

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062023AR\
 Data File : FD045902.D
 Signal(s) : FID2B.ch
 Acq On : 20 Jun 2023 11:22
 Operator : YP/AJ
 Sample : 03296-21
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 21 01:09:59 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...	7.523	9648386	53.517 ug/ml
Spiked Amount 50.000		Recovery =	107.03%
6) S 2-Fluorobiphenyl (SURR)	8.378	6207698	51.633 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	103.27%
11) S ortho-Terphenyl (SURR)	11.419	10886898	48.740 ug/ml
Spiked Amount 50.000		Recovery =	97.48%
Target Compounds			
2) T Naphthalene (C11.7)	5.860	53812	0.254 ug/ml
3) T 2-Methylnaphthalene (...)	6.909	59146	0.280 ug/ml
5) T Acenaphthylene (C15.06)	8.178	69472	0.367 ug/ml
7) T Acenaphthene (C15.5)	8.472	156771	0.775 ug/ml
8) T Fluorene (C16.55)	9.250	118648	0.599 ug/ml
9) T Phenanthrene (C19.36)	10.639	1166520	6.098 ug/ml
10) T Anthracene (C19.43)	10.712	325756	1.912 ug/ml
12) T Fluoranthene (C21.85)	12.445	2353157	12.737 ug/ml
13) T Pyrene (C20.8)	12.739	1960418	10.977 ug/ml
14) T Benzo[a]anthracene (C...	14.640	1132685	7.234 ug/ml
15) T Chrysene (C27.41)	14.691	54916	0.333 ug/ml
16) T benzo[b]fluoranthene ...	16.170	555479	3.670 ug/ml
17) T Bnezo[k]fluoranthene ...	16.170	555479	3.588 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.516	1124576	7.690 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.914	194232	1.326 ug/ml
20) T Dibenz[a,h]anthracene...	17.949	323971	2.160 ug/ml
21) T Benzo[g,h,i]perylene ...	18.120	728551	4.938 ug/ml

(f)=RT Delta > 1/2 Window

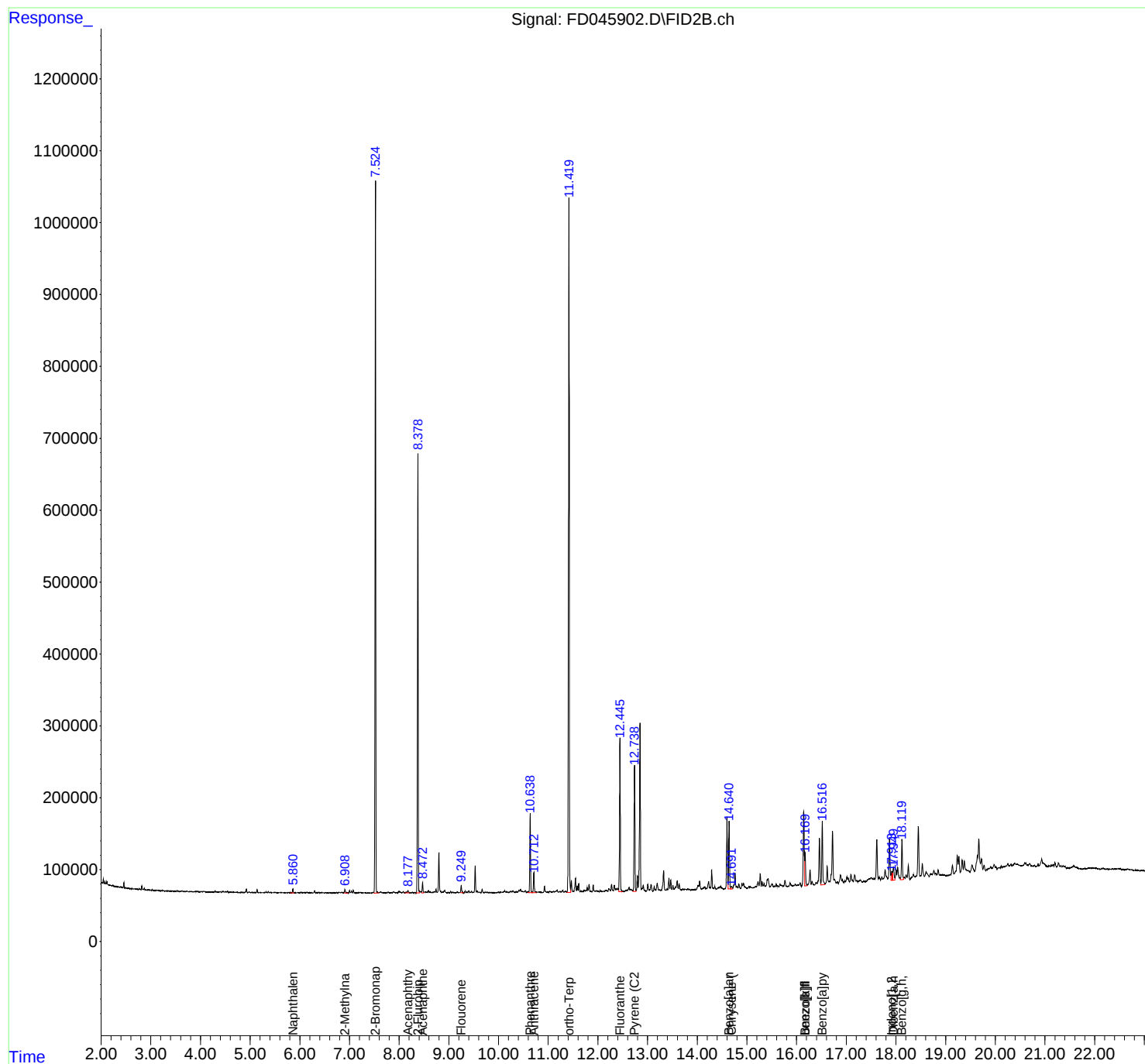
(m)=manual int.

