

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032423AR\
 Data File : FD045340.D
 Signal(s) : FID2B.ch
 Acq On : 24 Mar 2023 22:40
 Operator : YP/AJ
 Sample : 02023-01
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 25 02:29:22 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030123.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 01 16:43:59 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...	7.550	6141934	45.258 ug/ml
Spiked Amount 50.000		Recovery =	90.52%
6) S 2-Fluorobiphenyl (SURR)	8.405	3732344	41.686 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	83.37%
11) S ortho-Terphenyl (SURR)	11.447	6496421	39.028 ug/ml
Spiked Amount 50.000		Recovery =	78.06%
Target Compounds			
2) T Naphthalene (C11.7)	5.888	49803	0.315 ug/ml
3) T 2-Methylnaphthalene (...)	6.936	126339	0.795 ug/ml
5) T Acenaphthylene (C15.06)	8.206	195561	1.364 ug/ml
7) T Acenaphthene (C15.5)	8.501	96538	0.637 ug/ml
8) T Fluorene (C16.55)	9.279	294023	1.997 ug/ml
9) T Phenanthrene (C19.36)	10.670	672305	4.709 ug/ml
10) T Anthracene (C19.43)	10.743	269506	1.923 ug/ml
12) T Fluoranthene (C21.85)	12.475	1054480	7.549 ug/ml
13) T Pyrene (C20.8)	12.769	1266038	9.297 ug/ml
14) T Benzo[a]anthracene (C...	14.632	419044	3.287 ug/ml
15) T Chrysene (C27.41)	14.672	493084	3.783 ug/ml
16) T benzo[b]fluoranthene ...	16.176	397330	3.082 ug/ml
17) T Bnezo[k]fluoranthene ...	16.202	149144	1.182 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.548	370663	2.945 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.905	262711	2.196 ug/ml
20) T Dibenz[a,h]anthracene...	17.947	133024	1.103 ug/ml
21) T Benzo[g,h,i]perylene ...	18.154	235949	1.896 ug/ml

(f)=RT Delta > 1/2 Window

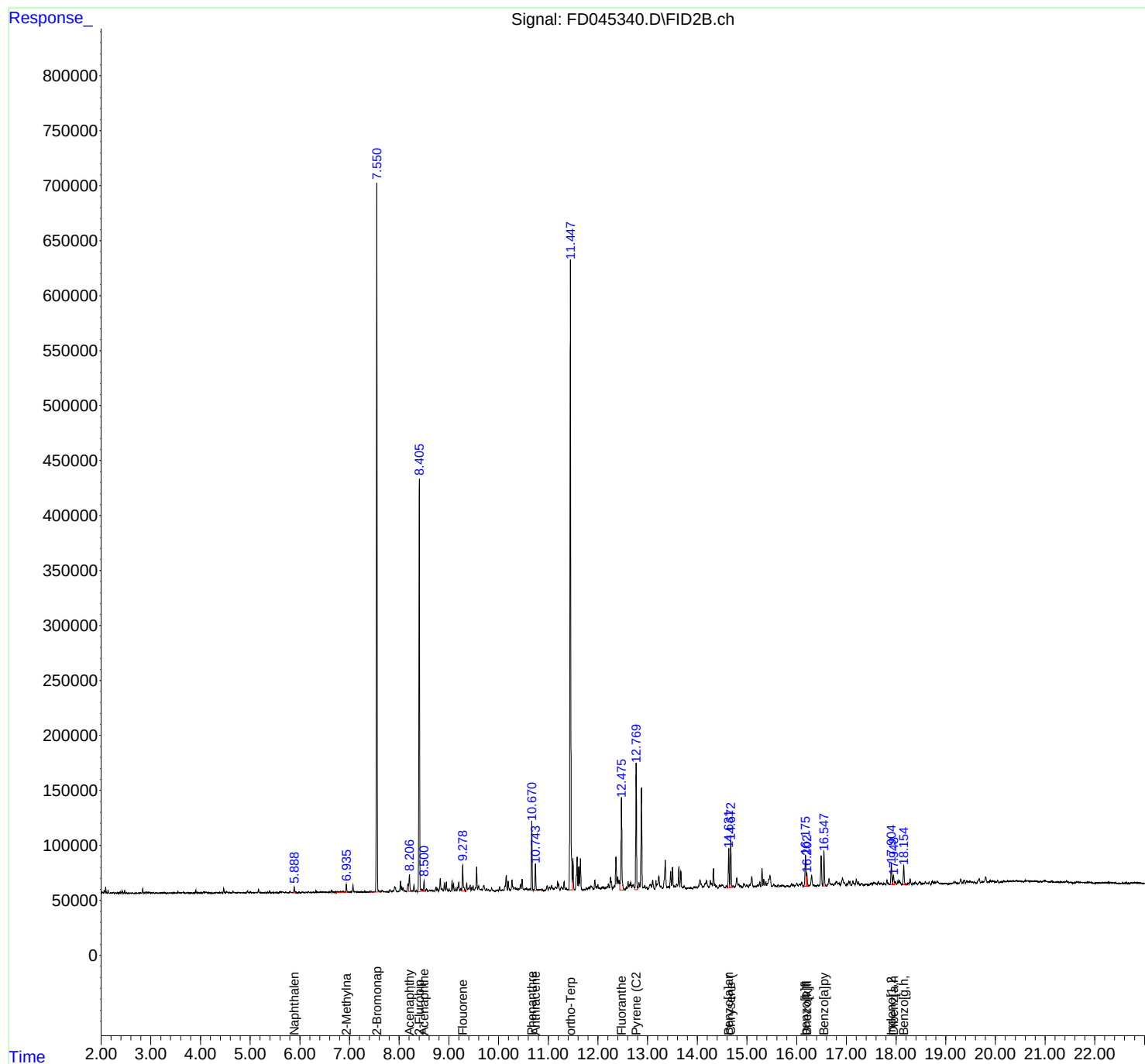
(m)=manual int.

