

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062323AR\
 Data File : FD045940.D
 Signal(s) : FID2B.ch
 Acq On : 24 Jun 2023 00:10
 Operator : YP/AJ
 Sample : 03331-16
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 24 01:35:24 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...	7.523	9246136	51.286 ug/ml
Spiked Amount 50.000		Recovery =	102.57%
6) S 2-Fluorobiphenyl (SURR)	8.378	5968415	49.643 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	99.29%
11) S ortho-Terphenyl (SURR)	11.417	7751985	34.705 ug/ml
Spiked Amount 50.000		Recovery =	69.41%
Target Compounds			
2) T Naphthalene (C11.7)	5.860	89163	0.421 ug/ml
3) T 2-Methylnaphthalene (...)	6.907	67761	0.321 ug/ml
5) T Acenaphthylene (C15.06)	8.178	273560	1.444 ug/ml
7) T Acenaphthene (C15.5)	8.472	107613	0.532 ug/ml
8) T Fluorene (C16.55)	9.250	138110	0.697 ug/ml
9) T Phenanthrene (C19.36)	10.640	1428743	7.468 ug/ml
10) T Anthracene (C19.43)	10.713	440448	2.586 ug/ml
12) T Fluoranthene (C21.85)	12.446	3212570	17.389 ug/ml
13) T Pyrene (C20.8)	12.741	2705564	15.149 ug/ml
14) T Benzo[a]anthracene (C...	14.643	1762178	11.255 ug/ml
15) T Chrysene (C27.41)	14.643	1762178	10.681 ug/ml
16) T benzo[b]fluoranthene ...	16.175	857449	5.665 ug/ml
17) T Bnezo[k]fluoranthene ...	16.175	857449	5.538 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.522	1912299	13.077 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.879	1525086	10.413 ug/ml
20) T Dibenz[a,h]anthracene...	17.922	401525	2.677 ug/ml
21) T Benzo[g,h,i]perylene ...	18.130	1294376	8.772 ug/ml

(f)=RT Delta > 1/2 Window

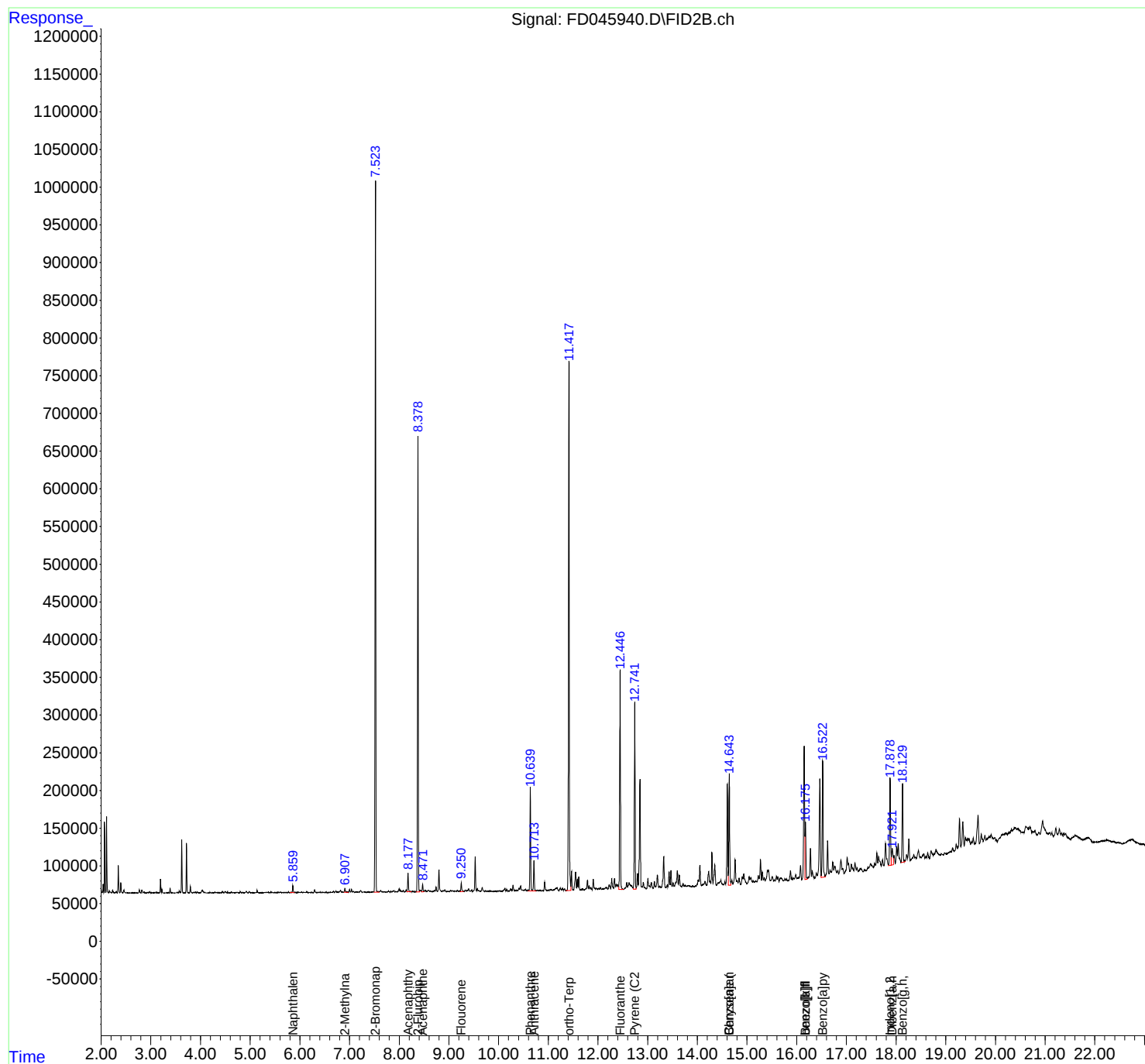
(m)=manual int.

