

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022624AR\
 Data File : FD047325.D
 Signal(s) : FID2B.ch
 Acq On : 27 Feb 2024 01:15
 Operator : YP/AJ
 Sample : P1538-11
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 27 03:10:21 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...	7.466	9140623	60.040 ug/ml
Spiked Amount 50.000		Recovery =	120.08%
6) S 2-Fluorobiphenyl (SURR)	8.318	5765422	57.039 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	114.08%
11) S ortho-Terphenyl (SURR)	11.355	6675040	37.847 ug/ml
Spiked Amount 50.000		Recovery =	75.69%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.244	28256	0.179 ug/ml
2) T Naphthalene (C11.7)	5.808	41999	0.253 ug/ml
3) T 2-Methylnaphthalene (...)	6.862	78873	0.468 ug/ml
5) T Acenaphthylene (C15.06)	8.122	42297	0.275 ug/ml
7) T Acenaphthene (C15.5)	8.414	27937	0.169 ug/ml
8) T Flouorene (C16.55)	9.205	41284	0.260 ug/ml
9) T Phenanthrene (C19.36)	10.582	56689	0.365 ug/ml
10) T Anthracene (C19.43)	10.662	33791	0.229 ug/ml
12) T Fluoranthene (C21.85)	12.384	95127	0.614 ug/ml
13) T Pyrene (C20.8)	12.677	109255	0.726 ug/ml
14) T Benzo[a]anthracene (C...	14.543	47333	0.352 ug/ml
15) T Chrysene (C27.41)	14.583	69685	0.476 ug/ml
16) T benzo[b]fluoranthene ...	16.086	75794	0.550 ug/ml
17) T Bnezo[k]fluoranthene ...	16.117	36070	0.260 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.821	216211	1.713 ug/ml
20) T Dibenz[a,h]anthracene...	17.886	55816	0.419 ug/ml
21) T Benzo[g,h,i]perylene ...	18.070	48415	0.365 ug/ml

(f)=RT Delta > 1/2 Window

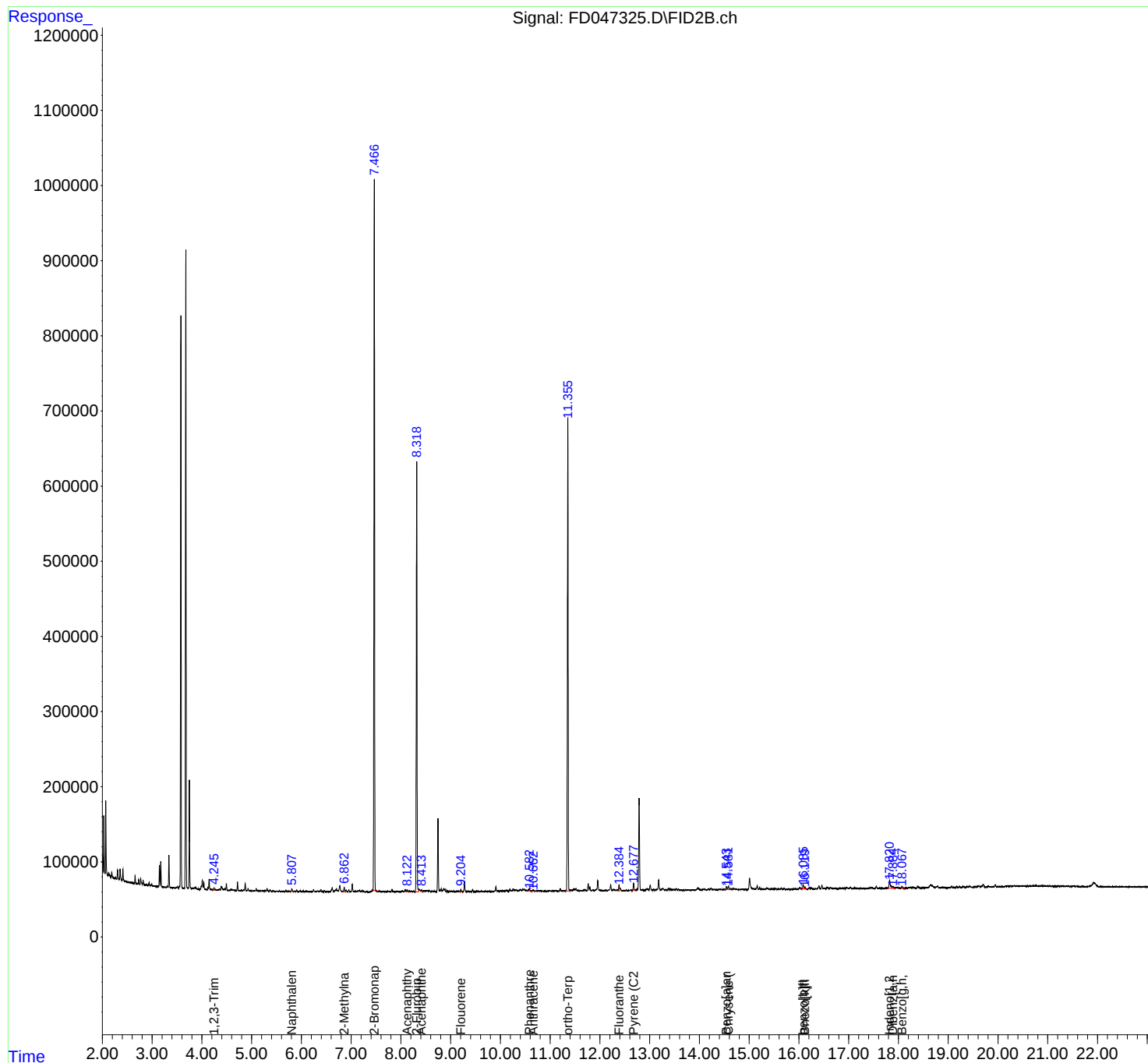
(m)=manual int.

