

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG022525AR\
 Data File : FG015411.D
 Signal(s) : FID1A.ch
 Acq On : 25 Feb 2025 17:21
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Feb 25 17:30:16 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	2340447	19.937 ug/ml
Spiked Amount 50.000		Recovery =	39.87%
6) S 2-Fluorobiphenyl (SURR)	8.861	1562376	20.033 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.07%
11) S ortho-Terphenyl (SURR)	11.935	2677232	19.884 ug/ml
Spiked Amount 50.000		Recovery =	39.77%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.573	2600302	19.909 ug/ml
2) T Naphthalene (C11.7)	6.252	2619446	19.879 ug/ml
3) T 2-Methylnaphthalene (...)	7.354	2561231	19.913 ug/ml
5) T Acenaphthylene (C15.06)	8.659	2641069	19.967 ug/ml
7) T Acenaphthene (C15.5)	8.961	2577042	19.898 ug/ml
8) T Fluorene (C16.55)	9.753	2590364	19.907 ug/ml
9) T Phenanthrene (C19.36)	11.165	2516512	19.824 ug/ml
10) T Anthracene (C19.43)	11.240	2429774	19.809 ug/ml
12) T Fluoranthene (C21.85)	12.993	2525366	19.942 ug/ml
13) T Pyrene (C20.8)	13.292	2491874	19.801 ug/ml
14) T Benzo[a]anthracene (C...	15.179	2423103	19.731 ug/ml
15) T Chrysene (C27.41)	15.221	2459729	19.661 ug/ml
16) T benzo[b]fluoranthene ...	16.741	2535285	19.651 ug/ml
17) T Bnezo[k]fluoranthene ...	16.775	2540181	19.644 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.124	2441426	19.537 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.500	2236109	18.238 ug/ml
20) T Dibenz[a,h]anthracene...	18.538	2514657	18.478 ug/ml
21) T Benzo[g,h,i]perylene ...	18.756	2419498	18.446 ug/ml

(f)=RT Delta > 1/2 Window

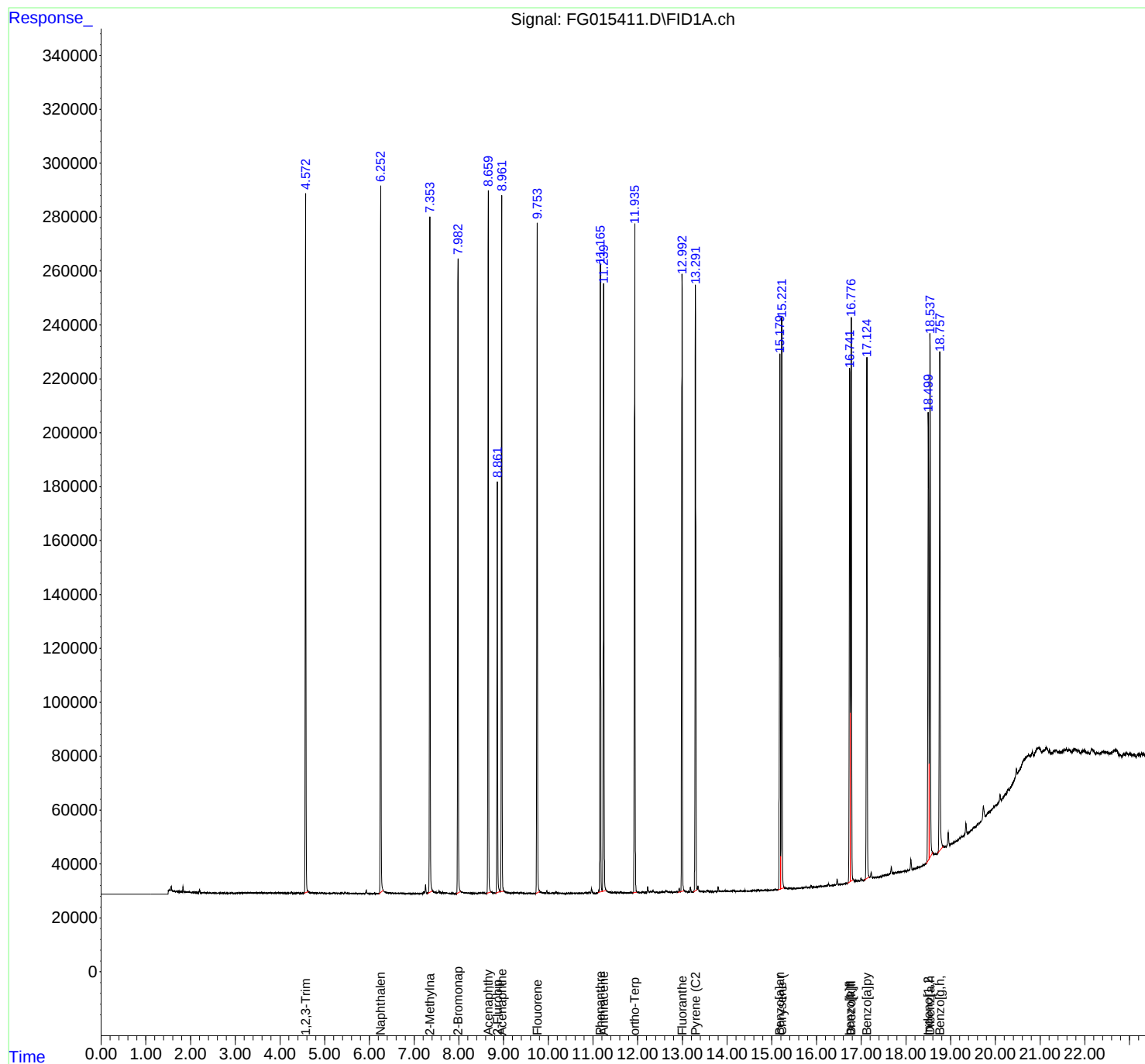
(m)=manual int.

