

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022224AR\
 Data File : FD047288.D
 Signal(s) : FID2B.ch
 Acq On : 23 Feb 2024 02:08
 Operator : YP/AJ
 Sample : P1523-07
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 23 04:18:16 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020824.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 08 13:43:49 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...	7.468	10624249	69.785 ug/ml
Spiked Amount 50.000		Recovery =	139.57%
6) S 2-Fluorobiphenyl (SURR)	8.320	6209389	61.431 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	122.86%
11) S ortho-Terphenyl (SURR)	11.359	9249147	52.442 ug/ml
Spiked Amount 50.000		Recovery =	104.88%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.245	14014	0.089 ug/ml
2) T Naphthalene (C11.7)	5.809	49876	0.300 ug/ml
3) T 2-Methylnaphthalene (...)	6.864	103779	0.615 ug/ml
5) T Acenaphthylene (C15.06)	8.124	39222	0.255 ug/ml
7) T Acenaphthene (C15.5)	8.420	23364	0.142 ug/ml
8) T Flouorene (C16.55)	9.208	55365	0.349 ug/ml
9) T Phenanthrene (C19.36)	10.584	61836	0.398 ug/ml
10) T Anthracene (C19.43)	10.662	39408	0.267 ug/ml
12) T Fluoranthene (C21.85)	12.386	142914	0.923 ug/ml
13) T Pyrene (C20.8)	12.679	109540	0.728 ug/ml
14) T Benzo[a]anthracene (C...	14.547	48430	0.360 ug/ml
15) T Chrysene (C27.41)	14.587	79939	0.546 ug/ml
16) T benzo[b]fluoranthene ...	16.089	54975	0.399 ug/ml
17) T Bnezo[k]fluoranthene ...	16.089	54975	0.396 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.828	340419	2.696 ug/ml
20) T Dibenz[a,h]anthracene...	17.828	340419	2.555 ug/ml
21) T Benzo[g,h,i]perylene ...	18.073	43780	0.330 ug/ml

(f)=RT Delta > 1/2 Window

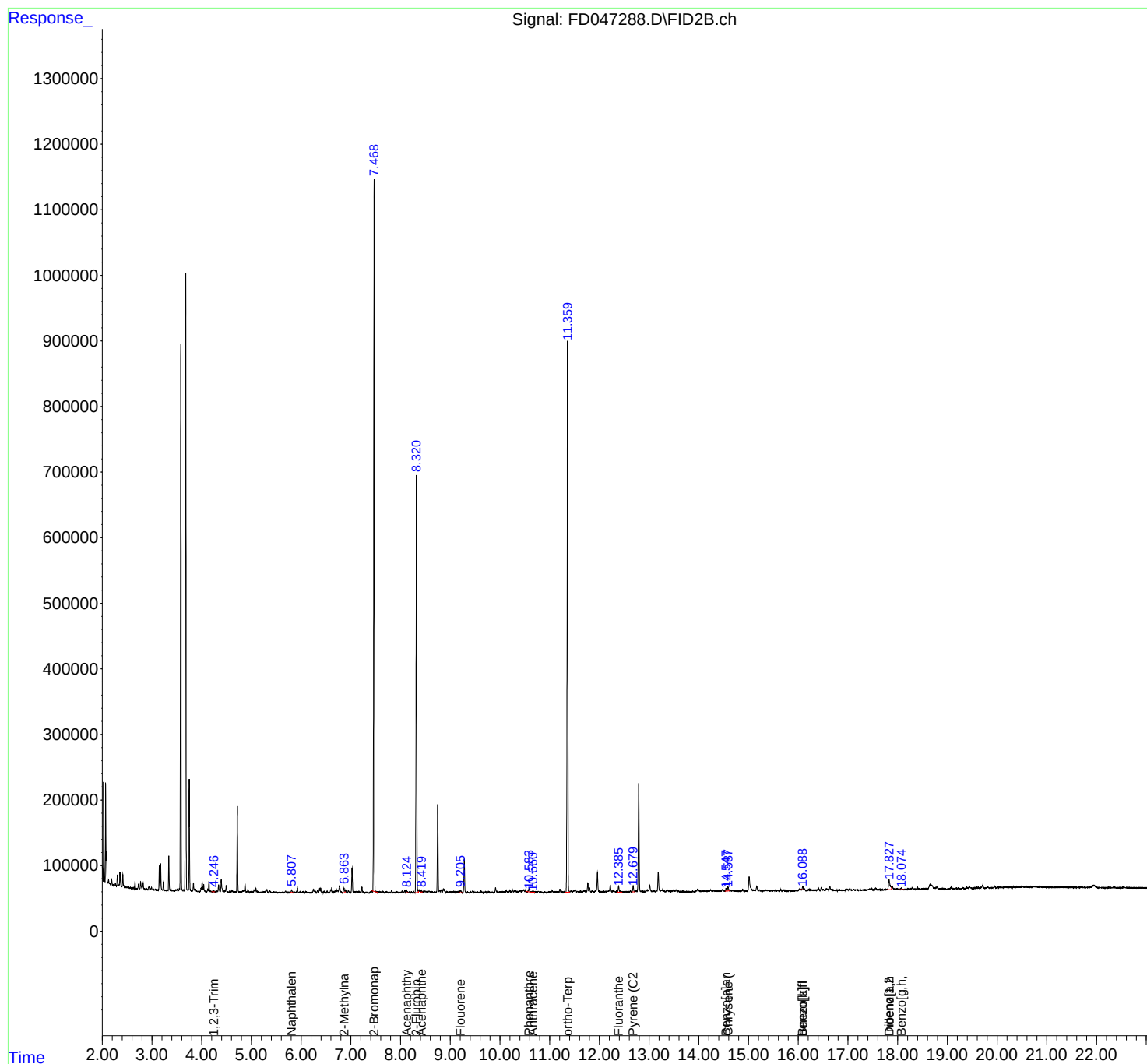
(m)=manual int.

