

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061623AR\
 Data File : FD045858.D
 Signal(s) : FID2B.ch
 Acq On : 17 Jun 2023 01:22
 Operator : YP/AJ
 Sample : 03224-14
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 17 04:10:52 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Sat May 27 06:44:25 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...	7.528	8343981	46.282 ug/ml
Spiked Amount 50.000		Recovery =	92.56%
6) S 2-Fluorobiphenyl (SURR)	8.384	5179290	43.079 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	86.16%
11) S ortho-Terphenyl (SURR)	11.424	6902794	30.903 ug/ml
Spiked Amount 50.000		Recovery =	61.81%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.336	17354	0.086 ug/ml
2) T Naphthalene (C11.7)	5.865	140539	0.663 ug/ml
3) T 2-Methylnaphthalene (...)	6.913	148220	0.702 ug/ml
5) T Acenaphthylene (C15.06)	8.184	216142	1.141 ug/ml
7) T Acenaphthene (C15.5)	8.478	110404	0.546 ug/ml
8) T Fluorene (C16.55)	9.257	123380	0.623 ug/ml
9) T Phenanthrene (C19.36)	10.647	1130832	5.911 ug/ml
10) T Anthracene (C19.43)	10.721	452894	2.659 ug/ml
12) T Fluoranthene (C21.85)	12.455	3412283	18.470 ug/ml
13) T Pyrene (C20.8)	12.750	3026624	16.947 ug/ml
14) T Benzo[a]anthracene (C...	14.612	1941595	12.401 ug/ml
15) T Chrysene (C27.41)	14.653	2036102	12.341 ug/ml
16) T benzo[b]fluoranthene ...	16.158	2315216	15.297 ug/ml
17) T Bnezo[k]fluoranthene ...	16.184	812580	5.249 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.530	1593963	10.900 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.885	1078996	7.367 ug/ml
20) T Dibenz[a,h]anthracene...	17.929	309807	2.065 ug/ml
21) T Benzo[g,h,i]perylene ...	18.136	868960	5.889 ug/ml

(f)=RT Delta > 1/2 Window

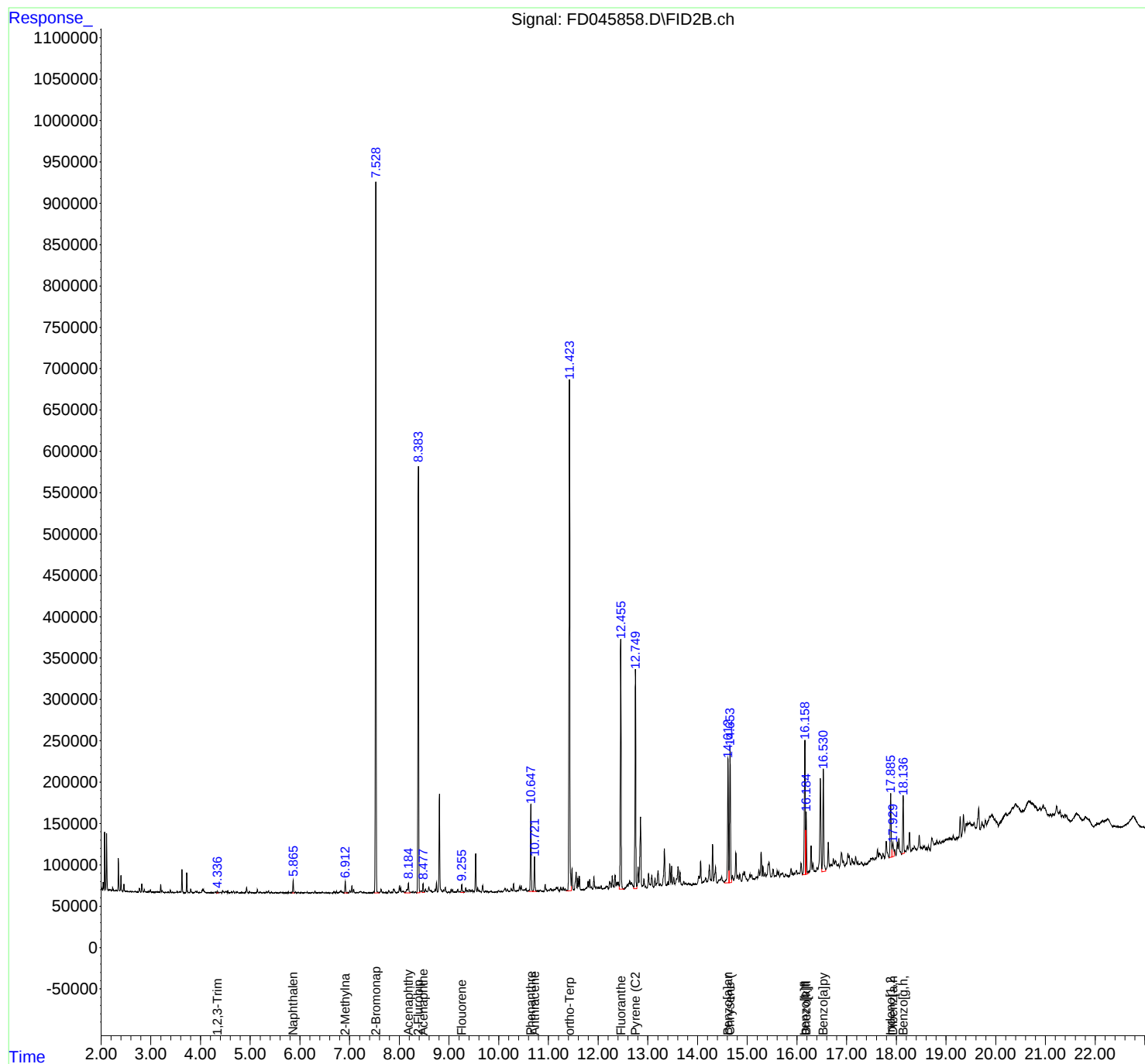
(m)=manual int.