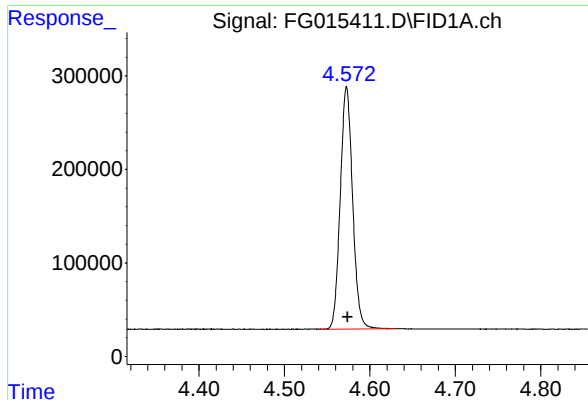
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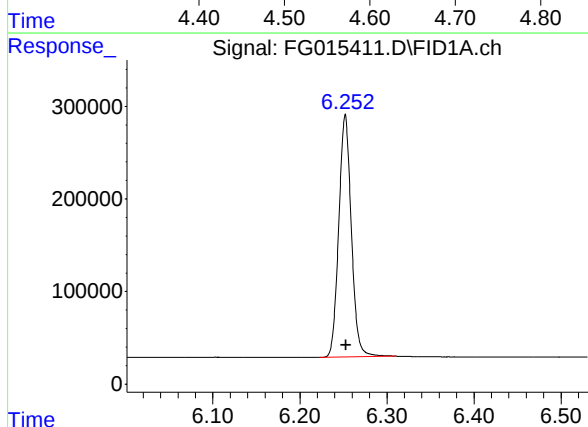




#1 1,2,3-Trimethylbenzene (C10.1)

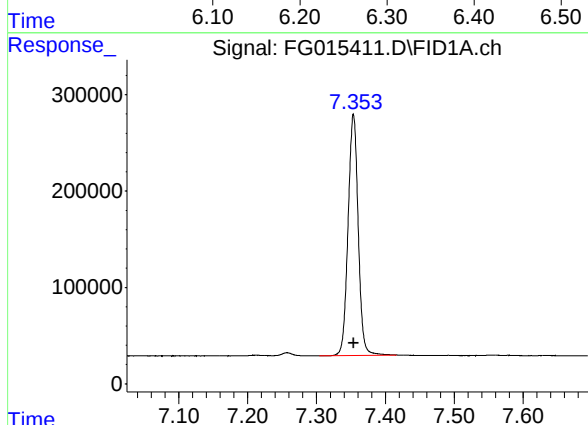
R.T.: 4.573 min
Delta R.T.: -0.001 min
Response: 2600302
Conc: 19.91 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM AROMATIC HC STD



