

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF031025AR\
 Data File : FF015645.D
 Signal(s) : FID2B.ch
 Acq On : 11 Mar 2025 01:05
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Mar 11 03:28:29 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 022625.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 26 12:36:06 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...	7.997	2441843	20.975 ug/ml
Spiked Amount 50.000		Recovery =	41.95%
6) S 2-Fluorobiphenyl (SURR)	8.876	1474667	20.702 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.40%
11) S ortho-Terphenyl (SURR)	11.932	2951270	20.063 ug/ml
Spiked Amount 50.000		Recovery =	40.13%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.604	2704187	20.947 ug/ml
2) T Naphthalene (C11.7)	6.276	2662397	20.861 ug/ml
3) T 2-Methylnaphthalene (...)	7.371	2677262	21.144 ug/ml
5) T Acenaphthylene (C15.06)	8.671	2870955	20.310 ug/ml
7) T Acenaphthene (C15.5)	8.969	2938307	20.630 ug/ml
8) T Fluorene (C16.55)	9.761	2790886	20.974 ug/ml
9) T Phenanthrene (C19.36)	11.168	2656559	20.423 ug/ml
10) T Anthracene (C19.43)	11.244	2501033	19.968 ug/ml
12) T Fluoranthene (C21.85)	12.991	2796751	19.804 ug/ml
13) T Pyrene (C20.8)	13.289	2834816	19.718 ug/ml
14) T Benzo[a]anthracene (C...	15.173	2298012	19.563 ug/ml
15) T Chrysene (C27.41)	15.215	2839491	19.011 ug/ml
16) T benzo[b]fluoranthene ...	16.735	2467646	18.947 ug/ml
17) T Bnezo[k]fluoranthene ...	16.765	2723817	18.254 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.119	2401305	18.922 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.494	1879463	18.362 ug/ml
20) T Dibenz[a,h]anthracene...	18.533	2619985	20.263 ug/ml
21) T Benzo[g,h,i]perylene ...	18.746	2361756	18.979 ug/ml

(f)=RT Delta > 1/2 Window

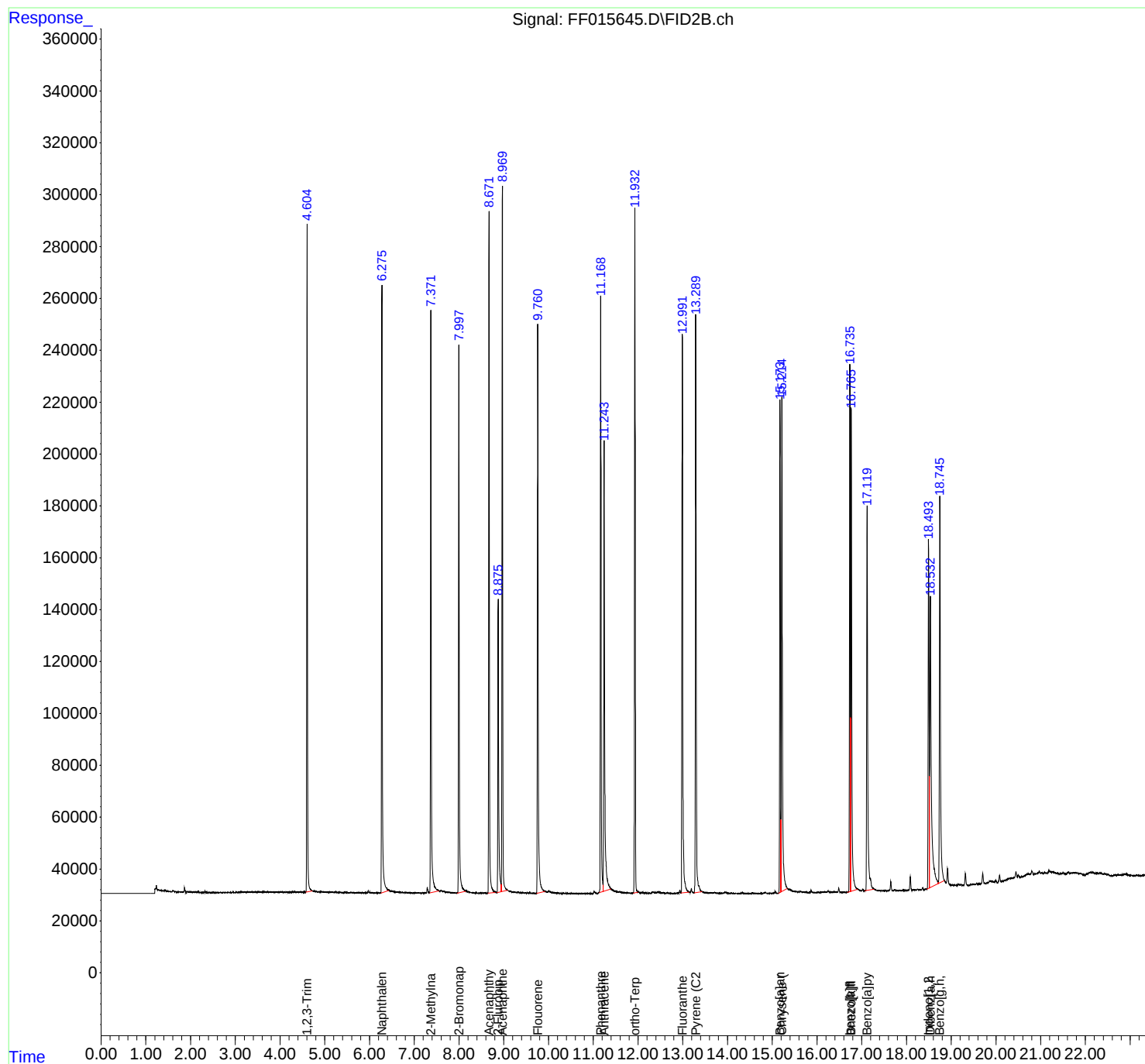
(m)=manual int.

