

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG031725AR\
 Data File : FG015507.D
 Signal(s) : FID1A.ch
 Acq On : 17 Mar 2025 19:59
 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: Mar 18 05:14:40 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 031725.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 18 05:13:04 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...	7.968	2456519	20.110 ug/ml
Spiked Amount 50.000		Recovery =	40.22%
6) S 2-Fluorobiphenyl (SURR)	8.845	1686476	20.403 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.81%
11) S ortho-Terphenyl (SURR)	11.918	2915333	19.991 ug/ml
Spiked Amount 50.000		Recovery =	39.98%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.558	2641903	19.881 ug/ml
2) T Naphthalene (C11.7)	6.237	2701816	19.998 ug/ml
3) T 2-Methylnaphthalene (...)	7.338	2684162	20.122 ug/ml
5) T Acenaphthylene (C15.06)	8.644	2840710	20.057 ug/ml
7) T Acenaphthene (C15.5)	8.944	2750045	20.157 ug/ml
8) T Fluorene (C16.55)	9.736	2813686	20.155 ug/ml
9) T Phenanthrene (C19.36)	11.146	2817182	19.997 ug/ml
10) T Anthracene (C19.43)	11.222	2741355	20.033 ug/ml
12) T Fluoranthene (C21.85)	12.973	2847782	19.970 ug/ml
13) T Pyrene (C20.8)	13.272	2808608	20.017 ug/ml
14) T Benzo[a]anthracene (C...	15.159	2727508	20.110 ug/ml
15) T Chrysene (C27.41)	15.201	2780462	19.862 ug/ml
16) T benzo[b]fluoranthene ...	16.721	2650809	20.061 ug/ml
17) T Bnezo[k]fluoranthene ...	16.752	2709173	19.842 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.103	2512163	20.033 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.478	2191508	19.697 ug/ml
20) T Dibenz[a,h]anthracene...	18.515	2598451	20.193 ug/ml
21) T Benzo[g,h,i]perylene ...	18.733	2381770	19.932 ug/ml

(f)=RT Delta > 1/2 Window

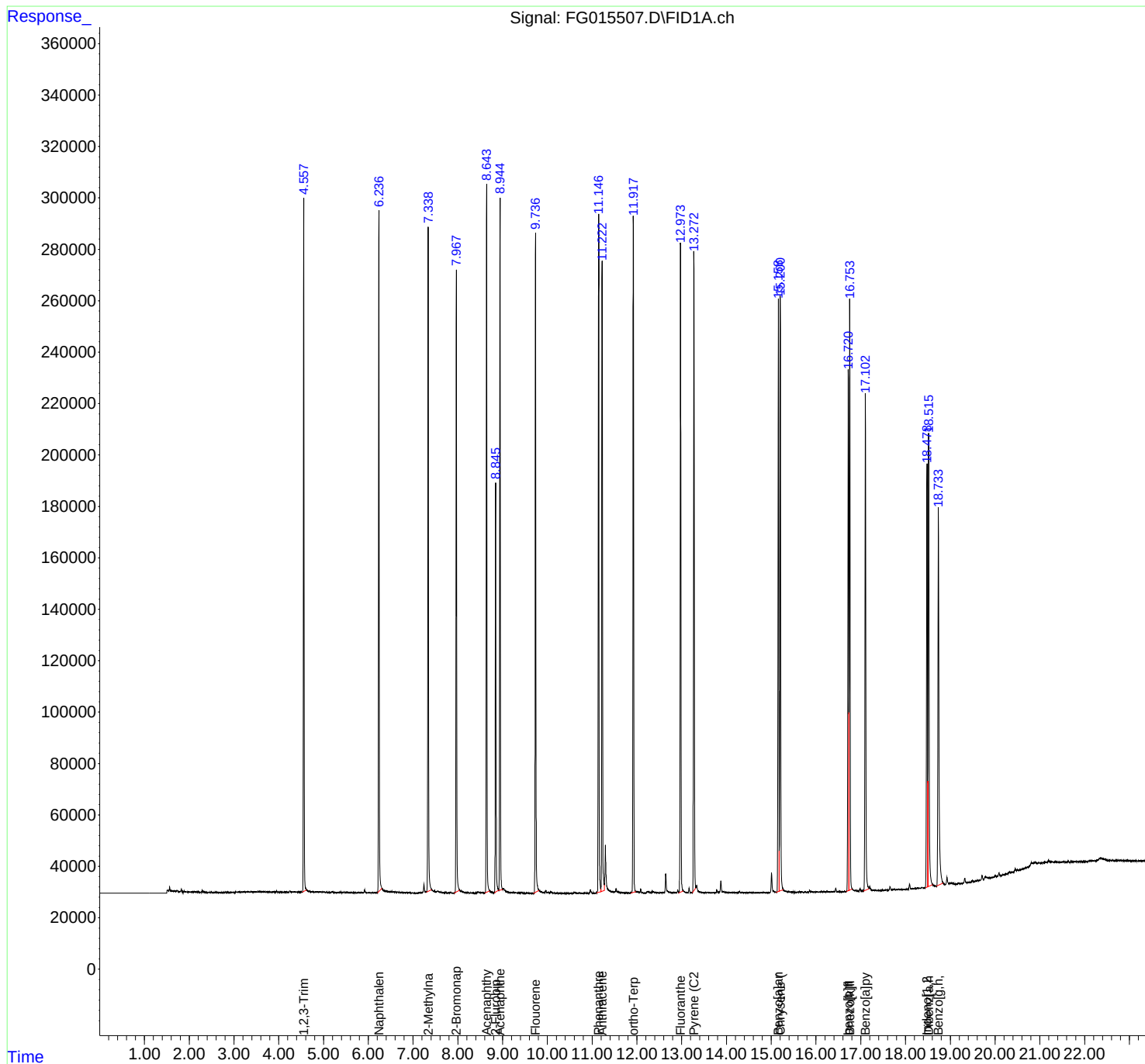
(m)=manual int.

