

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062323AR\
 Data File : FD045922.D
 Signal(s) : FID2B.ch
 Acq On : 23 Jun 2023 11:49
 Operator : YP/AJ
 Sample : 03327-09
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 23 13:19:12 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Sat May 27 06:44:25 2023
 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...	7.521	8163558	45.281 ug/ml
Spiked Amount 50.000		Recovery =	90.56%
6) S 2-Fluorobiphenyl (SURR)	8.375	4983601	41.451 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	82.90%
11) S ortho-Terphenyl (SURR)	11.415	8711970	39.003 ug/ml
Spiked Amount 50.000		Recovery =	78.01%
Target Compounds			
2) T Naphthalene (C11.7)	5.858	41704	0.197 ug/ml
3) T 2-Methylnaphthalene (...)	6.909	29510	0.140 ug/ml
5) T Acenaphthylene (C15.06)	8.136f	25016	0.132 ug/ml
7) T Acenaphthene (C15.5)	8.470	45694	0.226 ug/ml
8) T Flouorene (C16.55)	9.249	56453	0.285 ug/ml
9) T Phenanthrene (C19.36)	10.636	409092	2.138 ug/ml
10) T Anthracene (C19.43)	10.710	84847	0.498 ug/ml
12) T Fluoranthene (C21.85)	12.440	673469	3.645 ug/ml
13) T Pyrene (C20.8)	12.734	536777	3.006 ug/ml
14) T Benzo[a]anthracene (C...	14.636	340101	2.172 ug/ml
15) T Chrysene (C27.41)	14.636	340101	2.061 ug/ml
16) T benzo[b]fluoranthene ...	16.138	552966	3.654 ug/ml
17) T Bnezo[k]fluoranthene ...	16.138f	552966	3.572 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.511	302835	2.071 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.911	69222	0.473 ug/ml
20) T Dibenz[a,h]anthracene...	17.948	85034	0.567 ug/ml
21) T Benzo[g,h,i]perylene ...	18.115	181761	1.232 ug/ml

(f)=RT Delta > 1/2 Window

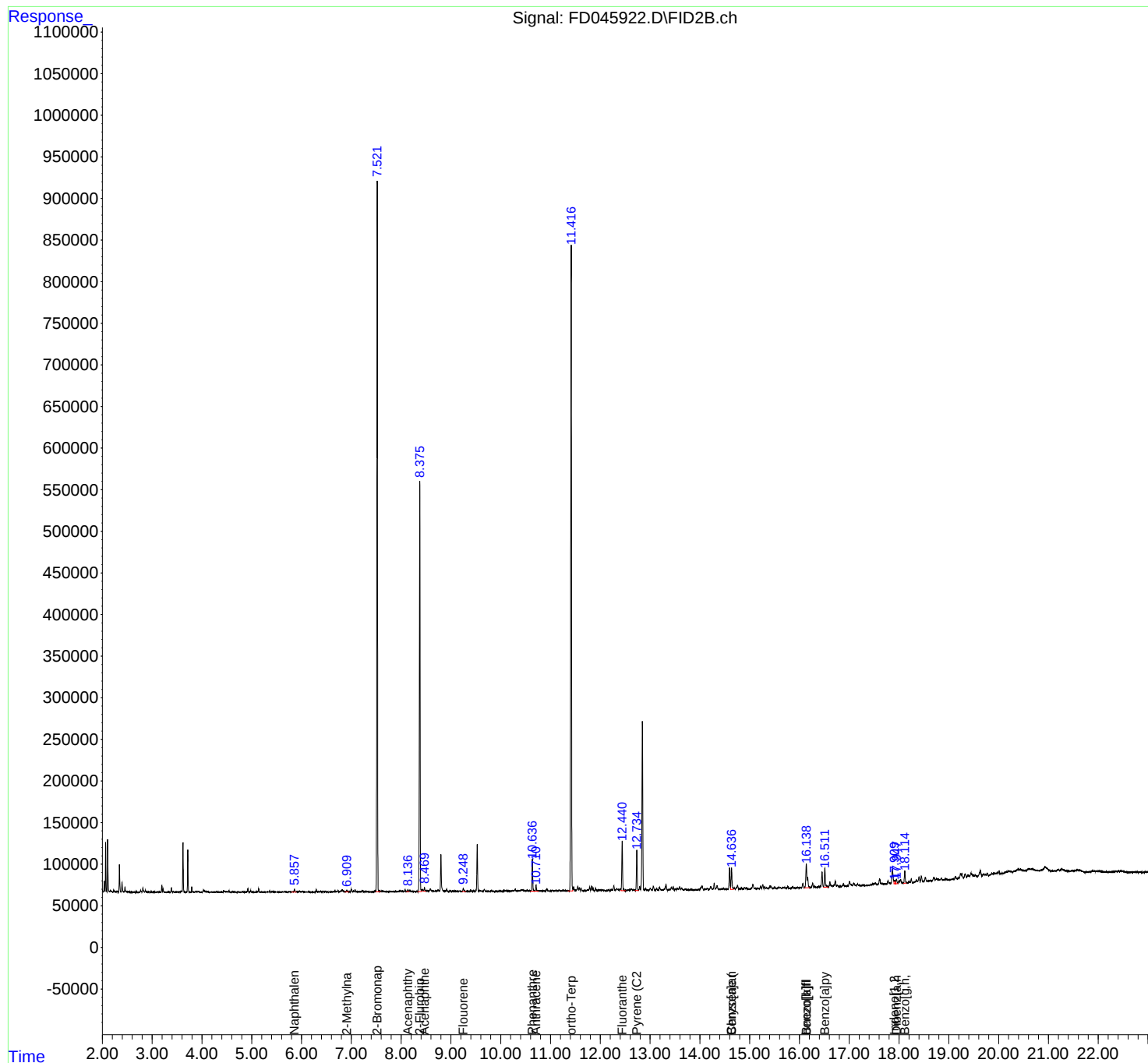
(m)=manual int.

