

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF011425AR\
 Data File : FF015245.D
 Signal(s) : FID2B.ch
 Acq On : 14 Jan 2025 22:32
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Jan 15 07:06:47 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 011425.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 15 07:05:42 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...	7.989	2769741	20.983 ug/ml
Spiked Amount 50.000		Recovery =	41.97%
6) S 2-Fluorobiphenyl (SURR)	8.861	1795801	21.275 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.55%
11) S ortho-Terphenyl (SURR)	11.924	3535003	20.535 ug/ml
Spiked Amount 50.000		Recovery =	41.07%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.602	3321457	20.707 ug/ml
2) T Naphthalene (C11.7)	6.269	3337476	20.816 ug/ml
3) T 2-Methylnaphthalene (...)	7.363	3327557	20.926 ug/ml
5) T Acenaphthylene (C15.06)	8.662	3335368	20.990 ug/ml
7) T Acenaphthene (C15.5)	8.961	3409037	20.906 ug/ml
8) T Fluorene (C16.55)	9.749	3281375	20.840 ug/ml
9) T Phenanthrene (C19.36)	11.154	3301808	20.680 ug/ml
10) T Anthracene (C19.43)	11.229	3046561	20.635 ug/ml
12) T Fluoranthene (C21.85)	12.974	3380429	20.434 ug/ml
13) T Pyrene (C20.8)	13.272	3335074	20.590 ug/ml
14) T Benzo[a]anthracene (C...	15.151	3066942	20.559 ug/ml
15) T Chrysene (C27.41)	15.194	3162325	20.359 ug/ml
16) T benzo[b]fluoranthene ...	16.708	3056580	20.655 ug/ml
17) T Bnezo[k]fluoranthene ...	16.740	2880392	20.372 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.088	2910824	20.487 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.459	2587168	20.532 ug/ml
20) T Dibenz[a,h]anthracene...	18.499	3052310	20.631 ug/ml
21) T Benzo[g,h,i]perylene ...	18.715	2760579	20.450 ug/ml

(f)=RT Delta > 1/2 Window

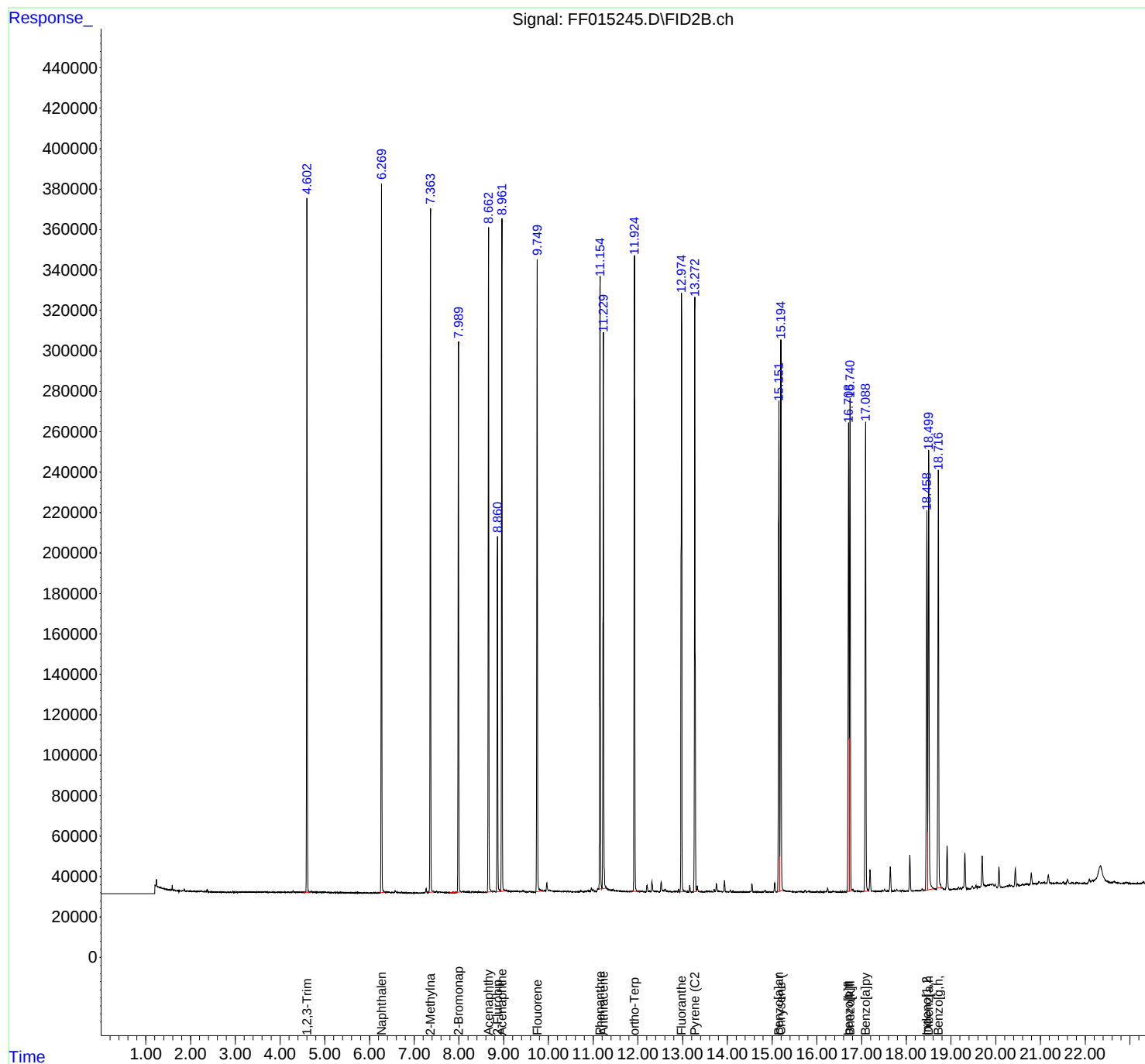
(m)=manual int.

