

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091924AR\
 Data File : FD048340.D
 Signal(s) : FID2B.ch
 Acq On : 20 Sep 2024 00:25
 Operator : YP/AJ
 Sample : P4103-16MSD
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 WC-23MSD

Integration File: autoint1.e
 Quant Time: Sep 20 05:21:46 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...	7.388	7703234	50.792 ug/ml
Spiked Amount 50.000		Recovery =	101.58%
6) S 2-Fluorobiphenyl (SURR)	8.239	4615649	48.306 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	96.61%
11) S ortho-Terphenyl (SURR)	11.273	4398624	25.638 ug/ml
Spiked Amount 50.000		Recovery =	51.28%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.208	5502793	31.193 ug/ml
2) T Naphthalene (C11.7)	5.727	6861084	37.940 ug/ml
3) T 2-Methylnaphthalene (...)	6.775	7317962	40.903 ug/ml
5) T Acenaphthylene (C15.06)	8.041	7308014	41.828 ug/ml
7) T Acenaphthene (C15.5)	8.337	7148845	40.195 ug/ml
8) T Fluorene (C16.55)	9.115	7339505	43.831 ug/ml
9) T Phenanthrene (C19.36)	10.503	7249315	44.902 ug/ml
10) T Anthracene (C19.43)	10.578	6959258	43.733 ug/ml
12) T Fluoranthene (C21.85)	12.307	7858273	48.474 ug/ml
13) T Pyrene (C20.8)	12.601	7509167	46.833 ug/ml
14) T Benzo[a]anthracene (C...	14.469	6325779	45.159 ug/ml
15) T Chrysene (C27.41)	14.512	6515643	39.557 ug/ml
16) T benzo[b]fluoranthene ...	16.016	6329838	42.603 ug/ml
17) T Bnezo[k]fluoranthene ...	16.050	6356421	41.271 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.392	6066297	41.002 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.758	6136880	54.312 ug/ml
20) T Dibenz[a,h]anthracene...	17.795	6114412	40.065 ug/ml
21) T Benzo[g,h,i]perylene ...	18.009	5814005	39.443 ug/ml

(f)=RT Delta > 1/2 Window

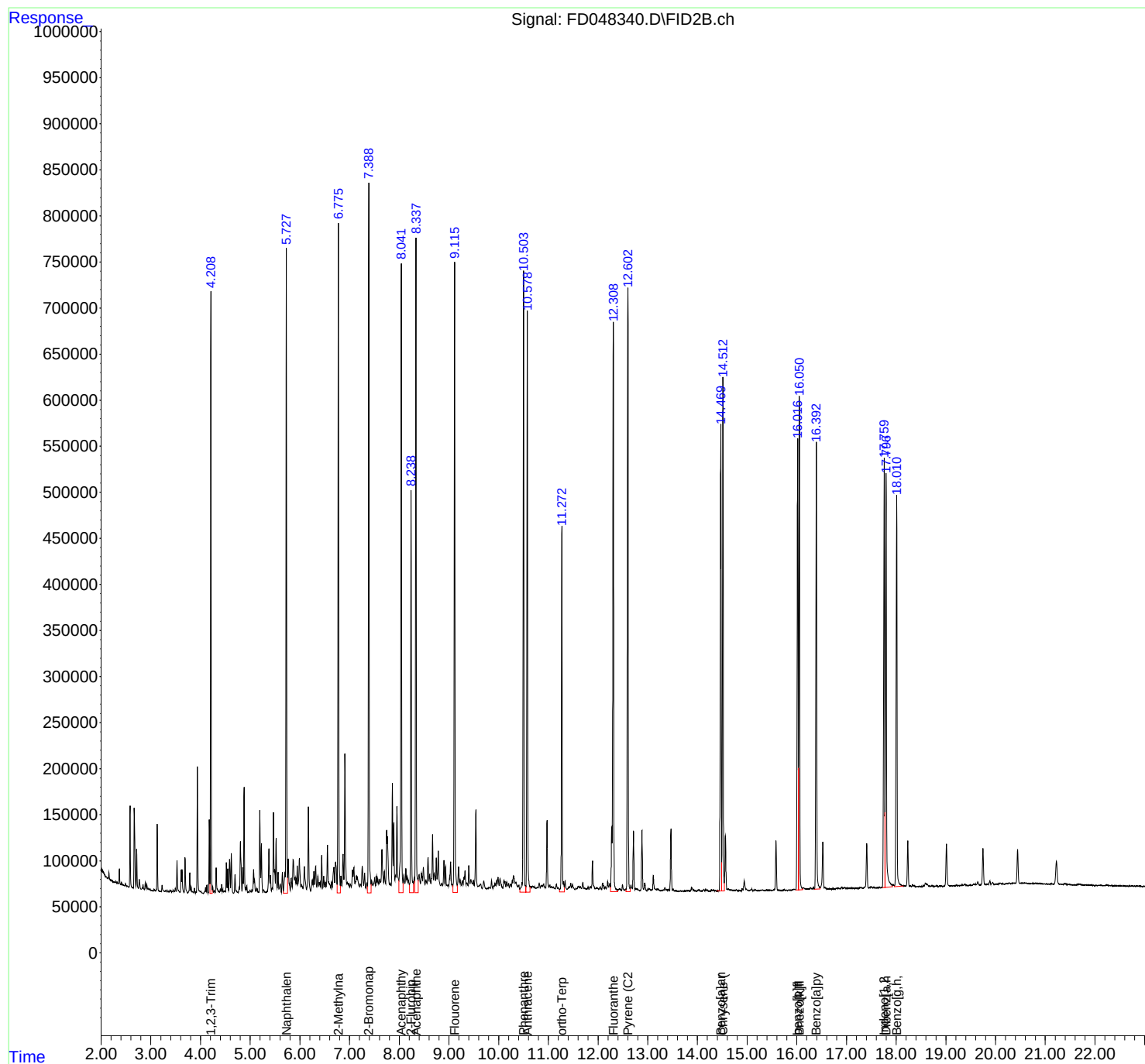
(m)=manual int.

