

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071823AR\
 Data File : FD046126.D
 Signal(s) : FID2B.ch
 Acq On : 18 Jul 2023 17:57
 Operator : YP/AJ
 Sample : PB154264BSD
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB154264BSD

Integration File: autoint1.e
 Quant Time: Jul 19 04:56:49 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062423.M
 Quant Title : GC Extractables
 QLast Update : Sun Jun 25 04:38:13 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...	7.510	8243740	38.254 ug/ml
Spiked Amount 50.000		Recovery =	76.51%
6) S 2-Fluorobiphenyl (SURR)	8.364	3805879	27.499 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	55.00%
11) S ortho-Terphenyl (SURR)	11.406	10803237	42.613 ug/ml
Spiked Amount 50.000		Recovery =	85.23%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.320	6529770	26.213 ug/ml
2) T Naphthalene (C11.7)	5.848	7619117	29.865 ug/ml
3) T 2-Methylnaphthalene (...)	6.898	7805093	30.961 ug/ml
5) T Acenaphthylene (C15.06)	8.170	8708225	40.093 ug/ml
7) T Acenaphthene (C15.5)	8.466	8855838	37.569 ug/ml
8) T Fluorene (C16.55)	9.245	8644261	38.205 ug/ml
9) T Phenanthrene (C19.36)	10.634	8331508	39.046 ug/ml
10) T Anthracene (C19.43)	10.709	7880396	49.595 ug/ml
12) T Fluoranthene (C21.85)	12.438	8087754	39.520 ug/ml
13) T Pyrene (C20.8)	12.734	8082579	41.569 ug/ml
14) T Benzo[a]anthracene (C...	14.599	7765504	43.179 ug/ml
15) T Chrysene (C27.41)	14.642	7683060	39.144 ug/ml
16) T benzo[b]fluoranthene ...	16.142	8064728	42.999 ug/ml
17) T Bnezo[k]fluoranthene ...	16.178	7656324	38.706 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.517	7054267	40.488 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.875	6905312	37.104 ug/ml
20) T Dibenz[a,h]anthracene...	17.917	7038489	38.283 ug/ml
21) T Benzo[g,h,i]perylene ...	18.131	7256682	38.837 ug/ml

(f)=RT Delta > 1/2 Window

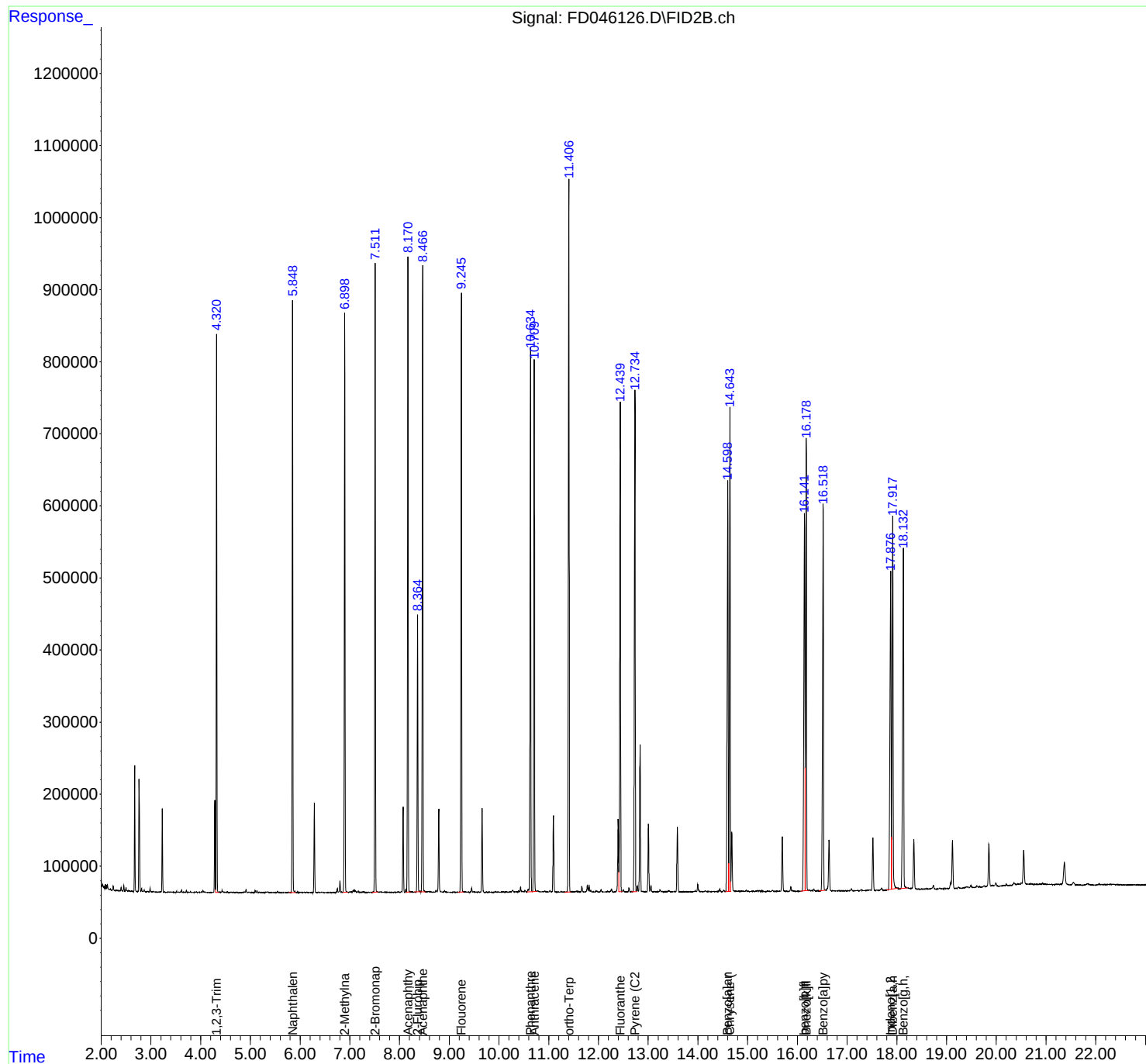
(m)=manual int.

