

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111424AR\
 Data File : FG014773.D
 Signal(s) : FID1A.ch
 Acq On : 14 Nov 2024 10:30
 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: Nov 14 10:56:06 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 111424.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 14 10:55:47 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...	8.000	2411250	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	8.874	1617502	20.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.00%
11) S ortho-Terphenyl (SURR)	11.945	2645677	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.606	2643693	20.000 ug/ml
2) T Naphthalene (C11.7)	6.275	2734022	20.000 ug/ml
3) T 2-Methylnaphthalene (...)	7.372	2656430	20.000 ug/ml
5) T Acenaphthylene (C15.06)	8.675	2712491	20.000 ug/ml
7) T Acenaphthene (C15.5)	8.975	2640545	20.000 ug/ml
8) T Fluorene (C16.55)	9.765	2639016	20.000 ug/ml
9) T Phenanthrene (C19.36)	11.173	2562795	20.000 ug/ml
10) T Anthracene (C19.43)	11.247	2531903	20.000 ug/ml
12) T Fluoranthene (C21.85)	12.995	2524704	20.000 ug/ml
13) T Pyrene (C20.8)	13.294	2502491	20.000 ug/ml
14) T Benzo[a]anthracene (C...	15.174	2393748	20.000 ug/ml
15) T Chrysene (C27.41)	15.217	2389195	20.000 ug/ml
16) T benzo[b]fluoranthene ...	16.730	2414863	20.000 ug/ml
17) T Bnezo[k]fluoranthene ...	16.763	2416507	20.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.109	2325218	20.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.480	2299219	20.000 ug/ml
20) T Dibenz[a,h]anthracene...	18.521	2476960	20.000 ug/ml
21) T Benzo[g,h,i]perylene ...	18.737	2491760	20.000 ug/ml

(f)=RT Delta > 1/2 Window

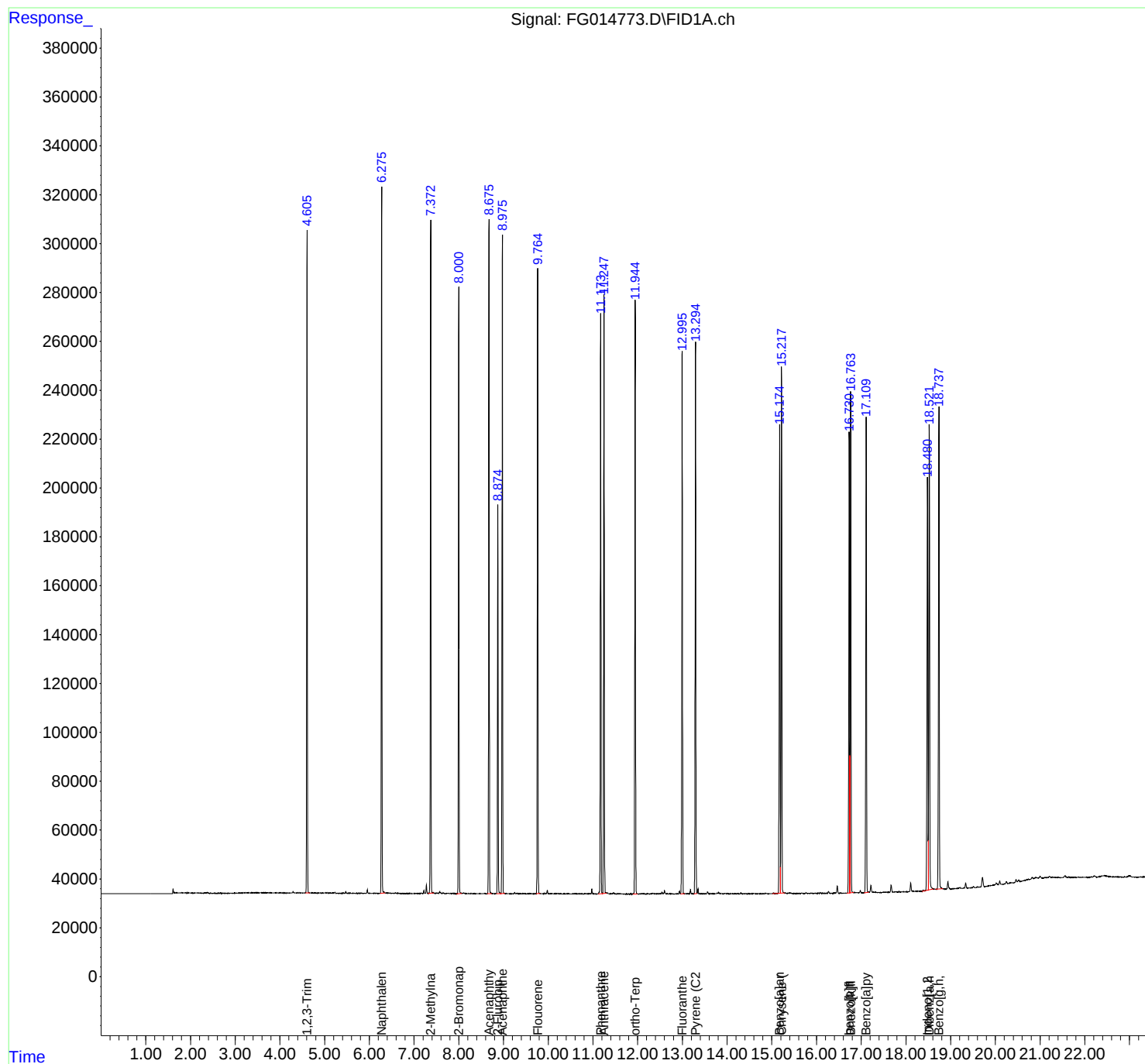
(m)=manual int.

