

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022624AR\
 Data File : FD047327.D
 Signal(s) : FID2B.ch
 Acq On : 27 Feb 2024 02:31
 Operator : YP/AJ
 Sample : P1538-13
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 27 03:11:42 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...	7.465	8876535	58.305 ug/ml
Spiked Amount 50.000		Recovery =	116.61%
6) S 2-Fluorobiphenyl (SURR)	8.318	5590811	55.311 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	110.62%
11) S ortho-Terphenyl (SURR)	11.353	5411312	30.682 ug/ml
Spiked Amount 50.000		Recovery =	61.36%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.245	21802	0.138 ug/ml
2) T Naphthalene (C11.7)	5.808	49657	0.299 ug/ml
3) T 2-Methylnaphthalene (...)	6.861	110362	0.654 ug/ml
5) T Acenaphthylene (C15.06)	8.122	67101	0.436 ug/ml
7) T Acenaphthene (C15.5)	8.375	77630	0.471 ug/ml
8) T Flouorene (C16.55)	9.206	70139	0.442 ug/ml
9) T Phenanthrene (C19.36)	10.582	60288	0.388 ug/ml
10) T Anthracene (C19.43)	10.660	53565	0.363 ug/ml
12) T Fluoranthene (C21.85)	12.383	203893	1.317 ug/ml
13) T Pyrene (C20.8)	12.675	210234	1.398 ug/ml
14) T Benzo[a]anthracene (C...	14.541	93850	0.698 ug/ml
15) T Chrysene (C27.41)	14.581	122970	0.840 ug/ml
16) T benzo[b]fluoranthene ...	16.085	132433	0.962 ug/ml
17) T Bnezo[k]fluoranthene ...	16.113	50010	0.360 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.821	279709	2.216 ug/ml
20) T Dibenz[a,h]anthracene...	17.885	40847	0.307 ug/ml
21) T Benzo[g,h,i]perylene ...	18.066	70429	0.531 ug/ml

(f)=RT Delta > 1/2 Window

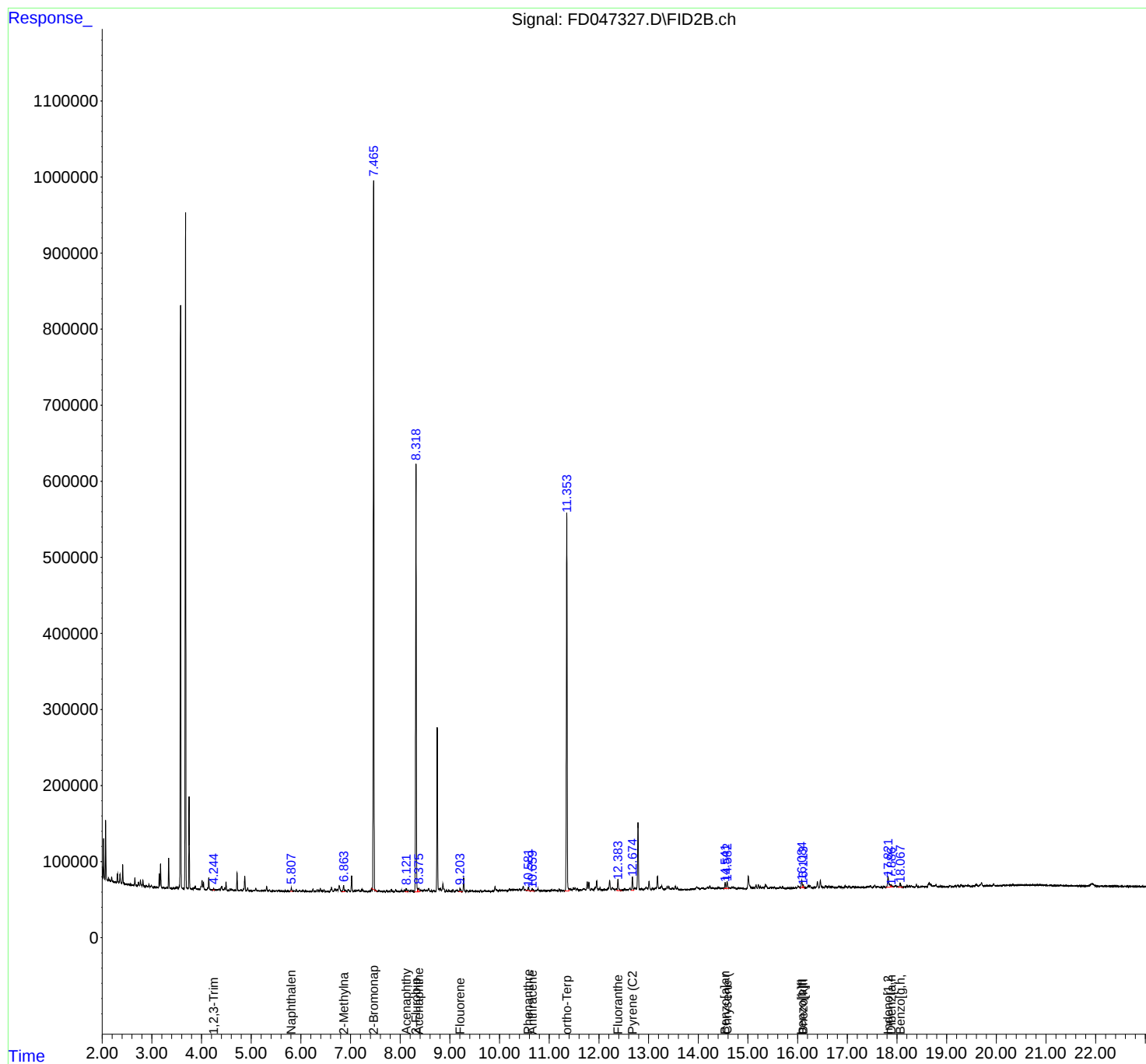
(m)=manual int.