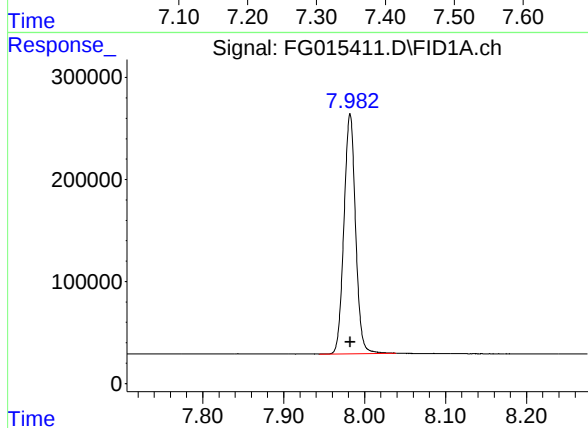
#2 Naphthalene (C11.7)

R.T.: 6.252 min
Delta R.T.: 0.000 min
Response: 2619446
Conc: 19.88 ug/ml



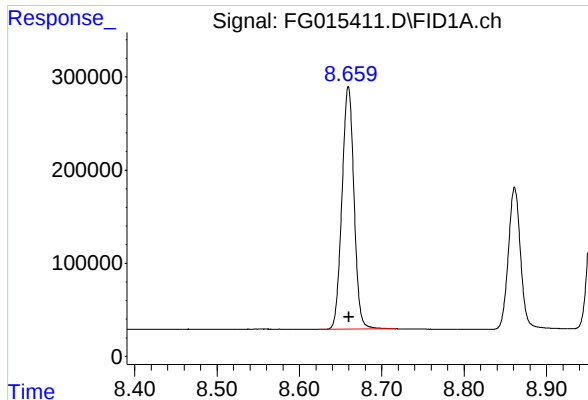
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.354 min
Delta R.T.: 0.000 min
Response: 2561231
Conc: 19.91 ug/ml



#4 2-Bromonaphthalene (SURR)

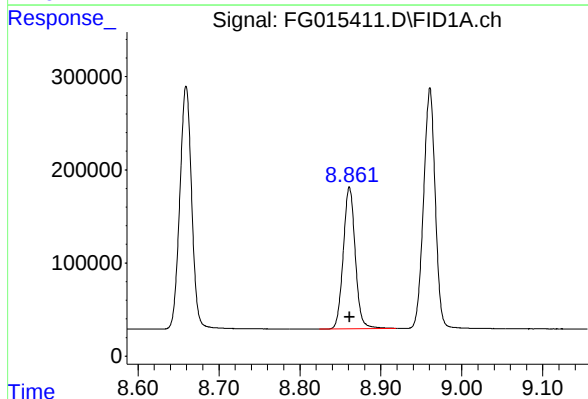
R.T.: 7.982 min
Delta R.T.: 0.000 min
Response: 2340447
Conc: 19.94 ug/ml



#5 Acenaphthylene (C15.06)

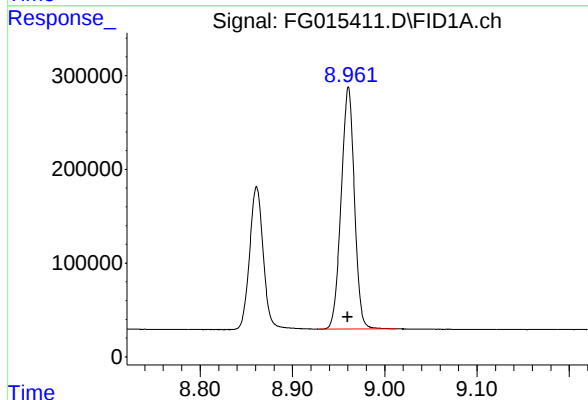
R.T.: 8.659 min
Delta R.T.: 0.000 min
Response: 2641069
Conc: 19.97 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM AROMATIC HC STD



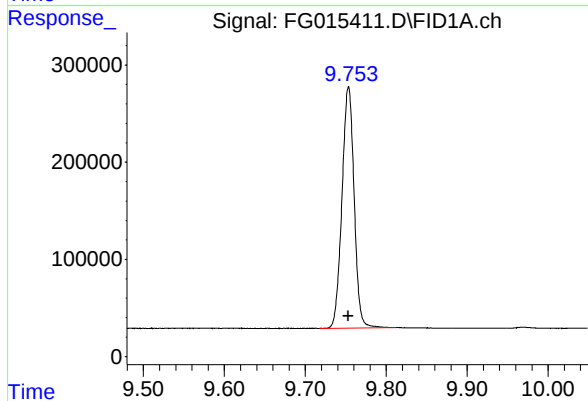
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.861 min
Delta R.T.: 0.000 min
Response: 1562376
Conc: 20.03 ug/ml



