

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031522AR\
 Data File : FD041561.D
 Signal(s) : FID2B.CH
 Acq On : 15 Mar 2022 23:10
 Operator : UA/NP
 Sample : N1908-11
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 16 01:35:26 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 022322.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 23 17:10:31 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	7.362	7527384	46.587 ug/ml
Spiked Amount 50.000		Recovery =	93.17%
6) S 2-Fluorobiphenyl (SURR)	8.212	5126698	49.250 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	98.50%
11) S ortho-Terphenyl (SURR)	11.217	573886	3.272 ug/ml
Spiked Amount 50.000		Recovery =	6.54%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.178	1919253	10.951 ug/ml
2) T Naphthalene (C11.7)	5.702	1208979	6.629 ug/ml
3) T 2-Methylnaphthalene (...)	6.750	5313620	29.358 ug/ml
5) T Acenaphthylene (C15.06)	7.996	5821840	32.566 ug/ml
7) T Acenaphthene (C15.5)	8.308	1510349	7.901 ug/ml
8) T Flouorene (C16.55)	9.085	3645805	21.291 ug/ml
9) T Phenanthrene (C19.36)	10.487	18251469	111.093 ug/ml
10) T Anthracene (C19.43)	10.555	6197902	38.756 ug/ml
12) T Fluoranthene (C21.85)	12.299	11115037	66.155 ug/ml
13) T Pyrene (C20.8)	12.597	14549405	86.782 ug/ml
14) T Benzo[a]anthracene (C...	14.394	2756821	18.997 ug/ml
16) T benzo[b]fluoranthene ...	15.931	77830076	570.259 ug/ml
17) T Bnezo[k]fluoranthene ...	16.045	49446665	335.075 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.345	6655622	50.617 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.717	284025151	2265.724 ug/ml
20) T Dibenz[a,h]anthracene...	17.717	284025151	2009.318 ug/ml
21) T Benzo[g,h,i]perylene ...	17.931	55103791	425.595 ug/ml

(f)=RT Delta > 1/2 Window

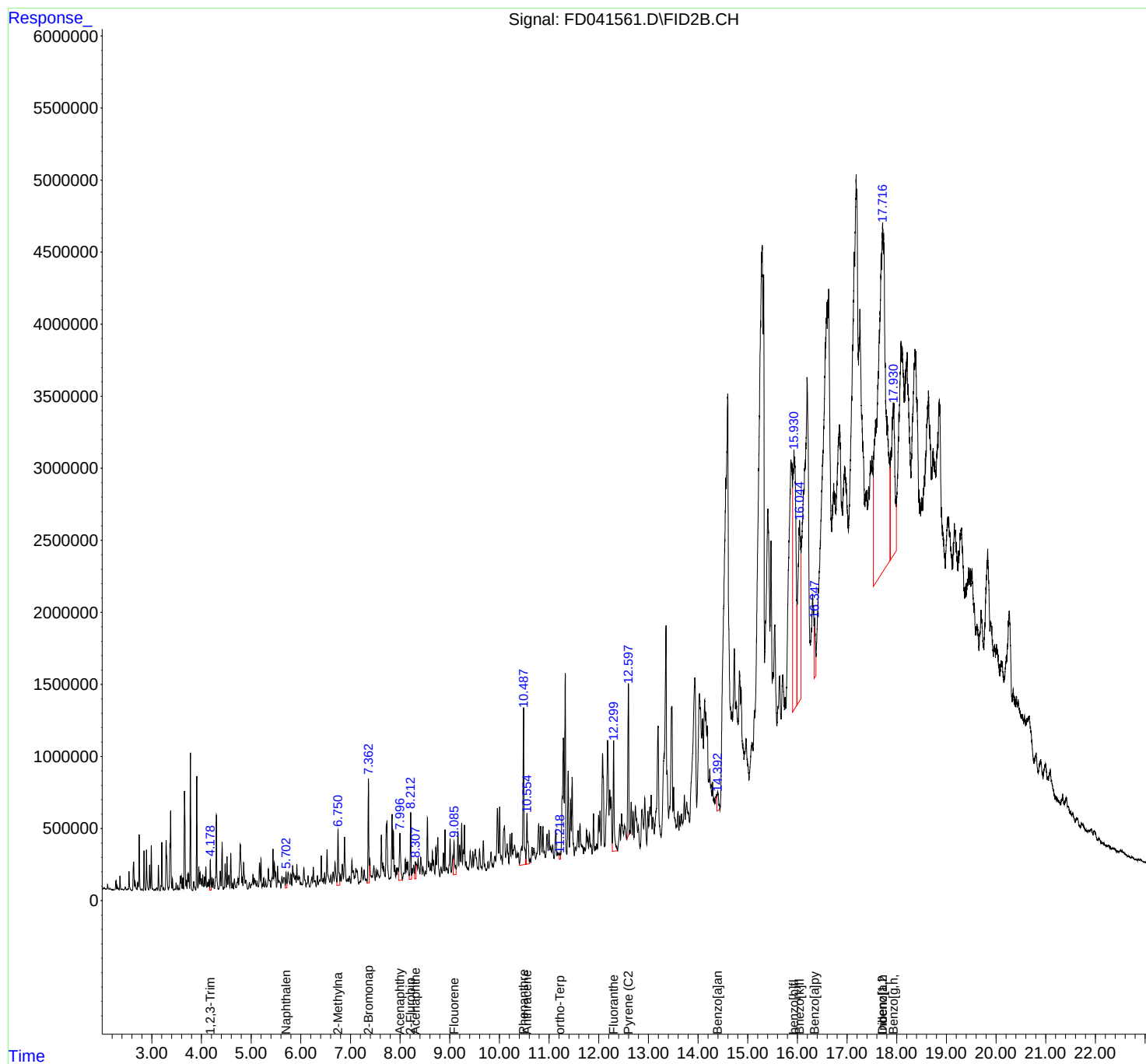
(m)=manual int.

