

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD083022AR\
 Data File : FD043772.D
 Signal(s) : FID2B.ch
 Acq On : 30 Aug 2022 23:13
 Operator : YP/AJ
 Sample : N4421-09D
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 31 03:55:51 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 082322.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 25 11:00:10 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...	7.445	6736422	38.988 ug/ml
Spiked Amount 50.000		Recovery =	77.98%
6) S 2-Fluorobiphenyl (SURR)	8.300	4305690	42.803 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	85.61%
11) S ortho-Terphenyl (SURR)	11.340	4355041	20.817 ug/ml
Spiked Amount 50.000		Recovery =	41.63%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.257	104945	0.527 ug/ml
2) T Naphthalene (C11.7)	5.815	488633	2.431 ug/ml
3) T 2-Methylnaphthalene (...)	6.834	1209334	6.700 ug/ml
5) T Acenaphthylene (C15.06)	8.142	451199	2.257 ug/ml
7) T Acenaphthene (C15.5)	8.405	880380	4.096 ug/ml
8) T Fluorene (C16.55)	9.179	1217537	6.351 ug/ml
9) T Phenanthrene (C19.36)	10.574	1879115	10.450 ug/ml
10) T Anthracene (C19.43)	10.652	1403573	7.216 ug/ml
12) T Fluoranthene (C21.85)	12.329f	1248635	6.847 ug/ml
13) T Pyrene (C20.8)	12.678	2673399	14.322 ug/ml
14) T Benzo[a]anthracene (C...	14.557	579020	4.047 ug/ml
15) T Chrysene (C27.41)	14.597	1993351	10.328 ug/ml
16) T benzo[b]fluoranthene ...	16.110	2011064	13.937 ug/ml
17) T Bnezo[k]fluoranthene ...	16.110	2011064	11.693 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.493	1028290	7.082 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.860	207007	2.002 ug/ml
20) T Dibenz[a,h]anthracene...	17.894	430122	3.056 ug/ml
21) T Benzo[g,h,i]perylene ...	18.106	1145919	9.001 ug/ml

(f)=RT Delta > 1/2 Window

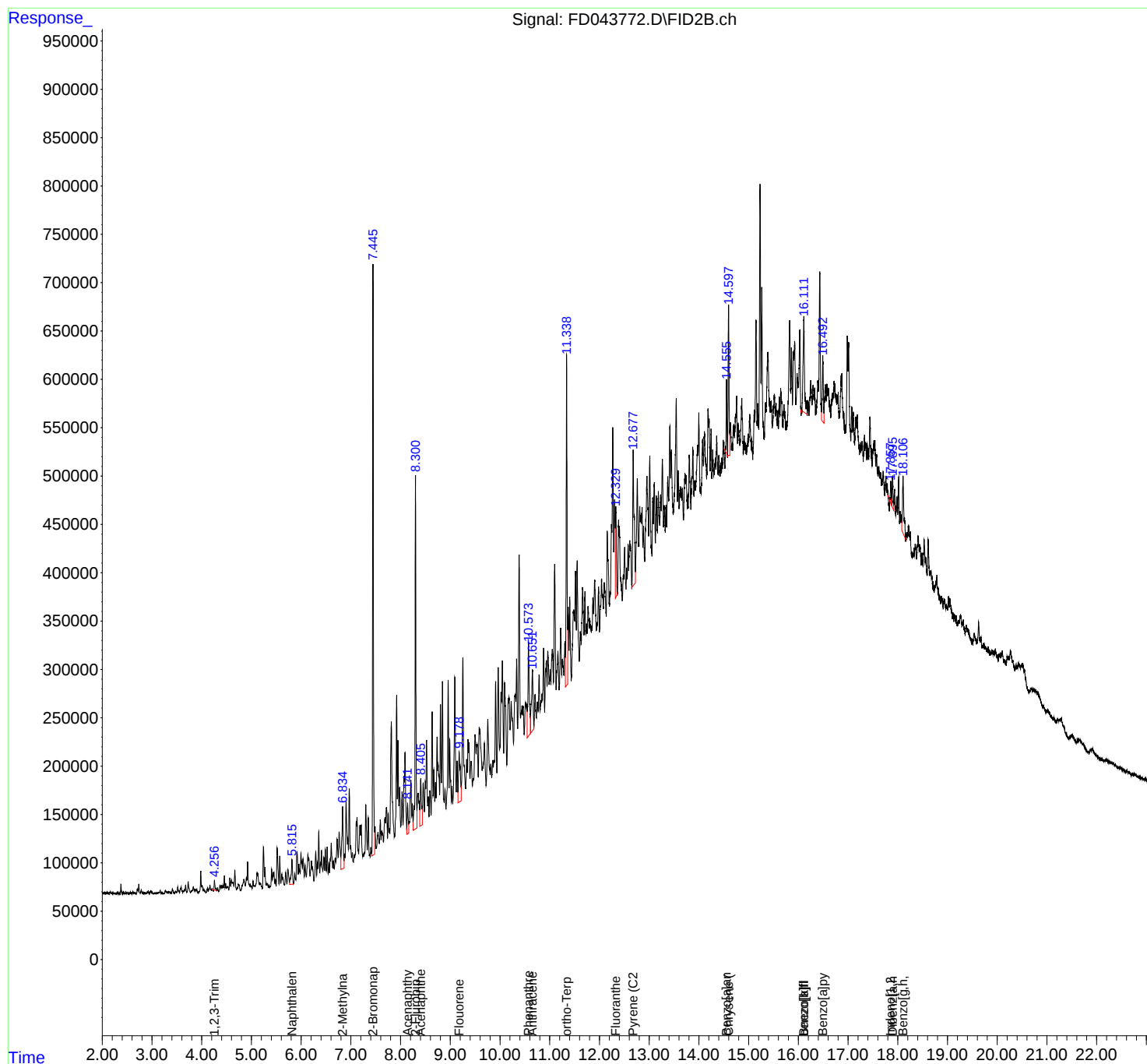
(m)=manual int.

