

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092024AR\
 Data File : FD048364.D
 Signal(s) : FID2B.ch
 Acq On : 20 Sep 2024 20:37
 Operator : YP/AJ
 Sample : P4104-19MSD
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 WC-14-7.5-10B-EPH-4MSD

Integration File: autoint1.e
 Quant Time: Sep 21 02:16:04 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 090624.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 06 11:53:01 2024
 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...	7.386	7417743	48.910 ug/ml
Spiked Amount 50.000		Recovery =	97.82%
6) S 2-Fluorobiphenyl (SURR)	8.237	4786714	50.097 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	100.19%
11) S ortho-Terphenyl (SURR)	11.273	4968951	28.962 ug/ml
Spiked Amount 50.000		Recovery =	57.92%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.207	6004200	34.036 ug/ml
2) T Naphthalene (C11.7)	5.725	6682482	36.953 ug/ml
3) T 2-Methylnaphthalene (...)	6.772	6251014	34.940 ug/ml
5) T Acenaphthylene (C15.06)	8.040	6722127	38.475 ug/ml
7) T Acenaphthene (C15.5)	8.335	7334069	41.237 ug/ml
8) T Fluorene (C16.55)	9.114	7368666	44.005 ug/ml
9) T Phenanthrene (C19.36)	10.501	7394814	45.803 ug/ml
10) T Anthracene (C19.43)	10.577	7369349	46.310 ug/ml
12) T Fluoranthene (C21.85)	12.306	8234863	50.797 ug/ml
13) T Pyrene (C20.8)	12.600	7952744	49.600 ug/ml
14) T Benzo[a]anthracene (C...	14.468	6779079	48.395 ug/ml
15) T Chrysene (C27.41)	14.511	6879534	41.766 ug/ml
16) T benzo[b]fluoranthene ...	16.016	6845490	46.074 ug/ml
17) T Bnezo[k]fluoranthene ...	16.050	6802505	44.168 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.392	6528062	44.123 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.758	6725252	59.519 ug/ml
20) T Dibenz[a,h]anthracene...	17.795	6646283	43.550 ug/ml
21) T Benzo[g,h,i]perylene ...	18.010	6340000	43.011 ug/ml