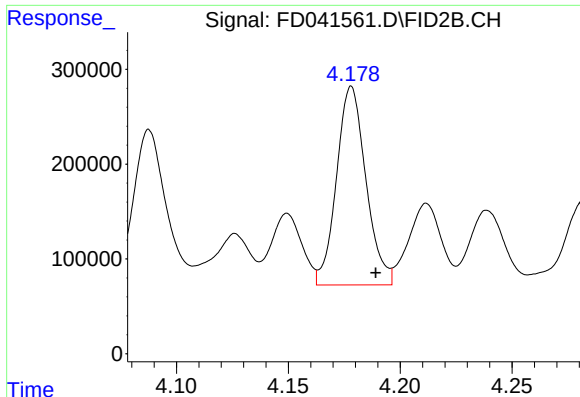
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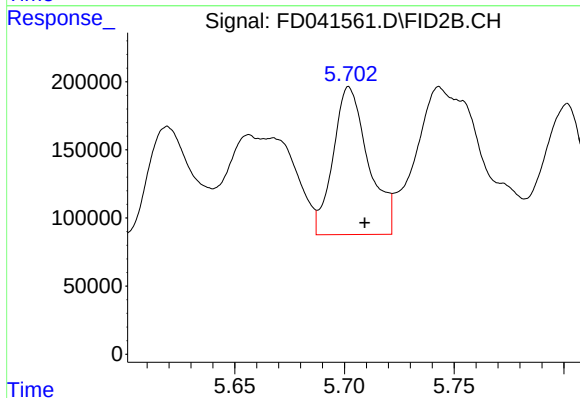




#1 1,2,3-Trimethylbenzene (C10.1)

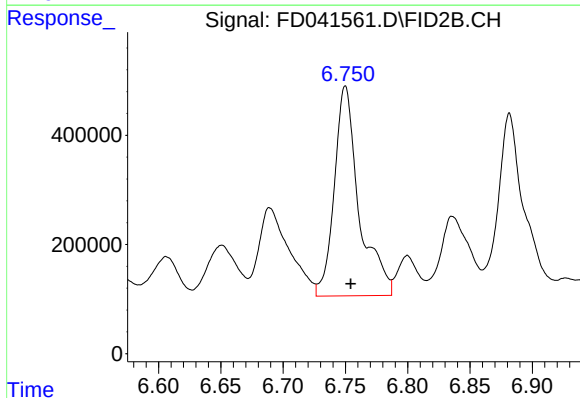
R.T.: 4.178 min
Delta R.T.: -0.011 min
Response: 1919253
Conc: 10.95 ug/ml

