

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF031025AR\
 Data File : FF015628.D
 Signal(s) : FID2B.ch
 Acq On : 10 Mar 2025 13:29
 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 03:21:21 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...	7.998	2426913	20.847 ug/ml
Spiked Amount 50.000		Recovery =	41.69%
6) S 2-Fluorobiphenyl (SURR)	8.878	1415882	19.877 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.75%
11) S ortho-Terphenyl (SURR)	11.932	2934033	19.945 ug/ml
Spiked Amount 50.000		Recovery =	39.89%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.605	2691847	20.851 ug/ml
2) T Naphthalene (C11.7)	6.277	2611666	20.463 ug/ml
3) T 2-Methylnaphthalene (...)	7.372	2619326	20.687 ug/ml
5) T Acenaphthylene (C15.06)	8.672	2842823	20.111 ug/ml
7) T Acenaphthene (C15.5)	8.969	2961970	20.796 ug/ml
8) T Fluorene (C16.55)	9.762	2744349	20.625 ug/ml
9) T Phenanthrene (C19.36)	11.169	2594085	19.943 ug/ml
10) T Anthracene (C19.43)	11.246	2387008	19.058 ug/ml
12) T Fluoranthene (C21.85)	12.992	2742366	19.419 ug/ml
13) T Pyrene (C20.8)	13.290	2788394	19.395 ug/ml
14) T Benzo[a]anthracene (C...	15.174	2037992	17.350 ug/ml
15) T Chrysene (C27.41)	15.215	2725037	18.244 ug/ml
16) T benzo[b]fluoranthene ...	16.735	2327996	17.875 ug/ml
17) T Bnezo[k]fluoranthene ...	16.765	2717637	18.213 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.120	2295488	18.088 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.496	1676114	16.375 ug/ml
20) T Dibenz[a,h]anthracene...	18.536	2376385	18.379 ug/ml
21) T Benzo[g,h,i]perylene ...	18.745	2254398	18.116 ug/ml

(f)=RT Delta > 1/2 Window

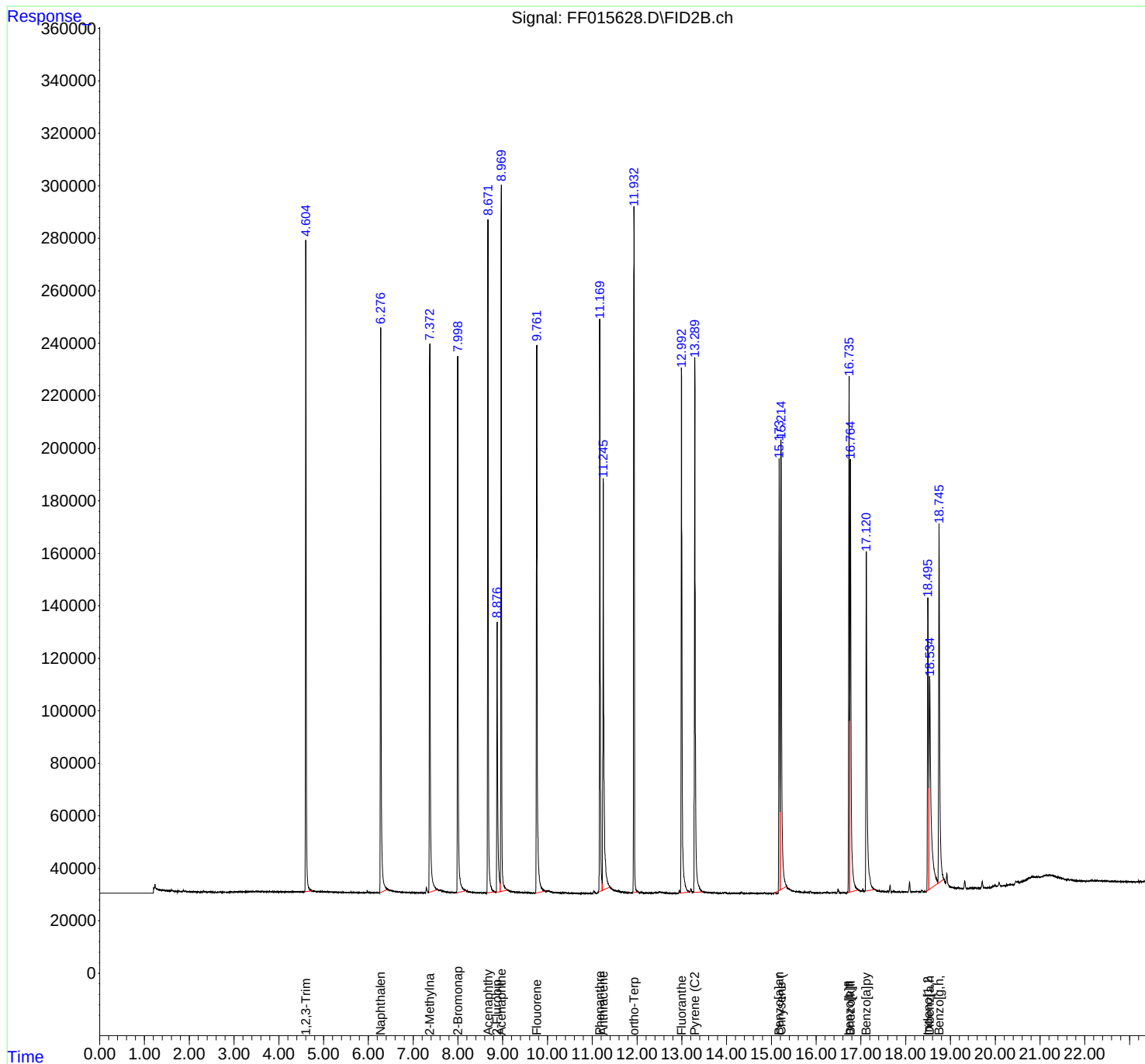
(m)=manual int.