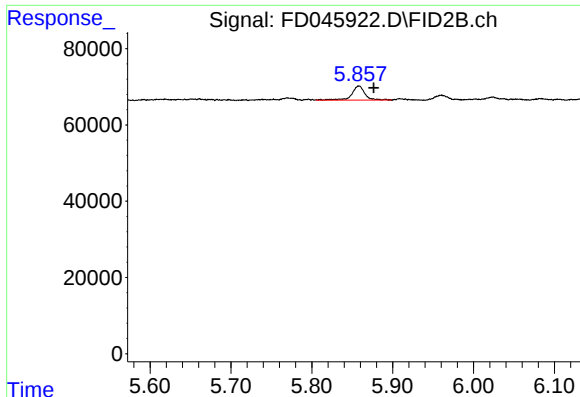
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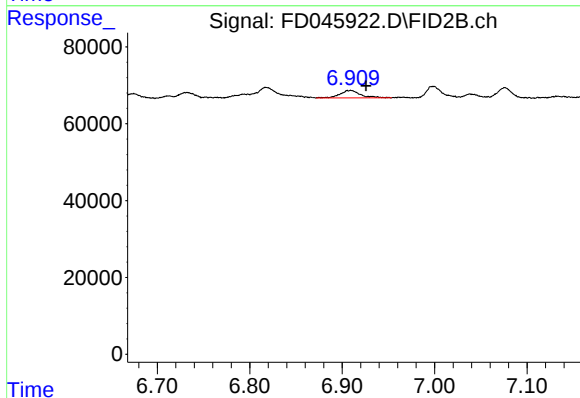




#2 Naphthalene (C11.7)

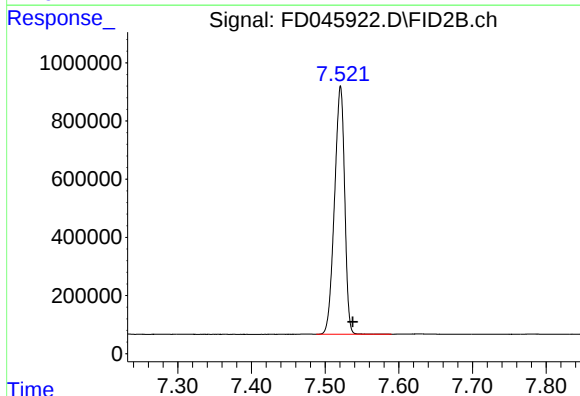
R.T.: 5.858 min
Delta R.T.: -0.018 min
Response: 41704
Conc: 0.20 ug/ml