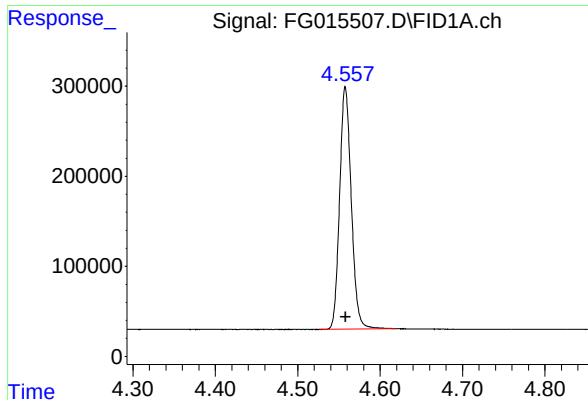
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#1 1,2,3-Trimethylbenzene (C10.1)

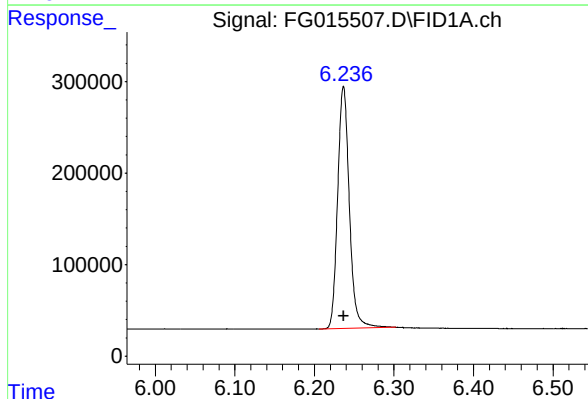
R.T.: 4.558 min
Delta R.T.: 0.000 min
Response: 2641903
Conc: 19.88 ug/ml

Instrument :

FID_G

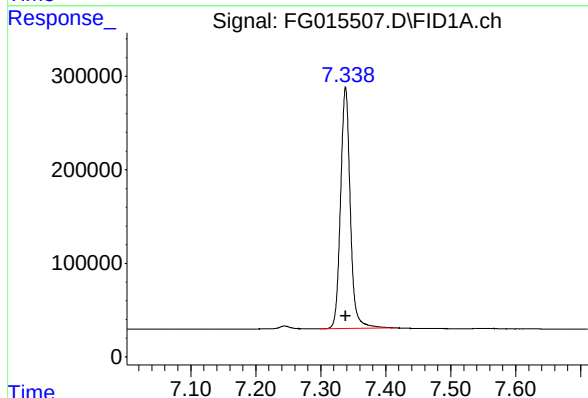
ClientSampleId :