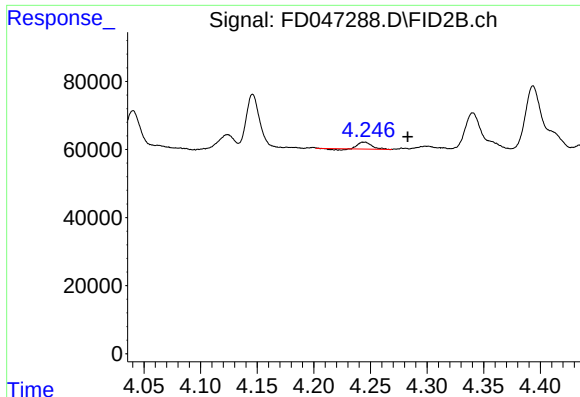
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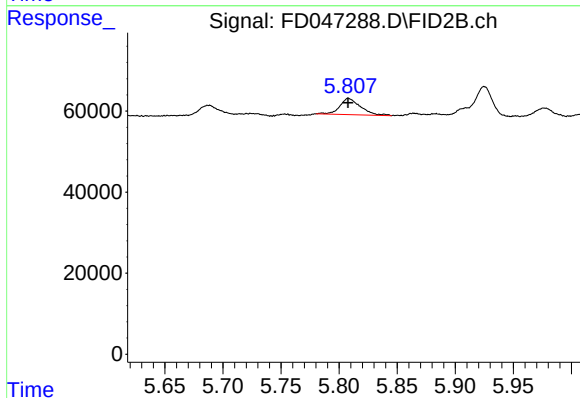




#1 1,2,3-Trimethylbenzene (C10.1)

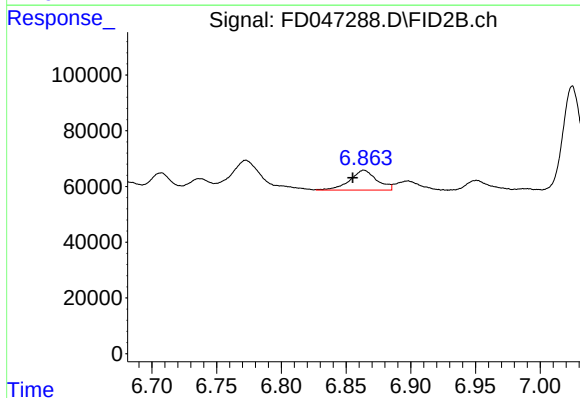
R.T.: 4.245 min
Delta R.T.: -0.038 min
Response: 14014
Conc: 0.09 ug/ml