Instrument :
FID_D
ClientSampleId :



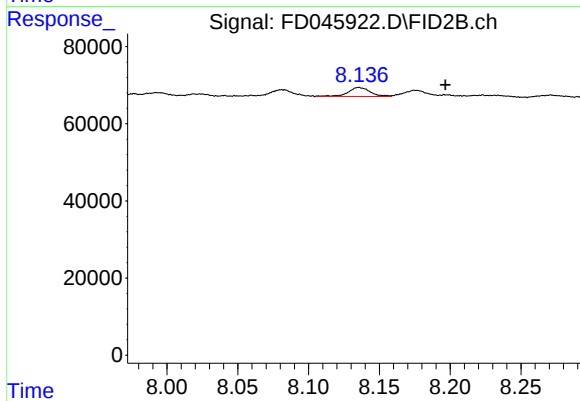
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.909 min
Delta R.T.: -0.017 min
Response: 29510
Conc: 0.14 ug/ml



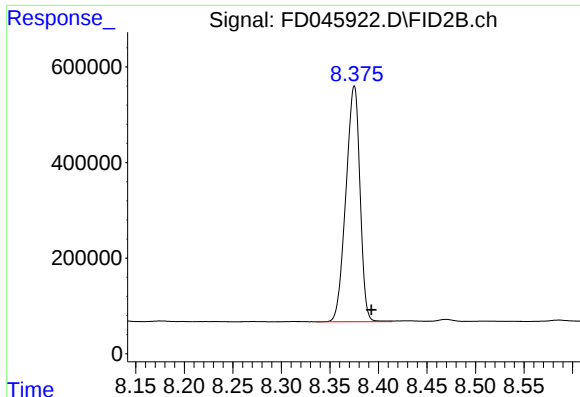
#4 2-Bromonaphthalene (SURR)

R.T.: 7.521 min
Delta R.T.: -0.017 min
Response: 8163558
Conc: 45.28 ug/ml



#5 Acenaphthylene (C15.06)

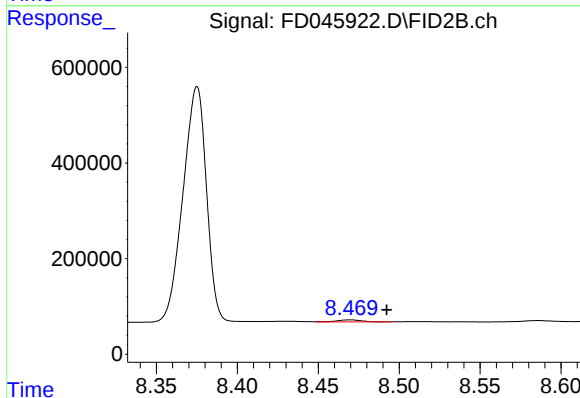
R.T.: 8.136 min
Delta R.T.: -0.061 min
Response: 25016
Conc: 0.13 ug/ml



#6 2-Fluorobiphenyl (SURR)

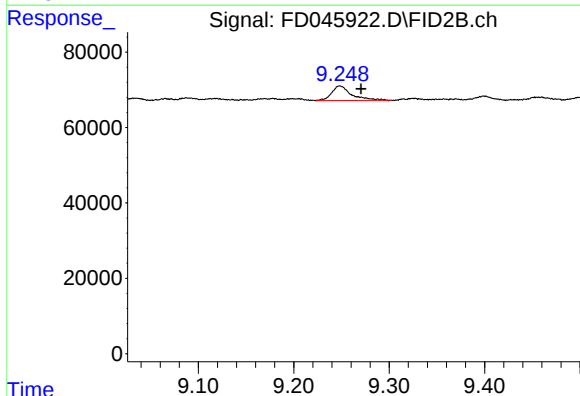
R.T.: 8.375 min
Delta R.T.: -0.018 min
Response: 4983601
Conc: 41.45 ug/ml

Instrument :
FID_D
ClientSampleId :



