

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061923AR\
 Data File : FD045894.D
 Signal(s) : FID2B.ch
 Acq On : 20 Jun 2023 00:38
 Operator : YP/AJ
 Sample : 03296-09
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 20 02:37:28 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Sat May 27 06:44:25 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...	7.524	8966270	49.733 ug/ml
Spiked Amount 50.000		Recovery =	99.47%
6) S 2-Fluorobiphenyl (SURR)	8.379	5784958	48.117 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	96.23%
11) S ortho-Terphenyl (SURR)	11.418	8713381	39.009 ug/ml
Spiked Amount 50.000		Recovery =	78.02%
Target Compounds			
2) T Naphthalene (C11.7)	5.861	124573	0.588 ug/ml
3) T 2-Methylnaphthalene (...)	6.910	121146	0.574 ug/ml
5) T Acenaphthylene (C15.06)	8.179	114518	0.604 ug/ml
7) T Acenaphthene (C15.5)	8.474	144959	0.717 ug/ml
8) T Fluorene (C16.55)	9.252	143332	0.723 ug/ml
9) T Phenanthrene (C19.36)	10.640	610463	3.191 ug/ml
10) T Anthracene (C19.43)	10.714	213997	1.256 ug/ml
12) T Fluoranthene (C21.85)	12.445	1129463	6.114 ug/ml
13) T Pyrene (C20.8)	12.738	959953	5.375 ug/ml
14) T Benzo[a]anthracene (C...	14.641	635001	4.056 ug/ml
15) T Chrysene (C27.41)	14.641	635001	3.849 ug/ml
16) T benzo[b]fluoranthene ...	16.171	328035	2.167 ug/ml
17) T Bnezo[k]fluoranthene ...	16.171	328035	2.119 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.516	574622	3.929 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.914	192974	1.318 ug/ml
20) T Dibenz[a,h]anthracene...	17.954	104625	0.697 ug/ml
21) T Benzo[g,h,i]perylene ...	18.120	433370	2.937 ug/ml

(f)=RT Delta > 1/2 Window

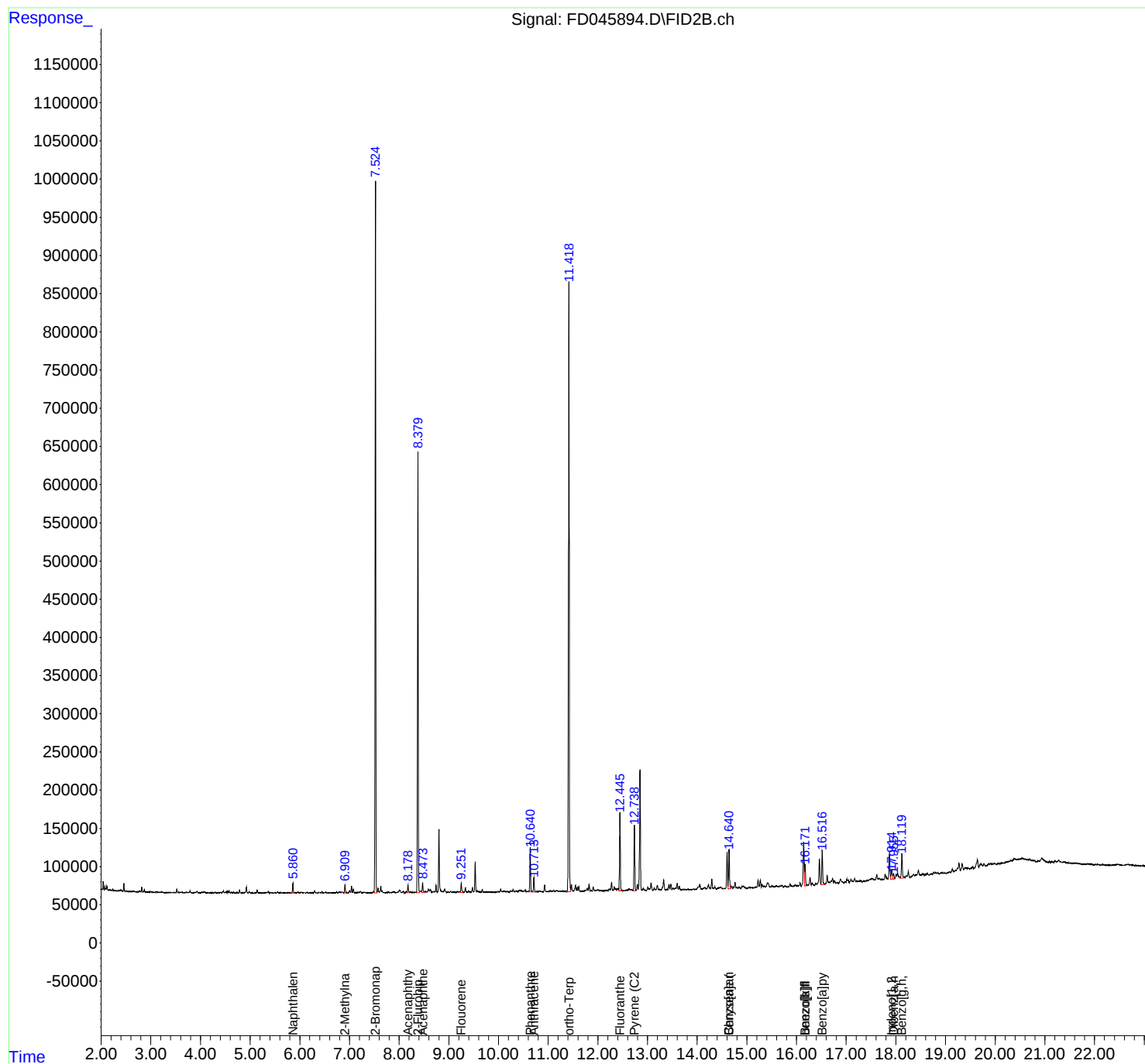
(m)=manual int.