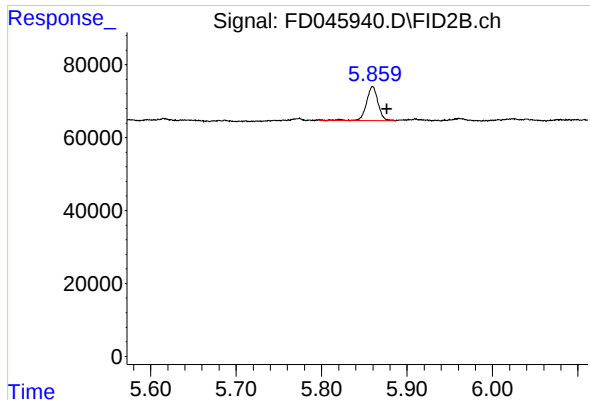
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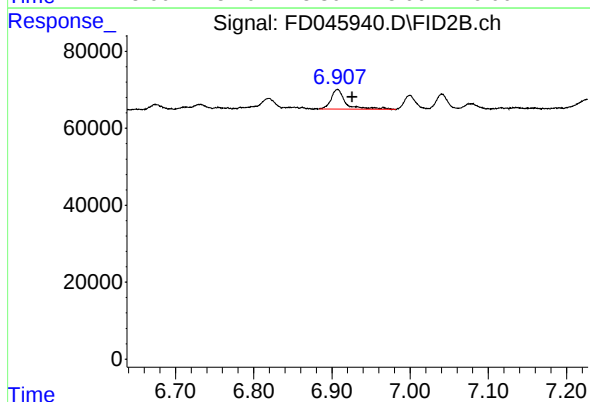




#2 Naphthalene (C11.7)

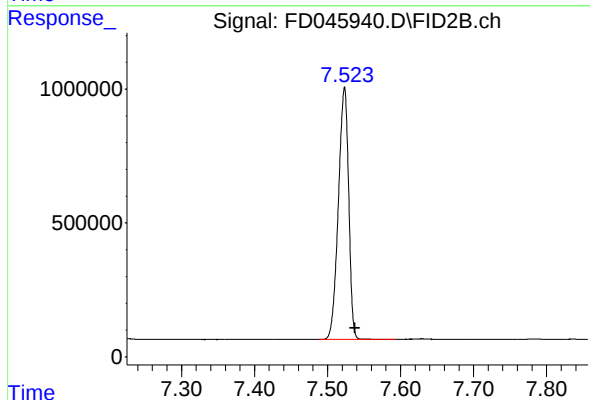
R.T.: 5.860 min
Delta R.T.: -0.017 min
Response: 89163
Conc: 0.42 ug/ml

