

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012925AR\
 Data File : FD048990.D
 Signal(s) : FID2B.ch
 Acq On : 29 Jan 2025 10:33
 Operator : YP/AJ
 Sample : Q1168-01
 Misc : 4 PPM SOIL LOD
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jan 30 00:56:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 012425.M
 Quant Title : GC Extractables
 QLast Update : Sat Jan 25 03:38:15 2025
 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...	7.358	7672370	53.908 ug/ml
Spiked Amount 50.000		Recovery =	107.82%
6) S 2-Fluorobiphenyl (SURR)	8.208	4718175	55.451 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	110.90%
11) S ortho-Terphenyl (SURR)	11.244	7520845	45.733 ug/ml
Spiked Amount 50.000		Recovery =	91.47%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.187	500906	3.250 ug/ml
2) T Naphthalene (C11.7)	5.714	490471	3.138 ug/ml
3) T 2-Methylnaphthalene (...)	6.762	519315	3.348 ug/ml
5) T Acenaphthylene (C15.06)	8.019	578143	3.535 ug/ml
7) T Acenaphthene (C15.5)	8.306	764824	4.554 ug/ml
8) T Fluorene (C16.55)	9.102	515513	3.295 ug/ml
9) T Phenanthrene (C19.36)	10.489	516379	3.391 ug/ml
10) T Anthracene (C19.43)	10.574	500768	3.287 ug/ml
12) T Fluoranthene (C21.85)	12.297	554729	3.527 ug/ml
13) T Pyrene (C20.8)	12.586	553091	3.511 ug/ml
14) T Benzo[a]anthracene (C...	14.469	283058	2.200 ug/ml
15) T Chrysene (C27.41)	14.469	283058	1.674 ug/ml
16) T benzo[b]fluoranthene ...	16.015	405578	2.968 ug/ml
17) T Bnezo[k]fluoranthene ...	16.015	405578	2.504 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.415	324320	2.330 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.795f	333187	3.195 ug/ml
20) T Dibenz[a,h]anthracene...	17.795	333187	2.334 ug/ml
21) T Benzo[g,h,i]perylene ...	18.017	388046	2.720 ug/ml

(f)=RT Delta > 1/2 Window

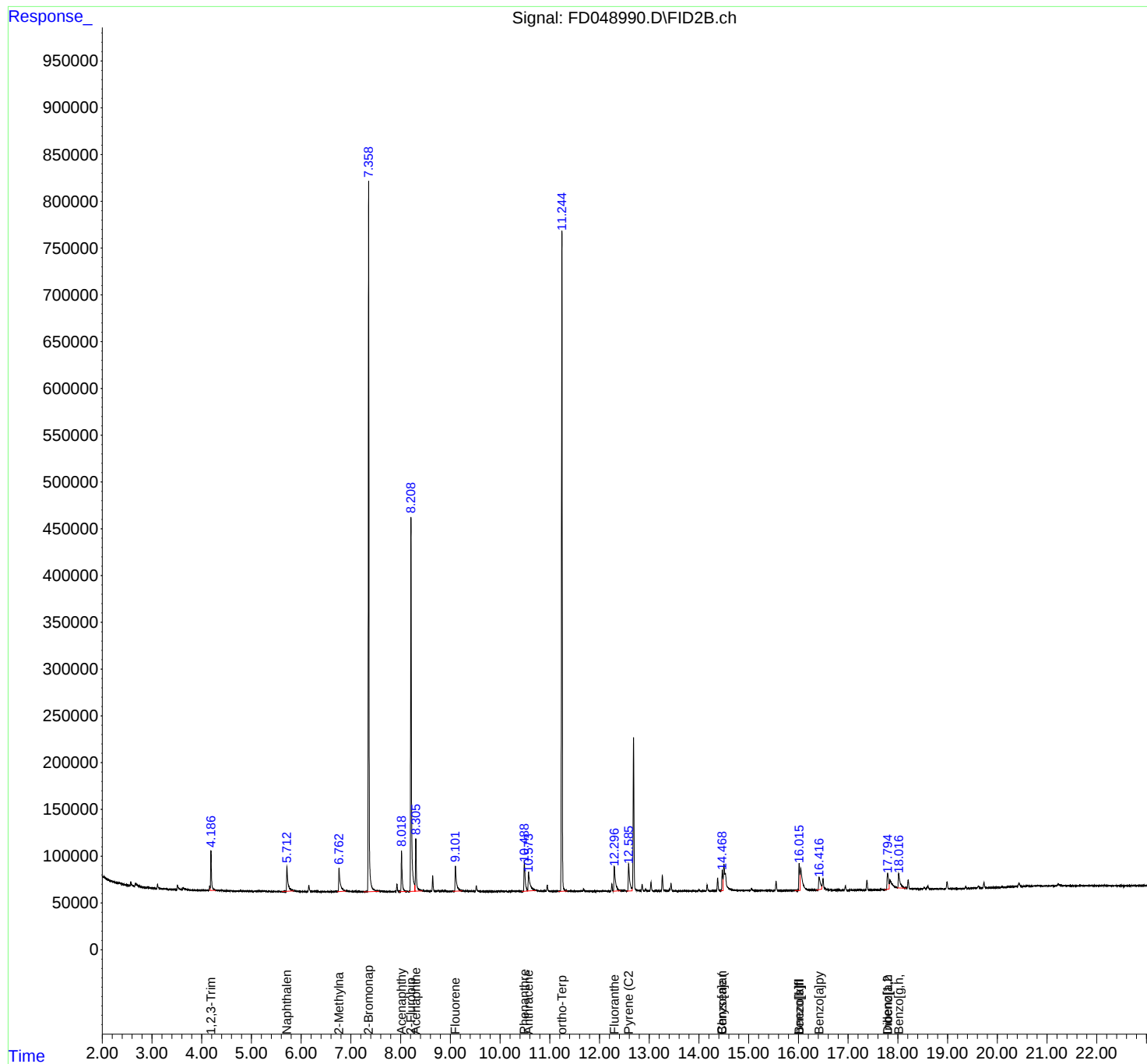
(m)=manual int.