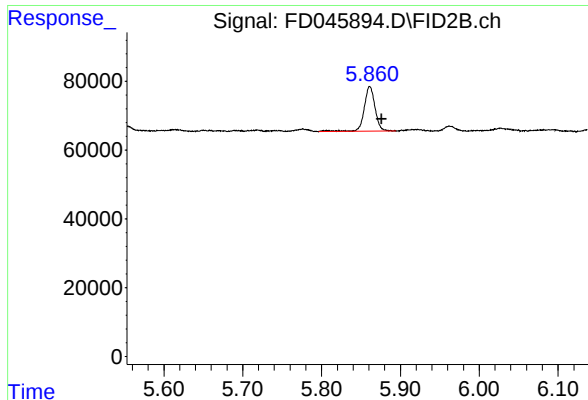
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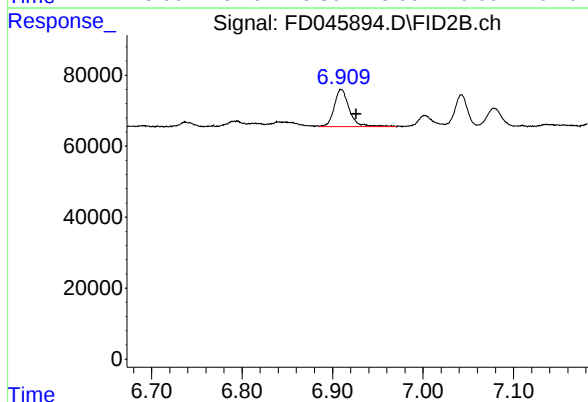




#2 Naphthalene (C11.7)

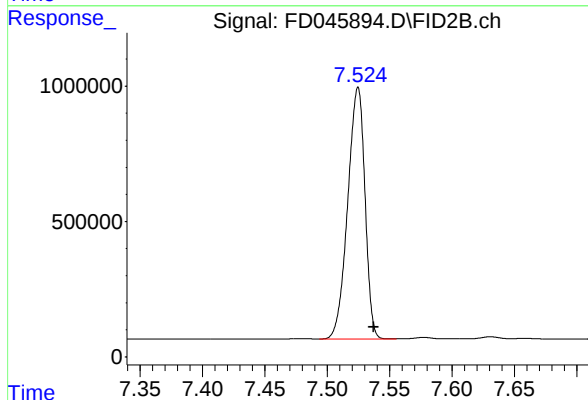
R.T.: 5.861 min
Delta R.T.: -0.015 min
Response: 124573
Conc: 0.59 ug/ml