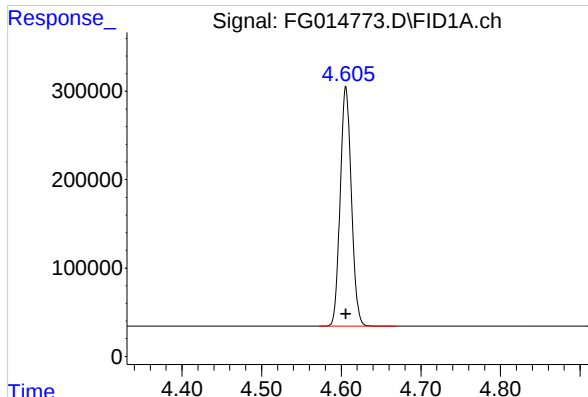
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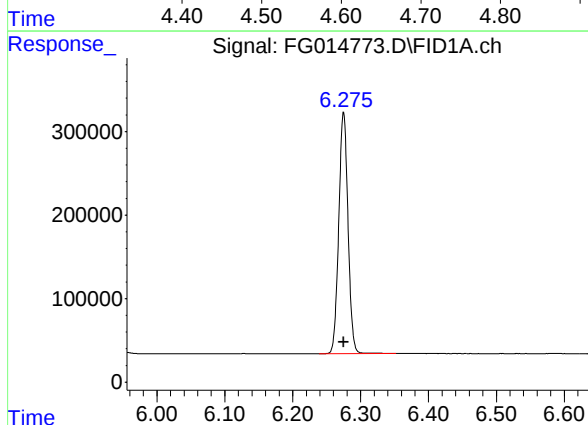




#1 1,2,3-Trimethylbenzene (C10.1)

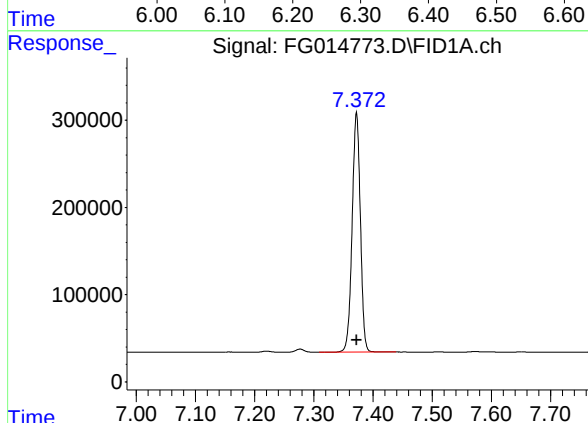
R.T.: 4.606 min
Delta R.T.: 0.000 min
Response: 2643693
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM AROMATIC HC STD3



