

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082422AR\
 Data File : FD043734.D
 Signal(s) : FID2B.ch
 Acq On : 24 Aug 2022 19:14
 Operator : YP/AJ
 Sample : PB147236BS
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 25 03:29:36 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 082322.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 24 02:39:46 2022
 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...	7.470	7878588	45.599 ug/ml
Spiked Amount 50.000		Recovery =	91.20%
6) S 2-Fluorobiphenyl (SURR)	8.326	5140311	51.100 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	102.20%
11) S ortho-Terphenyl (SURR)	11.361	8962853	42.841 ug/ml
Spiked Amount 50.000		Recovery =	85.68%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.271	5999276	30.125 ug/ml
2) T Naphthalene (C11.7)	5.808	6822205	33.941 ug/ml
3) T 2-Methylnaphthalene (...)	6.856	7006591	38.818 ug/ml
5) T Acenaphthylene (C15.06)	8.129	7459963	37.321 ug/ml
7) T Acenaphthene (C15.5)	8.422	8321133	38.710 ug/ml
8) T Flouorene (C16.55)	9.203	8340980	43.508 ug/ml
9) T Phenanthrene (C19.36)	10.596	8480494	47.160 ug/ml
10) T Anthracene (C19.43)	10.671	8830035	45.397 ug/ml
13) T Pyrene (C20.8)	12.698	8290042	44.411 ug/ml
14) T Benzo[a]anthracene (C...	14.610	8757394	61.206 ug/ml
15) T Chrysene (C27.41)	14.610	8757394	45.373 ug/ml
16) T benzo[b]fluoranthene ...	16.148	15231756	105.556 ug/ml
17) T Bnezo[k]fluoranthene ...	16.148	15231756	88.560 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.492	7474980	51.478 ug/ml
21) T Benzo[g,h,i]perylene ...	18.109	5765648	45.290 ug/ml

(f)=RT Delta > 1/2 Window

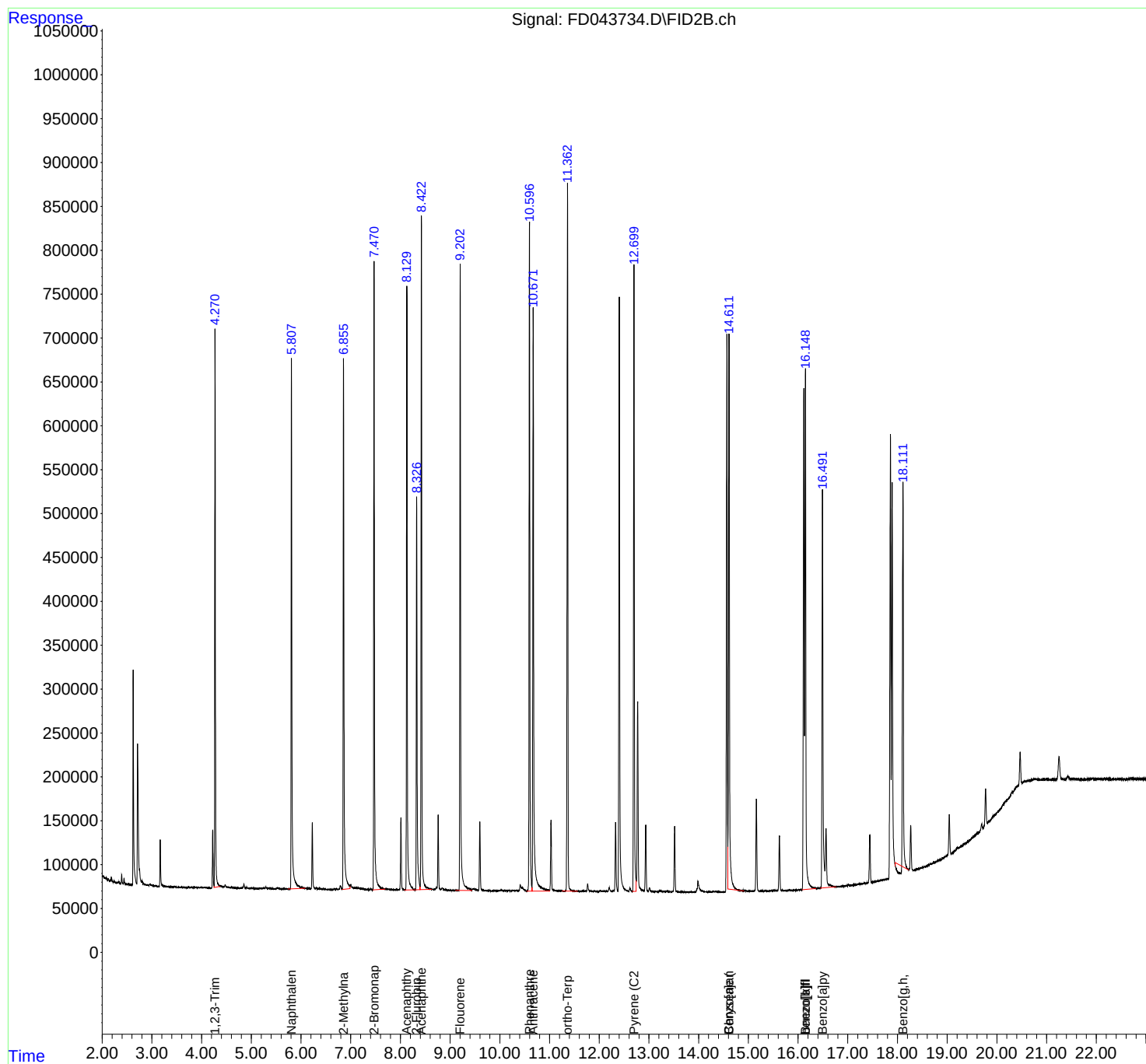
(m)=manual int.