Instrument :
FID_D
ClientSampleId :



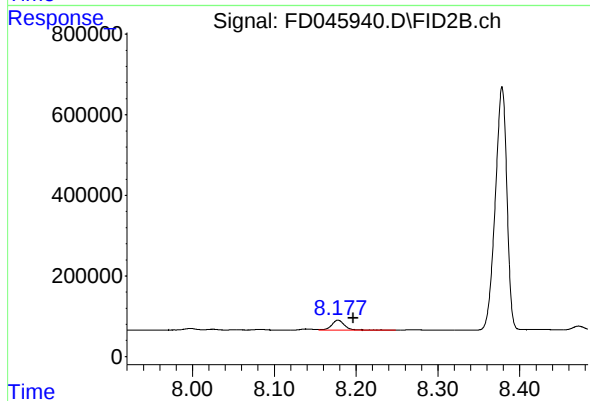
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.907 min
Delta R.T.: -0.019 min
Response: 67761
Conc: 0.32 ug/ml



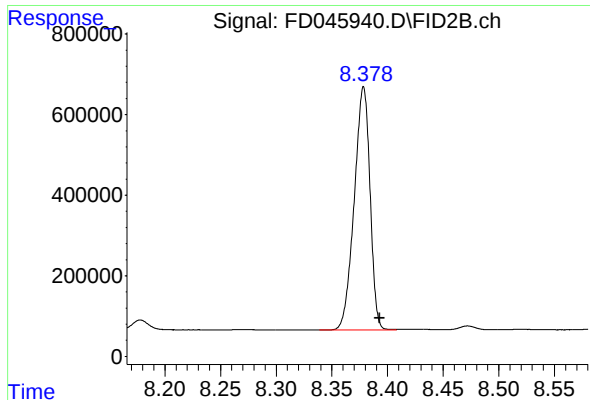
#4 2-Bromonaphthalene (SURR)

R.T.: 7.523 min
Delta R.T.: -0.014 min
Response: 9246136
Conc: 51.29 ug/ml



#5 Acenaphthylene (C15.06)

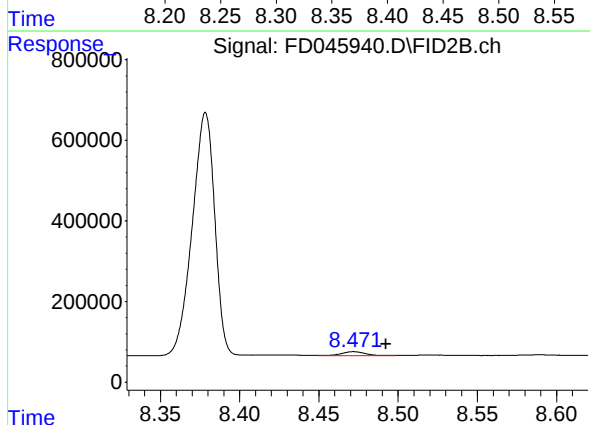
R.T.: 8.178 min
Delta R.T.: -0.019 min
Response: 273560
Conc: 1.44 ug/ml



#6 2-Fluorobiphenyl (SURR)

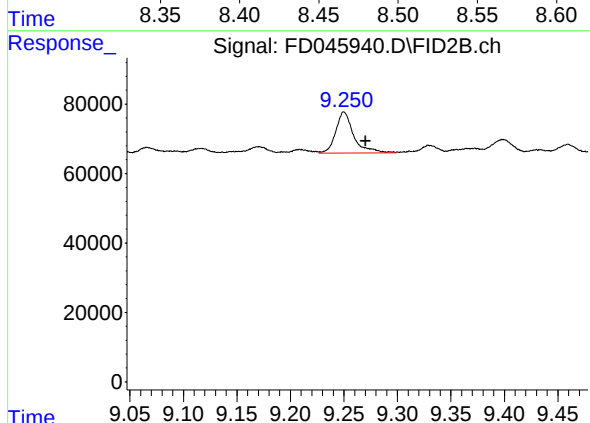
R.T.: 8.378 min
Delta R.T.: -0.014 min
Response: 5968415
Conc: 49.64 ug/ml

Instrument :
FID_D
ClientSampleId :