Instrument :
FID_D
ClientSampleId :



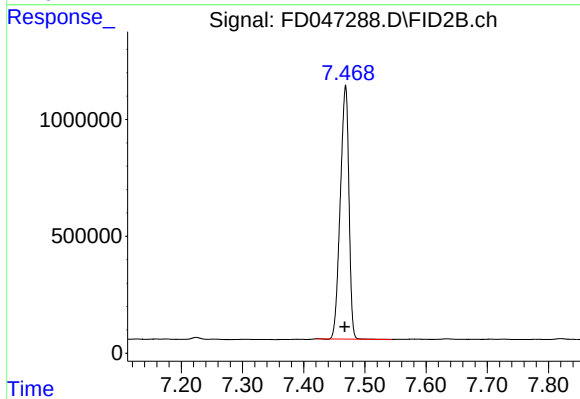
#2 Naphthalene (C11.7)

R.T.: 5.809 min
Delta R.T.: 0.000 min
Response: 49876
Conc: 0.30 ug/ml



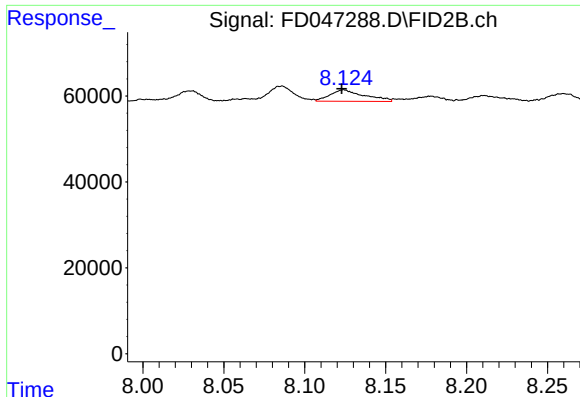
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.864 min
Delta R.T.: 0.009 min
Response: 103779
Conc: 0.62 ug/ml



#4 2-Bromonaphthalene (SURR)

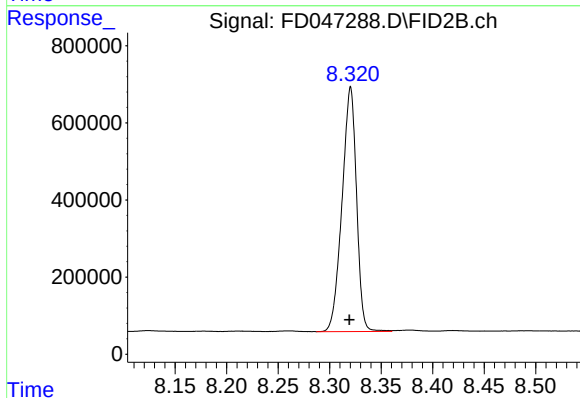
R.T.: 7.468 min
Delta R.T.: 0.000 min
Response: 10624249
Conc: 69.79 ug/ml



#5 Acenaphthylene (C15.06)

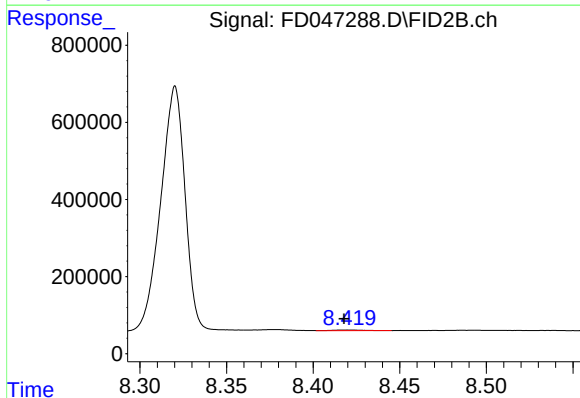
R.T.: 8.124 min
Delta R.T.: 0.001 min
Response: 39222
Conc: 0.25 ug/ml

Instrument :
FID_D
ClientSampleId :



