

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022825AR\
 Data File : FD049147.D
 Signal(s) : FID2B.ch
 Acq On : 28 Feb 2025 21:59
 Operator : YP/AJ
 Sample : Q1447-01
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 01 02:23:16 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 021125.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 12 12:54:29 2025
 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...	7.352	8151579	56.961 ug/ml
Spiked Amount 50.000		Recovery =	113.92%
6) S 2-Fluorobiphenyl (SURR)	8.203	5354108	60.903 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	121.81%
11) S ortho-Terphenyl (SURR)	11.247	10976009	67.848 ug/ml
Spiked Amount 50.000		Recovery =	135.70%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.183	258307	1.622 ug/ml
2) T Naphthalene (C11.7)	5.712	129794	0.817 ug/ml
3) T 2-Methylnaphthalene (...)	6.751	349421	2.244 ug/ml
5) T Acenaphthylene (C15.06)	8.006	257922	1.586 ug/ml
7) T Acenaphthene (C15.5)	8.294	298947	1.817 ug/ml
8) T Flouorene (C16.55)	9.074	663088	4.206 ug/ml
9) T Phenanthrene (C19.36)	10.466	1157630	7.682 ug/ml
10) T Anthracene (C19.43)	10.543	1290556	8.545 ug/ml
12) T Fluoranthene (C21.85)	12.281	332719	2.156 ug/ml
13) T Pyrene (C20.8)	12.537	1463790	9.502 ug/ml
14) T Benzo[a]anthracene (C...	14.441	1263941	9.620 ug/ml
15) T Chrysene (C27.41)	14.472	352112	2.178 ug/ml
16) T benzo[b]fluoranthene ...	15.985	270604	1.967 ug/ml
17) T Bnezo[k]fluoranthene ...	15.985	270604	1.713 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.355	596844	4.397 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.699	159355	1.458 ug/ml
20) T Dibenz[a,h]anthracene...	17.749	210284	1.355 ug/ml
21) T Benzo[g,h,i]perylene ...	17.966	113099	0.780 ug/ml

(f)=RT Delta > 1/2 Window

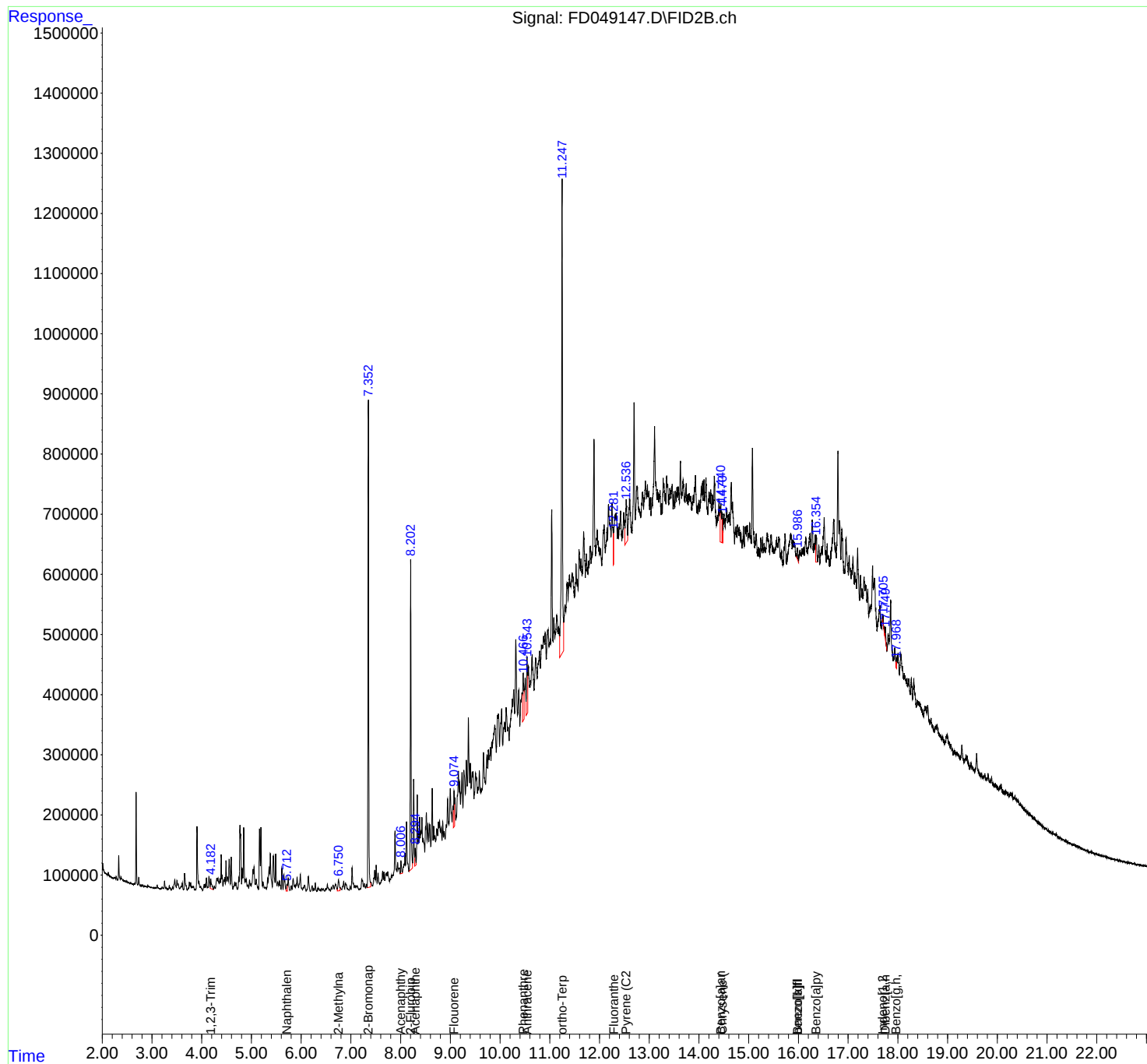
(m)=manual int.

