

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091924AR\
 Data File : FD048339.D
 Signal(s) : FID2B.ch
 Acq On : 19 Sep 2024 23:47
 Operator : YP/AJ
 Sample : P4103-16MS
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 WC-23MS

Integration File: autoint1.e
 Quant Time: Sep 20 05:21:37 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	7575388	49.949 ug/ml
Spiked Amount 50.000		Recovery =	99.90%
6) S 2-Fluorobiphenyl (SURR)	8.238	4523269	47.340 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	94.68%
11) S ortho-Terphenyl (SURR)	11.273	4189262	24.417 ug/ml
Spiked Amount 50.000		Recovery =	48.83%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.208	5431990	30.792 ug/ml
2) T Naphthalene (C11.7)	5.727	6755337	37.356 ug/ml
3) T 2-Methylnaphthalene (...)	6.775	7209669	40.298 ug/ml
5) T Acenaphthylene (C15.06)	8.041	7190165	41.154 ug/ml
7) T Acenaphthene (C15.5)	8.337	7057649	39.682 ug/ml
8) T Fluorene (C16.55)	9.115	7219433	43.114 ug/ml
9) T Phenanthrene (C19.36)	10.503	7111509	44.049 ug/ml
10) T Anthracene (C19.43)	10.578	6893305	43.319 ug/ml
12) T Fluoranthene (C21.85)	12.307	7703952	47.522 ug/ml
13) T Pyrene (C20.8)	12.601	7410612	46.219 ug/ml
14) T Benzo[a]anthracene (C...	14.469	6203113	44.283 ug/ml
15) T Chrysene (C27.41)	14.511	6386353	38.772 ug/ml
16) T benzo[b]fluoranthene ...	16.016	6218293	41.852 ug/ml
17) T Bnezo[k]fluoranthene ...	16.050	6302860	40.924 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.391	5983389	40.441 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.757	5889114	52.119 ug/ml
20) T Dibenz[a,h]anthracene...	17.794	5938078	38.910 ug/ml
21) T Benzo[g,h,i]perylene ...	18.008	5638203	38.250 ug/ml

(f)=RT Delta > 1/2 Window

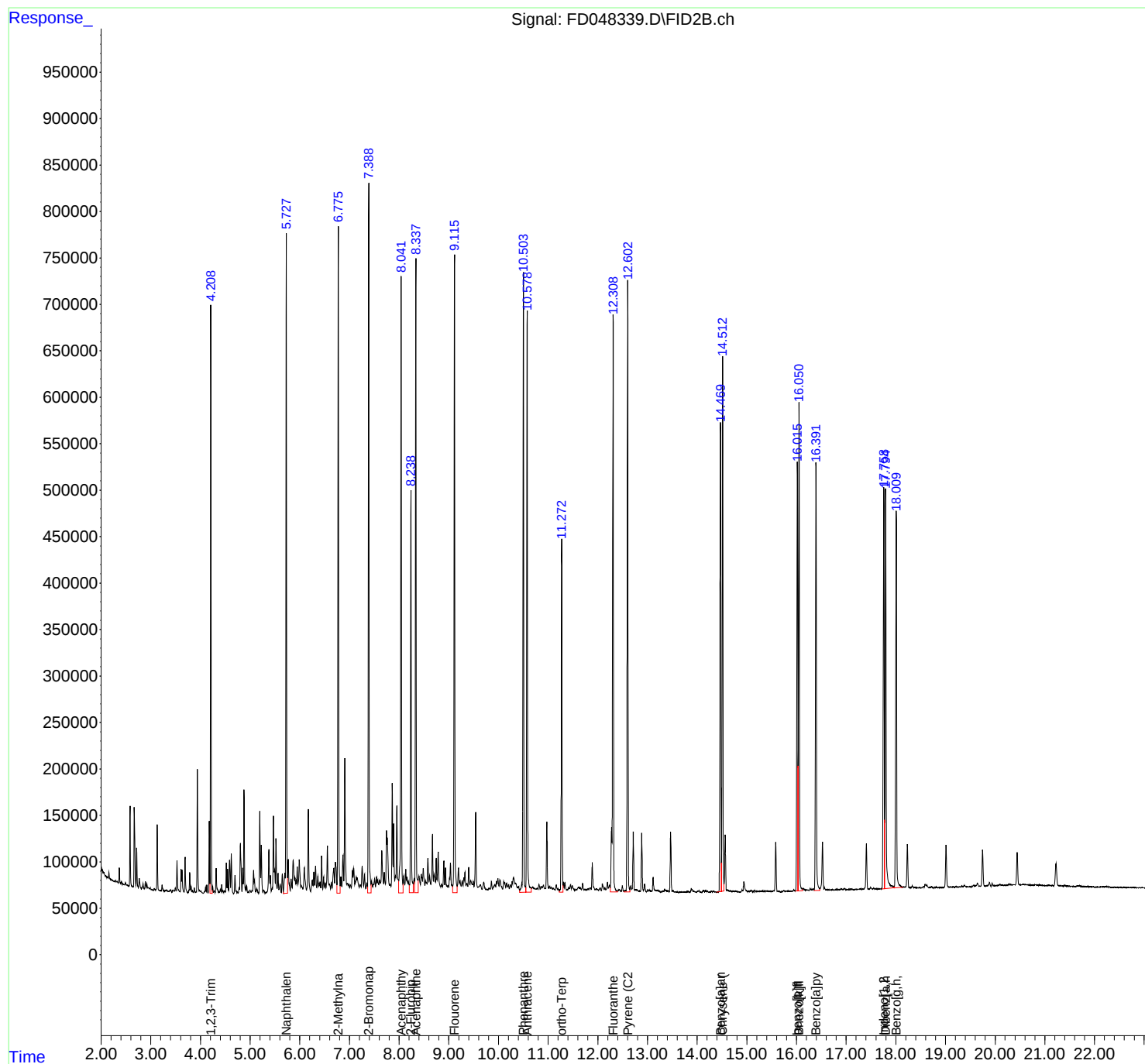
(m)=manual int.