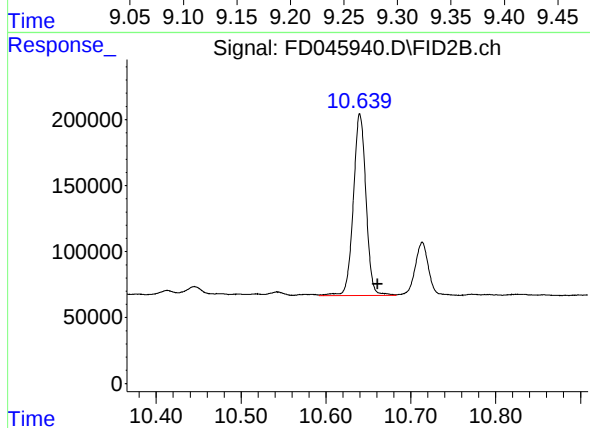
#7 Acenaphthene (C15.5)

R.T.: 8.472 min
Delta R.T.: -0.020 min
Response: 107613
Conc: 0.53 ug/ml



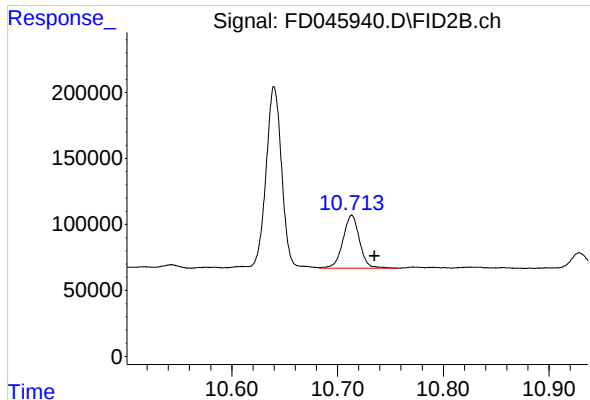
#8 Flouorene (C16.55)

R.T.: 9.250 min
Delta R.T.: -0.020 min
Response: 138110
Conc: 0.70 ug/ml



#9 Phenanthrene (C19.36)

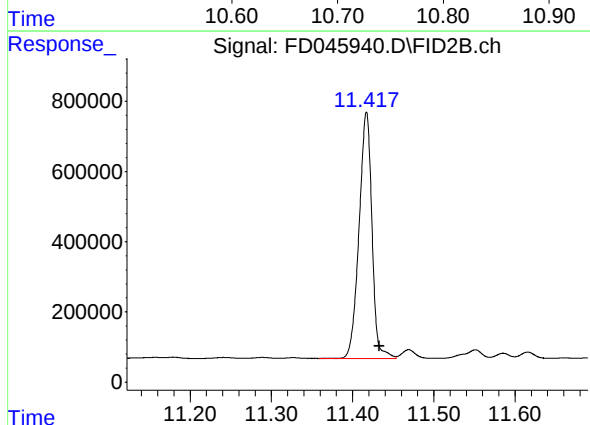
R.T.: 10.640 min
Delta R.T.: -0.021 min
Response: 1428743
Conc: 7.47 ug/ml



#10 Anthracene (C19.43)

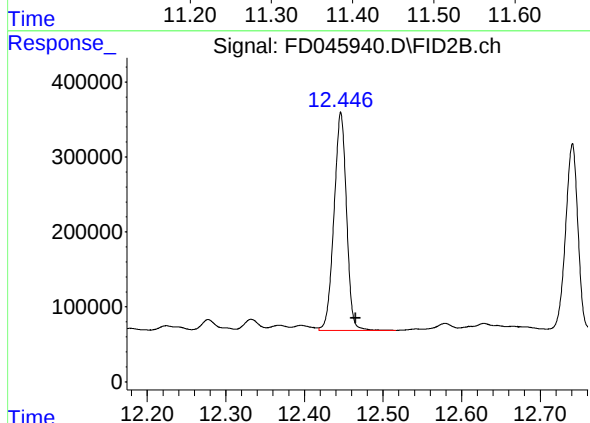
R.T.: 10.713 min
Delta R.T.: -0.022 min
Response: 440448
Conc: 2.59 ug/ml

Instrument :
FID_D
ClientSampleId :