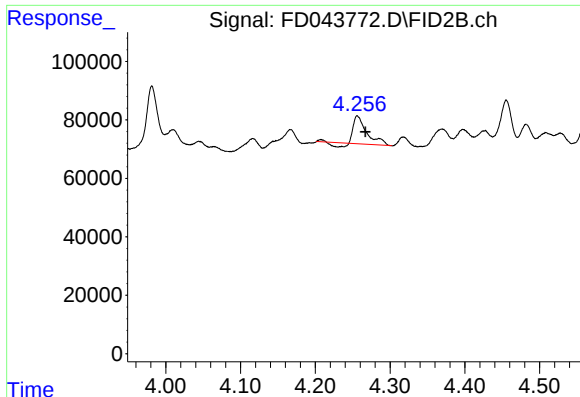
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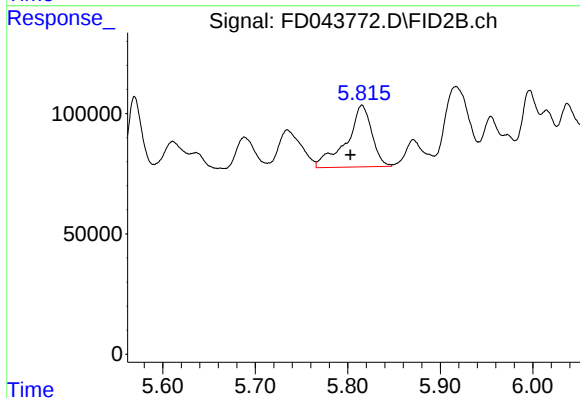




#1 1,2,3-Trimethylbenzene (C10.1)

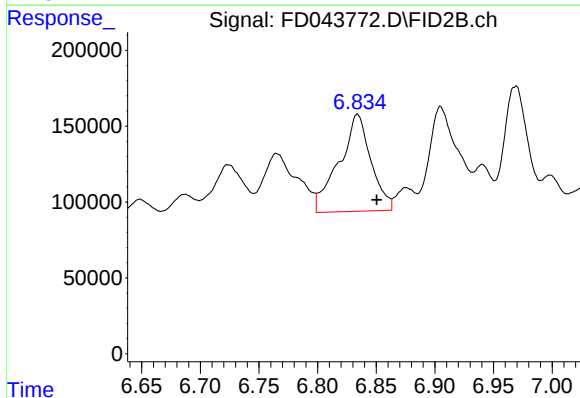
R.T.: 4.257 min
Delta R.T.: -0.010 min
Response: 104945
Conc: 0.53 ug/ml

Instrument :
FID_D
ClientSampleId :