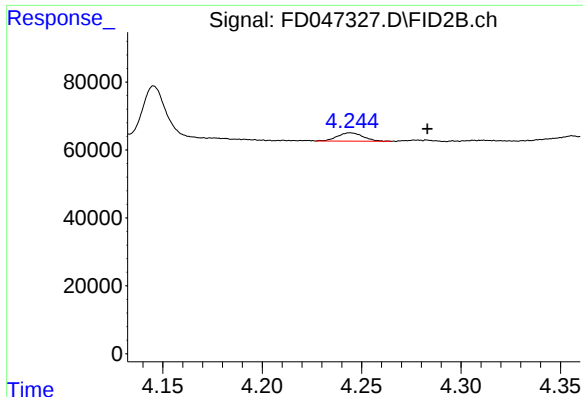
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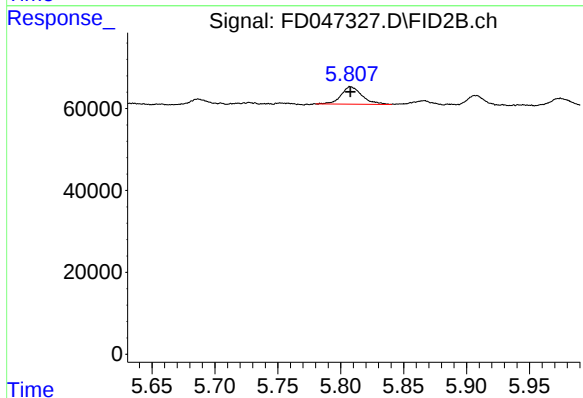




#1 1,2,3-Trimethylbenzene (C10.1)

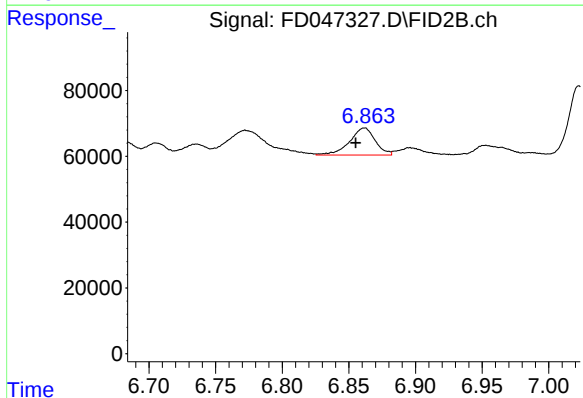
R.T.: 4.245 min
Delta R.T.: -0.038 min
Response: 21802
Conc: 0.14 ug/ml