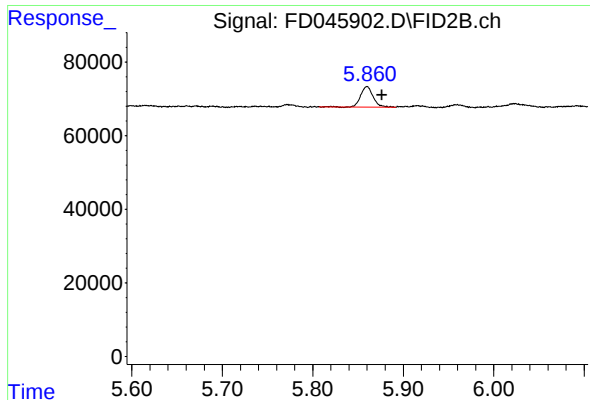
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062023AR\
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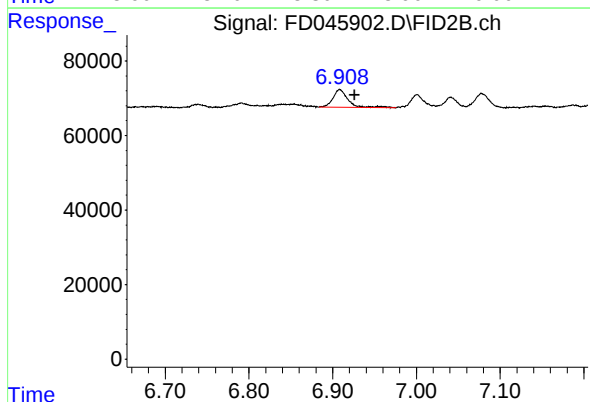




#2 Naphthalene (C11.7)

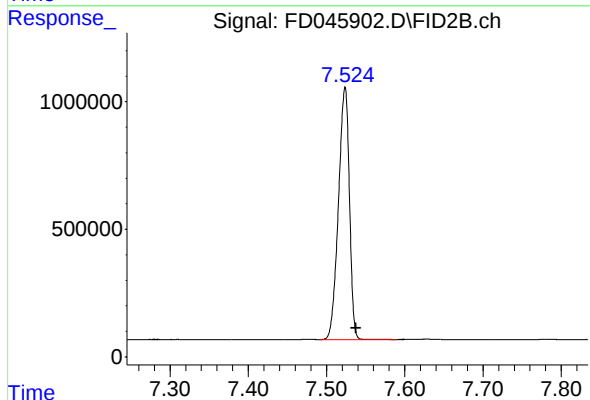
R.T.: 5.860 min
Delta R.T.: -0.017 min
Response: 53812
Conc: 0.25 ug/ml