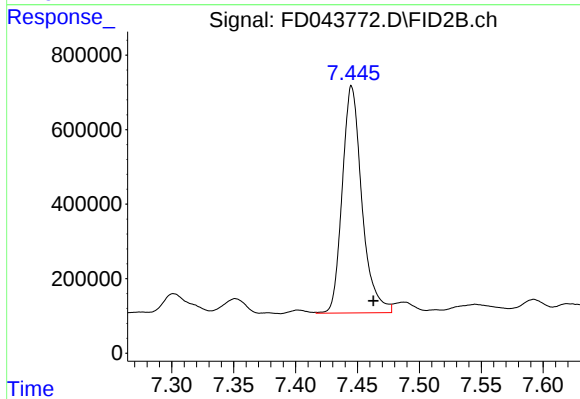
#2 Naphthalene (C11.7)

R.T.: 5.815 min
Delta R.T.: 0.012 min
Response: 488633
Conc: 2.43 ug/ml



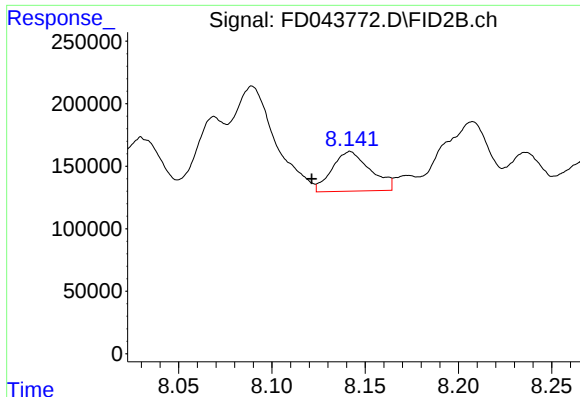
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.834 min
Delta R.T.: -0.016 min
Response: 1209334
Conc: 6.70 ug/ml



#4 2-Bromonaphthalene (SURR)

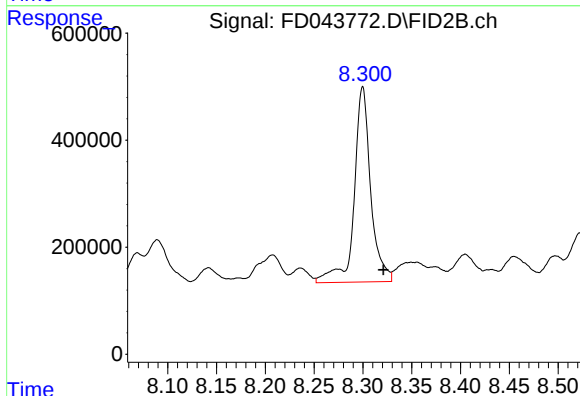
R.T.: 7.445 min
Delta R.T.: -0.018 min
Response: 6736422
Conc: 38.99 ug/ml



#5 Acenaphthylene (C15.06)

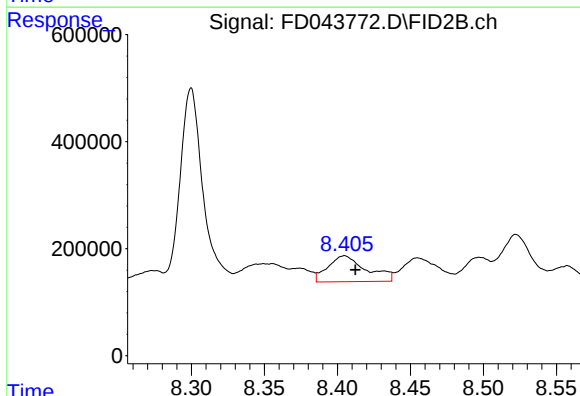
R.T.: 8.142 min
Delta R.T.: 0.020 min
Response: 451199
Conc: 2.26 ug/ml

Instrument :
FID_D
ClientSampleId :



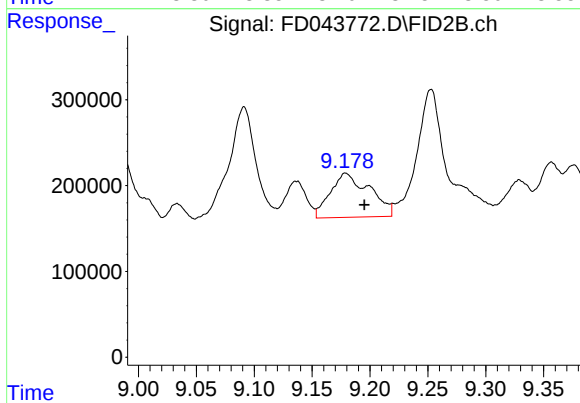
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.300 min
Delta R.T.: -0.021 min
Response: 4305690
Conc: 42.80 ug/ml



