

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101424AR\
 Data File : FD048508.D
 Signal(s) : FID2B.ch
 Acq On : 15 Oct 2024 01:53
 Operator : YP/AJ
 Sample : P4368-03
 Misc : 2.5 PPM SOIL MDL
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 15 06:02:29 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 093024.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 30 14:17:34 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...	7.378	8518779	51.452 ug/ml
Spiked Amount 50.000		Recovery =	102.90%
6) S 2-Fluorobiphenyl (SURR)	8.227	4994215	48.158 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	96.32%
11) S ortho-Terphenyl (SURR)	11.267	8264702	44.918 ug/ml
Spiked Amount 50.000		Recovery =	89.84%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.200	336840	1.922 ug/ml
2) T Naphthalene (C11.7)	5.719	365493	1.958 ug/ml
3) T 2-Methylnaphthalene (...)	6.765	388191	2.054 ug/ml
5) T Acenaphthylene (C15.06)	8.030	409691	2.136 ug/ml
7) T Acenaphthene (C15.5)	8.323	441317	2.333 ug/ml
8) T Fluorene (C16.55)	9.104	385325	2.133 ug/ml
9) T Phenanthrene (C19.36)	10.491	371366	2.095 ug/ml
10) T Anthracene (C19.43)	10.568	386749	2.173 ug/ml
12) T Fluoranthene (C21.85)	12.296	388177	2.146 ug/ml
13) T Pyrene (C20.8)	12.589	399414	2.231 ug/ml
14) T Benzo[a]anthracene (C...	14.462	310091	1.940 ug/ml
15) T Chrysene (C27.41)	14.500	388029	2.080 ug/ml
16) T benzo[b]fluoranthene ...	16.006	324336	1.947 ug/ml
17) T Bnezo[k]fluoranthene ...	16.038	374878	2.208 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.389	301290	1.843 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.755	272274	2.070 ug/ml
20) T Dibenz[a,h]anthracene...	17.796	393368	2.351 ug/ml
21) T Benzo[g,h,i]perylene ...	17.999	318390	1.960 ug/ml

(f)=RT Delta > 1/2 Window

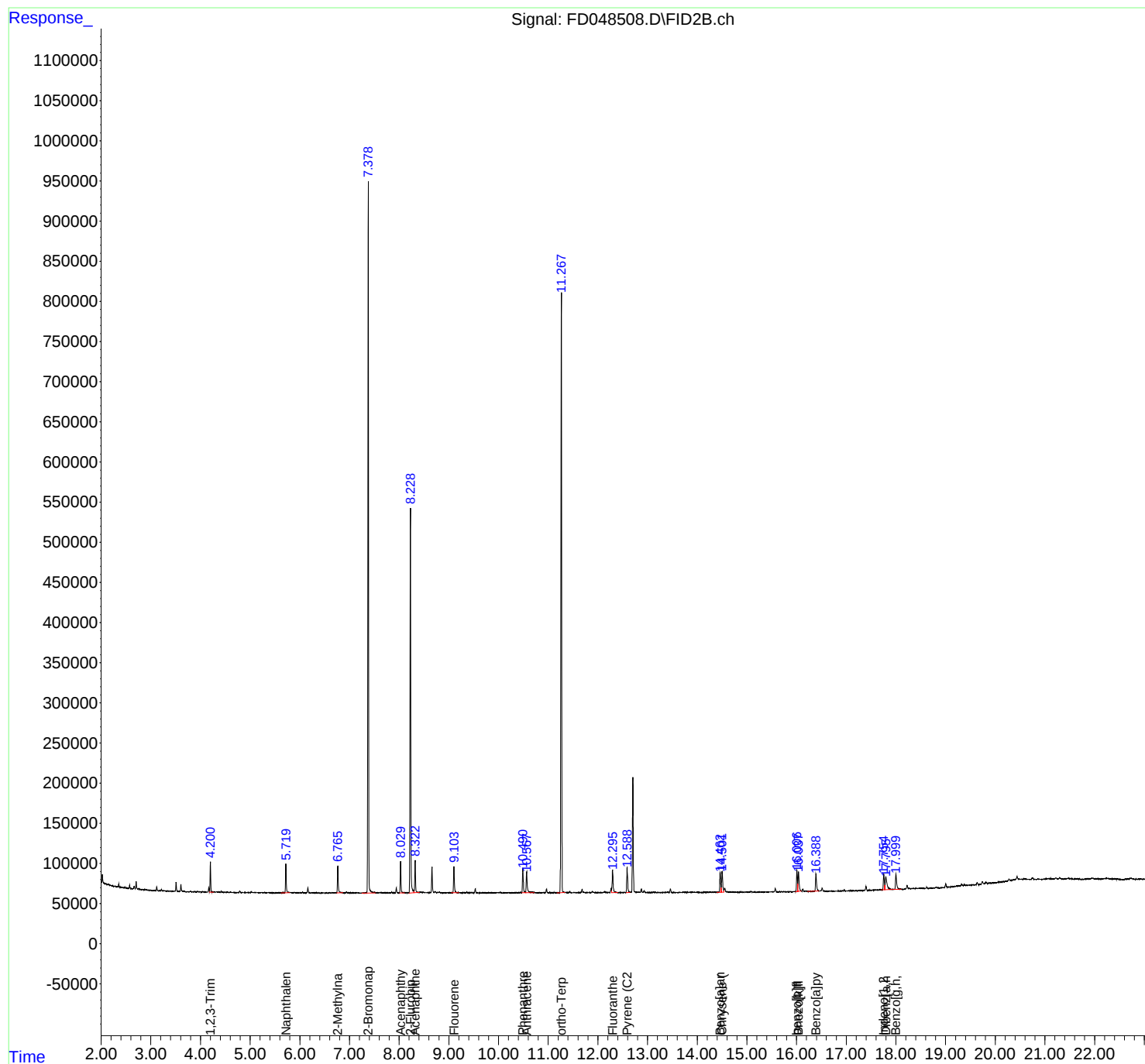
(m)=manual int.