Instrument :
FID_D
ClientSampleId :



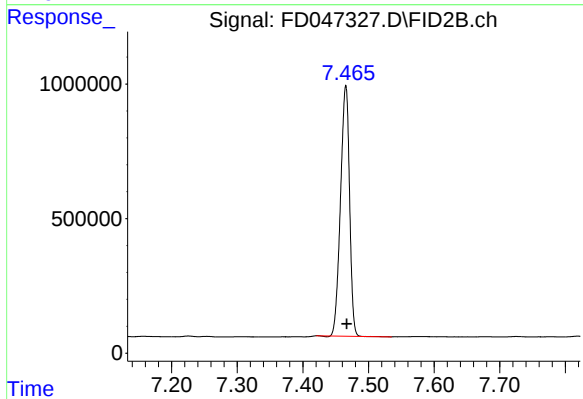
#2 Naphthalene (C11.7)

R.T.: 5.808 min
Delta R.T.: 0.000 min
Response: 49657
Conc: 0.30 ug/ml



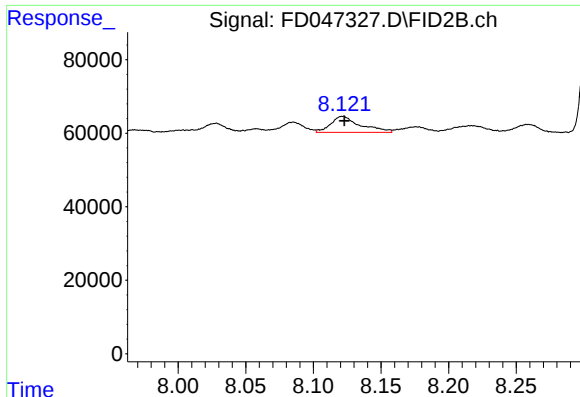
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.861 min
Delta R.T.: 0.006 min
Response: 110362
Conc: 0.65 ug/ml



#4 2-Bromonaphthalene (SURR)

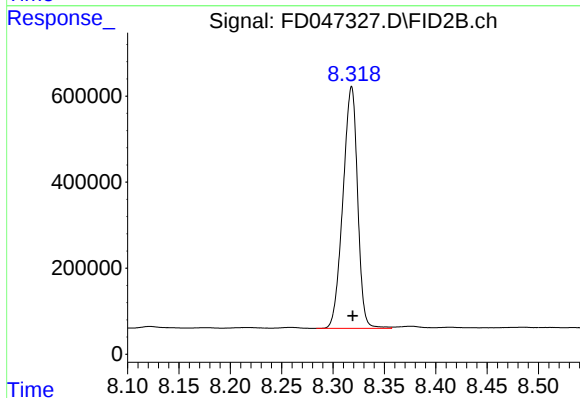
R.T.: 7.465 min
Delta R.T.: -0.002 min
Response: 8876535
Conc: 58.31 ug/ml



#5 Acenaphthylene (C15.06)

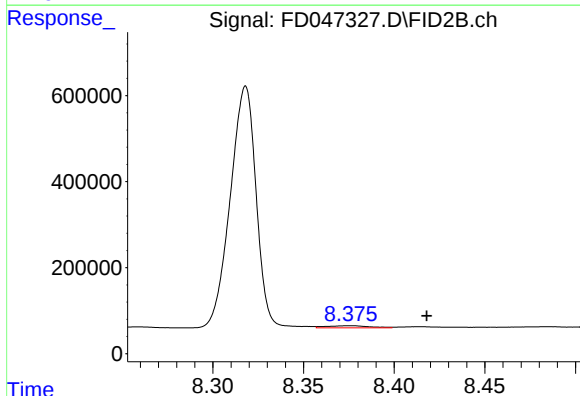
R.T.: 8.122 min
Delta R.T.: -0.001 min
Response: 67101
Conc: 0.44 ug/ml

Instrument :
FID_D
ClientSampleId :



