

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG022525AR\
 Data File : FG015409.D
 Signal(s) : FID1A.ch
 Acq On : 25 Feb 2025 16:22
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM AROMATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Feb 25 17:27:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 022525.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 25 16:10:05 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...	7.982	2295591	19.555 ug/ml
Spiked Amount 50.000		Recovery =	39.11%
6) S 2-Fluorobiphenyl (SURR)	8.861	1551926	19.899 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.80%
11) S ortho-Terphenyl (SURR)	11.935	2661731	19.769 ug/ml
Spiked Amount 50.000		Recovery =	39.54%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.573	2519880	19.294 ug/ml
2) T Naphthalene (C11.7)	6.253	2560744	19.433 ug/ml
3) T 2-Methylnaphthalene (...)	7.354	2509274	19.509 ug/ml
5) T Acenaphthylene (C15.06)	8.660	2611993	19.747 ug/ml
7) T Acenaphthene (C15.5)	8.961	2551807	19.704 ug/ml
8) T Fluorene (C16.55)	9.753	2578385	19.814 ug/ml
9) T Phenanthrene (C19.36)	11.165	2517706	19.834 ug/ml
10) T Anthracene (C19.43)	11.240	2438658	19.881 ug/ml
12) T Fluoranthene (C21.85)	12.993	2533728	20.008 ug/ml
13) T Pyrene (C20.8)	13.292	2504436	19.901 ug/ml
14) T Benzo[a]anthracene (C...	15.179	2434483	19.824 ug/ml
15) T Chrysene (C27.41)	15.221	2462967	19.687 ug/ml
16) T benzo[b]fluoranthene ...	16.744	2534060	19.642 ug/ml
17) T Bnezo[k]fluoranthene ...	16.775	2556420	19.769 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.124	2454053	19.638 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.501	2277198	18.573 ug/ml
20) T Dibenz[a,h]anthracene...	18.540	2586505	19.006 ug/ml
21) T Benzo[g,h,i]perylene ...	18.757	2454833	18.716 ug/ml

(f)=RT Delta > 1/2 Window

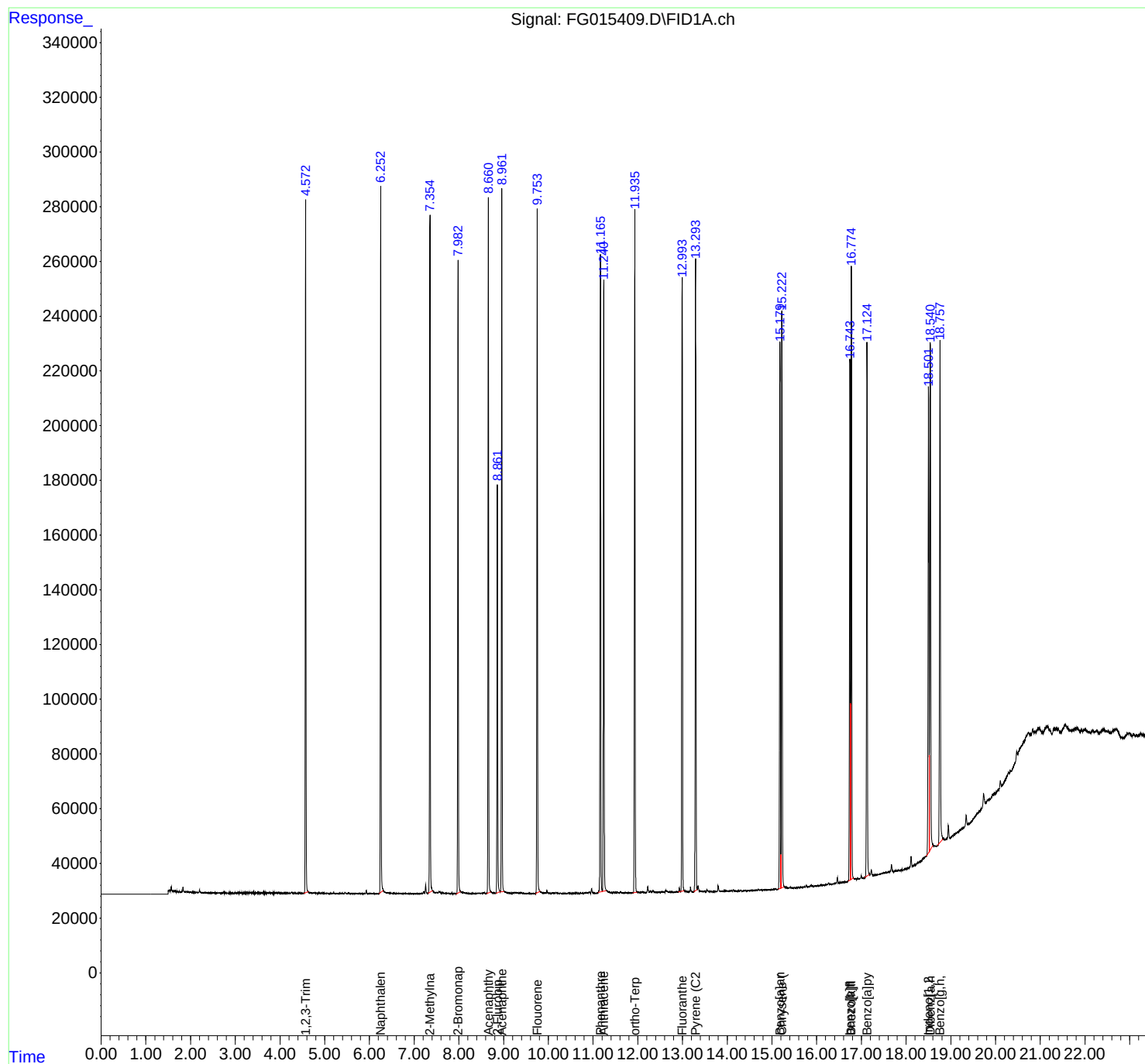
(m)=manual int.