(f)=RT Delta > 1/2 Window

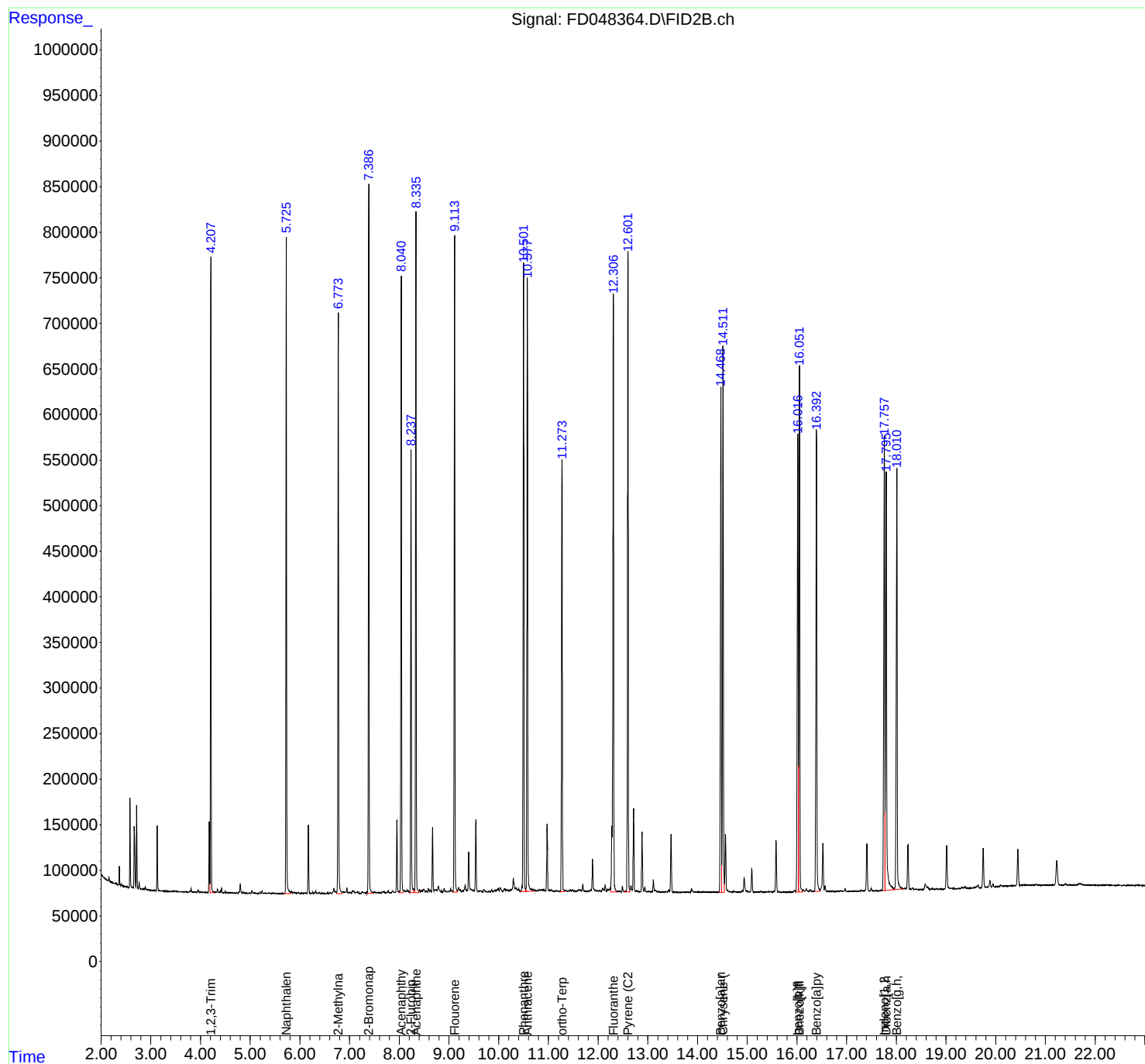
(m)=manual int.

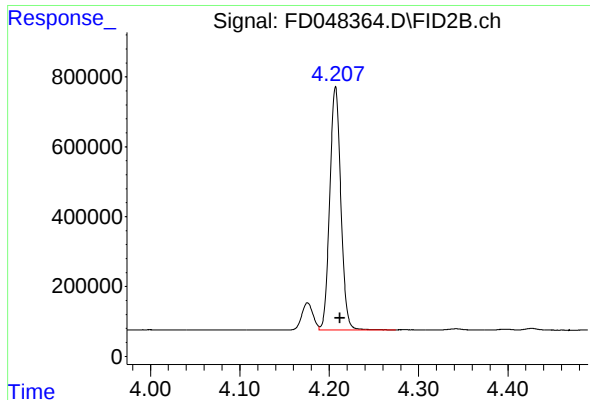
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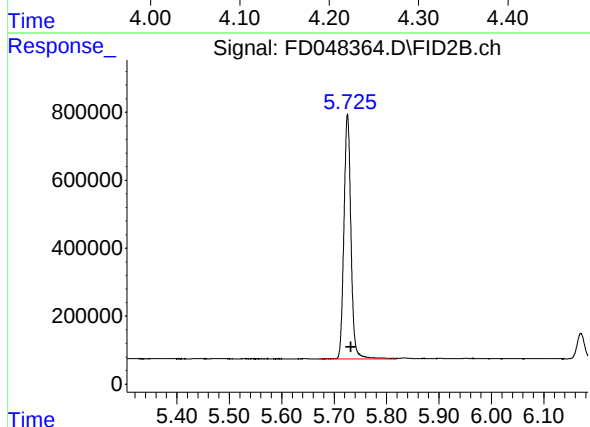