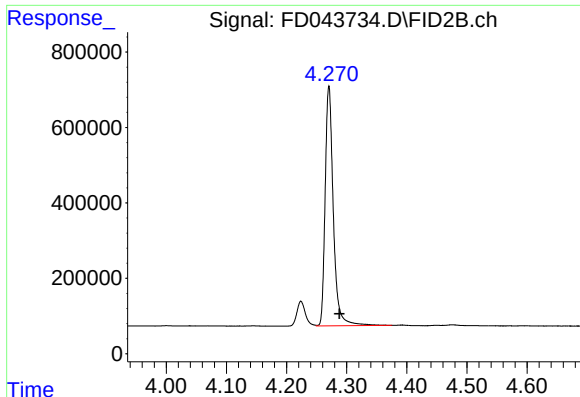
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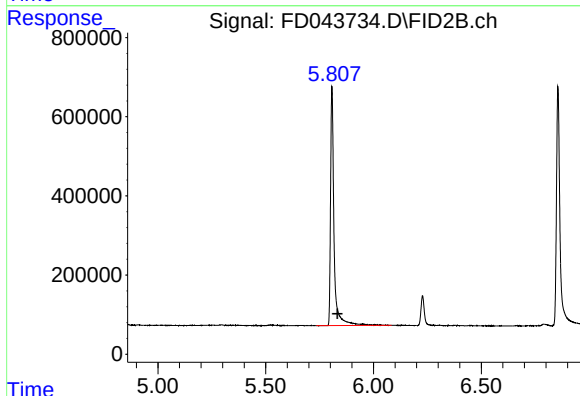




#1 1,2,3-Trimethylbenzene (C10.1)

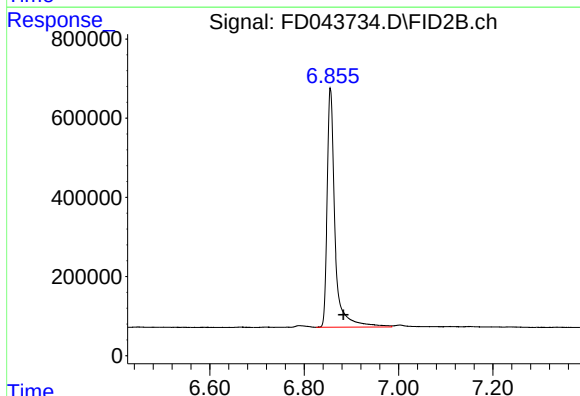
R.T.: 4.271 min
Delta R.T.: -0.017 min
Response: 5999276
Conc: 30.12 ug/ml

Instrument :
FID_D
ClientSampleId :



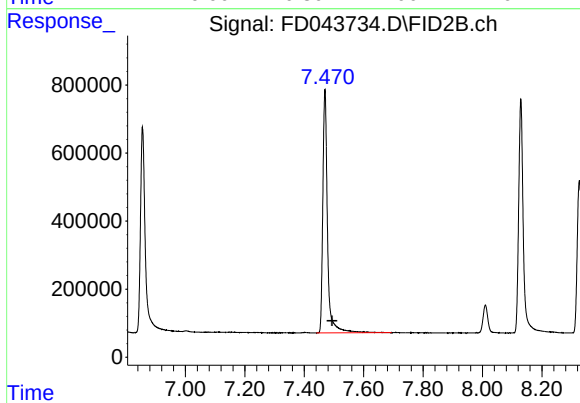
#2 Naphthalene (C11.7)