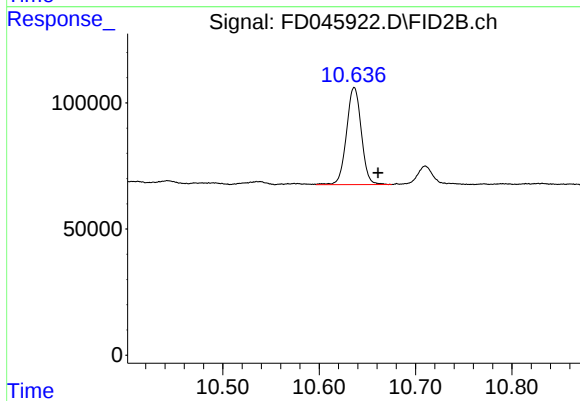
#7 Acenaphthene (C15.5)

R.T.: 8.470 min
Delta R.T.: -0.023 min
Response: 45694
Conc: 0.23 ug/ml



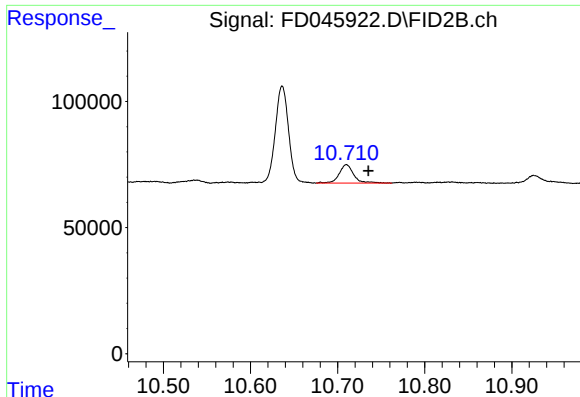
#8 Flouorene (C16.55)

R.T.: 9.249 min
Delta R.T.: -0.022 min
Response: 56453
Conc: 0.28 ug/ml



#9 Phenanthrene (C19.36)

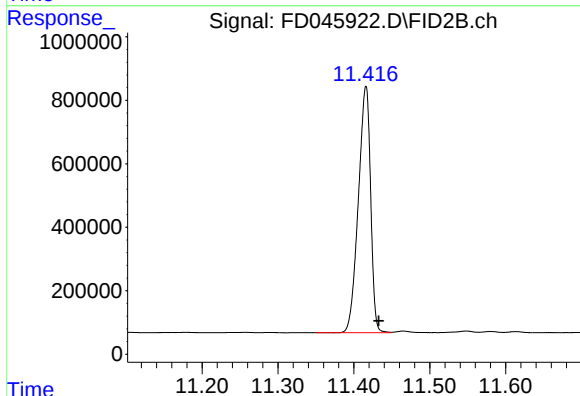
R.T.: 10.636 min
Delta R.T.: -0.025 min
Response: 409092
Conc: 2.14 ug/ml



#10 Anthracene (C19.43)

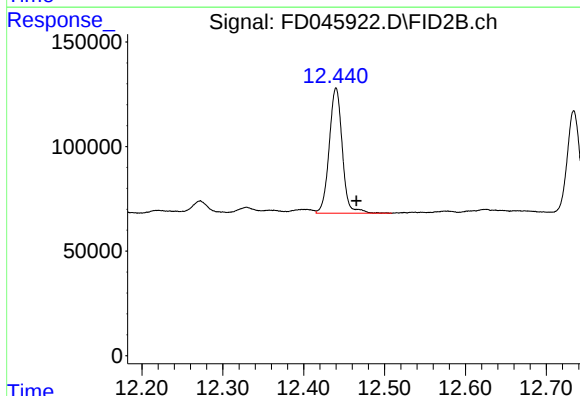
R.T.: 10.710 min
Delta R.T.: -0.025 min
Response: 84847
Conc: 0.50 ug/ml

Instrument :
FID_D
ClientSampleId :