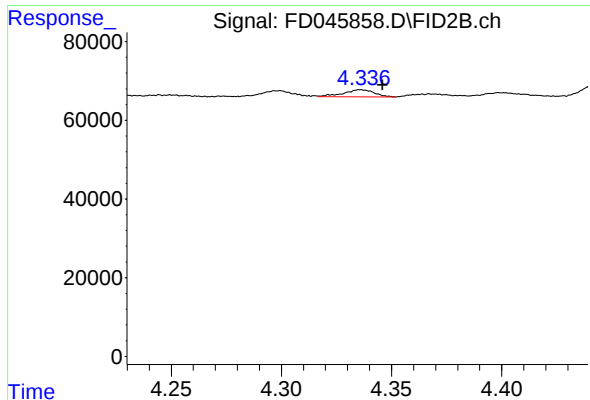
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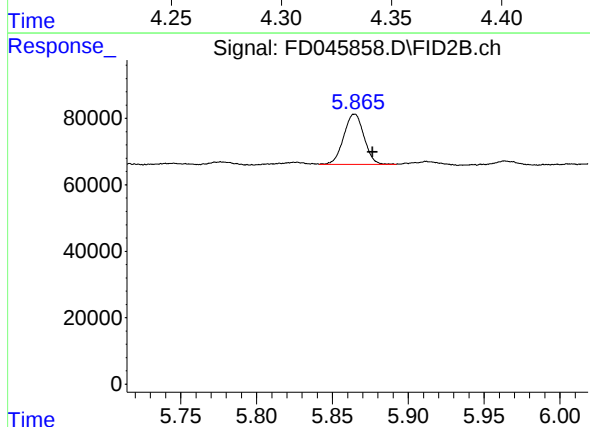




#1 1,2,3-Trimethylbenzene (C10.1)

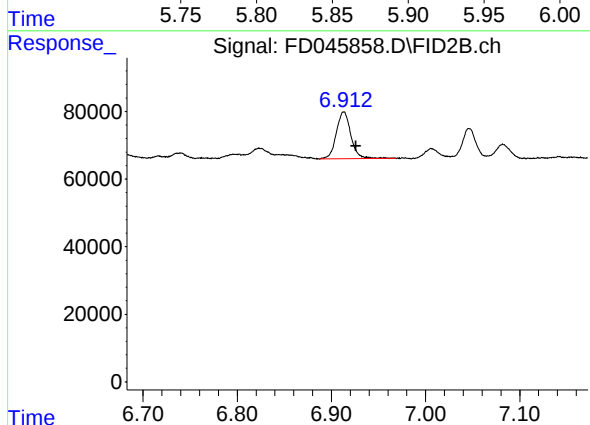
R.T.: 4.336 min
Delta R.T.: -0.010 min
Response: 17354
Conc: 0.09 ug/ml

Instrument :
FID_D
ClientSampleId :