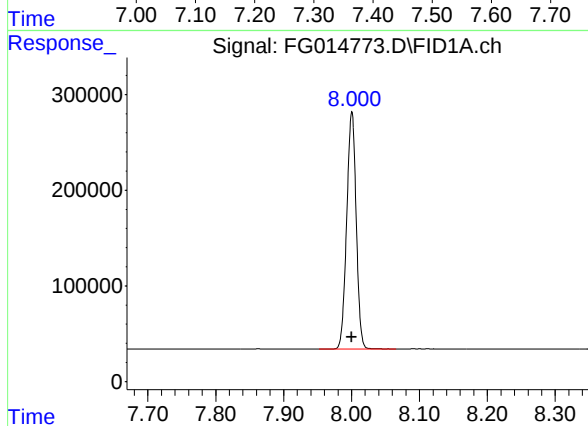
#2 Naphthalene (C11.7)

R.T.: 6.275 min
Delta R.T.: 0.000 min
Response: 2734022
Conc: 20.00 ug/ml



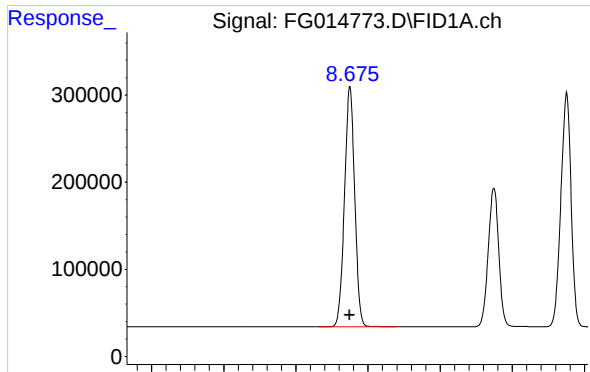
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.372 min
Delta R.T.: 0.000 min
Response: 2656430
Conc: 20.00 ug/ml



#4 2-Bromonaphthalene (SURR)

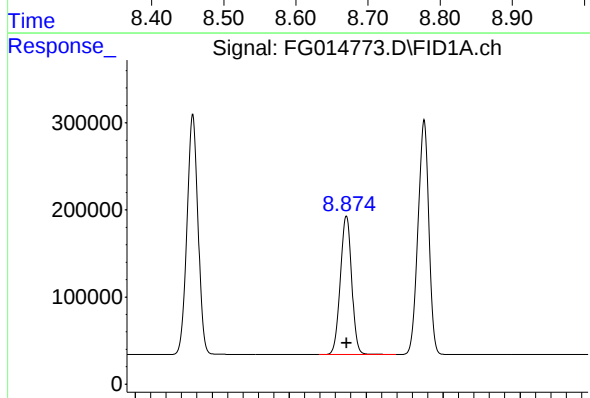
R.T.: 8.000 min
Delta R.T.: 0.000 min
Response: 2411250
Conc: 20.00 ug/ml



#5 Acenaphthylene (C15.06)

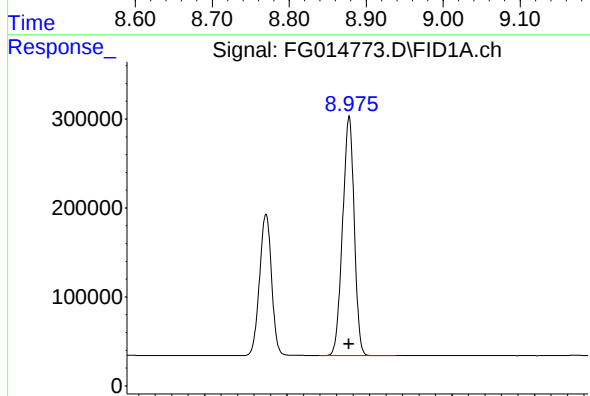
R.T.: 8.675 min
Delta R.T.: 0.000 min
Response: 2712491
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM AROMATIC HC STD3



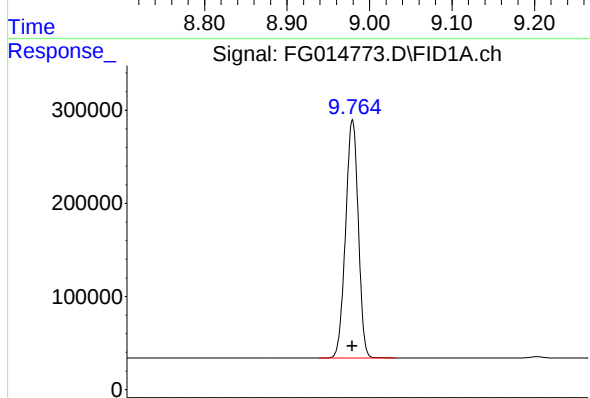
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.874 min
Delta R.T.: 0.000 min
Response: 1617502
Conc: 20.00 ug/ml



