

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122623AR\
 Data File : FD047089.D
 Signal(s) : FID2B.ch
 Acq On : 26 Dec 2023 11:20
 Operator : YP/AJ
 Sample : 05993-02D
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 26 22:25:27 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 122223.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 22 16:13:06 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

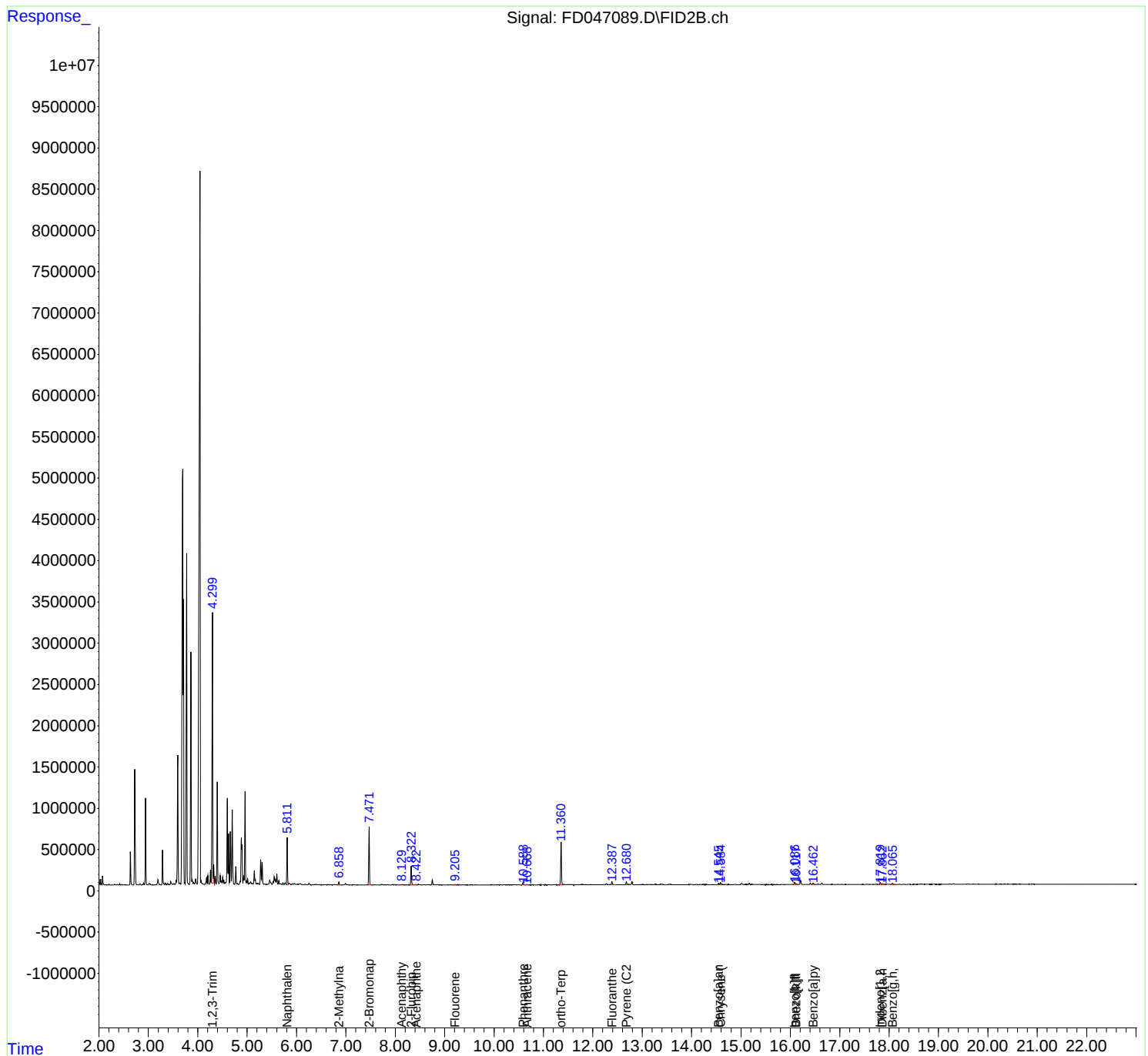
System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.471	6895389	41.593 ug/ml
Spiked Amount 50.000		Recovery =	83.19%
6) S 2-Fluorobiphenyl (SURR)	8.323	2440551	23.420 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	46.84%
11) S ortho-Terphenyl (SURR)	11.360	5661066	29.315 ug/ml
Spiked Amount 50.000		Recovery =	58.63%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.299	31893822	176.772 ug/ml
2) T Naphthalene (C11.7)	5.811	5293697	28.759 ug/ml
3) T 2-Methylnaphthalene (...)	6.859	429084	2.338 ug/ml
5) T Acenaphthylene (C15.06)	8.129	77852	0.464 ug/ml
7) T Acenaphthene (C15.5)	8.422	69923	0.389 ug/ml
8) T Fluorene (C16.55)	9.206	67926	0.410 ug/ml
9) T Phenanthrene (C19.36)	10.588	306864	1.967 ug/ml
10) T Anthracene (C19.43)	10.669	74540	0.515 ug/ml
12) T Fluoranthene (C21.85)	12.388	511794	3.381 ug/ml
13) T Pyrene (C20.8)	12.681	441628	3.011 ug/ml
14) T Benzo[a]anthracene (C...	14.546	225598	1.833 ug/ml
15) T Chrysene (C27.41)	14.584	334071	2.380 ug/ml
16) T benzo[b]fluoranthene ...	16.087	364621	2.831 ug/ml
17) T Bnezo[k]fluoranthene ...	16.116	131495	0.989 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.462	240023	1.889 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.820	333942	3.012 ug/ml
20) T Dibenz[a,h]anthracene...	17.863	184669	1.445 ug/ml
21) T Benzo[g,h,i]perylene ...	18.066	209410	1.635 ug/ml