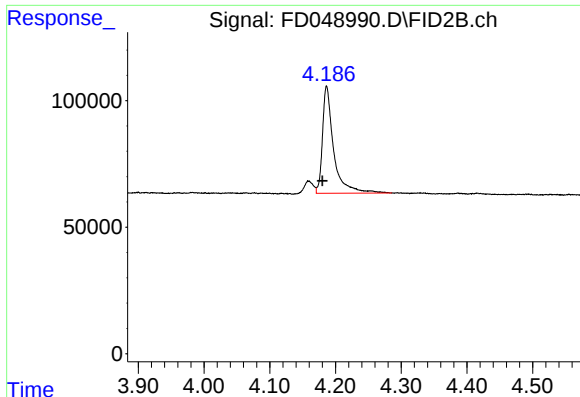
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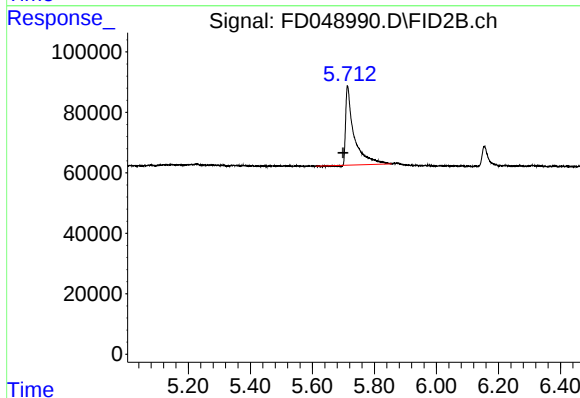




#1 1,2,3-Trimethylbenzene (C10.1)

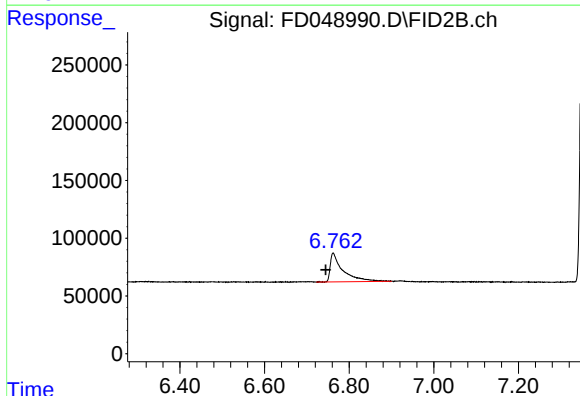
R.T.: 4.187 min
Delta R.T.: 0.007 min
Response: 500906
Conc: 3.25 ug/ml

Instrument :
FID_D
ClientSampleId :



