

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071123AR\
 Data File : FD046092.D
 Signal(s) : FID2B.ch
 Acq On : 11 Jul 2023 18:43
 Operator : YP/AJ
 Sample : 03509-04MSD
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 WC-WWS-01-GMSD

Integration File: autoint1.e
 Quant Time: Jul 12 05:38:39 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...	7.512	6956705	32.282 ug/ml
Spiked Amount 50.000		Recovery =	64.56%
6) S 2-Fluorobiphenyl (SURR)	8.366	3800873	27.463 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	54.93%
11) S ortho-Terphenyl (SURR)	11.406	6102940	24.073 ug/ml
Spiked Amount 50.000		Recovery =	48.15%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.322	4890830	19.633 ug/ml
2) T Naphthalene (C11.7)	5.850	5703580	22.356 ug/ml
3) T 2-Methylnaphthalene (...)	6.899	5795599	22.990 ug/ml
5) T Acenaphthylene (C15.06)	8.171	6125792	28.204 ug/ml
7) T Acenaphthene (C15.5)	8.466	6144636	26.067 ug/ml
8) T Flouorene (C16.55)	9.245	6927252	30.617 ug/ml
9) T Phenanthrene (C19.36)	10.636	7039789	32.992 ug/ml
10) T Anthracene (C19.43)	10.711	6755975	42.519 ug/ml
12) T Fluoranthene (C21.85)	12.442	7535401	36.821 ug/ml
13) T Pyrene (C20.8)	12.736	6973624	35.866 ug/ml
14) T Benzo[a]anthracene (C...	14.602	7947821	44.193 ug/ml
15) T Chrysene (C27.41)	14.647	7885635	40.177 ug/ml
16) T benzo[b]fluoranthene ...	16.147	8564836	45.665 ug/ml
17) T Bnezo[k]fluoranthene ...	16.184	8220539	41.558 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.523	7474425	42.900 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.883	8511238	45.733 ug/ml
20) T Dibenz[a,h]anthracene...	17.924	7908228	43.014 ug/ml
21) T Benzo[g,h,i]perylene ...	18.140	8072773	43.204 ug/ml

(f)=RT Delta > 1/2 Window

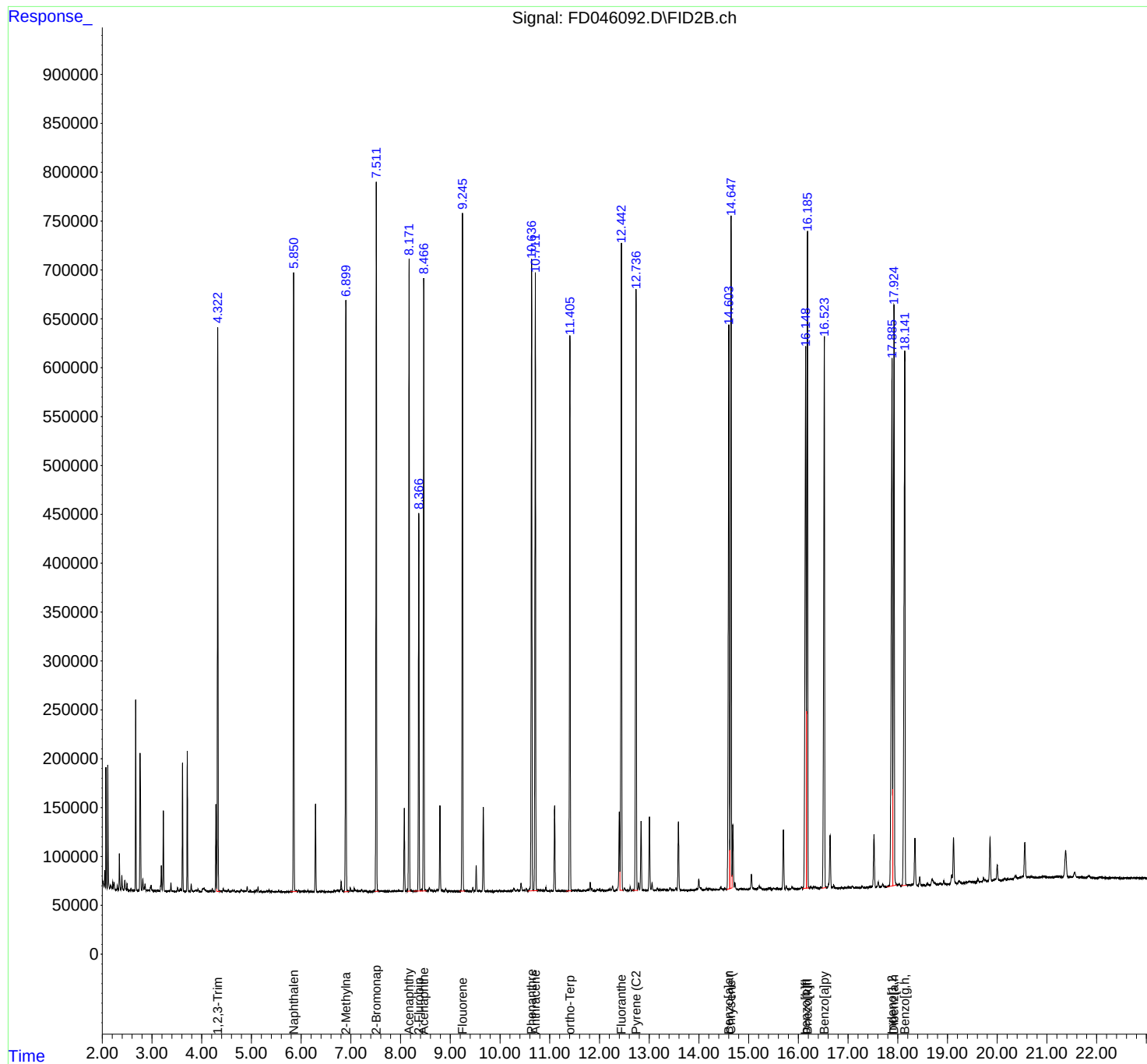
(m)=manual int.