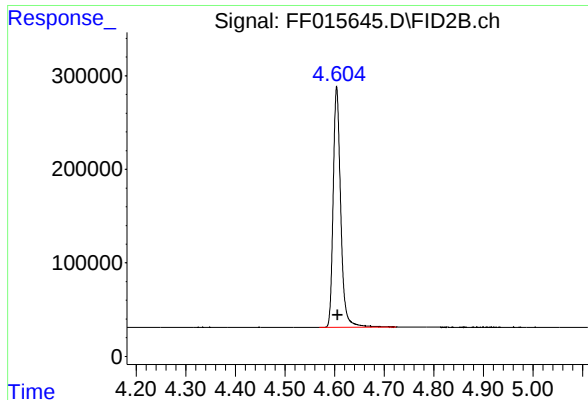
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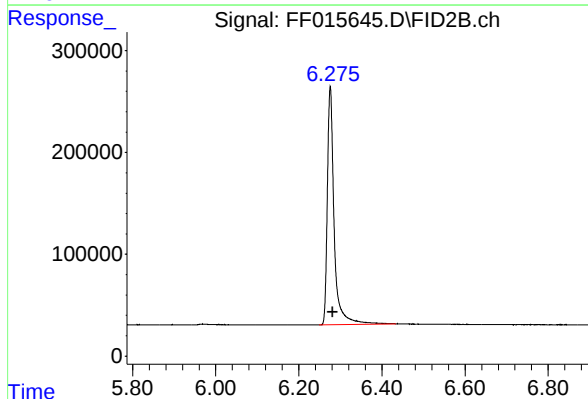




#1 1,2,3-Trimethylbenzene (C10.1)

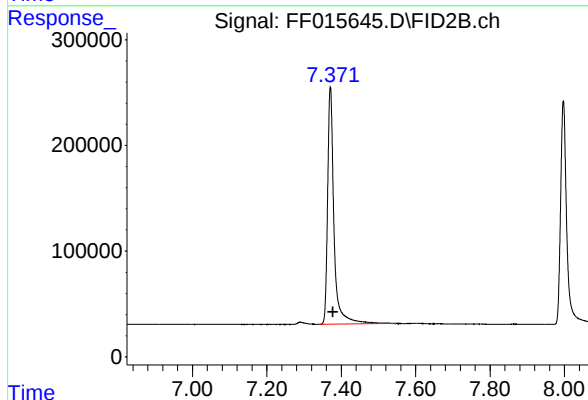
R.T.: 4.604 min
Delta R.T.: -0.002 min
Response: 2704187
Conc: 20.95 ug/ml

Instrument :
FID_F
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20 PPM AROMATIC HC STD