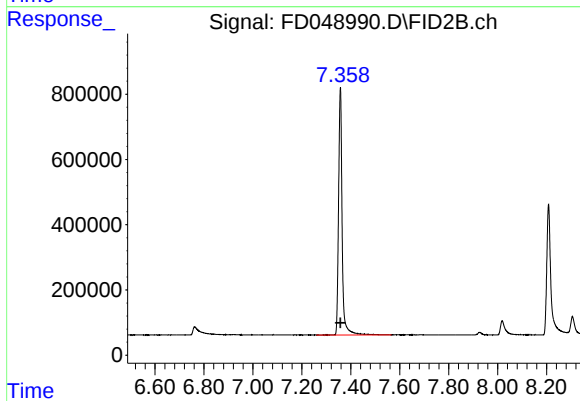
#2 Naphthalene (C11.7)

R.T.: 5.714 min
Delta R.T.: 0.015 min
Response: 490471
Conc: 3.14 ug/ml



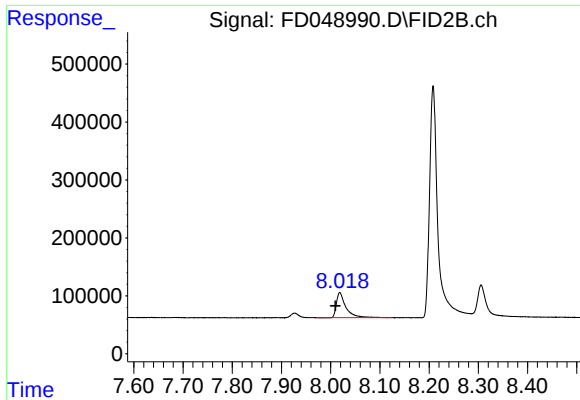
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.762 min
Delta R.T.: 0.017 min
Response: 519315
Conc: 3.35 ug/ml



#4 2-Bromonaphthalene (SURR)

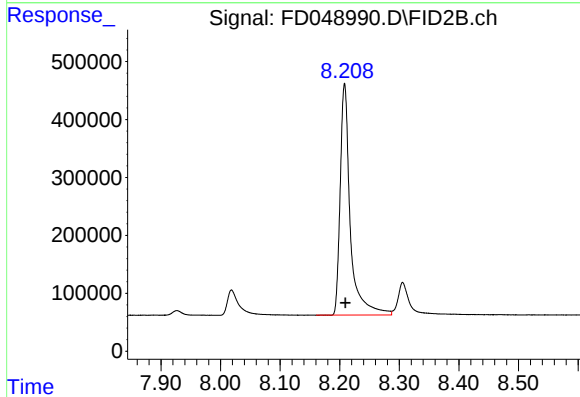
R.T.: 7.358 min
Delta R.T.: 0.000 min
Response: 7672370
Conc: 53.91 ug/ml



#5 Acenaphthylene (C15.06)

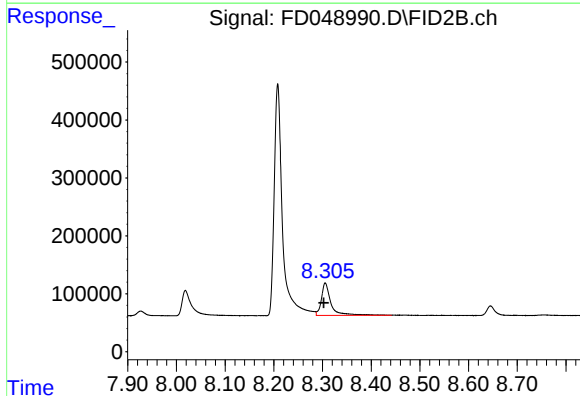
R.T.: 8.019 min
Delta R.T.: 0.009 min
Response: 578143
Conc: 3.54 ug/ml

Instrument :
FID_D
ClientSampleId :



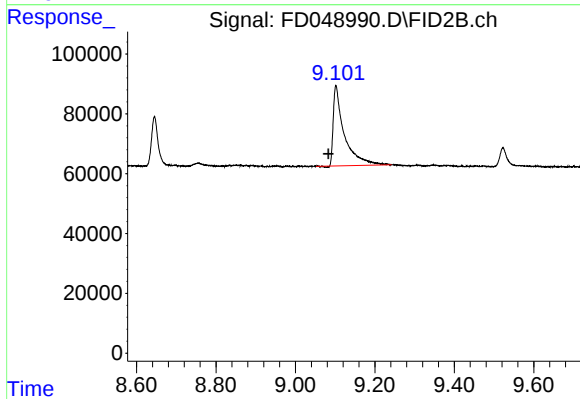
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.208 min
Delta R.T.: 0.000 min
Response: 4718175
Conc: 55.45 ug/ml



