

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062822AR\
 Data File : FD043095.D
 Signal(s) : FID2B.ch
 Acq On : 28 Jun 2022 21:43
 Operator : YP/AJ
 Sample : N3514-03D
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 29 02:51:14 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 25 04:47:50 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...	7.634	8797000	56.972 ug/ml
Spiked Amount 50.000		Recovery =	113.94%
6) S 2-Fluorobiphenyl (SURR)	8.499	5727880	54.306 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	108.61%
11) S ortho-Terphenyl (SURR)	11.544	8442051	46.449 ug/ml
Spiked Amount 50.000		Recovery =	92.90%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.456	129191	0.769 ug/ml
2) T Naphthalene (C11.7)	5.969	316091	1.805 ug/ml
3) T 2-Methylnaphthalene (...)	7.027	2073989	12.894 ug/ml
5) T Acenaphthylene (C15.06)	8.284	3491064	19.641 ug/ml
7) T Acenaphthene (C15.5)	8.608	1851282	10.572 ug/ml
8) T Flouorene (C16.55)	9.379	2608440	15.048 ug/ml
9) T Phenanthrene (C19.36)	10.773	2647018	15.434 ug/ml
10) T Anthracene (C19.43)	10.855	1902302	11.197 ug/ml
12) T Fluoranthene (C21.85)	12.585	449469	2.680 ug/ml
13) T Pyrene (C20.8)	12.880	276052	1.694 ug/ml
14) T Benzo[a]anthracene (C...	14.751	214354	1.380 ug/ml
15) T Chrysene (C27.41)	14.791	217703	1.379 ug/ml
16) T benzo[b]fluoranthene ...	16.304	225613	1.480 ug/ml
17) T Bnezo[k]fluoranthene ...	16.304	225613	1.541 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.677	159238	1.113 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.043	137204	1.096 ug/ml
20) T Dibenz[a,h]anthracene...	18.087	82775	0.616 ug/ml
21) T Benzo[g,h,i]perylene ...	18.293	168180	1.289 ug/ml

(f)=RT Delta > 1/2 Window

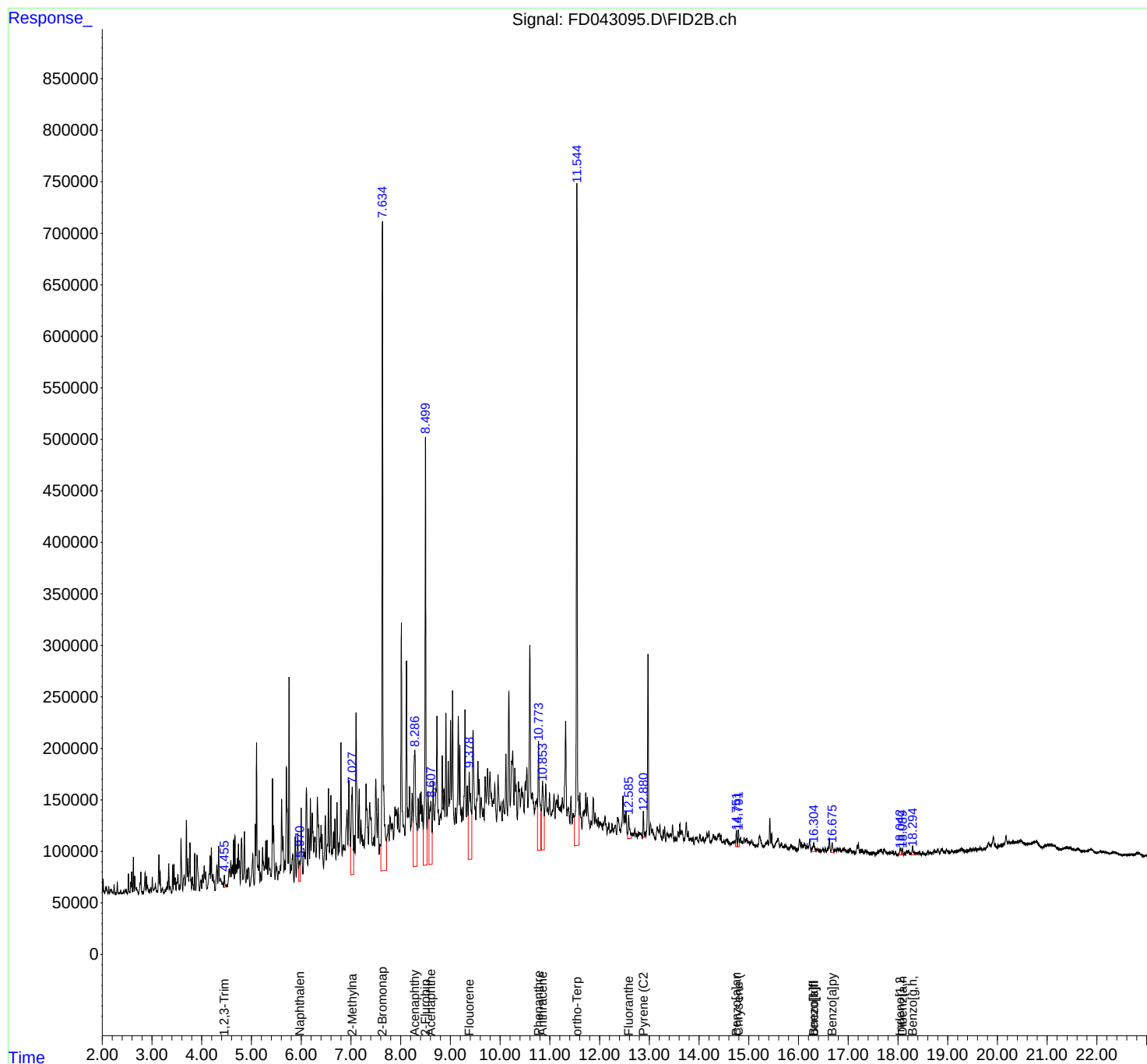
(m)=manual int.