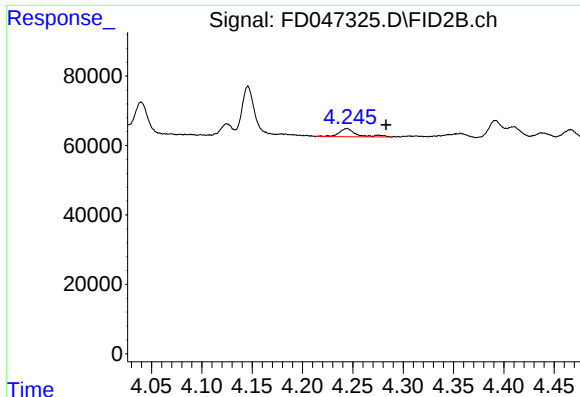
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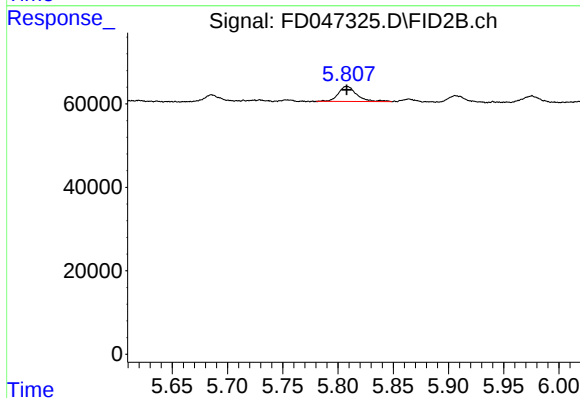




#1 1,2,3-Trimethylbenzene (C10.1)

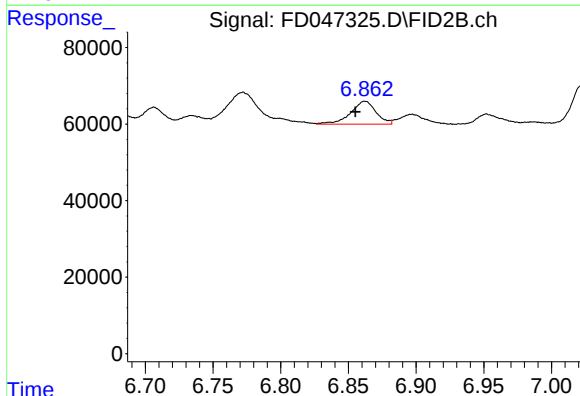
R.T.: 4.244 min
Delta R.T.: -0.039 min
Response: 28256
Conc: 0.18 ug/ml

