

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062323AR\
 Data File : FD045932.D
 Signal(s) : FID2B.ch
 Acq On : 23 Jun 2023 18:36
 Operator : YP/AJ
 Sample : 03329-09
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 24 00:30:54 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...	7.522	8307055	46.077 ug/ml
Spiked Amount 50.000		Recovery =	92.15%
6) S 2-Fluorobiphenyl (SURR)	8.376	4943371	41.117 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	82.23%
11) S ortho-Terphenyl (SURR)	11.416	7349179	32.902 ug/ml
Spiked Amount 50.000		Recovery =	65.80%
Target Compounds			
2) T Naphthalene (C11.7)	5.859	92135	0.435 ug/ml
3) T 2-Methylnaphthalene (...)	6.907	86551	0.410 ug/ml
5) T Acenaphthylene (C15.06)	8.177	84014	0.443 ug/ml
7) T Acenaphthene (C15.5)	8.471	143726	0.711 ug/ml
8) T Fluorene (C16.55)	9.249	145051	0.732 ug/ml
9) T Phenanthrene (C19.36)	10.639	1805094	9.435 ug/ml
10) T Anthracene (C19.43)	10.713	423573	2.487 ug/ml
12) T Fluoranthene (C21.85)	12.446	3421285	18.519 ug/ml
13) T Pyrene (C20.8)	12.740	2844374	15.926 ug/ml
14) T Benzo[a]anthracene (C...	14.607	1661613	10.613 ug/ml
15) T Chrysene (C27.41)	14.648	1621038	9.826 ug/ml
16) T benzo[b]fluoranthene ...	16.174	714706	4.722 ug/ml
17) T Bnezo[k]fluoranthene ...	16.174	714706	4.616 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.554	129621	0.886 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.876	1114868	7.612 ug/ml
20) T Dibenz[a,h]anthracene...	17.959	167268	1.115 ug/ml
21) T Benzo[g,h,i]perylene ...	18.125	847326	5.742 ug/ml

(f)=RT Delta > 1/2 Window

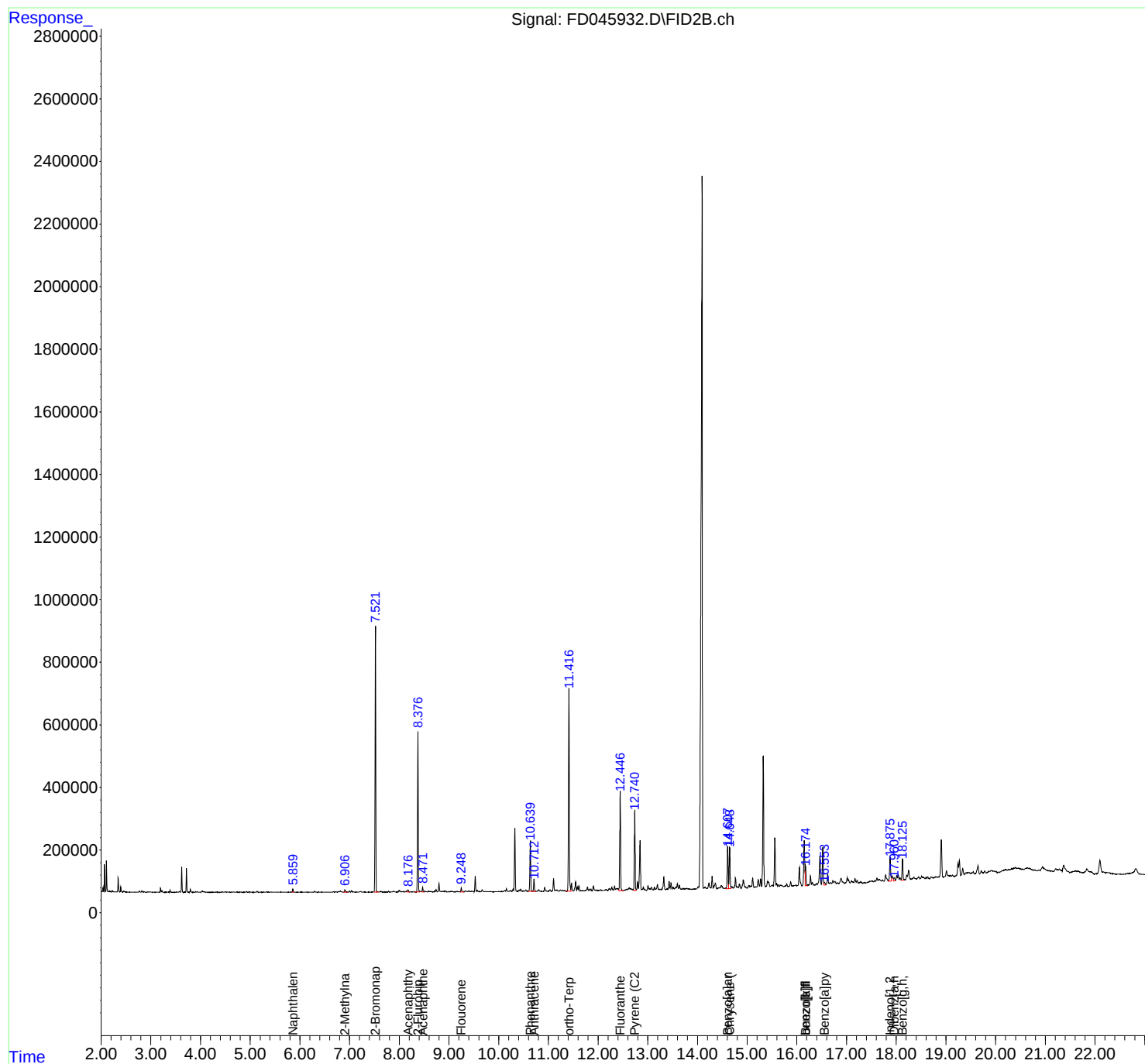
(m)=manual int.