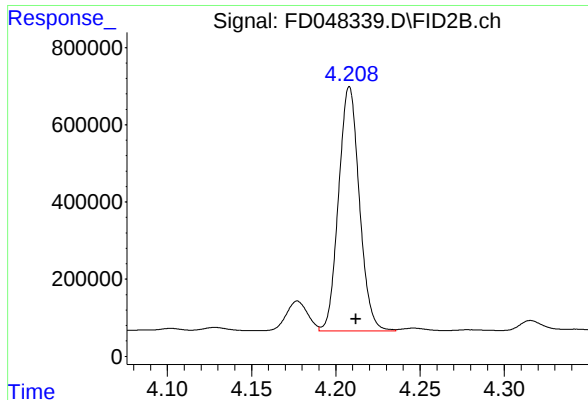
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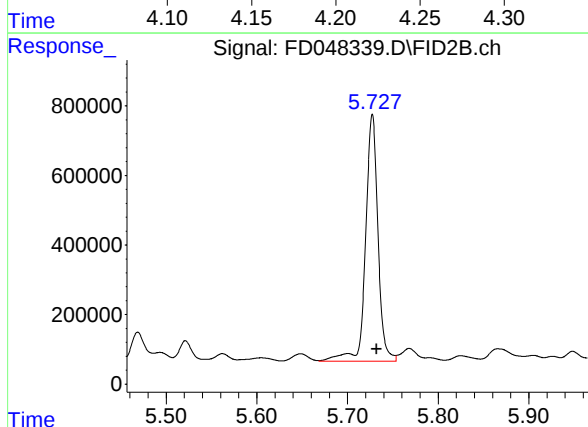




#1 1,2,3-Trimethylbenzene (C10.1)

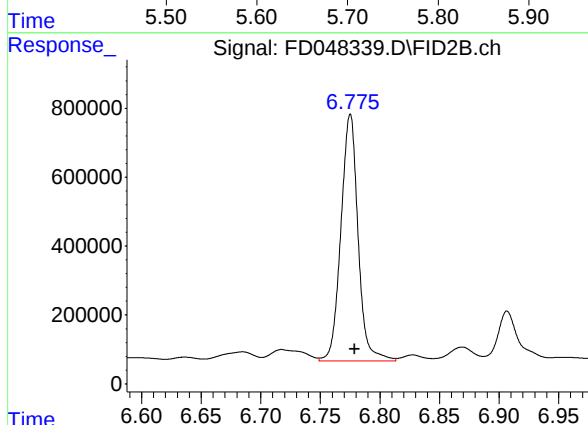
R.T.: 4.208 min
Delta R.T.: -0.004 min
Response: 5431990
Conc: 30.79 ug/ml

