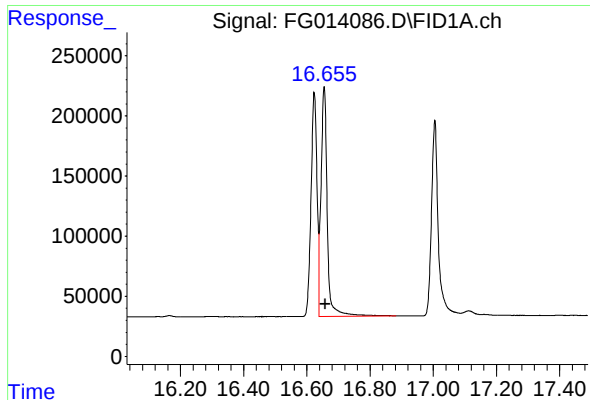
#15 Chrysene (C27.41)

R.T.: 15.105 min
Delta R.T.: -0.003 min
Response: 2678861
Conc: 19.64 ug/ml



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

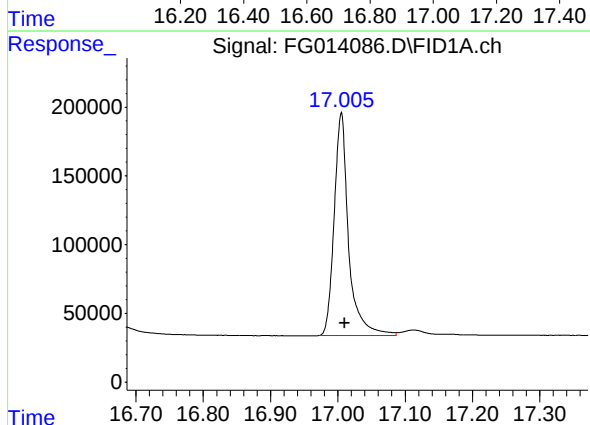
R.T.: 16.624 min
Delta R.T.: -0.002 min
Response: 2436406
Conc: 19.71 ug/ml



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

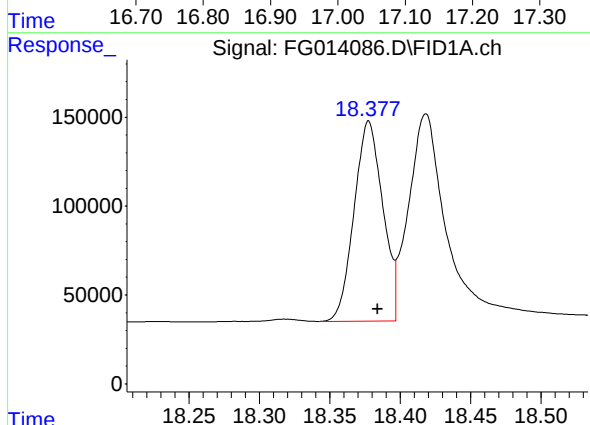
R.T.: 16.655 min
Delta R.T.: -0.003 min
Response: 2615368
Conc: 19.56 ug/ml

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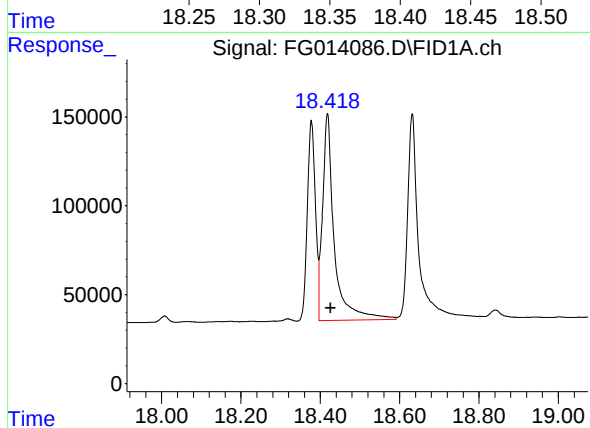
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.005 min
Delta R.T.: -0.005 min
Response: 2408429
Conc: 19.10 ug/ml



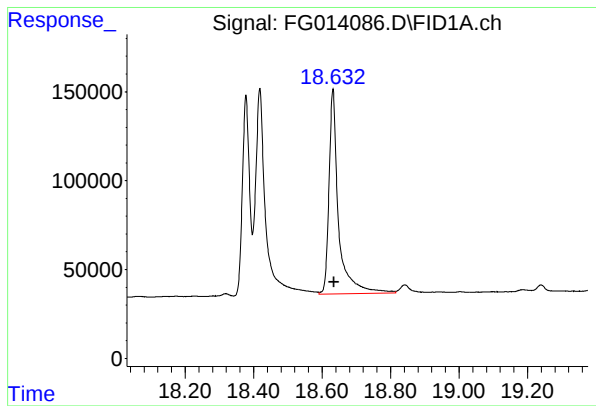
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.378 min
Delta R.T.: -0.006 min
Response: 1600043
Conc: 15.63 ug/ml



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

R.T.: 18.418 min
Delta R.T.: -0.008 min
Response: 2400317
Conc: 15.73 ug/ml



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

R.T.: 18.632 min
Delta R.T.: -0.004 min
Response: 2235012
Conc: 16.10 ug/ml

Instrument :

FID_G

ClientSampleId :

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