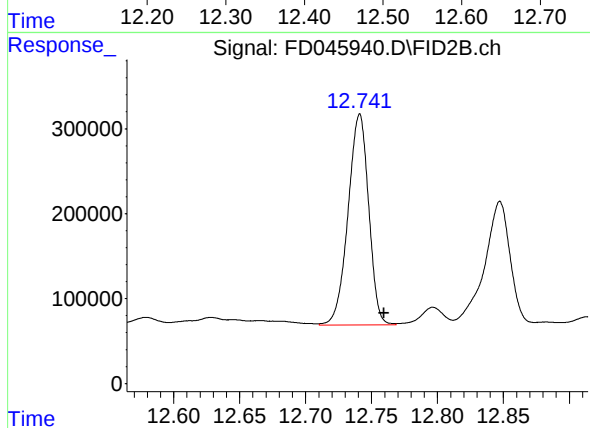
#11 ortho-Terphenyl (SURR)

R.T.: 11.417 min
Delta R.T.: -0.016 min
Response: 7751985
Conc: 34.71 ug/ml



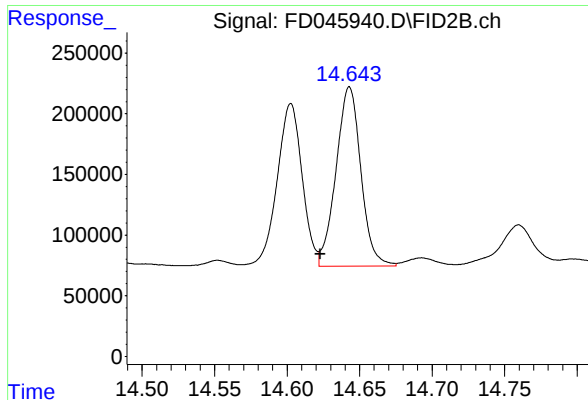
#12 Fluoranthene (C21.85)

R.T.: 12.446 min
Delta R.T.: -0.019 min
Response: 3212570
Conc: 17.39 ug/ml



#13 Pyrene (C20.8)

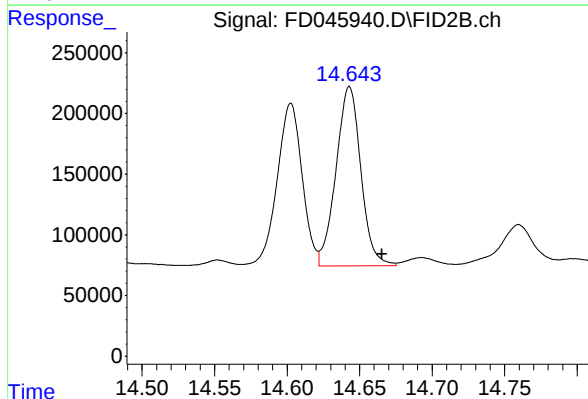
R.T.: 12.741 min
Delta R.T.: -0.019 min
Response: 2705564
Conc: 15.15 ug/ml



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

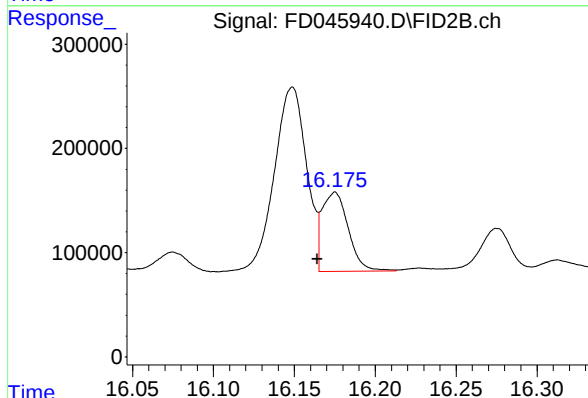
R.T.: 14.643 min
Delta R.T.: 0.020 min
Response: 1762178
Conc: 11.26 ug/ml

Instrument :
FID_D
ClientSampleId :



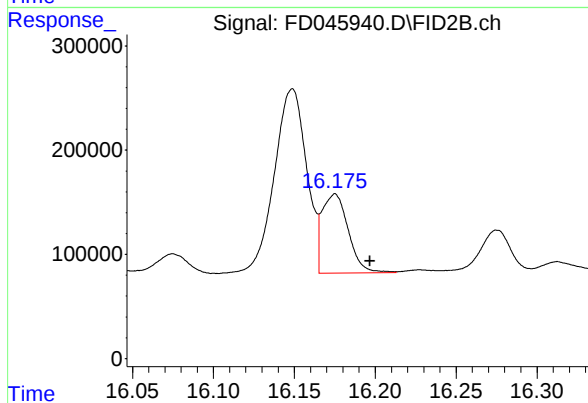
#15 Chrysene (C27.41)