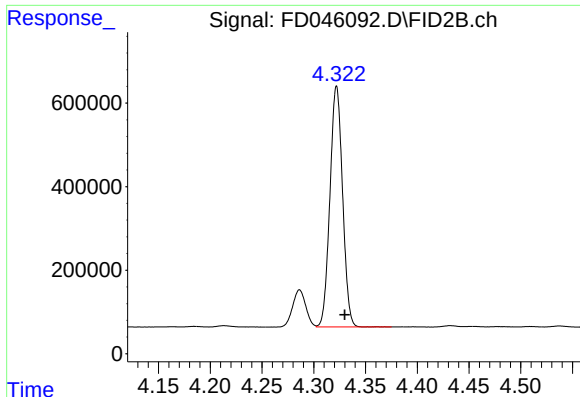
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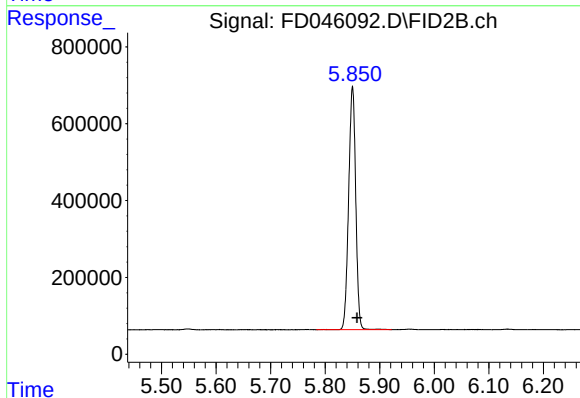




#1 1,2,3-Trimethylbenzene (C10.1)

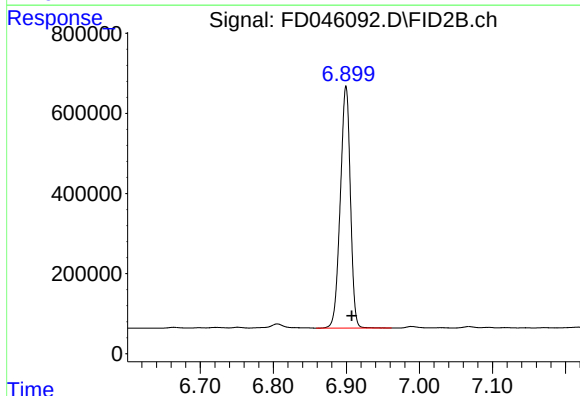
R.T.: 4.322 min
Delta R.T.: -0.008 min
Response: 4890830
Conc: 19.63 ug/ml

Instrument :
FID_D
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WC-WWS-01-GMSD