20 PPM AROMATIC HC STD ICV



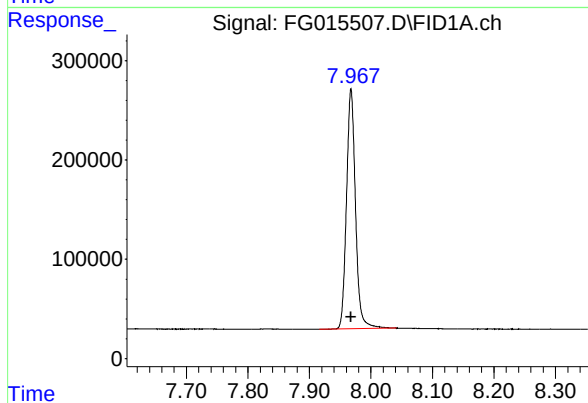
#2 Naphthalene (C11.7)

R.T.: 6.237 min
Delta R.T.: 0.000 min
Response: 2701816
Conc: 20.00 ug/ml



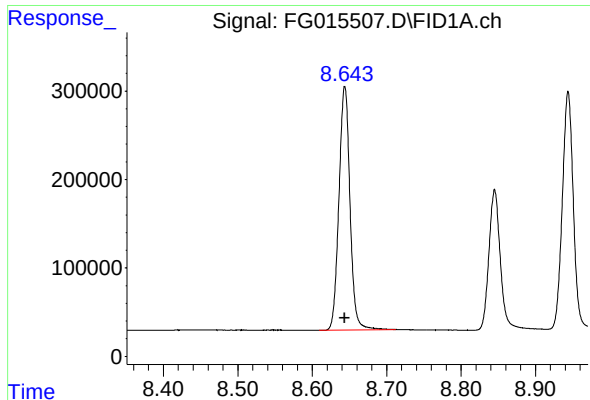
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.338 min
Delta R.T.: 0.000 min
Response: 2684162
Conc: 20.12 ug/ml



#4 2-Bromonaphthalene (SURR)

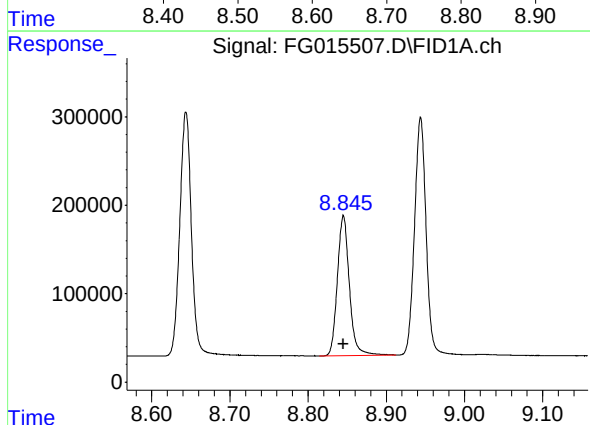
R.T.: 7.968 min
Delta R.T.: 0.000 min
Response: 2456519
Conc: 20.11 ug/ml



#5 Acenaphthylene (C15.06)

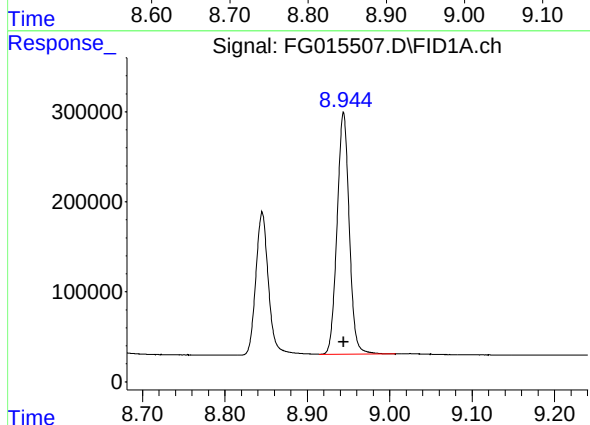
R.T.: 8.644 min
Delta R.T.: 0.000 min
Response: 2840710
Conc: 20.06 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM AROMATIC HC STD ICV



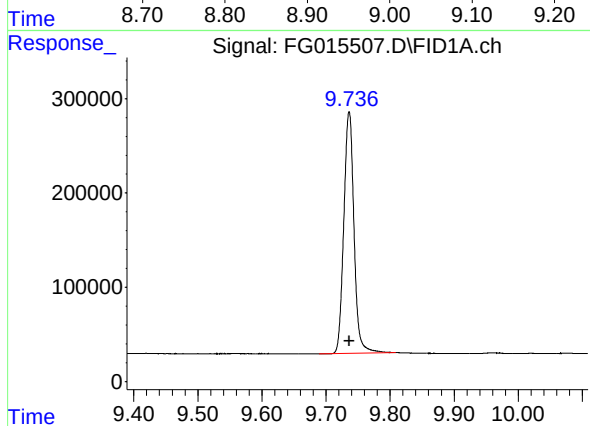
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.845 min
Delta R.T.: 0.000 min
Response: 1686476
Conc: 20.40 ug/ml