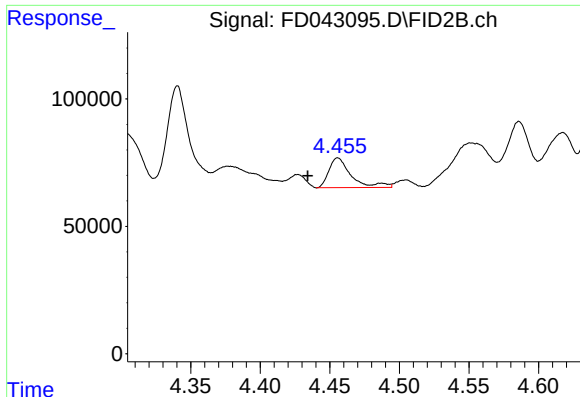
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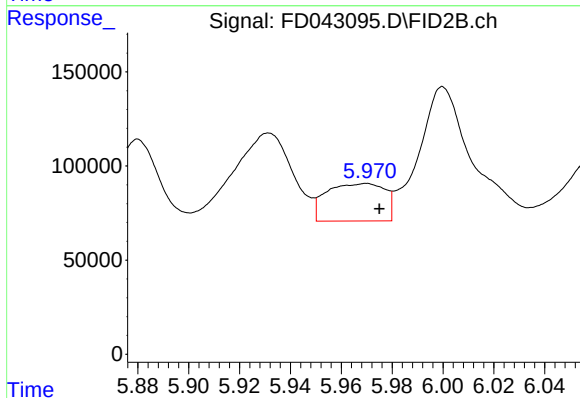




#1 1,2,3-Trimethylbenzene (C10.1)

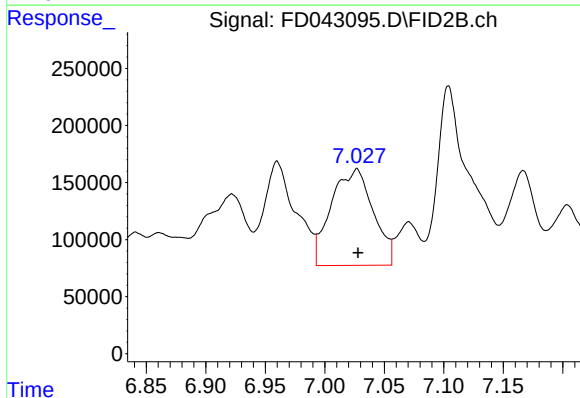
R.T.: 4.456 min
Delta R.T.: 0.022 min
Response: 129191
Conc: 0.77 ug/ml

Instrument :
FID_D
ClientSampleId :