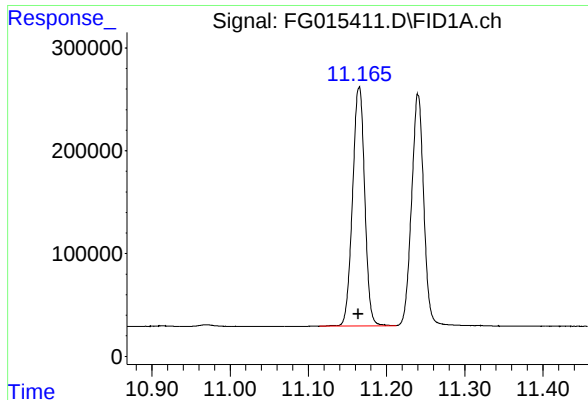
#7 Acenaphthene (C15.5)

R.T.: 8.961 min
Delta R.T.: 0.000 min
Response: 2577042
Conc: 19.90 ug/ml



#8 Flouorene (C16.55)

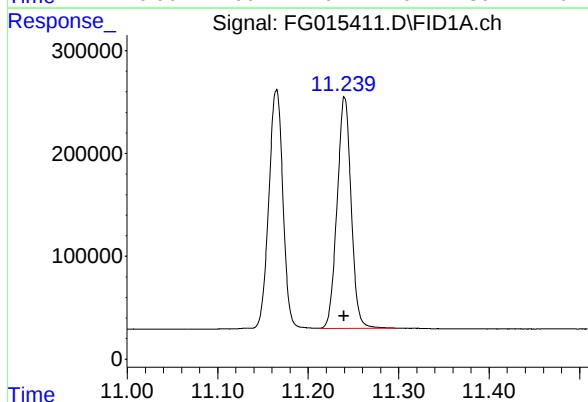
R.T.: 9.753 min
Delta R.T.: 0.000 min
Response: 2590364
Conc: 19.91 ug/ml



#9 Phenanthrene (C19.36)

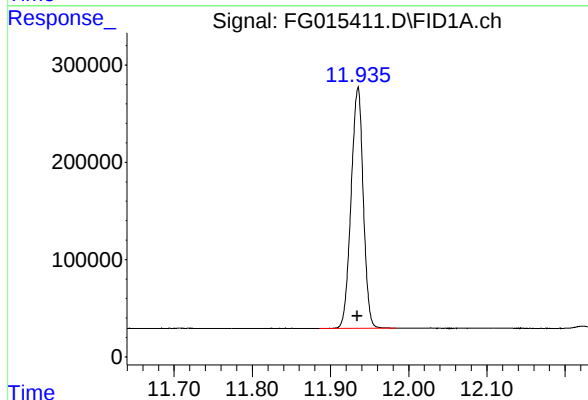
R.T.: 11.165 min
Delta R.T.: 0.000 min
Response: 2516512
Conc: 19.82 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



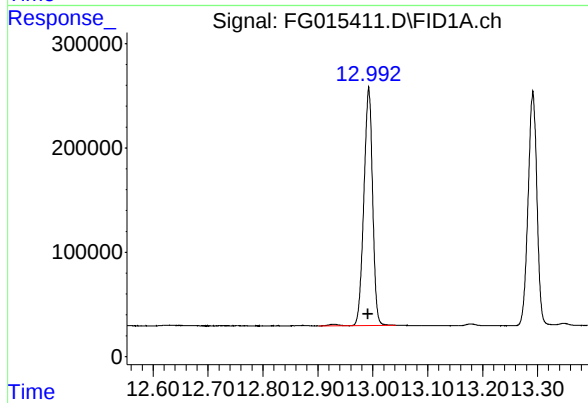
#10 Anthracene (C19.43)