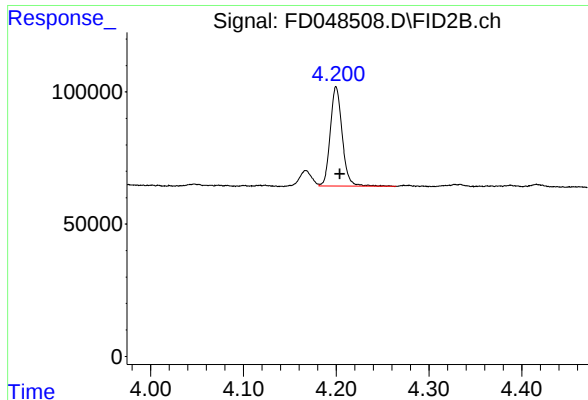
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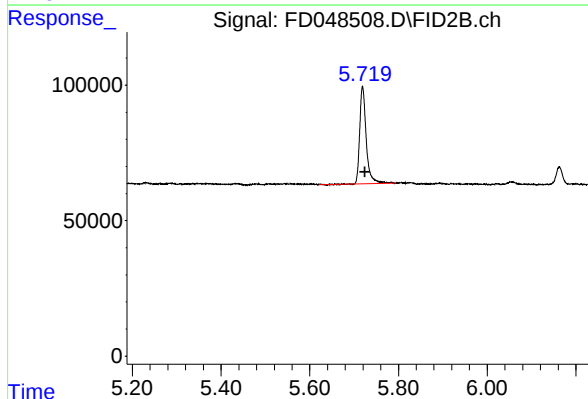




#1 1,2,3-Trimethylbenzene (C10.1)

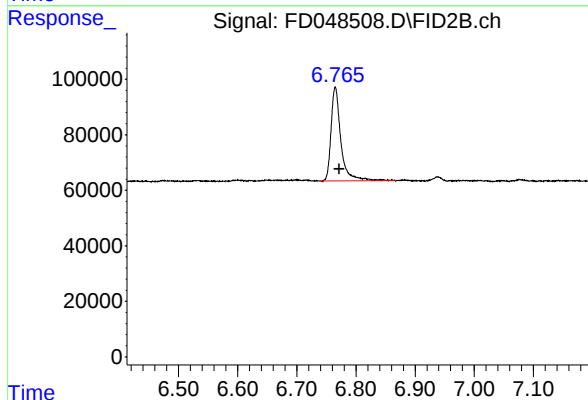
R.T.: 4.200 min
Delta R.T.: -0.004 min
Response: 336840
Conc: 1.92 ug/ml

Instrument :
FID_D
ClientSampleId :