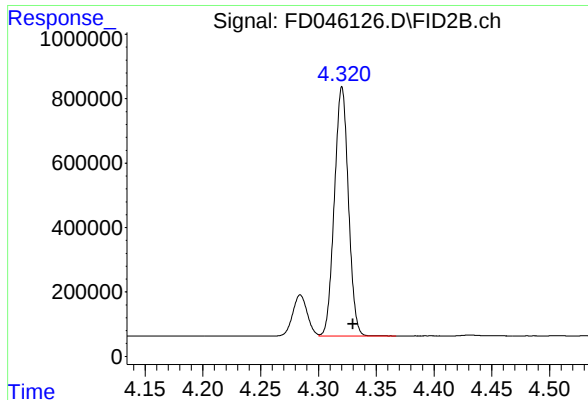
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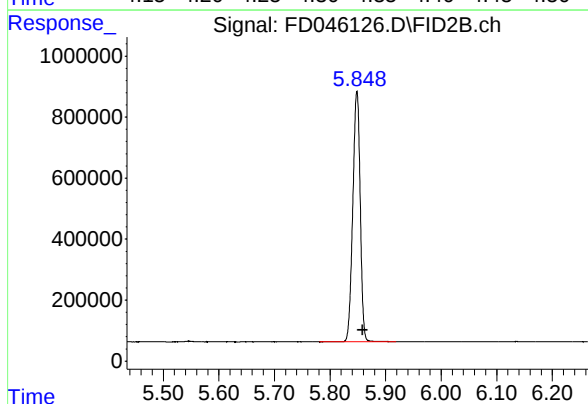




#1 1,2,3-Trimethylbenzene (C10.1)

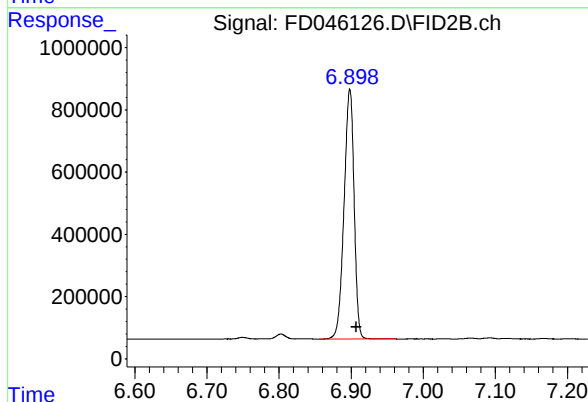
R.T.: 4.320 min
Delta R.T.: -0.010 min
Response: 6529770
Conc: 26.21 ug/ml

Instrument :
FID_D
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PB154264BSD



