

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080724AR\
 Data File : FD048177.D
 Signal(s) : FID2B.ch
 Acq On : 08 Aug 2024 03:12
 Operator : YP/AJ
 Sample : P3478-10
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 08 06:16:25 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 13:13:15 2024
 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...	7.402	9352922	62.930 ug/ml
Spiked Amount 50.000		Recovery =	125.86%
6) S 2-Fluorobiphenyl (SURR)	8.253	5980277	63.190 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	126.38%
11) S ortho-Terphenyl (SURR)	11.290	7364008	44.012 ug/ml
Spiked Amount 50.000		Recovery =	88.02%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.188	31221	0.186 ug/ml
3) T 2-Methylnaphthalene (...)	6.801	53910	0.311 ug/ml
5) T Acenaphthylene (C15.06)	8.060	87379	0.510 ug/ml
7) T Acenaphthene (C15.5)	8.345	89890	0.518 ug/ml
8) T Flouorene (C16.55)	9.142	58433	0.360 ug/ml
9) T Phenanthrene (C19.36)	10.518	155228	0.977 ug/ml
10) T Anthracene (C19.43)	10.600	36094	0.229 ug/ml
12) T Fluoranthene (C21.85)	12.319	336877	2.128 ug/ml
13) T Pyrene (C20.8)	12.612	244606	1.547 ug/ml
14) T Benzo[a]anthracene (C...	14.483	100469	0.736 ug/ml
15) T Chrysene (C27.41)	14.522	200547	1.244 ug/ml
16) T benzo[b]fluoranthene ...	16.029	243559	1.692 ug/ml
17) T Bnezo[k]fluoranthene ...	16.060	114221	0.765 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.437	8933	0.063 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.809	237224	2.103 ug/ml
20) T Dibenz[a,h]anthracene...	17.841	246864	1.699 ug/ml
21) T Benzo[g,h,i]perylene ...	18.018	111517	0.757 ug/ml

(f)=RT Delta > 1/2 Window

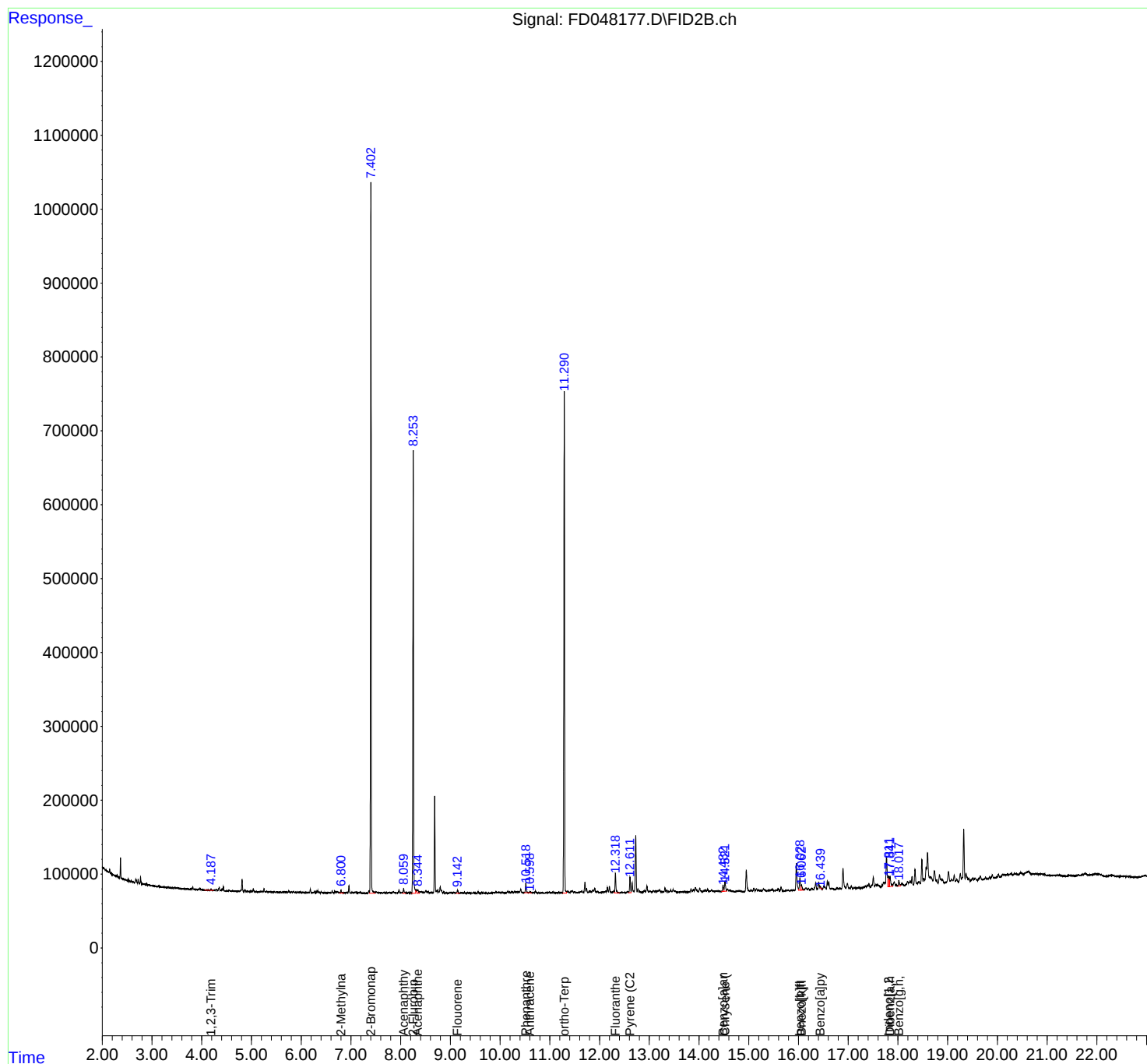
(m)=manual int.