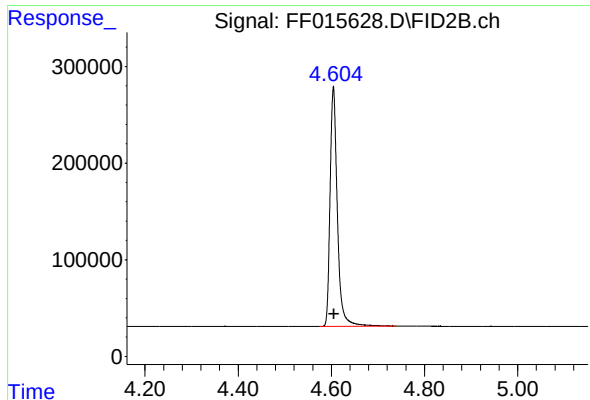
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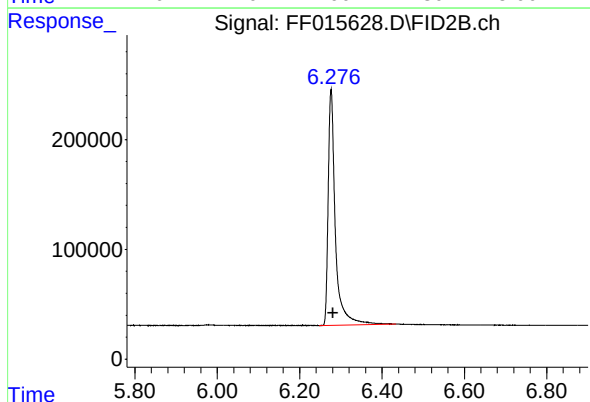




#1 1,2,3-Trimethylbenzene (C10.1)

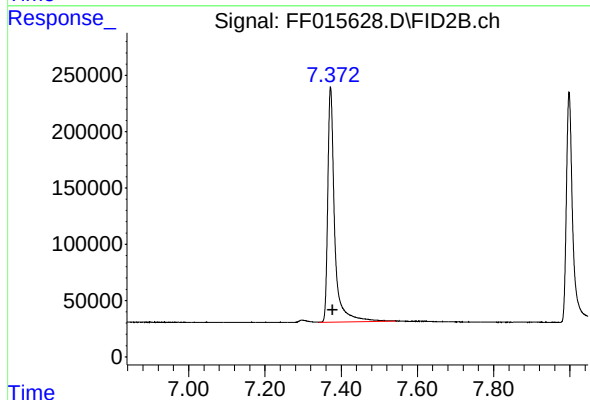
R.T.: 4.605 min
Delta R.T.: -0.001 min
Response: 2691847
Conc: 20.85 ug/ml

Instrument :
FID_F
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20 PPM AROMATIC HC STD



