

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF052224AR\
 Data File : FF014262.D
 Signal(s) : FID2B.ch
 Acq On : 22 May 2024 09:57
 Operator : YP\AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 50 PPM AROMATIC HC STD2

Integration File: autoint1.e
 Quant Time: May 22 12:00:22 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 052224.M
 Quant Title : GC Extractables
 QLast Update : Wed May 22 12:00:14 2024
 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...	7.902	5098431	44.770 ug/ml
Spiked Amount 50.000		Recovery =	89.54%
6) S 2-Fluorobiphenyl (SURR)	8.773	3097850	46.223 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	92.45%
11) S ortho-Terphenyl (SURR)	11.837	6278905	44.438 ug/ml
Spiked Amount 50.000		Recovery =	88.88%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.516	5990237	44.353 ug/ml
2) T Naphthalene (C11.7)	6.180	6016480	44.758 ug/ml
3) T 2-Methylnaphthalene (...)	7.275	5559529	45.827 ug/ml
5) T Acenaphthylene (C15.06)	8.574	5967020	45.269 ug/ml
7) T Acenaphthene (C15.5)	8.874	6216892	44.792 ug/ml
8) T Flouorene (C16.55)	9.660	4780502	47.123 ug/ml
9) T Phenanthrene (C19.36)	11.065	4934924	47.317 ug/ml
10) T Anthracene (C19.43)	11.139	4549173	49.791 ug/ml
12) T Fluoranthene (C21.85)	12.885	5513649	45.959 ug/ml
13) T Pyrene (C20.8)	13.184	5488566	45.070 ug/ml
14) T Benzo[a]anthracene (C...	15.060	2811232	50.268 ug/ml
15) T Chrysene (C27.41)	15.102	3853628	47.844 ug/ml
16) T benzo[b]fluoranthene ...	16.622	5072713	46.576 ug/ml
17) T Bnezo[k]fluoranthene ...	16.654	4587222	46.589 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.001	4524743	47.273 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.373	3737599	46.733 ug/ml
20) T Dibenz[a,h]anthracene...	18.408	2857831	48.381 ug/ml
21) T Benzo[g,h,i]perylene ...	18.630	5778670	45.629 ug/ml

(f)=RT Delta > 1/2 Window

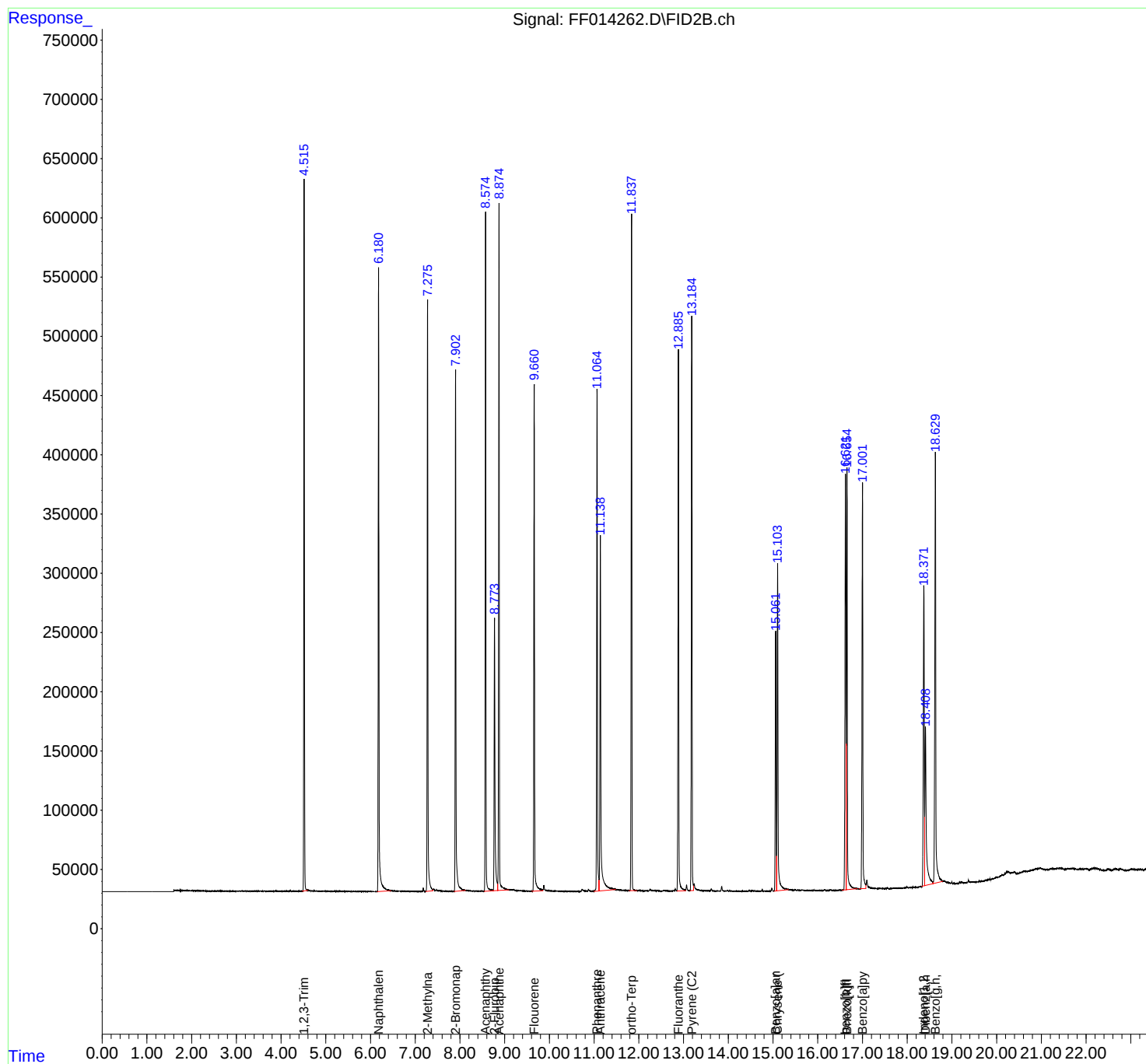
(m)=manual int.