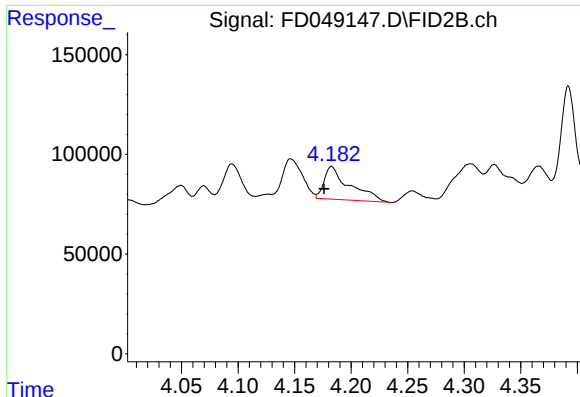
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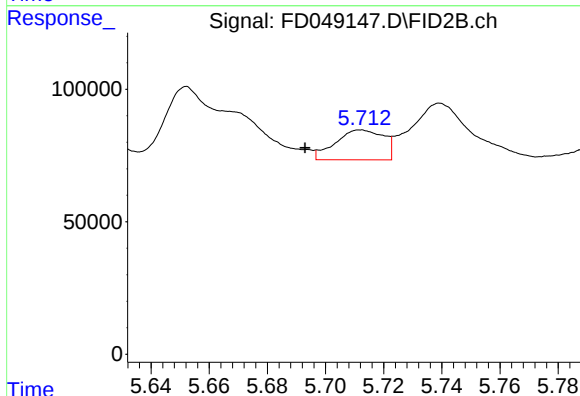




#1 1,2,3-Trimethylbenzene (C10.1)

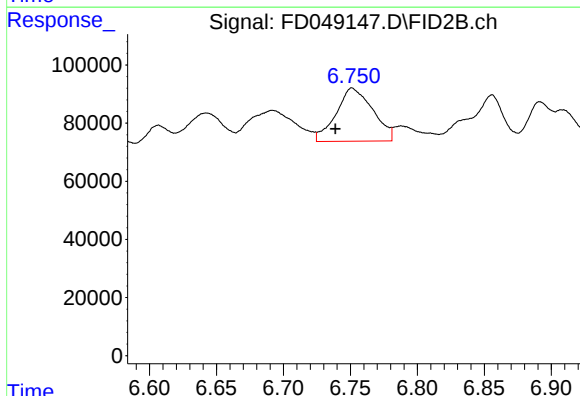
R.T.: 4.183 min
Delta R.T.: 0.007 min
Response: 258307
Conc: 1.62 ug/ml

Instrument :
FID_D
ClientSampleId :