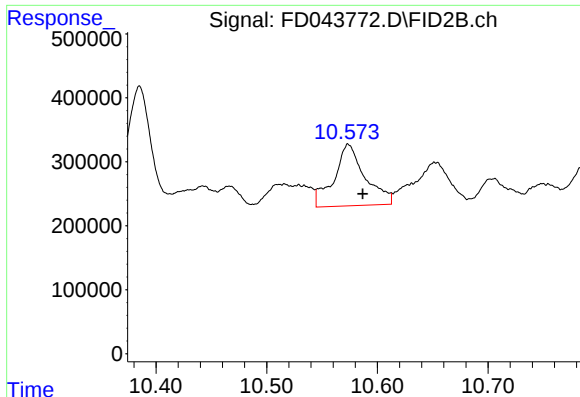
#7 Acenaphthene (C15.5)

R.T.: 8.405 min
Delta R.T.: -0.008 min
Response: 880380
Conc: 4.10 ug/ml



#8 Fluorene (C16.55)

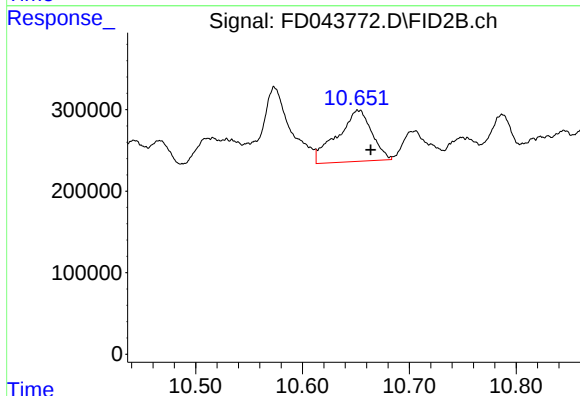
R.T.: 9.179 min
Delta R.T.: -0.016 min
Response: 1217537
Conc: 6.35 ug/ml



#9 Phenanthrene (C19.36)

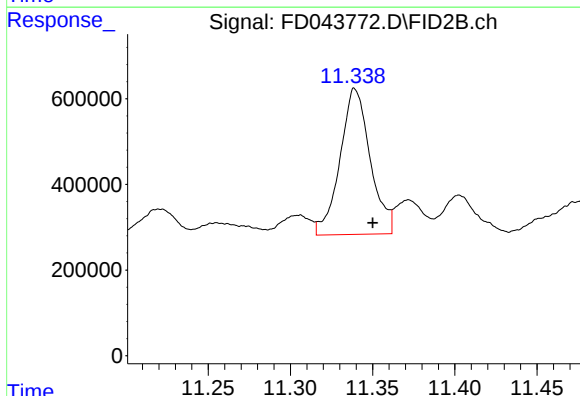
R.T.: 10.574 min
Delta R.T.: -0.013 min
Response: 1879115
Conc: 10.45 ug/ml

Instrument :
FID_D
ClientSampleId :



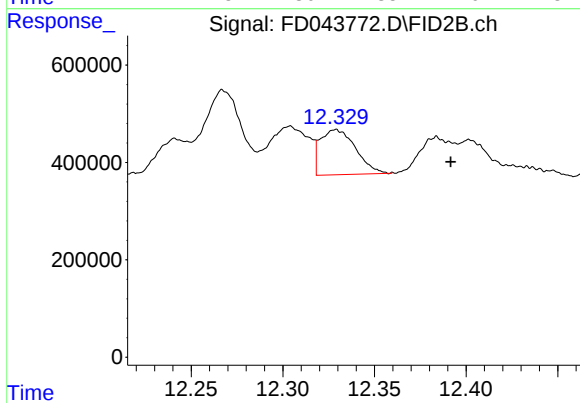
#10 Anthracene (C19.43)