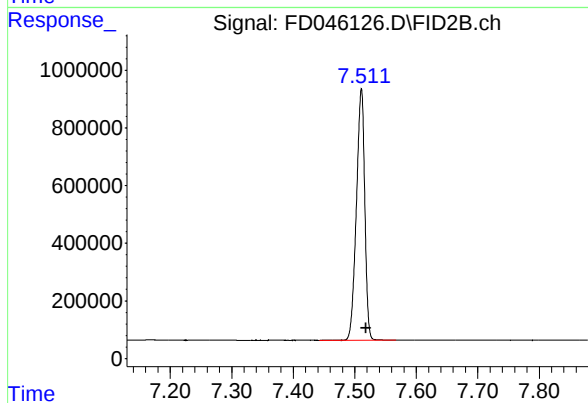
#2 Naphthalene (C11.7)

R.T.: 5.848 min
Delta R.T.: -0.010 min
Response: 7619117
Conc: 29.86 ug/ml



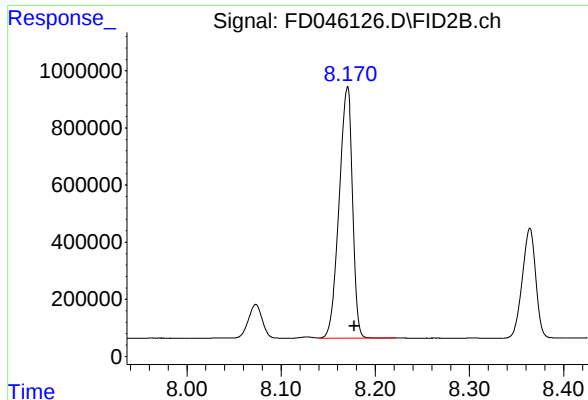
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.898 min
Delta R.T.: -0.009 min
Response: 7805093
Conc: 30.96 ug/ml



#4 2-Bromonaphthalene (SURR)

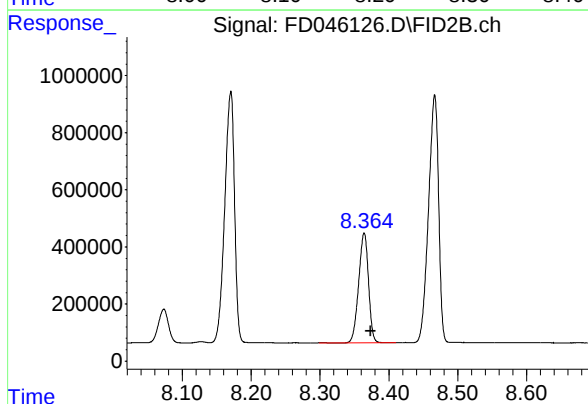
R.T.: 7.510 min
Delta R.T.: -0.008 min
Response: 8243740
Conc: 38.25 ug/ml



#5 Acenaphthylene (C15.06)

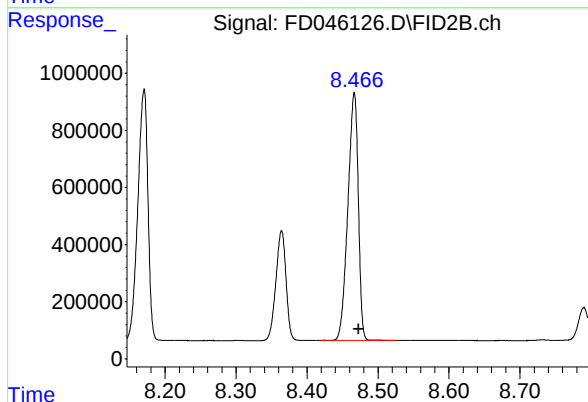
R.T.: 8.170 min
Delta R.T.: -0.008 min
Response: 8708225
Conc: 40.09 ug/ml

Instrument :
FID_D
ClientSampleId :
PB154264BSD



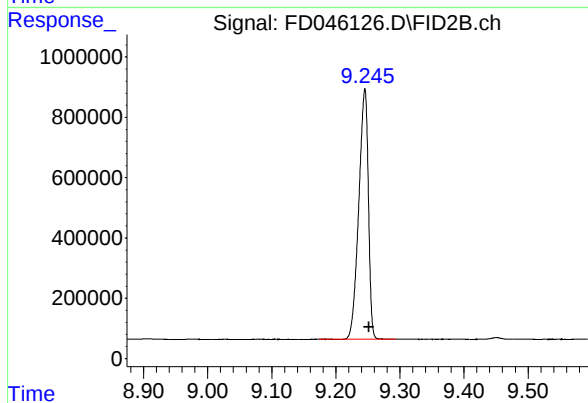
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.364 min
Delta R.T.: -0.009 min
Response: 3805879
Conc: 27.50 ug/ml