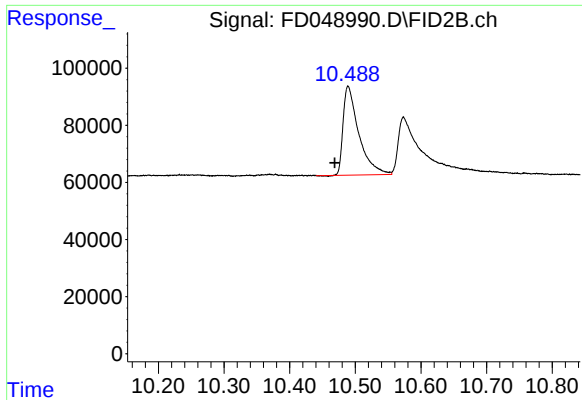
#7 Acenaphthene (C15.5)

R.T.: 8.306 min
Delta R.T.: 0.003 min
Response: 764824
Conc: 4.55 ug/ml



#8 Flouorene (C16.55)

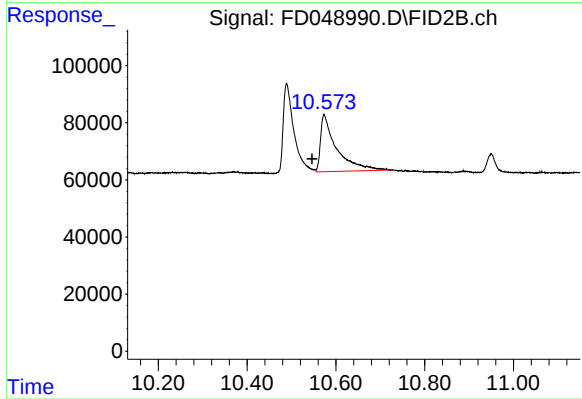
R.T.: 9.102 min
Delta R.T.: 0.020 min
Response: 515513
Conc: 3.30 ug/ml



#9 Phenanthrene (C19.36)

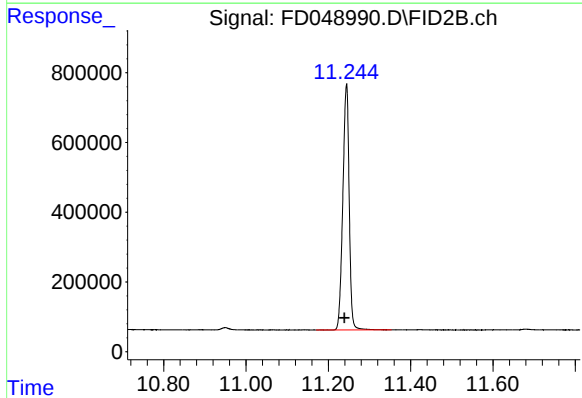
R.T.: 10.489 min
Delta R.T.: 0.021 min
Response: 516379
Conc: 3.39 ug/ml

Instrument :
FID_D
ClientSampleId :



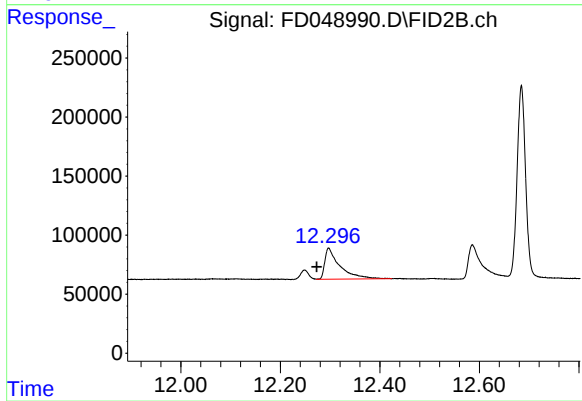
#10 Anthracene (C19.43)