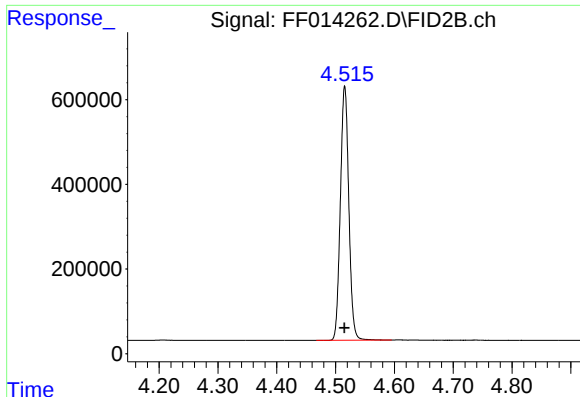
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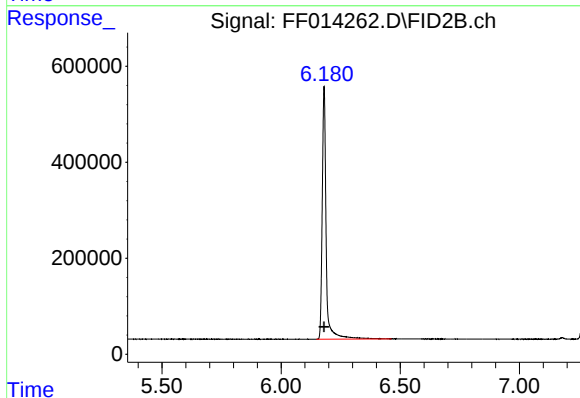




#1 1,2,3-Trimethylbenzene (C10.1)

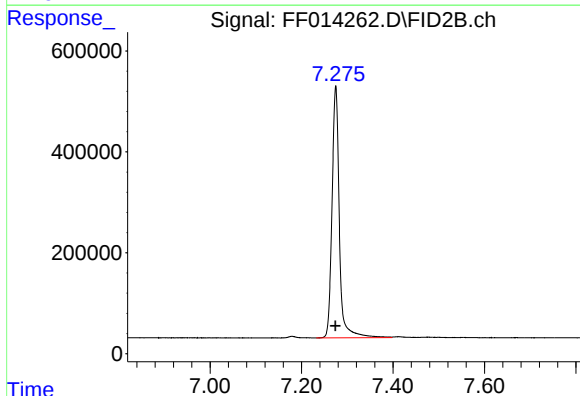
R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 5990237
Conc: 44.35 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM AROMATIC HC STD2



