

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050823AR\
 Data File : FD045625.D
 Signal(s) : FID2B.ch
 Acq On : 08 May 2023 18:12
 Operator : YP/AJ
 Sample : PB152631BSD
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB152631BSD

Integration File: autoint1.e
 Quant Time: May 09 03:43:05 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050523.M
 Quant Title : GC Extractables
 QLast Update : Fri May 05 18:09:33 2023
 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...	7.543	6528135	38.272 ug/ml
Spiked Amount 50.000		Recovery =	76.54%
6) S 2-Fluorobiphenyl (SURR)	8.399	3864829	33.615 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	67.23%
11) S ortho-Terphenyl (SURR)	11.440	6838744	32.393 ug/ml
Spiked Amount 50.000		Recovery =	64.79%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.351	4345274	23.278 ug/ml
2) T Naphthalene (C11.7)	5.881	5164916	26.258 ug/ml
3) T 2-Methylnaphthalene (...)	6.931	5343918	27.052 ug/ml
5) T Acenaphthylene (C15.06)	8.204	6179858	34.397 ug/ml
7) T Acenaphthene (C15.5)	8.499	6457425	33.933 ug/ml
8) T Fluorene (C16.55)	9.278	6653382	35.279 ug/ml
9) T Phenanthrene (C19.36)	10.670	6827059	36.729 ug/ml
10) T Anthracene (C19.43)	10.745	6872804	38.444 ug/ml
12) T Fluoranthene (C21.85)	12.475	6839847	37.916 ug/ml
13) T Pyrene (C20.8)	12.771	6855744	39.118 ug/ml
14) T Benzo[a]anthracene (C...	14.635	6392821	40.163 ug/ml
15) T Chrysene (C27.41)	14.679	6245314	38.461 ug/ml
16) T benzo[b]fluoranthene ...	16.178	6178799	41.954 ug/ml
17) T Bnezo[k]fluoranthene ...	16.213	5924324	40.973 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.554	5389363	38.654 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.910	5082563	40.004 ug/ml
20) T Dibenz[a,h]anthracene...	17.954	5261179	40.965 ug/ml
21) T Benzo[g,h,i]perylene ...	18.166	5238416	40.726 ug/ml

(f)=RT Delta > 1/2 Window

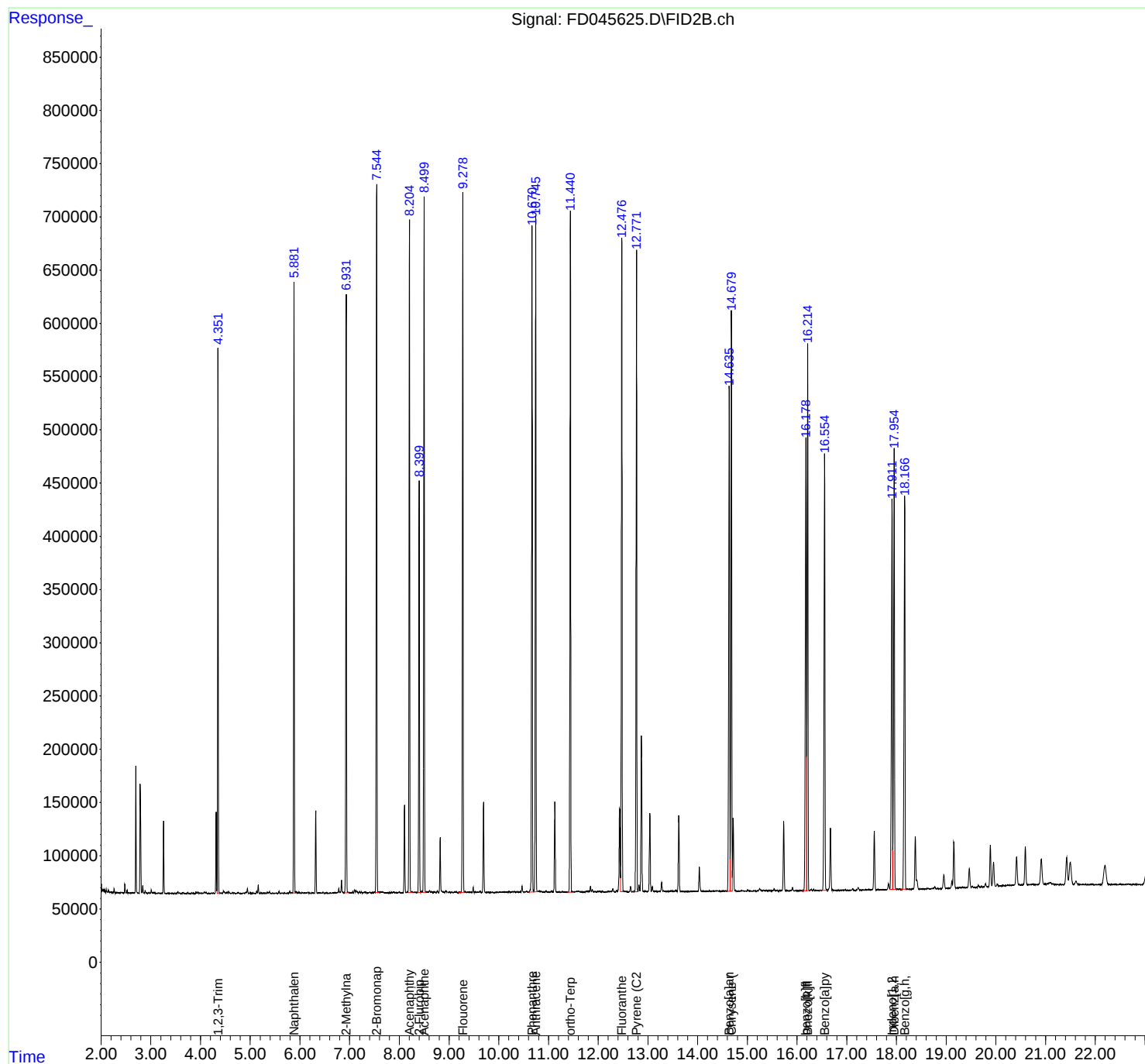
(m)=manual int.