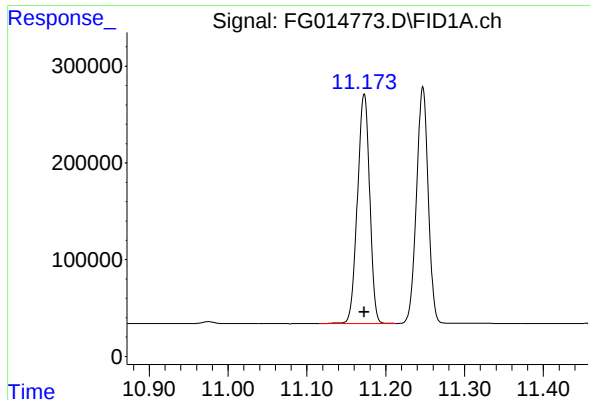
#7 Acenaphthene (C15.5)

R.T.: 8.975 min
Delta R.T.: 0.000 min
Response: 2640545
Conc: 20.00 ug/ml



#8 Flouorene (C16.55)

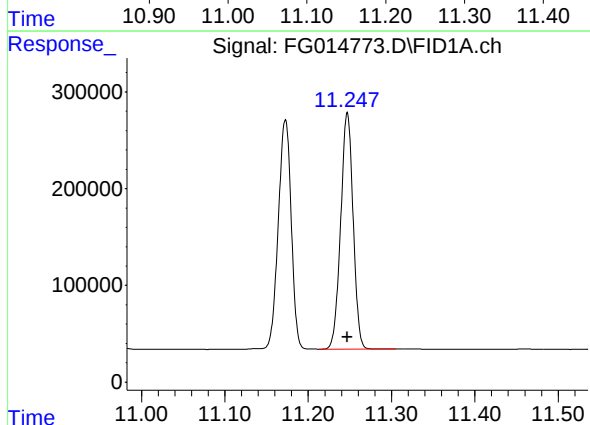
R.T.: 9.765 min
Delta R.T.: 0.000 min
Response: 2639016
Conc: 20.00 ug/ml



#9 Phenanthrene (C19.36)

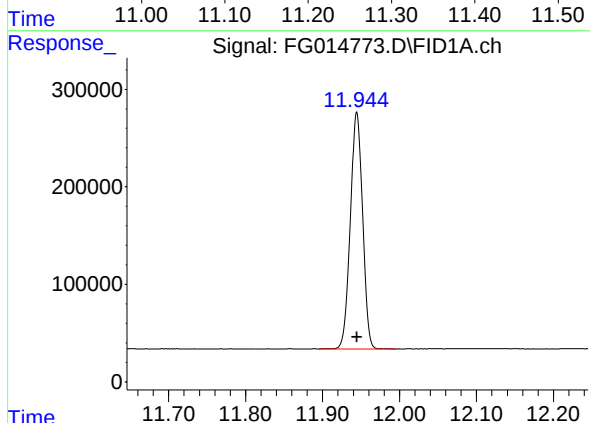
R.T.: 11.173 min
Delta R.T.: 0.000 min
Response: 2562795
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM AROMATIC HC STD3



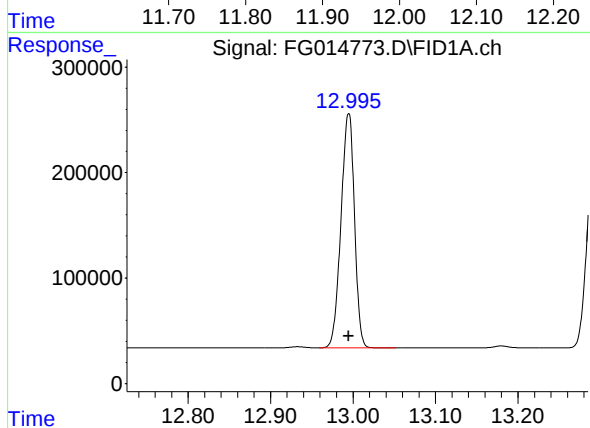
#10 Anthracene (C19.43)