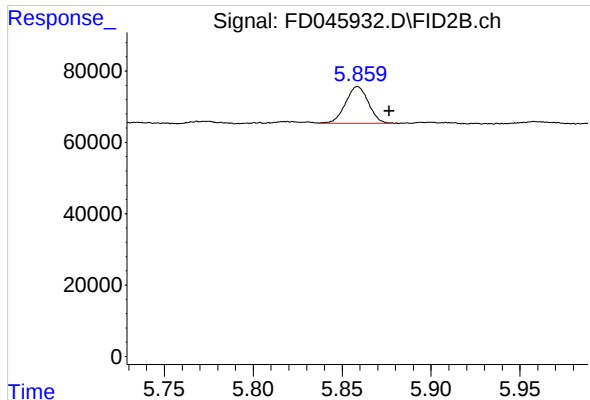
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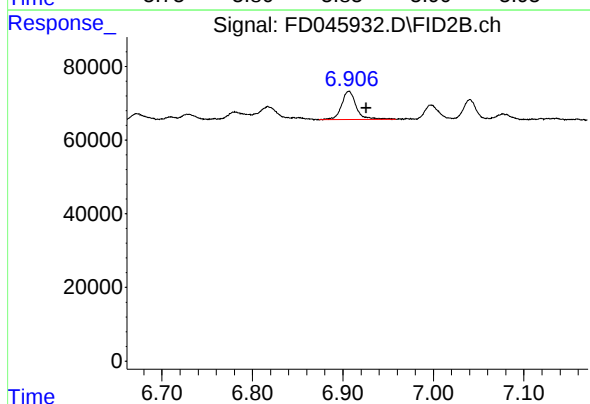




#2 Naphthalene (C11.7)

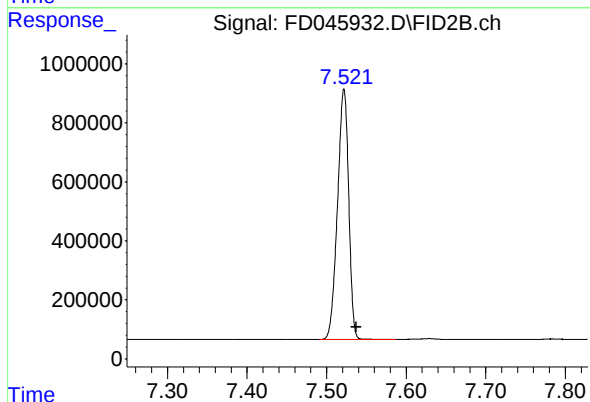
R.T.: 5.859 min
Delta R.T.: -0.018 min
Response: 92135
Conc: 0.43 ug/ml

Instrument :
FID_D
ClientSampleId :