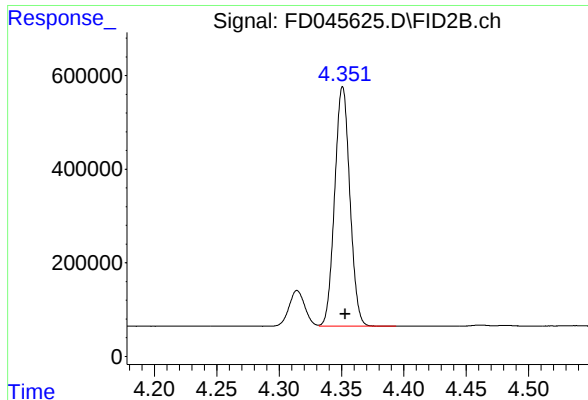
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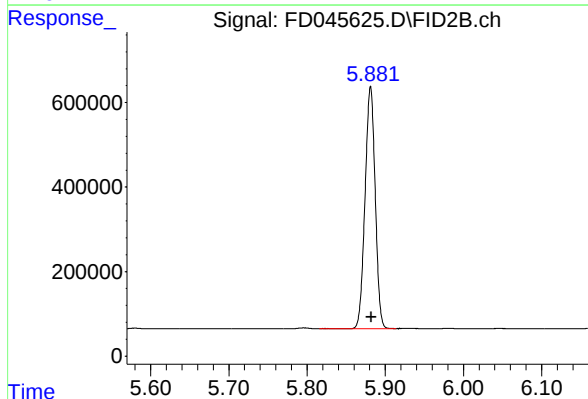




#1 1,2,3-Trimethylbenzene (C10.1)

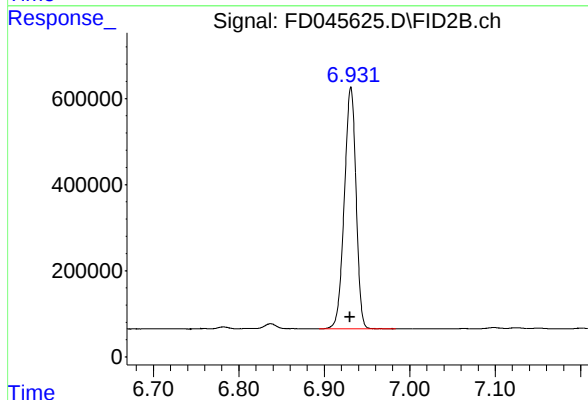
R.T.: 4.351 min
Delta R.T.: -0.002 min
Response: 4345274
Conc: 23.28 ug/ml