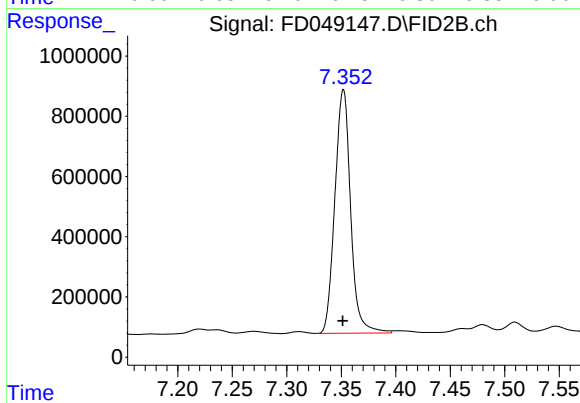
#2 Naphthalene (C11.7)

R.T.: 5.712 min
Delta R.T.: 0.019 min
Response: 129794
Conc: 0.82 ug/ml



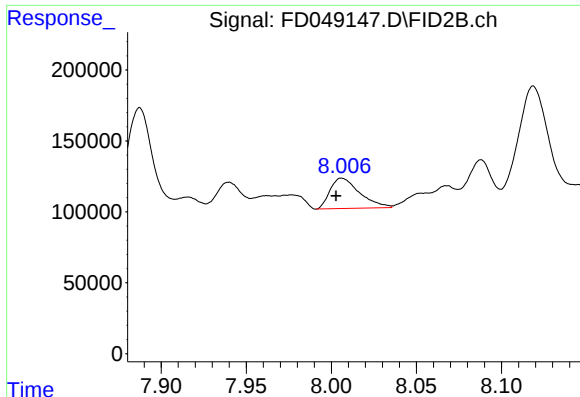
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.751 min
Delta R.T.: 0.012 min
Response: 349421
Conc: 2.24 ug/ml



#4 2-Bromonaphthalene (SURR)

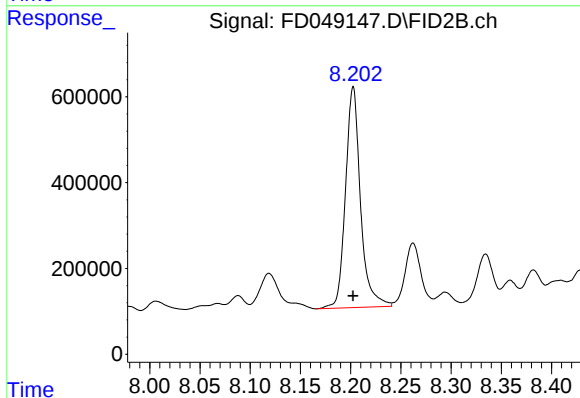
R.T.: 7.352 min
Delta R.T.: 0.000 min
Response: 8151579
Conc: 56.96 ug/ml



#5 Acenaphthylene (C15.06)

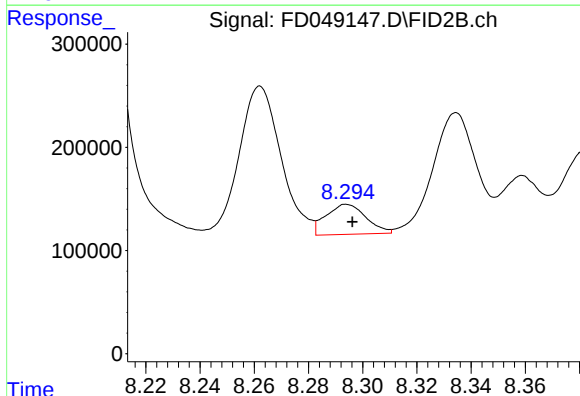
R.T.: 8.006 min
Delta R.T.: 0.003 min
Response: 257922
Conc: 1.59 ug/ml

Instrument :
FID_D
ClientSampleId :



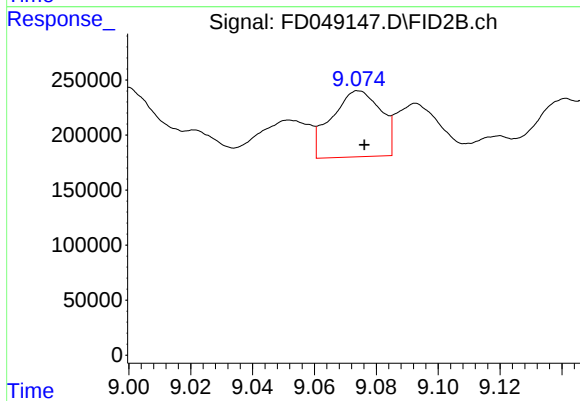
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.203 min
Delta R.T.: 0.000 min
Response: 5354108
Conc: 60.90 ug/ml