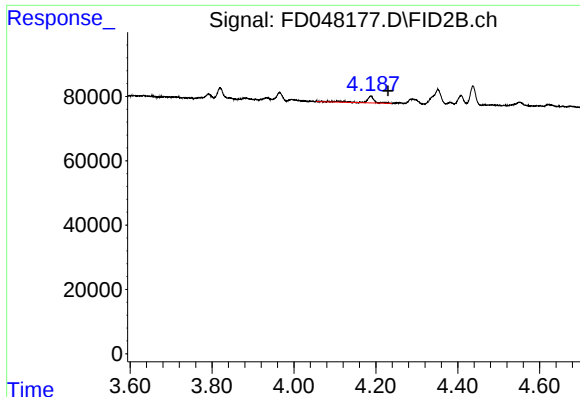
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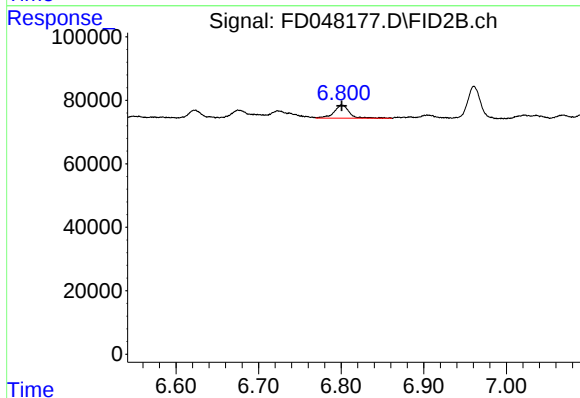




#1 1,2,3-Trimethylbenzene (C10.1)

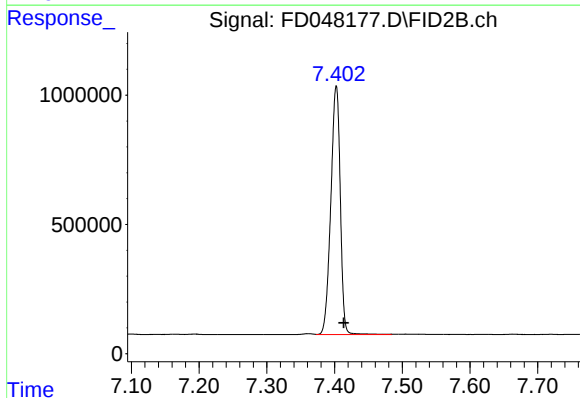
R.T.: 4.188 min
Delta R.T.: -0.042 min
Response: 31221
Conc: 0.19 ug/ml