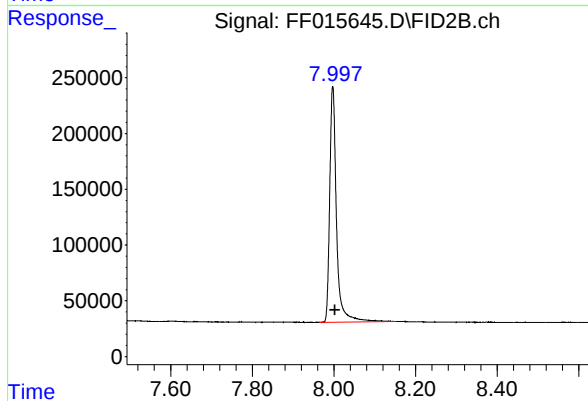
#2 Naphthalene (C11.7)

R.T.: 6.276 min
Delta R.T.: -0.005 min
Response: 2662397
Conc: 20.86 ug/ml



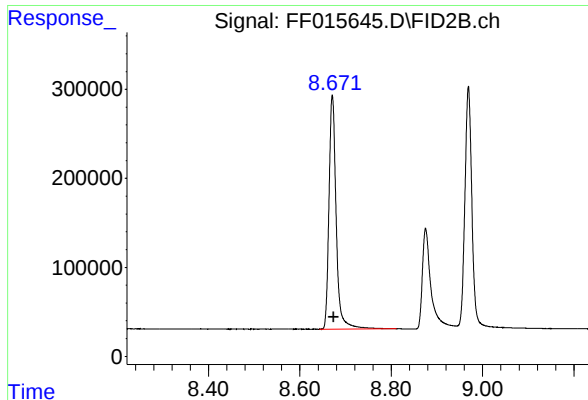
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.371 min
Delta R.T.: -0.007 min
Response: 2677262
Conc: 21.14 ug/ml



#4 2-Bromonaphthalene (SURR)

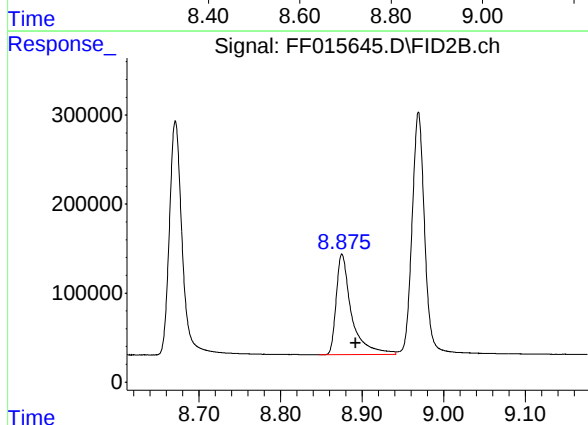
R.T.: 7.997 min
Delta R.T.: -0.006 min
Response: 2441843
Conc: 20.98 ug/ml



#5 Acenaphthylene (C15.06)

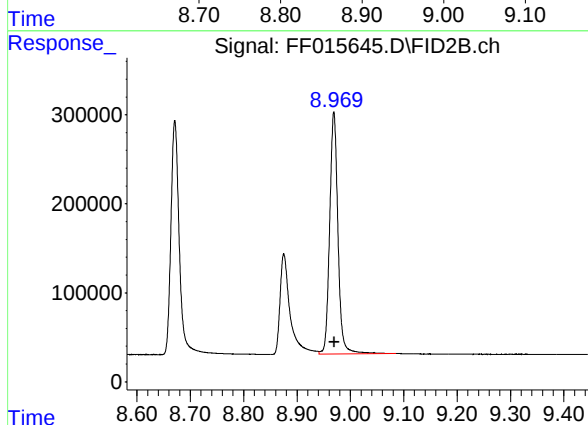
R.T.: 8.671 min
Delta R.T.: -0.003 min
Response: 2870955
Conc: 20.31 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



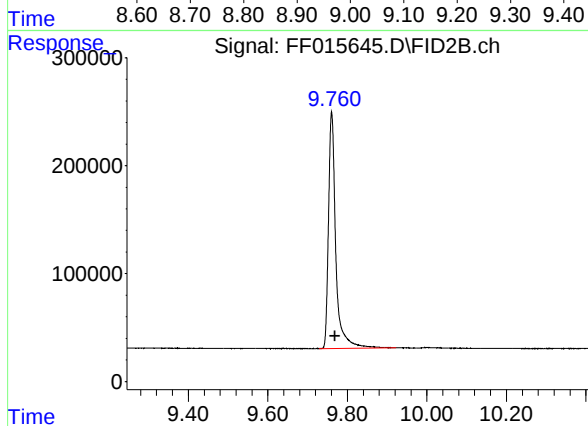
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.876 min
Delta R.T.: -0.016 min
Response: 1474667
Conc: 20.70 ug/ml