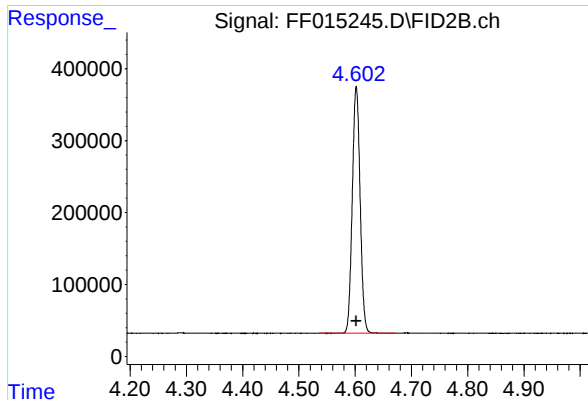
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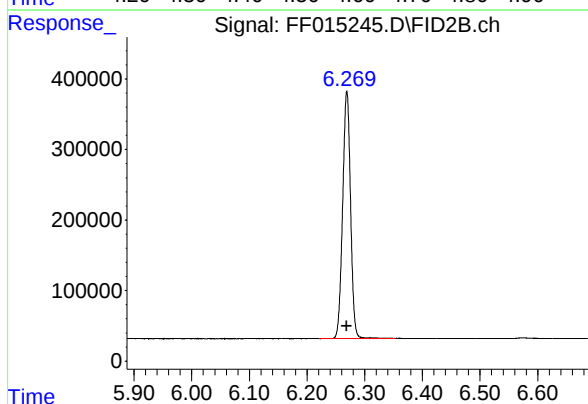




#1 1,2,3-Trimethylbenzene (C10.1)

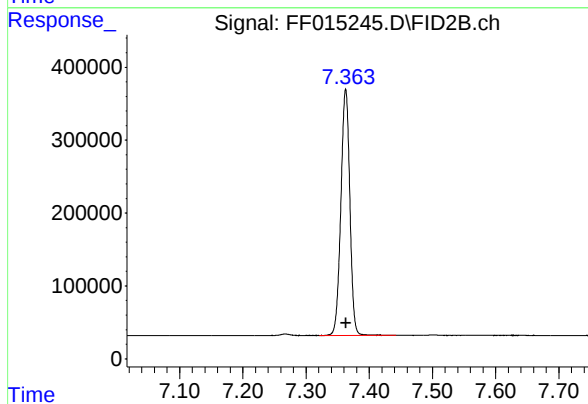
R.T.: 4.602 min
Delta R.T.: 0.000 min
Response: 3321457
Conc: 20.71 ug/ml

Instrument :
FID_F
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20 PPM AROMATIC HC STD