R.T.: 5.808 min
Delta R.T.: -0.026 min
Response: 6822205
Conc: 33.94 ug/ml



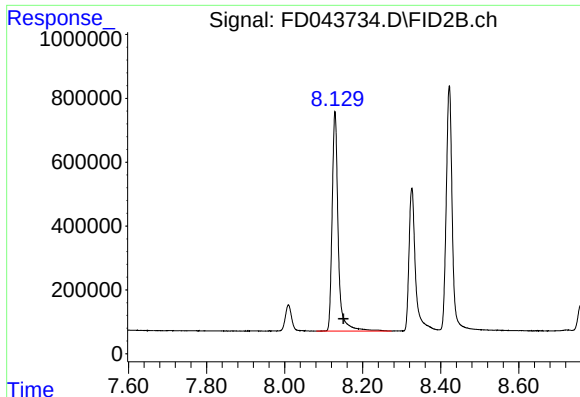
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.856 min
Delta R.T.: -0.027 min
Response: 7006591
Conc: 38.82 ug/ml



#4 2-Bromonaphthalene (SURR)

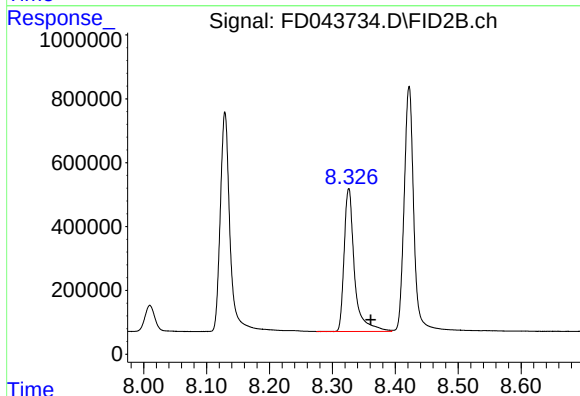
R.T.: 7.470 min
Delta R.T.: -0.023 min
Response: 7878588
Conc: 45.60 ug/ml



#5 Acenaphthylene (C15.06)

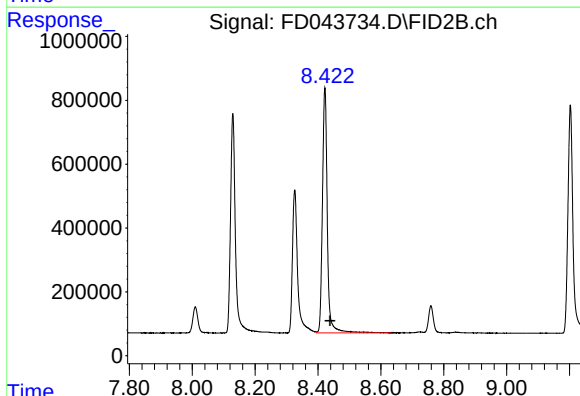
R.T.: 8.129 min
Delta R.T.: -0.021 min
Response: 7459963
Conc: 37.32 ug/ml

Instrument :
FID_D
ClientSampleId :



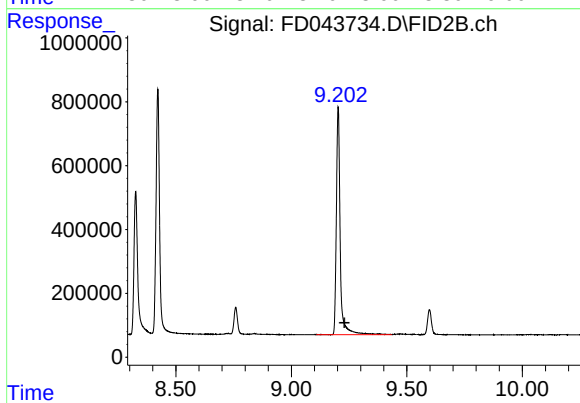
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.326 min
Delta R.T.: -0.035 min
Response: 5140311
Conc: 51.10 ug/ml



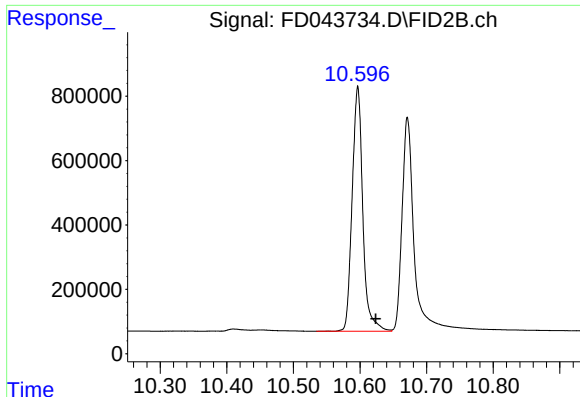
#7 Acenaphthene (C15.5)