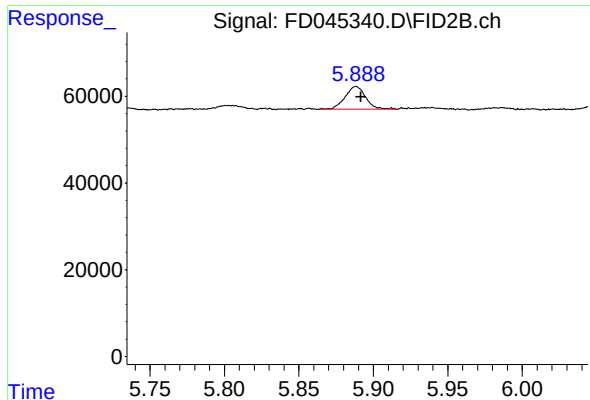
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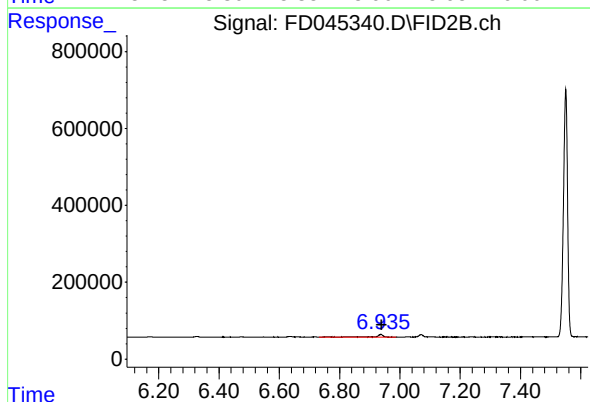




#2 Naphthalene (C11.7)

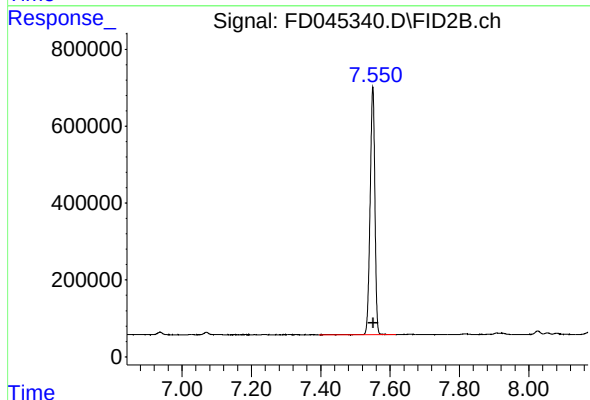
R.T.: 5.888 min
Delta R.T.: -0.003 min
Response: 49803
Conc: 0.32 ug/ml