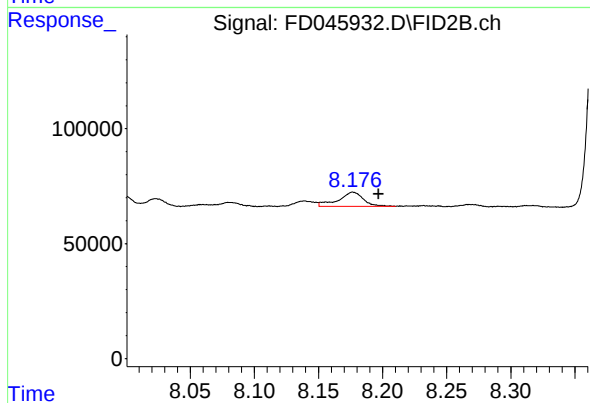
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.907 min
Delta R.T.: -0.019 min
Response: 86551
Conc: 0.41 ug/ml



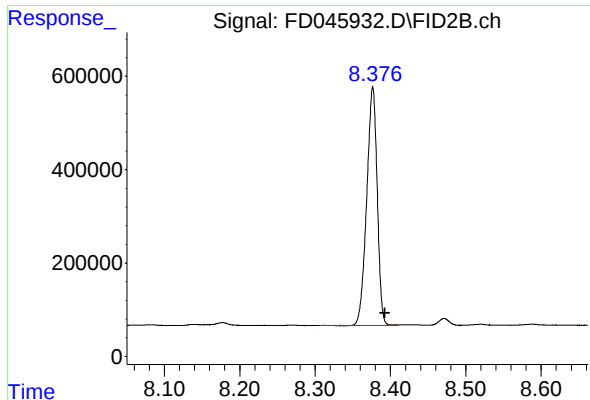
#4 2-Bromonaphthalene (SURR)

R.T.: 7.522 min
Delta R.T.: -0.016 min
Response: 8307055
Conc: 46.08 ug/ml



#5 Acenaphthylene (C15.06)

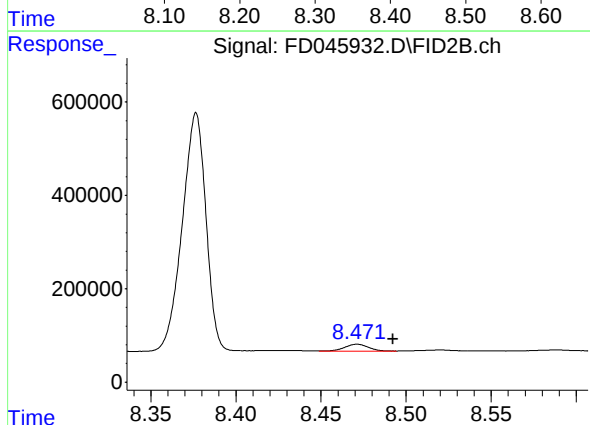
R.T.: 8.177 min
Delta R.T.: -0.020 min
Response: 84014
Conc: 0.44 ug/ml



#6 2-Fluorobiphenyl (SURR)

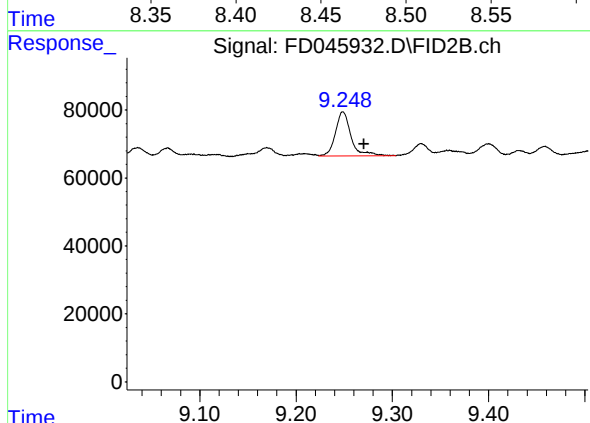
R.T.: 8.376 min
Delta R.T.: -0.016 min
Response: 4943371
Conc: 41.12 ug/ml

Instrument :
FID_D
ClientSampleId :