Instrument :
FID_D
ClientSampleId :
PB152631BSD



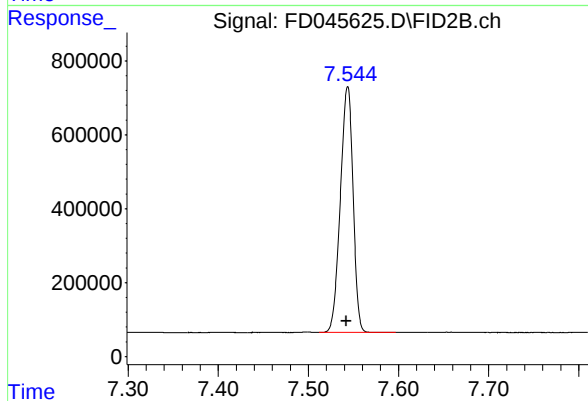
#2 Naphthalene (C11.7)

R.T.: 5.881 min
Delta R.T.: 0.000 min
Response: 5164916
Conc: 26.26 ug/ml



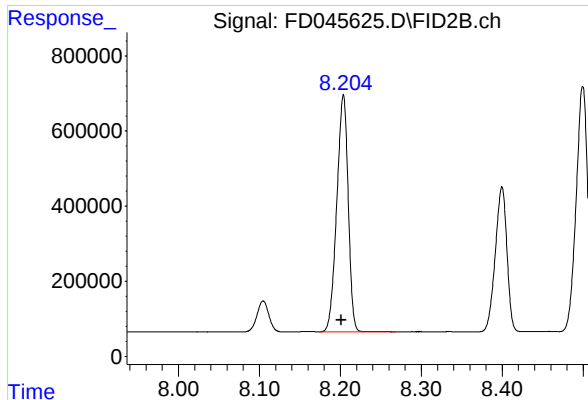
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.931 min
Delta R.T.: 0.000 min
Response: 5343918
Conc: 27.05 ug/ml



#4 2-Bromonaphthalene (SURR)

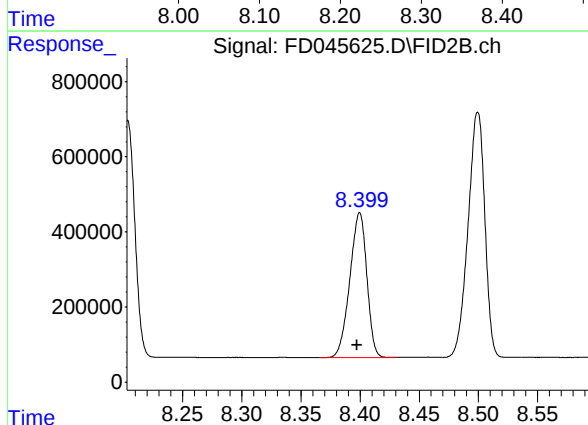
R.T.: 7.543 min
Delta R.T.: 0.001 min
Response: 6528135
Conc: 38.27 ug/ml



#5 Acenaphthylene (C15.06)

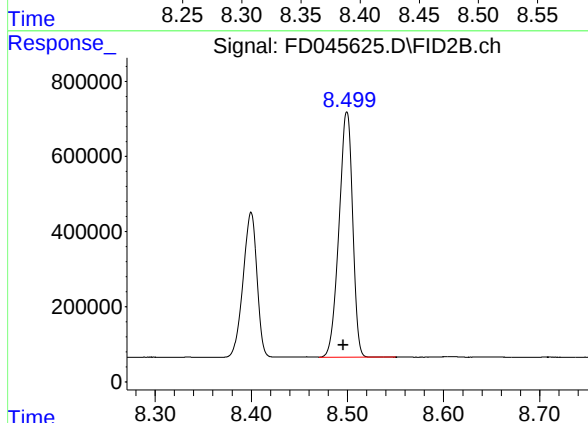
R.T.: 8.204 min
Delta R.T.: 0.002 min
Response: 6179858
Conc: 34.40 ug/ml

Instrument :
FID_D
ClientSampleId :
PB152631BSD



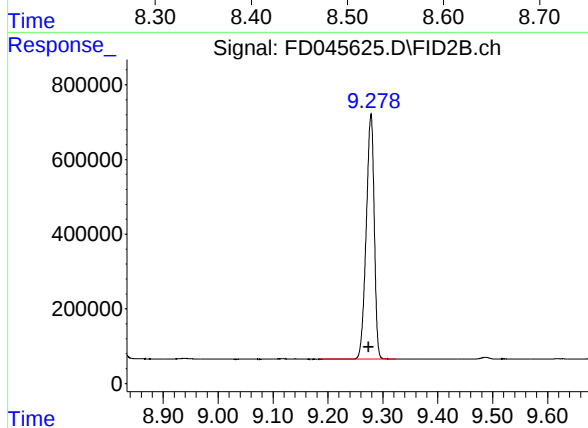
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.399 min
Delta R.T.: 0.002 min
Response: 3864829
Conc: 33.61 ug/ml