Instrument :
FID_D
ClientSampleId :



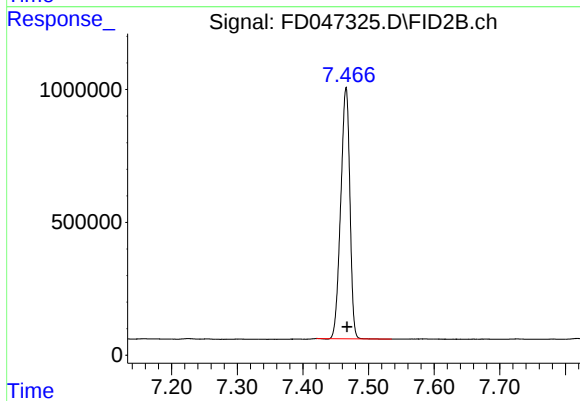
#2 Naphthalene (C11.7)

R.T.: 5.808 min
Delta R.T.: 0.000 min
Response: 41999
Conc: 0.25 ug/ml



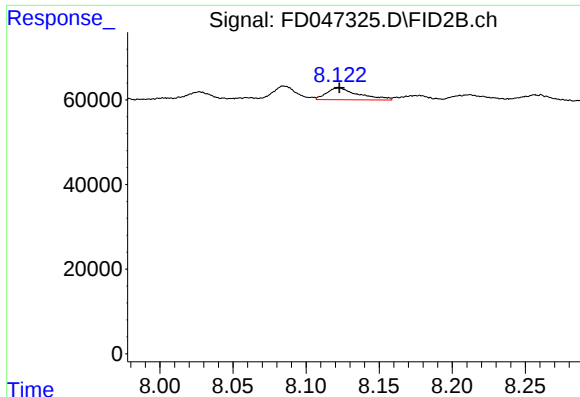
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.862 min
Delta R.T.: 0.007 min
Response: 78873
Conc: 0.47 ug/ml



#4 2-Bromonaphthalene (SURR)

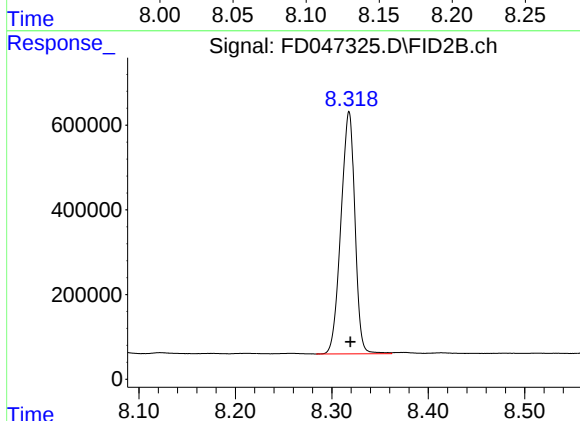
R.T.: 7.466 min
Delta R.T.: -0.002 min
Response: 9140623
Conc: 60.04 ug/ml



#5 Acenaphthylene (C15.06)

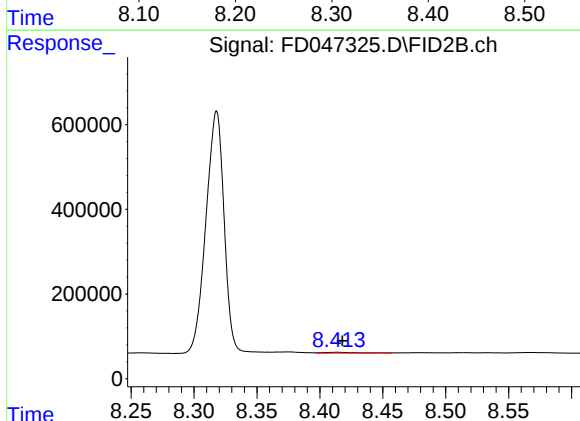
R.T.: 8.122 min
Delta R.T.: 0.000 min
Response: 42297
Conc: 0.27 ug/ml

Instrument :
FID_D
ClientSampleId :