Instrument :
FID_D
ClientSampleId :



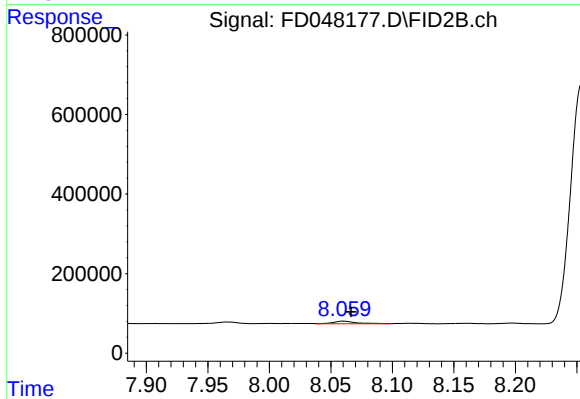
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.801 min
Delta R.T.: 0.000 min
Response: 53910
Conc: 0.31 ug/ml



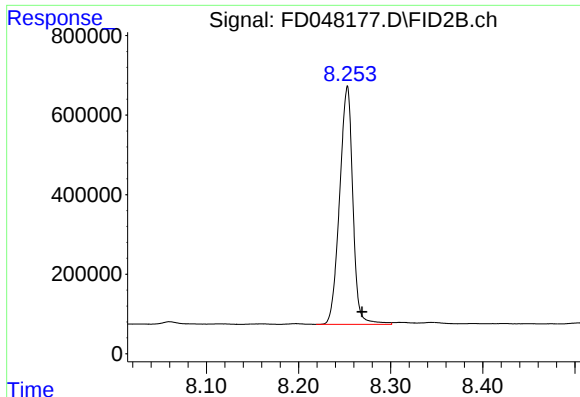
#4 2-Bromonaphthalene (SURR)

R.T.: 7.402 min
Delta R.T.: -0.011 min
Response: 9352922
Conc: 62.93 ug/ml



#5 Acenaphthylene (C15.06)

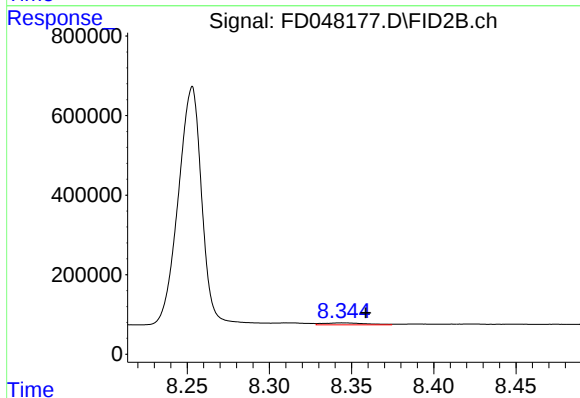
R.T.: 8.060 min
Delta R.T.: -0.006 min
Response: 87379
Conc: 0.51 ug/ml



#6 2-Fluorobiphenyl (SURR)

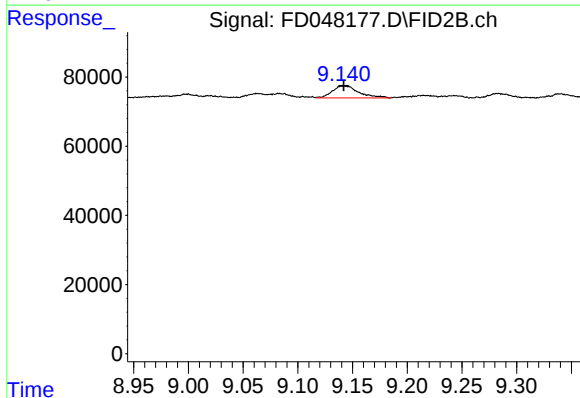
R.T.: 8.253 min
Delta R.T.: -0.016 min
Response: 5980277
Conc: 63.19 ug/ml

Instrument :
FID_D
ClientSampleId :