R.T.: 10.652 min
Delta R.T.: -0.012 min
Response: 1403573
Conc: 7.22 ug/ml



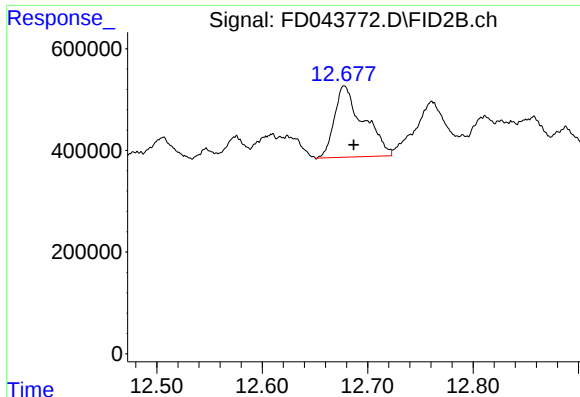
#11 ortho-Terphenyl (SURR)

R.T.: 11.340 min
Delta R.T.: -0.011 min
Response: 4355041
Conc: 20.82 ug/ml



#12 Fluoranthene (C21.85)

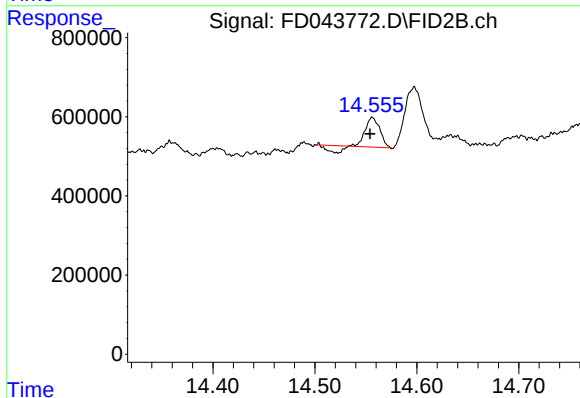
R.T.: 12.329 min
Delta R.T.: -0.063 min
Response: 1248635
Conc: 6.85 ug/ml



#13 Pyrene (C20.8)

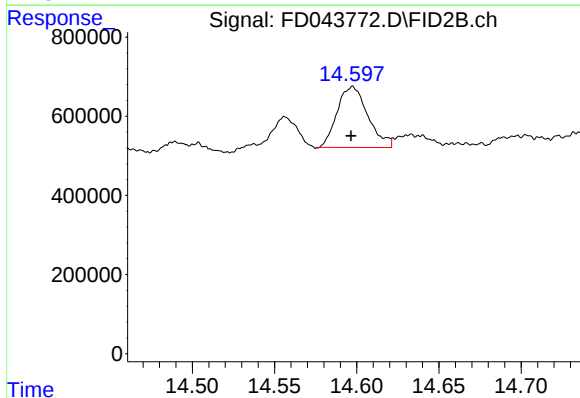
R.T.: 12.678 min
Delta R.T.: -0.009 min
Response: 2673399
Conc: 14.32 ug/ml

Instrument :
FID_D
ClientSampleId :



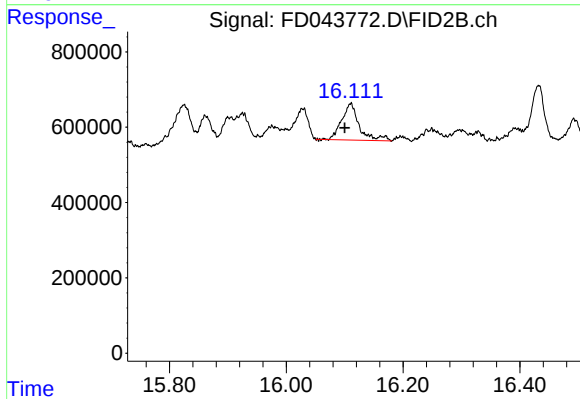
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.557 min
Delta R.T.: 0.003 min
Response: 579020
Conc: 4.05 ug/ml



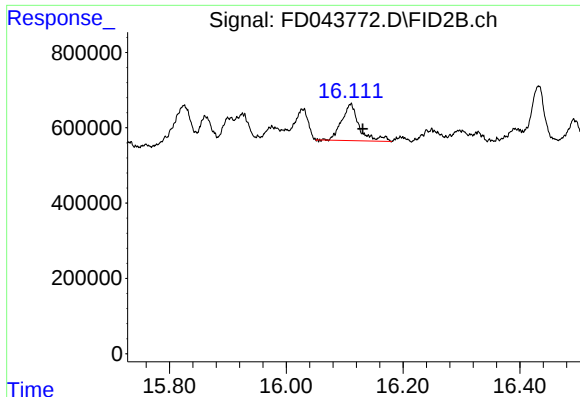
#15 Chrysene (C27.41)

