

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG011425AR\
 Data File : FG015082.D
 Signal(s) : FID1A.ch
 Acq On : 14 Jan 2025 18:17
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Jan 14 18:27:27 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 011425.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 14 18:04:53 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...	7.987	2846460	20.483 ug/ml
Spiked Amount 50.000		Recovery =	40.97%
6) S 2-Fluorobiphenyl (SURR)	8.863	1966676	20.530 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.06%
11) S ortho-Terphenyl (SURR)	11.941	3358299	20.429 ug/ml
Spiked Amount 50.000		Recovery =	40.86%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.579	3027268	20.378 ug/ml
2) T Naphthalene (C11.7)	6.255	3259895	20.489 ug/ml
3) T 2-Methylnaphthalene (...)	7.357	3334414	20.500 ug/ml
5) T Acenaphthylene (C15.06)	8.663	3310406	20.478 ug/ml
7) T Acenaphthene (C15.5)	8.964	3318416	20.481 ug/ml
8) T Fluorene (C16.55)	9.756	3306281	20.491 ug/ml
9) T Phenanthrene (C19.36)	11.167	3324313	20.525 ug/ml
10) T Anthracene (C19.43)	11.242	3067063	20.478 ug/ml
12) T Fluoranthene (C21.85)	12.995	3271212	20.372 ug/ml
13) T Pyrene (C20.8)	13.294	3230900	20.334 ug/ml
14) T Benzo[a]anthracene (C...	15.180	3064913	20.159 ug/ml
15) T Chrysene (C27.41)	15.222	3113036	20.116 ug/ml
16) T benzo[b]fluoranthene ...	16.742	3070658	20.154 ug/ml
17) T Bnezo[k]fluoranthene ...	16.774	2887818	20.063 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.122	2968438	20.100 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.497	2849284	20.077 ug/ml
20) T Dibenz[a,h]anthracene...	18.537	3221673	20.198 ug/ml
21) T Benzo[g,h,i]perylene ...	18.755	3024123	20.302 ug/ml

(f)=RT Delta > 1/2 Window

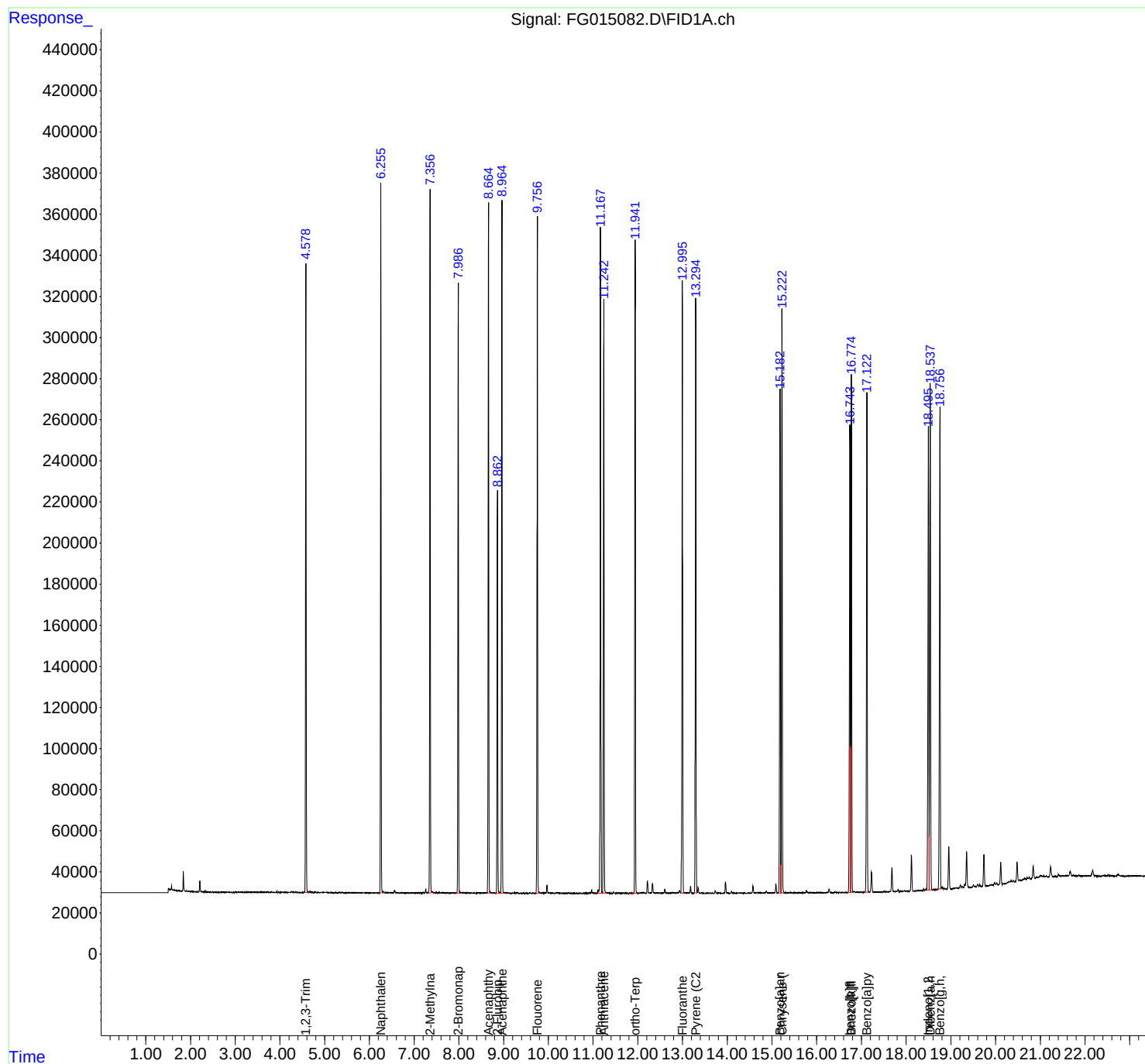
(m)=manual int.