Instrument :
FID_D
ClientSampleId :



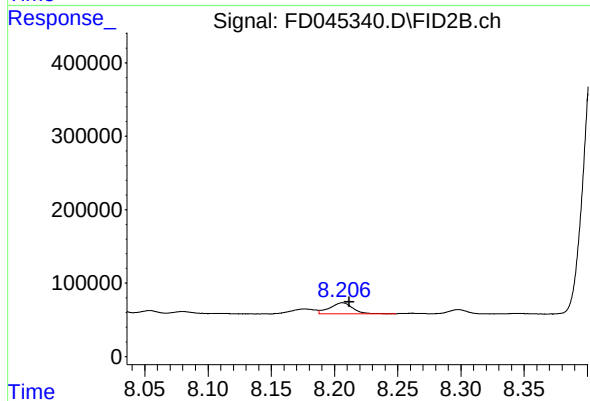
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.936 min
Delta R.T.: -0.004 min
Response: 126339
Conc: 0.79 ug/ml



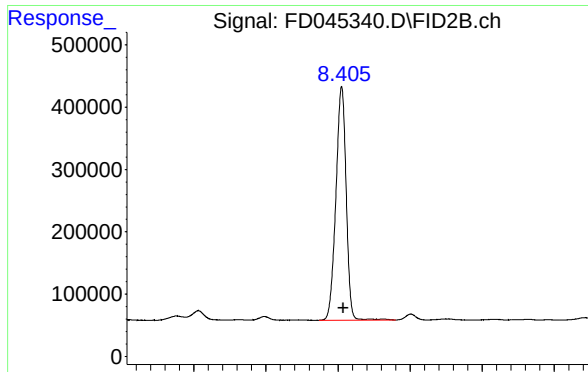
#4 2-Bromonaphthalene (SURR)

R.T.: 7.550 min
Delta R.T.: -0.002 min
Response: 6141934
Conc: 45.26 ug/ml



#5 Acenaphthylene (C15.06)

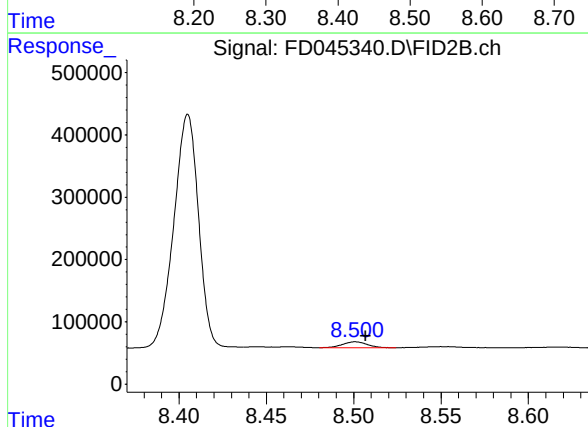
R.T.: 8.206 min
Delta R.T.: -0.005 min
Response: 195561
Conc: 1.36 ug/ml



#6 2-Fluorobiphenyl (SURR)

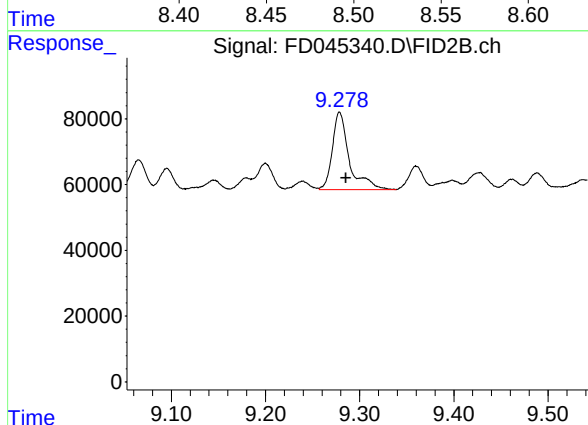
R.T.: 8.405 min
Delta R.T.: -0.003 min
Response: 3732344
Conc: 41.69 ug/ml

Instrument :
FID_D
ClientSampleId :