#1 1,2,3-Trimethylbenzene (C10.1)

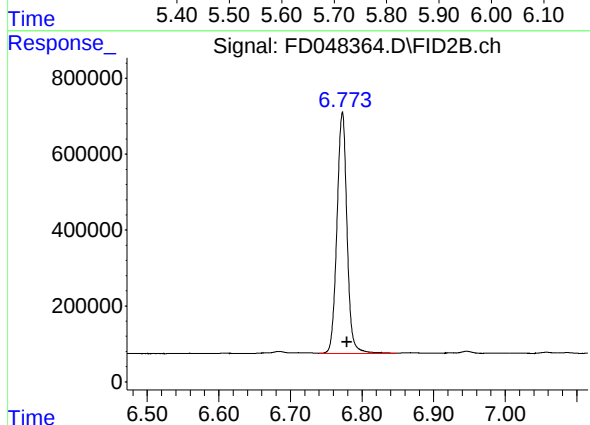
R.T.: 4.207 min
Delta R.T.: -0.005 min
Response: 6004200
Conc: 34.04 ug/ml

Instrument :
FID_D
ClientSampleId :
WC-14-7.5-10B-EPH-4MSD



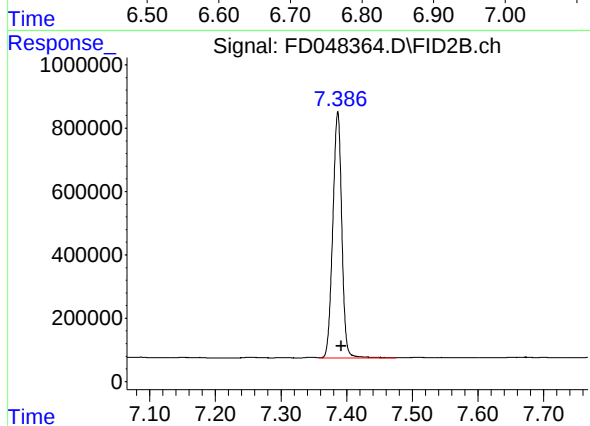
#2 Naphthalene (C11.7)

R.T.: 5.725 min
Delta R.T.: -0.007 min
Response: 6682482
Conc: 36.95 ug/ml



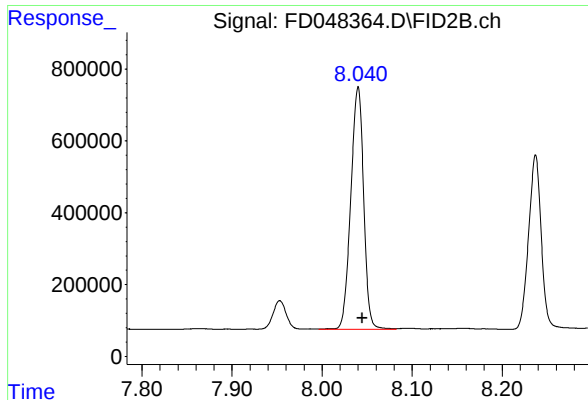
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.772 min
Delta R.T.: -0.006 min
Response: 6251014
Conc: 34.94 ug/ml



#4 2-Bromonaphthalene (SURR)

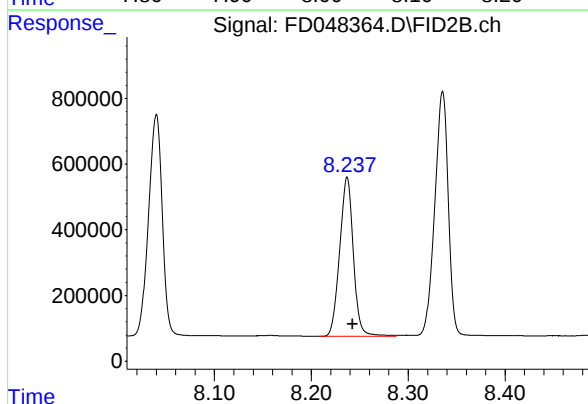
R.T.: 7.386 min
Delta R.T.: -0.005 min
Response: 7417743
Conc: 48.91 ug/ml