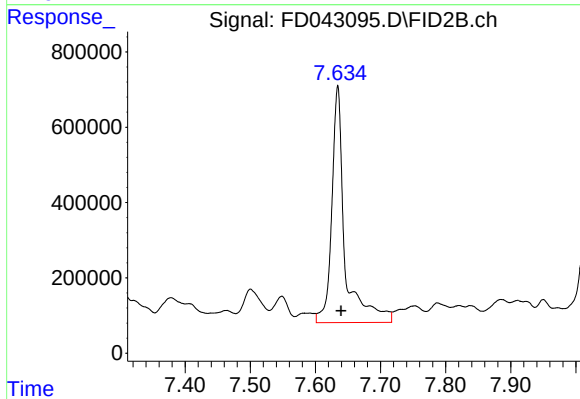
#2 Naphthalene (C11.7)

R.T.: 5.969 min
Delta R.T.: -0.006 min
Response: 316091
Conc: 1.81 ug/ml



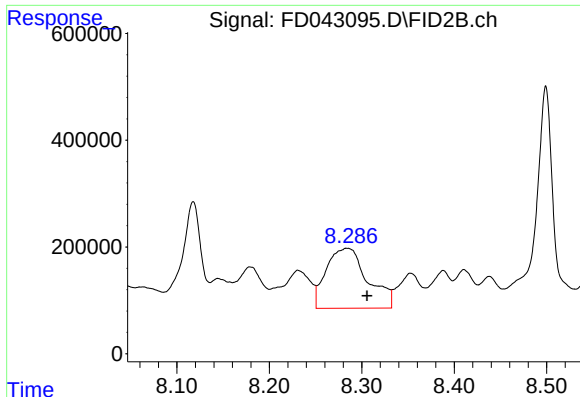
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.027 min
Delta R.T.: -0.001 min
Response: 2073989
Conc: 12.89 ug/ml



#4 2-Bromonaphthalene (SURR)

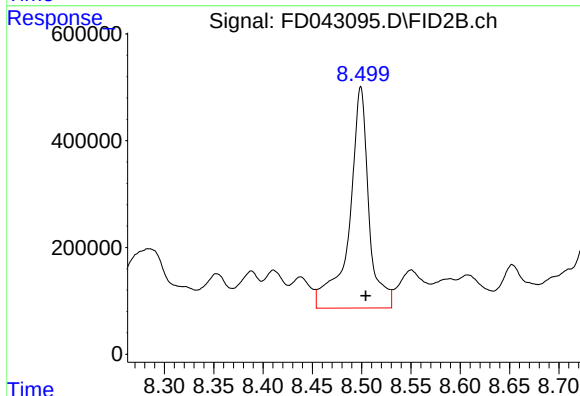
R.T.: 7.634 min
Delta R.T.: -0.005 min
Response: 8797000
Conc: 56.97 ug/ml



#5 Acenaphthylene (C15.06)

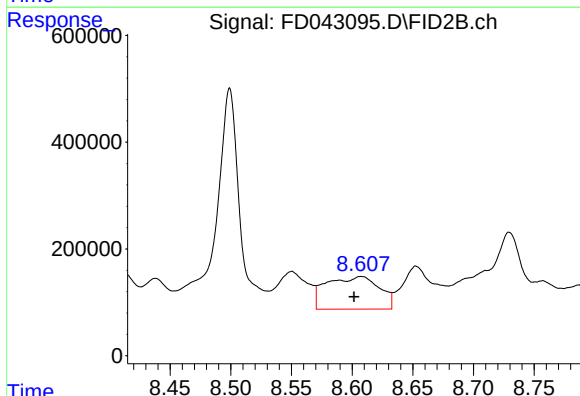
R.T.: 8.284 min
Delta R.T.: -0.022 min
Response: 3491064
Conc: 19.64 ug/ml

Instrument :
FID_D
ClientSampleId :



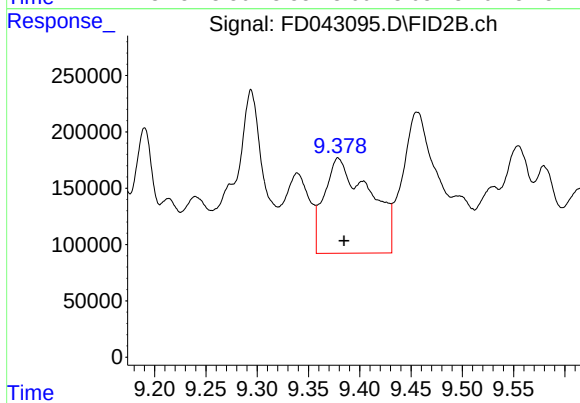
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.499 min
Delta R.T.: -0.005 min
Response: 5727880
Conc: 54.31 ug/ml