Instrument :
FID_D
ClientSampleId :



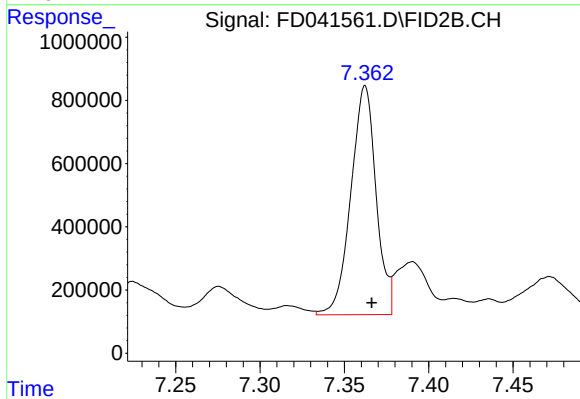
#2 Naphthalene (C11.7)

R.T.: 5.702 min
Delta R.T.: -0.007 min
Response: 1208979
Conc: 6.63 ug/ml



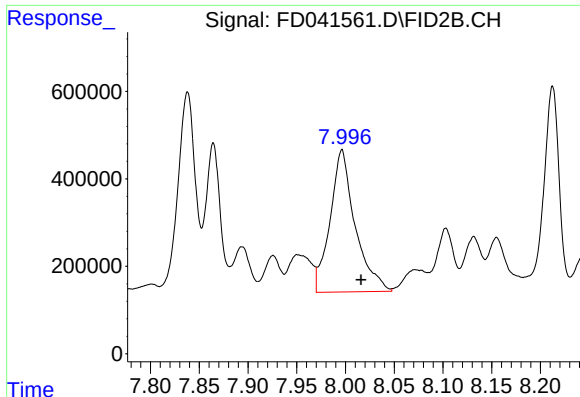
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.750 min
Delta R.T.: -0.004 min
Response: 5313620
Conc: 29.36 ug/ml



#4 2-Bromonaphthalene (SURR)

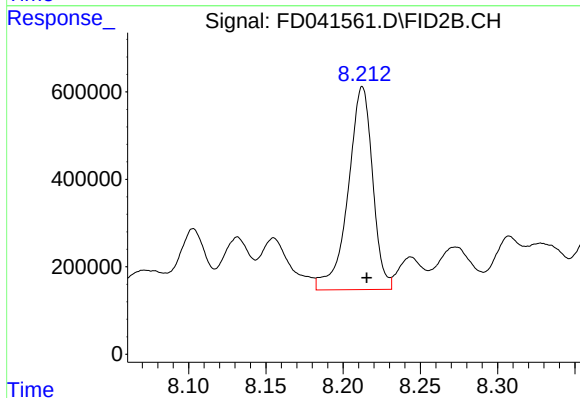
R.T.: 7.362 min
Delta R.T.: -0.004 min
Response: 7527384
Conc: 46.59 ug/ml



#5 Acenaphthylene (C15.06)

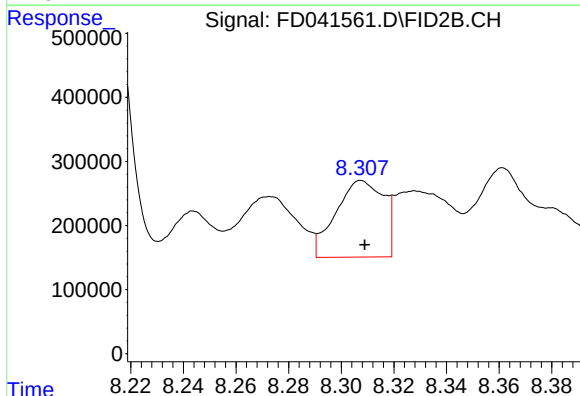
R.T.: 7.996 min
Delta R.T.: -0.020 min
Response: 5821840
Conc: 32.57 ug/ml

Instrument :
FID_D
ClientSampleId :