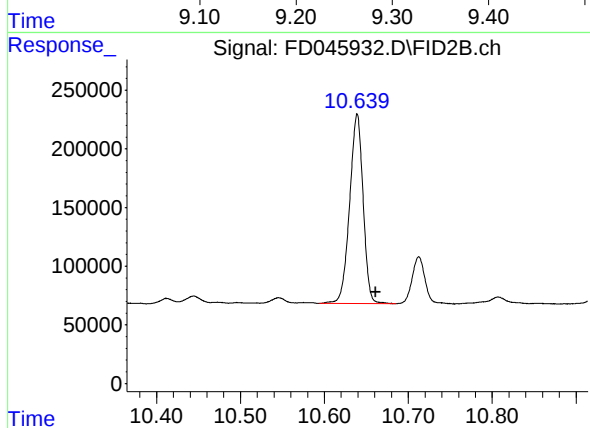
#7 Acenaphthene (C15.5)

R.T.: 8.471 min
Delta R.T.: -0.021 min
Response: 143726
Conc: 0.71 ug/ml



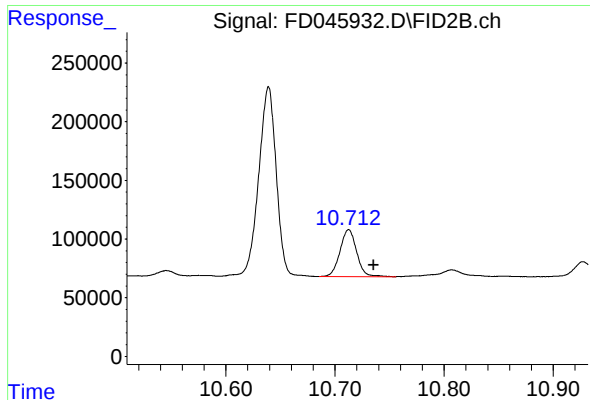
#8 Flouorene (C16.55)

R.T.: 9.249 min
Delta R.T.: -0.022 min
Response: 145051
Conc: 0.73 ug/ml



#9 Phenanthrene (C19.36)

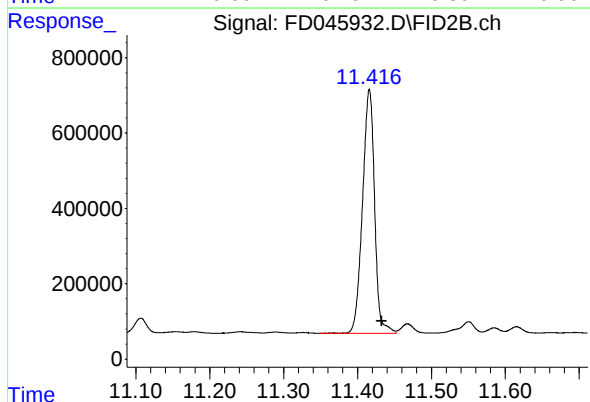
R.T.: 10.639 min
Delta R.T.: -0.022 min
Response: 1805094
Conc: 9.44 ug/ml



#10 Anthracene (C19.43)

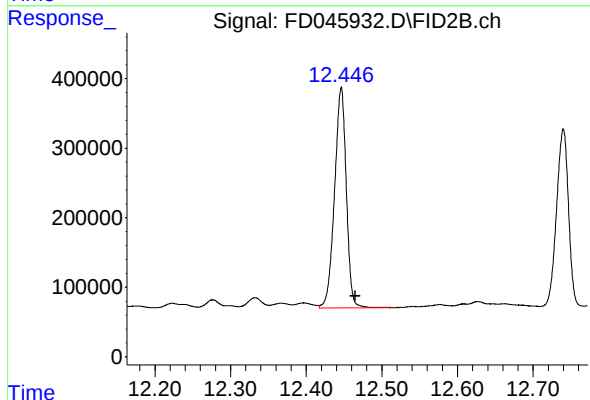
R.T.: 10.713 min
Delta R.T.: -0.023 min
Response: 423573
Conc: 2.49 ug/ml

Instrument :
FID_D
ClientSampleId :