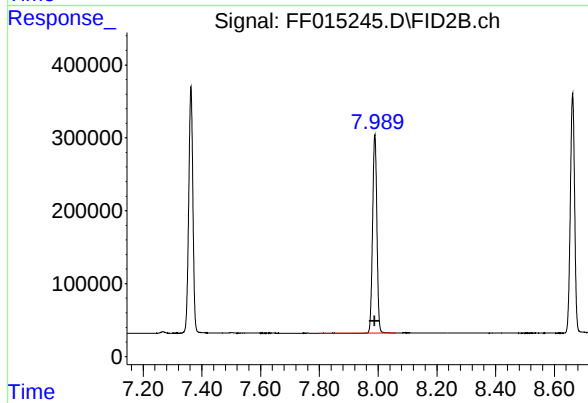
#2 Naphthalene (C11.7)

R.T.: 6.269 min
Delta R.T.: 0.000 min
Response: 3337476
Conc: 20.82 ug/ml



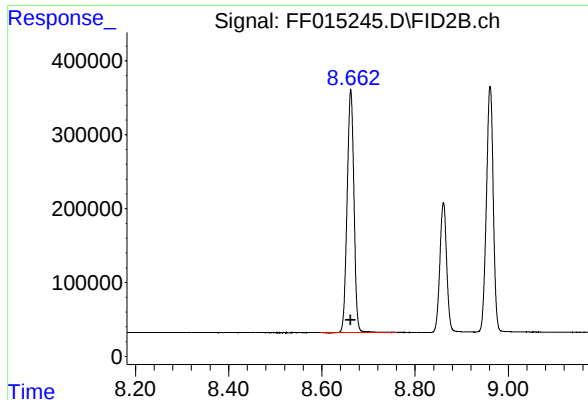
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.363 min
Delta R.T.: 0.000 min
Response: 3327557
Conc: 20.93 ug/ml



#4 2-Bromonaphthalene (SURR)

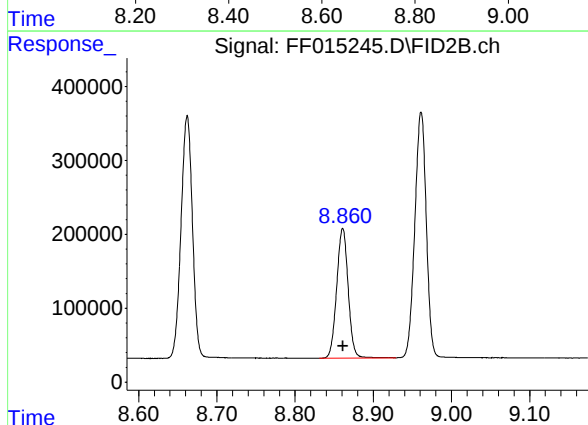
R.T.: 7.989 min
Delta R.T.: 0.000 min
Response: 2769741
Conc: 20.98 ug/ml



#5 Acenaphthylene (C15.06)

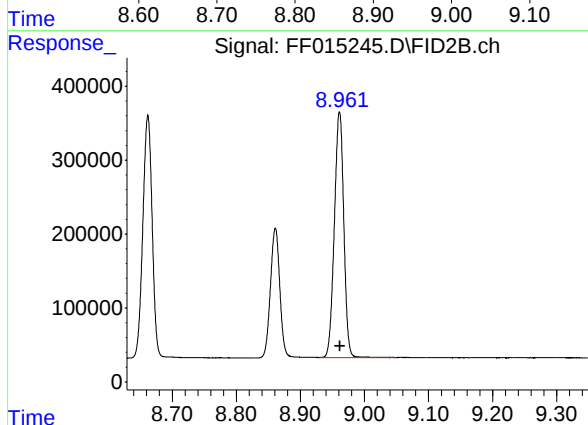
R.T.: 8.662 min
Delta R.T.: 0.000 min
Response: 3335368
Conc: 20.99 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



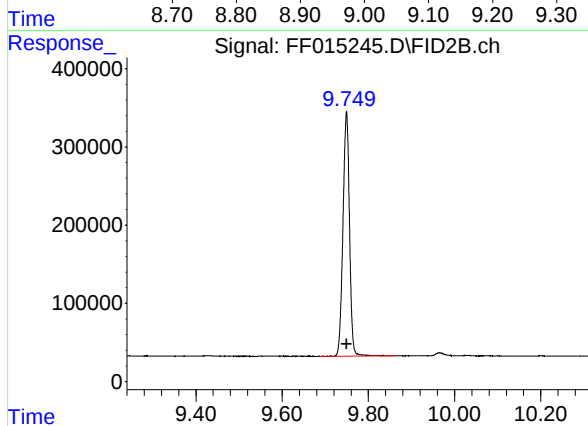
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.861 min
Delta R.T.: 0.000 min
Response: 1795801
Conc: 21.28 ug/ml