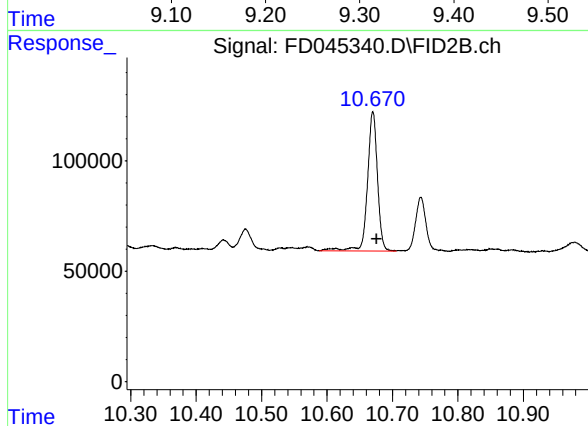
#7 Acenaphthene (C15.5)

R.T.: 8.501 min
Delta R.T.: -0.006 min
Response: 96538
Conc: 0.64 ug/ml



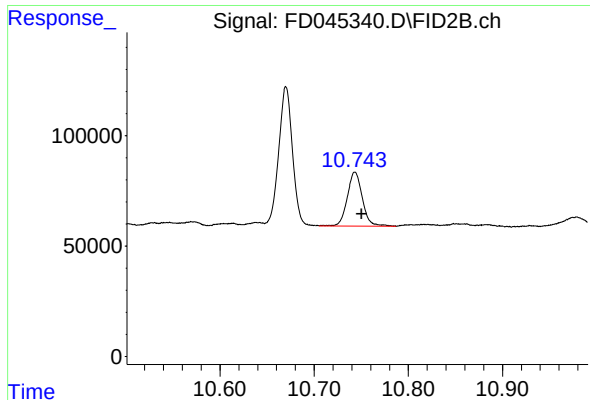
#8 Flouorene (C16.55)

R.T.: 9.279 min
Delta R.T.: -0.007 min
Response: 294023
Conc: 2.00 ug/ml



#9 Phenanthrene (C19.36)

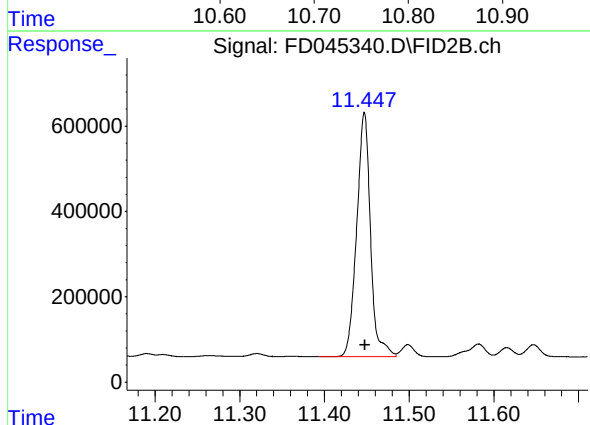
R.T.: 10.670 min
Delta R.T.: -0.006 min
Response: 672305
Conc: 4.71 ug/ml



#10 Anthracene (C19.43)

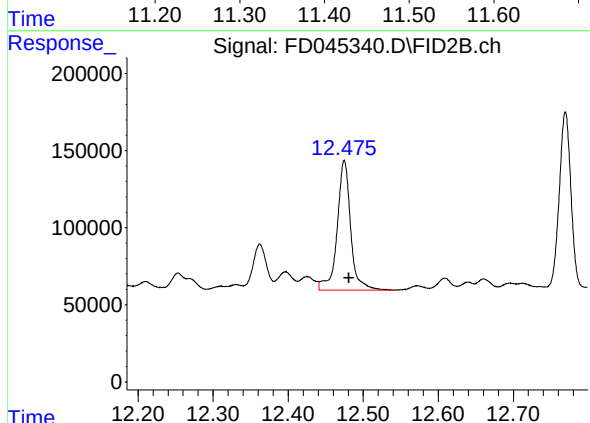
R.T.: 10.743 min
Delta R.T.: -0.007 min
Response: 269506
Conc: 1.92 ug/ml

Instrument :
FID_D
ClientSampleId :