R.T.: 8.422 min
Delta R.T.: -0.017 min
Response: 8321133
Conc: 38.71 ug/ml



#8 Flouorene (C16.55)

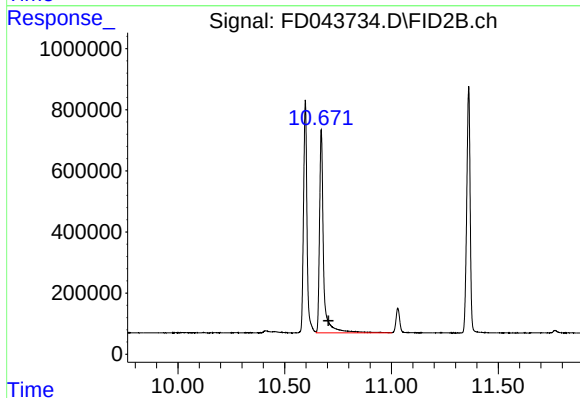
R.T.: 9.203 min
Delta R.T.: -0.027 min
Response: 8340980
Conc: 43.51 ug/ml



#9 Phenanthrene (C19.36)

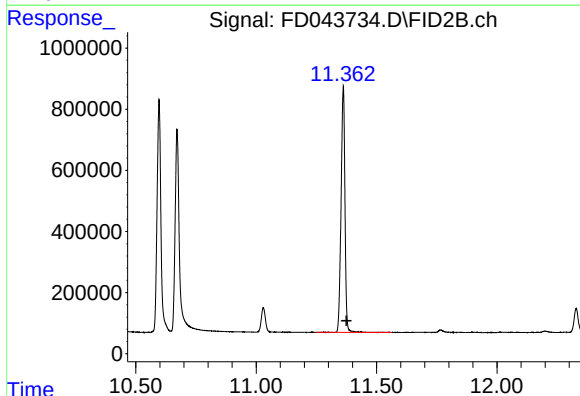
R.T.: 10.596 min
Delta R.T.: -0.027 min
Response: 8480494
Conc: 47.16 ug/ml

Instrument :
FID_D
ClientSampleId :



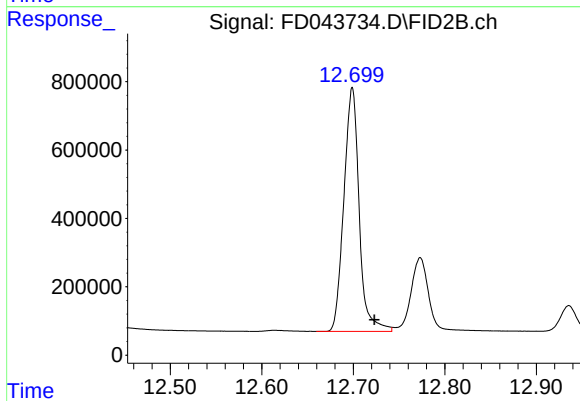
#10 Anthracene (C19.43)

R.T.: 10.671 min
Delta R.T.: -0.034 min
Response: 8830035
Conc: 45.40 ug/ml



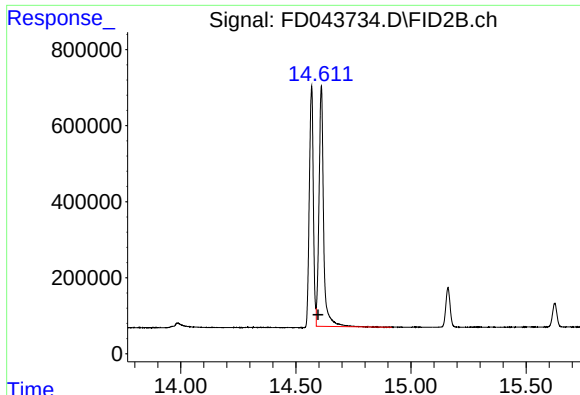
#11 ortho-Terphenyl (SURR)

R.T.: 11.361 min
Delta R.T.: -0.014 min
Response: 8962853
Conc: 42.84 ug/ml



#13 Pyrene (C20.8)