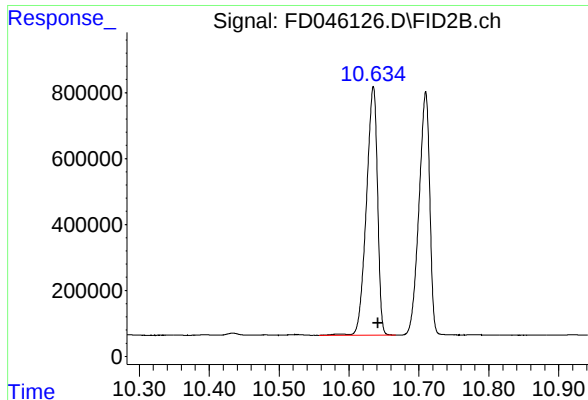
#7 Acenaphthene (C15.5)

R.T.: 8.466 min
Delta R.T.: -0.007 min
Response: 8855838
Conc: 37.57 ug/ml



#8 Fluorene (C16.55)

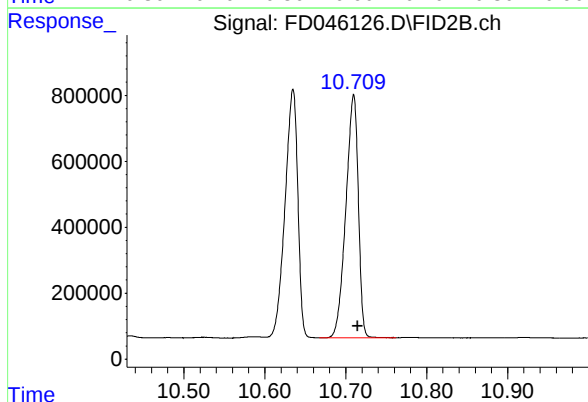
R.T.: 9.245 min
Delta R.T.: -0.007 min
Response: 8644261
Conc: 38.21 ug/ml



#9 Phenanthrene (C19.36)

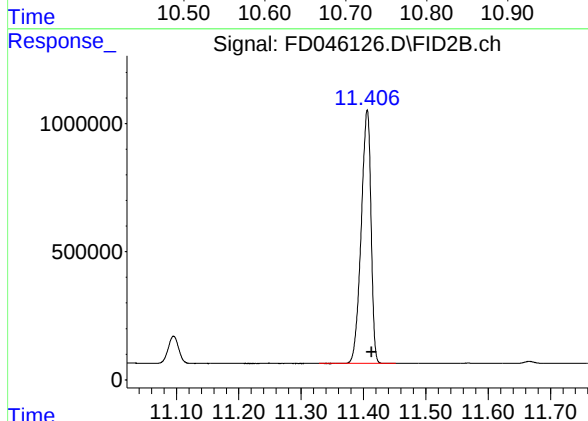
R.T.: 10.634 min
Delta R.T.: -0.007 min
Response: 8331508
Conc: 39.05 ug/ml

Instrument :
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PB154264BSD



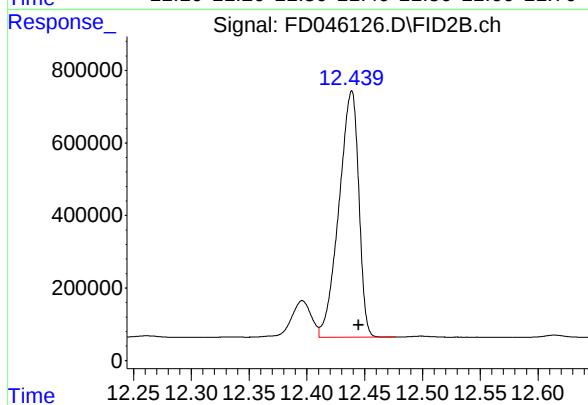
#10 Anthracene (C19.43)