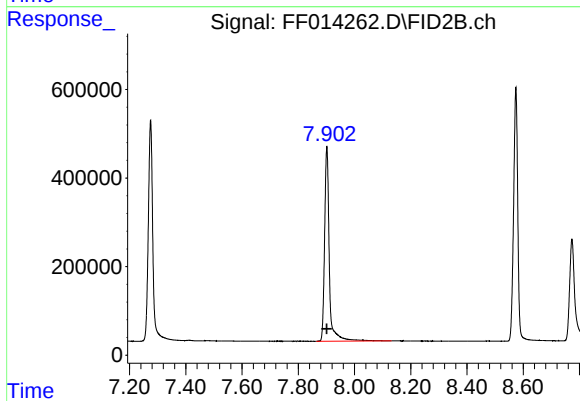
#2 Naphthalene (C11.7)

R.T.: 6.180 min
Delta R.T.: 0.000 min
Response: 6016480
Conc: 44.76 ug/ml



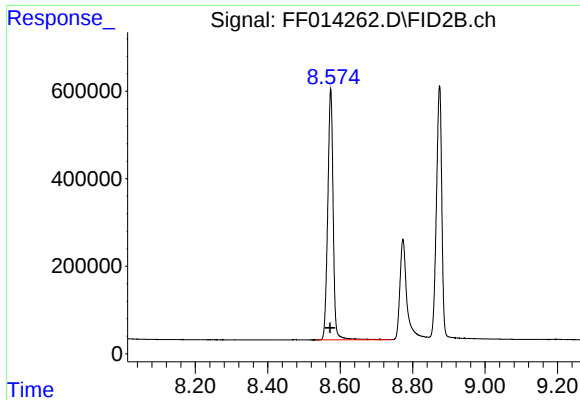
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.275 min
Delta R.T.: 0.001 min
Response: 5559529
Conc: 45.83 ug/ml



#4 2-Bromonaphthalene (SURR)

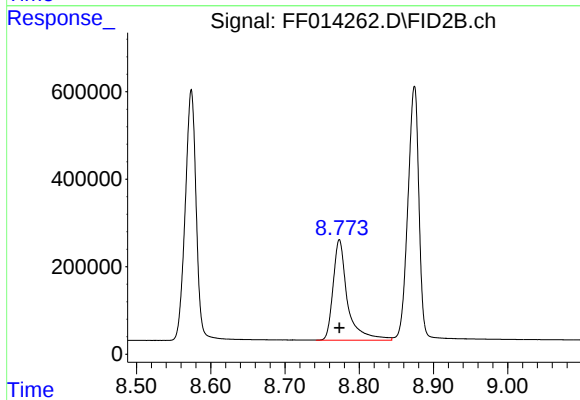
R.T.: 7.902 min
Delta R.T.: 0.000 min
Response: 5098431
Conc: 44.77 ug/ml



#5 Acenaphthylene (C15.06)

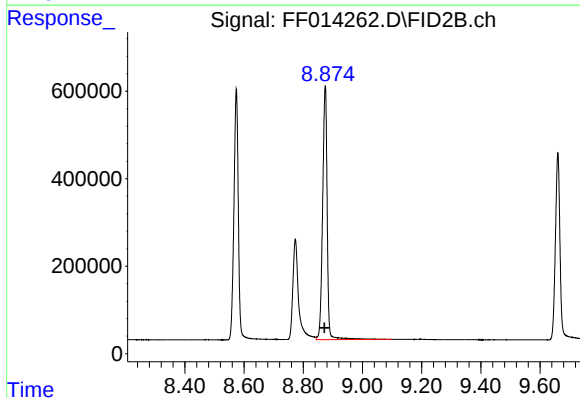
R.T.: 8.574 min
Delta R.T.: 0.002 min
Response: 5967020
Conc: 45.27 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM AROMATIC HC STD2



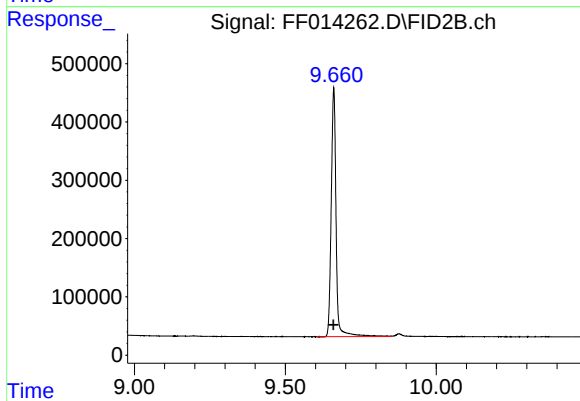
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.773 min
Delta R.T.: 0.000 min
Response: 3097850
Conc: 46.22 ug/ml