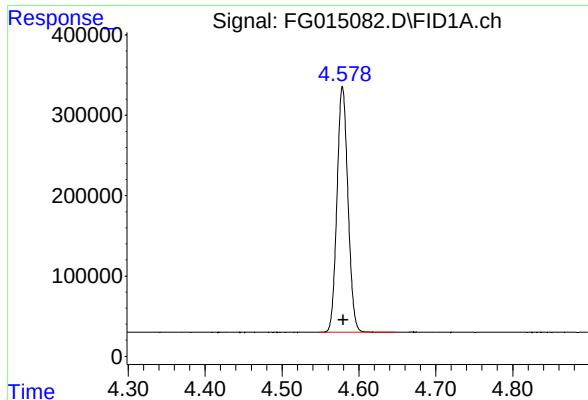
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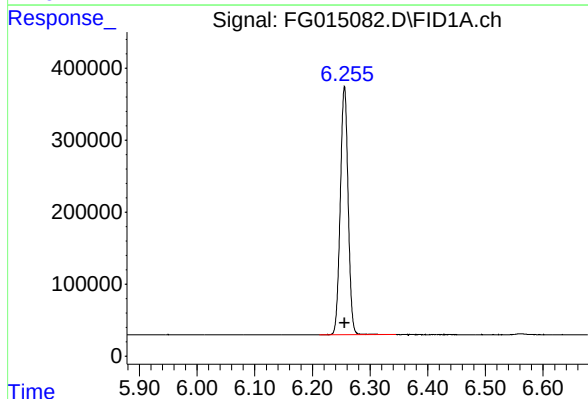




#1 1,2,3-Trimethylbenzene (C10.1)

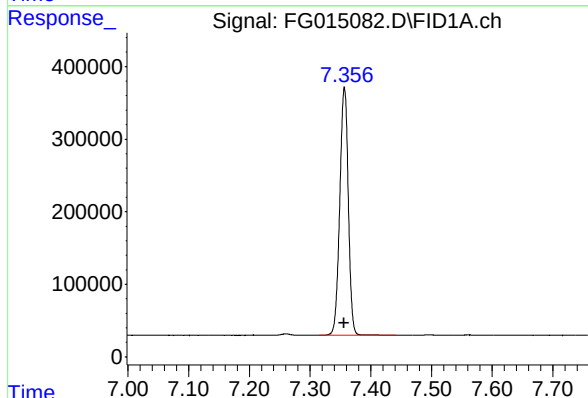
R.T.: 4.579 min
Delta R.T.: -0.001 min
Response: 3027268
Conc: 20.38 ug/ml

Instrument :
FID_G
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20 PPM AROMATIC HC STD