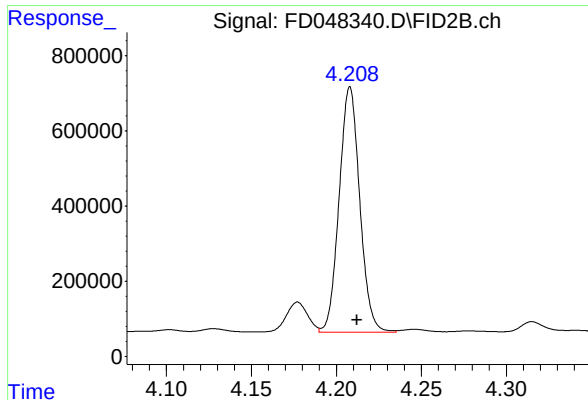
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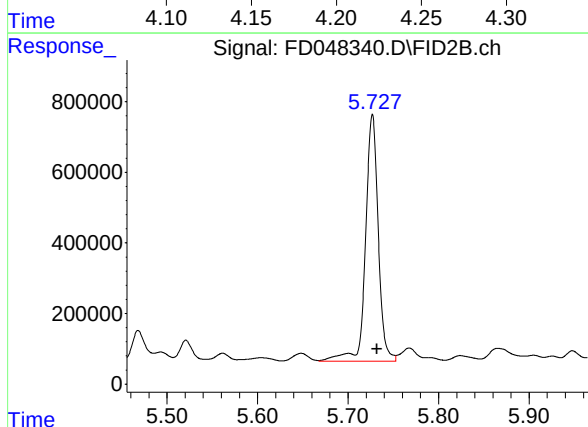




#1 1,2,3-Trimethylbenzene (C10.1)

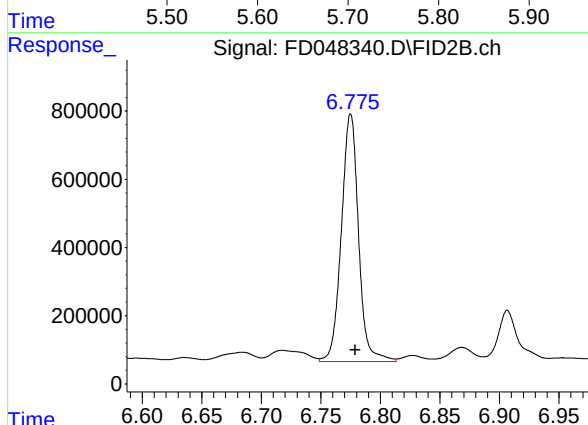
R.T.: 4.208 min
Delta R.T.: -0.004 min
Response: 5502793
Conc: 31.19 ug/ml