R.T.: 11.240 min
Delta R.T.: 0.000 min
Response: 2429774
Conc: 19.81 ug/ml



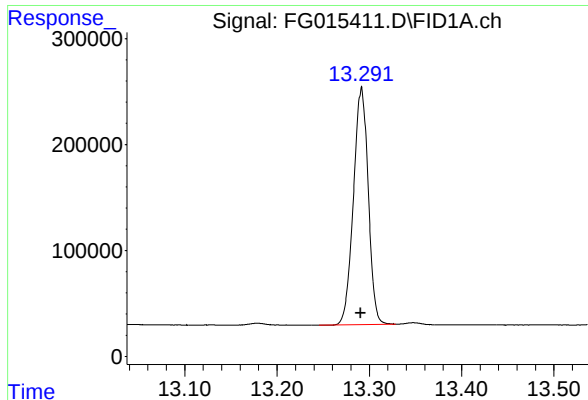
#11 ortho-Terphenyl (SURR)

R.T.: 11.935 min
Delta R.T.: 0.000 min
Response: 2677232
Conc: 19.88 ug/ml



#12 Fluoranthene (C21.85)

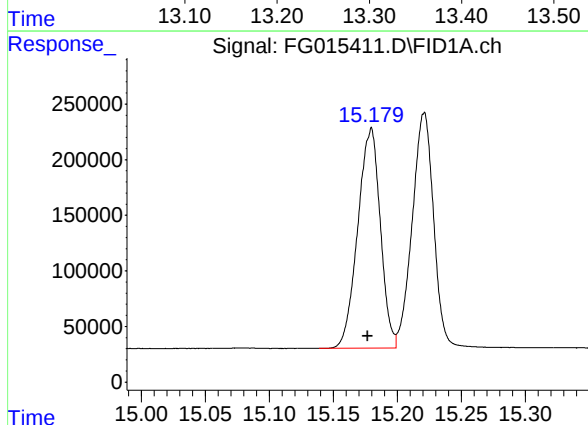
R.T.: 12.993 min
Delta R.T.: 0.000 min
Response: 2525366
Conc: 19.94 ug/ml



#13 Pyrene (C20.8)

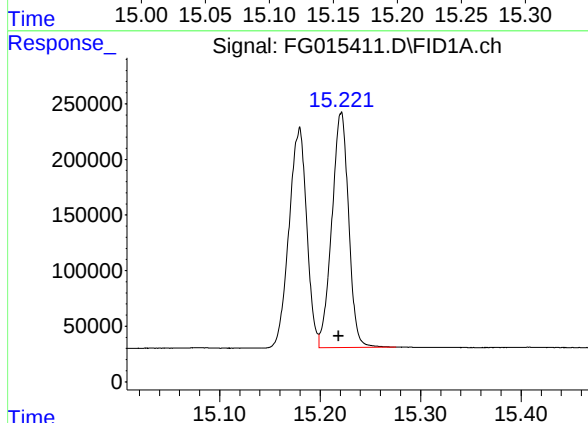
R.T.: 13.292 min
Delta R.T.: 0.000 min
Response: 2491874
Conc: 19.80 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM AROMATIC HC STD



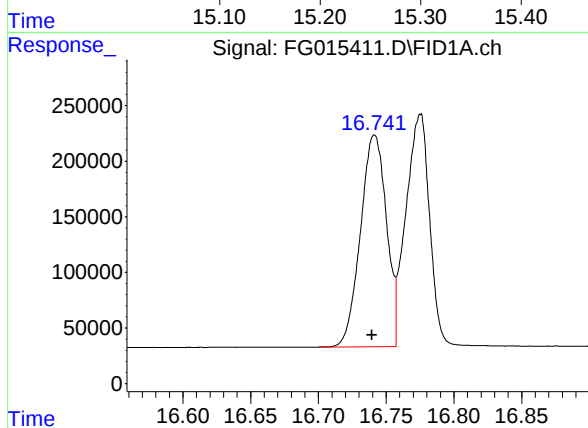
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.179 min
Delta R.T.: 0.002 min
Response: 2423103
Conc: 19.73 ug/ml



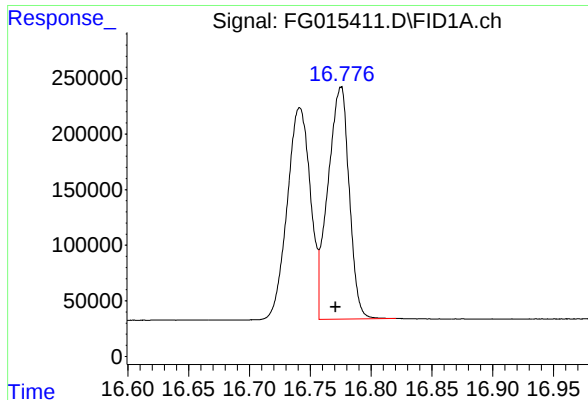
#15 Chrysene (C27.41)