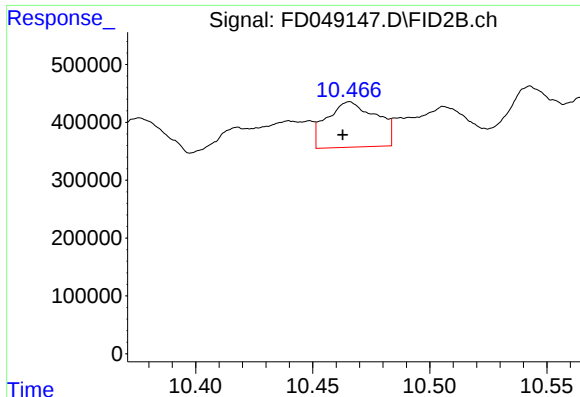
#7 Acenaphthene (C15.5)

R.T.: 8.294 min
Delta R.T.: -0.002 min
Response: 298947
Conc: 1.82 ug/ml



#8 Flouorene (C16.55)

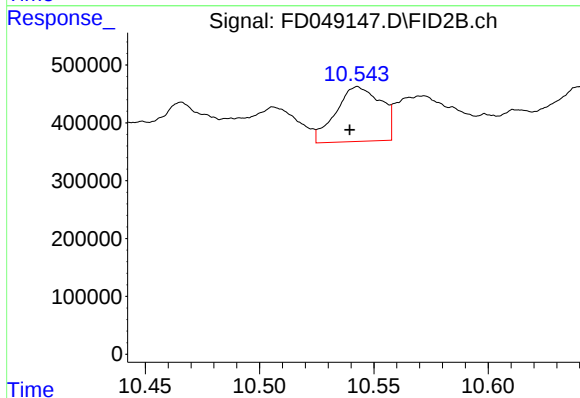
R.T.: 9.074 min
Delta R.T.: -0.002 min
Response: 663088
Conc: 4.21 ug/ml



#9 Phenanthrene (C19.36)

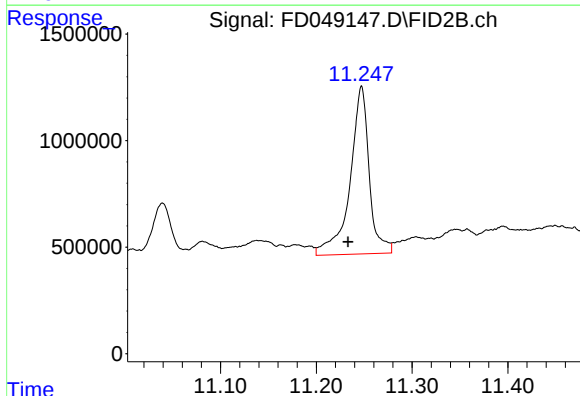
R.T.: 10.466 min
Delta R.T.: 0.003 min
Response: 1157630
Conc: 7.68 ug/ml

Instrument :
FID_D
ClientSampleId :



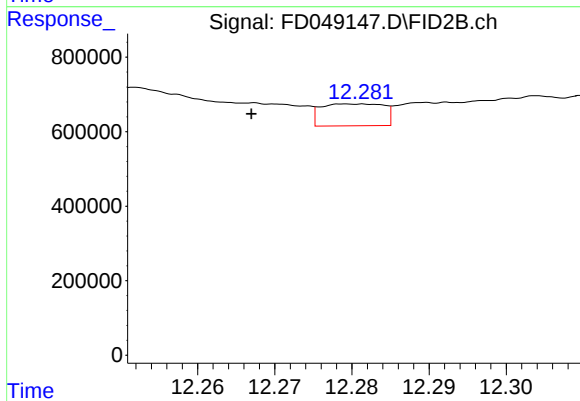
#10 Anthracene (C19.43)