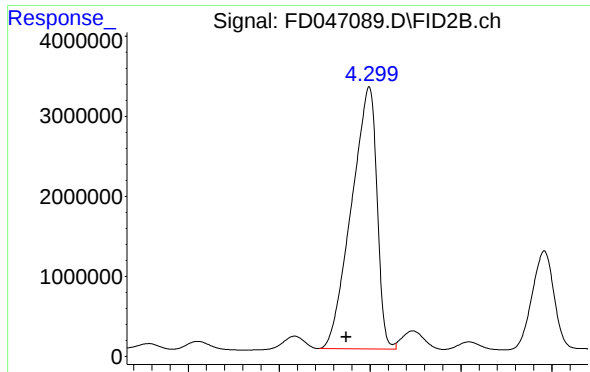
(f)=RT Delta > 1/2 Window

(m)=manual int.

Instrument :
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Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

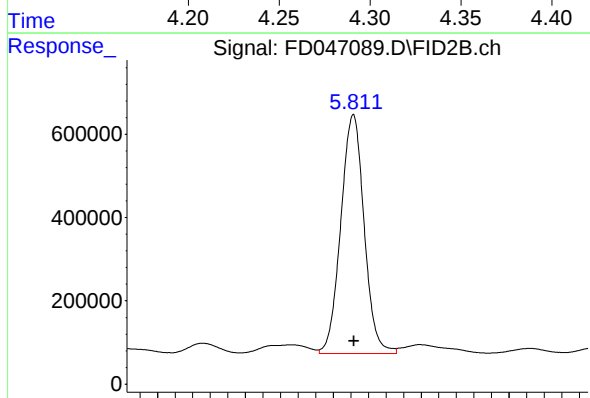




#1 1,2,3-Trimethylbenzene (C10.1)

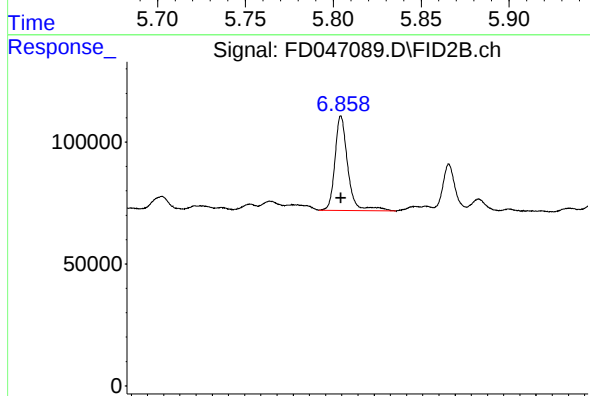
R.T.: 4.299 min
Delta R.T.: 0.012 min
Response: 31893822
Conc: 176.77 ug/ml

Instrument :
FID_D
ClientSampleId :