#5 Acenaphthylene (C15.06)

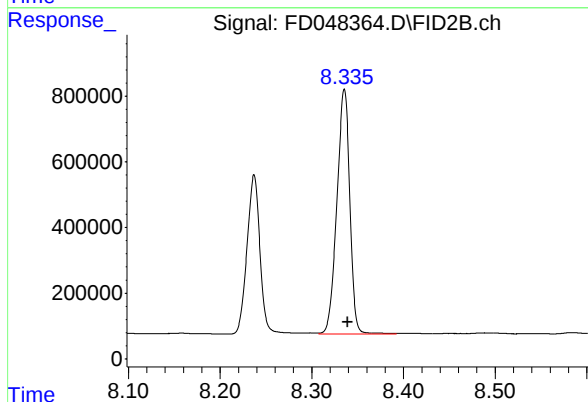
R.T.: 8.040 min
Delta R.T.: -0.005 min
Response: 6722127
Conc: 38.47 ug/ml

Instrument :
FID_D
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WC-14-7.5-10B-EPH-4MSD



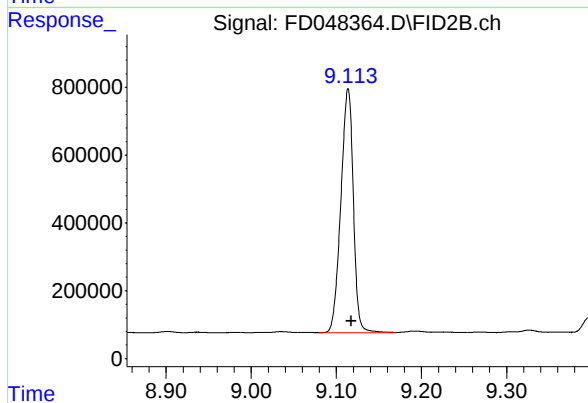
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.237 min
Delta R.T.: -0.006 min
Response: 4786714
Conc: 50.10 ug/ml



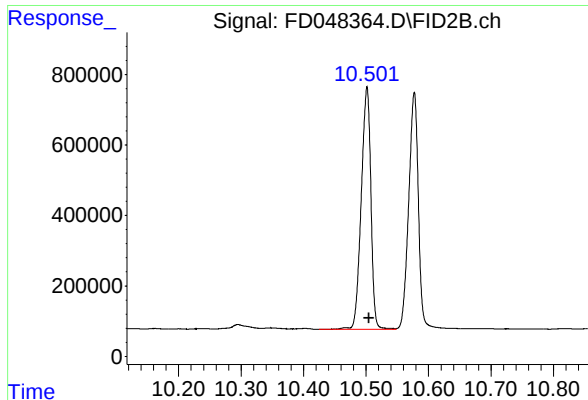
#7 Acenaphthene (C15.5)

R.T.: 8.335 min
Delta R.T.: -0.004 min
Response: 7334069
Conc: 41.24 ug/ml



#8 Flouorene (C16.55)

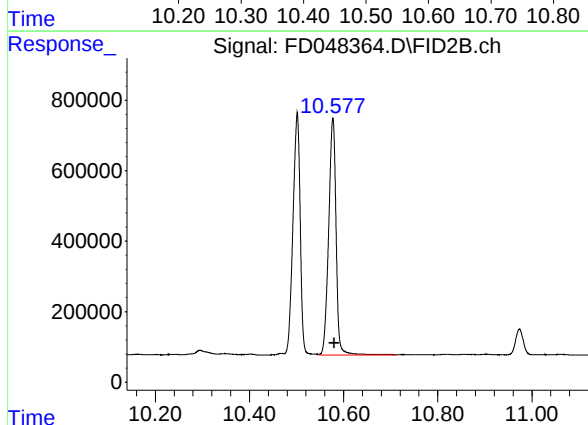
R.T.: 9.114 min
Delta R.T.: -0.004 min
Response: 7368666
Conc: 44.01 ug/ml