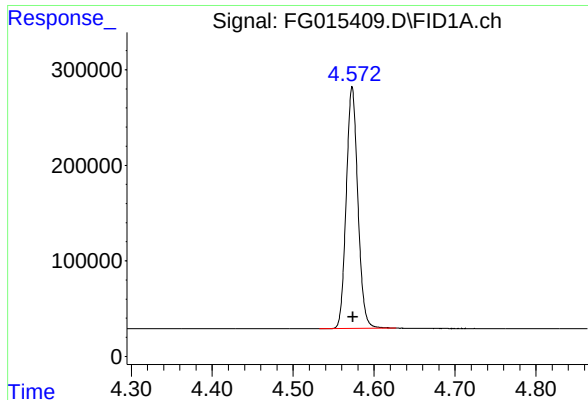
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#1 1,2,3-Trimethylbenzene (C10.1)

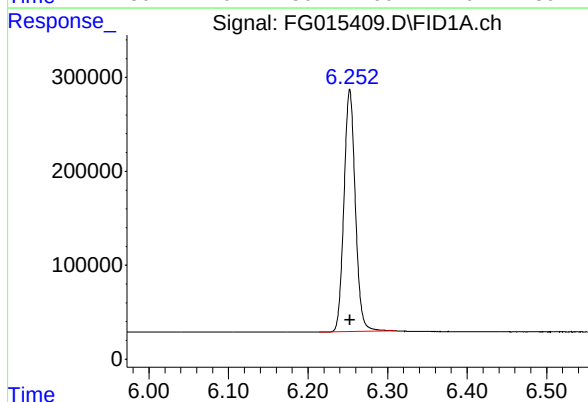
R.T.: 4.573 min
Delta R.T.: -0.001 min
Response: 2519880
Conc: 19.29 ug/ml

Instrument :

FID_G

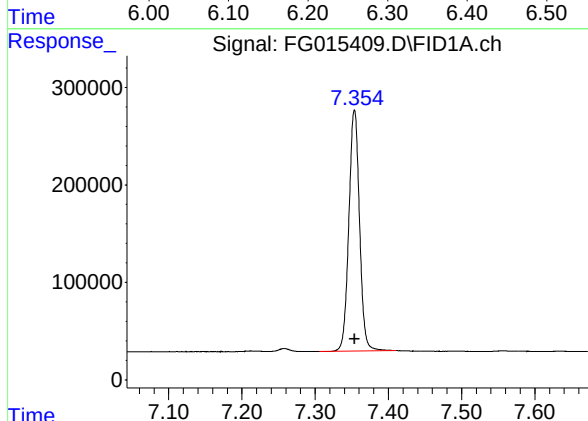
ClientSampleId :