Instrument :
FID_D
ClientSampleId :



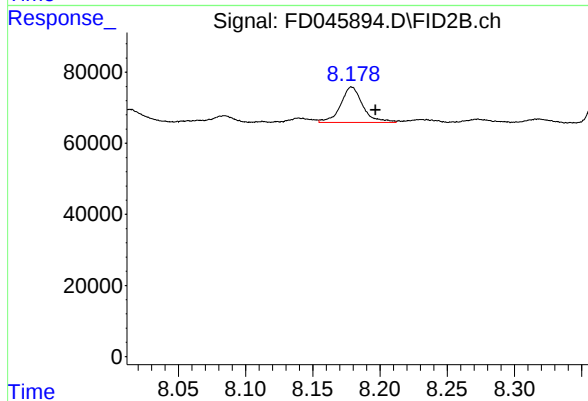
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.910 min
Delta R.T.: -0.016 min
Response: 121146
Conc: 0.57 ug/ml



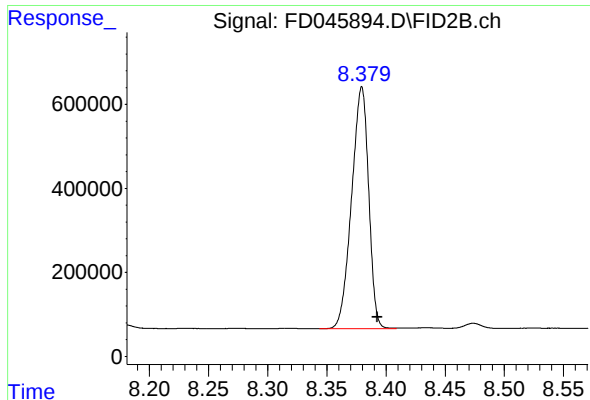
#4 2-Bromonaphthalene (SURR)

R.T.: 7.524 min
Delta R.T.: -0.013 min
Response: 8966270
Conc: 49.73 ug/ml



#5 Acenaphthylene (C15.06)

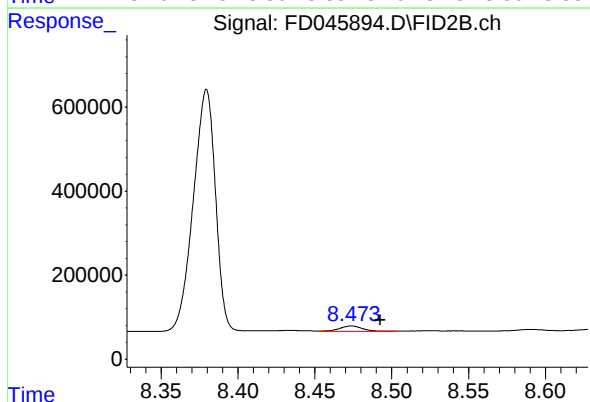
R.T.: 8.179 min
Delta R.T.: -0.018 min
Response: 114518
Conc: 0.60 ug/ml



#6 2-Fluorobiphenyl (SURR)

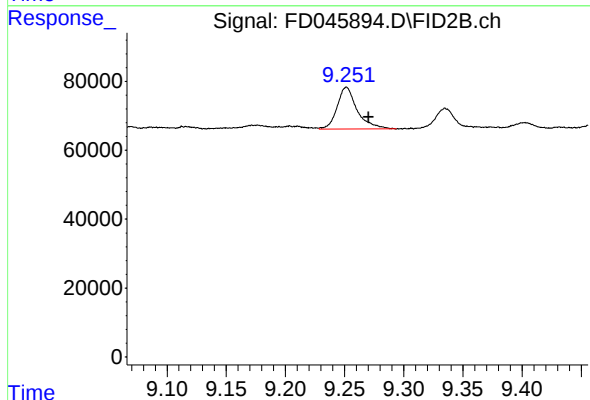
R.T.: 8.379 min
Delta R.T.: -0.013 min
Response: 5784958
Conc: 48.12 ug/ml

Instrument :
FID_D
ClientSampleId :