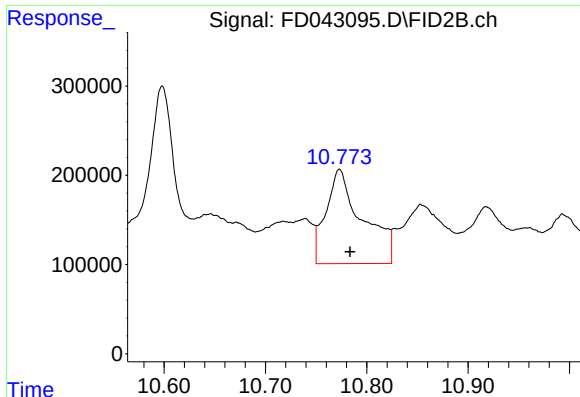
#7 Acenaphthene (C15.5)

R.T.: 8.608 min
Delta R.T.: 0.006 min
Response: 1851282
Conc: 10.57 ug/ml



#8 Flouorene (C16.55)

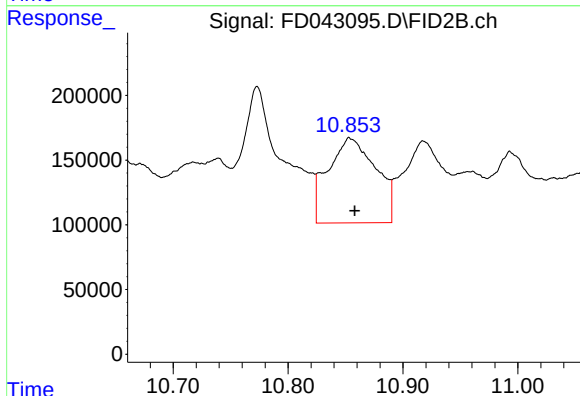
R.T.: 9.379 min
Delta R.T.: -0.005 min
Response: 2608440
Conc: 15.05 ug/ml



#9 Phenanthrene (C19.36)

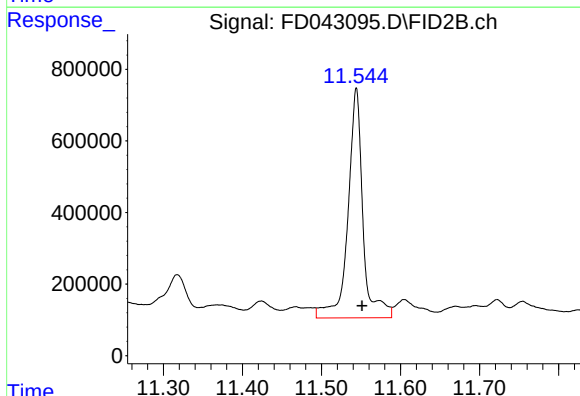
R.T.: 10.773 min
Delta R.T.: -0.011 min
Response: 2647018
Conc: 15.43 ug/ml

Instrument :
FID_D
ClientSampleId :



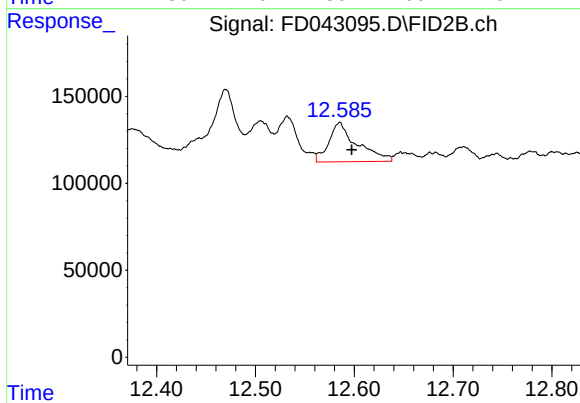
#10 Anthracene (C19.43)