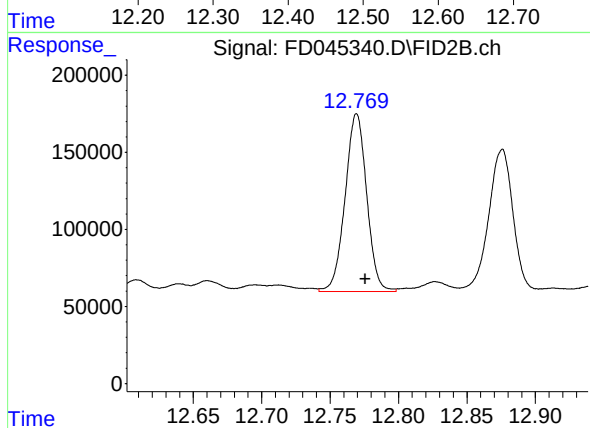
#11 ortho-Terphenyl (SURR)

R.T.: 11.447 min
Delta R.T.: 0.000 min
Response: 6496421
Conc: 39.03 ug/ml



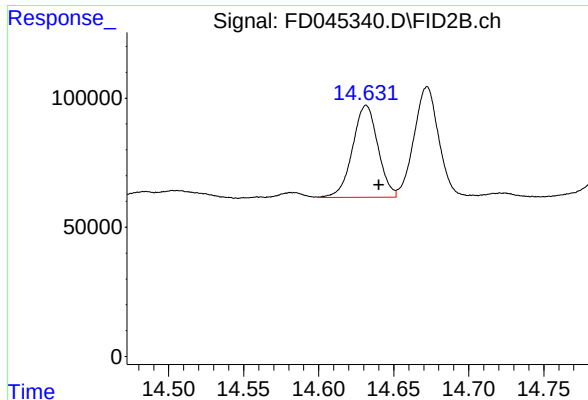
#12 Fluoranthene (C21.85)

R.T.: 12.475 min
Delta R.T.: -0.006 min
Response: 1054480
Conc: 7.55 ug/ml



#13 Pyrene (C20.8)

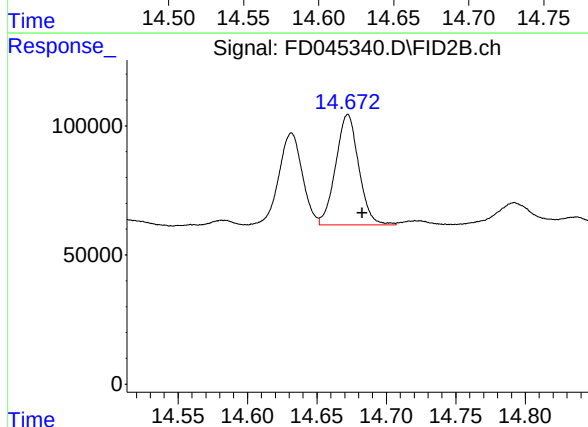
R.T.: 12.769 min
Delta R.T.: -0.006 min
Response: 1266038
Conc: 9.30 ug/ml



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

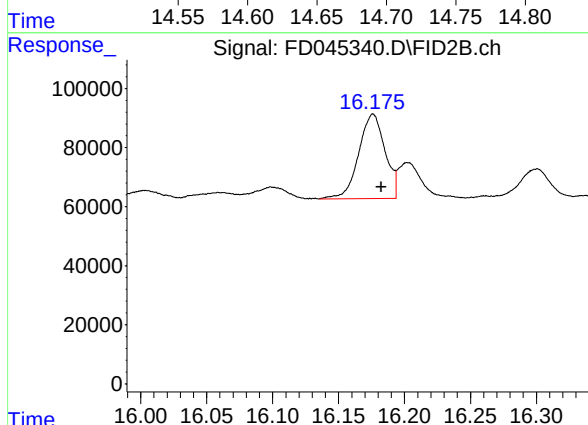
R.T.: 14.632 min
Delta R.T.: -0.009 min
Response: 419044
Conc: 3.29 ug/ml

Instrument :
FID_D
ClientSampleId :



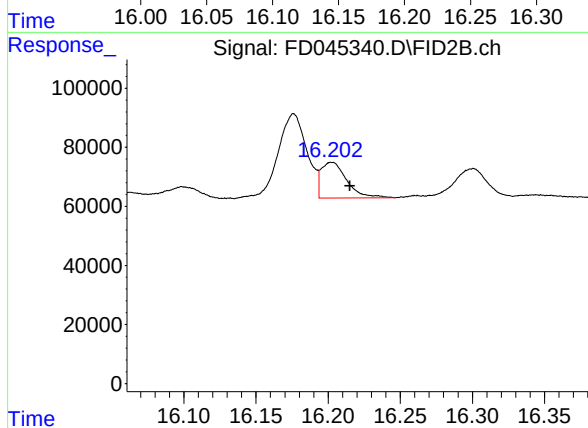
#15 Chrysene (C27.41)