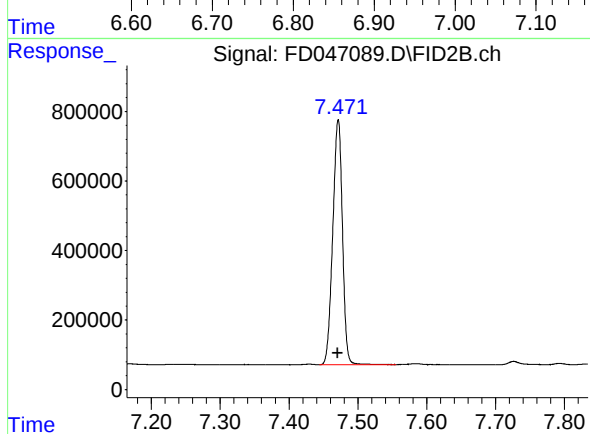
#2 Naphthalene (C11.7)

R.T.: 5.811 min
Delta R.T.: 0.000 min
Response: 5293697
Conc: 28.76 ug/ml



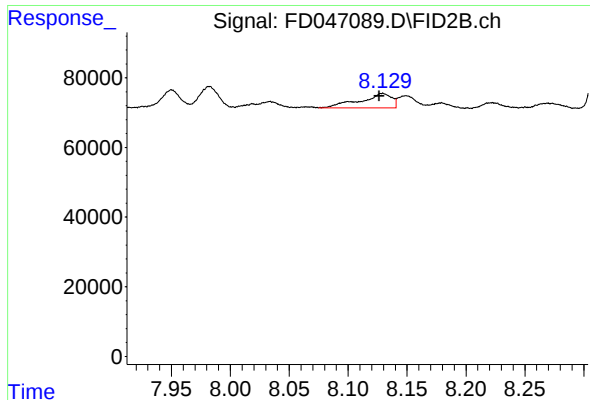
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.859 min
Delta R.T.: 0.000 min
Response: 429084
Conc: 2.34 ug/ml



#4 2-Bromonaphthalene (SURR)

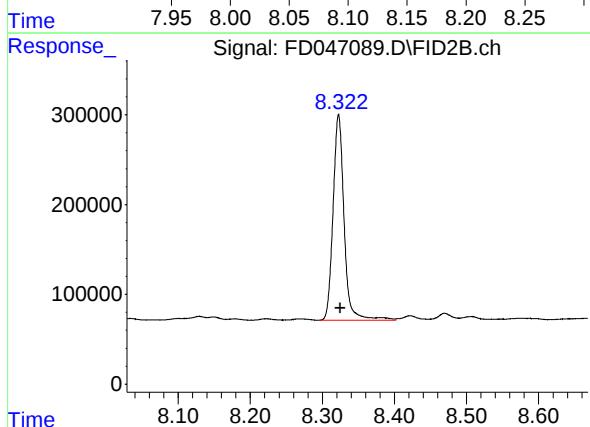
R.T.: 7.471 min
Delta R.T.: 0.000 min
Response: 6895389
Conc: 41.59 ug/ml



#5 Acenaphthylene (C15.06)

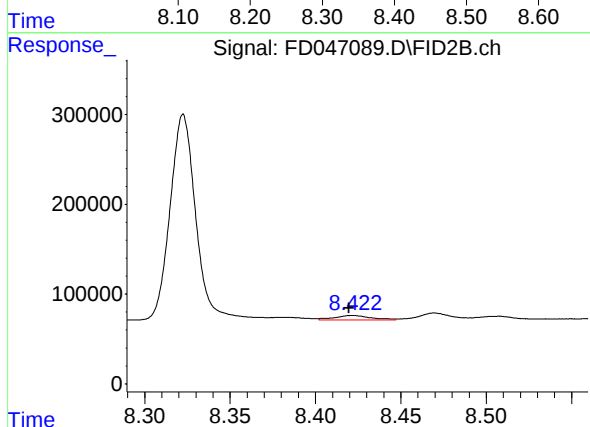
R.T.: 8.129 min
Delta R.T.: 0.003 min
Response: 77852
Conc: 0.46 ug/ml

Instrument :
FID_D
ClientSampleId :



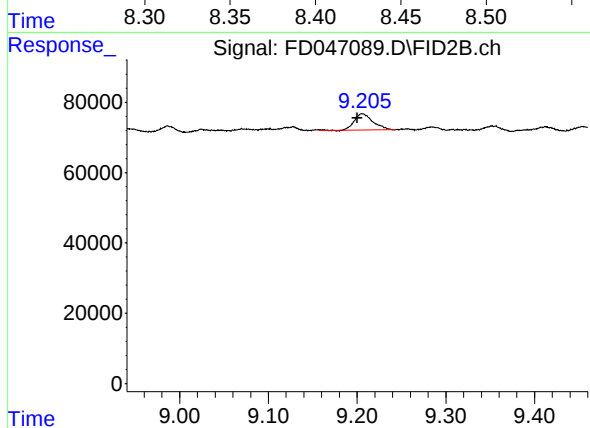
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.323 min
Delta R.T.: -0.002 min
Response: 2440551
Conc: 23.42 ug/ml