R.T.: 10.574 min
Delta R.T.: 0.027 min
Response: 500768
Conc: 3.29 ug/ml



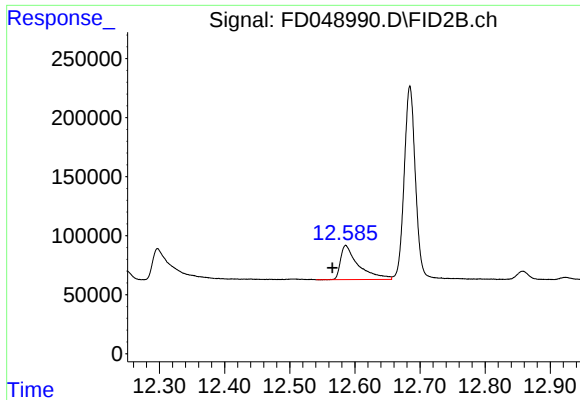
#11 ortho-Terphenyl (SURR)

R.T.: 11.244 min
Delta R.T.: 0.005 min
Response: 7520845
Conc: 45.73 ug/ml



#12 Fluoranthene (C21.85)

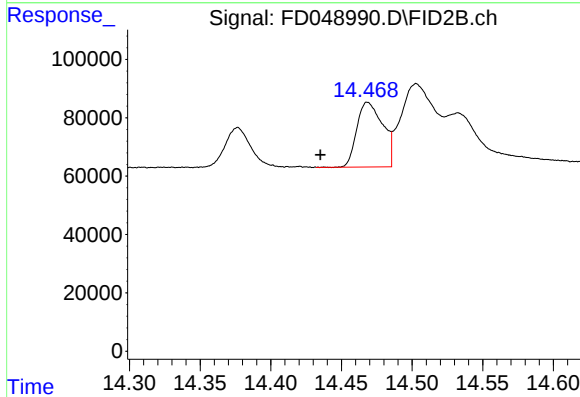
R.T.: 12.297 min
Delta R.T.: 0.024 min
Response: 554729
Conc: 3.53 ug/ml



#13 Pyrene (C20.8)

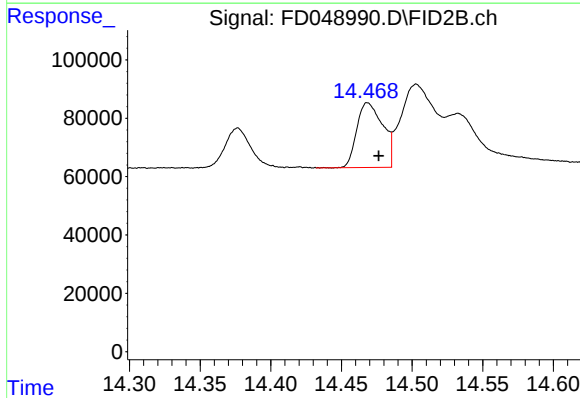
R.T.: 12.586 min
Delta R.T.: 0.021 min
Response: 553091
Conc: 3.51 ug/ml

Instrument :
FID_D
ClientSampleId :



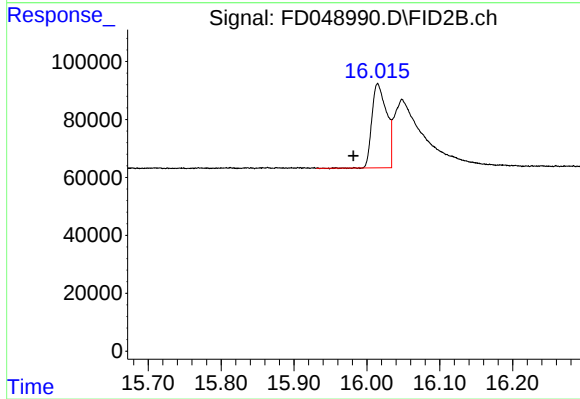
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.469 min
Delta R.T.: 0.034 min
Response: 283058
Conc: 2.20 ug/ml



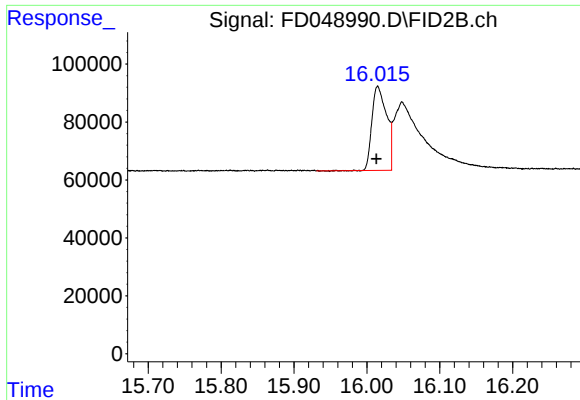
#15 Chrysene (C27.41)