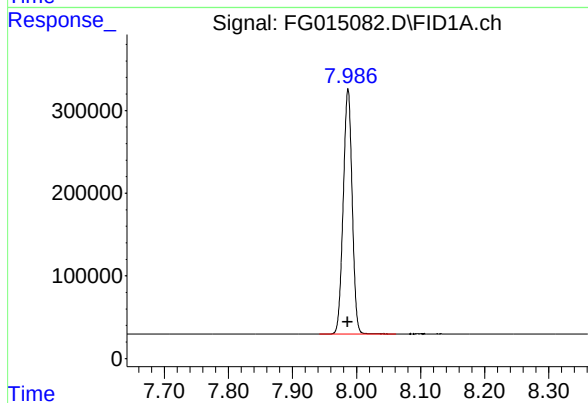
#2 Naphthalene (C11.7)

R.T.: 6.255 min
Delta R.T.: 0.000 min
Response: 3259895
Conc: 20.49 ug/ml



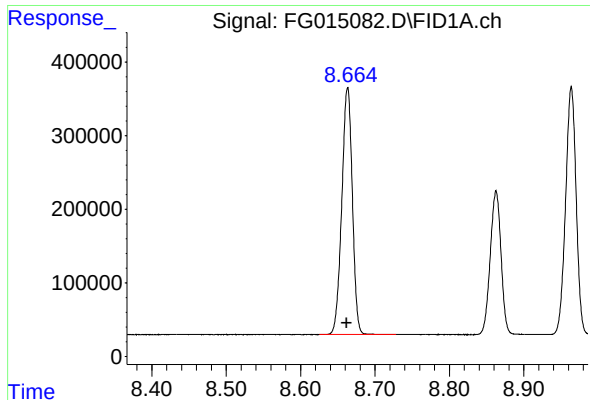
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.357 min
Delta R.T.: 0.000 min
Response: 3334414
Conc: 20.50 ug/ml



#4 2-Bromonaphthalene (SURR)

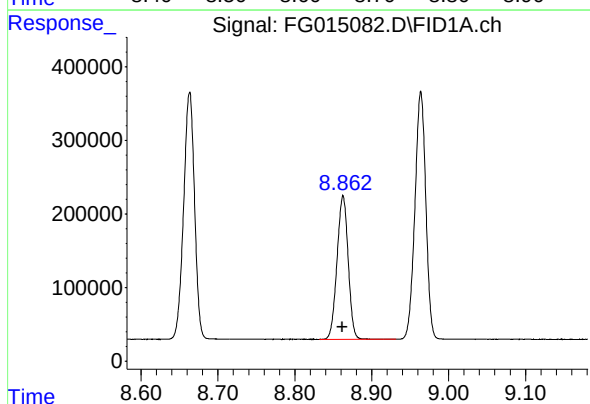
R.T.: 7.987 min
Delta R.T.: 0.000 min
Response: 2846460
Conc: 20.48 ug/ml



#5 Acenaphthylene (C15.06)

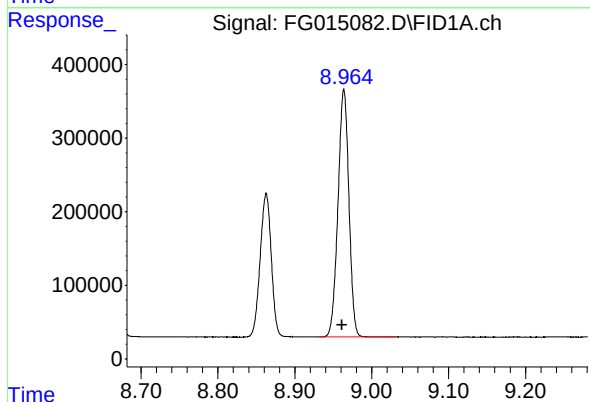
R.T.: 8.663 min
Delta R.T.: 0.001 min
Response: 3310406
Conc: 20.48 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM AROMATIC HC STD



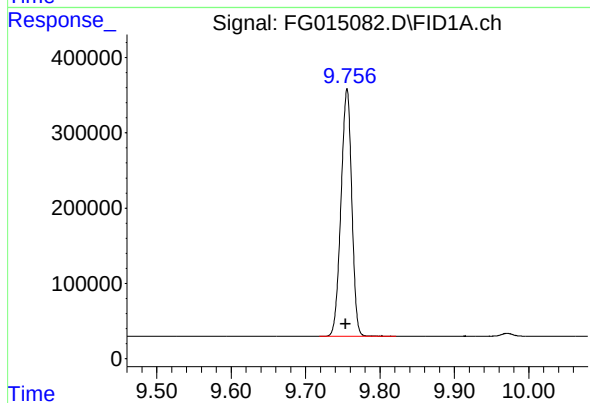
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.863 min
Delta R.T.: 0.000 min
Response: 1966676
Conc: 20.53 ug/ml