R.T.: 14.672 min
Delta R.T.: -0.011 min
Response: 493084
Conc: 3.78 ug/ml



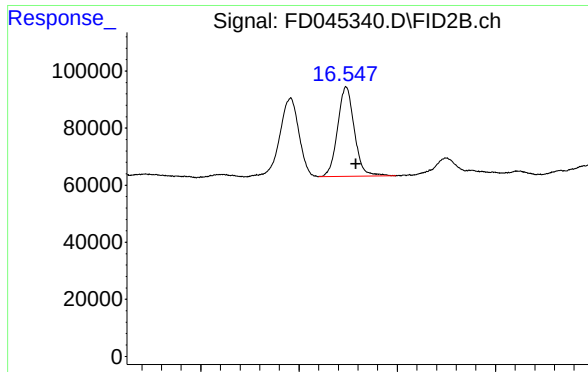
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.176 min
Delta R.T.: -0.007 min
Response: 397330
Conc: 3.08 ug/ml



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

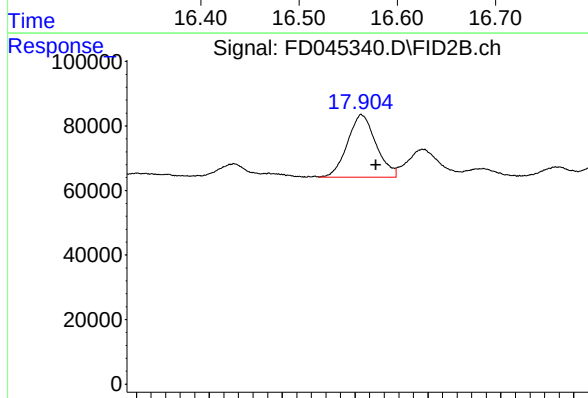
R.T.: 16.202 min
Delta R.T.: -0.013 min
Response: 149144
Conc: 1.18 ug/ml



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

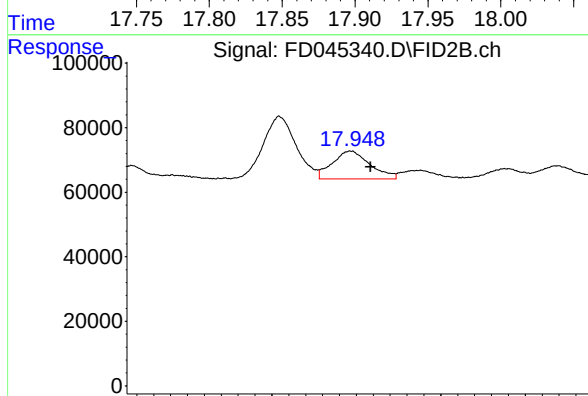
R.T.: 16.548 min
Delta R.T.: -0.010 min
Response: 370663
Conc: 2.95 ug/ml

Instrument :
FID_D
ClientSampleId :



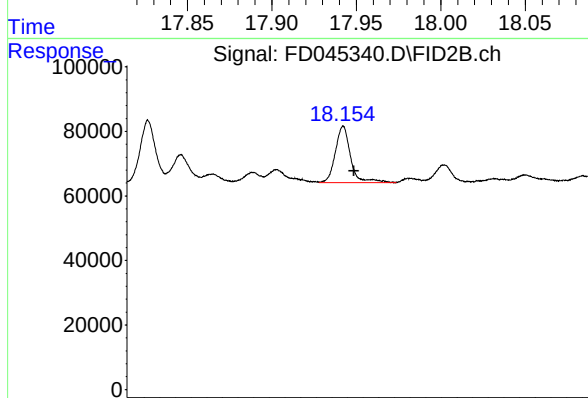
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.905 min
Delta R.T.: -0.010 min
Response: 262711
Conc: 2.20 ug/ml



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

R.T.: 17.947 min
Delta R.T.: -0.012 min
Response: 133024
Conc: 1.10 ug/ml



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

R.T.: 18.154 min
Delta R.T.: -0.014 min
Response: 235949
Conc: 1.90 ug/ml