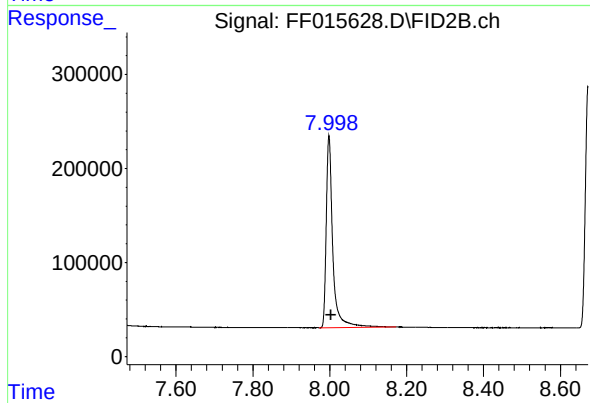
#2 Naphthalene (C11.7)

R.T.: 6.277 min
Delta R.T.: -0.004 min
Response: 2611666
Conc: 20.46 ug/ml



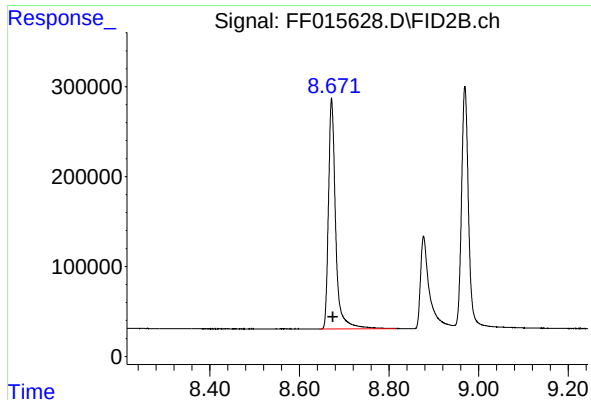
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.372 min
Delta R.T.: -0.005 min
Response: 2619326
Conc: 20.69 ug/ml



#4 2-Bromonaphthalene (SURR)

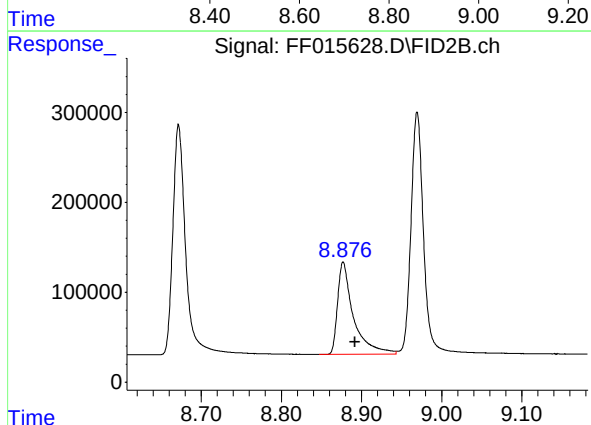
R.T.: 7.998 min
Delta R.T.: -0.005 min
Response: 2426913
Conc: 20.85 ug/ml



#5 Acenaphthylene (C15.06)

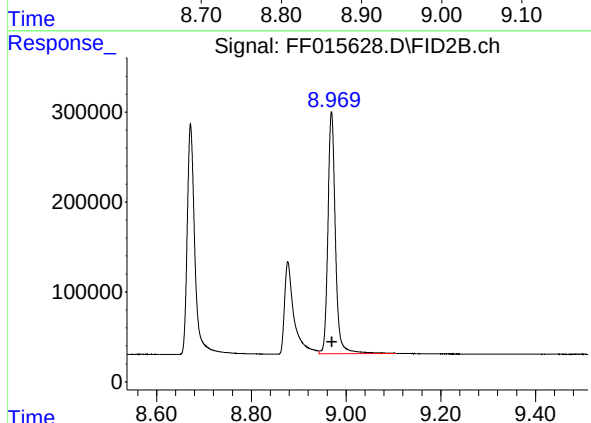
R.T.: 8.672 min
Delta R.T.: -0.002 min
Response: 2842823
Conc: 20.11 ug/ml

Instrument :
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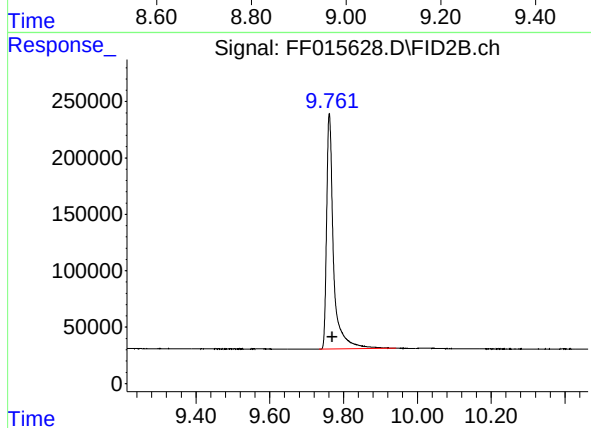
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.878 min
Delta R.T.: -0.014 min
Response: 1415882
Conc: 19.88 ug/ml



