

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080724AR\
 Data File : FD048169.D
 Signal(s) : FID2B.ch
 Acq On : 07 Aug 2024 21:30
 Operator : YP/AJ
 Sample : P3476-04
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 08 03:21:39 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...	7.401	7683512	51.697 ug/ml
Spiked Amount 50.000		Recovery =	103.39%
6) S 2-Fluorobiphenyl (SURR)	8.251	4631205	48.935 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	97.87%
11) S ortho-Terphenyl (SURR)	11.287	3906118	23.345 ug/ml
Spiked Amount 50.000		Recovery =	46.69%
Target Compounds			
3) T 2-Methylnaphthalene (...)	6.800	45950	0.265 ug/ml
5) T Acenaphthylene (C15.06)	8.061	30810	0.180 ug/ml
7) T Acenaphthene (C15.5)	8.312	143165	0.825 ug/ml
8) T Flouorene (C16.55)	9.143	50358	0.310 ug/ml
9) T Phenanthrene (C19.36)	10.524	96610	0.608 ug/ml
12) T Fluoranthene (C21.85)	12.325	102420	0.647 ug/ml
13) T Pyrene (C20.8)	12.618	37554	0.237 ug/ml
14) T Benzo[a]anthracene (C...	14.534	90385	0.662 ug/ml
15) T Chrysene (C27.41)	14.534	90385	0.561 ug/ml
16) T benzo[b]fluoranthene ...	16.041	85007	0.591 ug/ml
17) T Bnezo[k]fluoranthene ...	16.074	52053	0.349 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.463	59405	0.419 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.809	332222	2.946 ug/ml
20) T Dibenz[a,h]anthracene...	17.842	422472	2.907 ug/ml
21) T Benzo[g,h,i]perylene ...	18.041	63221	0.429 ug/ml

(f)=RT Delta > 1/2 Window

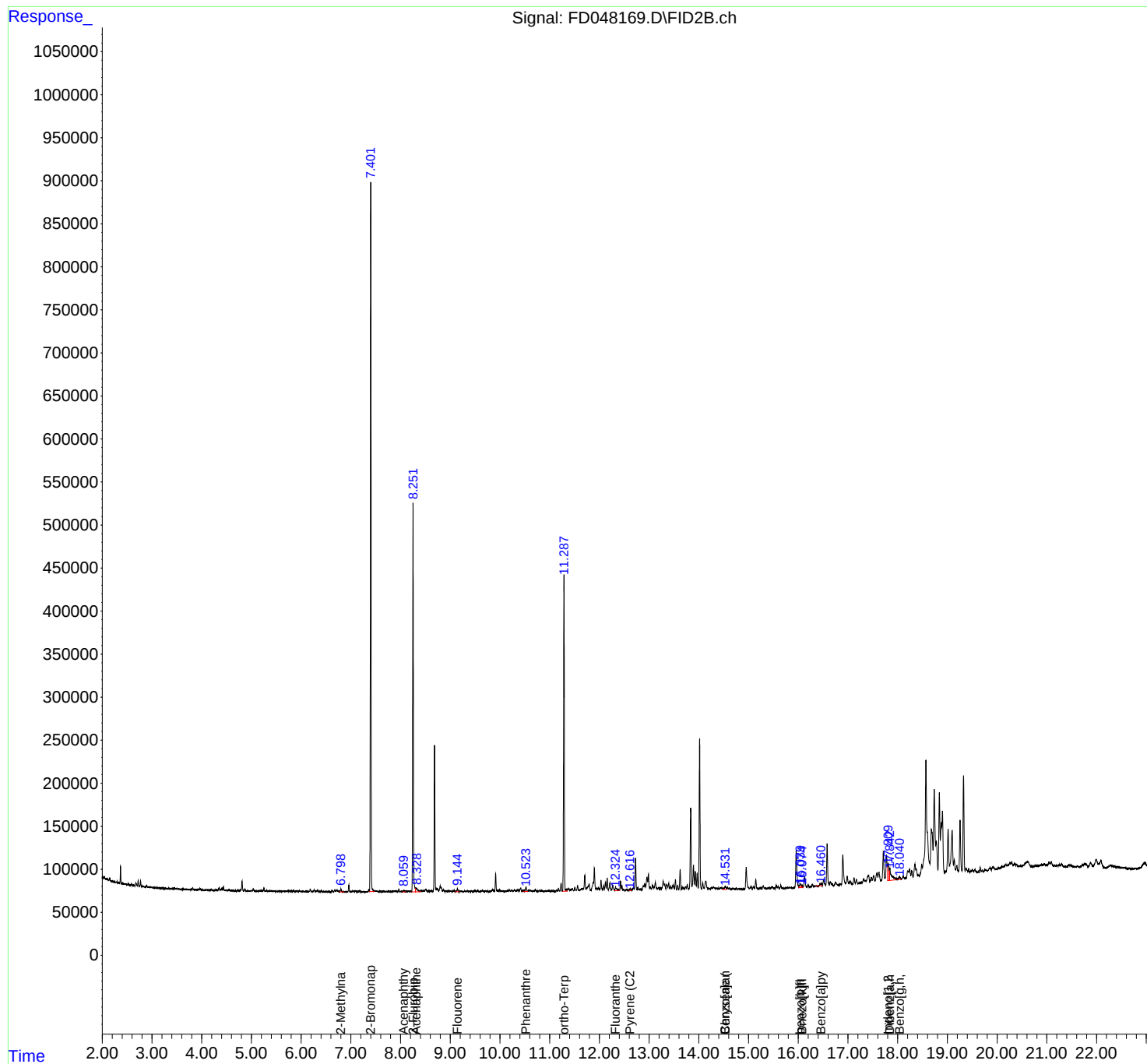
(m)=manual int.