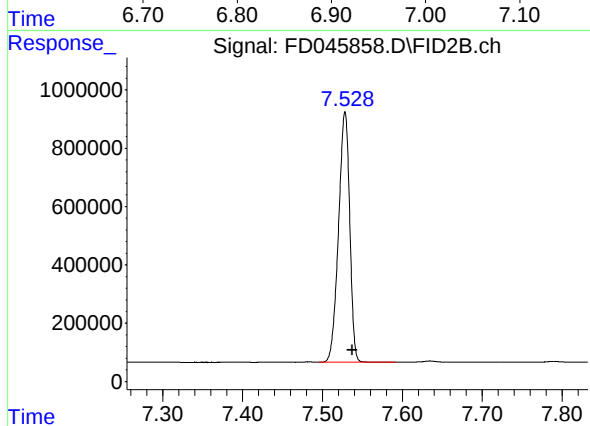
#2 Naphthalene (C11.7)

R.T.: 5.865 min
Delta R.T.: -0.012 min
Response: 140539
Conc: 0.66 ug/ml



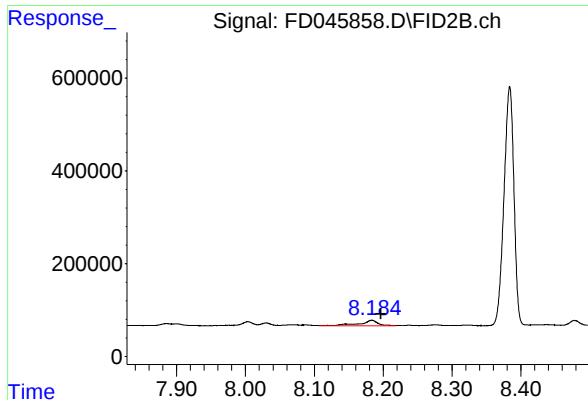
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.913 min
Delta R.T.: -0.013 min
Response: 148220
Conc: 0.70 ug/ml



#4 2-Bromonaphthalene (SURR)

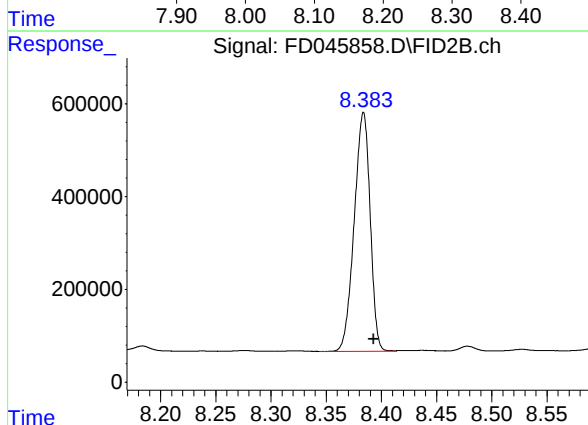
R.T.: 7.528 min
Delta R.T.: -0.009 min
Response: 8343981
Conc: 46.28 ug/ml



#5 Acenaphthylene (C15.06)

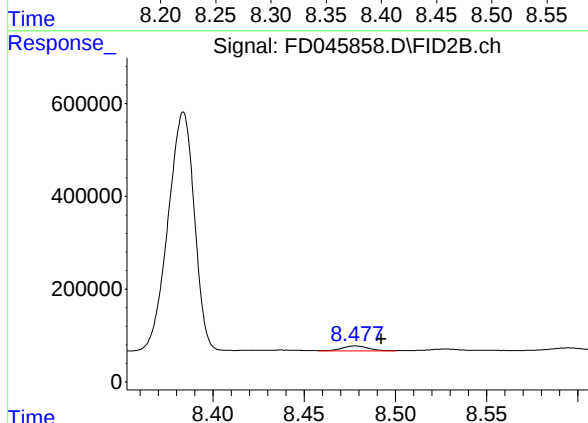
R.T.: 8.184 min
Delta R.T.: -0.013 min
Response: 216142
Conc: 1.14 ug/ml

Instrument :
FID_D
ClientSampleId :