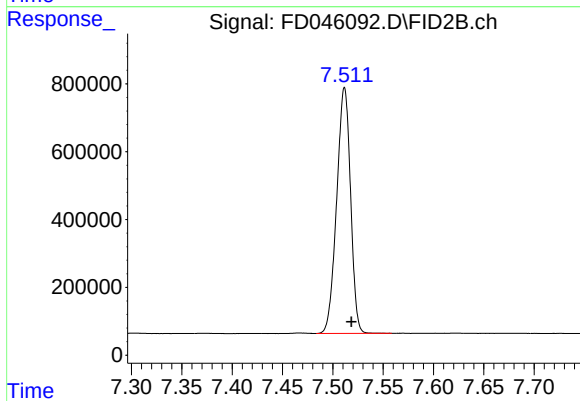
#2 Naphthalene (C11.7)

R.T.: 5.850 min
Delta R.T.: -0.008 min
Response: 5703580
Conc: 22.36 ug/ml



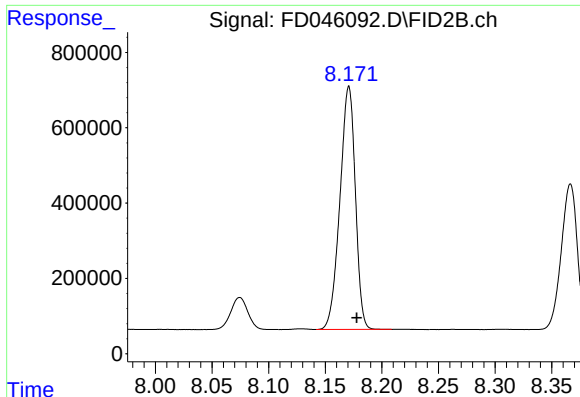
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.899 min
Delta R.T.: -0.008 min
Response: 5795599
Conc: 22.99 ug/ml



#4 2-Bromonaphthalene (SURR)

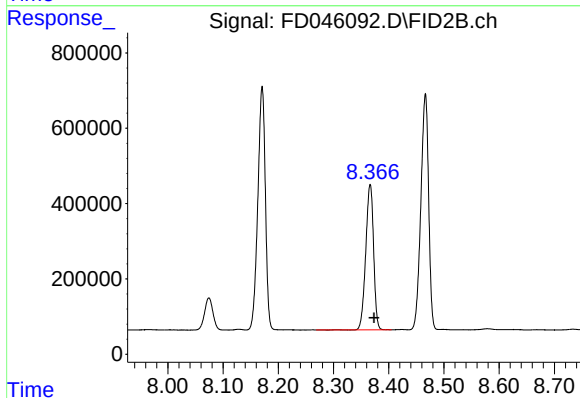
R.T.: 7.512 min
Delta R.T.: -0.007 min
Response: 6956705
Conc: 32.28 ug/ml



#5 Acenaphthylene (C15.06)

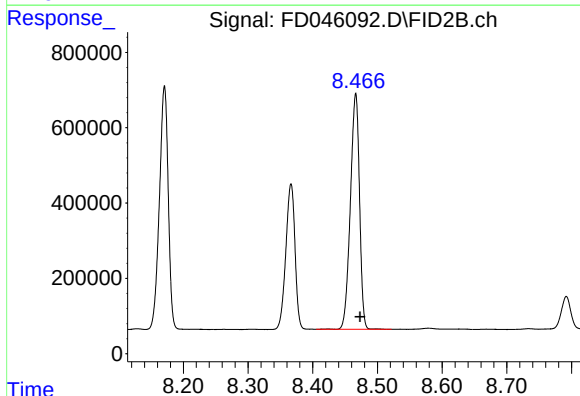
R.T.: 8.171 min
Delta R.T.: -0.007 min
Response: 6125792
Conc: 28.20 ug/ml

Instrument :
FID_D
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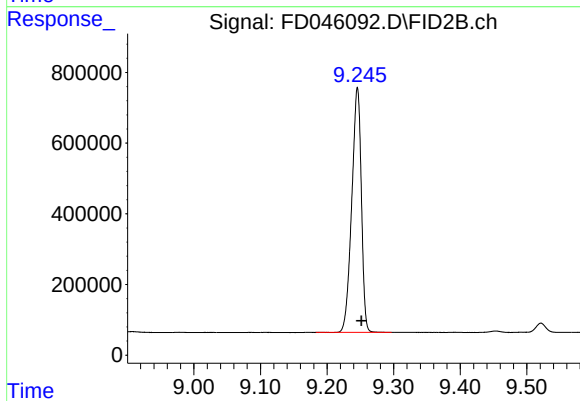
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.366 min
Delta R.T.: -0.007 min
Response: 3800873
Conc: 27.46 ug/ml