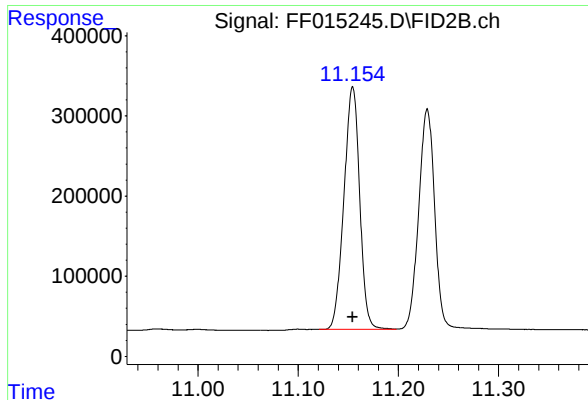
#7 Acenaphthene (C15.5)

R.T.: 8.961 min
Delta R.T.: 0.000 min
Response: 3409037
Conc: 20.91 ug/ml



#8 Fluorene (C16.55)

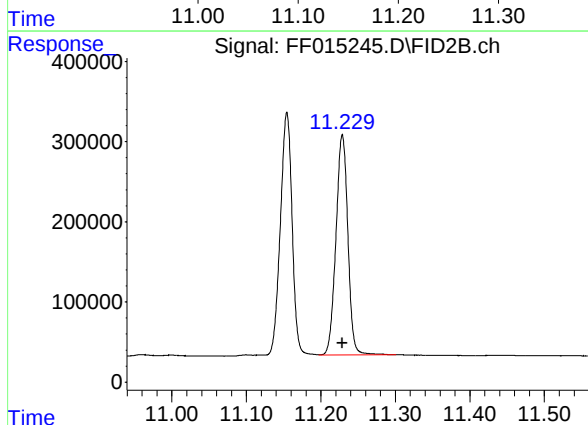
R.T.: 9.749 min
Delta R.T.: 0.000 min
Response: 3281375
Conc: 20.84 ug/ml



#9 Phenanthrene (C19.36)

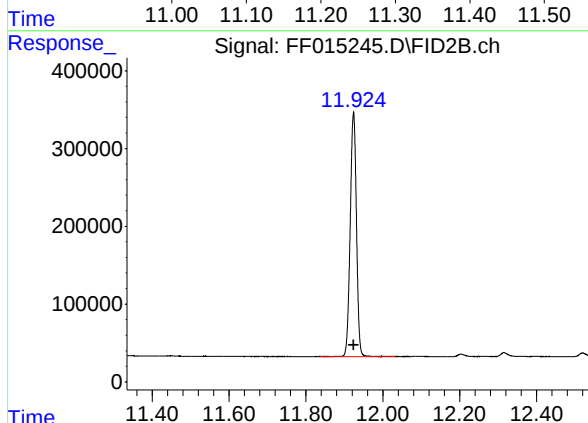
R.T.: 11.154 min
Delta R.T.: 0.000 min
Response: 3301808
Conc: 20.68 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



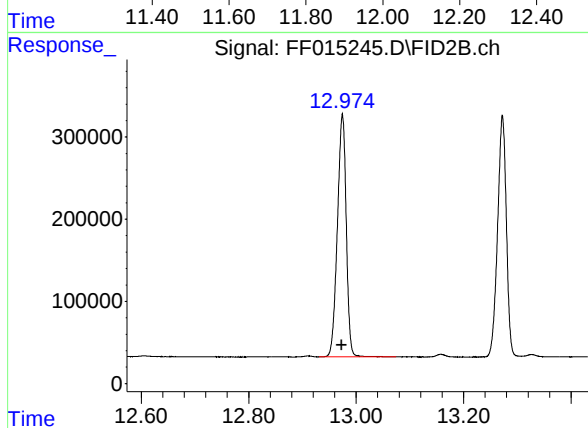
#10 Anthracene (C19.43)