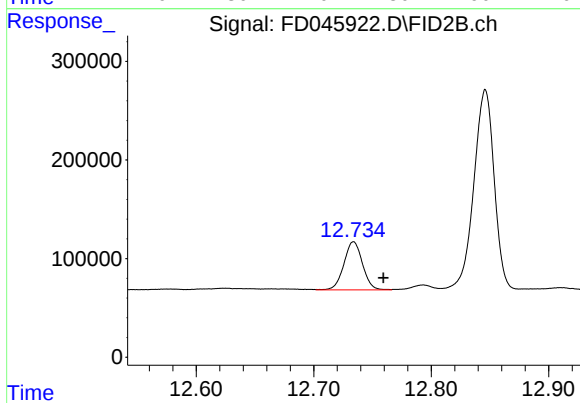
#11 ortho-Terphenyl (SURR)

R.T.: 11.415 min
Delta R.T.: -0.017 min
Response: 8711970
Conc: 39.00 ug/ml



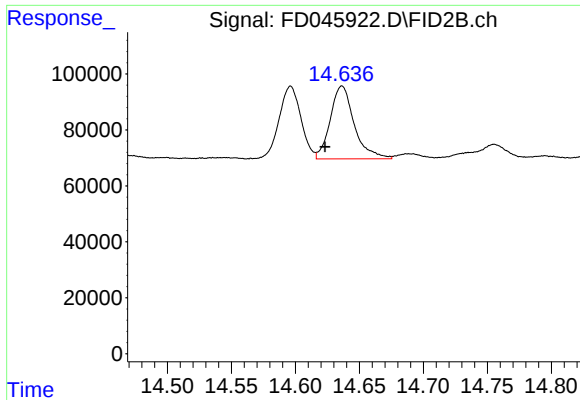
#12 Fluoranthene (C21.85)

R.T.: 12.440 min
Delta R.T.: -0.025 min
Response: 673469
Conc: 3.65 ug/ml



#13 Pyrene (C20.8)

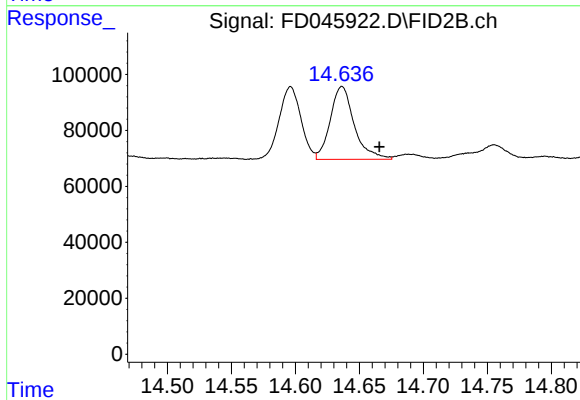
R.T.: 12.734 min
Delta R.T.: -0.025 min
Response: 536777
Conc: 3.01 ug/ml



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

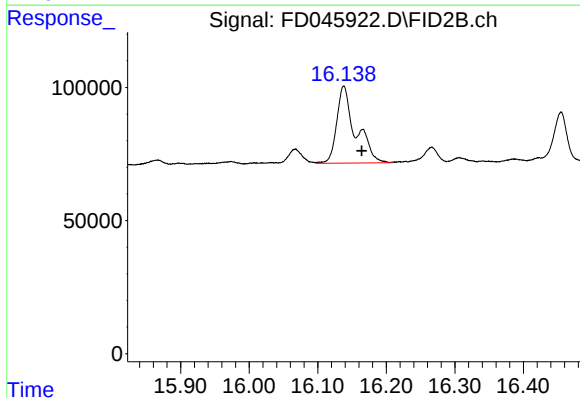
R.T.: 14.636 min
Delta R.T.: 0.013 min
Response: 340101
Conc: 2.17 ug/ml

Instrument :
FID_D
ClientSampleId :



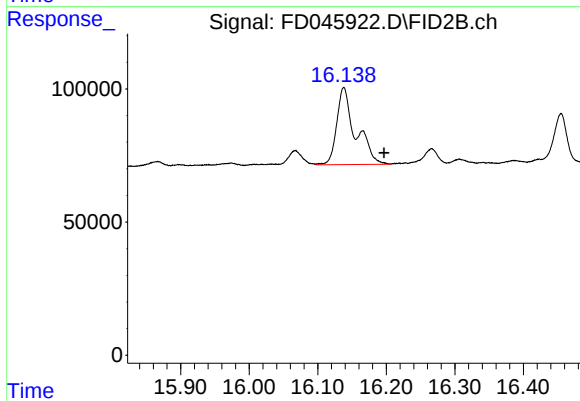
#15 Chrysene (C27.41)