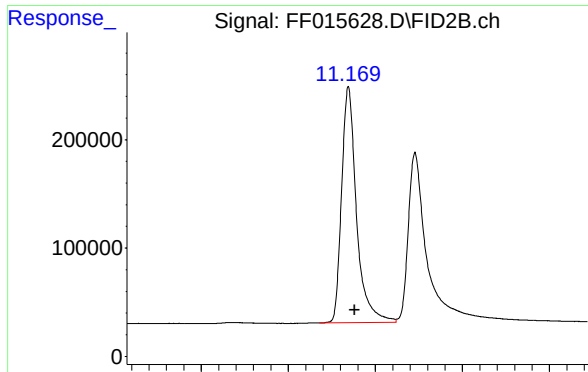
#7 Acenaphthene (C15.5)

R.T.: 8.969 min
Delta R.T.: 0.000 min
Response: 2961970
Conc: 20.80 ug/ml



#8 Fluorene (C16.55)

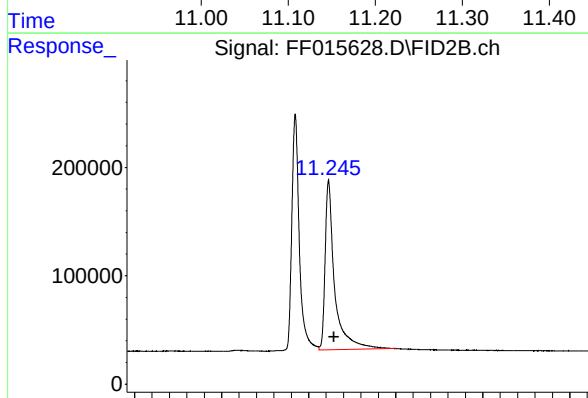
R.T.: 9.762 min
Delta R.T.: -0.007 min
Response: 2744349
Conc: 20.62 ug/ml



#9 Phenanthrene (C19.36)

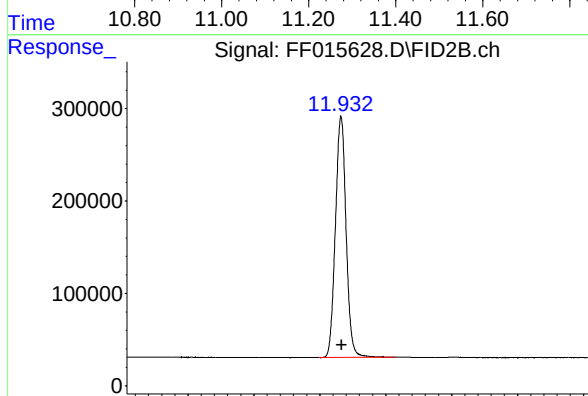
R.T.: 11.169 min
Delta R.T.: -0.007 min
Response: 2594085
Conc: 19.94 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



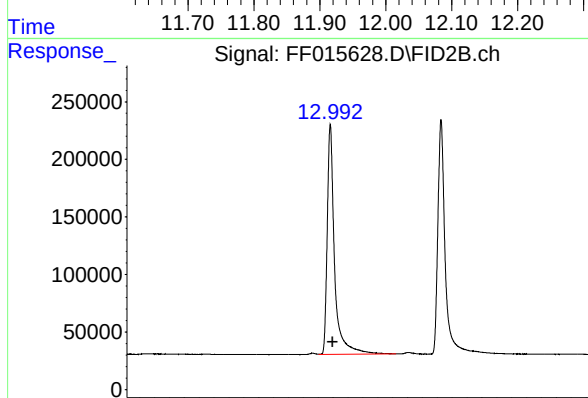
#10 Anthracene (C19.43)