Instrument :
FID_D
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WC-23MSD



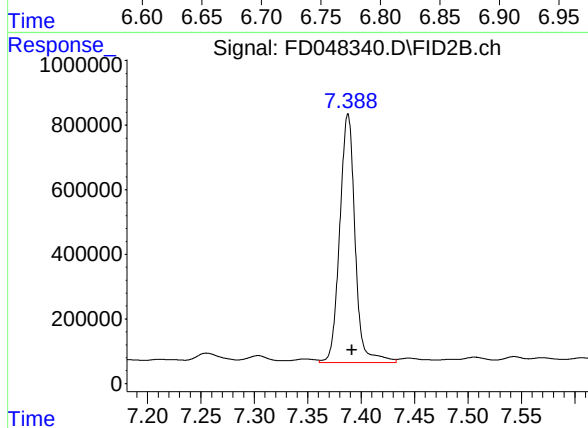
#2 Naphthalene (C11.7)

R.T.: 5.727 min
Delta R.T.: -0.005 min
Response: 6861084
Conc: 37.94 ug/ml



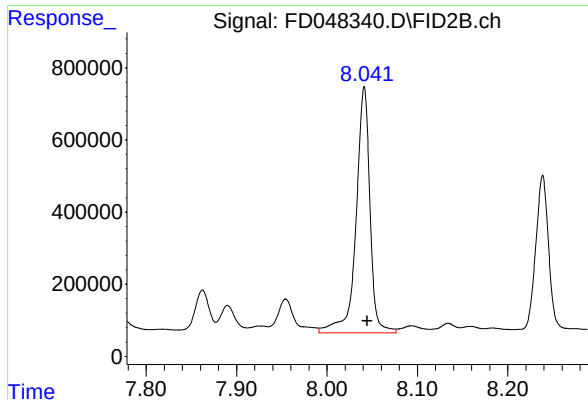
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.775 min
Delta R.T.: -0.004 min
Response: 7317962
Conc: 40.90 ug/ml



#4 2-Bromonaphthalene (SURR)

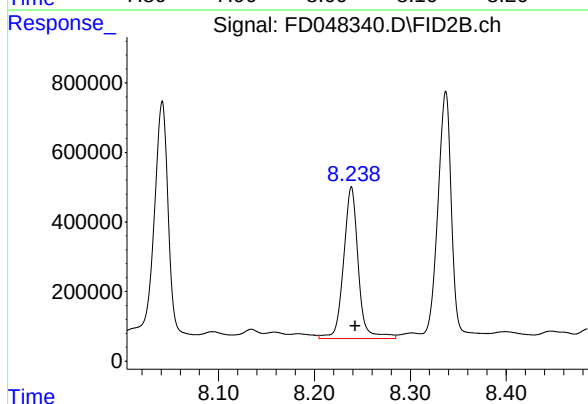
R.T.: 7.388 min
Delta R.T.: -0.004 min
Response: 7703234
Conc: 50.79 ug/ml



#5 Acenaphthylene (C15.06)

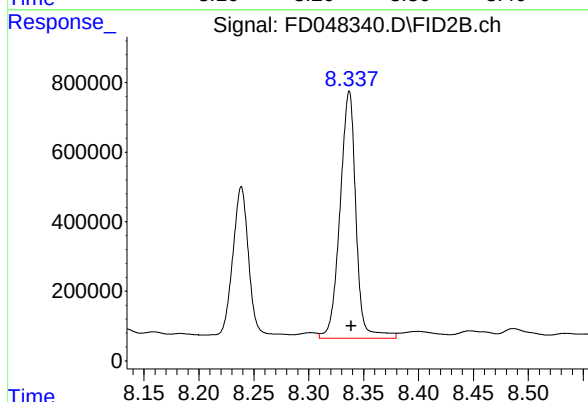
R.T.: 8.041 min
Delta R.T.: -0.004 min
Response: 7308014
Conc: 41.83 ug/ml

Instrument :
FID_D
ClientSampleId :
WC-23MSD



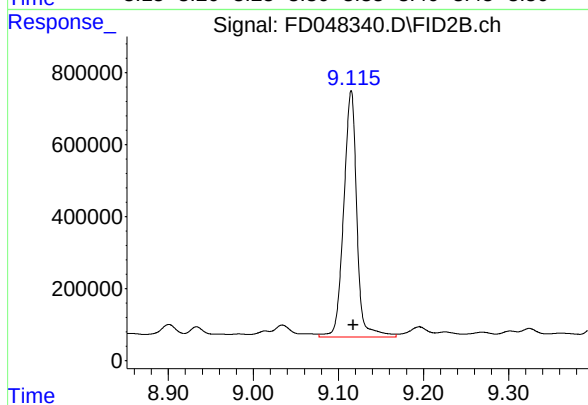
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.239 min
Delta R.T.: -0.004 min
Response: 4615649
Conc: 48.31 ug/ml