R.T.: 11.247 min
Delta R.T.: 0.000 min
Response: 2531903
Conc: 20.00 ug/ml



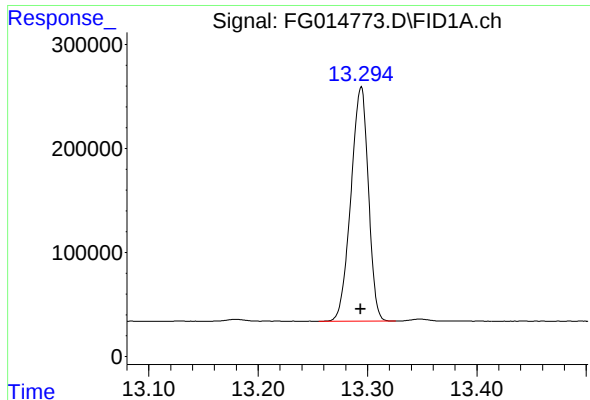
#11 ortho-Terphenyl (SURR)

R.T.: 11.945 min
Delta R.T.: 0.000 min
Response: 2645677
Conc: 20.00 ug/ml



#12 Fluoranthene (C21.85)

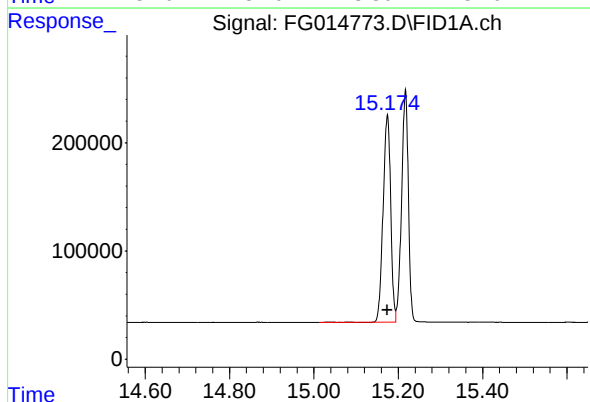
R.T.: 12.995 min
Delta R.T.: 0.000 min
Response: 2524704
Conc: 20.00 ug/ml



#13 Pyrene (C20.8)

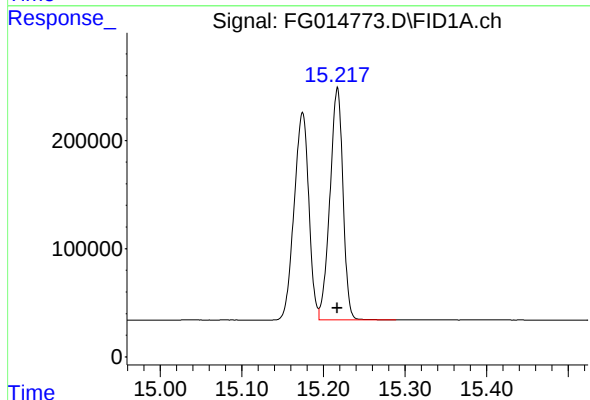
R.T.: 13.294 min
Delta R.T.: 0.000 min
Response: 2502491
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM AROMATIC HC STD3



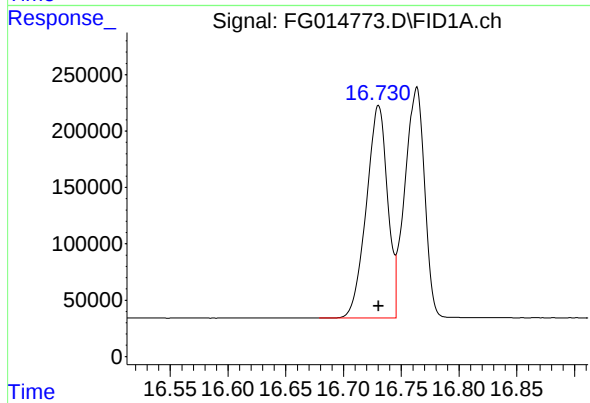
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.174 min
Delta R.T.: 0.000 min
Response: 2393748
Conc: 20.00 ug/ml



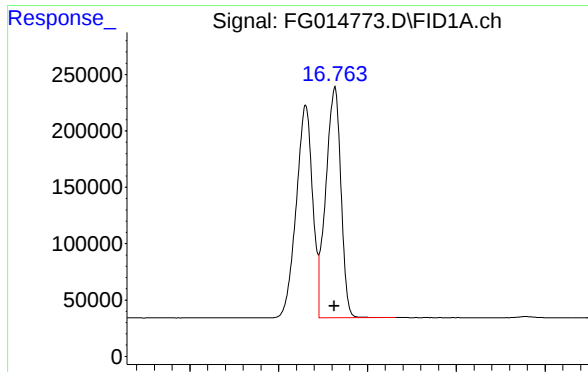
#15 Chrysene (C27.41)