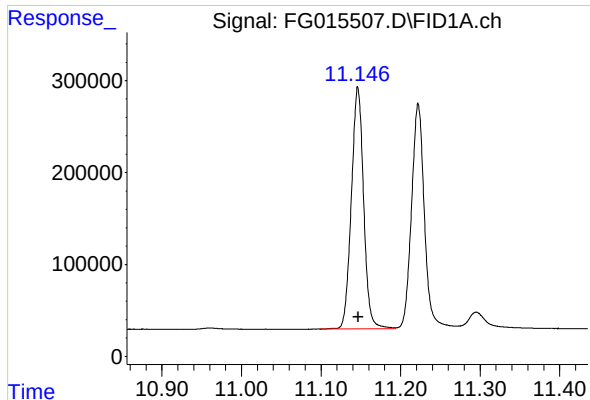
#7 Acenaphthene (C15.5)

R.T.: 8.944 min
Delta R.T.: 0.000 min
Response: 2750045
Conc: 20.16 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.736 min
Delta R.T.: 0.000 min
Response: 2813686
Conc: 20.15 ug/ml



#9 Phenanthrene (C19.36)

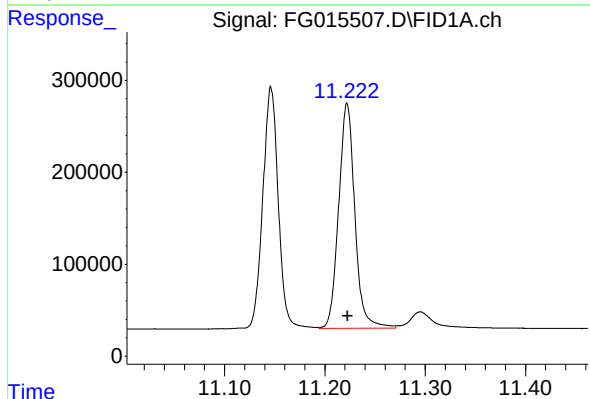
R.T.: 11.146 min
Delta R.T.: 0.000 min
Response: 2817182
Conc: 20.00 ug/ml

Instrument :

FID_G

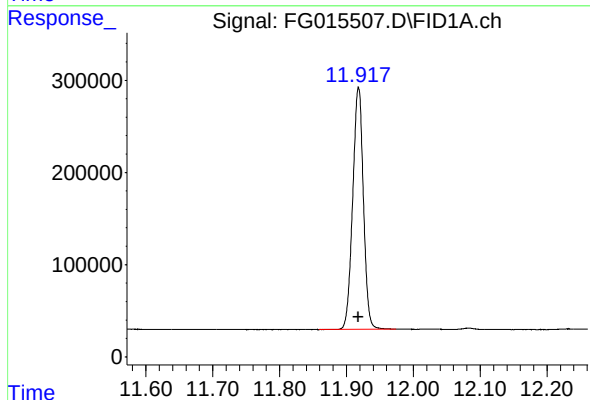
ClientSampleId :

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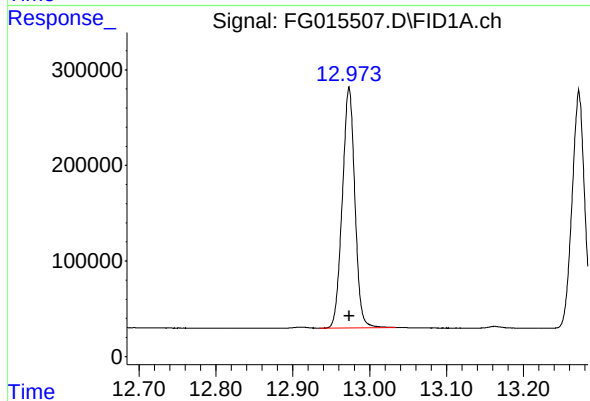
#10 Anthracene (C19.43)

