

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG080624AR\
 Data File : FG014071.D
 Signal(s) : FID1A.ch
 Acq On : 06 Aug 2024 17:45
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM AROMATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Aug 06 18:42:23 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...	7.894	2260593	20.150 ug/ml
Spiked Amount 50.000		Recovery =	40.30%
6) S 2-Fluorobiphenyl (SURR)	8.767	1483481	19.754 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.51%
11) S ortho-Terphenyl (SURR)	11.836	2581041	19.511 ug/ml
Spiked Amount 50.000		Recovery =	39.02%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.498	2537682	19.642 ug/ml
2) T Naphthalene (C11.7)	6.167	2635697	19.818 ug/ml
3) T 2-Methylnaphthalene (...)	7.265	2601091	19.661 ug/ml
5) T Acenaphthylene (C15.06)	8.566	2603730	19.675 ug/ml
7) T Acenaphthene (C15.5)	8.865	2556748	18.903 ug/ml
8) T Fluorene (C16.55)	9.656	2543250	19.785 ug/ml
9) T Phenanthrene (C19.36)	11.063	2456421	19.708 ug/ml
10) T Anthracene (C19.43)	11.138	2439279	19.394 ug/ml
12) T Fluoranthene (C21.85)	12.886	2503673	19.620 ug/ml
13) T Pyrene (C20.8)	13.183	2504289	19.692 ug/ml
14) T Benzo[a]anthracene (C...	15.067	2284488	19.605 ug/ml
15) T Chrysene (C27.41)	15.108	2623122	19.234 ug/ml
16) T benzo[b]fluoranthene ...	16.627	2405290	19.456 ug/ml
17) T Bnezo[k]fluoranthene ...	16.659	2560190	19.152 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.008	2430084	19.268 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.381	1737984	16.976 ug/ml
20) T Dibenz[a,h]anthracene...	18.422	2610799	17.107 ug/ml
21) T Benzo[g,h,i]perylene ...	18.636	2411403	17.371 ug/ml

(f)=RT Delta > 1/2 Window

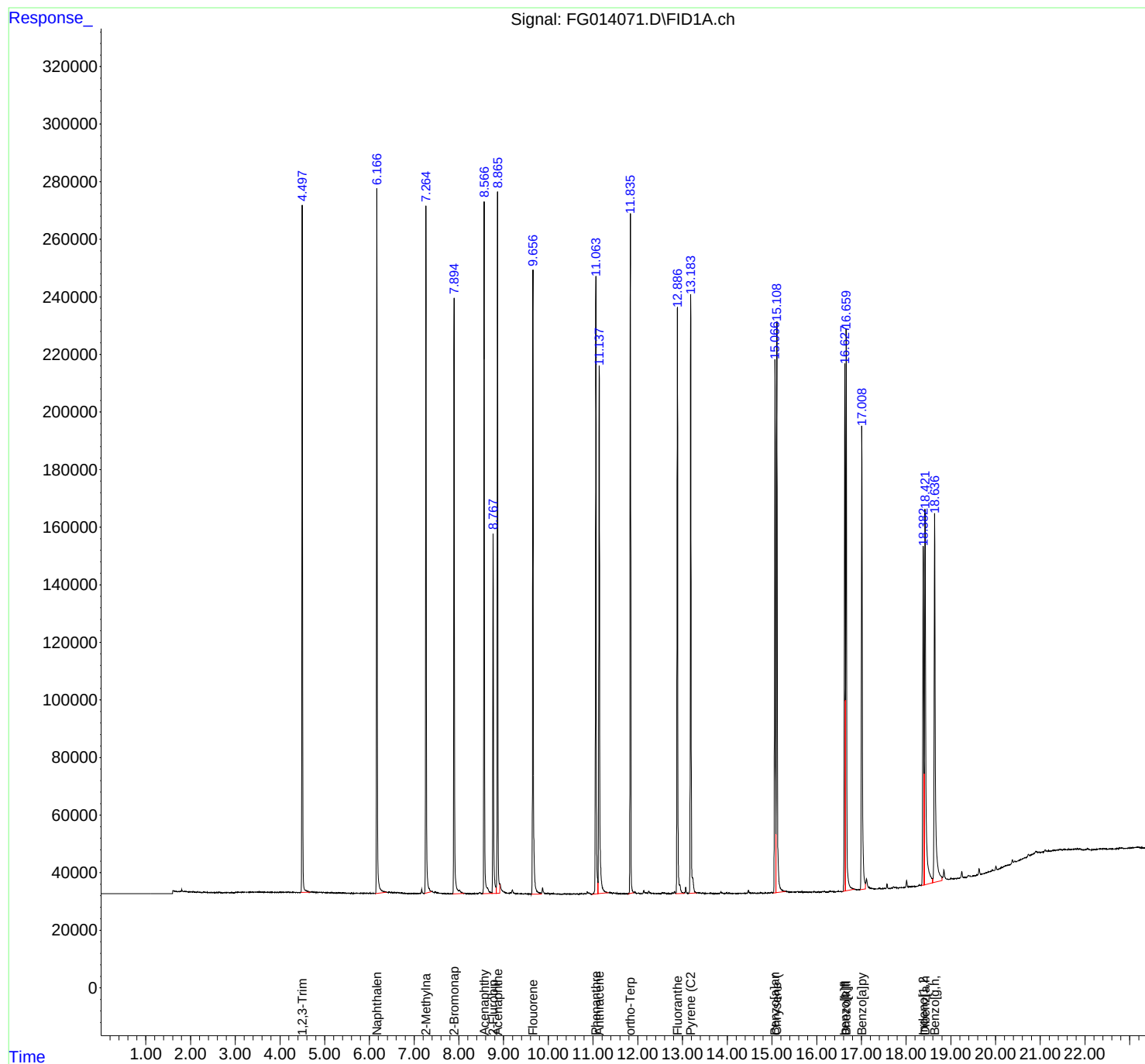
(m)=manual int.