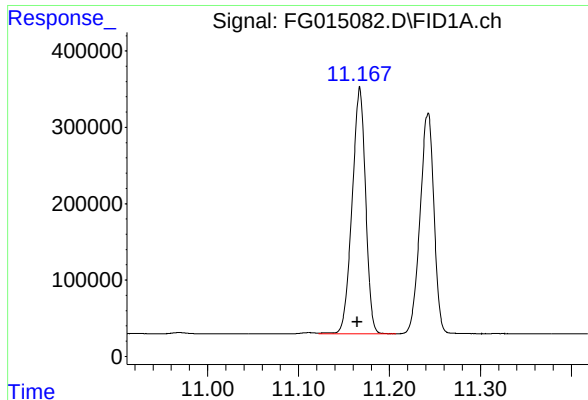
#7 Acenaphthene (C15.5)

R.T.: 8.964 min
Delta R.T.: 0.002 min
Response: 3318416
Conc: 20.48 ug/ml



#8 Flouorene (C16.55)

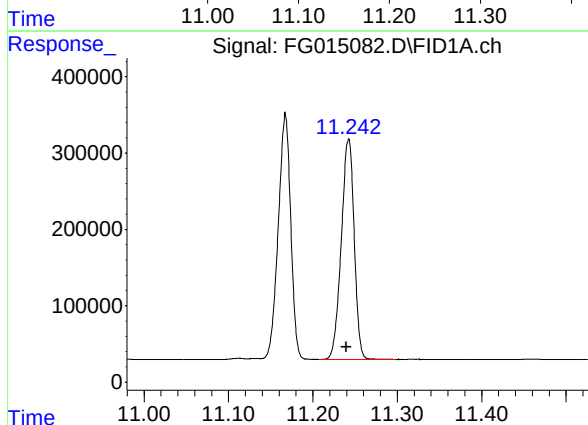
R.T.: 9.756 min
Delta R.T.: 0.002 min
Response: 3306281
Conc: 20.49 ug/ml



#9 Phenanthrene (C19.36)

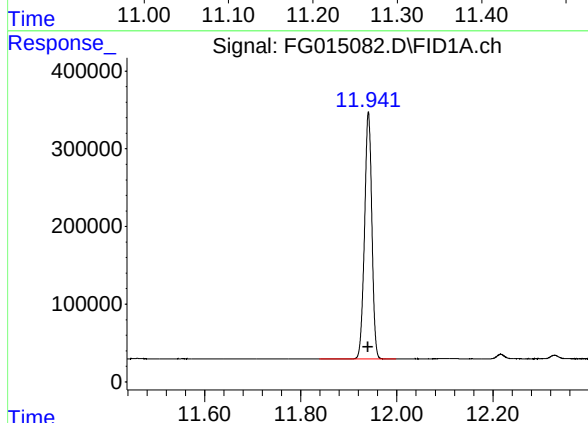
R.T.: 11.167 min
Delta R.T.: 0.003 min
Response: 3324313
Conc: 20.52 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



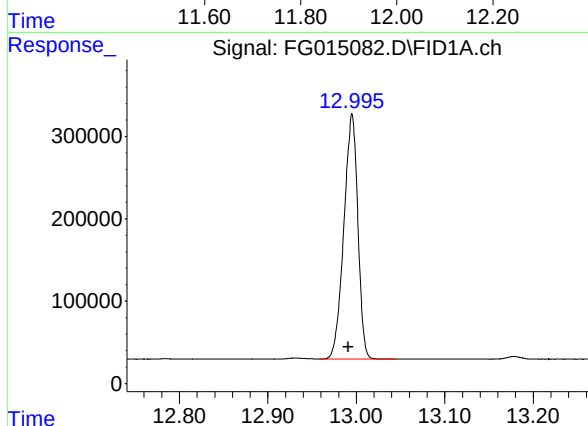
#10 Anthracene (C19.43)