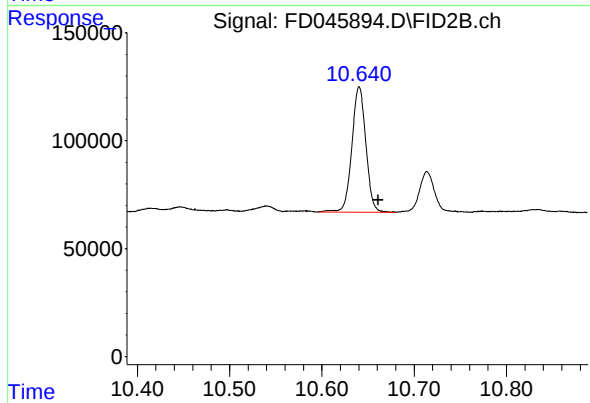
#7 Acenaphthene (C15.5)

R.T.: 8.474 min
Delta R.T.: -0.019 min
Response: 144959
Conc: 0.72 ug/ml



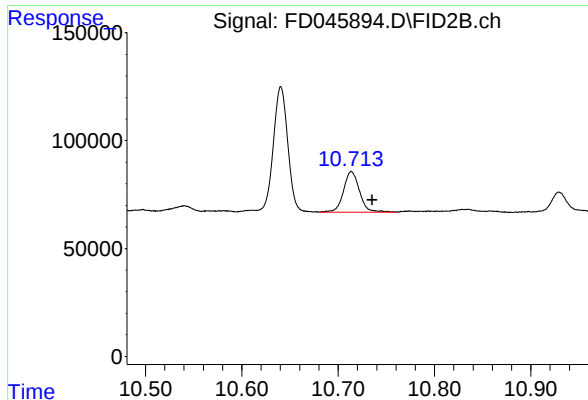
#8 Flouorene (C16.55)

R.T.: 9.252 min
Delta R.T.: -0.019 min
Response: 143332
Conc: 0.72 ug/ml



#9 Phenanthrene (C19.36)

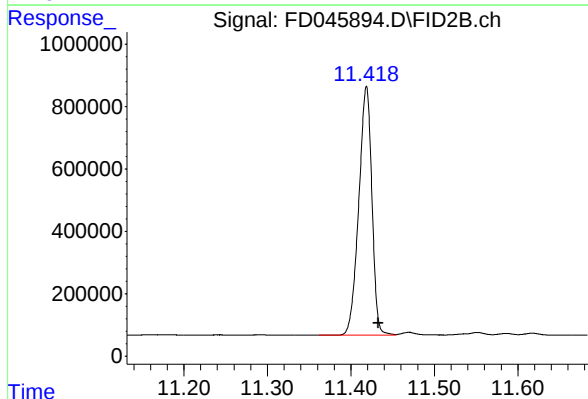
R.T.: 10.640 min
Delta R.T.: -0.021 min
Response: 610463
Conc: 3.19 ug/ml



#10 Anthracene (C19.43)

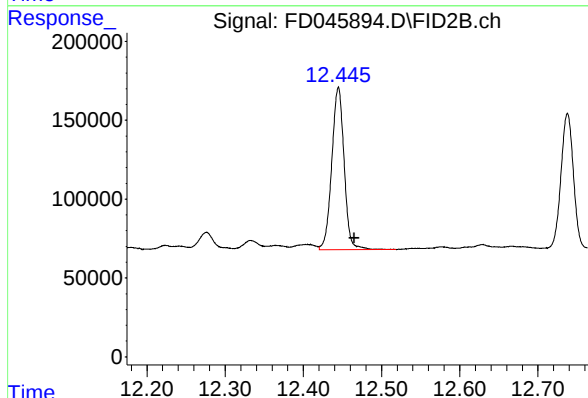
R.T.: 10.714 min
Delta R.T.: -0.021 min
Response: 213997
Conc: 1.26 ug/ml

Instrument :
FID_D
ClientSampleId :



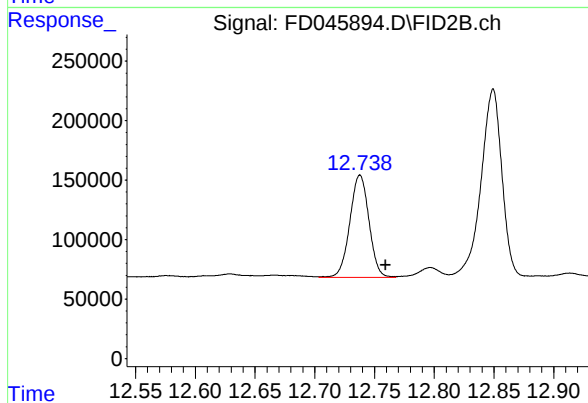
#11 ortho-Terphenyl (SURR)