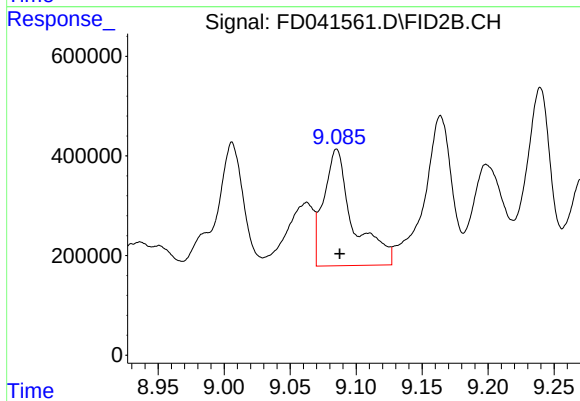
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.212 min
Delta R.T.: -0.003 min
Response: 5126698
Conc: 49.25 ug/ml



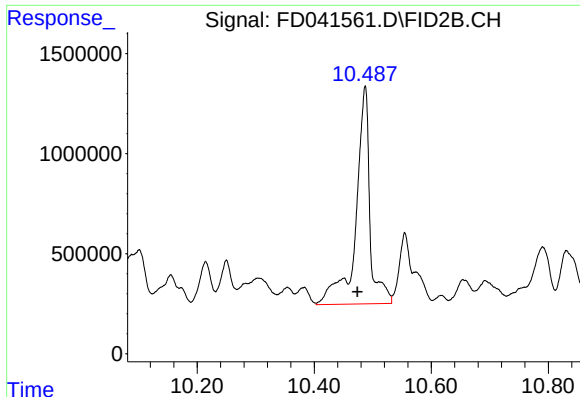
#7 Acenaphthene (C15.5)

R.T.: 8.308 min
Delta R.T.: 0.000 min
Response: 1510349
Conc: 7.90 ug/ml



#8 Flouorene (C16.55)

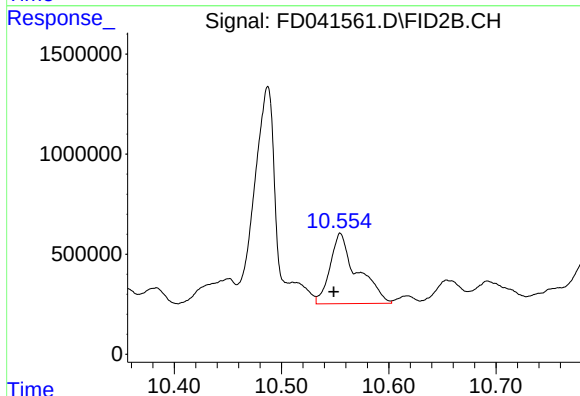
R.T.: 9.085 min
Delta R.T.: -0.002 min
Response: 3645805
Conc: 21.29 ug/ml



#9 Phenanthrene (C19.36)

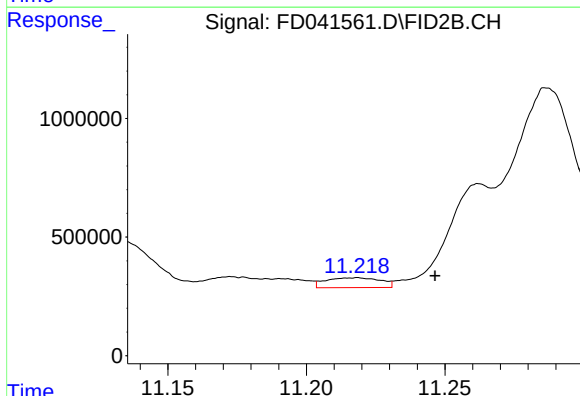
R.T.: 10.487 min
Delta R.T.: 0.013 min
Response: 18251469
Conc: 111.09 ug/ml

Instrument :
FID_D
ClientSampleId :



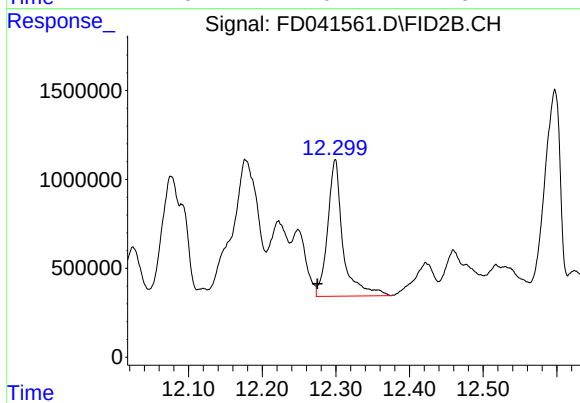
#10 Anthracene (C19.43)