#9 Phenanthrene (C19.36)

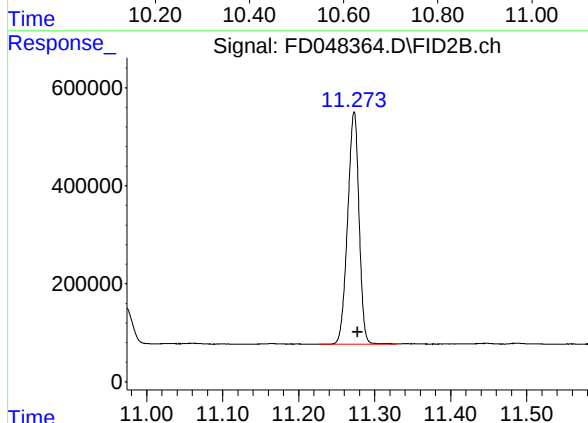
R.T.: 10.501 min
Delta R.T.: -0.004 min
Response: 7394814
Conc: 45.80 ug/ml

Instrument :
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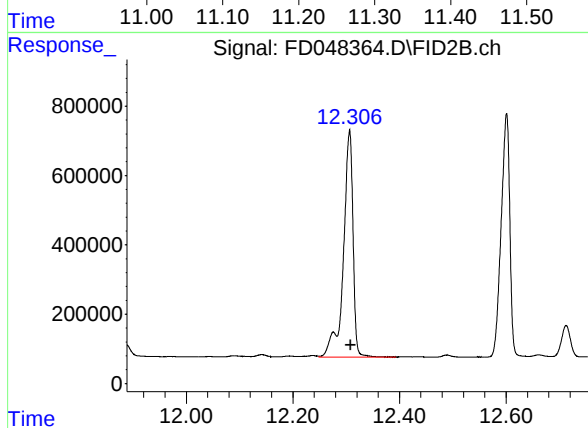
#10 Anthracene (C19.43)

R.T.: 10.577 min
Delta R.T.: -0.003 min
Response: 7369349
Conc: 46.31 ug/ml



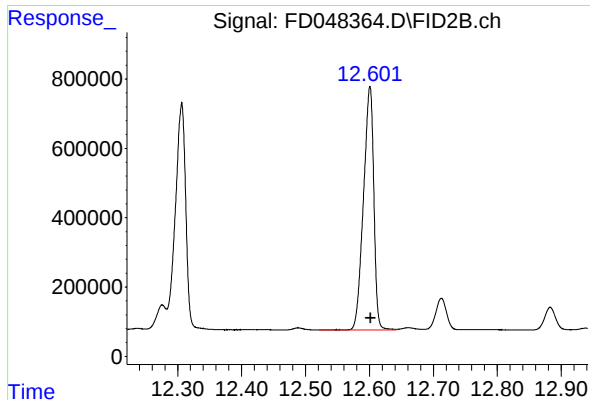
#11 ortho-Terphenyl (SURRE)

R.T.: 11.273 min
Delta R.T.: -0.005 min
Response: 4968951
Conc: 28.96 ug/ml



#12 Fluoranthene (C21.85)