R.T.: 15.221 min
Delta R.T.: 0.002 min
Response: 2459729
Conc: 19.66 ug/ml



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

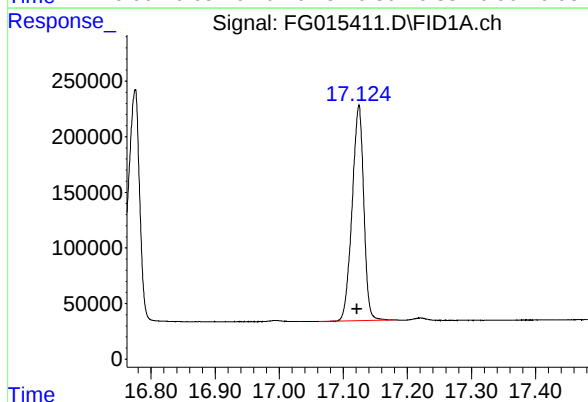
R.T.: 16.741 min
Delta R.T.: 0.002 min
Response: 2535285
Conc: 19.65 ug/ml



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

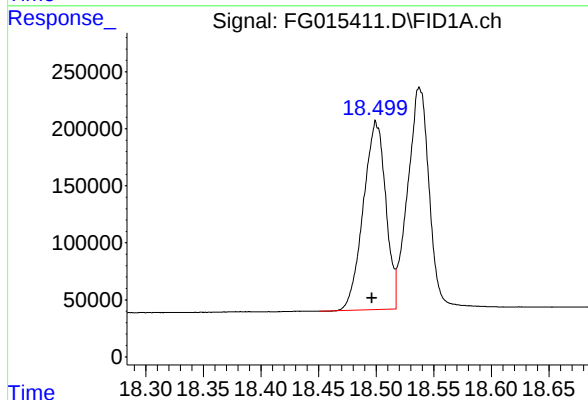
R.T.: 16.775 min
Delta R.T.: 0.004 min
Response: 2540181
Conc: 19.64 ug/ml

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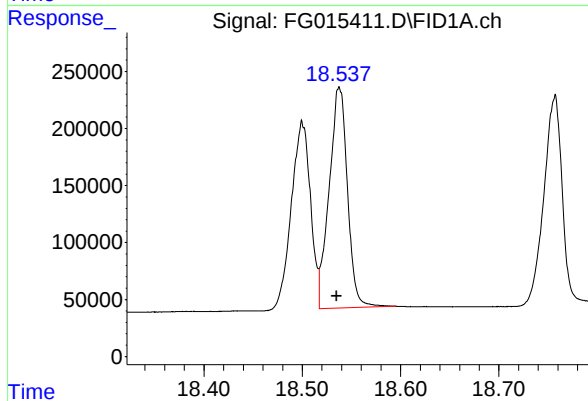
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.124 min
Delta R.T.: 0.003 min
Response: 2441426
Conc: 19.54 ug/ml



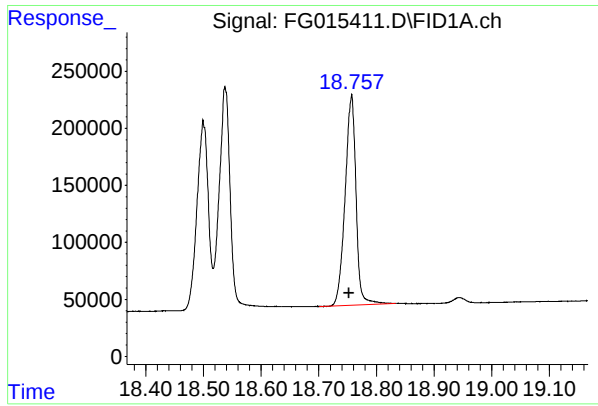
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.500 min
Delta R.T.: 0.004 min
Response: 2236109
Conc: 18.24 ug/ml



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

R.T.: 18.538 min
Delta R.T.: 0.003 min
Response: 2514657
Conc: 18.48 ug/ml



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

R.T.: 18.756 min

Delta R.T.: 0.004 min

Response: 2419498

Conc: 18.45 ug/ml

Instrument :

FID_G

ClientSampleId :

20 PPM AROMATIC HC STD