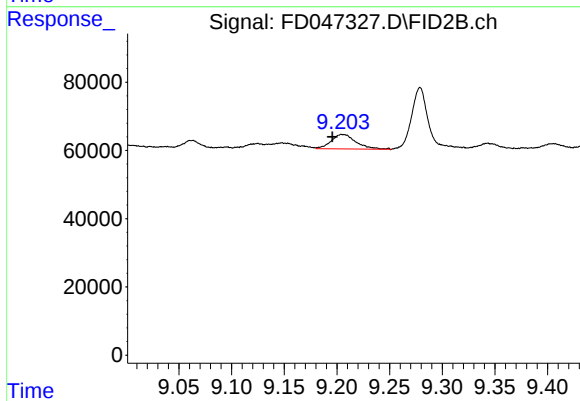
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.318 min
Delta R.T.: -0.002 min
Response: 5590811
Conc: 55.31 ug/ml



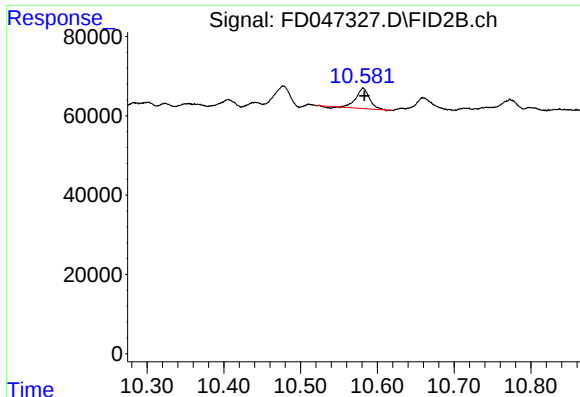
#7 Acenaphthene (C15.5)

R.T.: 8.375 min
Delta R.T.: -0.043 min
Response: 77630
Conc: 0.47 ug/ml



#8 Fluorene (C16.55)

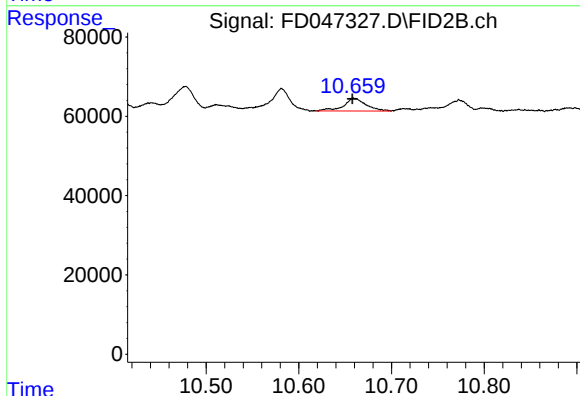
R.T.: 9.206 min
Delta R.T.: 0.010 min
Response: 70139
Conc: 0.44 ug/ml



#9 Phenanthrene (C19.36)

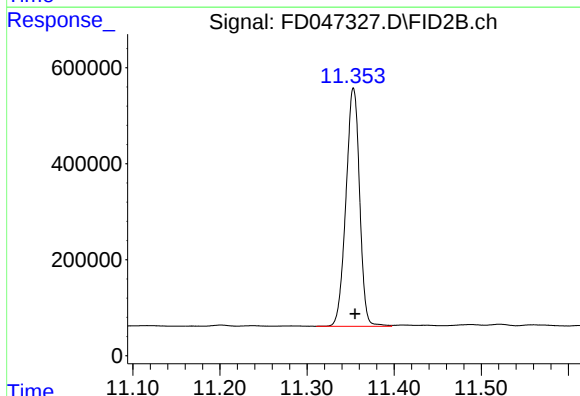
R.T.: 10.582 min
Delta R.T.: -0.002 min
Response: 60288
Conc: 0.39 ug/ml

Instrument :
FID_D
ClientSampleId :



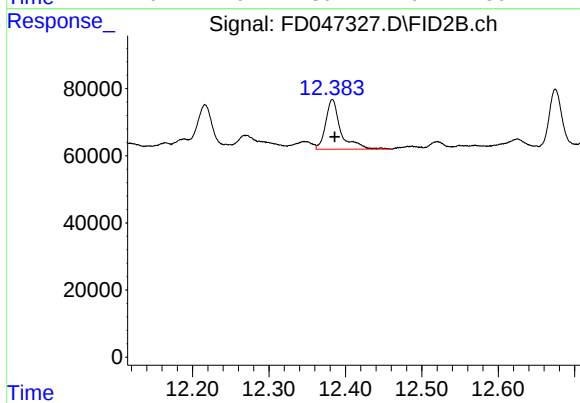
#10 Anthracene (C19.43)