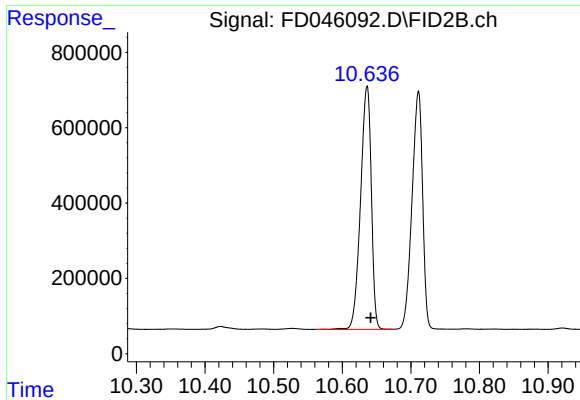
#7 Acenaphthene (C15.5)

R.T.: 8.466 min
Delta R.T.: -0.007 min
Response: 6144636
Conc: 26.07 ug/ml



#8 Fluorene (C16.55)

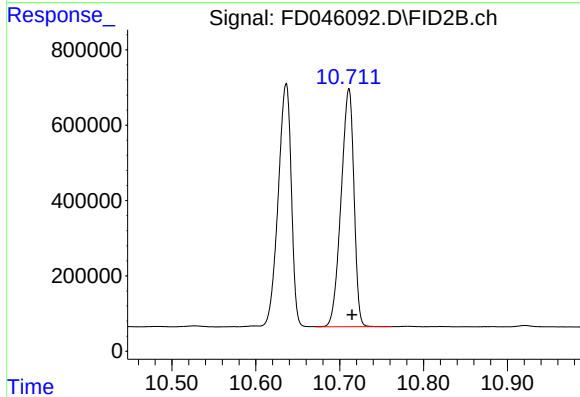
R.T.: 9.245 min
Delta R.T.: -0.006 min
Response: 6927252
Conc: 30.62 ug/ml



#9 Phenanthrene (C19.36)

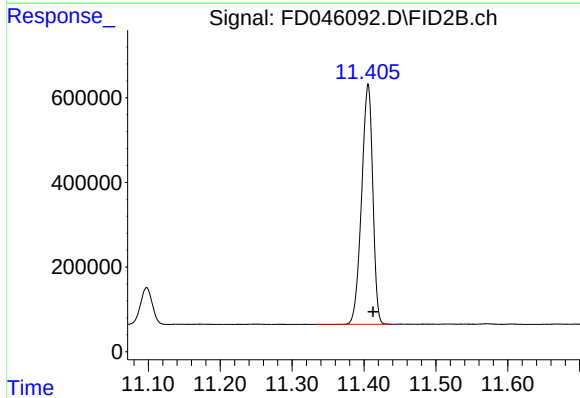
R.T.: 10.636 min
Delta R.T.: -0.006 min
Response: 7039789
Conc: 32.99 ug/ml

Instrument :
FID_D
ClientSampleId :
WC-WWS-01-GMSD



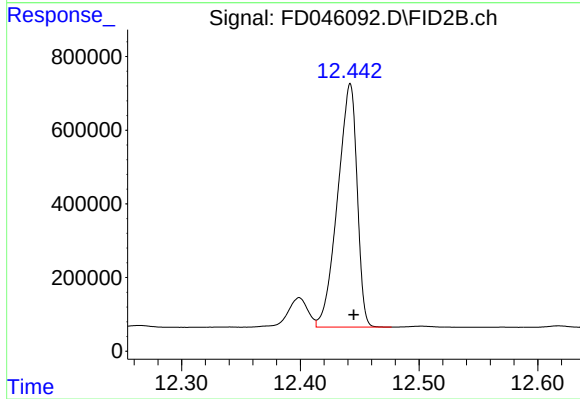
#10 Anthracene (C19.43)