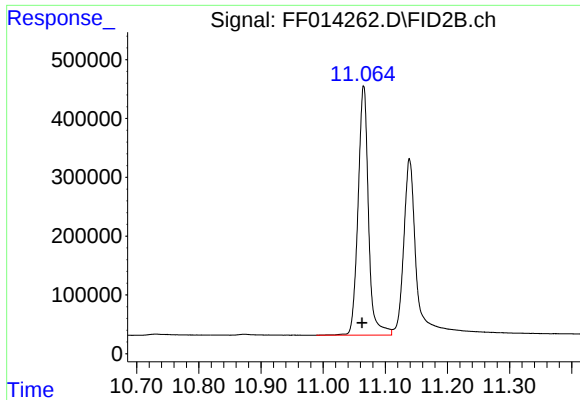
#7 Acenaphthene (C15.5)

R.T.: 8.874 min
Delta R.T.: 0.003 min
Response: 6216892
Conc: 44.79 ug/ml



#8 Flouorene (C16.55)

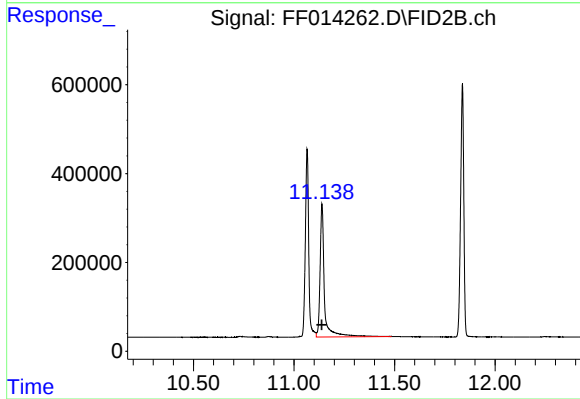
R.T.: 9.660 min
Delta R.T.: 0.001 min
Response: 4780502
Conc: 47.12 ug/ml



#9 Phenanthrene (C19.36)

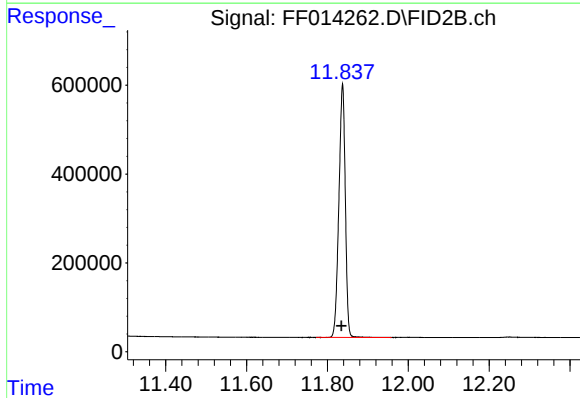
R.T.: 11.065 min
Delta R.T.: 0.002 min
Response: 4934924
Conc: 47.32 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM AROMATIC HC STD2



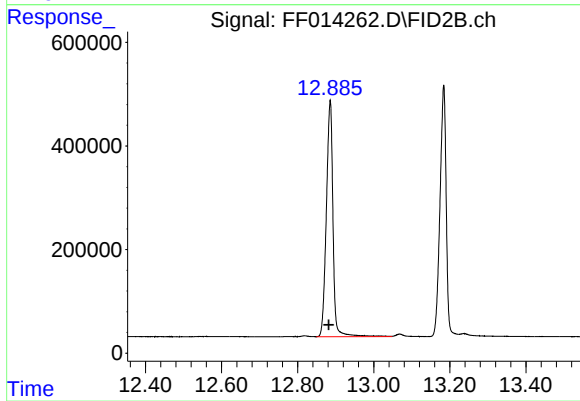
#10 Anthracene (C19.43)