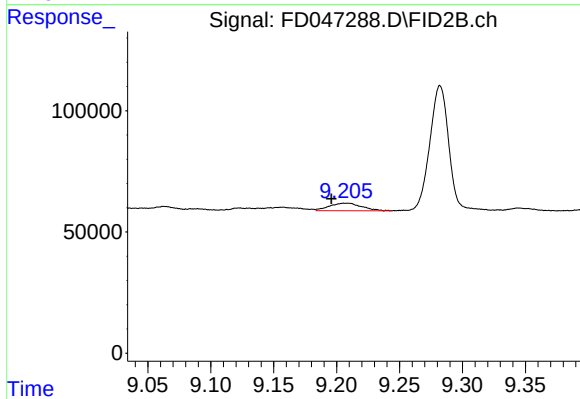
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.320 min
Delta R.T.: 0.000 min
Response: 6209389
Conc: 61.43 ug/ml



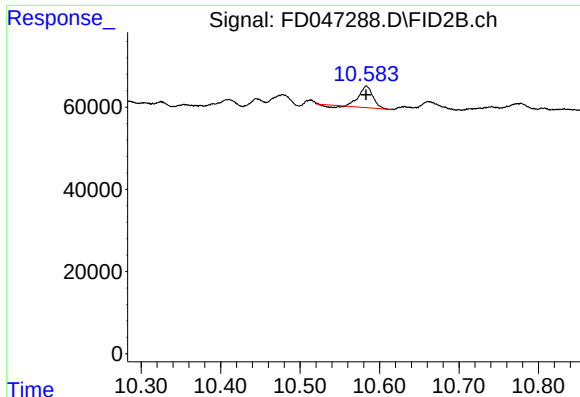
#7 Acenaphthene (C15.5)

R.T.: 8.420 min
Delta R.T.: 0.002 min
Response: 23364
Conc: 0.14 ug/ml



#8 Flouorene (C16.55)

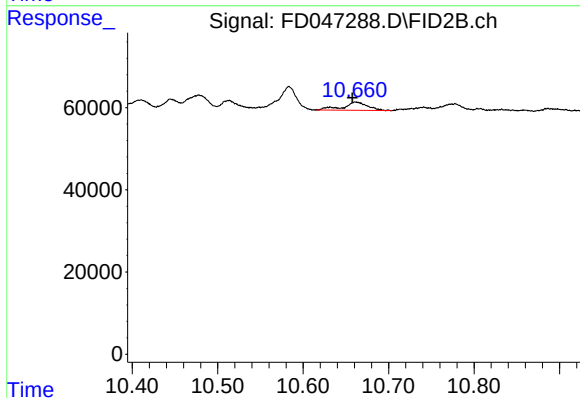
R.T.: 9.208 min
Delta R.T.: 0.012 min
Response: 55365
Conc: 0.35 ug/ml



#9 Phenanthrene (C19.36)

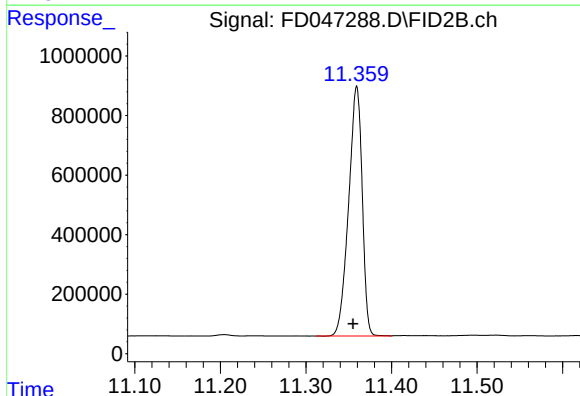
R.T.: 10.584 min
Delta R.T.: 0.000 min
Response: 61836
Conc: 0.40 ug/ml

Instrument :
FID_D
ClientSampleId :



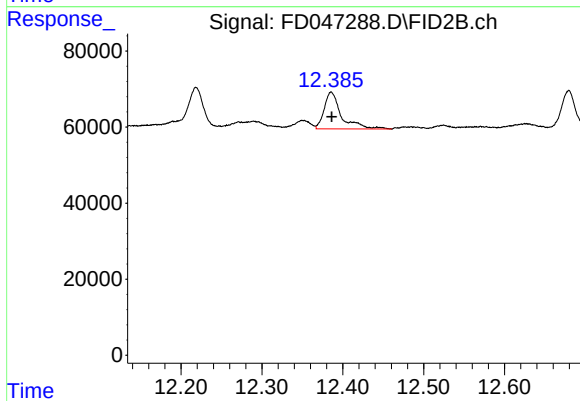
#10 Anthracene (C19.43)