R.T.: 11.229 min
Delta R.T.: 0.000 min
Response: 3046561
Conc: 20.63 ug/ml



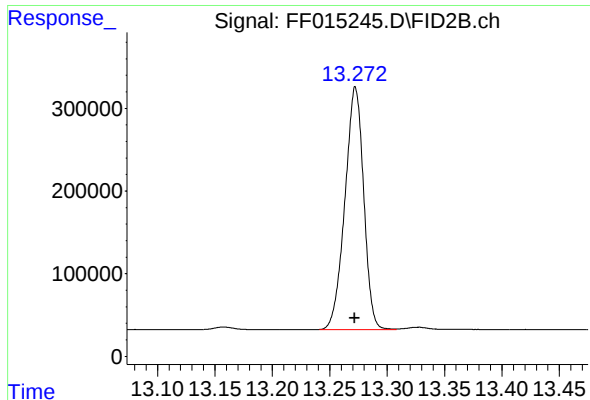
#11 ortho-Terphenyl (SURR)

R.T.: 11.924 min
Delta R.T.: 0.000 min
Response: 3535003
Conc: 20.54 ug/ml



#12 Fluoranthene (C21.85)

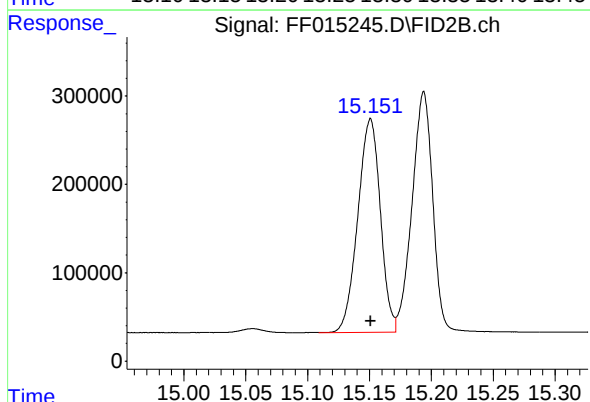
R.T.: 12.974 min
Delta R.T.: 0.000 min
Response: 3380429
Conc: 20.43 ug/ml



#13 Pyrene (C20.8)

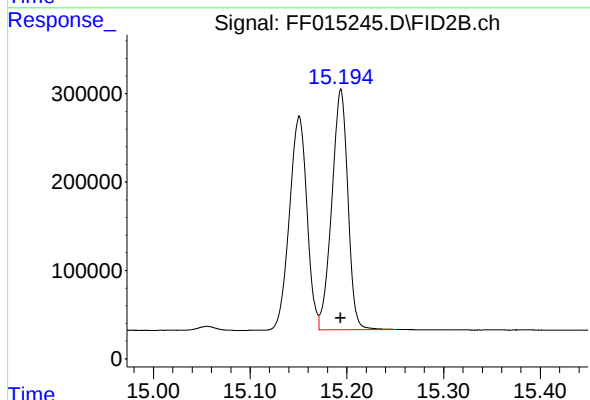
R.T.: 13.272 min
Delta R.T.: 0.000 min
Response: 3335074
Conc: 20.59 ug/ml

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20 PPM AROMATIC HC STD



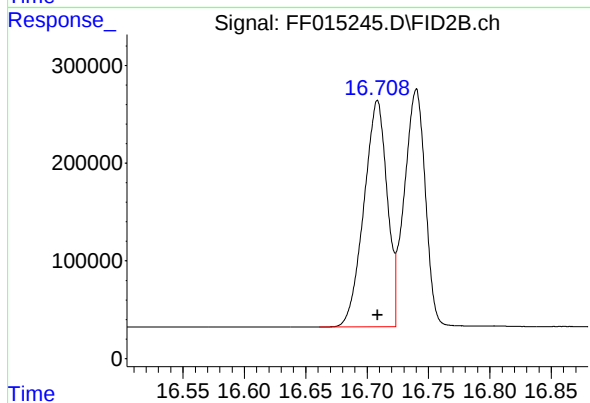
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.151 min
Delta R.T.: 0.000 min
Response: 3066942
Conc: 20.56 ug/ml



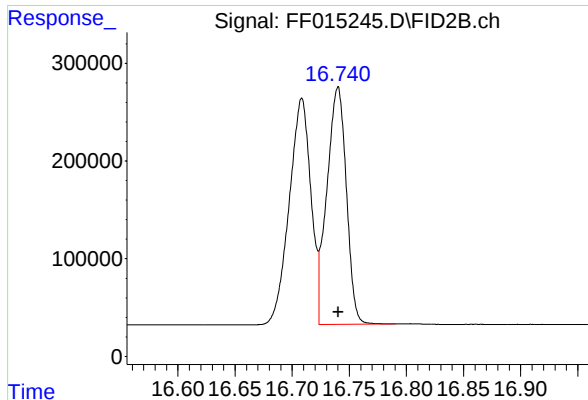
#15 Chrysene (C27.41)