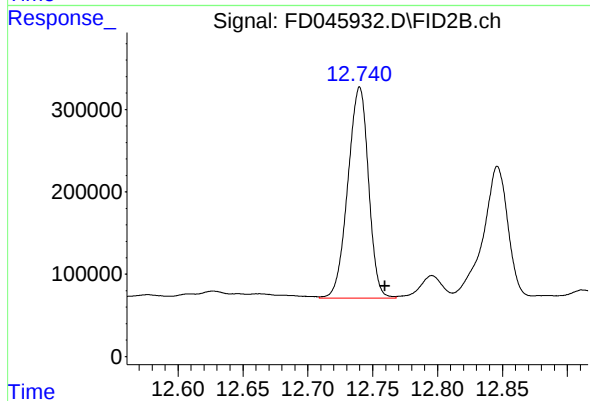
#11 ortho-Terphenyl (SURR)

R.T.: 11.416 min
Delta R.T.: -0.017 min
Response: 7349179
Conc: 32.90 ug/ml



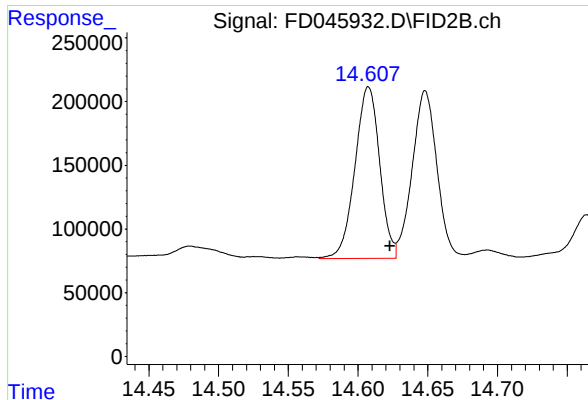
#12 Fluoranthene (C21.85)

R.T.: 12.446 min
Delta R.T.: -0.019 min
Response: 3421285
Conc: 18.52 ug/ml



#13 Pyrene (C20.8)

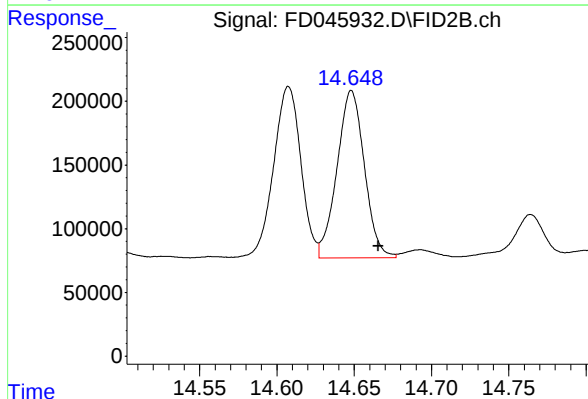
R.T.: 12.740 min
Delta R.T.: -0.020 min
Response: 2844374
Conc: 15.93 ug/ml



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

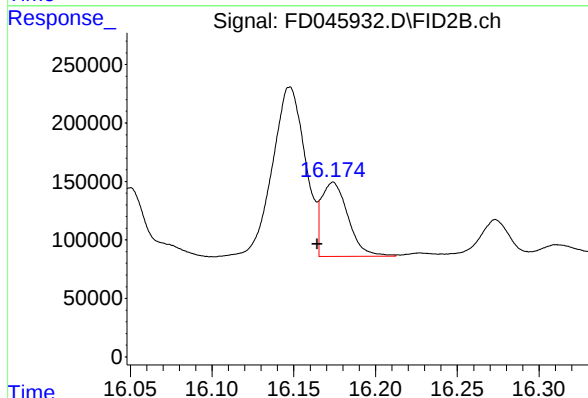
R.T.: 14.607 min
Delta R.T.: -0.016 min
Response: 1661613
Conc: 10.61 ug/ml

Instrument :
FID_D
ClientSampleId :



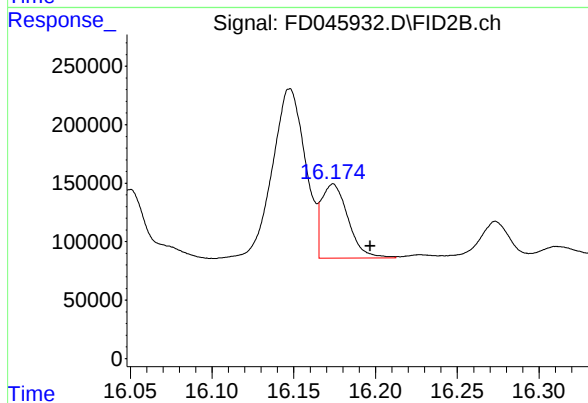
#15 Chrysene (C27.41)