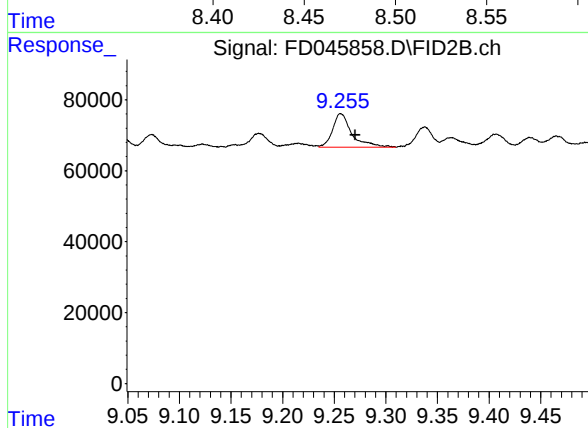
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.384 min
Delta R.T.: -0.009 min
Response: 5179290
Conc: 43.08 ug/ml



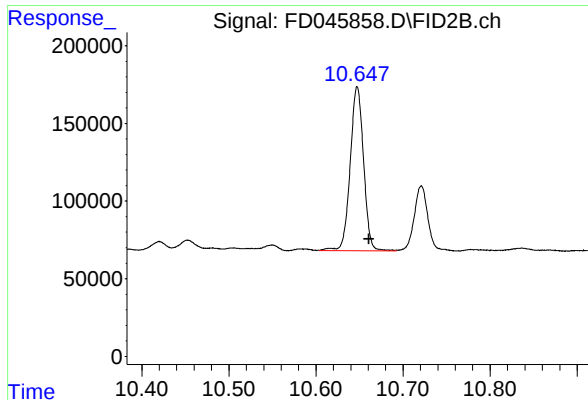
#7 Acenaphthene (C15.5)

R.T.: 8.478 min
Delta R.T.: -0.014 min
Response: 110404
Conc: 0.55 ug/ml



#8 Fluorene (C16.55)

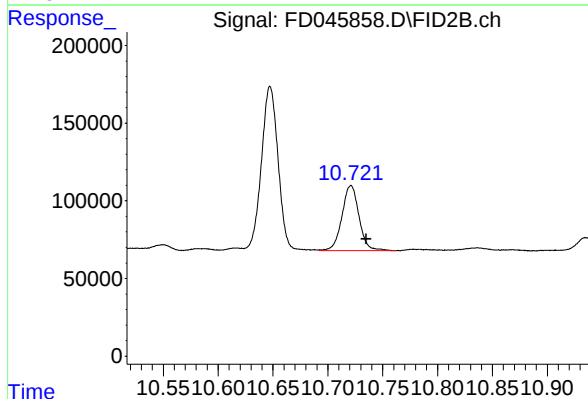
R.T.: 9.257 min
Delta R.T.: -0.014 min
Response: 123380
Conc: 0.62 ug/ml



#9 Phenanthrene (C19.36)

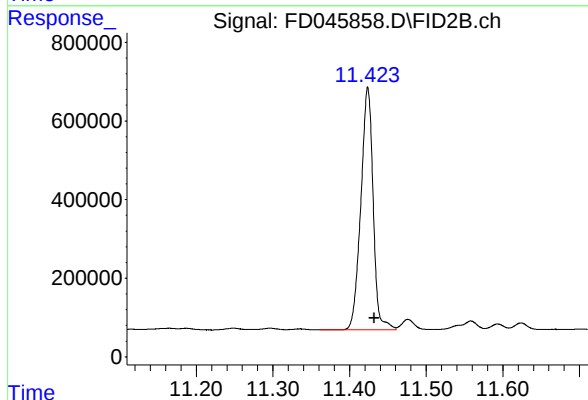
R.T.: 10.647 min
Delta R.T.: -0.014 min
Response: 1130832
Conc: 5.91 ug/ml

Instrument :
FID_D
ClientSampleId :



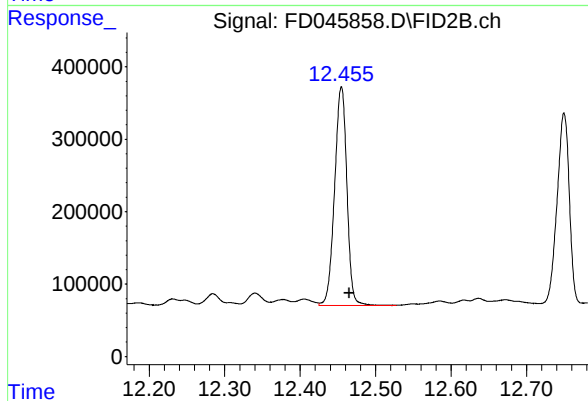
#10 Anthracene (C19.43)