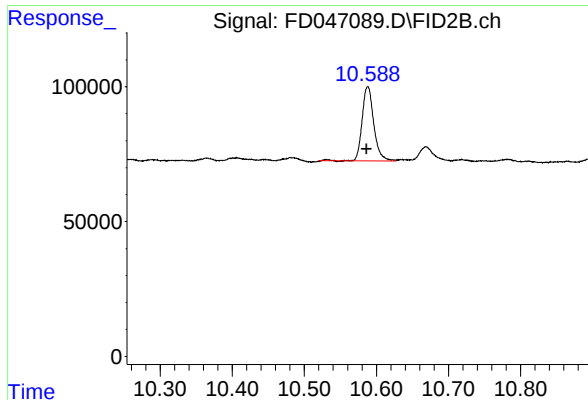
#7 Acenaphthene (C15.5)

R.T.: 8.422 min
Delta R.T.: 0.002 min
Response: 69923
Conc: 0.39 ug/ml



#8 Flouorene (C16.55)

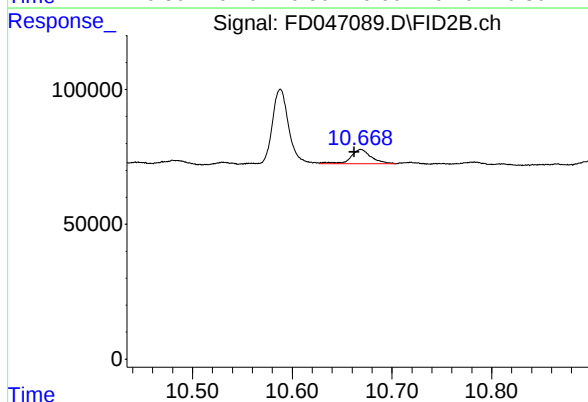
R.T.: 9.206 min
Delta R.T.: 0.006 min
Response: 67926
Conc: 0.41 ug/ml



#9 Phenanthrene (C19.36)

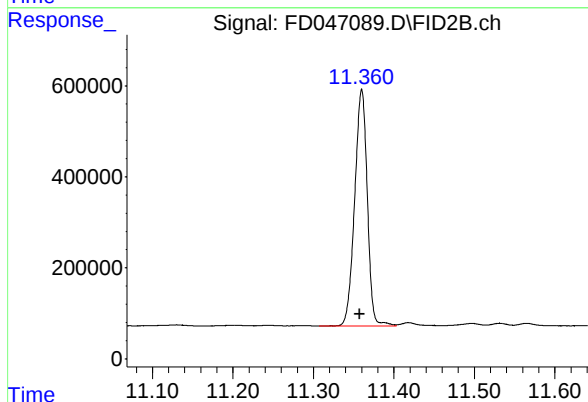
R.T.: 10.588 min
Delta R.T.: 0.001 min
Response: 306864
Conc: 1.97 ug/ml

Instrument :
FID_D
ClientSampleId :



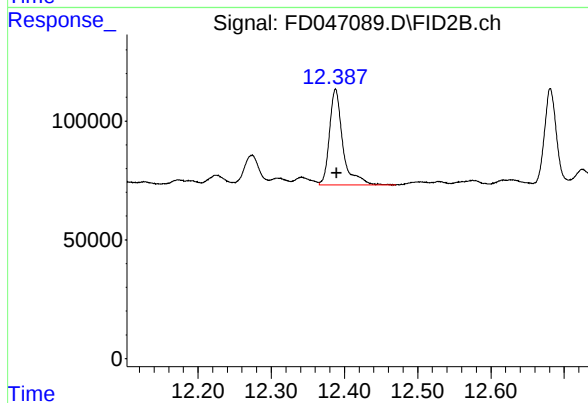
#10 Anthracene (C19.43)