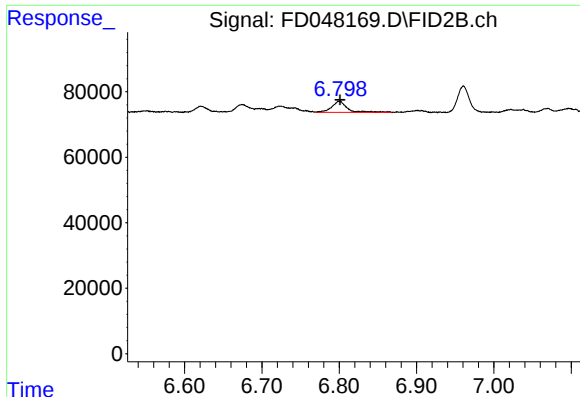
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Signal Info : 20M x 0.18mm x 0.18µm

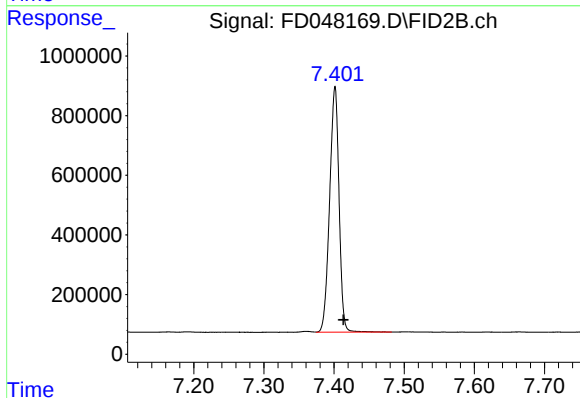




#3 2-Methylnaphthalene (C12.89)

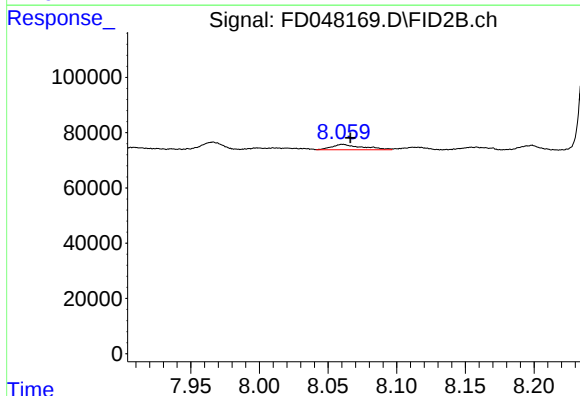
R.T.: 6.800 min
Delta R.T.: 0.000 min
Response: 45950
Conc: 0.26 ug/ml

Instrument :
FID_D
ClientSampleId :



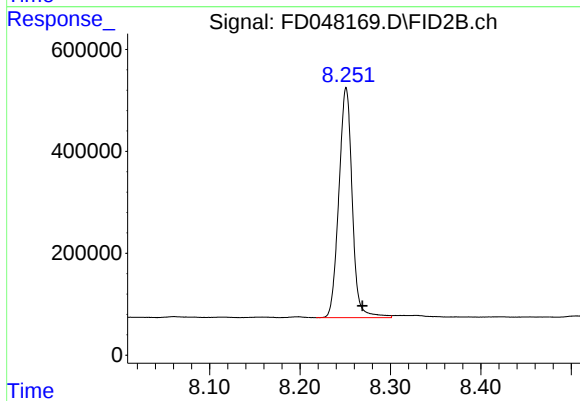
#4 2-Bromonaphthalene (SURR)