R.T.: 14.643 min
Delta R.T.: -0.023 min
Response: 1762178
Conc: 10.68 ug/ml



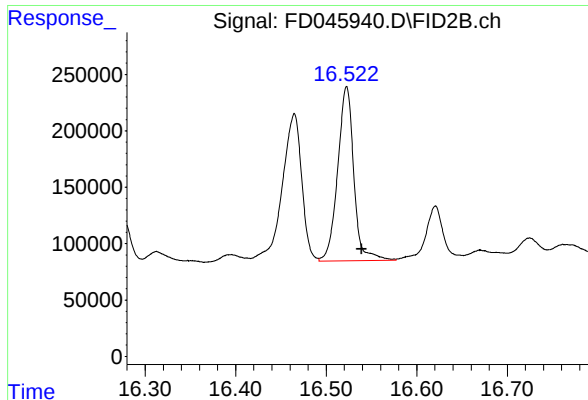
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.175 min
Delta R.T.: 0.010 min
Response: 857449
Conc: 5.67 ug/ml



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

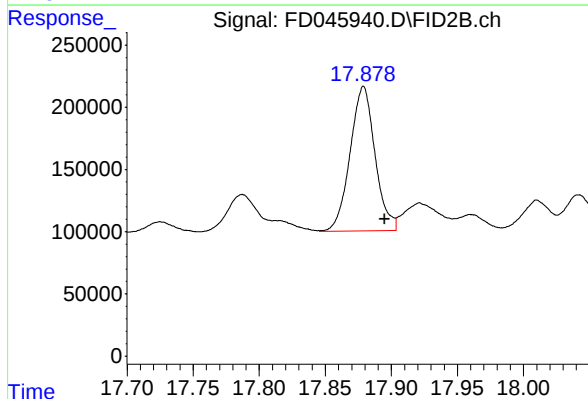
R.T.: 16.175 min
Delta R.T.: -0.022 min
Response: 857449
Conc: 5.54 ug/ml



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

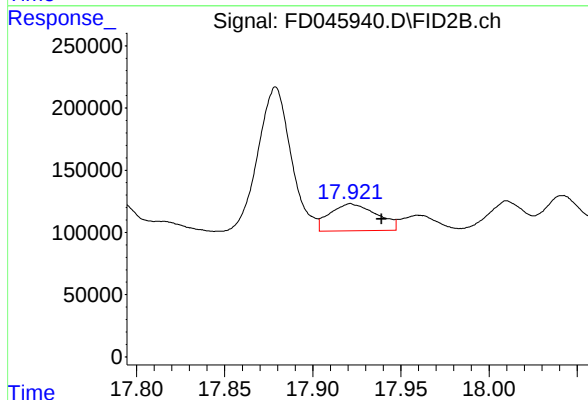
R.T.: 16.522 min
Delta R.T.: -0.017 min
Response: 1912299
Conc: 13.08 ug/ml

Instrument :
FID_D
ClientSampleId :



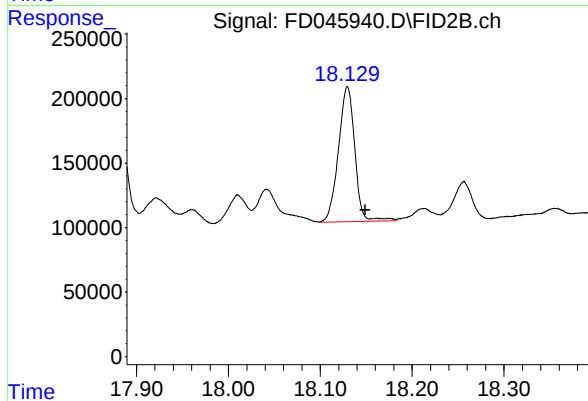
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.879 min
Delta R.T.: -0.016 min
Response: 1525086
Conc: 10.41 ug/ml



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

R.T.: 17.922 min
Delta R.T.: -0.017 min
Response: 401525
Conc: 2.68 ug/ml



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

R.T.: 18.130 min
Delta R.T.: -0.019 min
Response: 1294376
Conc: 8.77 ug/ml