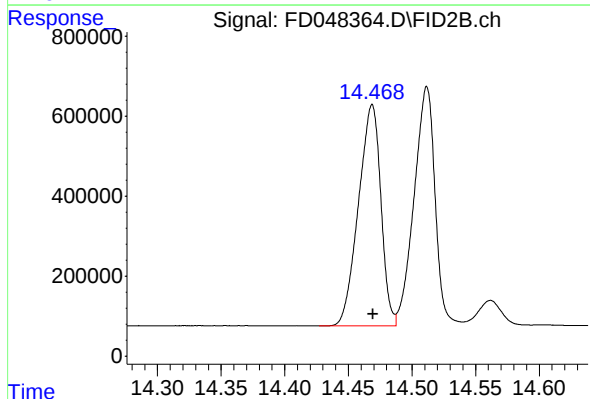
R.T.: 12.306 min
Delta R.T.: -0.003 min
Response: 8234863
Conc: 50.80 ug/ml



#13 Pyrene (C20.8)

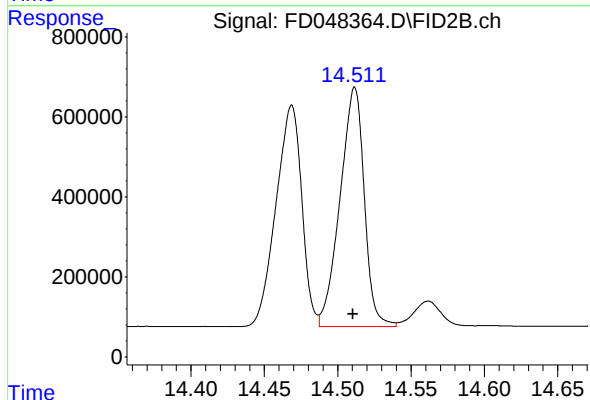
R.T.: 12.600 min
Delta R.T.: -0.001 min
Response: 7952744
Conc: 49.60 ug/ml

Instrument :
FID_D
ClientSampleId :
WC-14-7.5-10B-EPH-4MSD



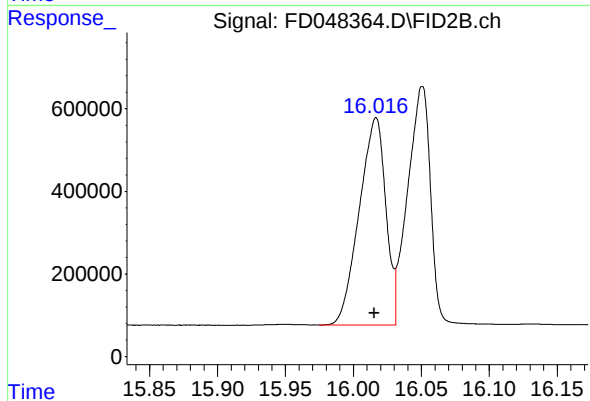
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.468 min
Delta R.T.: 0.000 min
Response: 6779079
Conc: 48.40 ug/ml



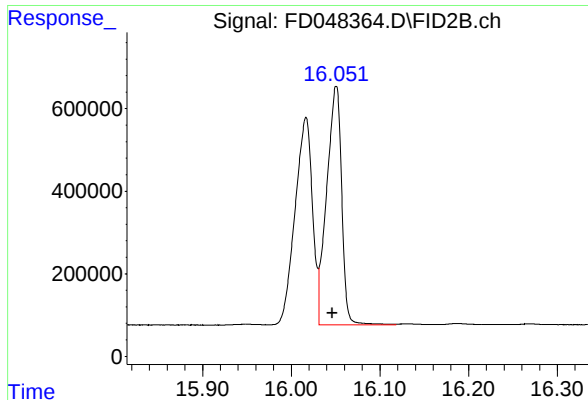
#15 Chrysene (C27.41)