R.T.: 10.555 min
Delta R.T.: 0.006 min
Response: 6197902
Conc: 38.76 ug/ml



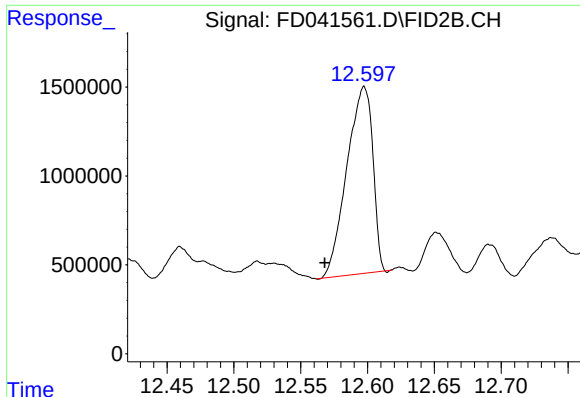
#11 ortho-Terphenyl (SURR)

R.T.: 11.217 min
Delta R.T.: -0.029 min
Response: 573886
Conc: 3.27 ug/ml



#12 Fluoranthene (C21.85)

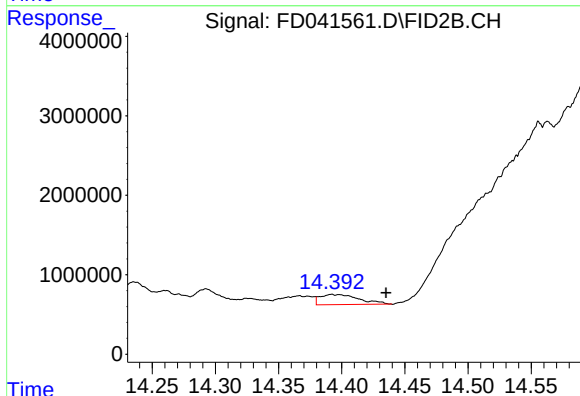
R.T.: 12.299 min
Delta R.T.: 0.024 min
Response: 11115037
Conc: 66.15 ug/ml



#13 Pyrene (C20.8)

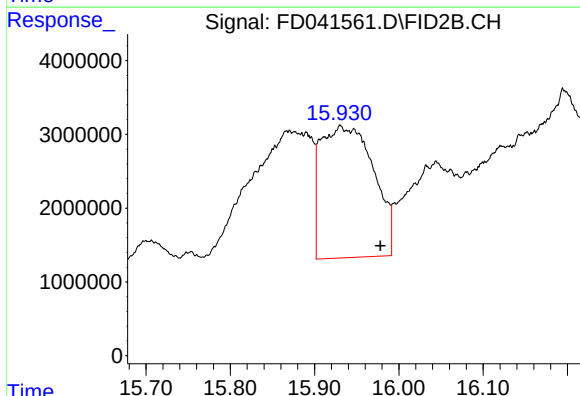
R.T.: 12.597 min
Delta R.T.: 0.029 min
Response: 14549405
Conc: 86.78 ug/ml

Instrument :
FID_D
ClientSampleId :



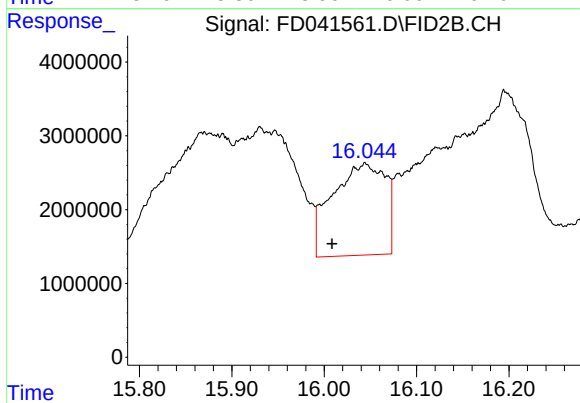
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.394 min
Delta R.T.: -0.041 min
Response: 2756821
Conc: 19.00 ug/ml