R.T.: 11.139 min
Delta R.T.: 0.001 min
Response: 4549173
Conc: 49.79 ug/ml



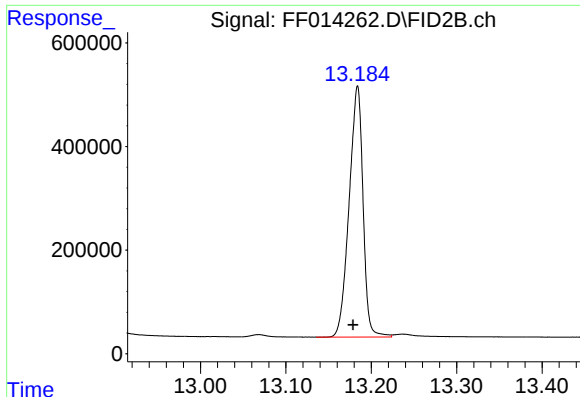
#11 ortho-Terphenyl (SURR)

R.T.: 11.837 min
Delta R.T.: 0.003 min
Response: 6278905
Conc: 44.44 ug/ml



#12 Fluoranthene (C21.85)

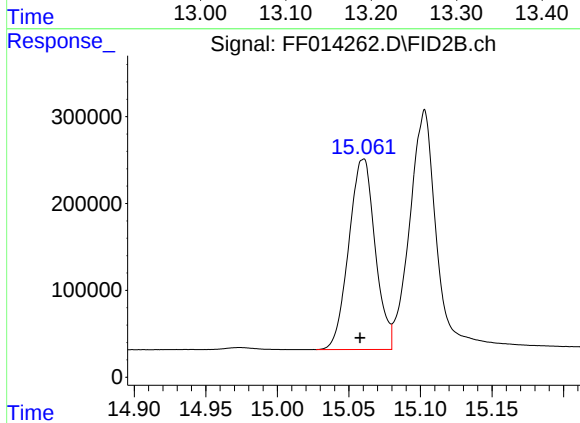
R.T.: 12.885 min
Delta R.T.: 0.004 min
Response: 5513649
Conc: 45.96 ug/ml



#13 Pyrene (C20.8)

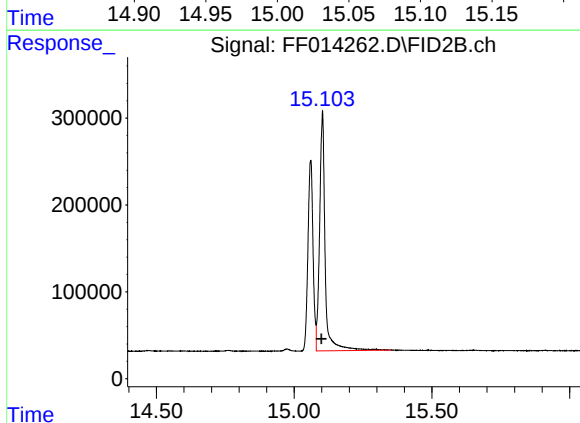
R.T.: 13.184 min
Delta R.T.: 0.005 min
Response: 5488566
Conc: 45.07 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM AROMATIC HC STD2



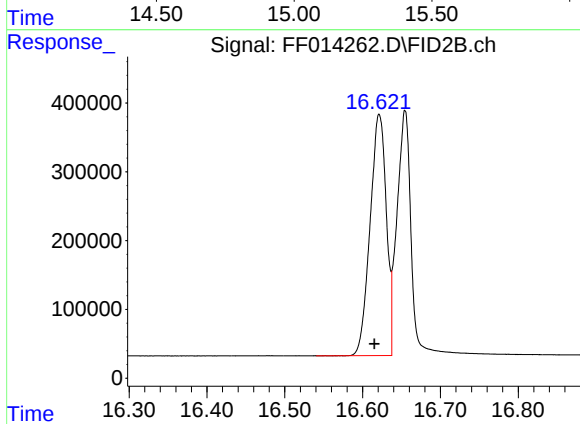
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.060 min
Delta R.T.: 0.002 min
Response: 2811232
Conc: 50.27 ug/ml



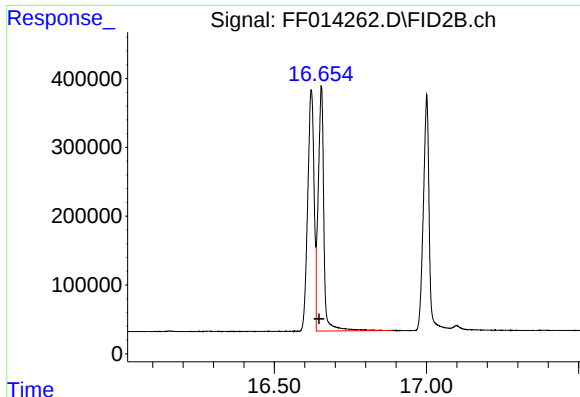
#15 Chrysene (C27.41)