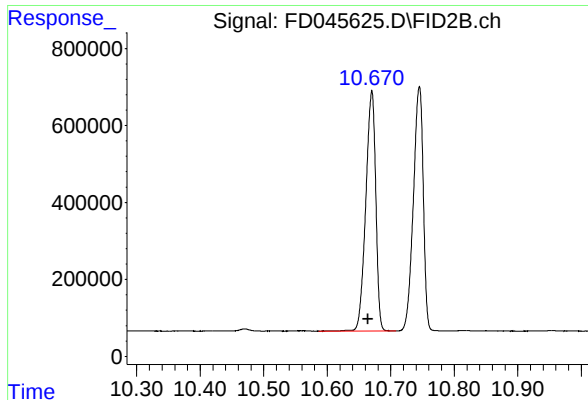
#7 Acenaphthene (C15.5)

R.T.: 8.499 min
Delta R.T.: 0.003 min
Response: 6457425
Conc: 33.93 ug/ml



#8 Flouorene (C16.55)

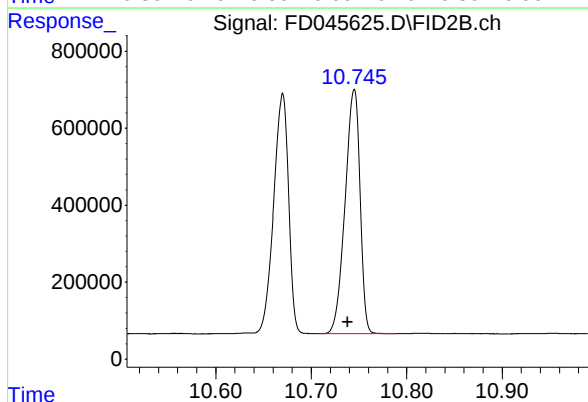
R.T.: 9.278 min
Delta R.T.: 0.004 min
Response: 6653382
Conc: 35.28 ug/ml



#9 Phenanthrene (C19.36)

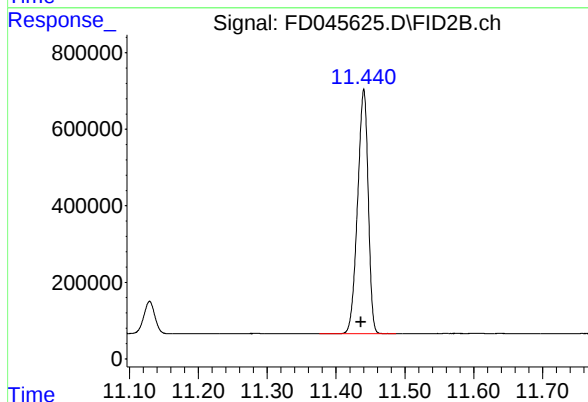
R.T.: 10.670 min
Delta R.T.: 0.005 min
Response: 6827059
Conc: 36.73 ug/ml

Instrument :
FID_D
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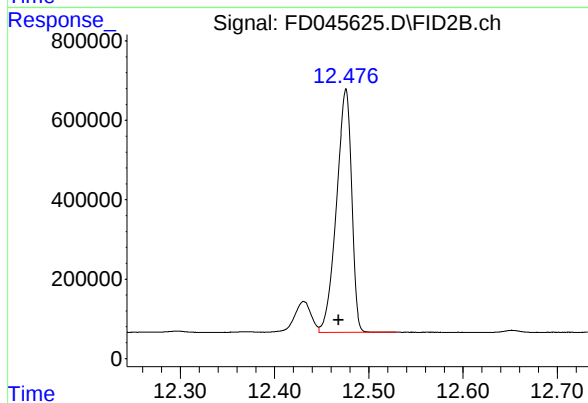
#10 Anthracene (C19.43)