20 PPM AROMATIC HC STD ICV



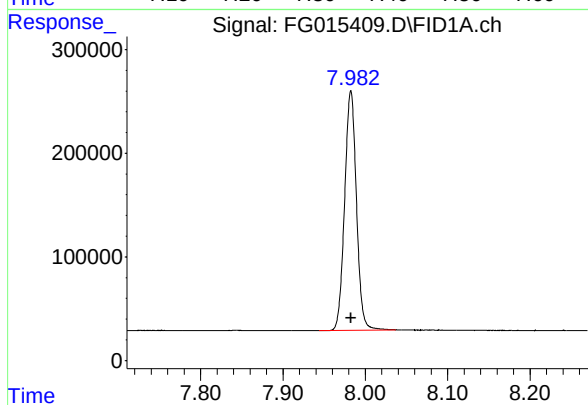
#2 Naphthalene (C11.7)

R.T.: 6.253 min
Delta R.T.: 0.000 min
Response: 2560744
Conc: 19.43 ug/ml



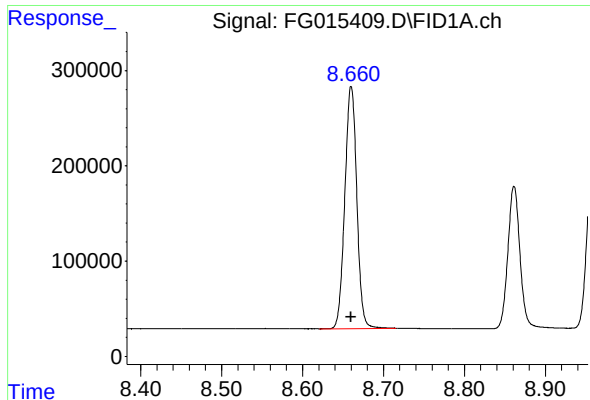
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.354 min
Delta R.T.: 0.000 min
Response: 2509274
Conc: 19.51 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.982 min
Delta R.T.: 0.000 min
Response: 2295591
Conc: 19.56 ug/ml



#5 Acenaphthylene (C15.06)

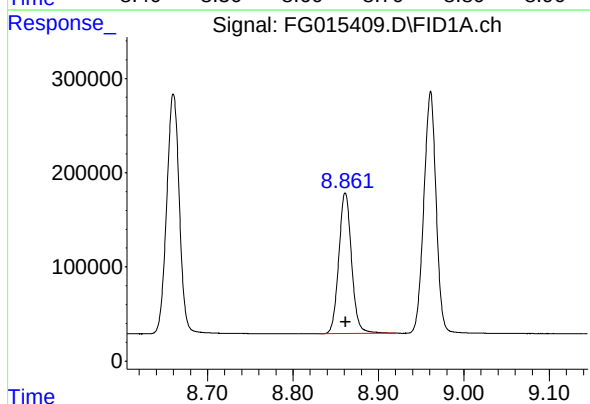
R.T.: 8.660 min
Delta R.T.: 0.000 min
Response: 2611993
Conc: 19.75 ug/ml

Instrument :

FID_G

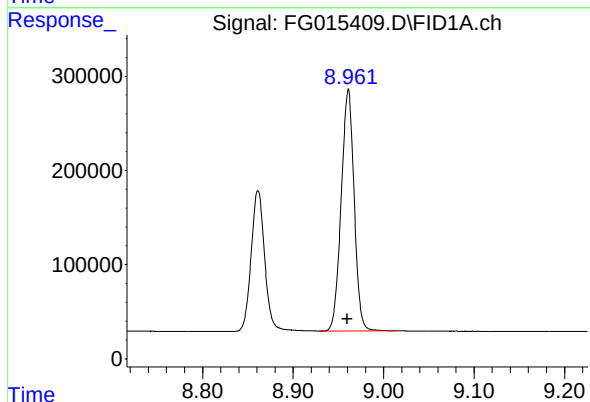
ClientSampleId :

20 PPM AROMATIC HC STD ICV



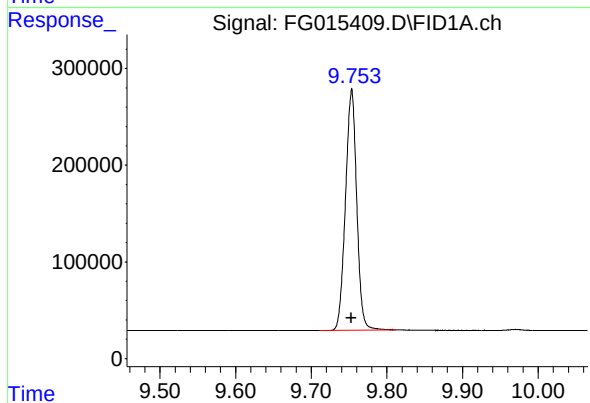
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.861 min
Delta R.T.: 0.000 min
Response: 1551926
Conc: 19.90 ug/ml