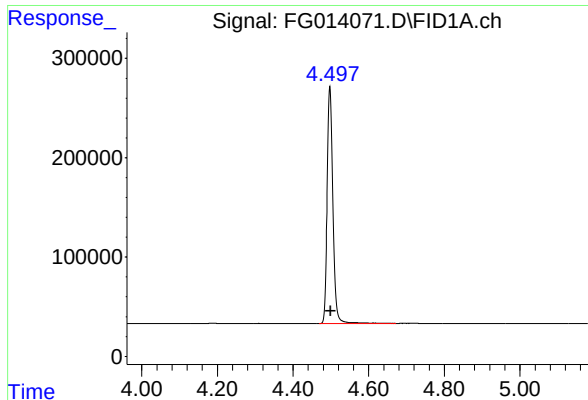
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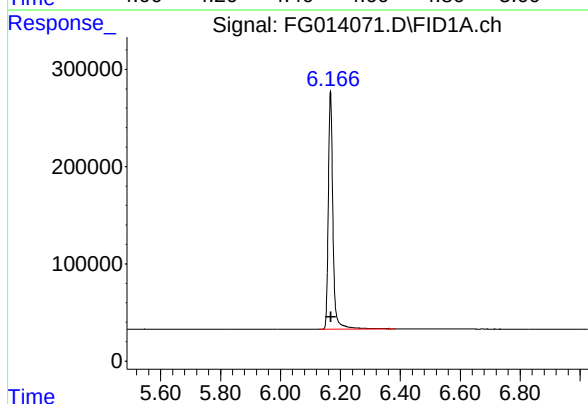




#1 1,2,3-Trimethylbenzene (C10.1)

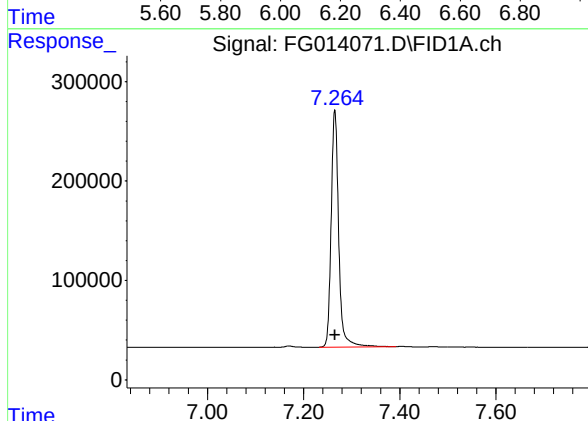
R.T.: 4.498 min
Delta R.T.: -0.001 min
Response: 2537682
Conc: 19.64 ug/ml

Instrument :
FID_G
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20 PPM AROMATIC HC STD ICV