R.T.: 10.709 min
Delta R.T.: -0.006 min
Response: 7880396
Conc: 49.60 ug/ml



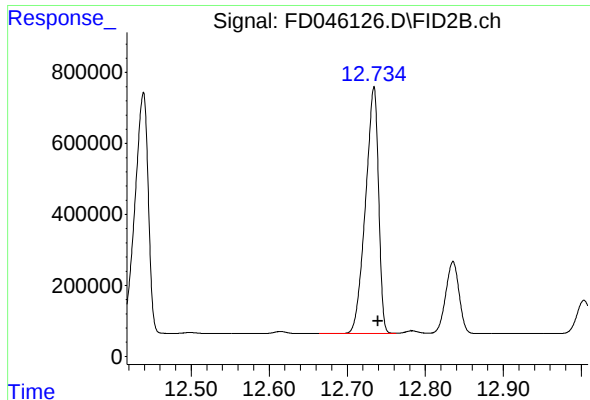
#11 ortho-Terphenyl (SURR)

R.T.: 11.406 min
Delta R.T.: -0.007 min
Response: 10803237
Conc: 42.61 ug/ml



#12 Fluoranthene (C21.85)

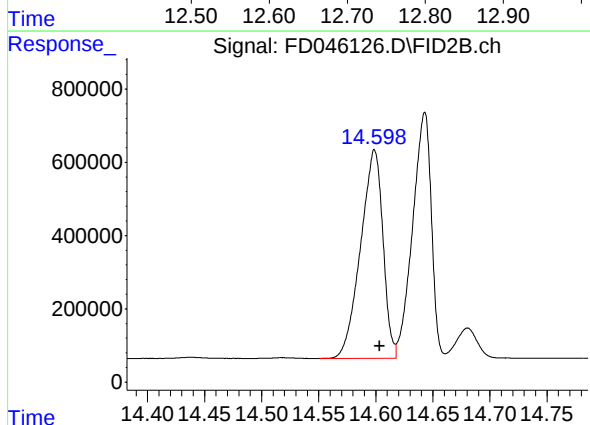
R.T.: 12.438 min
Delta R.T.: -0.007 min
Response: 8087754
Conc: 39.52 ug/ml



#13 Pyrene (C20.8)

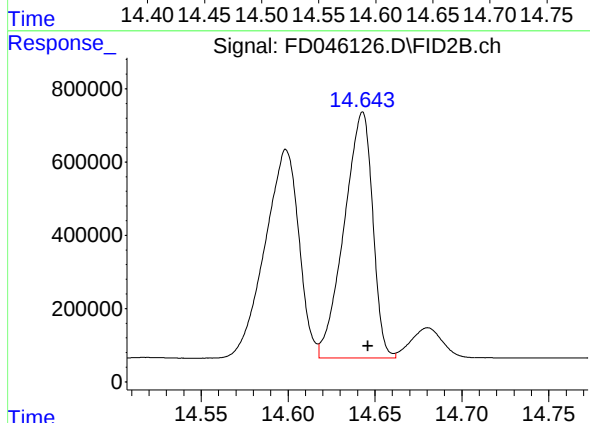
R.T.: 12.734 min
Delta R.T.: -0.006 min
Response: 8082579
Conc: 41.57 ug/ml

Instrument :
FID_D
ClientSampleId :
PB154264BSD



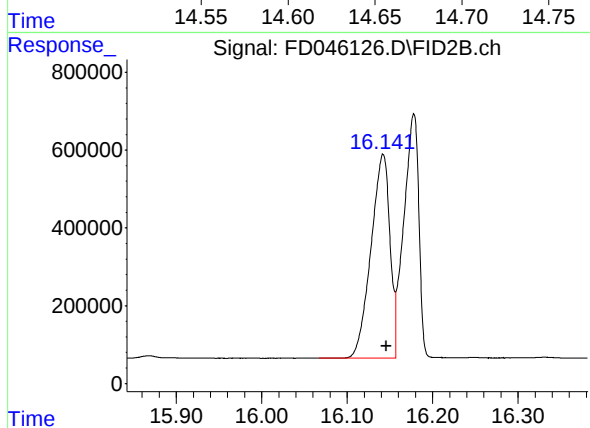
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.599 min
Delta R.T.: -0.005 min
Response: 7765504
Conc: 43.18 ug/ml



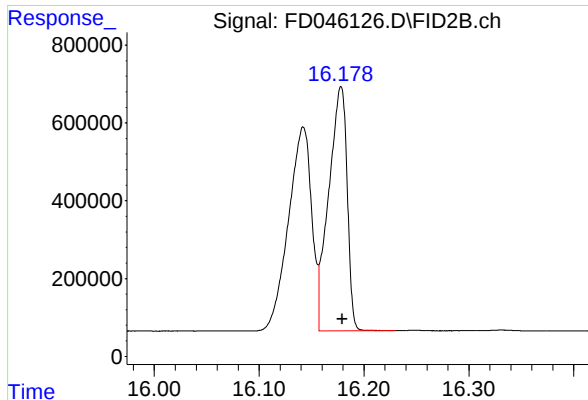
#15 Chrysene (C27.41)