R.T.: 10.543 min
Delta R.T.: 0.003 min
Response: 1290556
Conc: 8.55 ug/ml



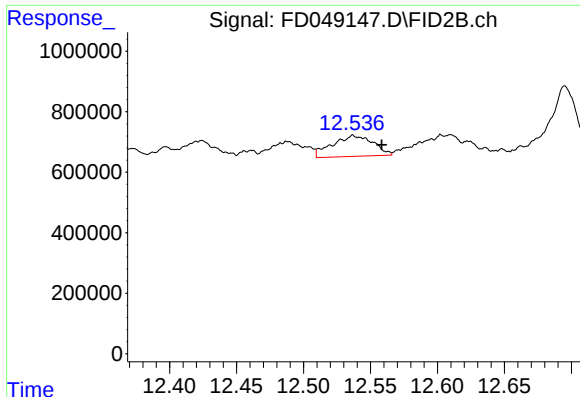
#11 ortho-Terphenyl (SURR)

R.T.: 11.247 min
Delta R.T.: 0.014 min
Response: 10976009
Conc: 67.85 ug/ml



#12 Fluoranthene (C21.85)

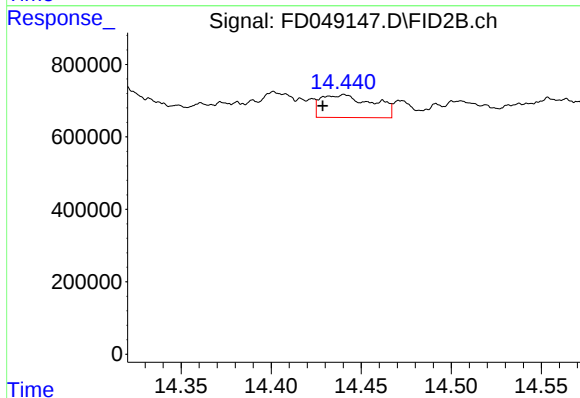
R.T.: 12.281 min
Delta R.T.: 0.014 min
Response: 332719
Conc: 2.16 ug/ml



#13 Pyrene (C20.8)

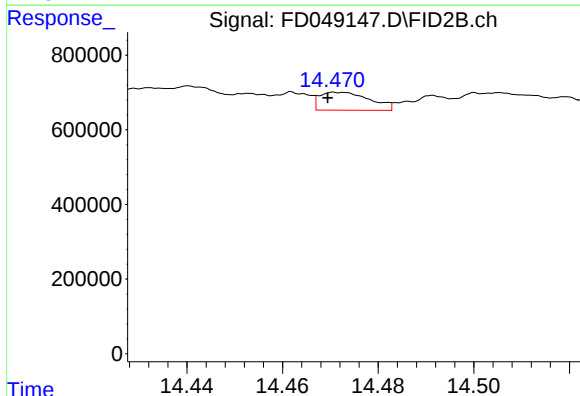
R.T.: 12.537 min
Delta R.T.: -0.022 min
Response: 1463790
Conc: 9.50 ug/ml

Instrument :
FID_D
ClientSampleId :



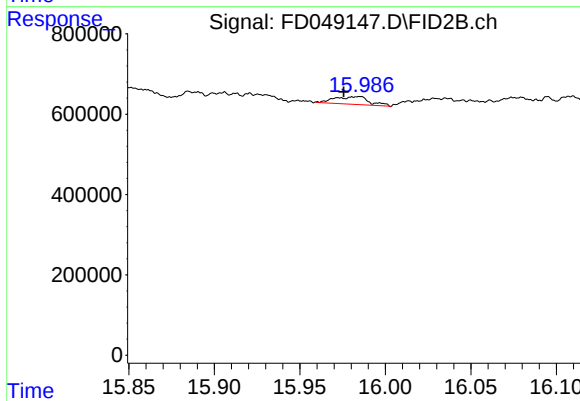
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.441 min
Delta R.T.: 0.012 min
Response: 1263941
Conc: 9.62 ug/ml



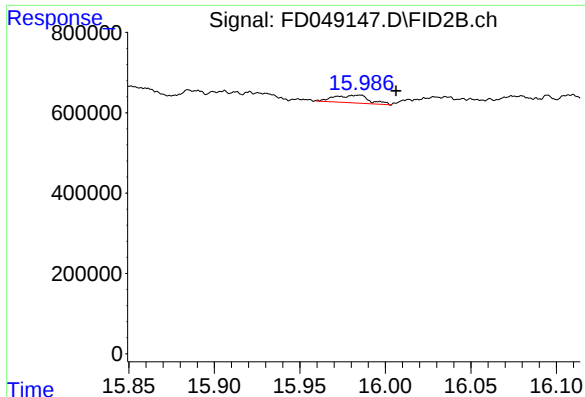
#15 Chrysene (C27.41)