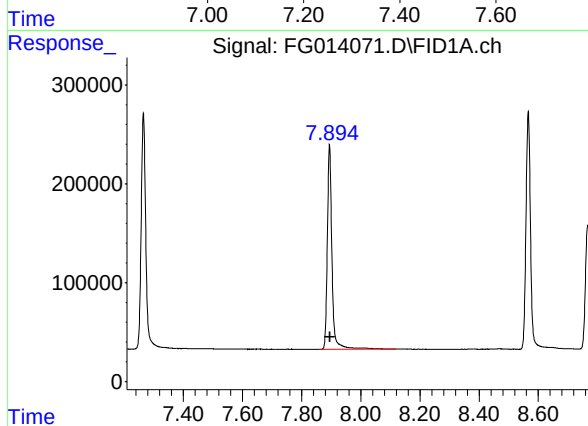
#2 Naphthalene (C11.7)

R.T.: 6.167 min
Delta R.T.: -0.001 min
Response: 2635697
Conc: 19.82 ug/ml



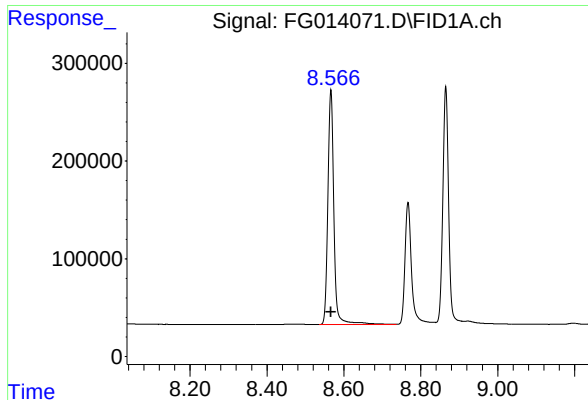
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.265 min
Delta R.T.: 0.000 min
Response: 2601091
Conc: 19.66 ug/ml



#4 2-Bromonaphthalene (SURR)

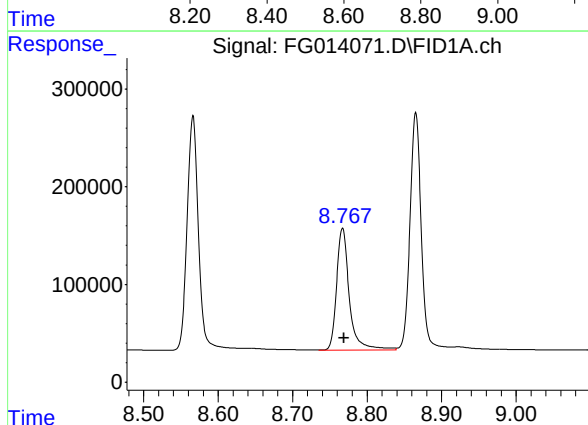
R.T.: 7.894 min
Delta R.T.: -0.001 min
Response: 2260593
Conc: 20.15 ug/ml



#5 Acenaphthylene (C15.06)

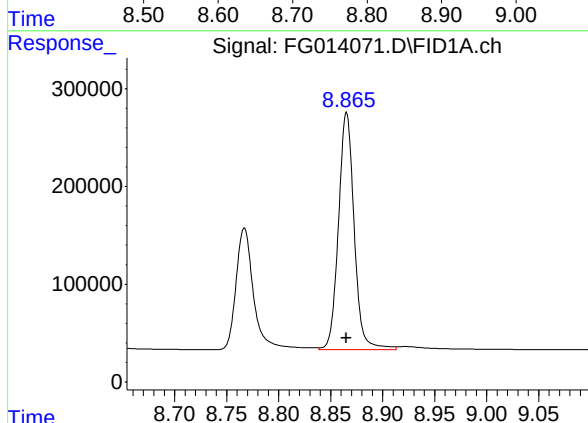
R.T.: 8.566 min
Delta R.T.: 0.000 min
Response: 2603730
Conc: 19.67 ug/ml

Instrument :
FID_G
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20 PPM AROMATIC HC STD ICV



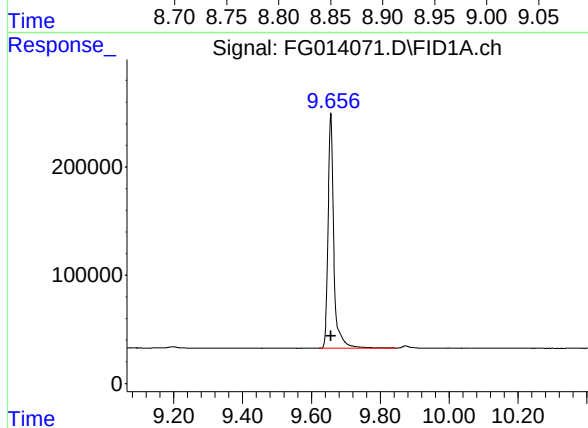
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.767 min
Delta R.T.: -0.002 min
Response: 1483481
Conc: 19.75 ug/ml