R.T.: 10.745 min
Delta R.T.: 0.007 min
Response: 6872804
Conc: 38.44 ug/ml



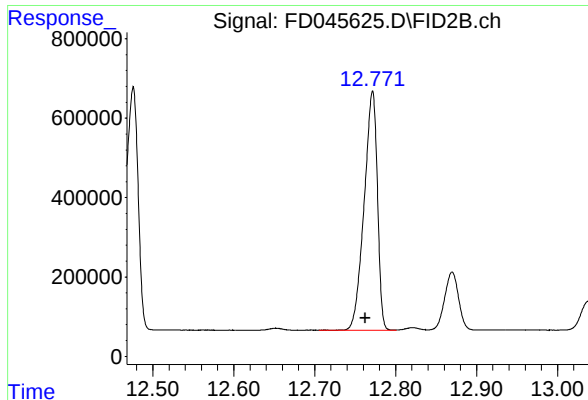
#11 ortho-Terphenyl (SURR)

R.T.: 11.440 min
Delta R.T.: 0.004 min
Response: 6838744
Conc: 32.39 ug/ml



#12 Fluoranthene (C21.85)

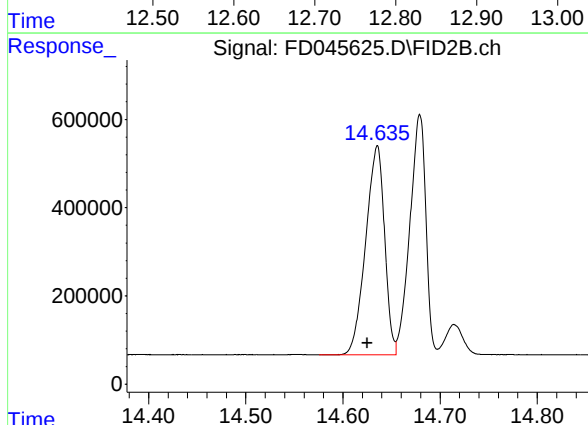
R.T.: 12.475 min
Delta R.T.: 0.007 min
Response: 6839847
Conc: 37.92 ug/ml



#13 Pyrene (C20.8)

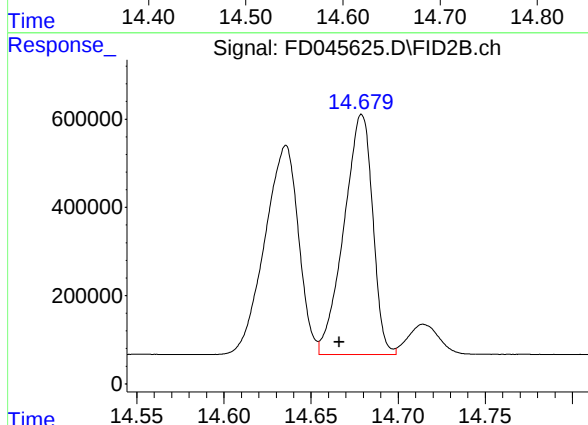
R.T.: 12.771 min
Delta R.T.: 0.009 min
Response: 6855744
Conc: 39.12 ug/ml

Instrument :
FID_D
ClientSampleId :
PB152631BSD



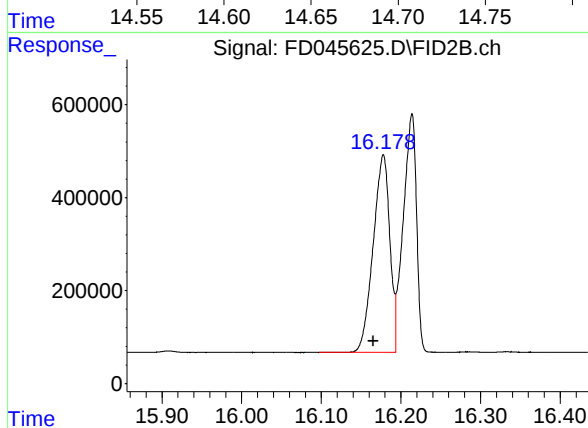
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.635 min
Delta R.T.: 0.010 min
Response: 6392821
Conc: 40.16 ug/ml



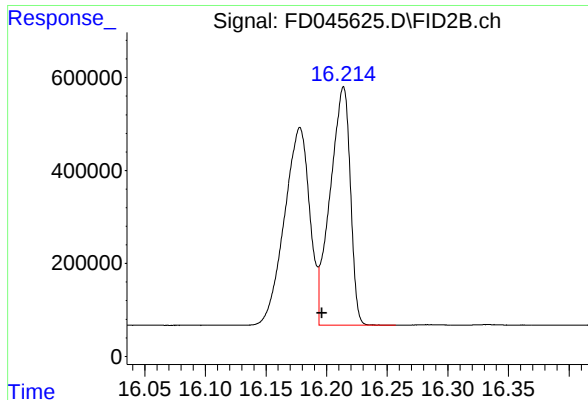
#15 Chrysene (C27.41)