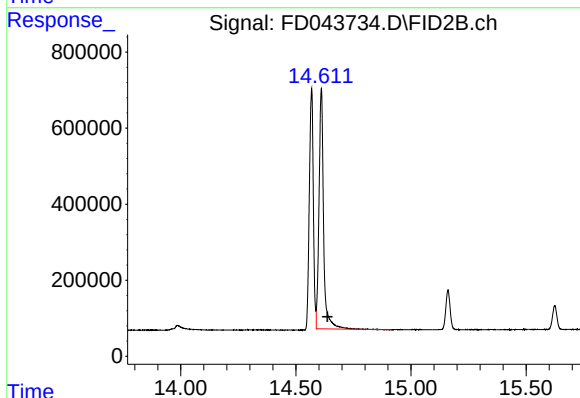
R.T.: 12.698 min
Delta R.T.: -0.025 min
Response: 8290042
Conc: 44.41 ug/ml



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

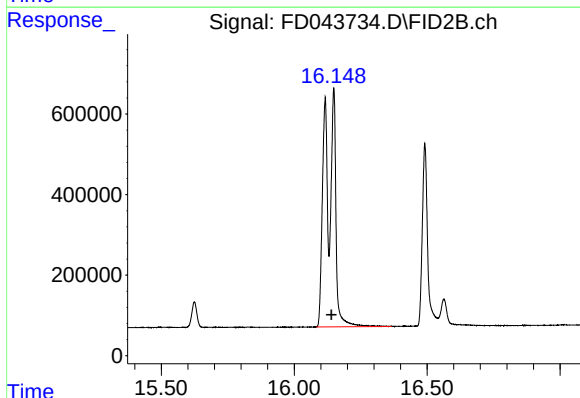
R.T.: 14.610 min
Delta R.T.: 0.013 min
Response: 8757394
Conc: 61.21 ug/ml

Instrument :
FID_D
ClientSampleId :



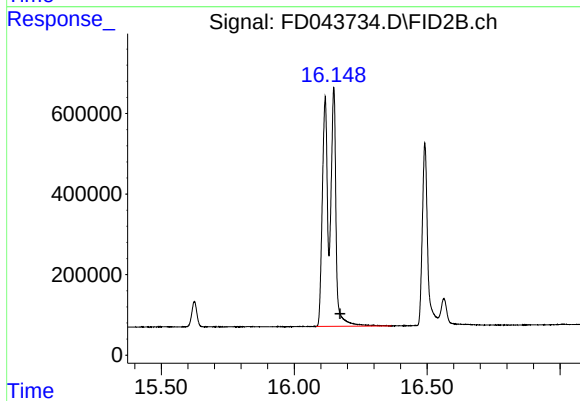
#15 Chrysene (C27.41)

R.T.: 14.610 min
Delta R.T.: -0.026 min
Response: 8757394
Conc: 45.37 ug/ml



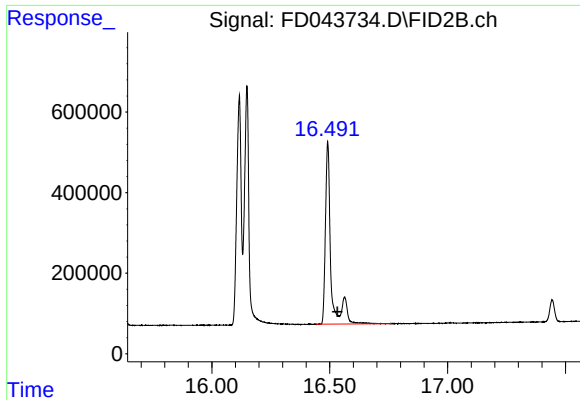
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.148 min
Delta R.T.: 0.008 min
Response: 15231756
Conc: 105.56 ug/ml



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

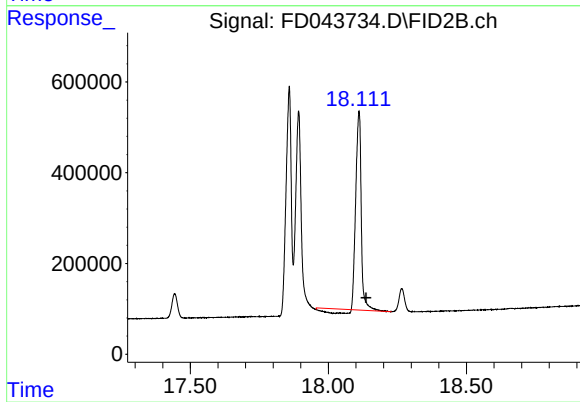
R.T.: 16.148 min
Delta R.T.: -0.025 min
Response: 15231756
Conc: 88.56 ug/ml



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

R.T.: 16.492 min
Delta R.T.: -0.042 min
Response: 7474980
Conc: 51.48 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.109 min
Delta R.T.: -0.027 min
Response: 5765648
Conc: 45.29 ug/ml