R.T.: 14.597 min
Delta R.T.: 0.000 min
Response: 1993351
Conc: 10.33 ug/ml



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

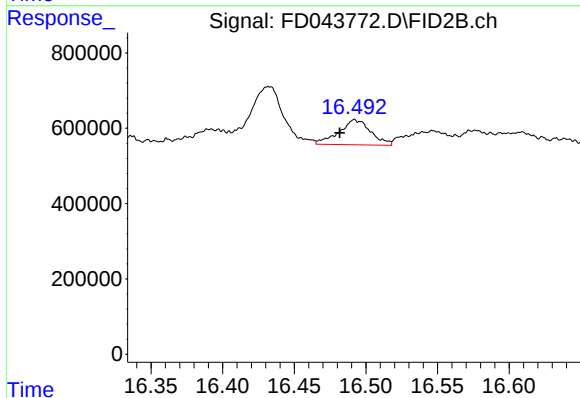
R.T.: 16.110 min
Delta R.T.: 0.010 min
Response: 2011064
Conc: 13.94 ug/ml



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

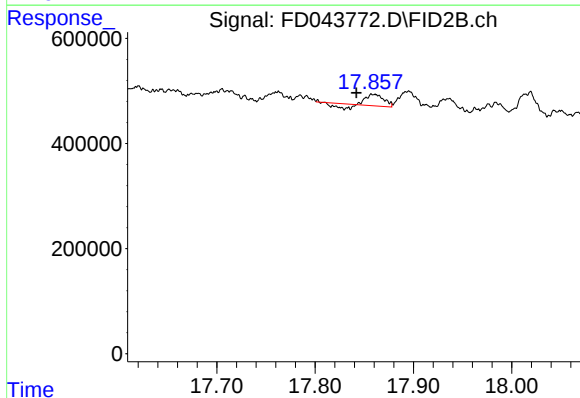
R.T.: 16.110 min
Delta R.T.: -0.021 min
Response: 2011064
Conc: 11.69 ug/ml

Instrument :
FID_D
ClientSampleId :



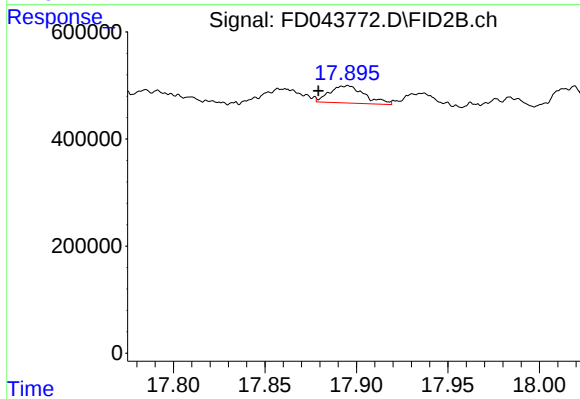
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.493 min
Delta R.T.: 0.011 min
Response: 1028290
Conc: 7.08 ug/ml



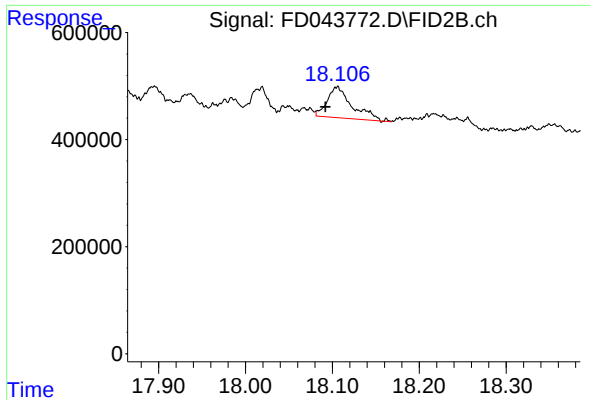
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.860 min
Delta R.T.: 0.018 min
Response: 207007
Conc: 2.00 ug/ml



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

R.T.: 17.894 min
Delta R.T.: 0.015 min
Response: 430122
Conc: 3.06 ug/ml



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

R.T.: 18.106 min
Delta R.T.: 0.014 min
Response: 1145919
Conc: 9.00 ug/ml

Instrument :
FID_D
ClientSampleId :