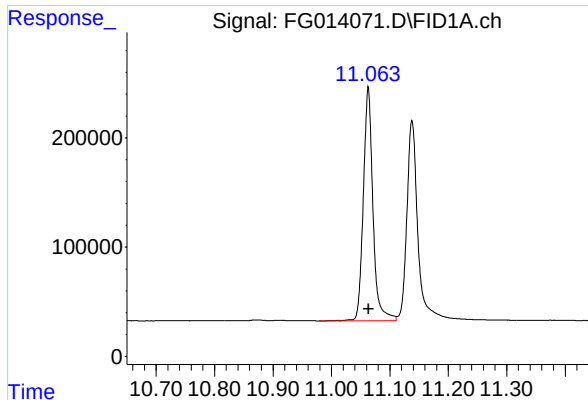
#7 Acenaphthene (C15.5)

R.T.: 8.865 min
Delta R.T.: 0.000 min
Response: 2556748
Conc: 18.90 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.656 min
Delta R.T.: 0.000 min
Response: 2543250
Conc: 19.78 ug/ml



#9 Phenanthrene (C19.36)

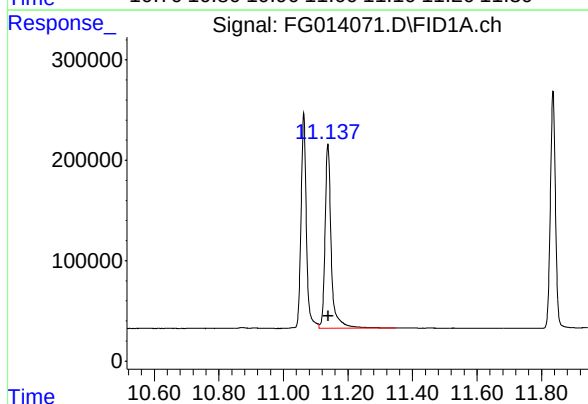
R.T.: 11.063 min
Delta R.T.: -0.001 min
Response: 2456421
Conc: 19.71 ug/ml

Instrument :

FID_G

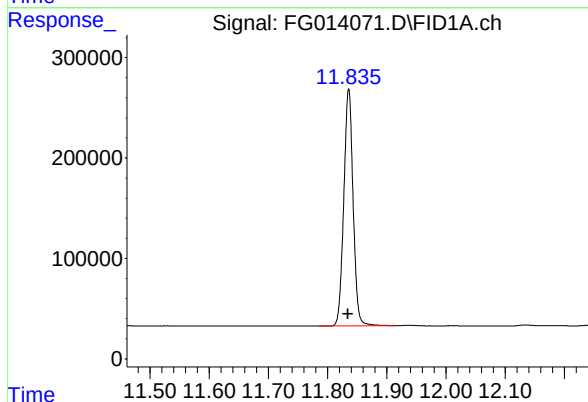
ClientSampleId :

20 PPM AROMATIC HC STD ICV



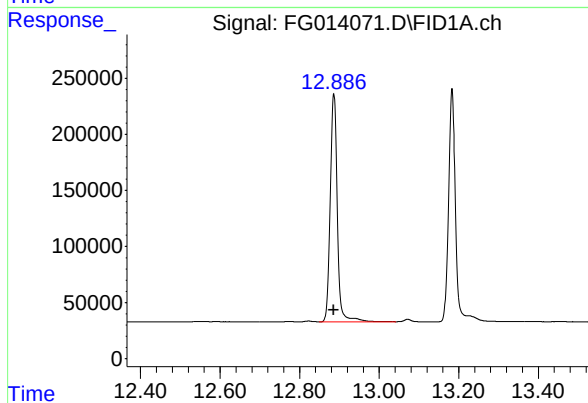
#10 Anthracene (C19.43)