Instrument :
FID_D
ClientSampleId :



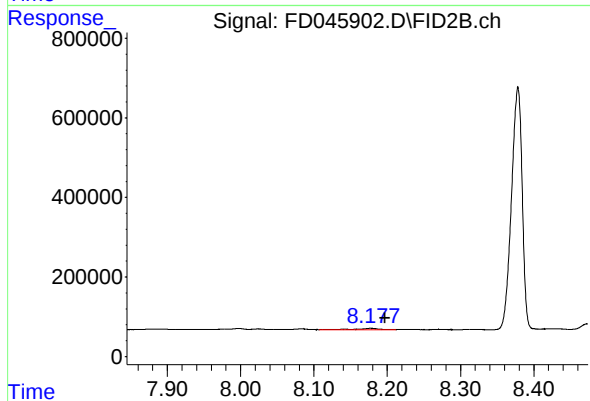
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.909 min
Delta R.T.: -0.017 min
Response: 59146
Conc: 0.28 ug/ml



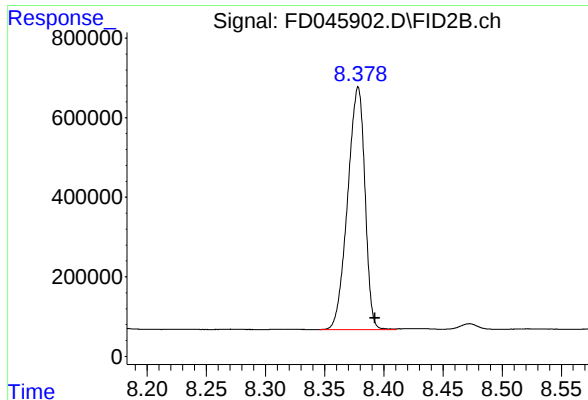
#4 2-Bromonaphthalene (SURR)

R.T.: 7.523 min
Delta R.T.: -0.014 min
Response: 9648386
Conc: 53.52 ug/ml



#5 Acenaphthylene (C15.06)

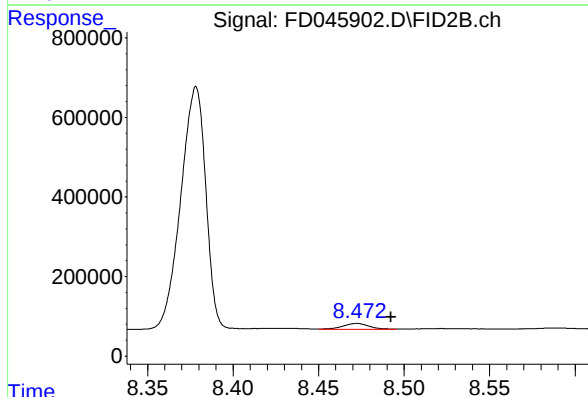
R.T.: 8.178 min
Delta R.T.: -0.019 min
Response: 69472
Conc: 0.37 ug/ml



#6 2-Fluorobiphenyl (SURR)

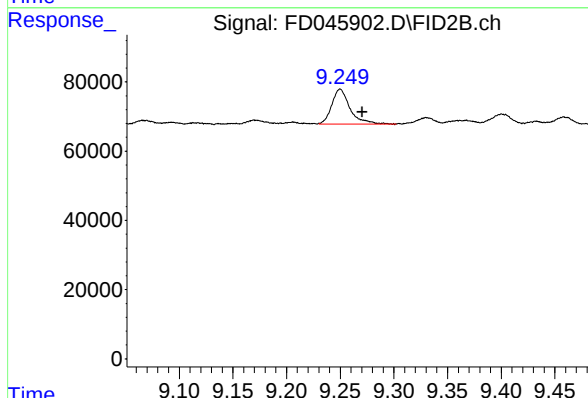
R.T.: 8.378 min
Delta R.T.: -0.015 min
Response: 6207698
Conc: 51.63 ug/ml

Instrument :
FID_D
ClientSampleId :