R.T.: 10.660 min
Delta R.T.: 0.002 min
Response: 53565
Conc: 0.36 ug/ml



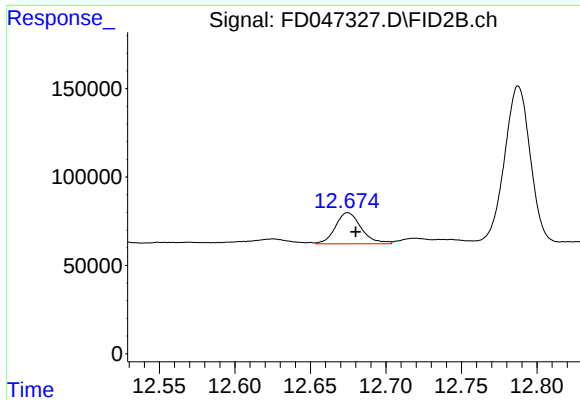
#11 ortho-Terphenyl (SURR)

R.T.: 11.353 min
Delta R.T.: -0.002 min
Response: 5411312
Conc: 30.68 ug/ml



#12 Fluoranthene (C21.85)

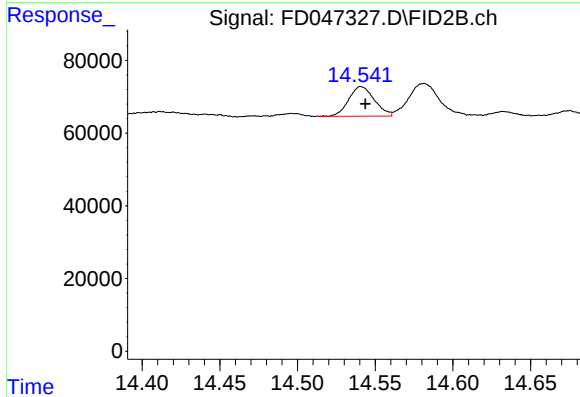
R.T.: 12.383 min
Delta R.T.: -0.003 min
Response: 203893
Conc: 1.32 ug/ml



#13 Pyrene (C20.8)

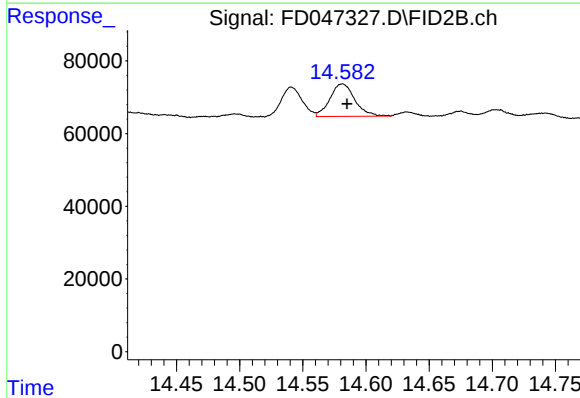
R.T.: 12.675 min
Delta R.T.: -0.005 min
Response: 210234
Conc: 1.40 ug/ml

Instrument :
FID_D
ClientSampleId :



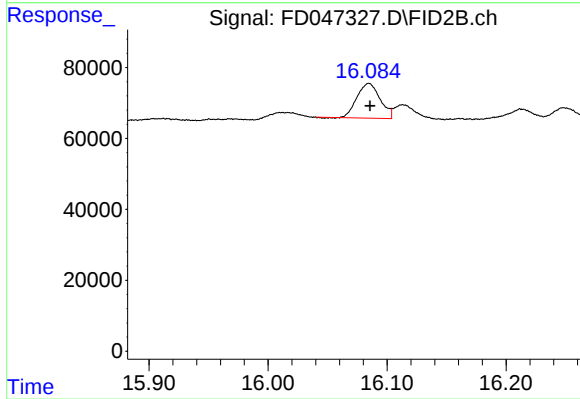
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.541 min
Delta R.T.: -0.003 min
Response: 93850
Conc: 0.70 ug/ml