R.T.: 11.138 min
Delta R.T.: -0.001 min
Response: 2439279
Conc: 19.39 ug/ml



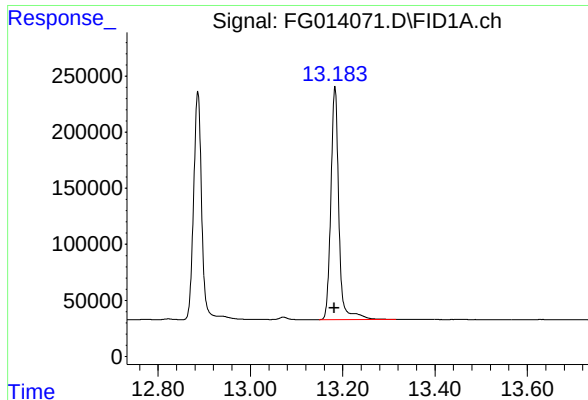
#11 ortho-Terphenyl (SURR)

R.T.: 11.836 min
Delta R.T.: 0.001 min
Response: 2581041
Conc: 19.51 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.886 min
Delta R.T.: 0.000 min
Response: 2503673
Conc: 19.62 ug/ml



#13 Pyrene (C20.8)

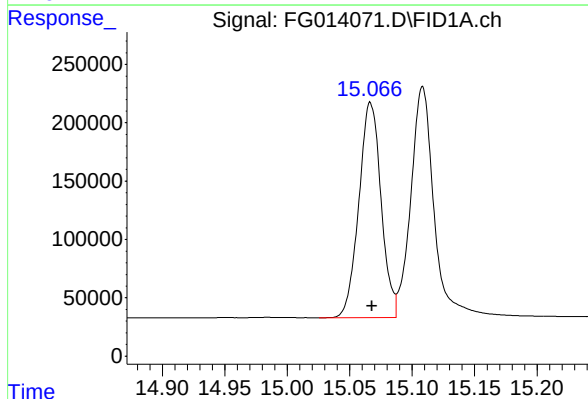
R.T.: 13.183 min
Delta R.T.: 0.001 min
Response: 2504289
Conc: 19.69 ug/ml

Instrument :

FID_G

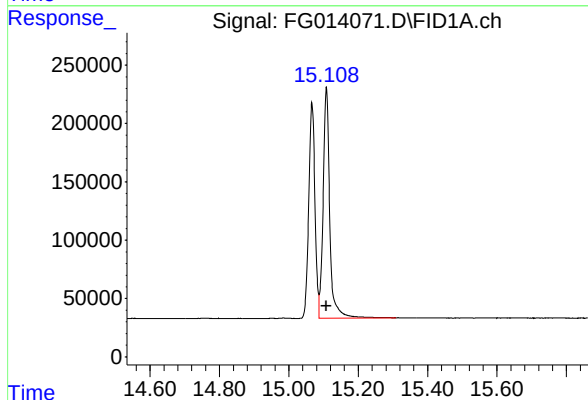
ClientSampleId :

20 PPM AROMATIC HC STD ICV



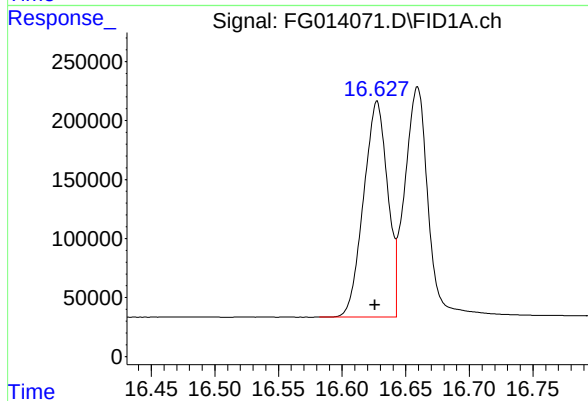
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.067 min
Delta R.T.: 0.000 min
Response: 2284488
Conc: 19.61 ug/ml



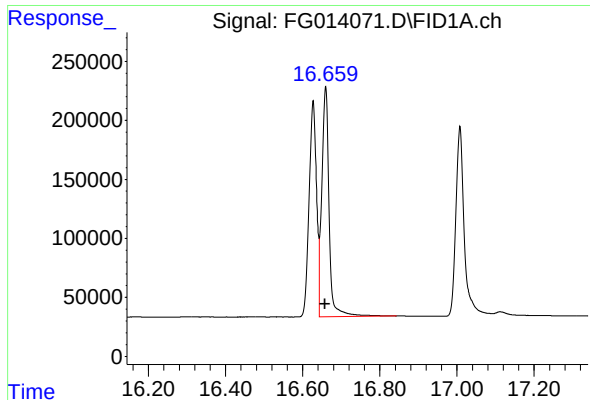
#15 Chrysene (C27.41)