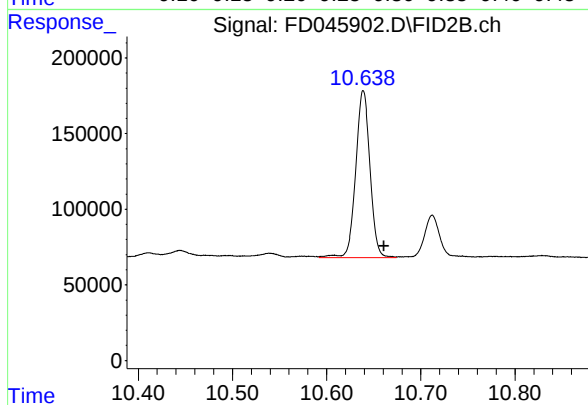
#7 Acenaphthene (C15.5)

R.T.: 8.472 min
Delta R.T.: -0.020 min
Response: 156771
Conc: 0.78 ug/ml



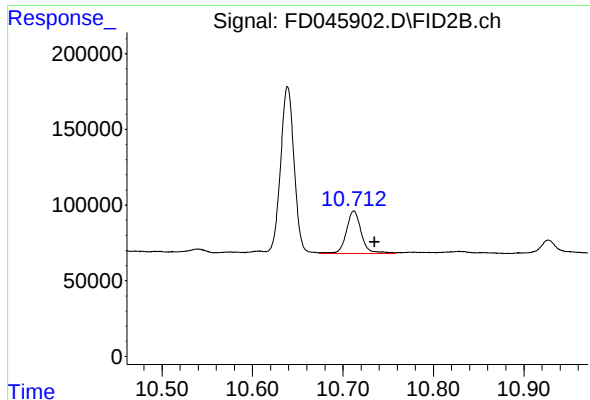
#8 Flouorene (C16.55)

R.T.: 9.250 min
Delta R.T.: -0.020 min
Response: 118648
Conc: 0.60 ug/ml



#9 Phenanthrene (C19.36)

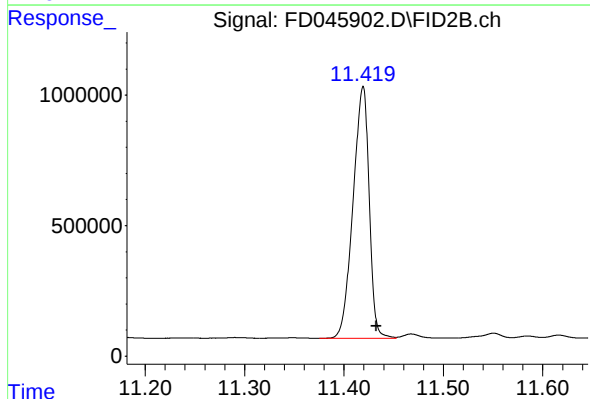
R.T.: 10.639 min
Delta R.T.: -0.022 min
Response: 1166520
Conc: 6.10 ug/ml



#10 Anthracene (C19.43)

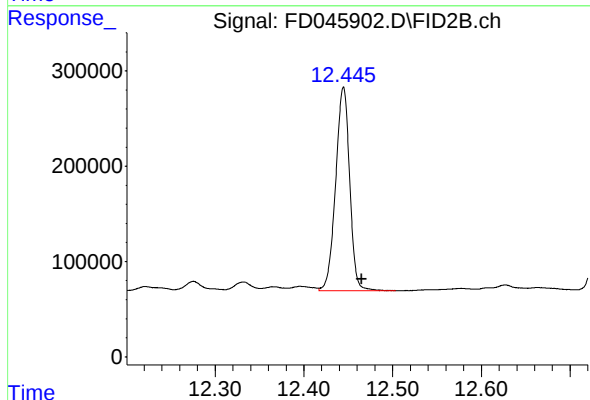
R.T.: 10.712 min
Delta R.T.: -0.023 min
Response: 325756
Conc: 1.91 ug/ml

Instrument :
FID_D
ClientSampleId :



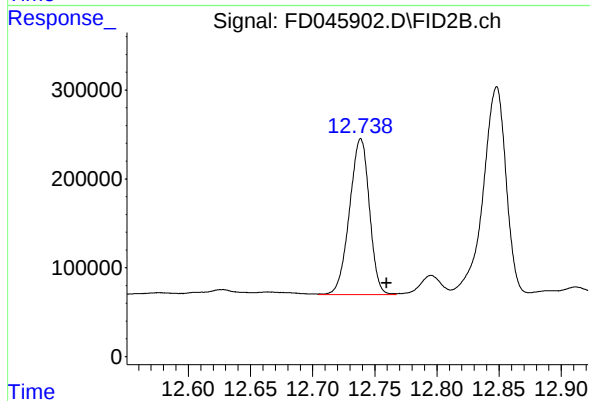
#11 ortho-Terphenyl (SURR)