R.T.: 10.662 min
Delta R.T.: 0.005 min
Response: 39408
Conc: 0.27 ug/ml



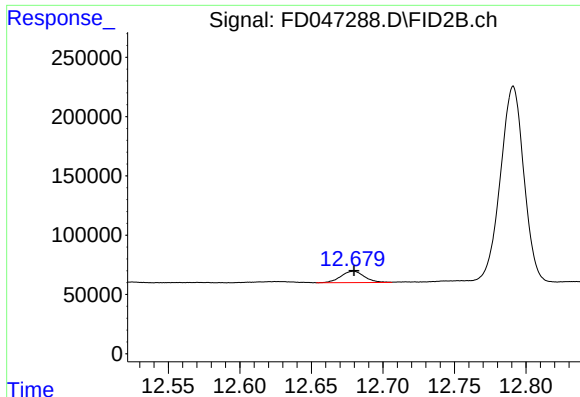
#11 ortho-Terphenyl (SURR)

R.T.: 11.359 min
Delta R.T.: 0.004 min
Response: 9249147
Conc: 52.44 ug/ml



#12 Fluoranthene (C21.85)

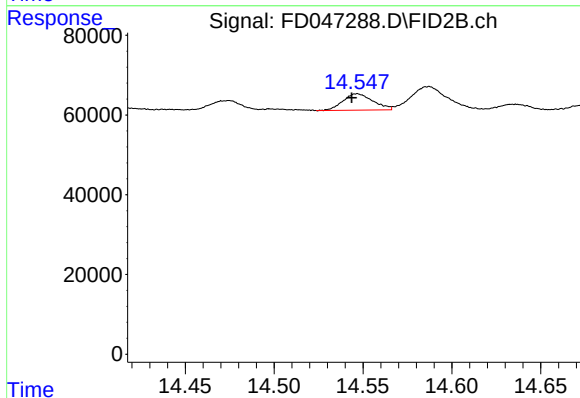
R.T.: 12.386 min
Delta R.T.: 0.000 min
Response: 142914
Conc: 0.92 ug/ml



#13 Pyrene (C20.8)

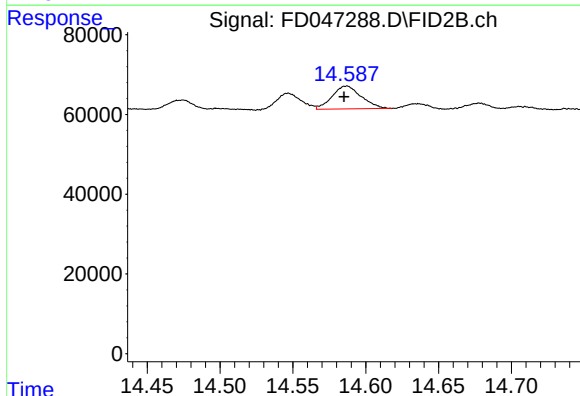
R.T.: 12.679 min
Delta R.T.: 0.000 min
Response: 109540
Conc: 0.73 ug/ml

Instrument :
FID_D
ClientSampleId :



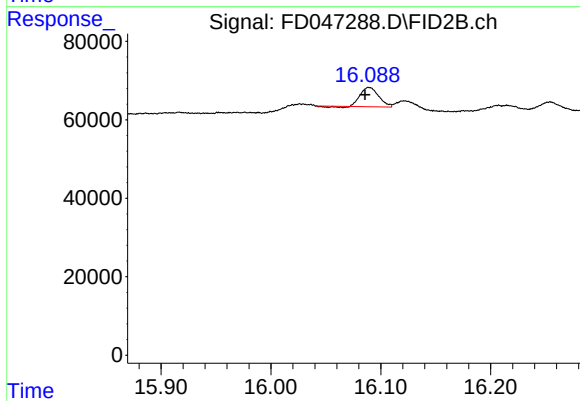
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.547 min
Delta R.T.: 0.003 min
Response: 48430
Conc: 0.36 ug/ml