R.T.: 7.401 min
Delta R.T.: -0.012 min
Response: 7683512
Conc: 51.70 ug/ml



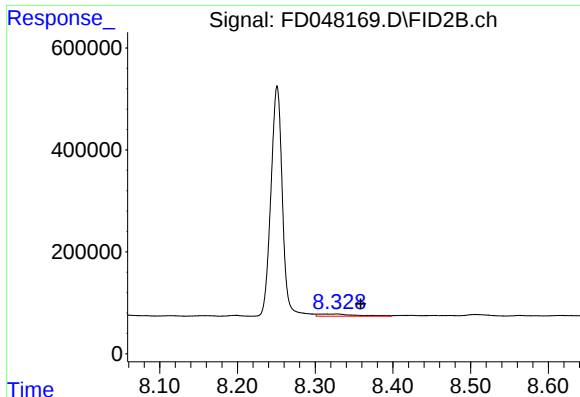
#5 Acenaphthylene (C15.06)

R.T.: 8.061 min
Delta R.T.: -0.005 min
Response: 30810
Conc: 0.18 ug/ml



#6 2-Fluorobiphenyl (SURR)

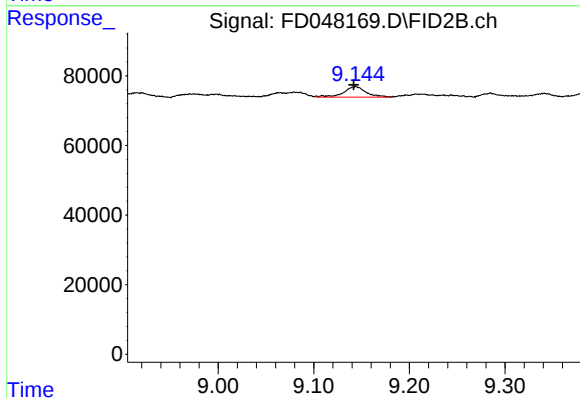
R.T.: 8.251 min
Delta R.T.: -0.018 min
Response: 4631205
Conc: 48.93 ug/ml



#7 Acenaphthene (C15.5)

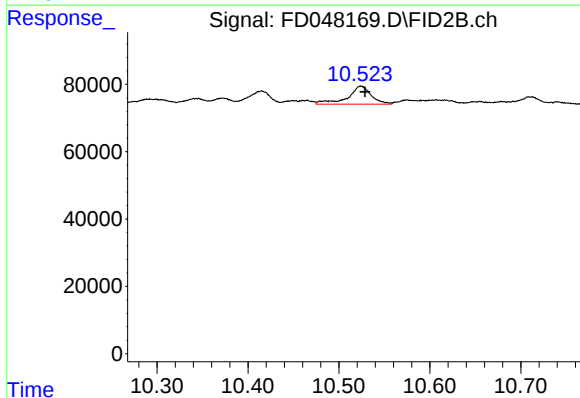
R.T.: 8.312 min
Delta R.T.: -0.047 min
Response: 143165
Conc: 0.83 ug/ml

Instrument :
FID_D
ClientSampleId :



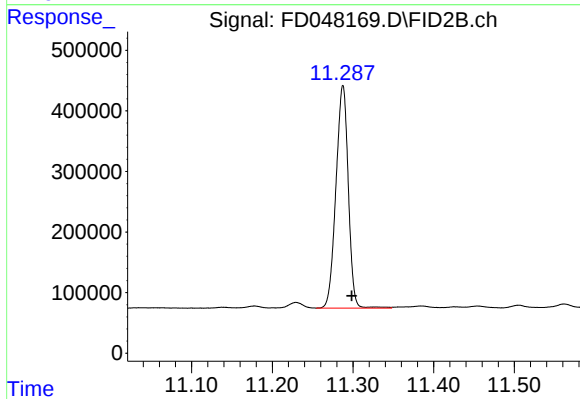
#8 Flouorene (C16.55)

R.T.: 9.143 min
Delta R.T.: 0.002 min
Response: 50358
Conc: 0.31 ug/ml



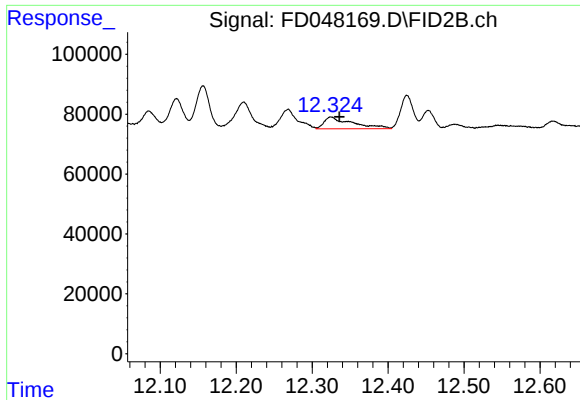
#9 Phenanthrene (C19.36)