R.T.: 14.636 min
Delta R.T.: -0.029 min
Response: 340101
Conc: 2.06 ug/ml



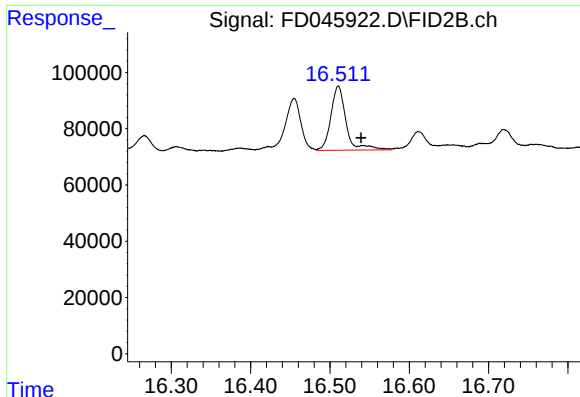
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.138 min
Delta R.T.: -0.026 min
Response: 552966
Conc: 3.65 ug/ml



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

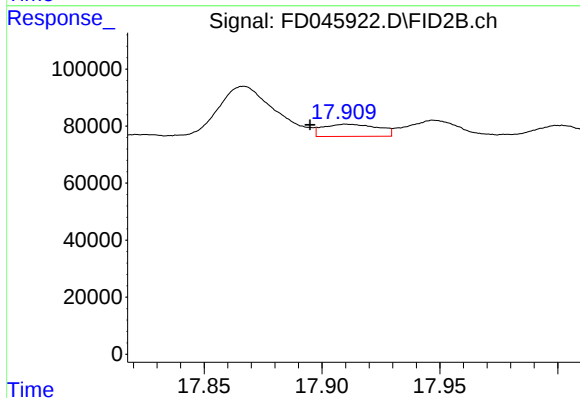
R.T.: 16.138 min
Delta R.T.: -0.059 min
Response: 552966
Conc: 3.57 ug/ml



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

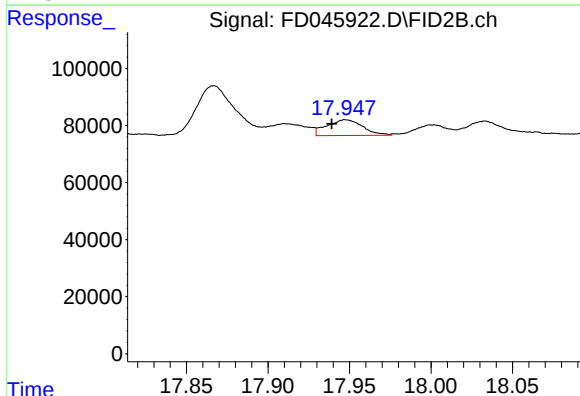
R.T.: 16.511 min
Delta R.T.: -0.029 min
Response: 302835
Conc: 2.07 ug/ml

Instrument :
FID_D
ClientSampleId :



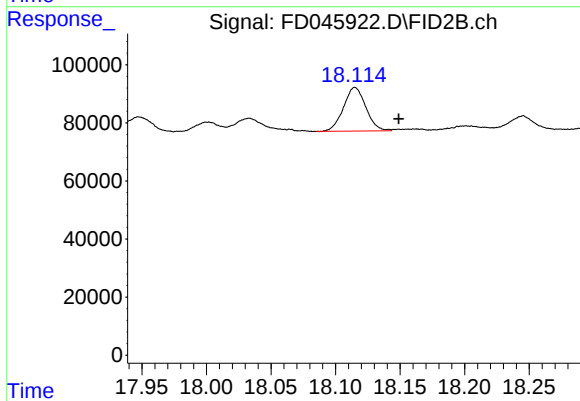
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.911 min
Delta R.T.: 0.016 min
Response: 69222
Conc: 0.47 ug/ml



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

R.T.: 17.948 min
Delta R.T.: 0.009 min
Response: 85034
Conc: 0.57 ug/ml



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

R.T.: 18.115 min
Delta R.T.: -0.034 min
Response: 181761
Conc: 1.23 ug/ml