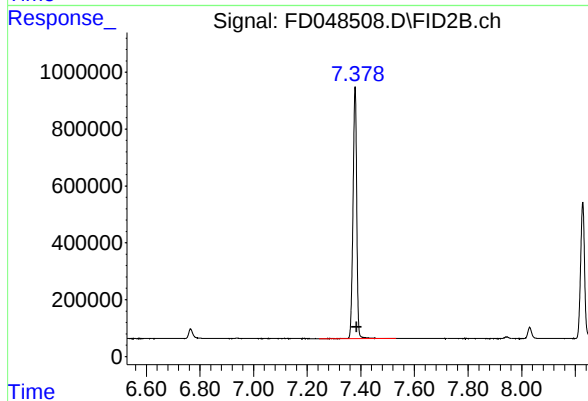
#2 Naphthalene (C11.7)

R.T.: 5.719 min
Delta R.T.: -0.005 min
Response: 365493
Conc: 1.96 ug/ml



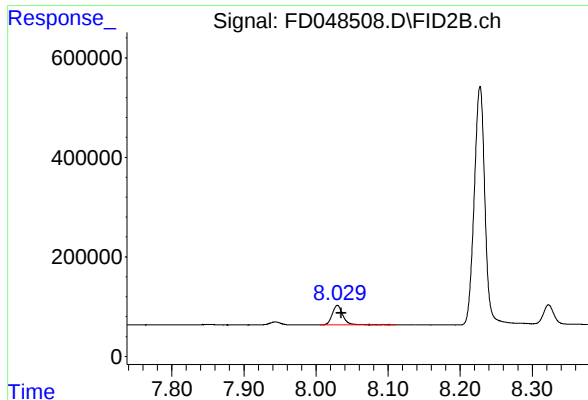
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.765 min
Delta R.T.: -0.007 min
Response: 388191
Conc: 2.05 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.378 min
Delta R.T.: -0.006 min
Response: 8518779
Conc: 51.45 ug/ml



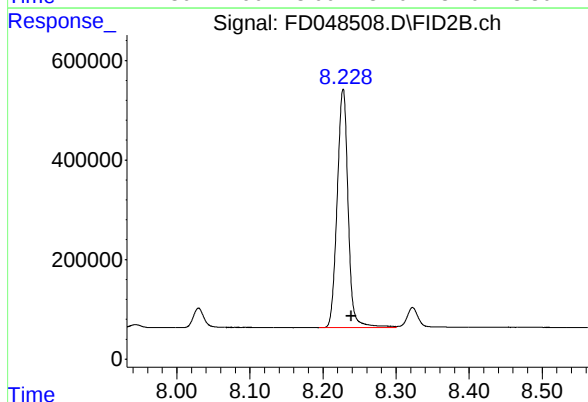
#5 Acenaphthylene (C15.06)

R.T.: 8.030 min
Delta R.T.: -0.005 min
Response: 409691
Conc: 2.14 ug/ml

Instrument :

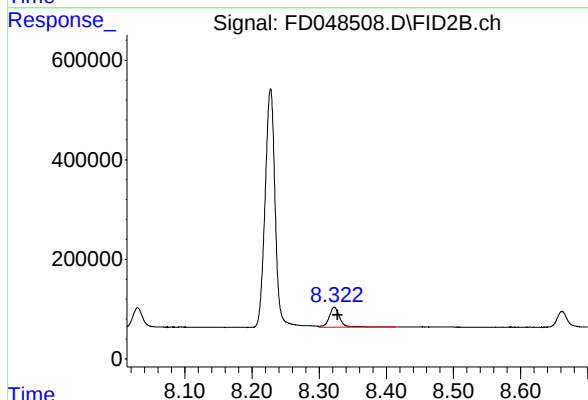
FID_D

ClientSampleId :



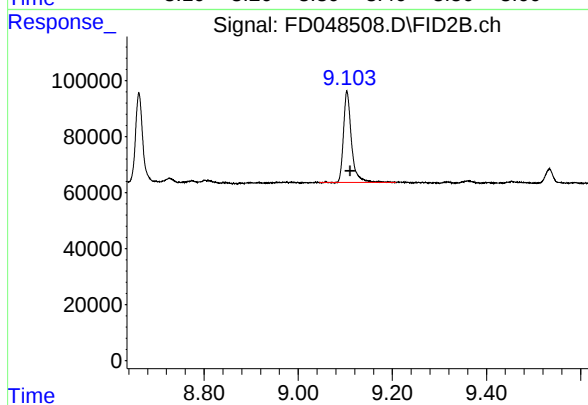
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.227 min
Delta R.T.: -0.011 min
Response: 4994215
Conc: 48.16 ug/ml