R.T.: 15.108 min
Delta R.T.: 0.000 min
Response: 2623122
Conc: 19.23 ug/ml



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

R.T.: 16.627 min
Delta R.T.: 0.002 min
Response: 2405290
Conc: 19.46 ug/ml



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

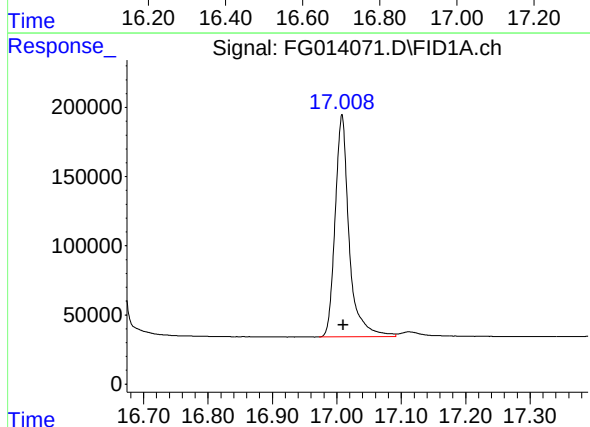
R.T.: 16.659 min
Delta R.T.: 0.001 min
Response: 2560190
Conc: 19.15 ug/ml

Instrument :

FID_G

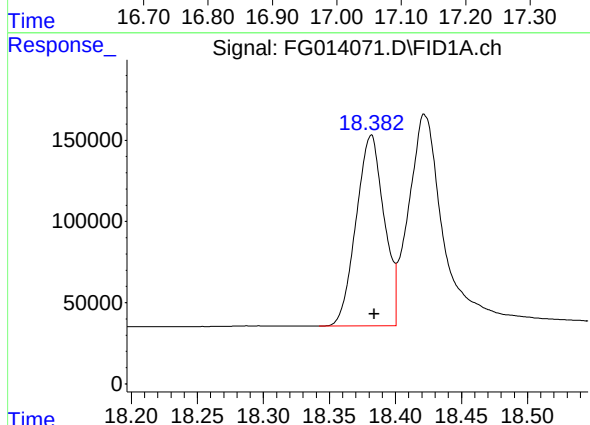
ClientSampleId :

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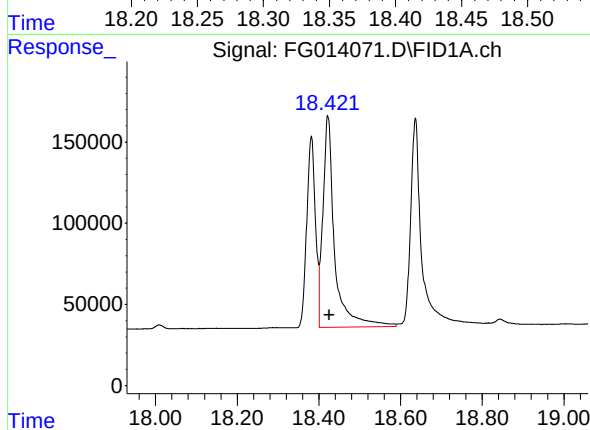
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.008 min
Delta R.T.: -0.002 min
Response: 2430084
Conc: 19.27 ug/ml



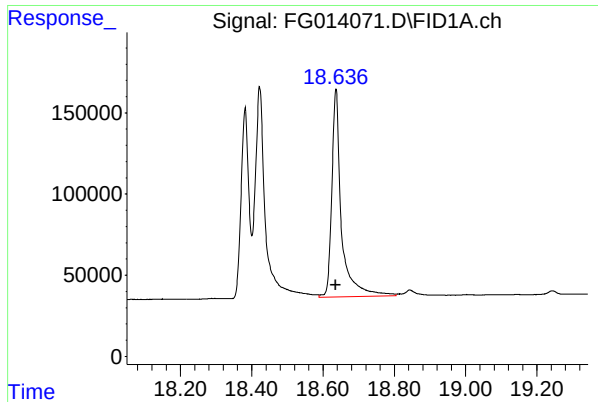
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.381 min
Delta R.T.: -0.003 min
Response: 1737984
Conc: 16.98 ug/ml



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

R.T.: 18.422 min
Delta R.T.: -0.004 min
Response: 2610799
Conc: 17.11 ug/ml



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

R.T.: 18.636 min
Delta R.T.: 0.000 min
Response: 2411403
Conc: 17.37 ug/ml

Instrument :

FID_G

ClientSampleId :

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