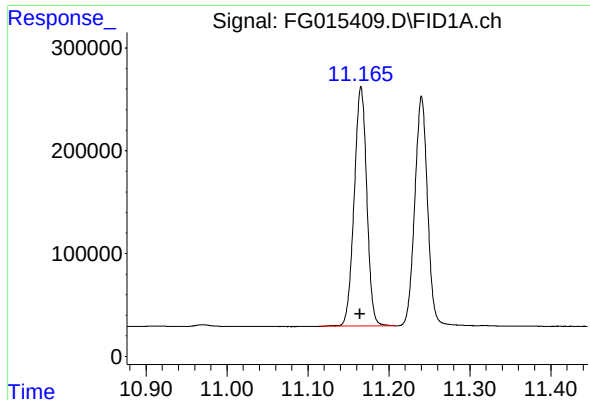
#7 Acenaphthene (C15.5)

R.T.: 8.961 min
Delta R.T.: 0.001 min
Response: 2551807
Conc: 19.70 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.753 min
Delta R.T.: 0.000 min
Response: 2578385
Conc: 19.81 ug/ml



#9 Phenanthrene (C19.36)

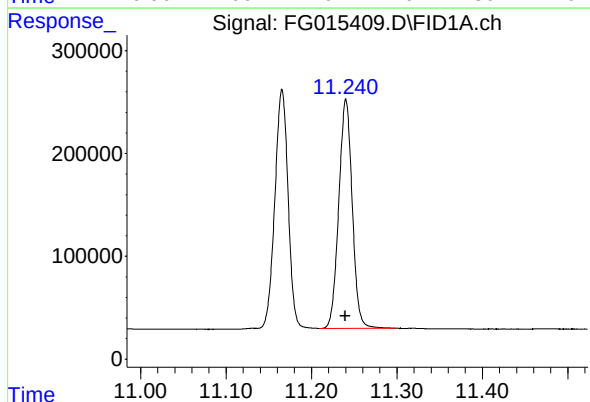
R.T.: 11.165 min
Delta R.T.: 0.001 min
Response: 2517706
Conc: 19.83 ug/ml

Instrument :

FID_G

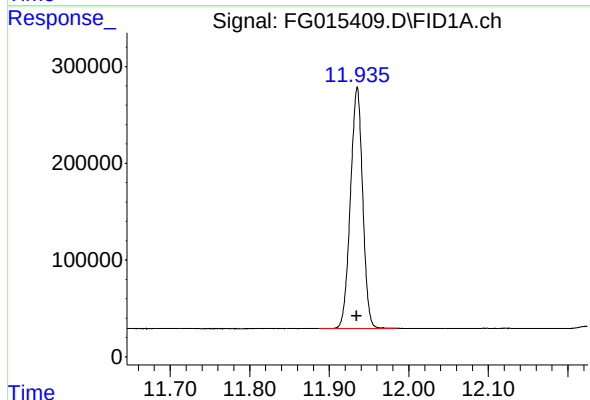
ClientSampleId :

20 PPM AROMATIC HC STD ICV



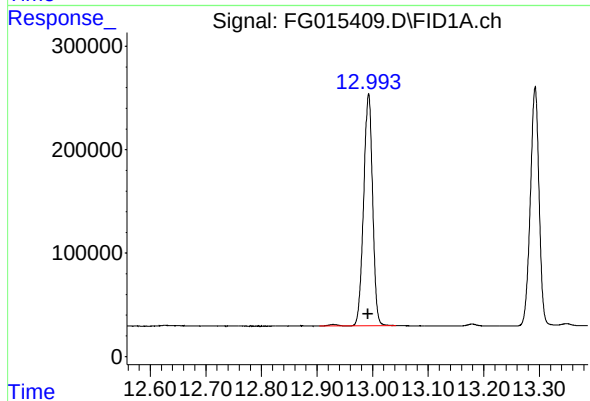
#10 Anthracene (C19.43)