R.T.: 15.102 min
Delta R.T.: 0.004 min
Response: 3853628
Conc: 47.84 ug/ml



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

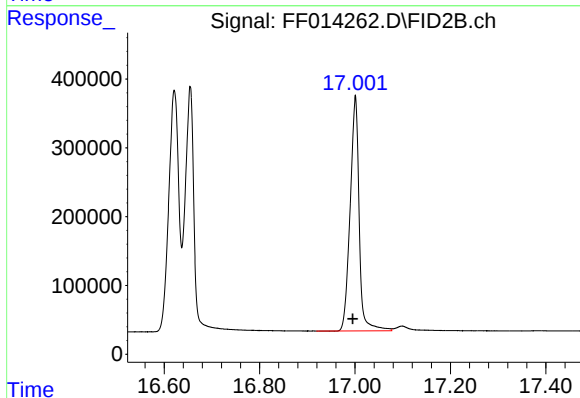
R.T.: 16.622 min
Delta R.T.: 0.006 min
Response: 5072713
Conc: 46.58 ug/ml



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

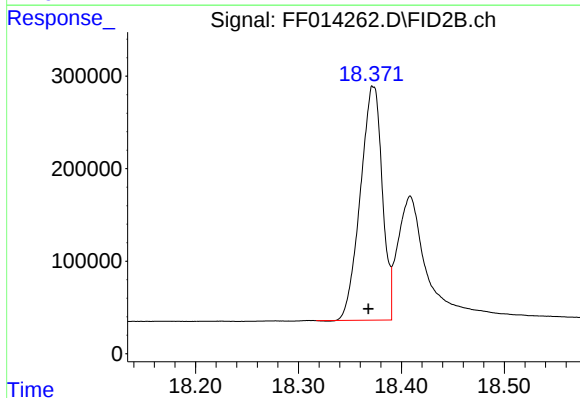
R.T.: 16.654 min
Delta R.T.: 0.008 min
Response: 4587222
Conc: 46.59 ug/ml

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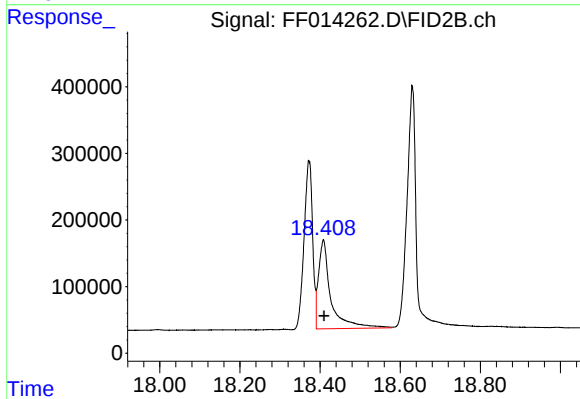
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.001 min
Delta R.T.: 0.006 min
Response: 4524743
Conc: 47.27 ug/ml



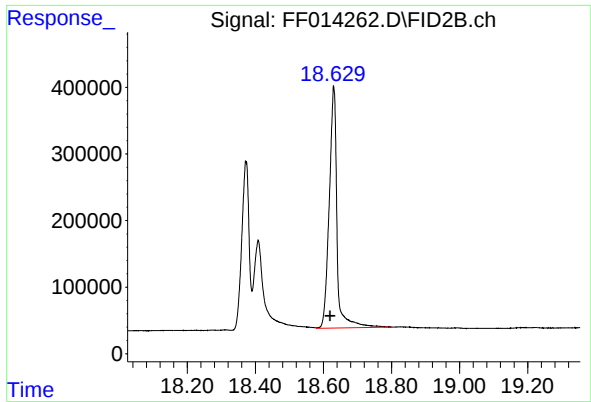
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.373 min
Delta R.T.: 0.005 min
Response: 3737599
Conc: 46.73 ug/ml



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

R.T.: 18.408 min
Delta R.T.: -0.002 min
Response: 2857831
Conc: 48.38 ug/ml



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

R.T.: 18.630 min
Delta R.T.: 0.011 min
Response: 5778670
Conc: 45.63 ug/ml

Instrument :
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