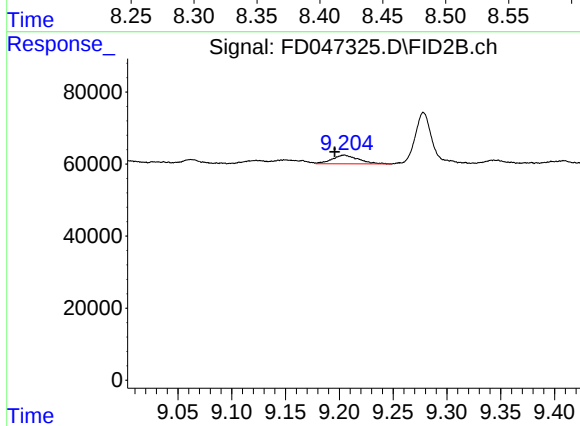
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.318 min
Delta R.T.: -0.002 min
Response: 5765422
Conc: 57.04 ug/ml



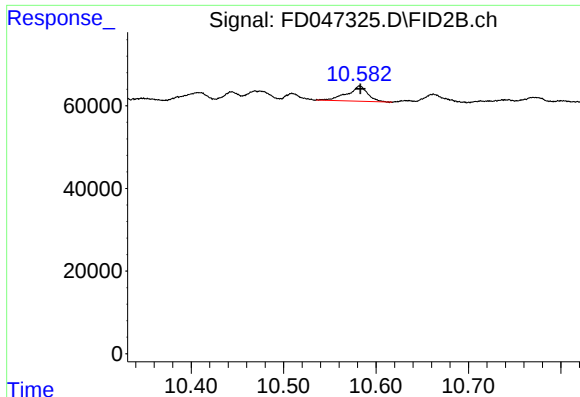
#7 Acenaphthene (C15.5)

R.T.: 8.414 min
Delta R.T.: -0.004 min
Response: 27937
Conc: 0.17 ug/ml



#8 Flouorene (C16.55)

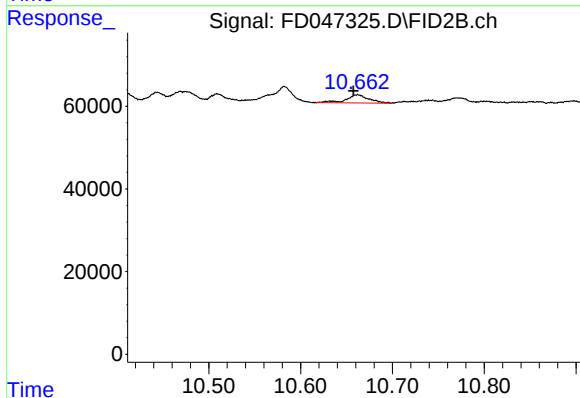
R.T.: 9.205 min
Delta R.T.: 0.009 min
Response: 41284
Conc: 0.26 ug/ml



#9 Phenanthrene (C19.36)

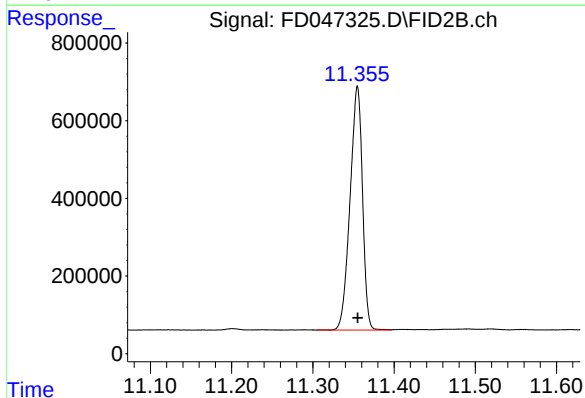
R.T.: 10.582 min
Delta R.T.: 0.000 min
Response: 56689
Conc: 0.36 ug/ml

Instrument :
FID_D
ClientSampleId :