R.T.: 10.669 min
Delta R.T.: 0.007 min
Response: 74540
Conc: 0.51 ug/ml



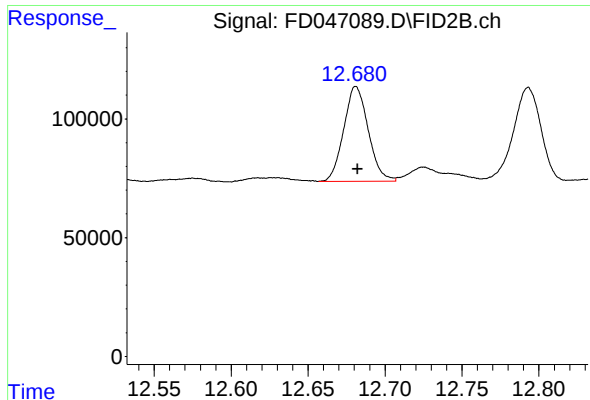
#11 ortho-Terphenyl (SURRE)

R.T.: 11.360 min
Delta R.T.: 0.002 min
Response: 5661066
Conc: 29.31 ug/ml



#12 Fluoranthene (C21.85)

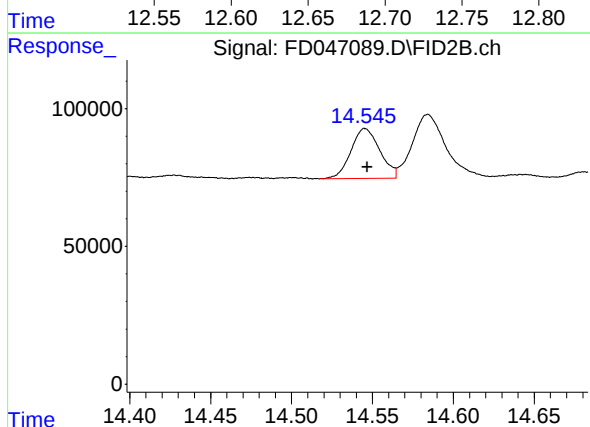
R.T.: 12.388 min
Delta R.T.: -0.002 min
Response: 511794
Conc: 3.38 ug/ml



#13 Pyrene (C20.8)

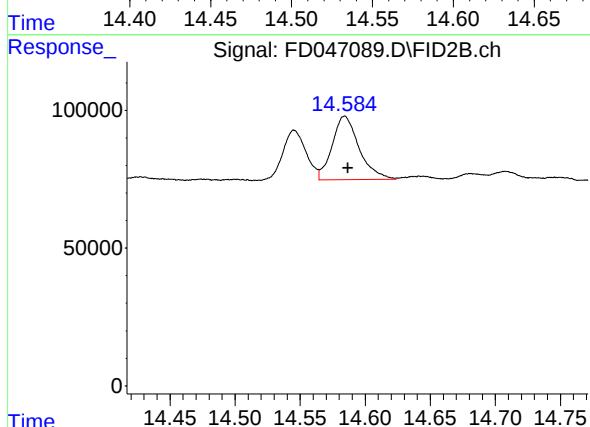
R.T.: 12.681 min
Delta R.T.: -0.001 min
Response: 441628
Conc: 3.01 ug/ml

Instrument :
FID_D
ClientSampleId :



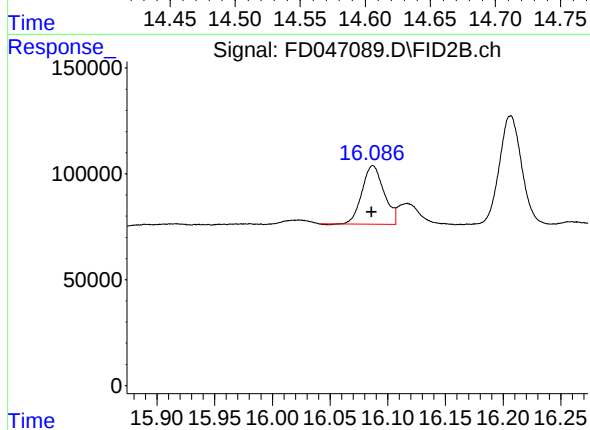
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.546 min
Delta R.T.: -0.001 min
Response: 225598
Conc: 1.83 ug/ml



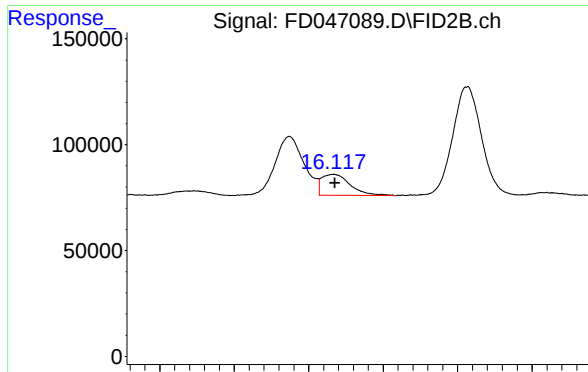
#15 Chrysene (C27.41)