R.T.: 10.855 min
Delta R.T.: -0.004 min
Response: 1902302
Conc: 11.20 ug/ml



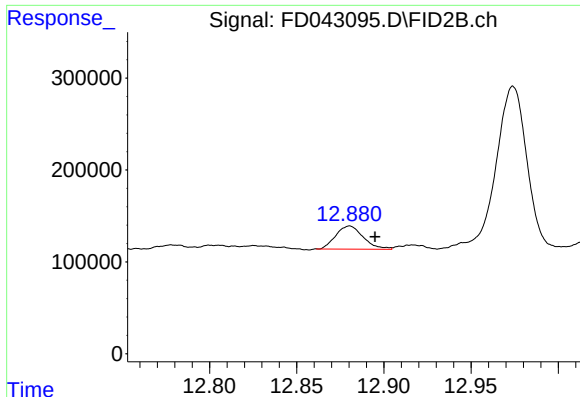
#11 ortho-Terphenyl (SURR)

R.T.: 11.544 min
Delta R.T.: -0.007 min
Response: 8442051
Conc: 46.45 ug/ml



#12 Fluoranthene (C21.85)

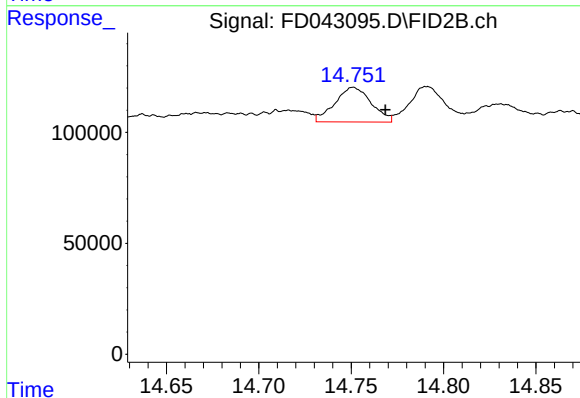
R.T.: 12.585 min
Delta R.T.: -0.012 min
Response: 449469
Conc: 2.68 ug/ml



#13 Pyrene (C20.8)

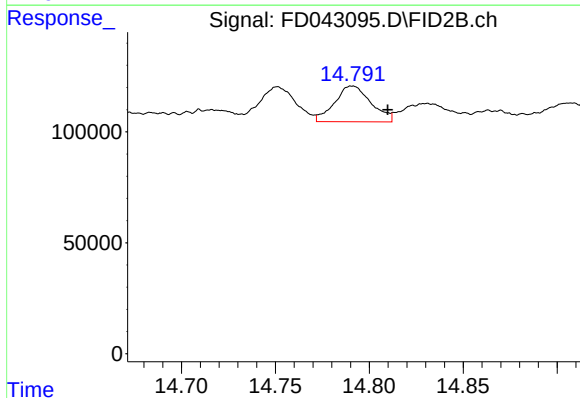
R.T.: 12.880 min
Delta R.T.: -0.015 min
Response: 276052
Conc: 1.69 ug/ml

Instrument :
FID_D
ClientSampleId :



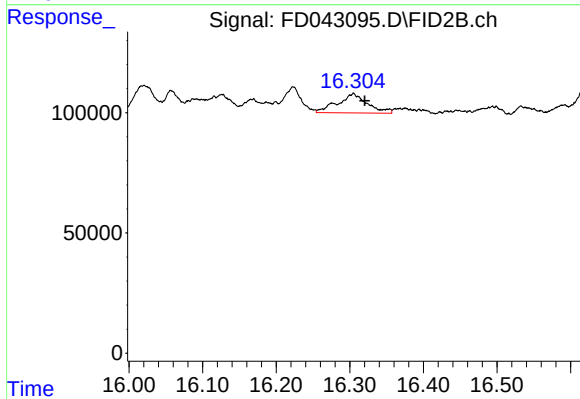
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.751 min
Delta R.T.: -0.017 min
Response: 214354
Conc: 1.38 ug/ml



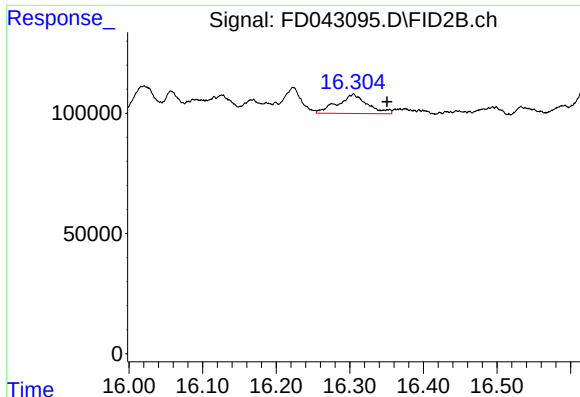
#15 Chrysene (C27.41)