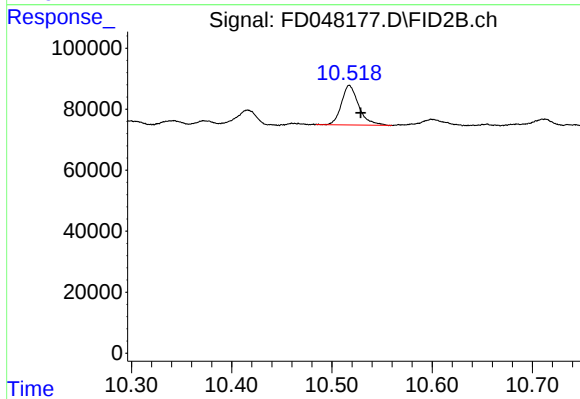
#7 Acenaphthene (C15.5)

R.T.: 8.345 min
Delta R.T.: -0.014 min
Response: 89890
Conc: 0.52 ug/ml



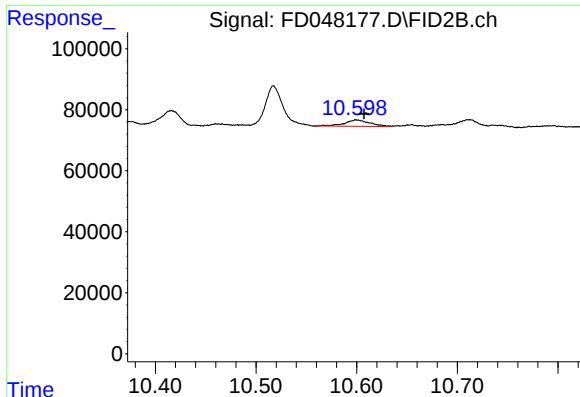
#8 Flouorene (C16.55)

R.T.: 9.142 min
Delta R.T.: 0.000 min
Response: 58433
Conc: 0.36 ug/ml



#9 Phenanthrene (C19.36)

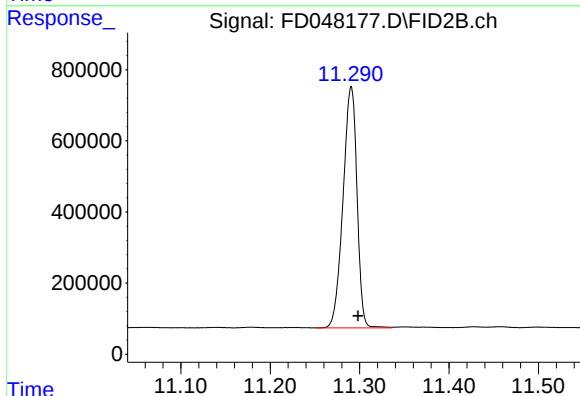
R.T.: 10.518 min
Delta R.T.: -0.011 min
Response: 155228
Conc: 0.98 ug/ml



#10 Anthracene (C19.43)

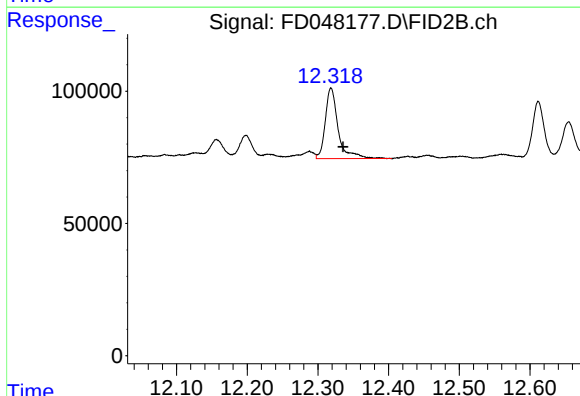
R.T.: 10.600 min
Delta R.T.: -0.007 min
Response: 36094
Conc: 0.23 ug/ml

Instrument :
FID_D
ClientSampleId :



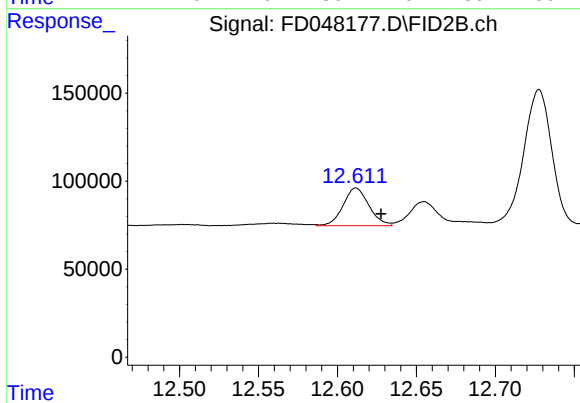
#11 ortho-Terphenyl (SURR)