R.T.: 15.217 min
Delta R.T.: 0.000 min
Response: 2389195
Conc: 20.00 ug/ml



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

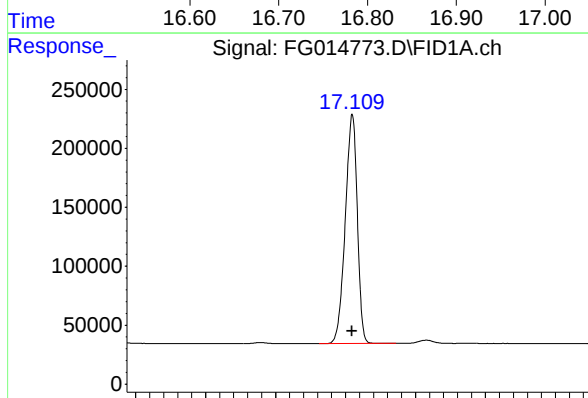
R.T.: 16.730 min
Delta R.T.: 0.000 min
Response: 2414863
Conc: 20.00 ug/ml



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

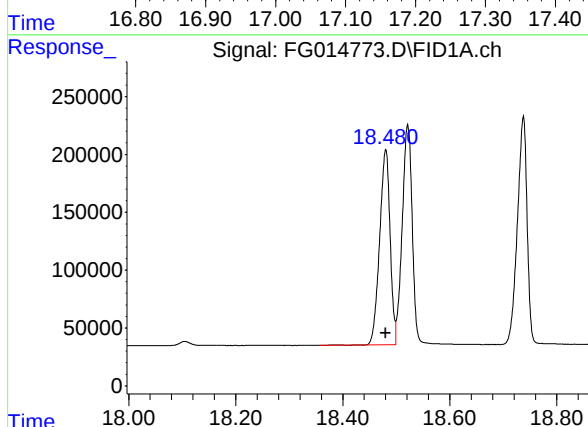
R.T.: 16.763 min
Delta R.T.: 0.000 min
Response: 2416507
Conc: 20.00 ug/ml

Instrument :
FID_G
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20 PPM AROMATIC HC STD3



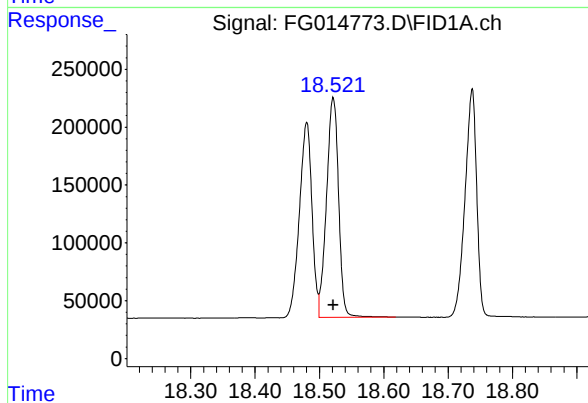
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.109 min
Delta R.T.: 0.000 min
Response: 2325218
Conc: 20.00 ug/ml



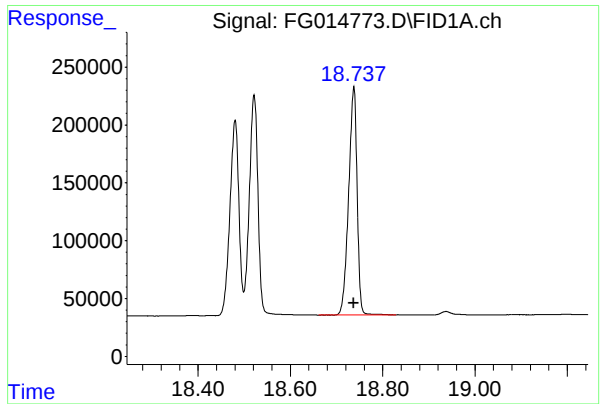
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.480 min
Delta R.T.: 0.000 min
Response: 2299219
Conc: 20.00 ug/ml



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

R.T.: 18.521 min
Delta R.T.: 0.000 min
Response: 2476960
Conc: 20.00 ug/ml



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

R.T.: 18.737 min

Delta R.T.: 0.000 min

Response: 2491760

Conc: 20.00 ug/ml

Instrument :

FID_G

ClientSampleId :

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