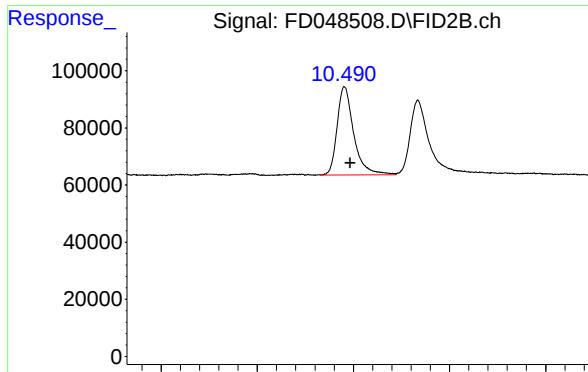
#7 Acenaphthene (C15.5)

R.T.: 8.323 min
Delta R.T.: -0.005 min
Response: 441317
Conc: 2.33 ug/ml



#8 Flouorene (C16.55)

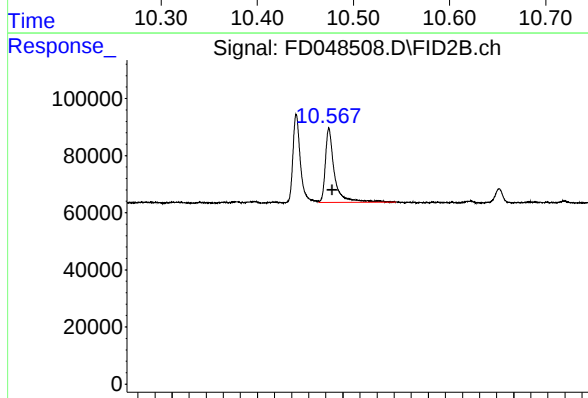
R.T.: 9.104 min
Delta R.T.: -0.007 min
Response: 385325
Conc: 2.13 ug/ml



#9 Phenanthrene (C19.36)

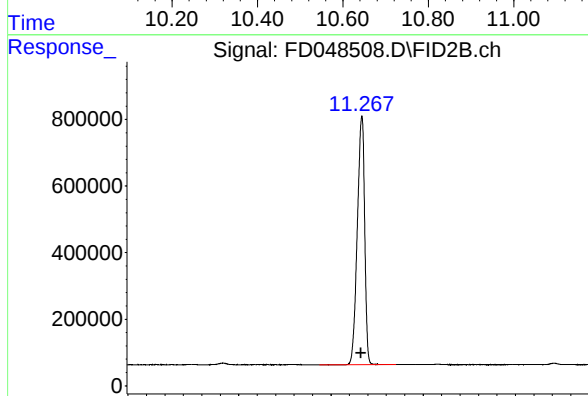
R.T.: 10.491 min
Delta R.T.: -0.006 min
Response: 371366
Conc: 2.10 ug/ml

Instrument :
FID_D
ClientSampleId :



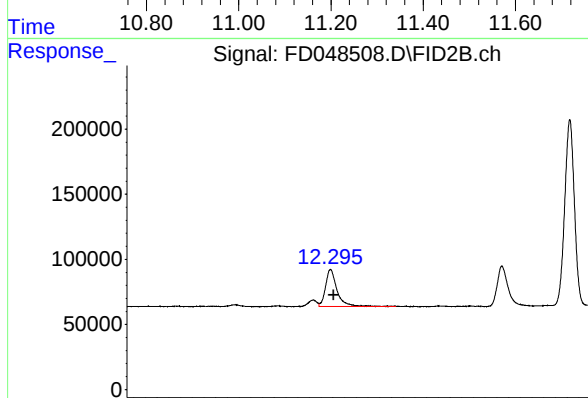
#10 Anthracene (C19.43)