R.T.: 14.511 min
Delta R.T.: 0.000 min
Response: 6879534
Conc: 41.77 ug/ml



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

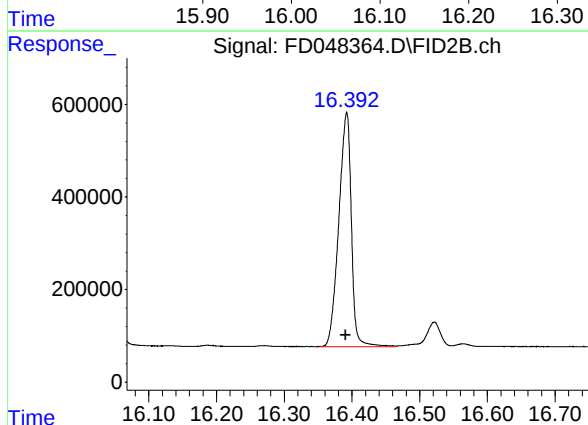
R.T.: 16.016 min
Delta R.T.: 0.000 min
Response: 6845490
Conc: 46.07 ug/ml



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

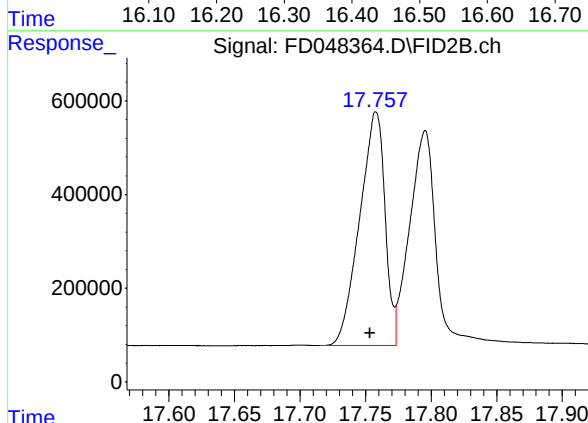
R.T.: 16.050 min
Delta R.T.: 0.004 min
Response: 6802505
Conc: 44.17 ug/ml

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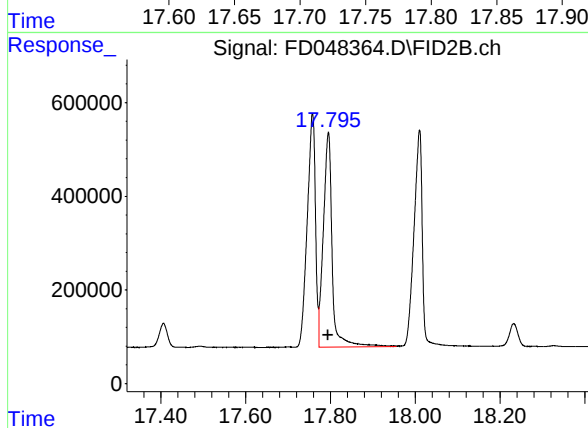
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.392 min
Delta R.T.: 0.001 min
Response: 6528062
Conc: 44.12 ug/ml



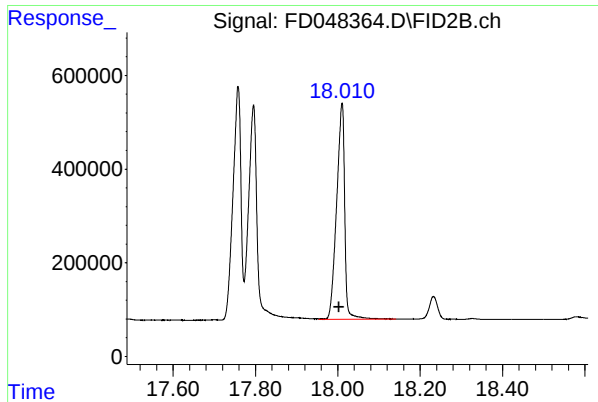
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.758 min
Delta R.T.: 0.004 min
Response: 6725252
Conc: 59.52 ug/ml



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

R.T.: 17.795 min
Delta R.T.: 0.000 min
Response: 6646283
Conc: 43.55 ug/ml



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

R.T.: 18.010 min
Delta R.T.: 0.007 min
Response: 6340000
Conc: 43.01 ug/ml

Instrument :

FID_D

ClientSampleId :

WC-14-7.5-10B-EPH-4MSD