R.T.: 10.721 min
Delta R.T.: -0.014 min
Response: 452894
Conc: 2.66 ug/ml



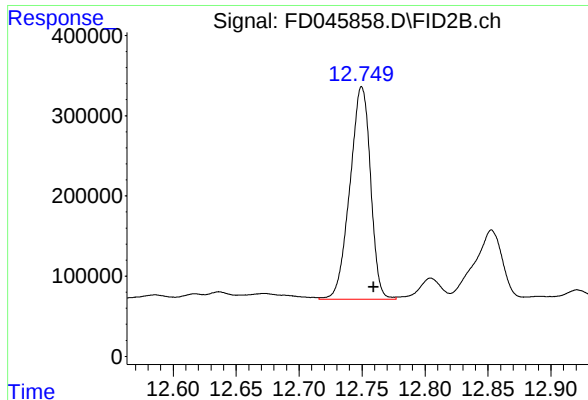
#11 ortho-Terphenyl (SURR)

R.T.: 11.424 min
Delta R.T.: -0.009 min
Response: 6902794
Conc: 30.90 ug/ml



#12 Fluoranthene (C21.85)

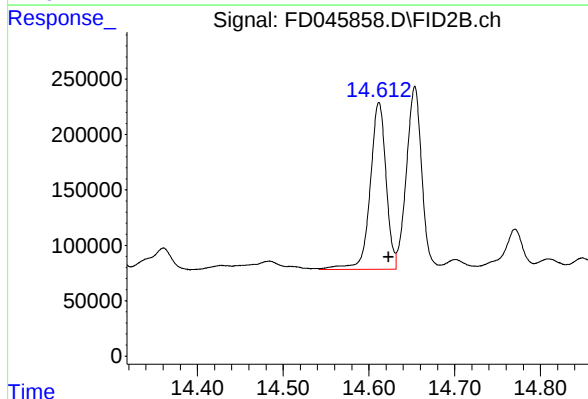
R.T.: 12.455 min
Delta R.T.: -0.010 min
Response: 3412283
Conc: 18.47 ug/ml



#13 Pyrene (C20.8)

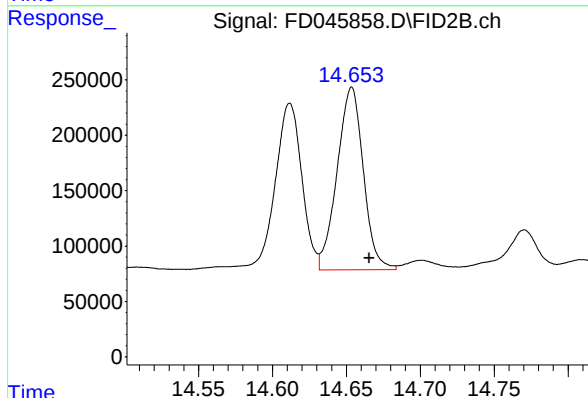
R.T.: 12.750 min
Delta R.T.: -0.010 min
Response: 3026624
Conc: 16.95 ug/ml

Instrument :
FID_D
ClientSampleId :



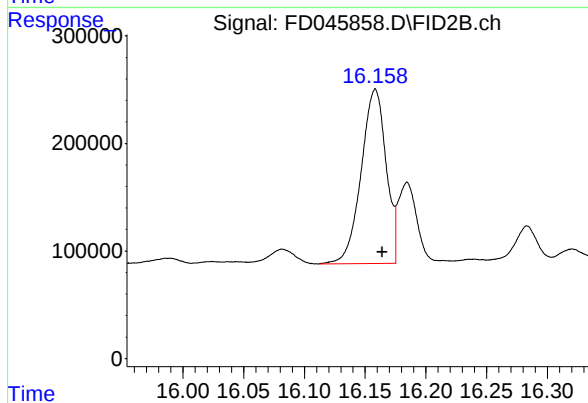
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.612 min
Delta R.T.: -0.011 min
Response: 1941595
Conc: 12.40 ug/ml



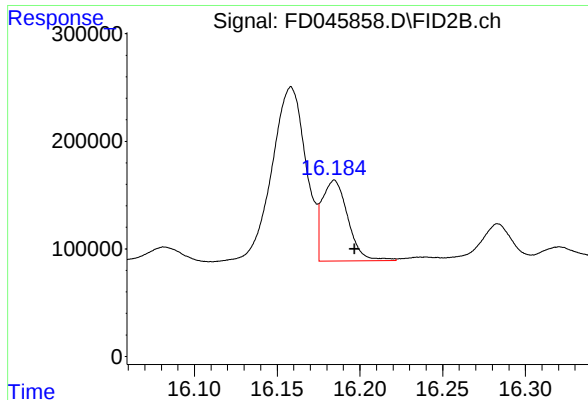
#15 Chrysene (C27.41)