R.T.: 11.222 min
Delta R.T.: 0.000 min
Response: 2741355
Conc: 20.03 ug/ml



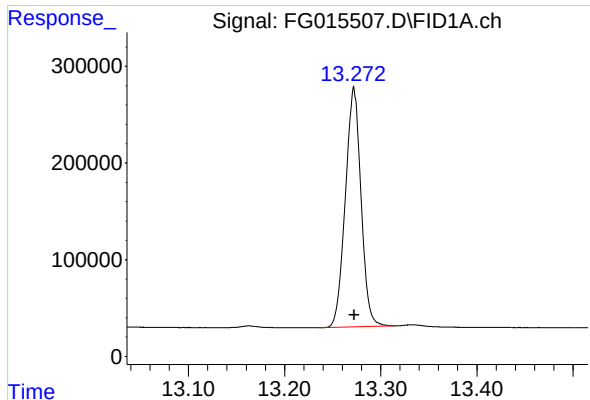
#11 ortho-Terphenyl (SURR)

R.T.: 11.918 min
Delta R.T.: 0.000 min
Response: 2915333
Conc: 19.99 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.973 min
Delta R.T.: 0.000 min
Response: 2847782
Conc: 19.97 ug/ml



#13 Pyrene (C20.8)

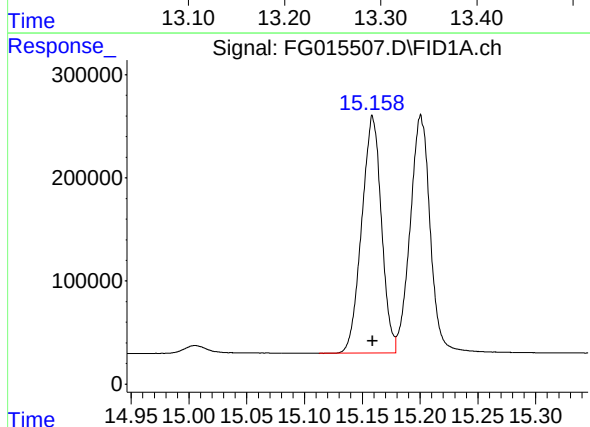
R.T.: 13.272 min
Delta R.T.: 0.000 min
Response: 2808608
Conc: 20.02 ug/ml

Instrument :

FID_G

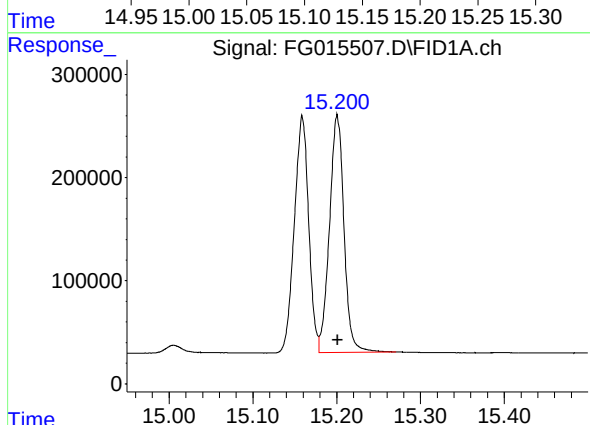
ClientSampleId :

20 PPM AROMATIC HC STD ICV



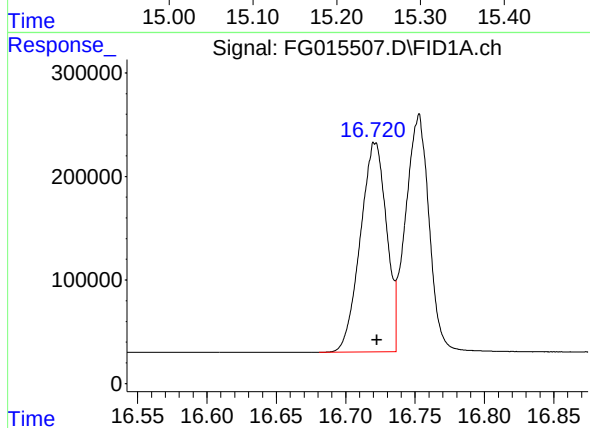
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.159 min
Delta R.T.: 0.000 min
Response: 2727508
Conc: 20.11 ug/ml



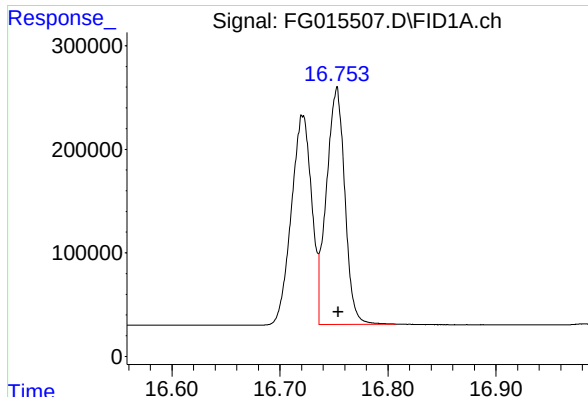
#15 Chrysene (C27.41)