R.T.: 11.418 min
Delta R.T.: -0.014 min
Response: 8713381
Conc: 39.01 ug/ml



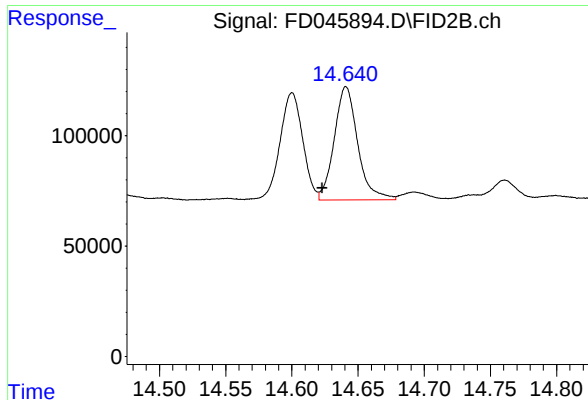
#12 Fluoranthene (C21.85)

R.T.: 12.445 min
Delta R.T.: -0.020 min
Response: 1129463
Conc: 6.11 ug/ml



#13 Pyrene (C20.8)

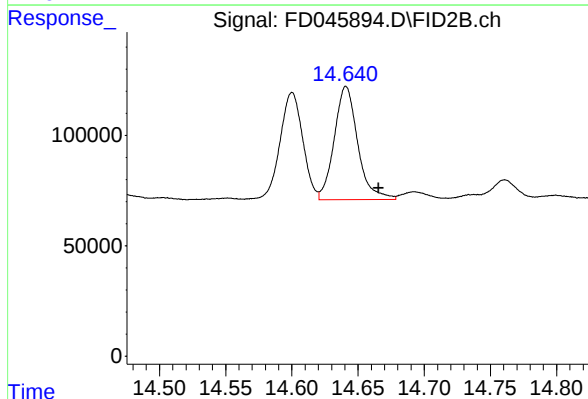
R.T.: 12.738 min
Delta R.T.: -0.022 min
Response: 959953
Conc: 5.37 ug/ml



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

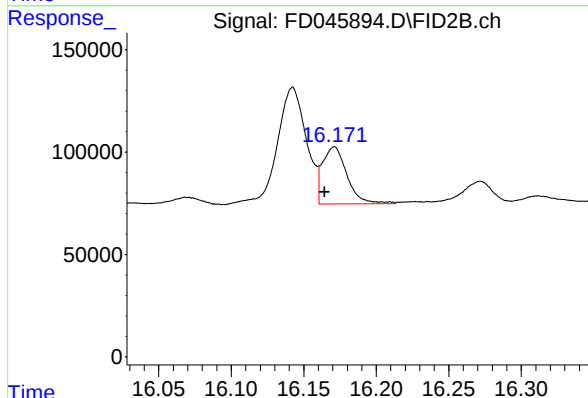
R.T.: 14.641 min
Delta R.T.: 0.018 min
Response: 635001
Conc: 4.06 ug/ml

Instrument :
FID_D
ClientSampleId :



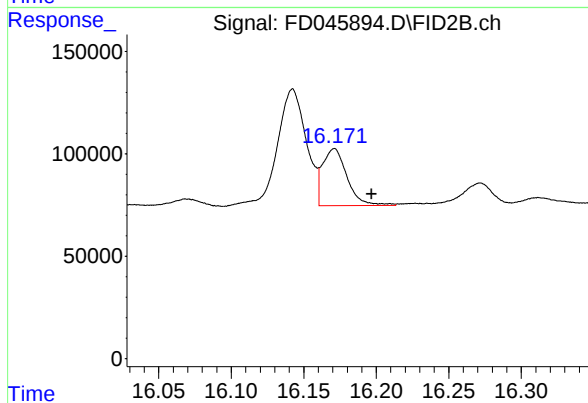
#15 Chrysene (C27.41)