R.T.: 10.524 min
Delta R.T.: -0.004 min
Response: 96610
Conc: 0.61 ug/ml



#11 ortho-Terphenyl (SURR)

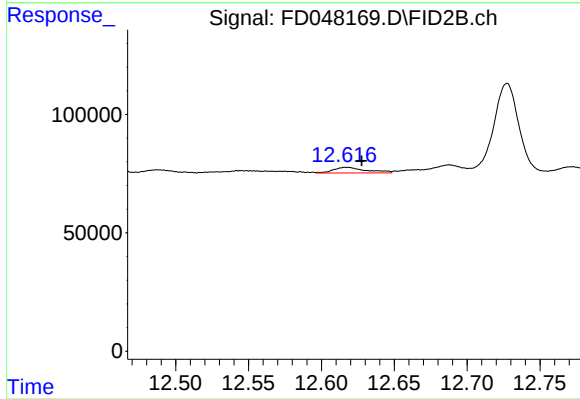
R.T.: 11.287 min
Delta R.T.: -0.011 min
Response: 3906118
Conc: 23.35 ug/ml



#12 Fluoranthene (C21.85)

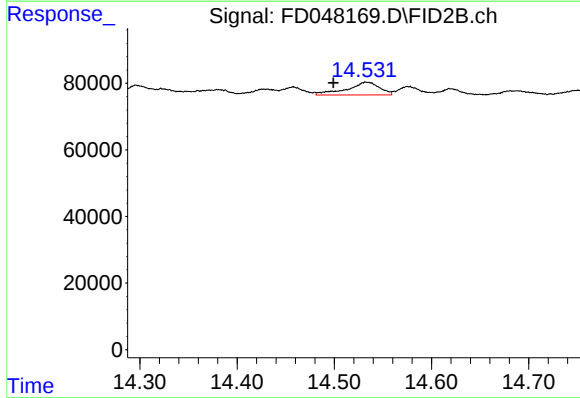
R.T.: 12.325 min
Delta R.T.: -0.011 min
Response: 102420
Conc: 0.65 ug/ml

Instrument :
FID_D
ClientSampleId :



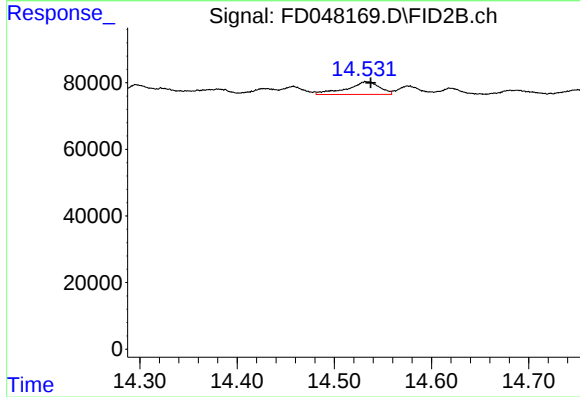
#13 Pyrene (C20.8)

R.T.: 12.618 min
Delta R.T.: -0.010 min
Response: 37554
Conc: 0.24 ug/ml



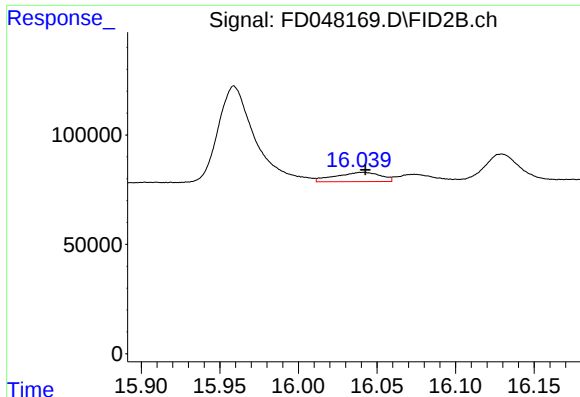
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.534 min
Delta R.T.: 0.035 min
Response: 90385
Conc: 0.66 ug/ml



#15 Chrysene (C27.41)