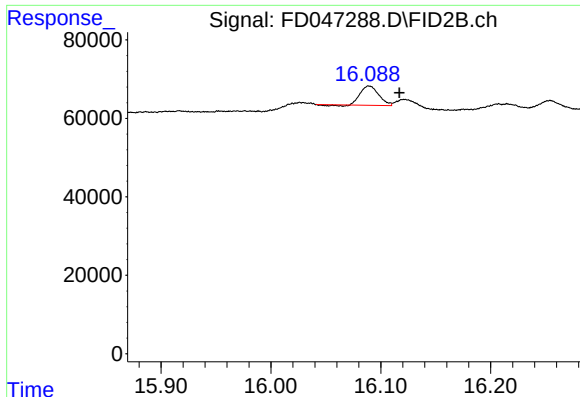
#15 Chrysene (C27.41)

R.T.: 14.587 min
Delta R.T.: 0.002 min
Response: 79939
Conc: 0.55 ug/ml



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

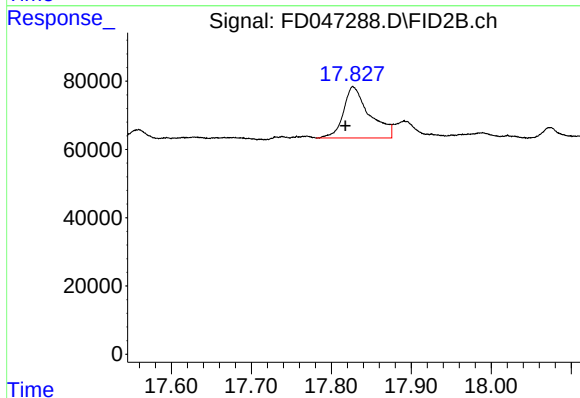
R.T.: 16.089 min
Delta R.T.: 0.004 min
Response: 54975
Conc: 0.40 ug/ml



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

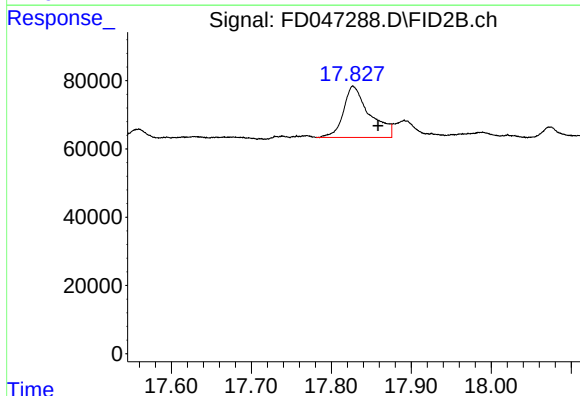
R.T.: 16.089 min
Delta R.T.: -0.027 min
Response: 54975
Conc: 0.40 ug/ml

Instrument :
FID_D
ClientSampleId :



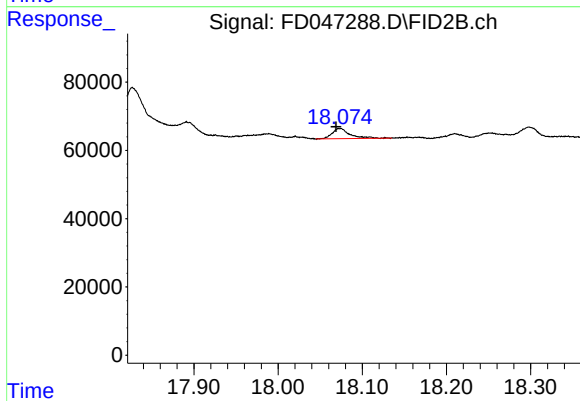
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.828 min
Delta R.T.: 0.010 min
Response: 340419
Conc: 2.70 ug/ml



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

R.T.: 17.828 min
Delta R.T.: -0.031 min
Response: 340419
Conc: 2.55 ug/ml



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

R.T.: 18.073 min
Delta R.T.: 0.005 min
Response: 43780
Conc: 0.33 ug/ml