R.T.: 14.469 min
Delta R.T.: -0.008 min
Response: 283058
Conc: 1.67 ug/ml



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

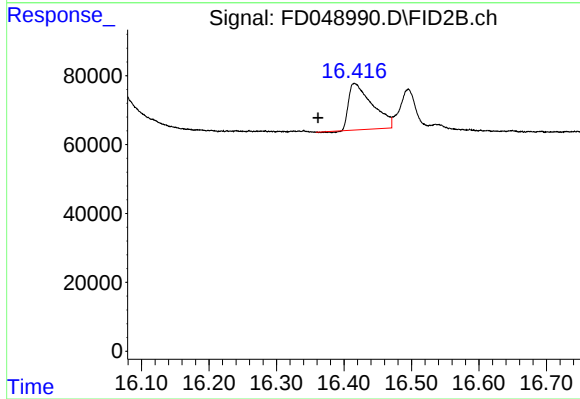
R.T.: 16.015 min
Delta R.T.: 0.033 min
Response: 405578
Conc: 2.97 ug/ml



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

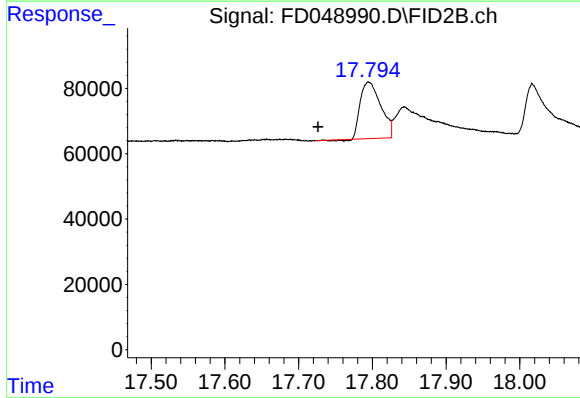
R.T.: 16.015 min
Delta R.T.: 0.002 min
Response: 405578
Conc: 2.50 ug/ml

Instrument :
FID_D
ClientSampleId :



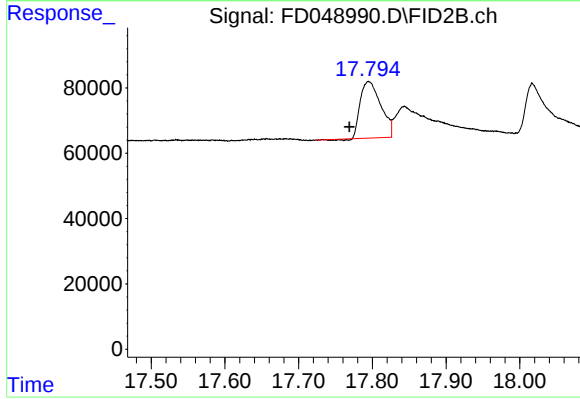
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.415 min
Delta R.T.: 0.054 min
Response: 324320
Conc: 2.33 ug/ml



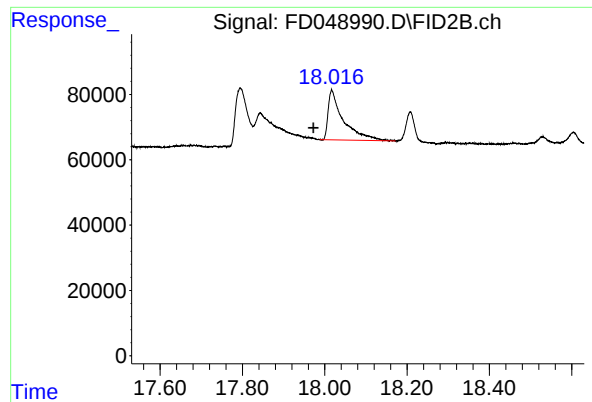
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.795 min
Delta R.T.: 0.069 min
Response: 333187
Conc: 3.19 ug/ml



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

R.T.: 17.795 min
Delta R.T.: 0.026 min
Response: 333187
Conc: 2.33 ug/ml



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

R.T.: 18.017 min
Delta R.T.: 0.045 min
Response: 388046
Conc: 2.72 ug/ml

Instrument :

FID_D

ClientSampleId :