R.T.: 15.194 min
Delta R.T.: 0.000 min
Response: 3162325
Conc: 20.36 ug/ml



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

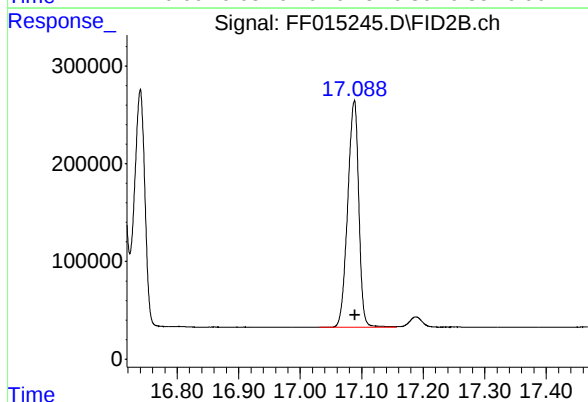
R.T.: 16.708 min
Delta R.T.: 0.000 min
Response: 3056580
Conc: 20.65 ug/ml



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

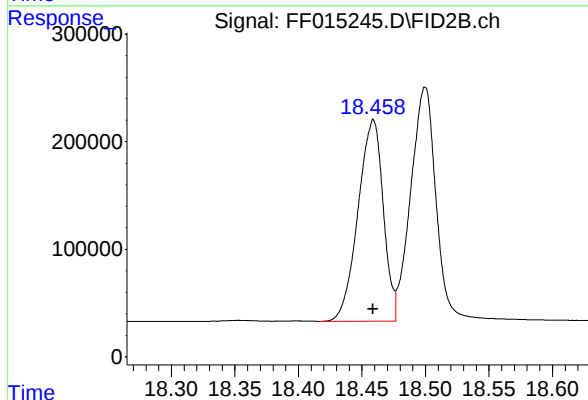
R.T.: 16.740 min
Delta R.T.: 0.000 min
Response: 2880392
Conc: 20.37 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



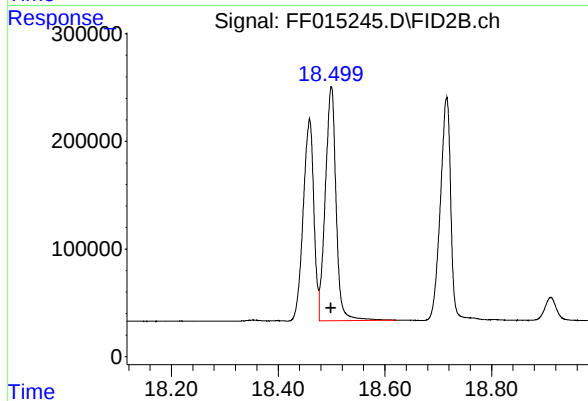
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.088 min
Delta R.T.: -0.001 min
Response: 2910824
Conc: 20.49 ug/ml



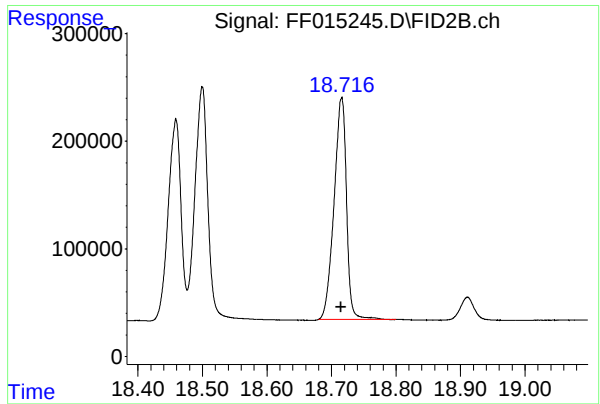
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.459 min
Delta R.T.: 0.000 min
Response: 2587168
Conc: 20.53 ug/ml



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

R.T.: 18.499 min
Delta R.T.: 0.000 min
Response: 3052310
Conc: 20.63 ug/ml



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

R.T.: 18.715 min
Delta R.T.: 0.001 min
Response: 2760579
Conc: 20.45 ug/ml

Instrument :

FID_F

ClientSampleId :

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