R.T.: 11.242 min
Delta R.T.: 0.003 min
Response: 3067063
Conc: 20.48 ug/ml



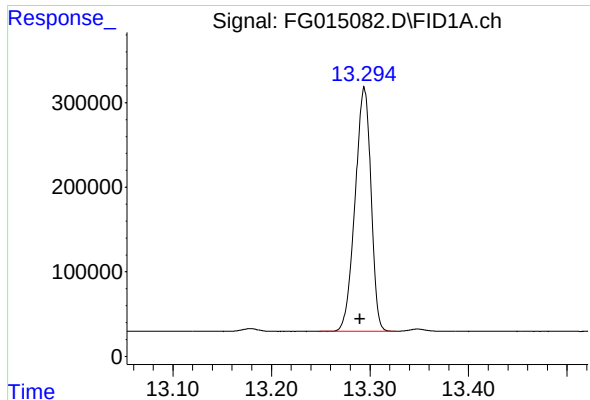
#11 ortho-Terphenyl (SURRE)

R.T.: 11.941 min
Delta R.T.: 0.001 min
Response: 3358299
Conc: 20.43 ug/ml



#12 Fluoranthene (C21.85)

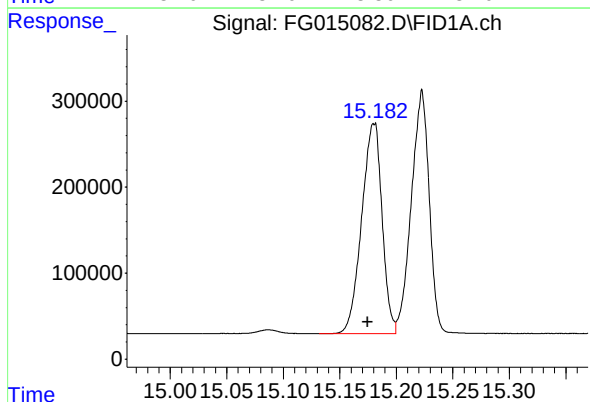
R.T.: 12.995 min
Delta R.T.: 0.004 min
Response: 3271212
Conc: 20.37 ug/ml



#13 Pyrene (C20.8)

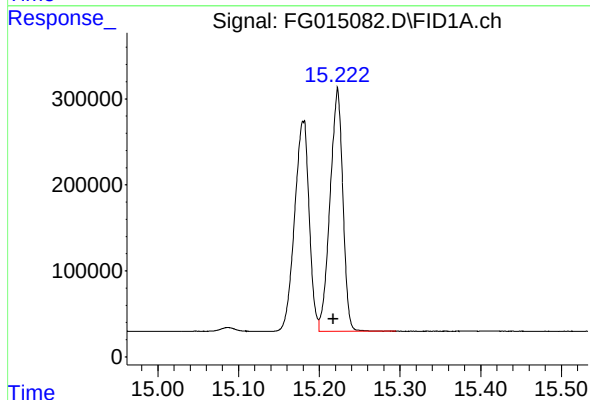
R.T.: 13.294 min
Delta R.T.: 0.004 min
Response: 3230900
Conc: 20.33 ug/ml

Instrument :
FID_G
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20 PPM AROMATIC HC STD



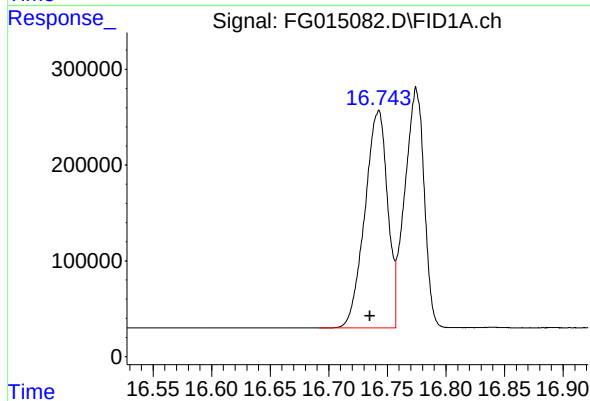
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.180 min
Delta R.T.: 0.005 min
Response: 3064913
Conc: 20.16 ug/ml



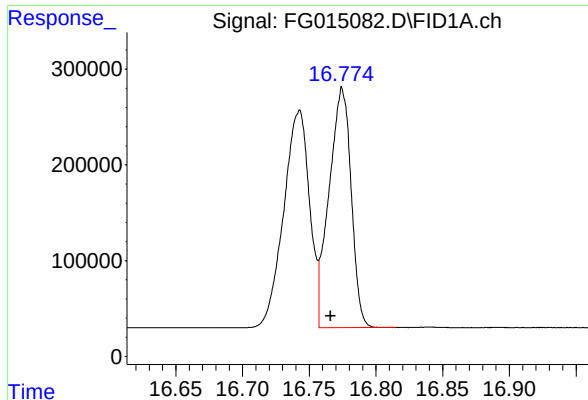
#15 Chrysene (C27.41)