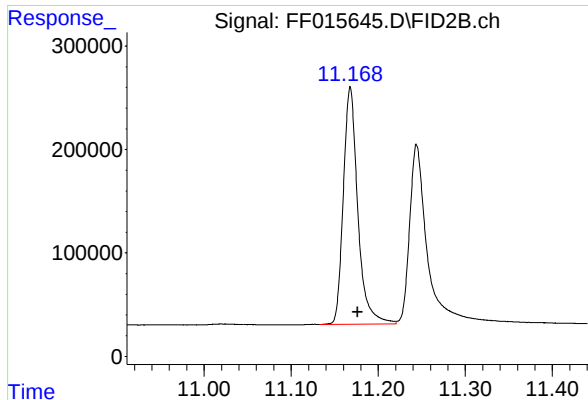
#7 Acenaphthene (C15.5)

R.T.: 8.969 min
Delta R.T.: 0.000 min
Response: 2938307
Conc: 20.63 ug/ml



#8 Flouorene (C16.55)

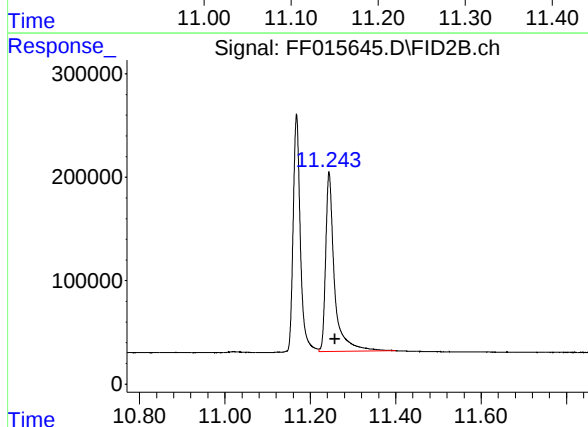
R.T.: 9.761 min
Delta R.T.: -0.008 min
Response: 2790886
Conc: 20.97 ug/ml



#9 Phenanthrene (C19.36)

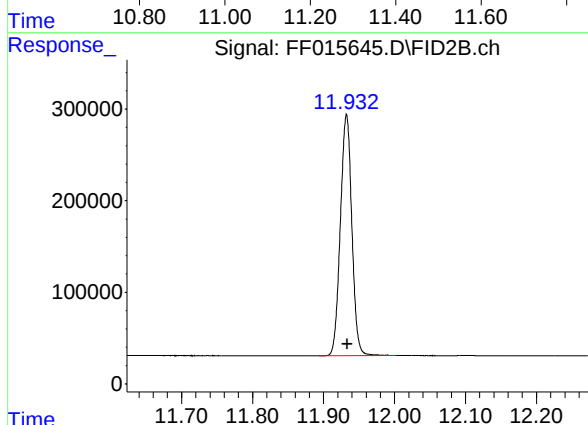
R.T.: 11.168 min
Delta R.T.: -0.008 min
Response: 2656559
Conc: 20.42 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



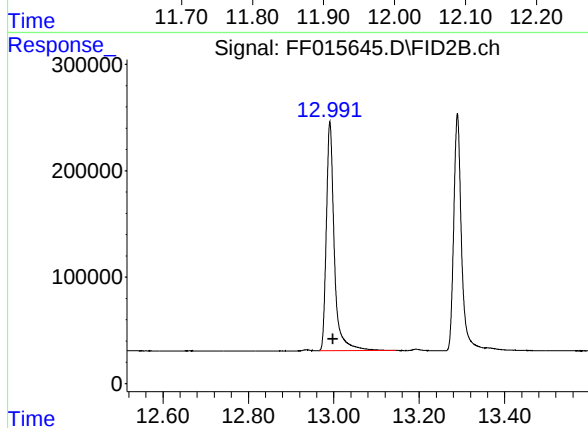
#10 Anthracene (C19.43)

R.T.: 11.244 min
Delta R.T.: -0.014 min
Response: 2501033
Conc: 19.97 ug/ml



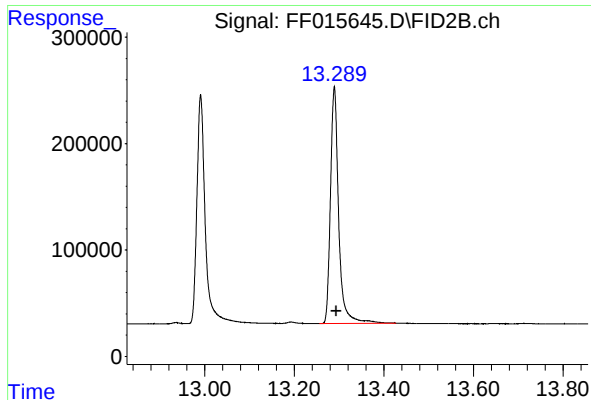
#11 ortho-Terphenyl (SURRE)