R.T.: 14.472 min
Delta R.T.: 0.003 min
Response: 352112
Conc: 2.18 ug/ml



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

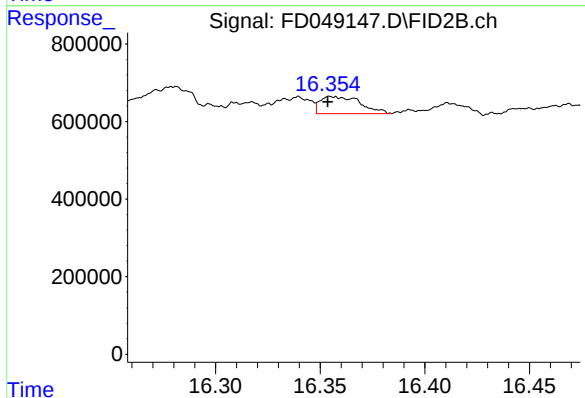
R.T.: 15.985 min
Delta R.T.: 0.009 min
Response: 270604
Conc: 1.97 ug/ml



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

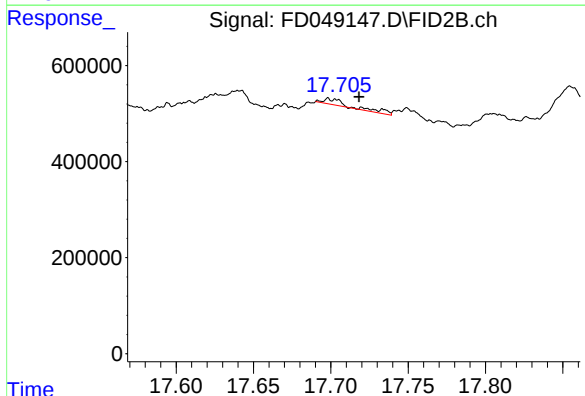
R.T.: 15.985 min
Delta R.T.: -0.021 min
Response: 270604
Conc: 1.71 ug/ml

Instrument :
FID_D
ClientSampleId :



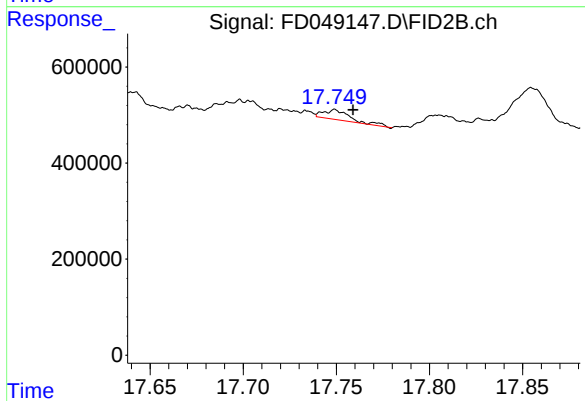
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.355 min
Delta R.T.: 0.002 min
Response: 596844
Conc: 4.40 ug/ml



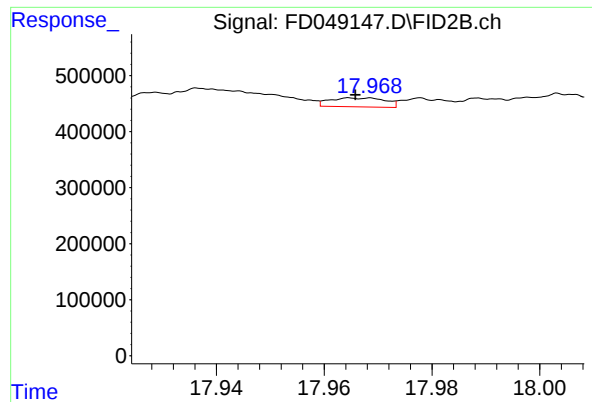
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.699 min
Delta R.T.: -0.020 min
Response: 159355
Conc: 1.46 ug/ml



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

R.T.: 17.749 min
Delta R.T.: -0.010 min
Response: 210284
Conc: 1.36 ug/ml



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

R.T.: 17.966 min
Delta R.T.: 0.000 min
Response: 113099
Conc: 0.78 ug/ml

Instrument :

FID_D

ClientSampleId :