R.T.: 11.240 min
Delta R.T.: 0.000 min
Response: 2438658
Conc: 19.88 ug/ml



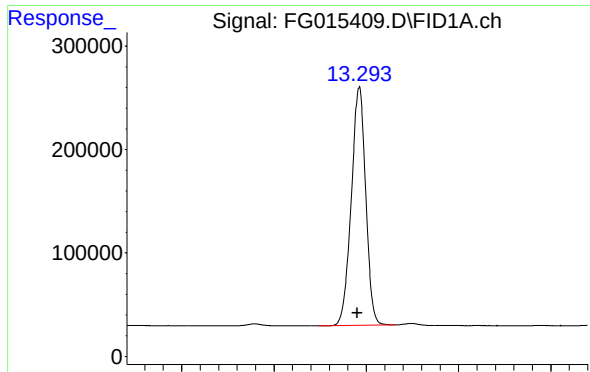
#11 ortho-Terphenyl (SURR)

R.T.: 11.935 min
Delta R.T.: 0.000 min
Response: 2661731
Conc: 19.77 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.993 min
Delta R.T.: 0.000 min
Response: 2533728
Conc: 20.01 ug/ml



#13 Pyrene (C20.8)

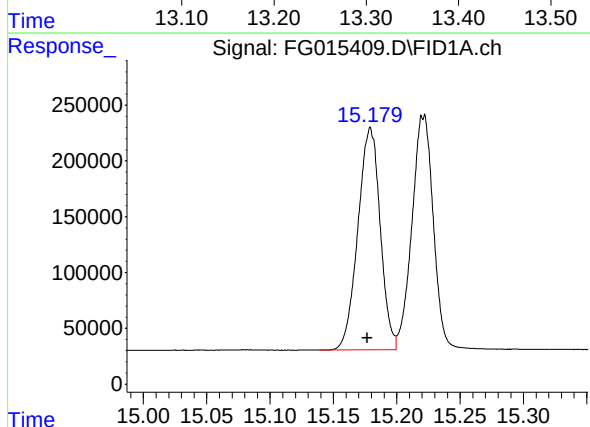
R.T.: 13.292 min
Delta R.T.: 0.002 min
Response: 2504436
Conc: 19.90 ug/ml

Instrument :

FID_G

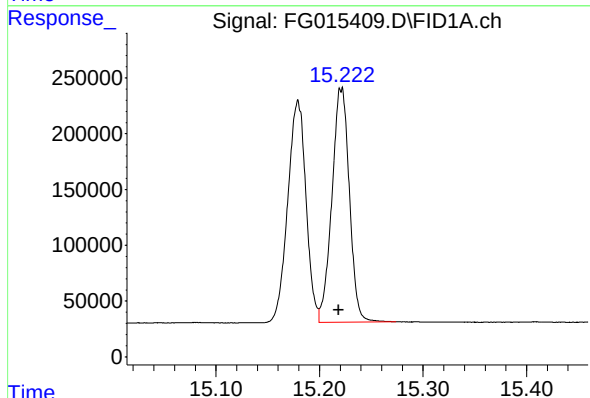
ClientSampleId :

20 PPM AROMATIC HC STD ICV



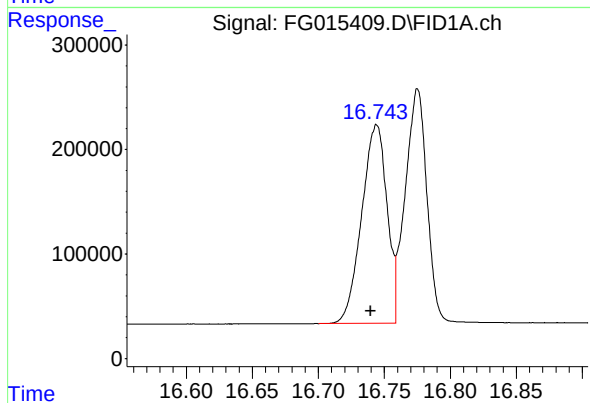
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.179 min
Delta R.T.: 0.002 min
Response: 2434483
Conc: 19.82 ug/ml



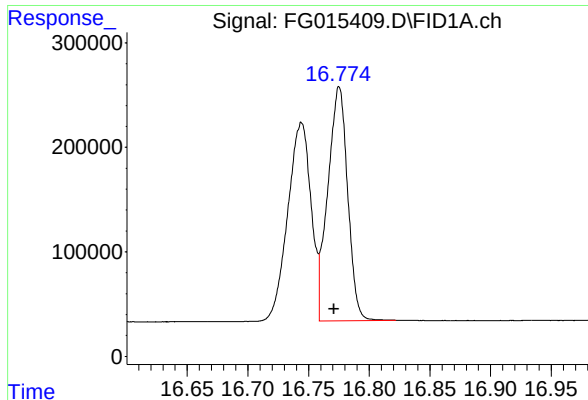
#15 Chrysene (C27.41)