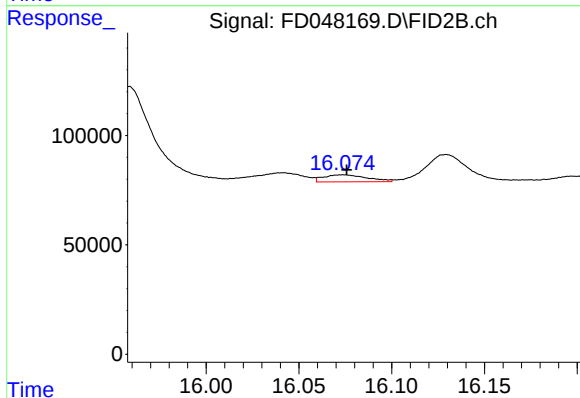
R.T.: 14.534 min
Delta R.T.: -0.004 min
Response: 90385
Conc: 0.56 ug/ml



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

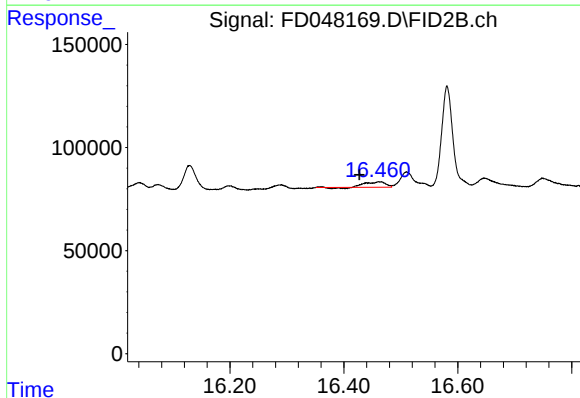
R.T.: 16.041 min
Delta R.T.: -0.002 min
Response: 85007
Conc: 0.59 ug/ml

Instrument :
FID_D
ClientSampleId :



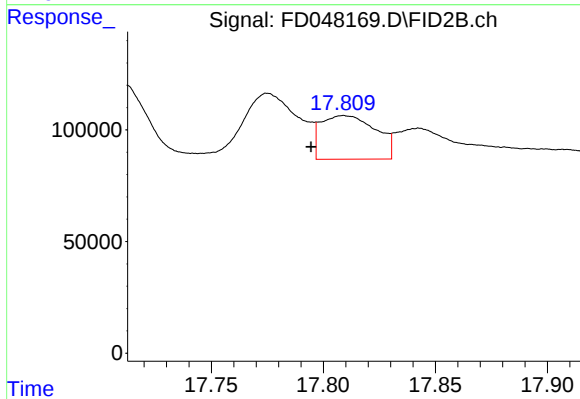
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.074 min
Delta R.T.: -0.002 min
Response: 52053
Conc: 0.35 ug/ml



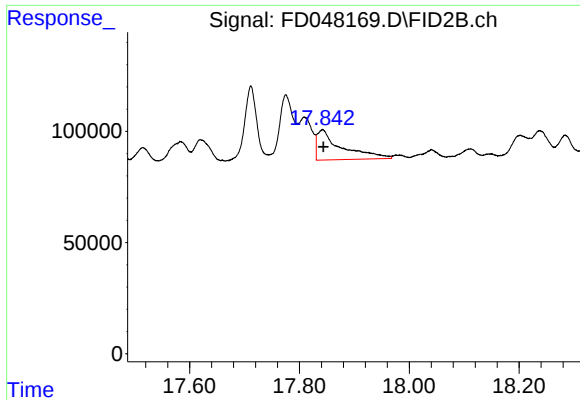
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.463 min
Delta R.T.: 0.036 min
Response: 59405
Conc: 0.42 ug/ml



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

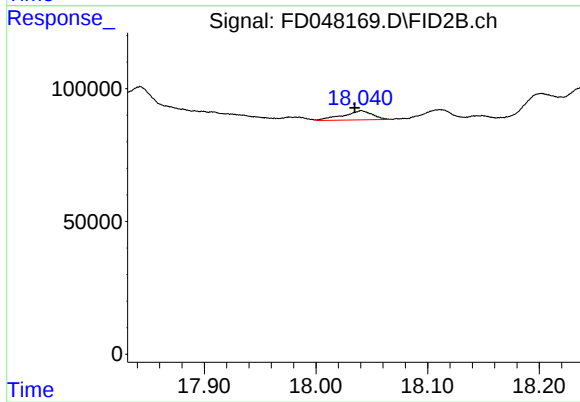
R.T.: 17.809 min
Delta R.T.: 0.015 min
Response: 332222
Conc: 2.95 ug/ml



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

R.T.: 17.842 min
Delta R.T.: -0.002 min
Response: 422472
Conc: 2.91 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.041 min
Delta R.T.: 0.006 min
Response: 63221
Conc: 0.43 ug/ml