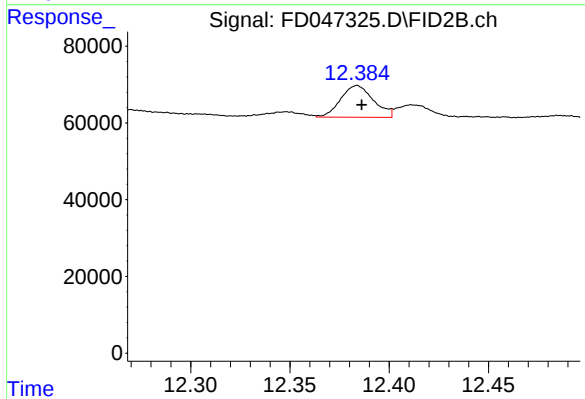
#10 Anthracene (C19.43)

R.T.: 10.662 min
Delta R.T.: 0.004 min
Response: 33791
Conc: 0.23 ug/ml



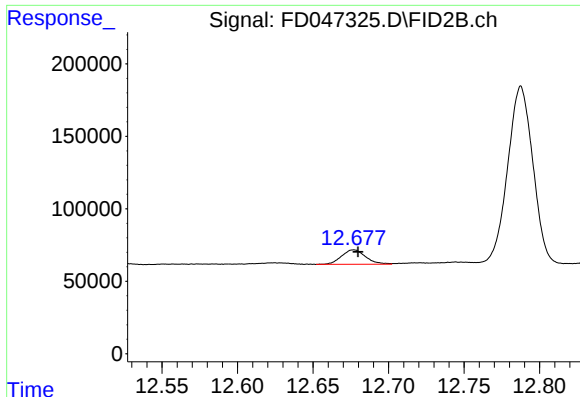
#11 ortho-Terphenyl (SURR)

R.T.: 11.355 min
Delta R.T.: 0.000 min
Response: 6675040
Conc: 37.85 ug/ml



#12 Fluoranthene (C21.85)

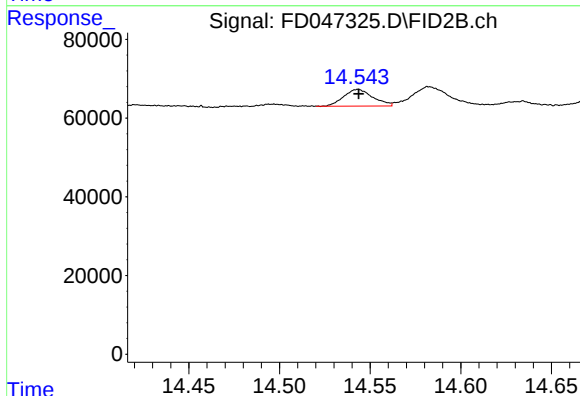
R.T.: 12.384 min
Delta R.T.: -0.002 min
Response: 95127
Conc: 0.61 ug/ml



#13 Pyrene (C20.8)

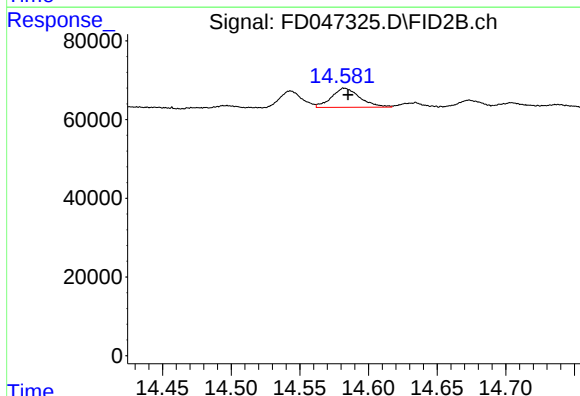
R.T.: 12.677 min
Delta R.T.: -0.003 min
Response: 109255
Conc: 0.73 ug/ml

Instrument :
FID_D
ClientSampleId :



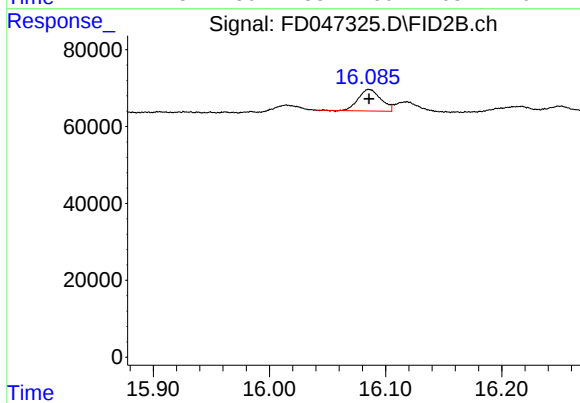
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.543 min
Delta R.T.: 0.000 min
Response: 47333
Conc: 0.35 ug/ml