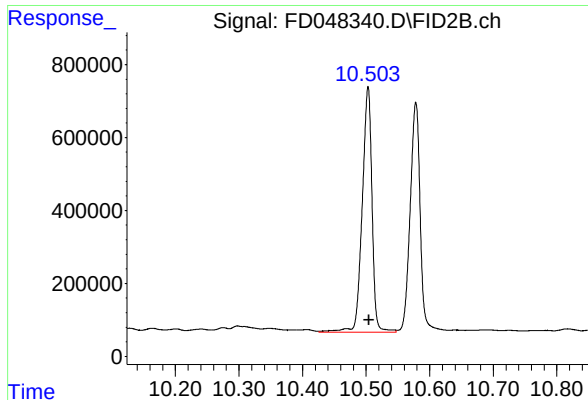
#7 Acenaphthene (C15.5)

R.T.: 8.337 min
Delta R.T.: -0.002 min
Response: 7148845
Conc: 40.20 ug/ml



#8 Flouorene (C16.55)

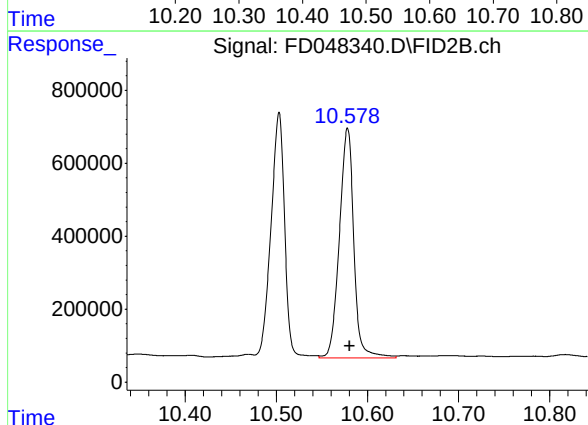
R.T.: 9.115 min
Delta R.T.: -0.003 min
Response: 7339505
Conc: 43.83 ug/ml



#9 Phenanthrene (C19.36)

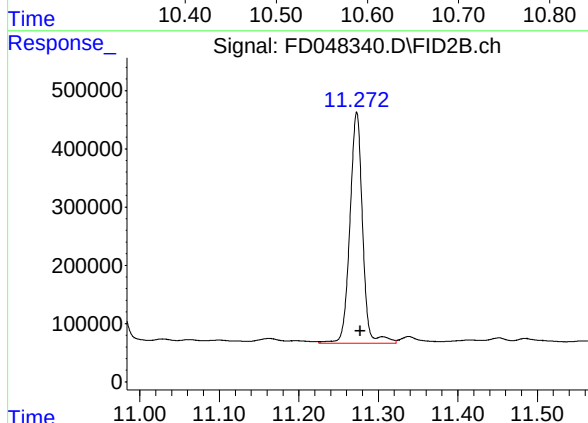
R.T.: 10.503 min
Delta R.T.: -0.002 min
Response: 7249315
Conc: 44.90 ug/ml

Instrument :
FID_D
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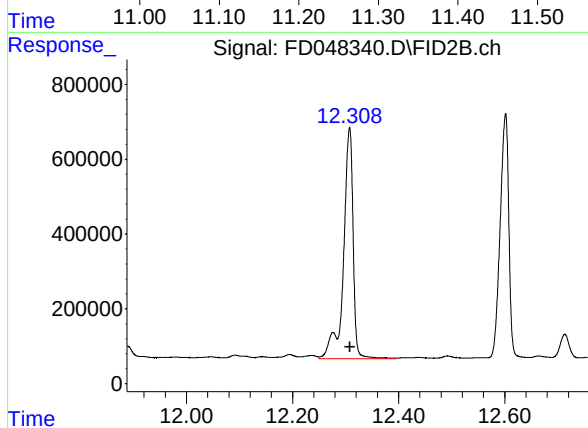
#10 Anthracene (C19.43)