R.T.: 11.246 min
Delta R.T.: -0.012 min
Response: 2387008
Conc: 19.06 ug/ml



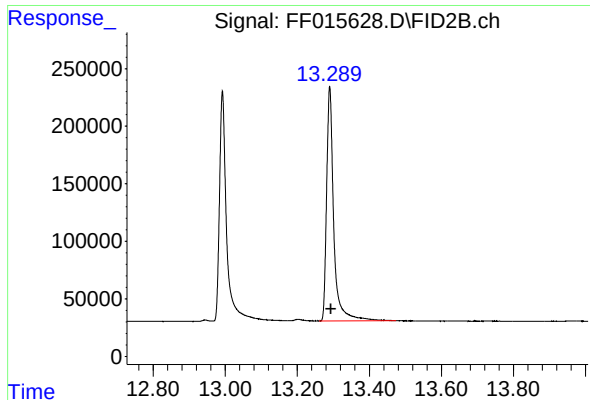
#11 ortho-Terphenyl (SURR)

R.T.: 11.932 min
Delta R.T.: -0.001 min
Response: 2934033
Conc: 19.95 ug/ml



#12 Fluoranthene (C21.85)

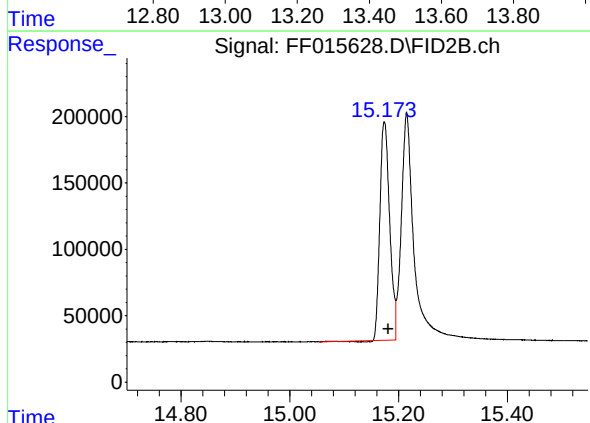
R.T.: 12.992 min
Delta R.T.: -0.006 min
Response: 2742366
Conc: 19.42 ug/ml



#13 Pyrene (C20.8)

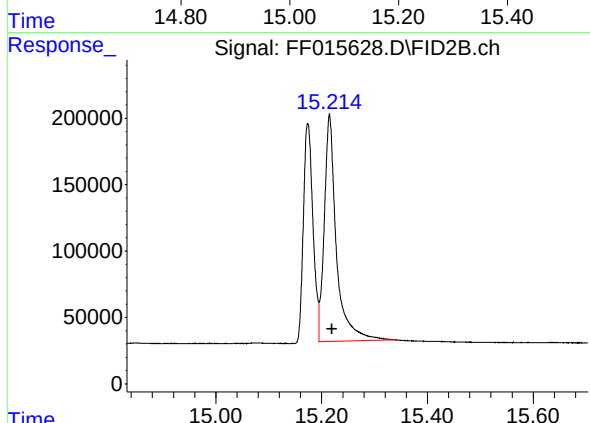
R.T.: 13.290 min
Delta R.T.: -0.004 min
Response: 2788394
Conc: 19.40 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



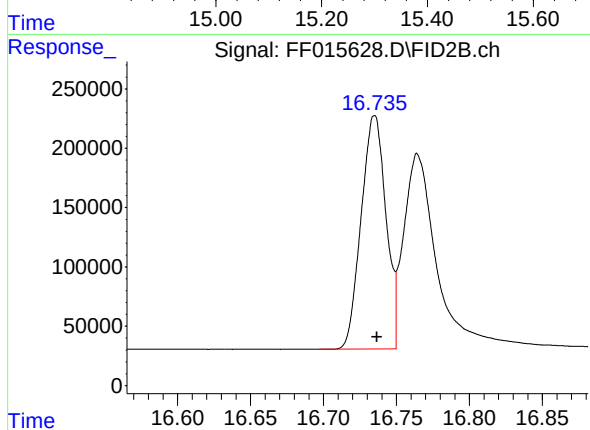
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.174 min
Delta R.T.: -0.007 min
Response: 2037992
Conc: 17.35 ug/ml



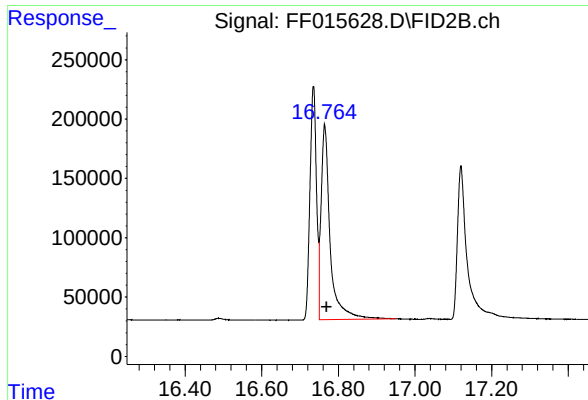
#15 Chrysene (C27.41)