R.T.: 11.419 min
Delta R.T.: -0.014 min
Response: 10886898
Conc: 48.74 ug/ml



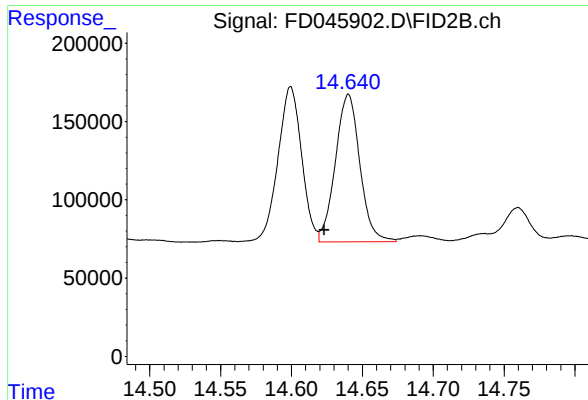
#12 Fluoranthene (C21.85)

R.T.: 12.445 min
Delta R.T.: -0.020 min
Response: 2353157
Conc: 12.74 ug/ml



#13 Pyrene (C20.8)

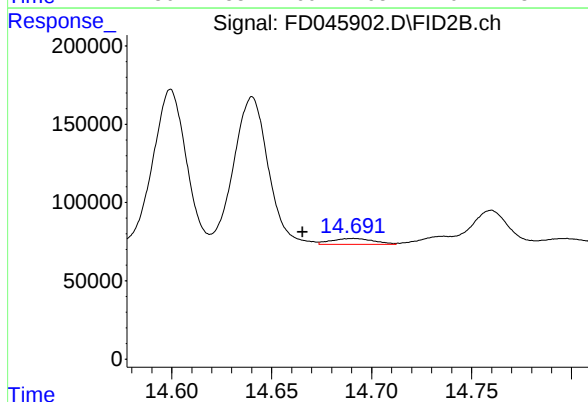
R.T.: 12.739 min
Delta R.T.: -0.021 min
Response: 1960418
Conc: 10.98 ug/ml



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

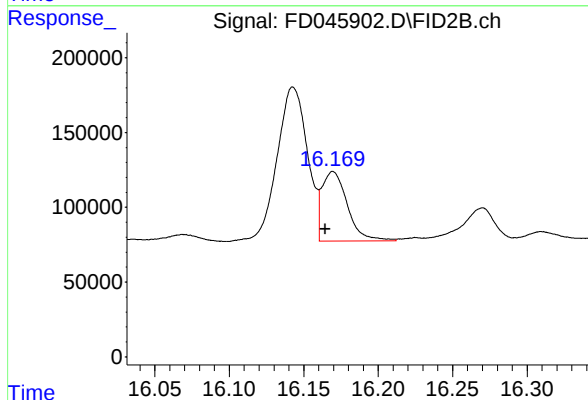
R.T.: 14.640 min
Delta R.T.: 0.017 min
Response: 1132685
Conc: 7.23 ug/ml

Instrument :
FID_D
ClientSampleId :



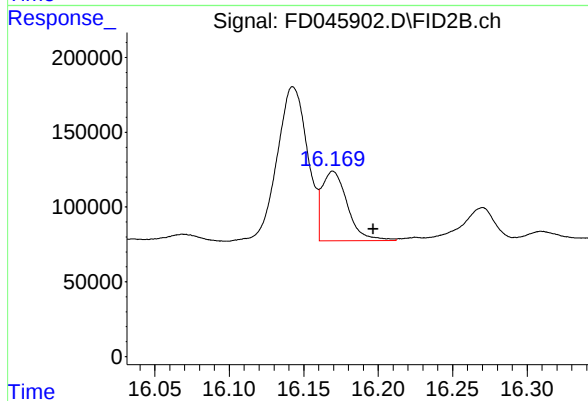
#15 Chrysene (C27.41)