R.T.: 10.568 min
Delta R.T.: -0.008 min
Response: 386749
Conc: 2.17 ug/ml



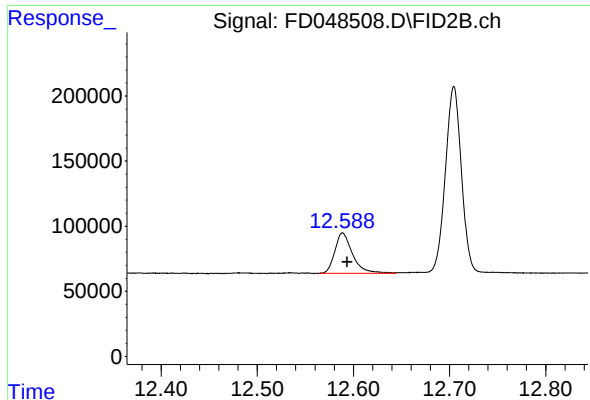
#11 ortho-Terphenyl (SURR)

R.T.: 11.267 min
Delta R.T.: 0.001 min
Response: 8264702
Conc: 44.92 ug/ml



#12 Fluoranthene (C21.85)

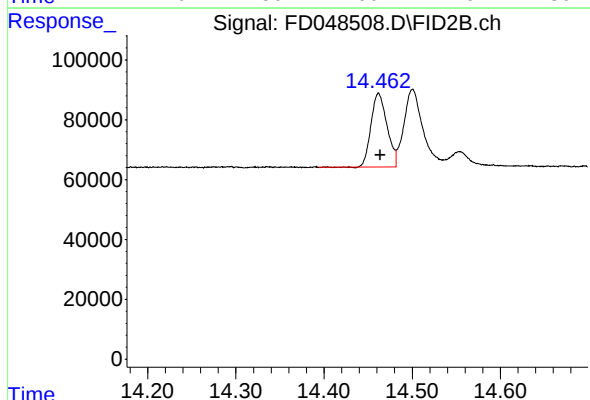
R.T.: 12.296 min
Delta R.T.: -0.005 min
Response: 388177
Conc: 2.15 ug/ml



#13 Pyrene (C20.8)

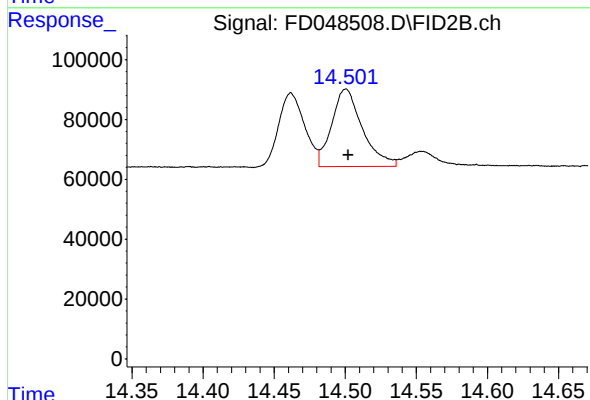
R.T.: 12.589 min
Delta R.T.: -0.004 min
Response: 399414
Conc: 2.23 ug/ml

Instrument :
FID_D
ClientSampleId :



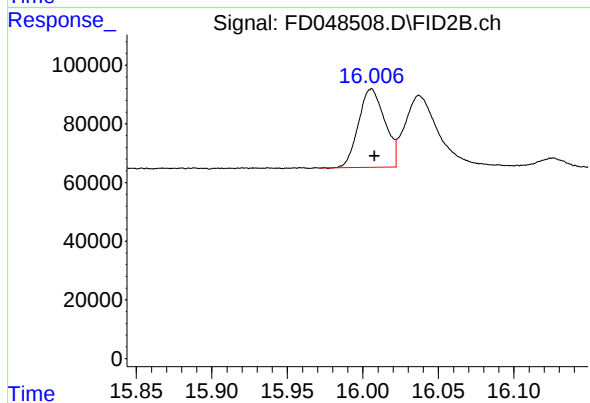
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.462 min
Delta R.T.: -0.002 min
Response: 310091
Conc: 1.94 ug/ml



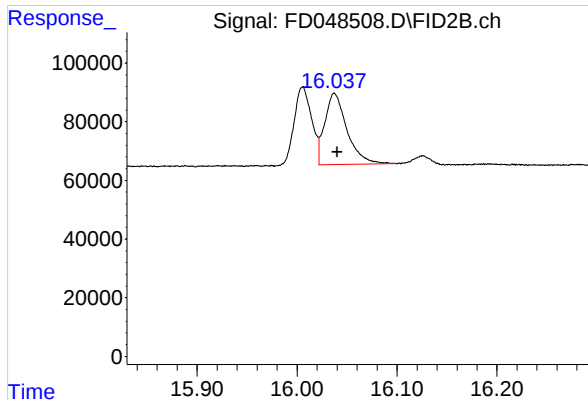
#15 Chrysene (C27.41)