R.T.: 15.222 min
Delta R.T.: 0.005 min
Response: 3113036
Conc: 20.12 ug/ml



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

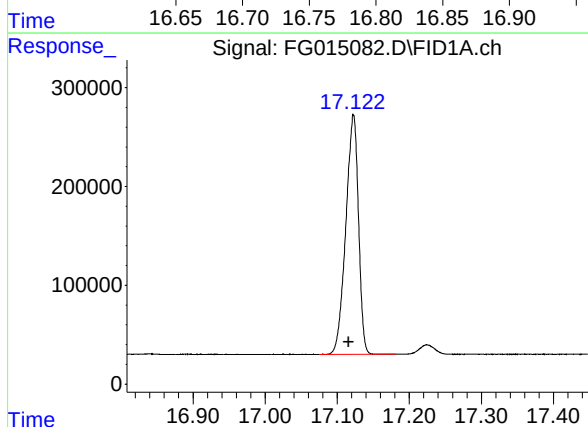
R.T.: 16.742 min
Delta R.T.: 0.007 min
Response: 3070658
Conc: 20.15 ug/ml



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

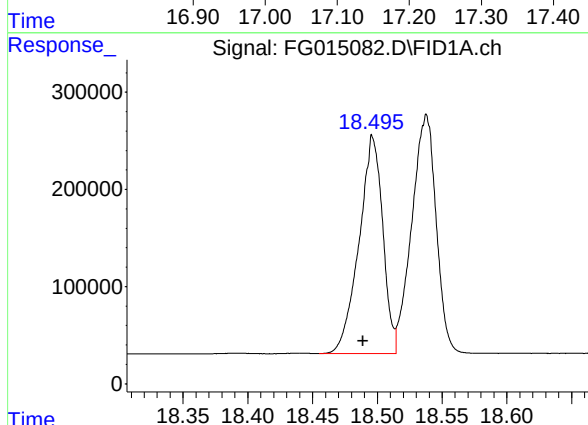
R.T.: 16.774 min
Delta R.T.: 0.008 min
Response: 2887818
Conc: 20.06 ug/ml

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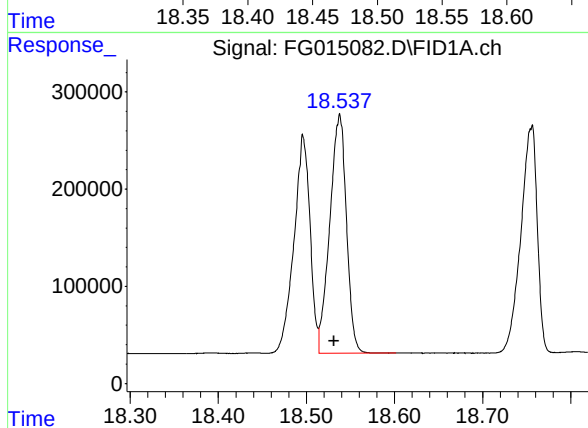
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.122 min
Delta R.T.: 0.006 min
Response: 2968438
Conc: 20.10 ug/ml



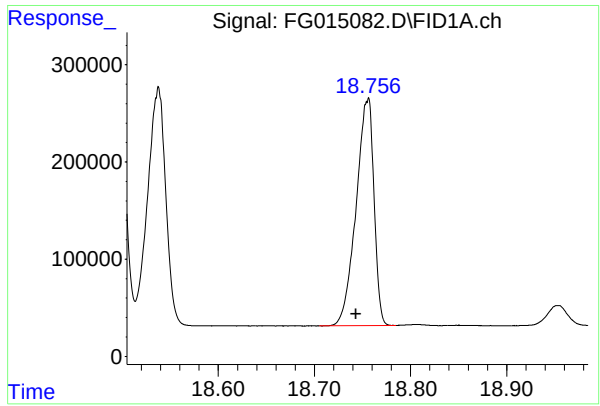
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.497 min
Delta R.T.: 0.008 min
Response: 2849284
Conc: 20.08 ug/ml



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

R.T.: 18.537 min
Delta R.T.: 0.006 min
Response: 3221673
Conc: 20.20 ug/ml



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

R.T.: 18.755 min
Delta R.T.: 0.012 min
Response: 3024123
Conc: 20.30 ug/ml

Instrument :

FID_G

ClientSampleId :

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