R.T.: 15.201 min
Delta R.T.: 0.000 min
Response: 2780462
Conc: 19.86 ug/ml



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

R.T.: 16.721 min
Delta R.T.: -0.001 min
Response: 2650809
Conc: 20.06 ug/ml



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

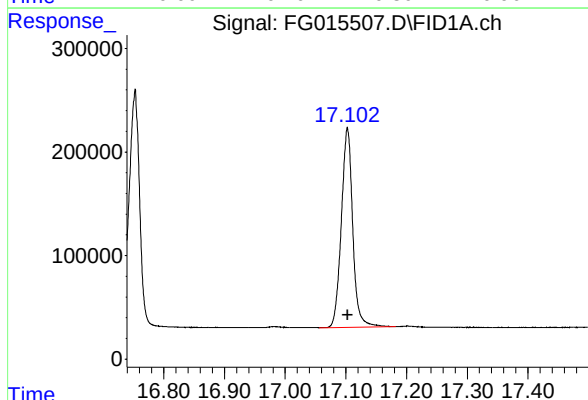
R.T.: 16.752 min
Delta R.T.: -0.002 min
Response: 2709173
Conc: 19.84 ug/ml

Instrument :

FID_G

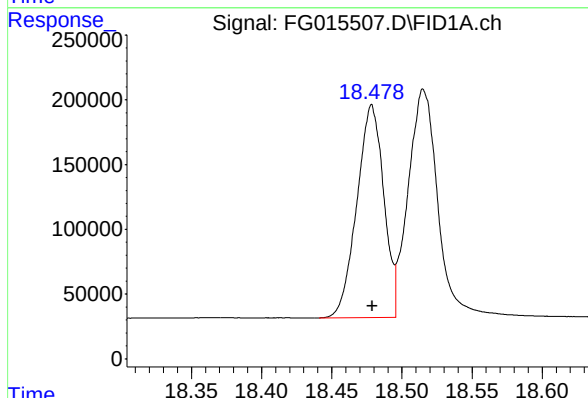
ClientSampleId :

20 PPM AROMATIC HC STD ICV



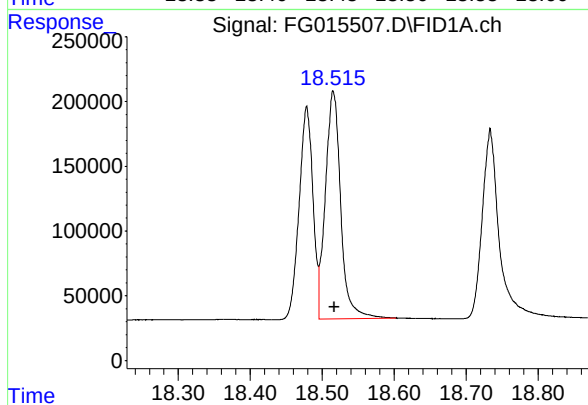
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.103 min
Delta R.T.: 0.000 min
Response: 2512163
Conc: 20.03 ug/ml



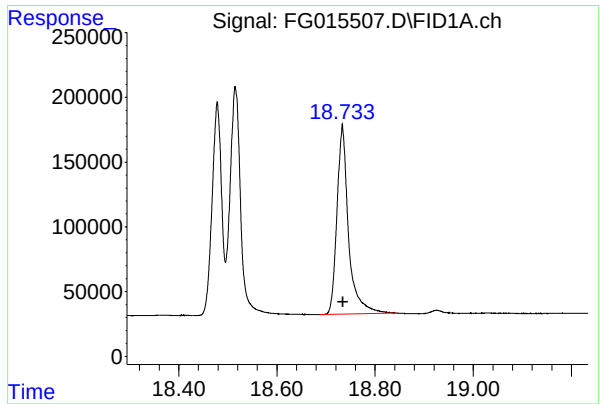
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.478 min
Delta R.T.: 0.000 min
Response: 2191508
Conc: 19.70 ug/ml



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

R.T.: 18.515 min
Delta R.T.: -0.001 min
Response: 2598451
Conc: 20.19 ug/ml



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

R.T.: 18.733 min
Delta R.T.: -0.001 min
Response: 2381770
Conc: 19.93 ug/ml

Instrument :

FID_G

ClientSampleId :

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