R.T.: 11.290 min
Delta R.T.: -0.008 min
Response: 7364008
Conc: 44.01 ug/ml



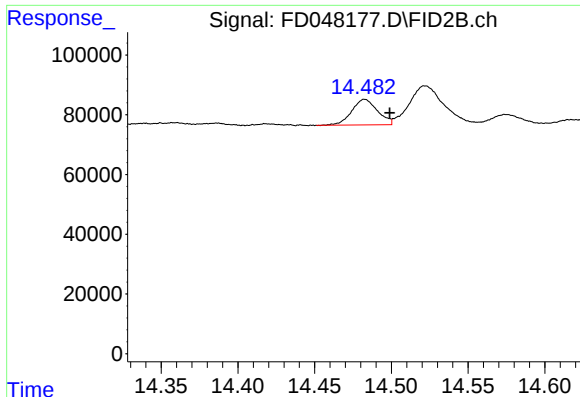
#12 Fluoranthene (C21.85)

R.T.: 12.319 min
Delta R.T.: -0.017 min
Response: 336877
Conc: 2.13 ug/ml



#13 Pyrene (C20.8)

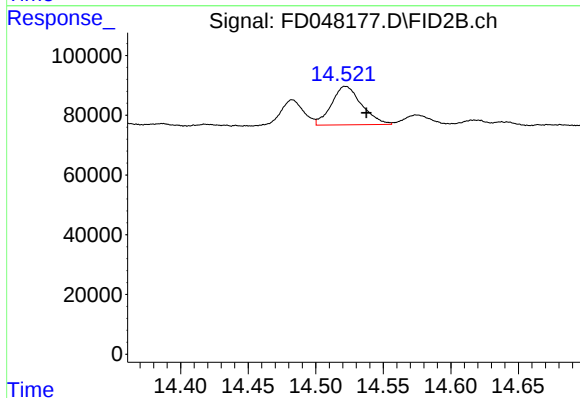
R.T.: 12.612 min
Delta R.T.: -0.016 min
Response: 244606
Conc: 1.55 ug/ml



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

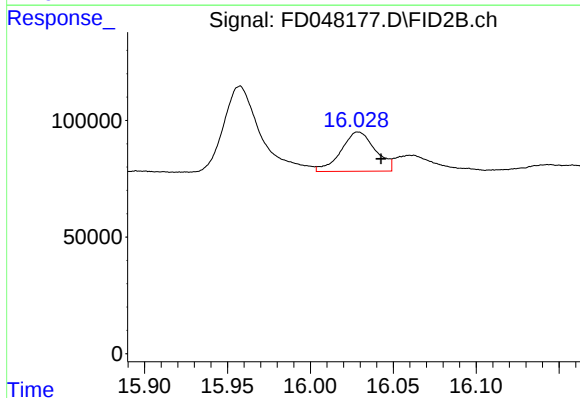
R.T.: 14.483 min
Delta R.T.: -0.016 min
Response: 100469
Conc: 0.74 ug/ml

Instrument :
FID_D
ClientSampleId :



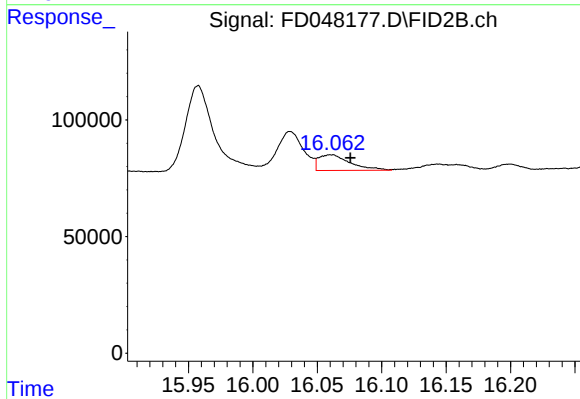
#15 Chrysene (C27.41)