R.T.: 11.932 min
Delta R.T.: -0.001 min
Response: 2951270
Conc: 20.06 ug/ml



#12 Fluoranthene (C21.85)

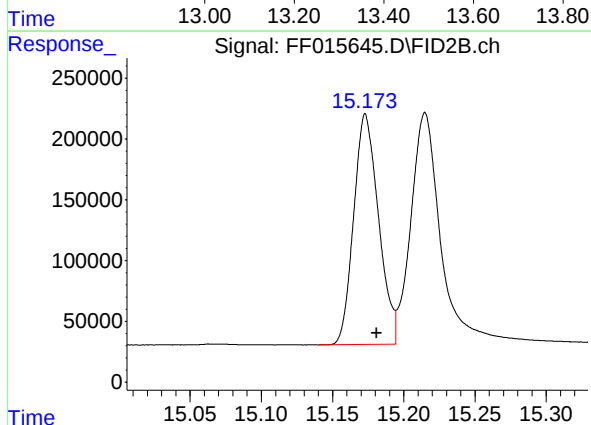
R.T.: 12.991 min
Delta R.T.: -0.007 min
Response: 2796751
Conc: 19.80 ug/ml



#13 Pyrene (C20.8)

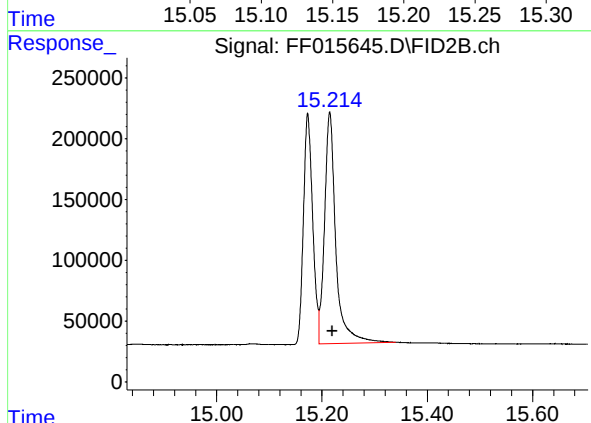
R.T.: 13.289 min
Delta R.T.: -0.004 min
Response: 2834816
Conc: 19.72 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



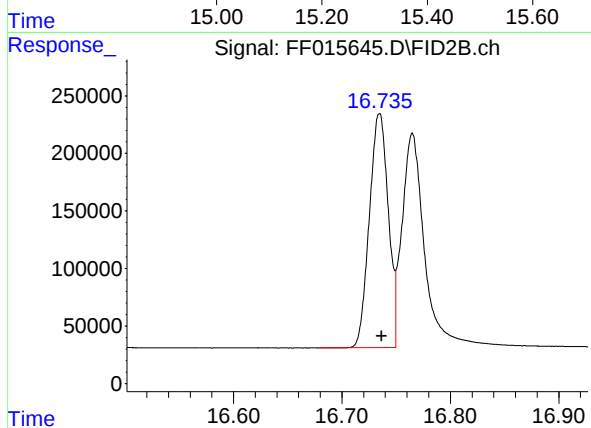
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.173 min
Delta R.T.: -0.008 min
Response: 2298012
Conc: 19.56 ug/ml



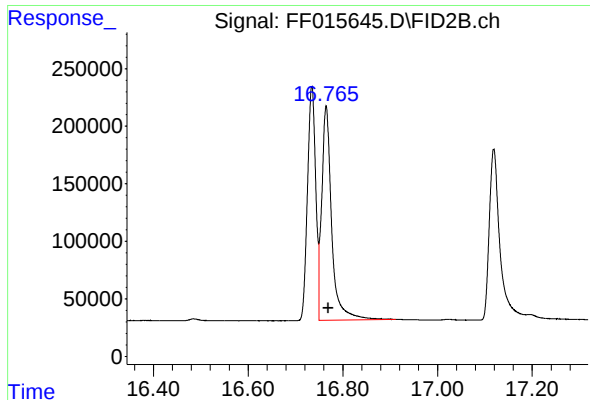
#15 Chrysene (C27.41)