R.T.: 14.584 min
Delta R.T.: -0.002 min
Response: 334071
Conc: 2.38 ug/ml



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

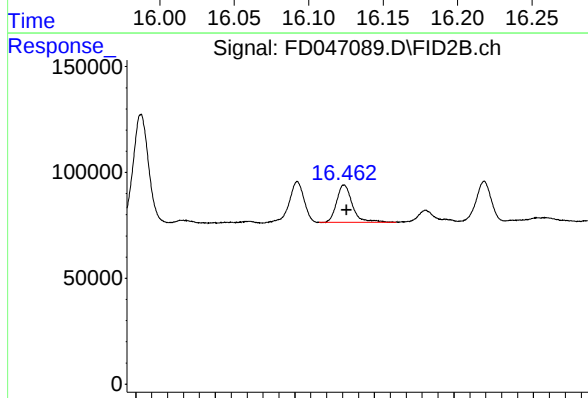
R.T.: 16.087 min
Delta R.T.: 0.001 min
Response: 364621
Conc: 2.83 ug/ml



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

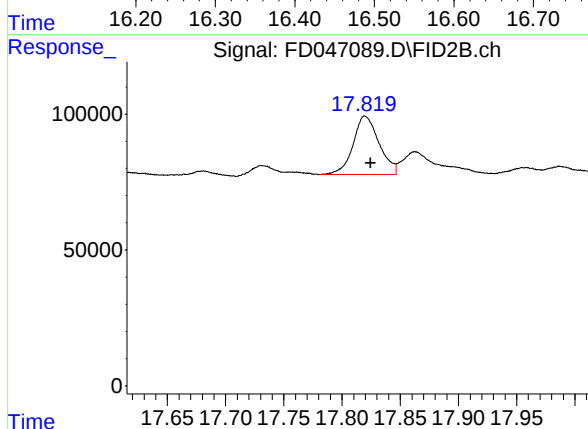
R.T.: 16.116 min
Delta R.T.: -0.001 min
Response: 131495
Conc: 0.99 ug/ml

Instrument :
FID_D
ClientSampleId :



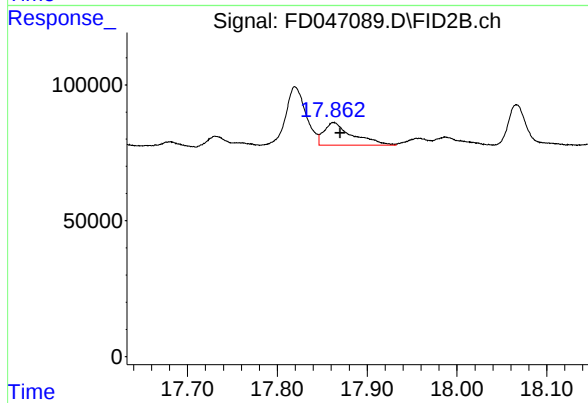
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.462 min
Delta R.T.: -0.003 min
Response: 240023
Conc: 1.89 ug/ml



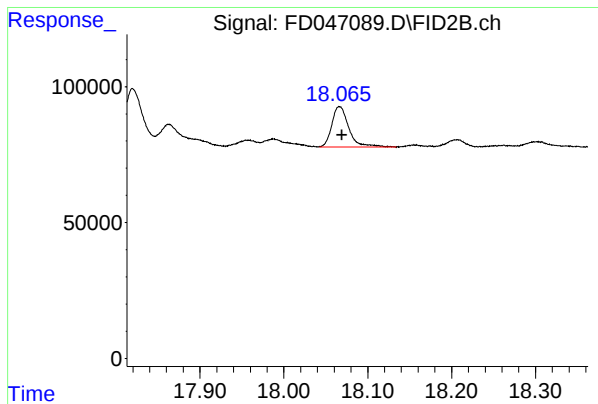
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.820 min
Delta R.T.: -0.004 min
Response: 333942
Conc: 3.01 ug/ml



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

R.T.: 17.863 min
Delta R.T.: -0.007 min
Response: 184669
Conc: 1.45 ug/ml



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

R.T.: 18.066 min
Delta R.T.: -0.003 min
Response: 209410
Conc: 1.63 ug/ml

Instrument :

FID_D

ClientSampleId :