R.T.: 14.791 min
Delta R.T.: -0.019 min
Response: 217703
Conc: 1.38 ug/ml



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

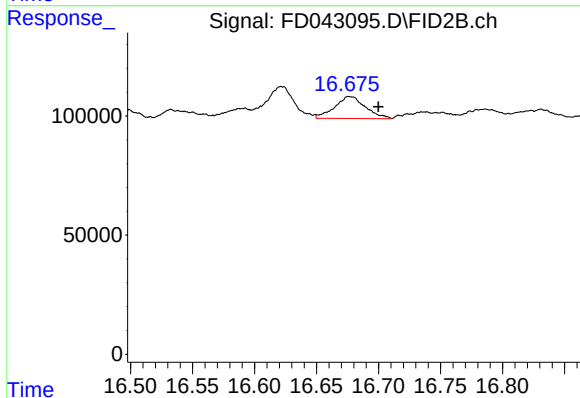
R.T.: 16.304 min
Delta R.T.: -0.016 min
Response: 225613
Conc: 1.48 ug/ml



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

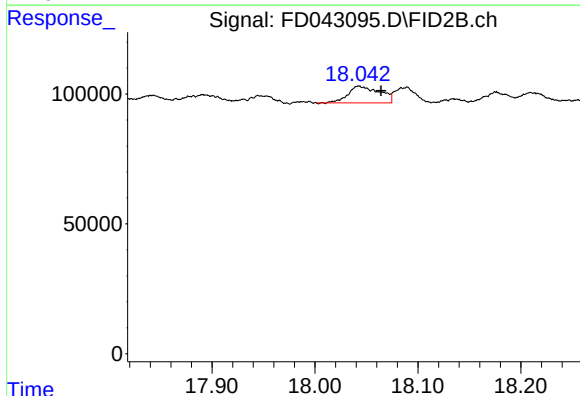
R.T.: 16.304 min
Delta R.T.: -0.046 min
Response: 225613
Conc: 1.54 ug/ml

Instrument :
FID_D
ClientSampleId :



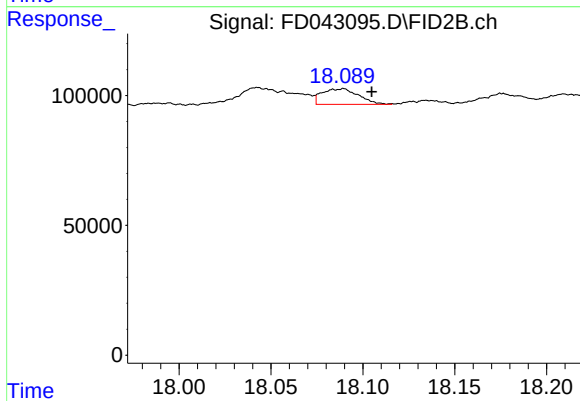
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.677 min
Delta R.T.: -0.023 min
Response: 159238
Conc: 1.11 ug/ml



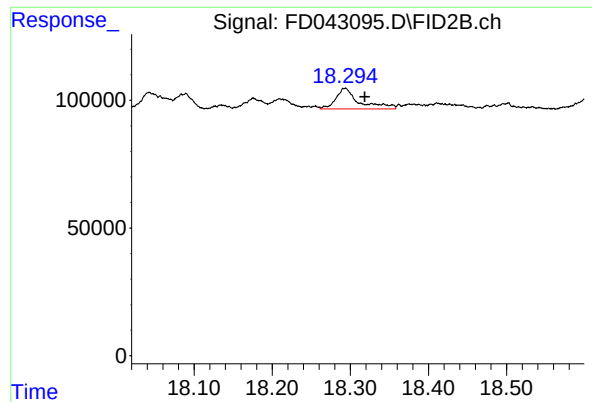
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.043 min
Delta R.T.: -0.021 min
Response: 137204
Conc: 1.10 ug/ml



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

R.T.: 18.087 min
Delta R.T.: -0.017 min
Response: 82775
Conc: 0.62 ug/ml



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

R.T.: 18.293 min
Delta R.T.: -0.025 min
Response: 168180
Conc: 1.29 ug/ml

Instrument :

FID_D

ClientSampleId :