R.T.: 14.653 min
Delta R.T.: -0.012 min
Response: 2036102
Conc: 12.34 ug/ml



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

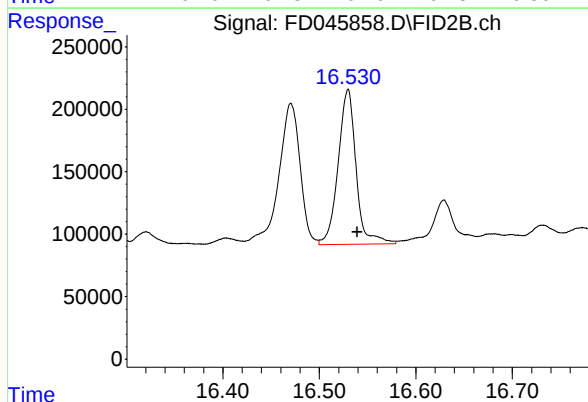
R.T.: 16.158 min
Delta R.T.: -0.006 min
Response: 2315216
Conc: 15.30 ug/ml



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

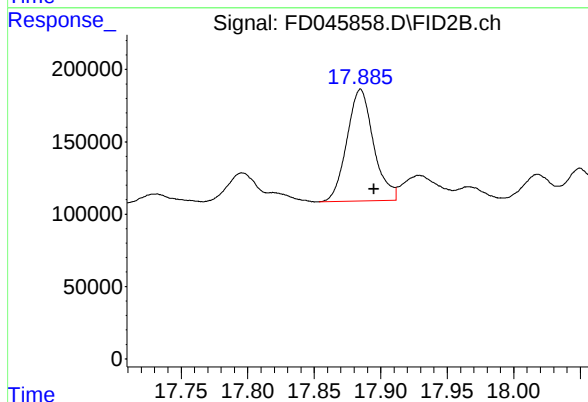
R.T.: 16.184 min
Delta R.T.: -0.012 min
Response: 812580
Conc: 5.25 ug/ml

Instrument :
FID_D
ClientSampleId :



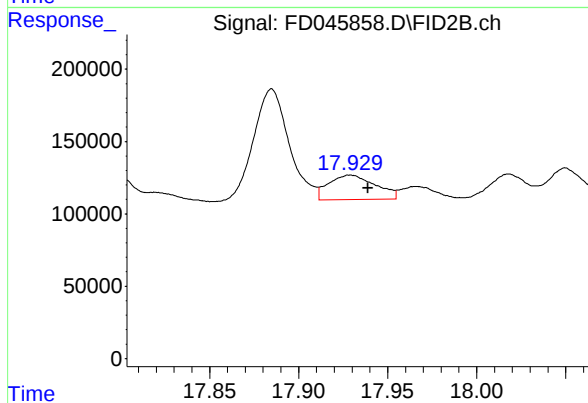
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.530 min
Delta R.T.: -0.010 min
Response: 1593963
Conc: 10.90 ug/ml



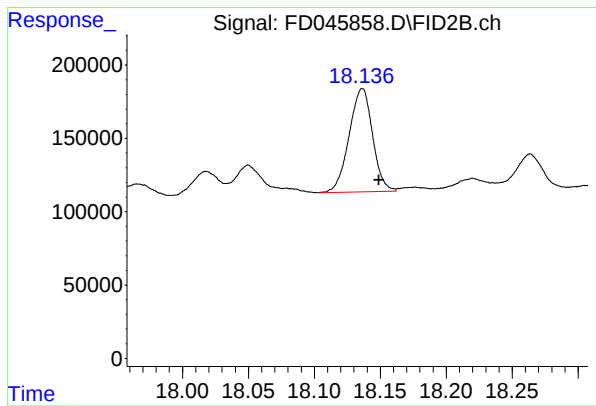
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.885 min
Delta R.T.: -0.010 min
Response: 1078996
Conc: 7.37 ug/ml



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

R.T.: 17.929 min
Delta R.T.: -0.010 min
Response: 309807
Conc: 2.07 ug/ml



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

R.T.: 18.136 min
Delta R.T.: -0.013 min
Response: 868960
Conc: 5.89 ug/ml

Instrument :
FID_D
ClientSampleId :