R.T.: 10.711 min
Delta R.T.: -0.004 min
Response: 6755975
Conc: 42.52 ug/ml



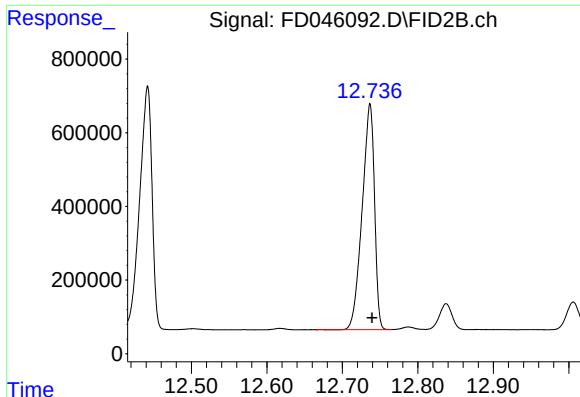
#11 ortho-Terphenyl (SURR)

R.T.: 11.406 min
Delta R.T.: -0.007 min
Response: 6102940
Conc: 24.07 ug/ml



#12 Fluoranthene (C21.85)

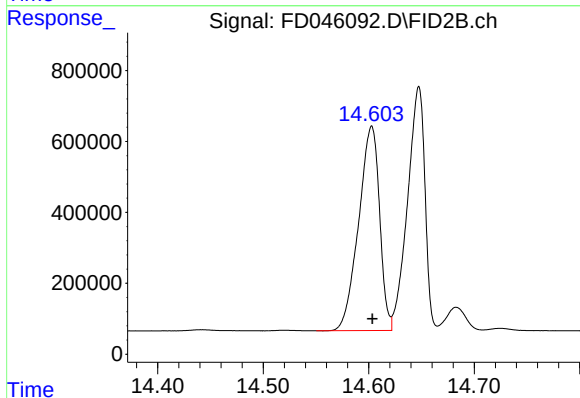
R.T.: 12.442 min
Delta R.T.: -0.003 min
Response: 7535401
Conc: 36.82 ug/ml



#13 Pyrene (C20.8)

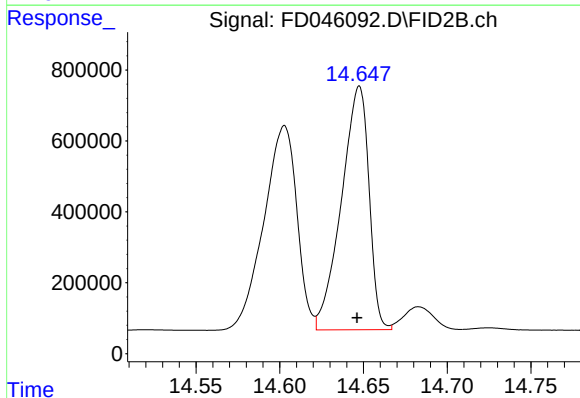
R.T.: 12.736 min
Delta R.T.: -0.003 min
Response: 6973624
Conc: 35.87 ug/ml

Instrument :
FID_D
ClientSampleId :
WC-WWS-01-GMSD



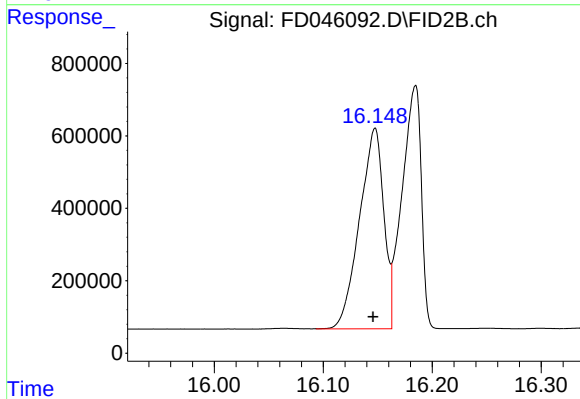
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.602 min
Delta R.T.: 0.000 min
Response: 7947821
Conc: 44.19 ug/ml



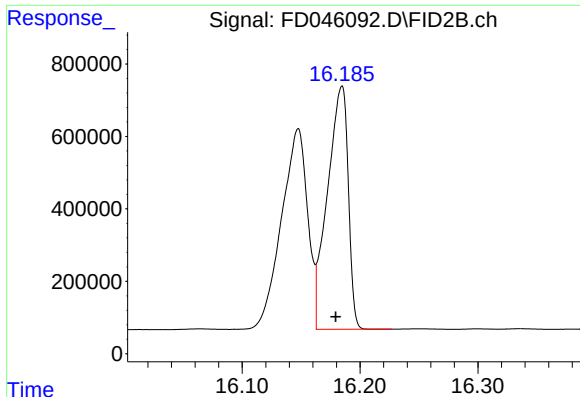
#15 Chrysene (C27.41)