R.T.: 15.221 min
Delta R.T.: 0.003 min
Response: 2462967
Conc: 19.69 ug/ml



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

R.T.: 16.744 min
Delta R.T.: 0.004 min
Response: 2534060
Conc: 19.64 ug/ml



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

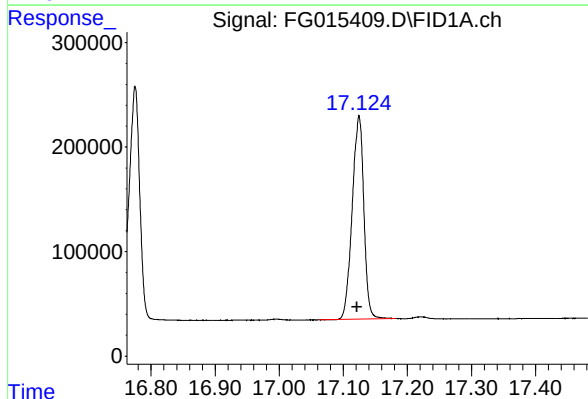
R.T.: 16.775 min
Delta R.T.: 0.004 min
Response: 2556420
Conc: 19.77 ug/ml

Instrument :

FID_G

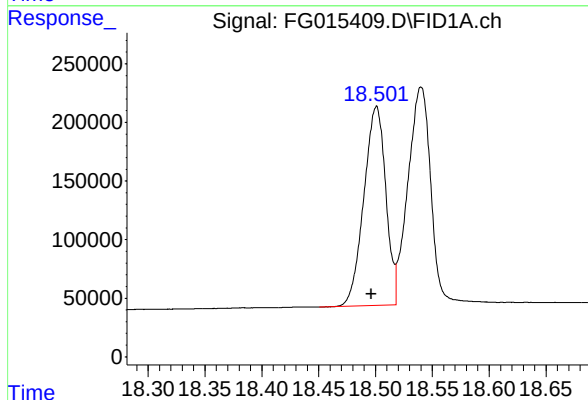
ClientSampleId :

20 PPM AROMATIC HC STD ICV



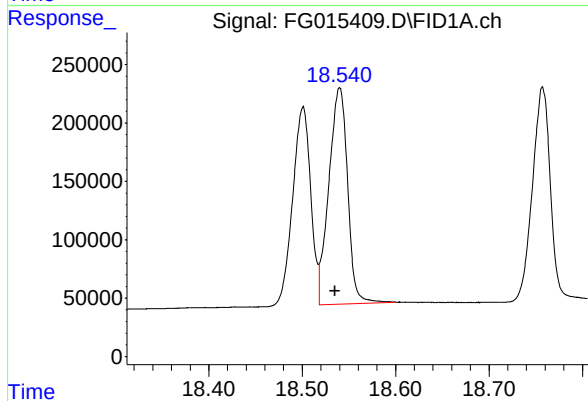
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.124 min
Delta R.T.: 0.003 min
Response: 2454053
Conc: 19.64 ug/ml



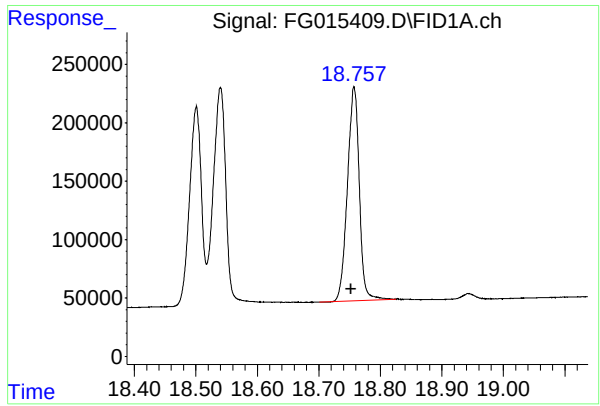
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.501 min
Delta R.T.: 0.004 min
Response: 2277198
Conc: 18.57 ug/ml



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

R.T.: 18.540 min
Delta R.T.: 0.005 min
Response: 2586505
Conc: 19.01 ug/ml



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

R.T.: 18.757 min
Delta R.T.: 0.005 min
Response: 2454833
Conc: 18.72 ug/ml

Instrument :

FID_G

ClientSampleId :

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