R.T.: 14.691 min
Delta R.T.: 0.025 min
Response: 54916
Conc: 0.33 ug/ml



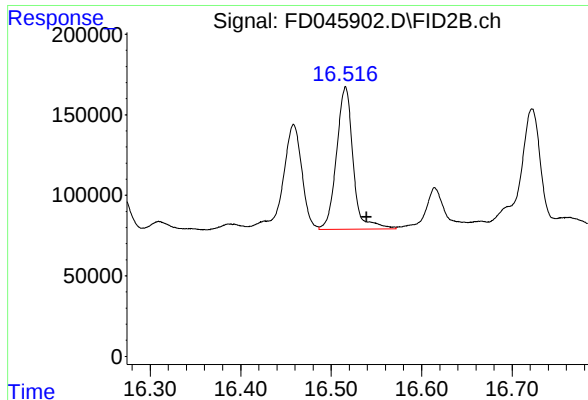
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.170 min
Delta R.T.: 0.005 min
Response: 555479
Conc: 3.67 ug/ml



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

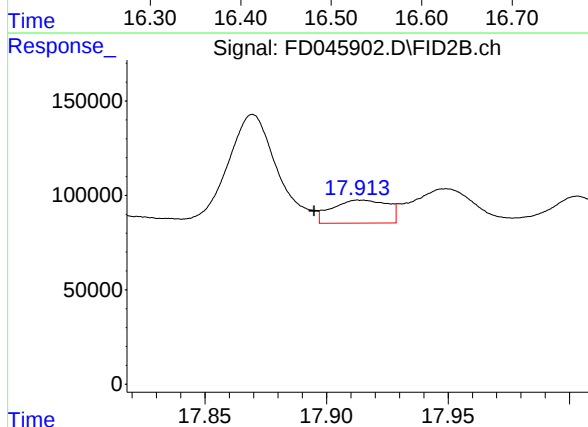
R.T.: 16.170 min
Delta R.T.: -0.027 min
Response: 555479
Conc: 3.59 ug/ml



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

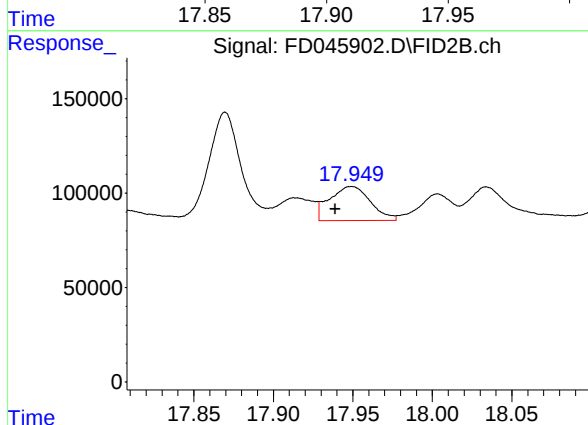
R.T.: 16.516 min
Delta R.T.: -0.024 min
Response: 1124576
Conc: 7.69 ug/ml

Instrument :
FID_D
ClientSampleId :



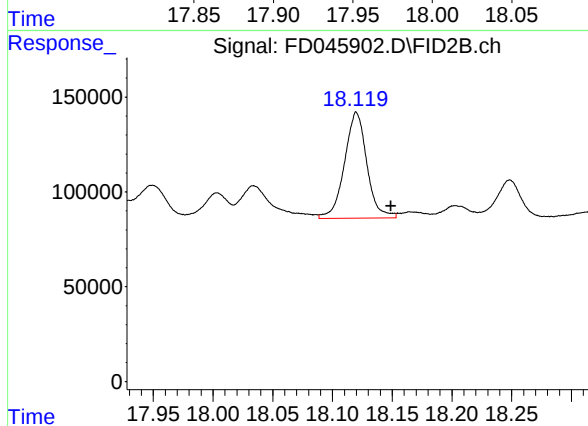
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.914 min
Delta R.T.: 0.019 min
Response: 194232
Conc: 1.33 ug/ml



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

R.T.: 17.949 min
Delta R.T.: 0.010 min
Response: 323971
Conc: 2.16 ug/ml



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

R.T.: 18.120 min
Delta R.T.: -0.029 min
Response: 728551
Conc: 4.94 ug/ml