R.T.: 10.578 min
Delta R.T.: -0.002 min
Response: 6959258
Conc: 43.73 ug/ml



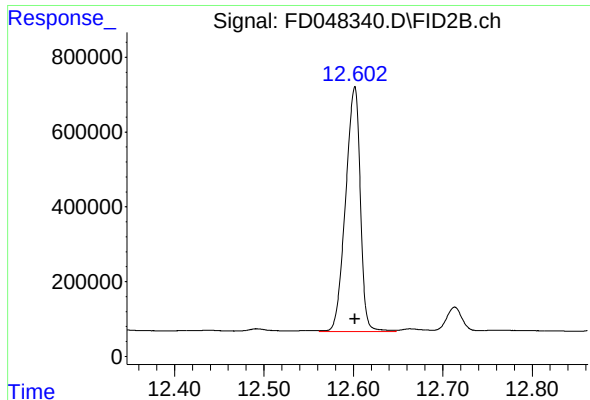
#11 ortho-Terphenyl (SURRE)

R.T.: 11.273 min
Delta R.T.: -0.005 min
Response: 4398624
Conc: 25.64 ug/ml



#12 Fluoranthene (C21.85)

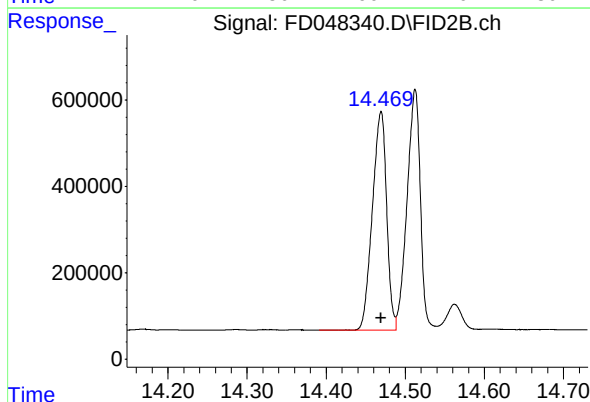
R.T.: 12.307 min
Delta R.T.: -0.002 min
Response: 7858273
Conc: 48.47 ug/ml



#13 Pyrene (C20.8)

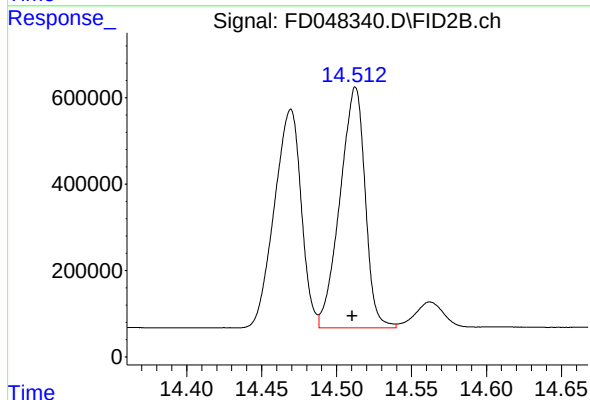
R.T.: 12.601 min
Delta R.T.: 0.000 min
Response: 7509167
Conc: 46.83 ug/ml

Instrument :
FID_D
ClientSampleId :
WC-23MSD



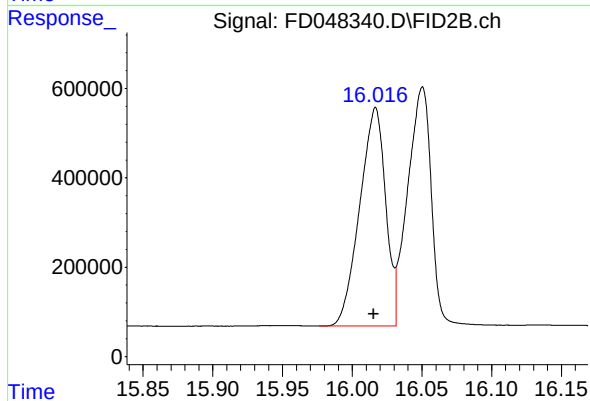
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.469 min
Delta R.T.: 0.000 min
Response: 6325779
Conc: 45.16 ug/ml



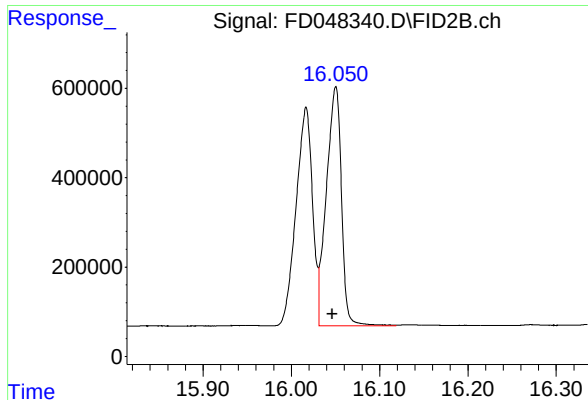
#15 Chrysene (C27.41)