R.T.: 15.215 min
Delta R.T.: -0.005 min
Response: 2839491
Conc: 19.01 ug/ml



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

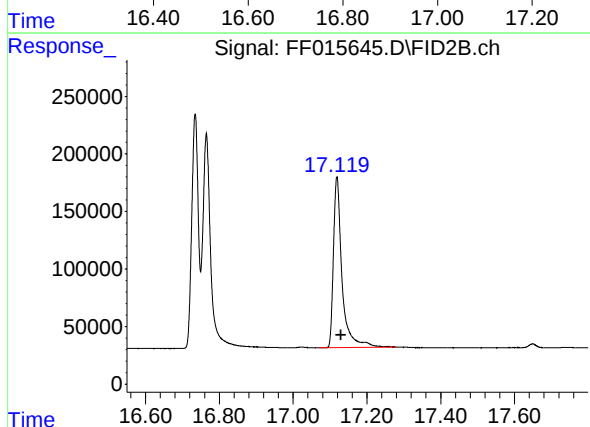
R.T.: 16.735 min
Delta R.T.: -0.002 min
Response: 2467646
Conc: 18.95 ug/ml



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

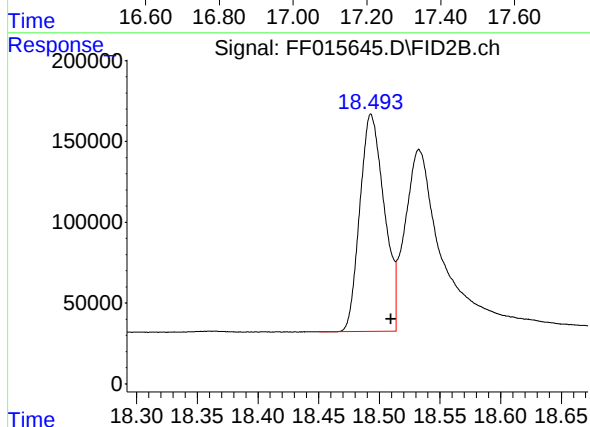
R.T.: 16.765 min
Delta R.T.: -0.005 min
Response: 2723817
Conc: 18.25 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



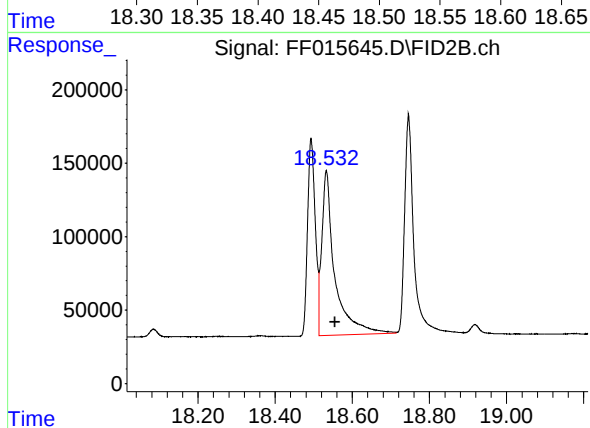
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.119 min
Delta R.T.: -0.011 min
Response: 2401305
Conc: 18.92 ug/ml



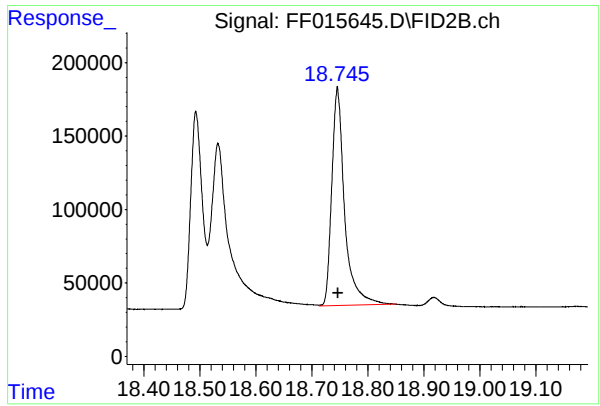
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.494 min
Delta R.T.: -0.016 min
Response: 1879463
Conc: 18.36 ug/ml



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

R.T.: 18.533 min
Delta R.T.: -0.022 min
Response: 2619985
Conc: 20.26 ug/ml



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

R.T.: 18.746 min
Delta R.T.: -0.001 min
Response: 2361756
Conc: 18.98 ug/ml

Instrument :

FID_F

ClientSampleId :

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