R.T.: 14.641 min
Delta R.T.: -0.025 min
Response: 635001
Conc: 3.85 ug/ml



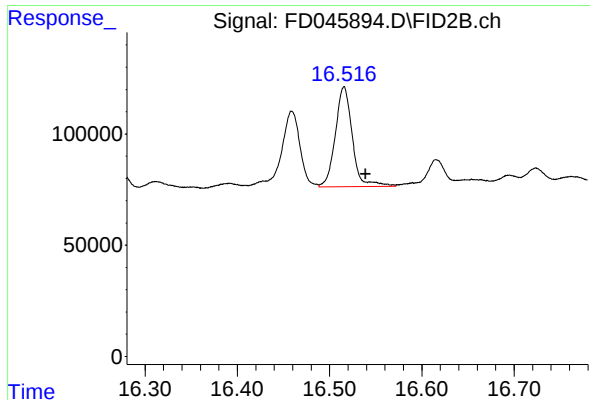
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.171 min
Delta R.T.: 0.006 min
Response: 328035
Conc: 2.17 ug/ml



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

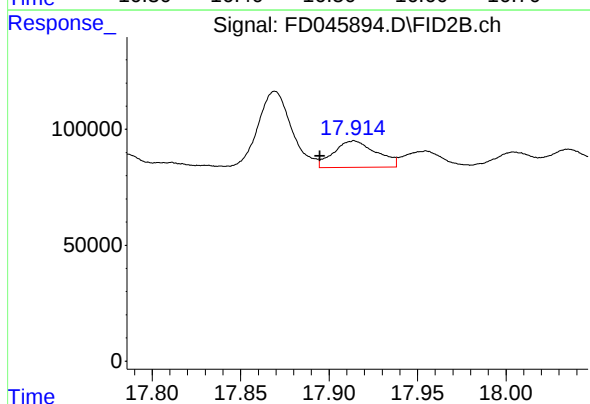
R.T.: 16.171 min
Delta R.T.: -0.026 min
Response: 328035
Conc: 2.12 ug/ml



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

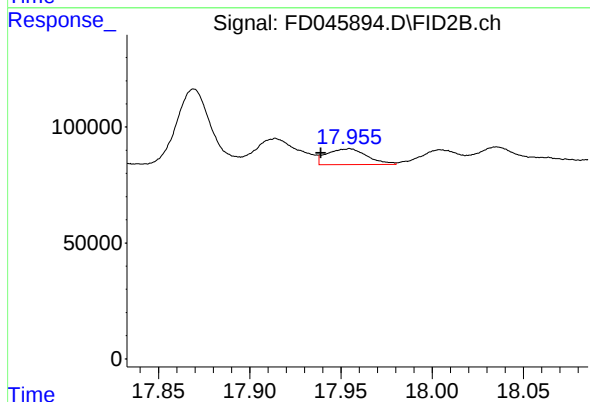
R.T.: 16.516 min
Delta R.T.: -0.024 min
Response: 574622
Conc: 3.93 ug/ml

Instrument :
FID_D
ClientSampleId :



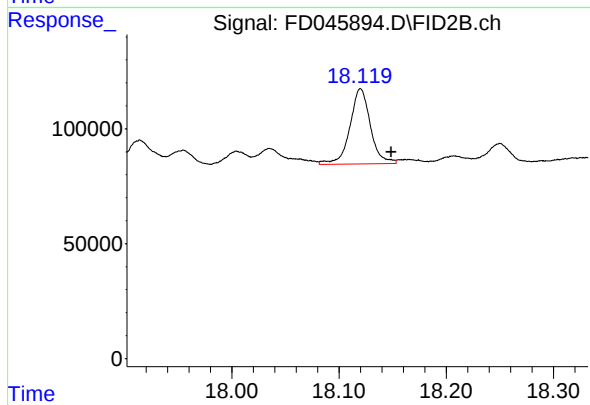
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.914 min
Delta R.T.: 0.019 min
Response: 192974
Conc: 1.32 ug/ml



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

R.T.: 17.954 min
Delta R.T.: 0.015 min
Response: 104625
Conc: 0.70 ug/ml



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

R.T.: 18.120 min
Delta R.T.: -0.029 min
Response: 433370
Conc: 2.94 ug/ml