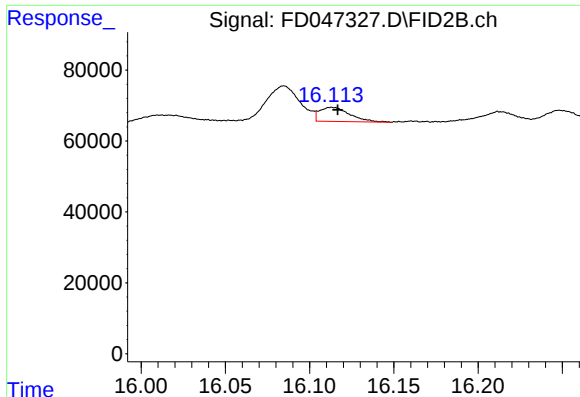
#15 Chrysene (C27.41)

R.T.: 14.581 min
Delta R.T.: -0.004 min
Response: 122970
Conc: 0.84 ug/ml



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

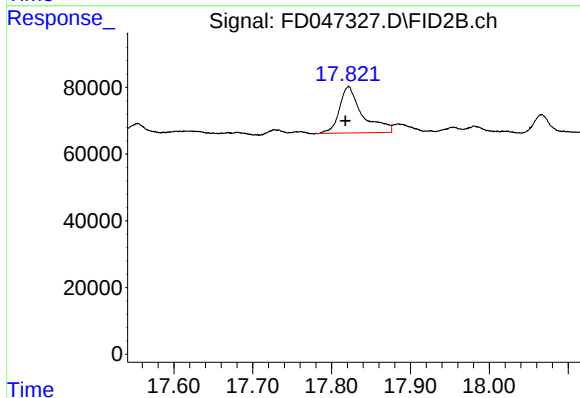
R.T.: 16.085 min
Delta R.T.: -0.001 min
Response: 132433
Conc: 0.96 ug/ml



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

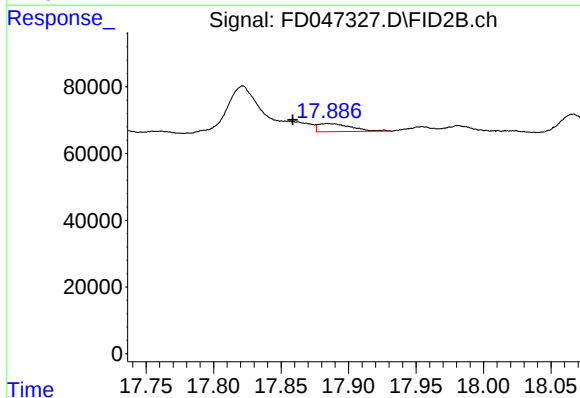
R.T.: 16.113 min
Delta R.T.: -0.004 min
Response: 50010
Conc: 0.36 ug/ml

Instrument :
FID_D
ClientSampleId :



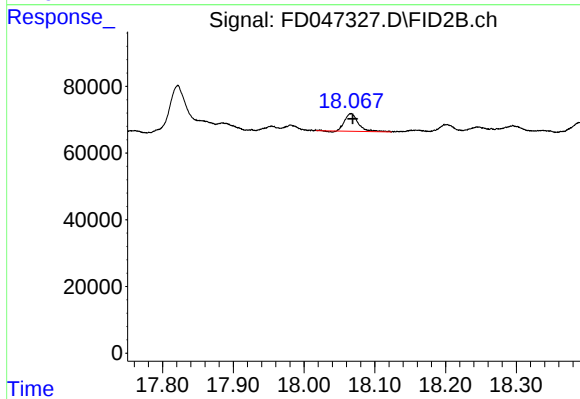
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.821 min
Delta R.T.: 0.004 min
Response: 279709
Conc: 2.22 ug/ml



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

R.T.: 17.885 min
Delta R.T.: 0.027 min
Response: 40847
Conc: 0.31 ug/ml



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

R.T.: 18.066 min
Delta R.T.: -0.002 min
Response: 70429
Conc: 0.53 ug/ml