R.T.: 14.647 min
Delta R.T.: 0.000 min
Response: 7885635
Conc: 40.18 ug/ml



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

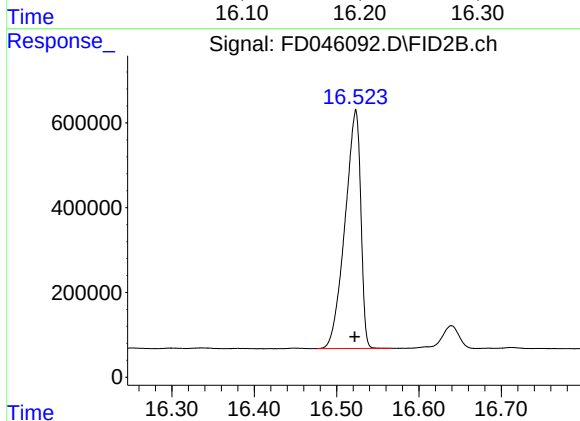
R.T.: 16.147 min
Delta R.T.: 0.001 min
Response: 8564836
Conc: 45.67 ug/ml



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

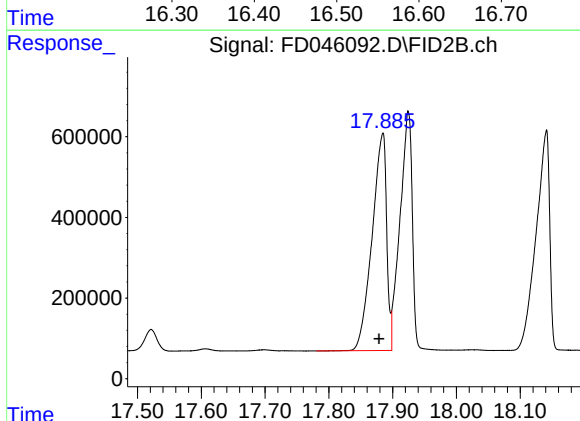
R.T.: 16.184 min
Delta R.T.: 0.004 min
Response: 8220539
Conc: 41.56 ug/ml

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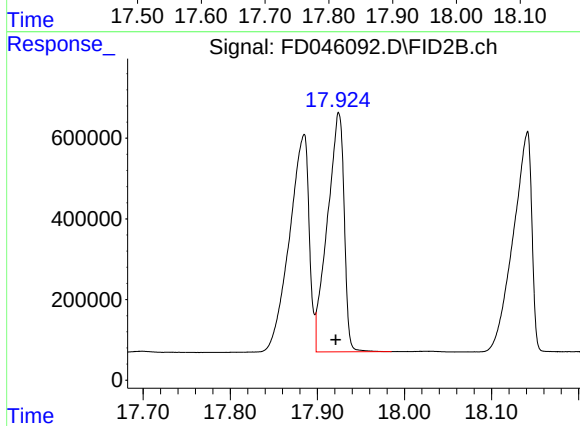
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.523 min
Delta R.T.: 0.000 min
Response: 7474425
Conc: 42.90 ug/ml



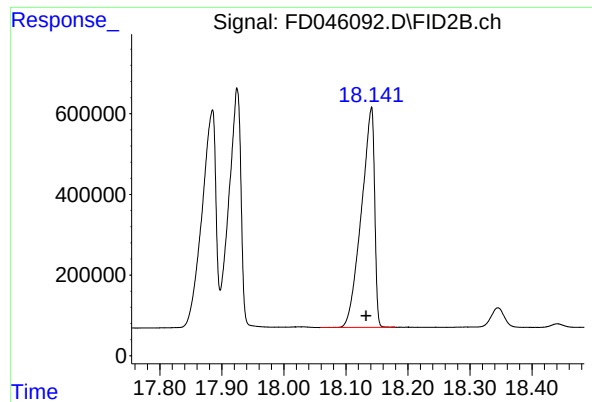
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.883 min
Delta R.T.: 0.005 min
Response: 8511238
Conc: 45.73 ug/ml



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

R.T.: 17.924 min
Delta R.T.: 0.003 min
Response: 7908228
Conc: 43.01 ug/ml



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

R.T.: 18.140 min
Delta R.T.: 0.007 min
Response: 8072773
Conc: 43.20 ug/ml

Instrument :
FID_D
ClientSampleId :
WC-WWS-01-GMSD