R.T.: 14.500 min
Delta R.T.: -0.002 min
Response: 388029
Conc: 2.08 ug/ml



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

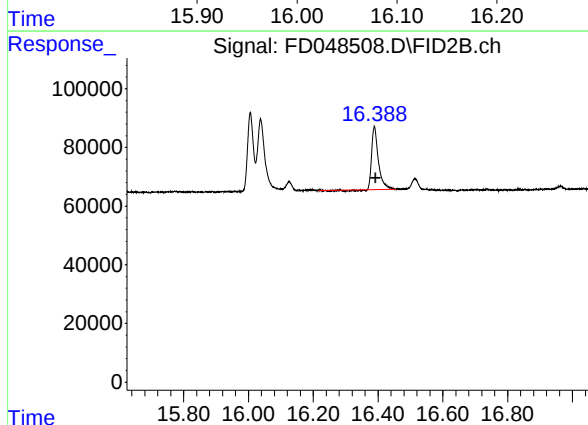
R.T.: 16.006 min
Delta R.T.: -0.002 min
Response: 324336
Conc: 1.95 ug/ml



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

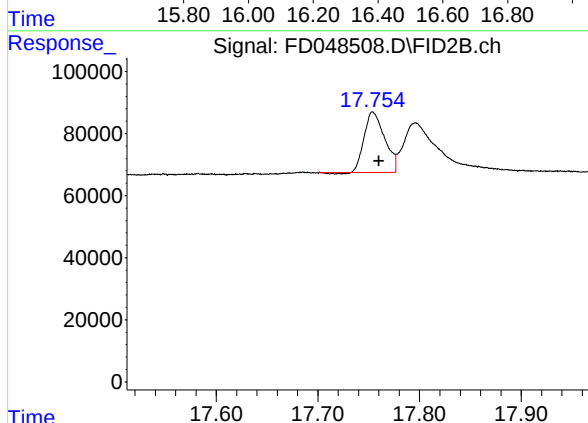
R.T.: 16.038 min
Delta R.T.: -0.003 min
Response: 374878
Conc: 2.21 ug/ml

Instrument :
FID_D
ClientSampleId :



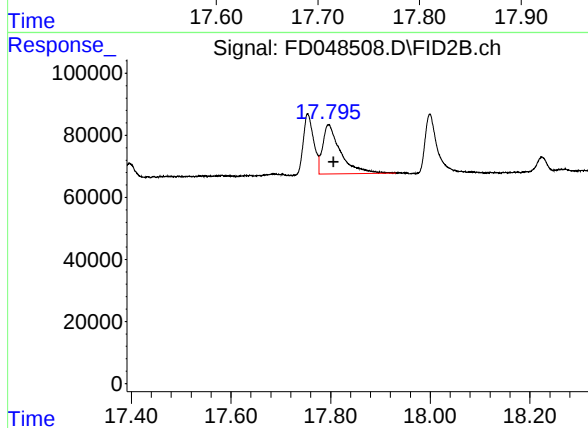
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.389 min
Delta R.T.: -0.004 min
Response: 301290
Conc: 1.84 ug/ml



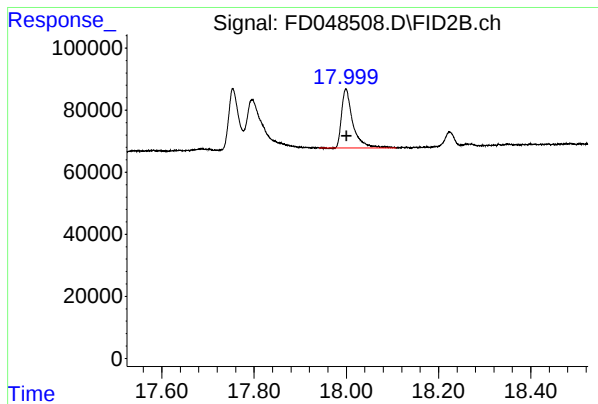
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.755 min
Delta R.T.: -0.005 min
Response: 272274
Conc: 2.07 ug/ml



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

R.T.: 17.796 min
Delta R.T.: -0.010 min
Response: 393368
Conc: 2.35 ug/ml



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

R.T.: 17.999 min
Delta R.T.: -0.001 min
Response: 318390
Conc: 1.96 ug/ml

Instrument :
FID_D
ClientSampleId :