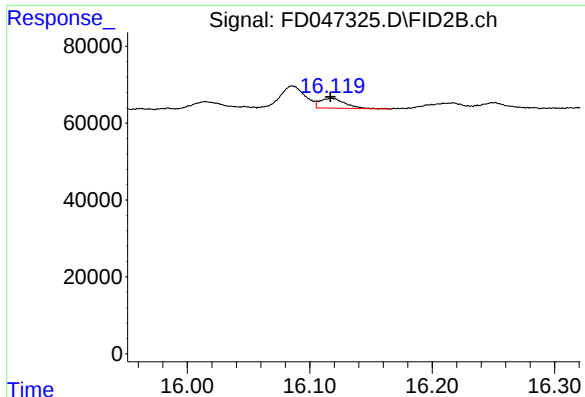
#15 Chrysene (C27.41)

R.T.: 14.583 min
Delta R.T.: -0.002 min
Response: 69685
Conc: 0.48 ug/ml



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

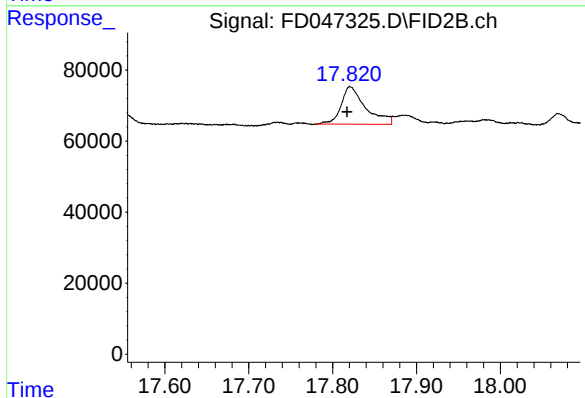
R.T.: 16.086 min
Delta R.T.: 0.000 min
Response: 75794
Conc: 0.55 ug/ml



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

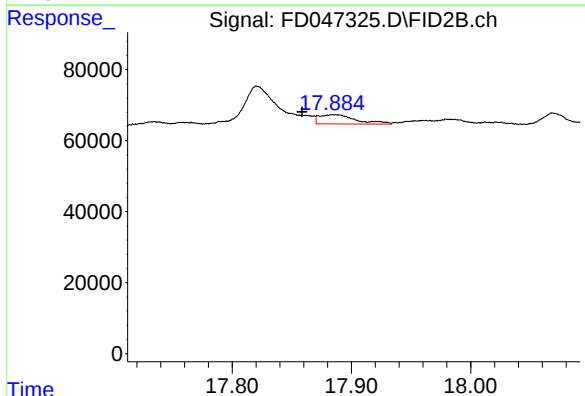
R.T.: 16.117 min
Delta R.T.: 0.000 min
Response: 36070
Conc: 0.26 ug/ml

Instrument :
FID_D
ClientSampleId :



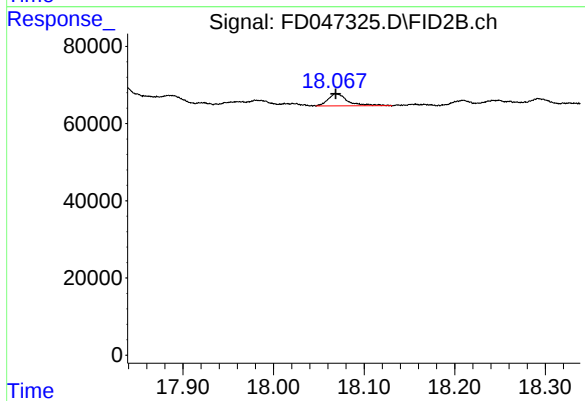
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.821 min
Delta R.T.: 0.004 min
Response: 216211
Conc: 1.71 ug/ml



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

R.T.: 17.886 min
Delta R.T.: 0.027 min
Response: 55816
Conc: 0.42 ug/ml



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

R.T.: 18.070 min
Delta R.T.: 0.000 min
Response: 48415
Conc: 0.37 ug/ml