R.T.: 14.679 min
Delta R.T.: 0.013 min
Response: 6245314
Conc: 38.46 ug/ml



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

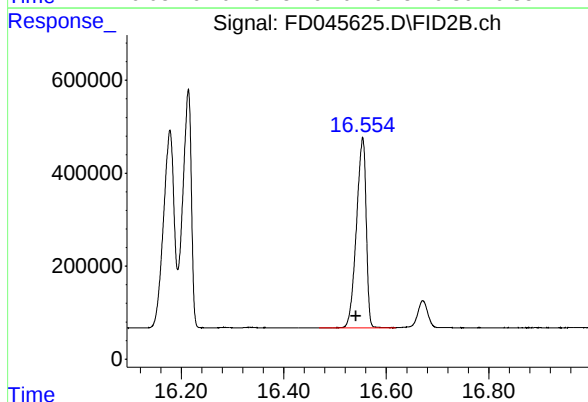
R.T.: 16.178 min
Delta R.T.: 0.012 min
Response: 6178799
Conc: 41.95 ug/ml



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

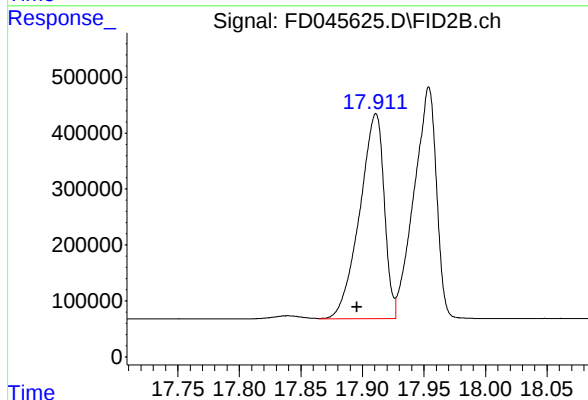
R.T.: 16.213 min
Delta R.T.: 0.017 min
Response: 5924324
Conc: 40.97 ug/ml

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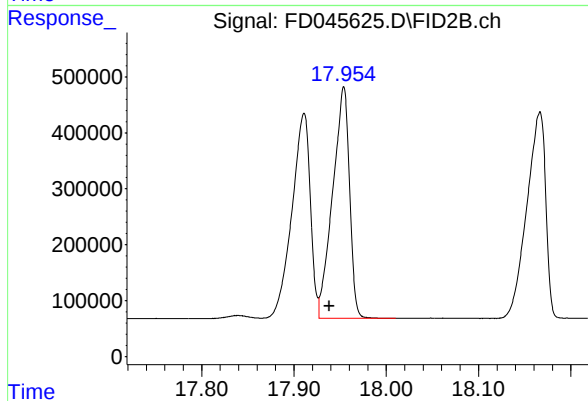
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.554 min
Delta R.T.: 0.013 min
Response: 5389363
Conc: 38.65 ug/ml



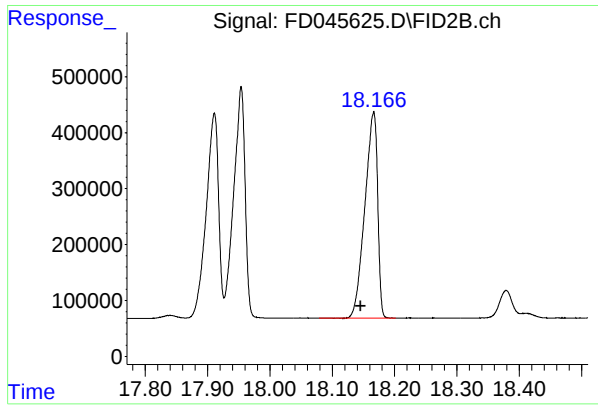
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.910 min
Delta R.T.: 0.015 min
Response: 5082563
Conc: 40.00 ug/ml



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

R.T.: 17.954 min
Delta R.T.: 0.015 min
Response: 5261179
Conc: 40.97 ug/ml



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

R.T.: 18.166 min
Delta R.T.: 0.020 min
Response: 5238416
Conc: 40.73 ug/ml

Instrument :
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ClientSampleId :
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