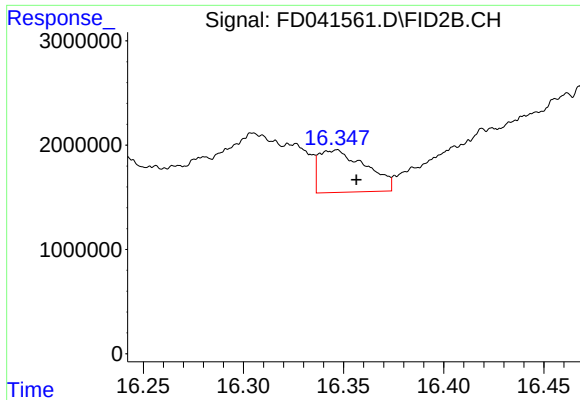
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.931 min
Delta R.T.: -0.047 min
Response: 77830076
Conc: 570.26 ug/ml



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

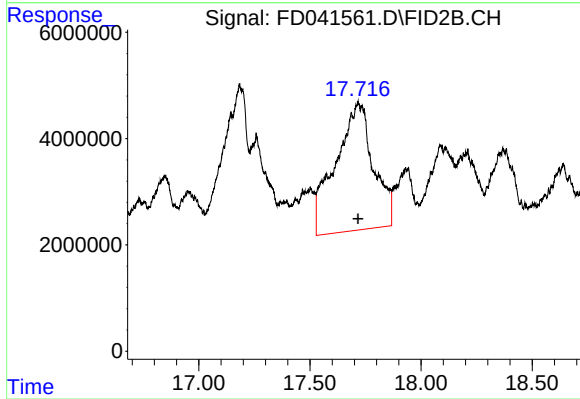
R.T.: 16.045 min
Delta R.T.: 0.036 min
Response: 49446665
Conc: 335.08 ug/ml



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

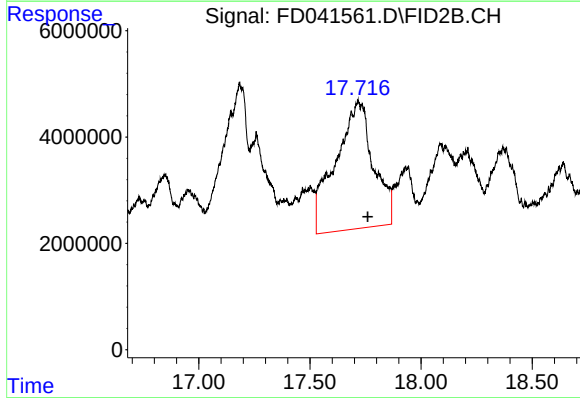
R.T.: 16.345 min
Delta R.T.: -0.012 min
Response: 6655622
Conc: 50.62 ug/ml

Instrument :
FID_D
ClientSampleId :



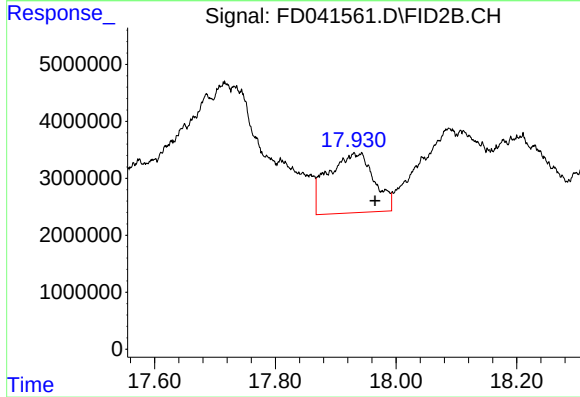
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.717 min
Delta R.T.: 0.000 min
Response: 284025151
Conc: 2265.72 ug/ml



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

R.T.: 17.717 min
Delta R.T.: -0.044 min
Response: 284025151
Conc: 2009.32 ug/ml



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

R.T.: 17.931 min
Delta R.T.: -0.034 min
Response: 55103791
Conc: 425.60 ug/ml