R.T.: 15.215 min
Delta R.T.: -0.004 min
Response: 2725037
Conc: 18.24 ug/ml



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

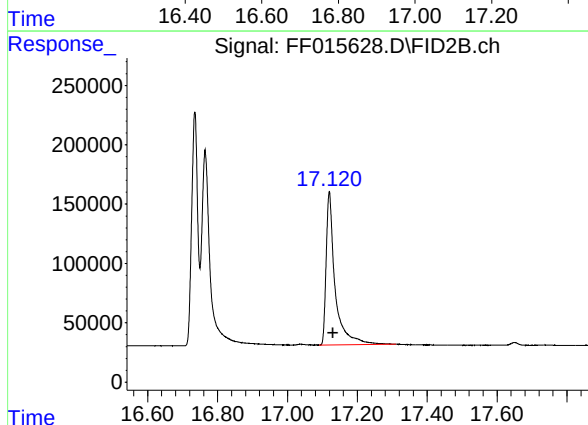
R.T.: 16.735 min
Delta R.T.: -0.002 min
Response: 2327996
Conc: 17.87 ug/ml



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

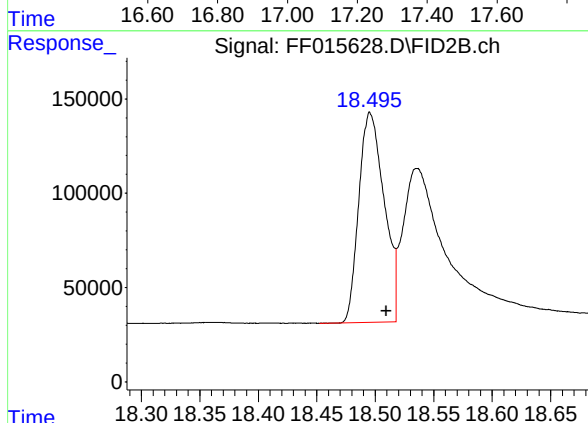
R.T.: 16.765 min
Delta R.T.: -0.005 min
Response: 2717637
Conc: 18.21 ug/ml

Instrument :
FID_F
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20 PPM AROMATIC HC STD



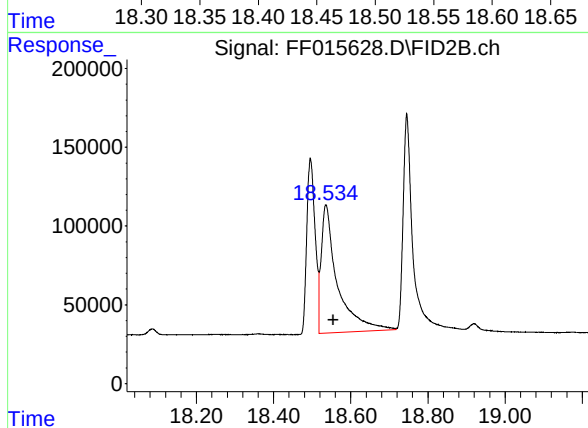
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.120 min
Delta R.T.: -0.010 min
Response: 2295488
Conc: 18.09 ug/ml



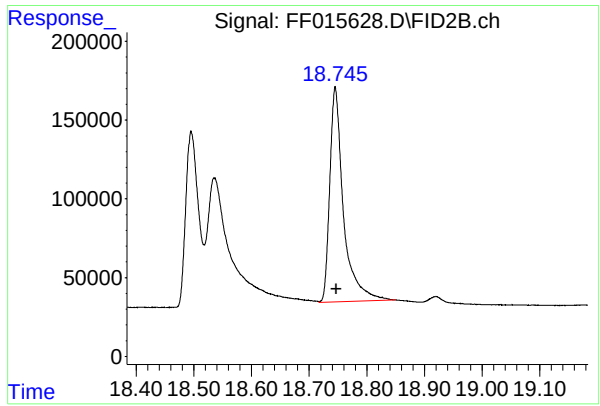
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.496 min
Delta R.T.: -0.014 min
Response: 1676114
Conc: 16.38 ug/ml



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

R.T.: 18.536 min
Delta R.T.: -0.019 min
Response: 2376385
Conc: 18.38 ug/ml



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

R.T.: 18.745 min
Delta R.T.: -0.002 min
Response: 2254398
Conc: 18.12 ug/ml

Instrument :

FID_F

ClientSampleId :

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