R.T.: 14.648 min
Delta R.T.: -0.017 min
Response: 1621038
Conc: 9.83 ug/ml



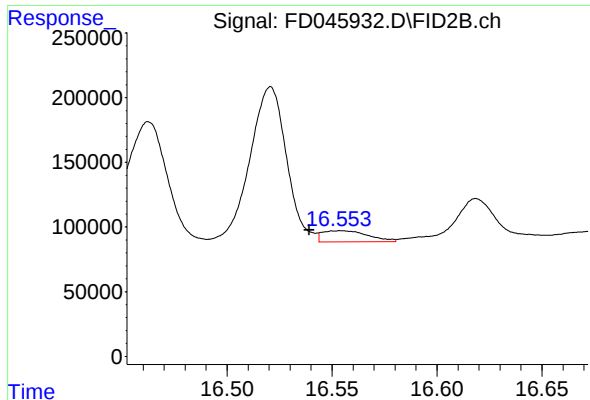
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.174 min
Delta R.T.: 0.009 min
Response: 714706
Conc: 4.72 ug/ml



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

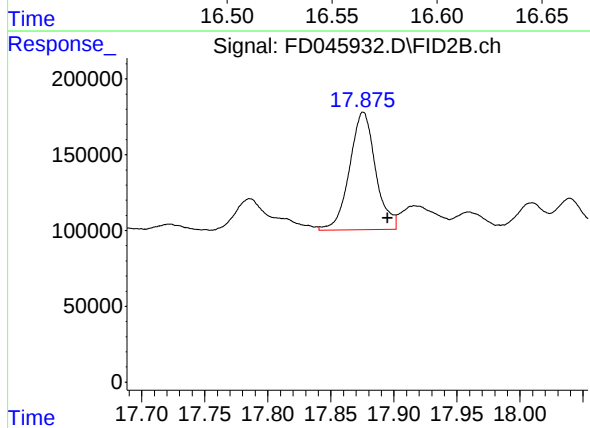
R.T.: 16.174 min
Delta R.T.: -0.023 min
Response: 714706
Conc: 4.62 ug/ml



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

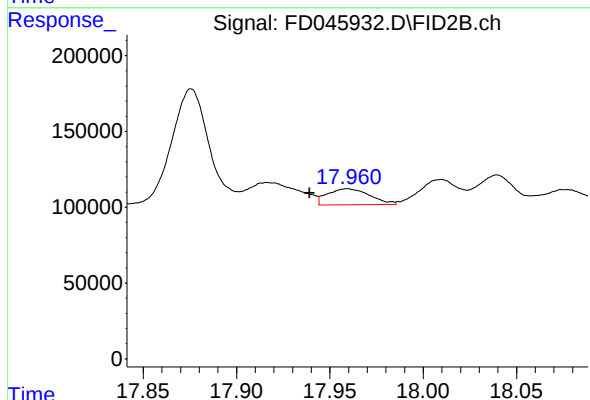
R.T.: 16.554 min
Delta R.T.: 0.015 min
Response: 129621
Conc: 0.89 ug/ml

Instrument :
FID_D
ClientSampleId :



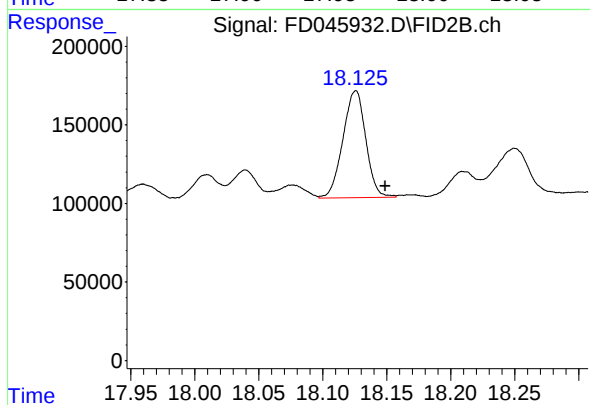
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.876 min
Delta R.T.: -0.019 min
Response: 1114868
Conc: 7.61 ug/ml



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

R.T.: 17.959 min
Delta R.T.: 0.020 min
Response: 167268
Conc: 1.11 ug/ml



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

R.T.: 18.125 min
Delta R.T.: -0.024 min
Response: 847326
Conc: 5.74 ug/ml