R.T.: 14.522 min
Delta R.T.: -0.015 min
Response: 200547
Conc: 1.24 ug/ml



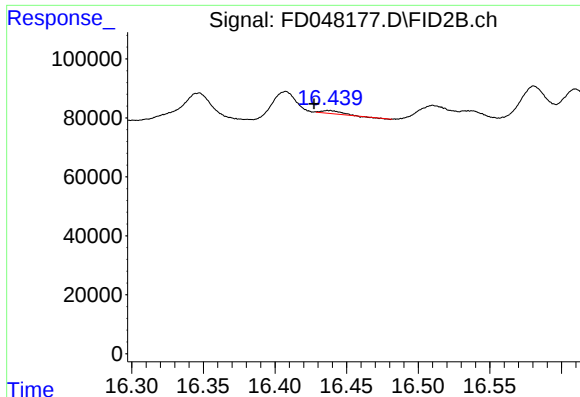
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.029 min
Delta R.T.: -0.014 min
Response: 243559
Conc: 1.69 ug/ml



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

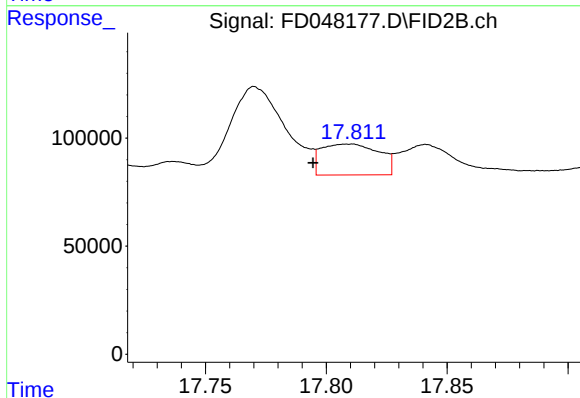
R.T.: 16.060 min
Delta R.T.: -0.016 min
Response: 114221
Conc: 0.76 ug/ml



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

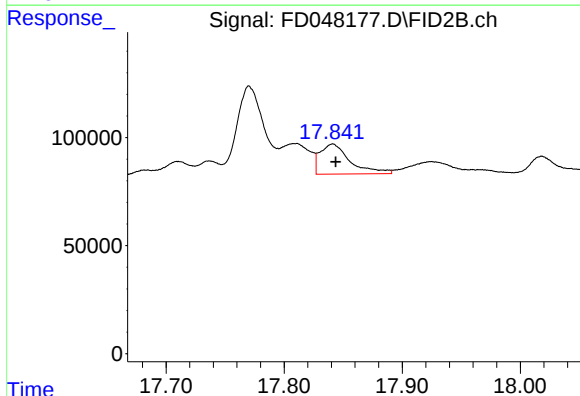
R.T.: 16.437 min
Delta R.T.: 0.010 min
Response: 8933
Conc: 0.06 ug/ml

Instrument :
FID_D
ClientSampleId :



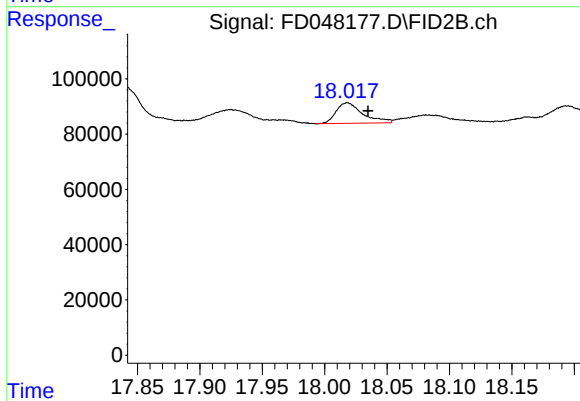
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.809 min
Delta R.T.: 0.014 min
Response: 237224
Conc: 2.10 ug/ml



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

R.T.: 17.841 min
Delta R.T.: -0.003 min
Response: 246864
Conc: 1.70 ug/ml



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

R.T.: 18.018 min
Delta R.T.: -0.017 min
Response: 111517
Conc: 0.76 ug/ml