R.T.: 14.642 min
Delta R.T.: -0.004 min
Response: 7683060
Conc: 39.14 ug/ml



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

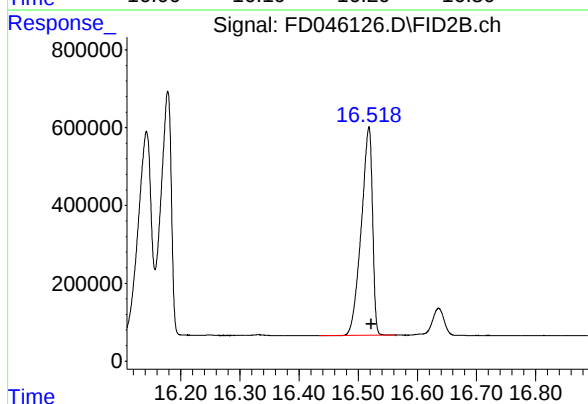
R.T.: 16.142 min
Delta R.T.: -0.004 min
Response: 8064728
Conc: 43.00 ug/ml



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

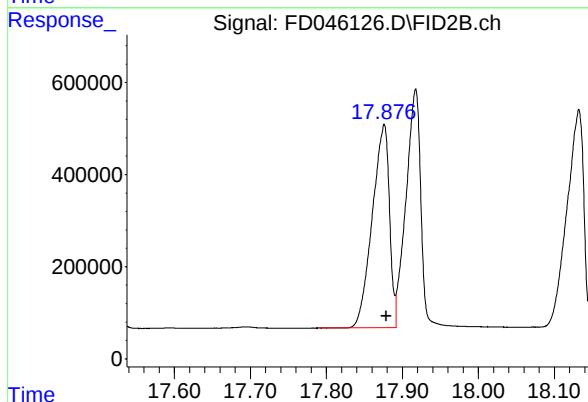
R.T.: 16.178 min
Delta R.T.: -0.002 min
Response: 7656324
Conc: 38.71 ug/ml

Instrument :
FID_D
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PB154264BSD



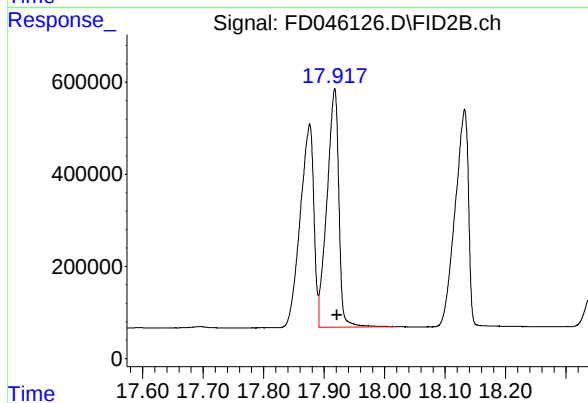
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.517 min
Delta R.T.: -0.005 min
Response: 7054267
Conc: 40.49 ug/ml



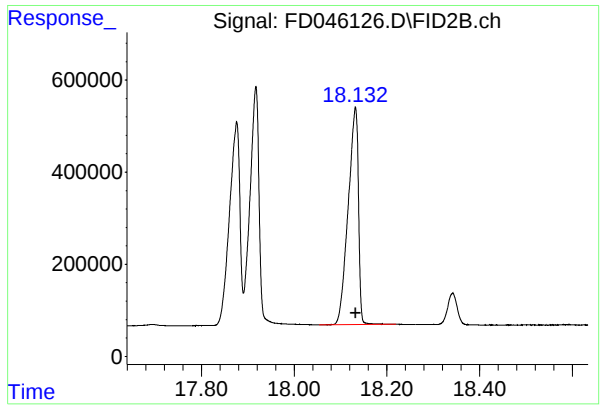
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.875 min
Delta R.T.: -0.003 min
Response: 6905312
Conc: 37.10 ug/ml



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

R.T.: 17.917 min
Delta R.T.: -0.004 min
Response: 7038489
Conc: 38.28 ug/ml



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

R.T.: 18.131 min
Delta R.T.: -0.001 min
Response: 7256682
Conc: 38.84 ug/ml

Instrument :

FID_D

ClientSampleId :

PB154264BSD