R.T.: 14.512 min
Delta R.T.: 0.002 min
Response: 6515643
Conc: 39.56 ug/ml



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

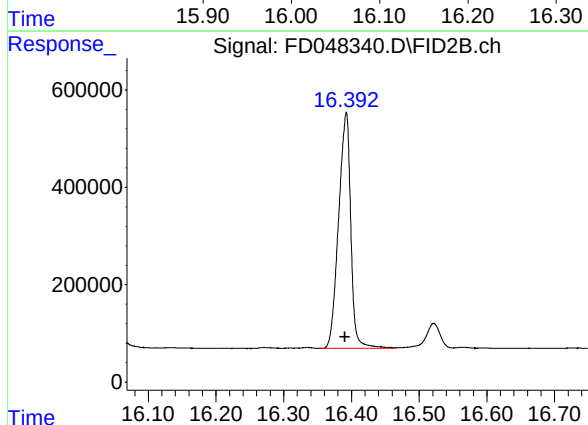
R.T.: 16.016 min
Delta R.T.: 0.001 min
Response: 6329838
Conc: 42.60 ug/ml



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

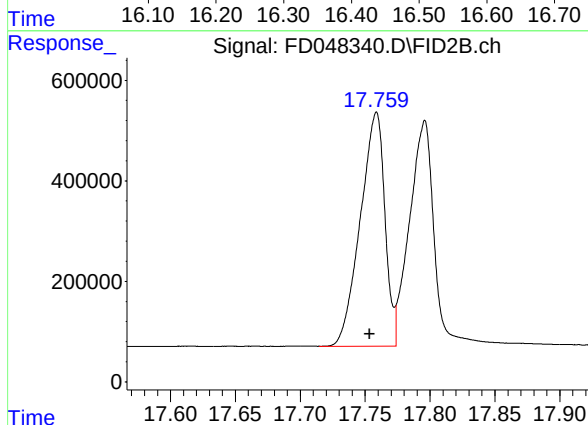
R.T.: 16.050 min
Delta R.T.: 0.004 min
Response: 6356421
Conc: 41.27 ug/ml

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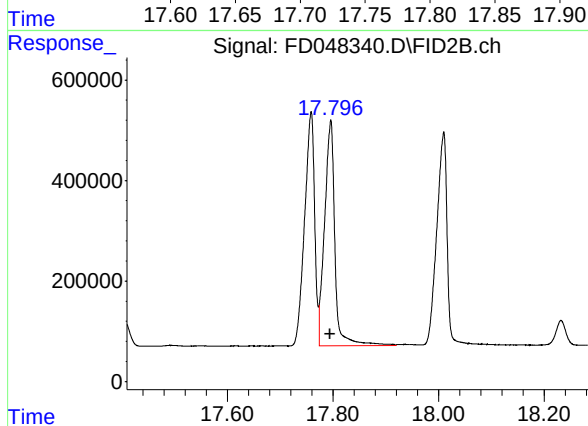
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.392 min
Delta R.T.: 0.001 min
Response: 6066297
Conc: 41.00 ug/ml



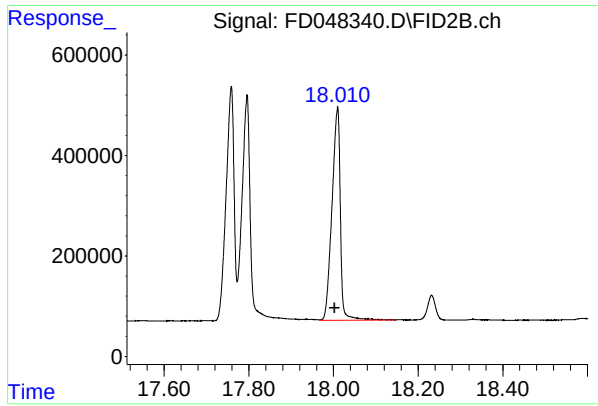
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.758 min
Delta R.T.: 0.005 min
Response: 6136880
Conc: 54.31 ug/ml



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

R.T.: 17.795 min
Delta R.T.: 0.000 min
Response: 6114412
Conc: 40.07 ug/ml



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

R.T.: 18.009 min

Delta R.T.: 0.006 min

Response: 5814005

Conc: 39.44 ug/ml

Instrument :

FID_D

ClientSampleId :

WC-23MSD