Instrument :
FID_D
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WC-23MS



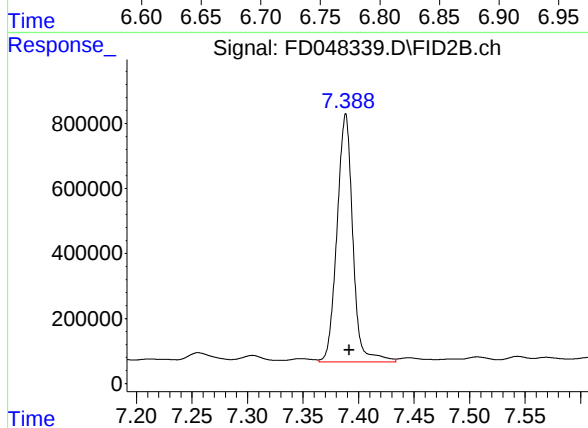
#2 Naphthalene (C11.7)

R.T.: 5.727 min
Delta R.T.: -0.005 min
Response: 6755337
Conc: 37.36 ug/ml



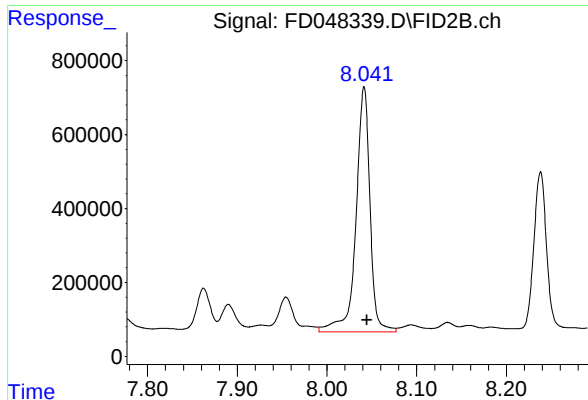
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.775 min
Delta R.T.: -0.004 min
Response: 7209669
Conc: 40.30 ug/ml



#4 2-Bromonaphthalene (SURR)

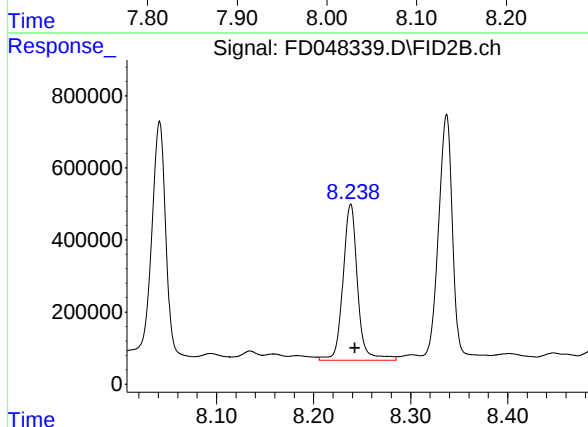
R.T.: 7.388 min
Delta R.T.: -0.004 min
Response: 7575388
Conc: 49.95 ug/ml



#5 Acenaphthylene (C15.06)

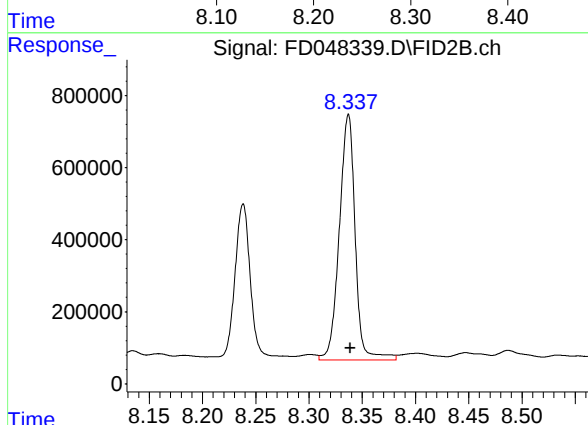
R.T.: 8.041 min
Delta R.T.: -0.003 min
Response: 7190165
Conc: 41.15 ug/ml

Instrument :
FID_D
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WC-23MS



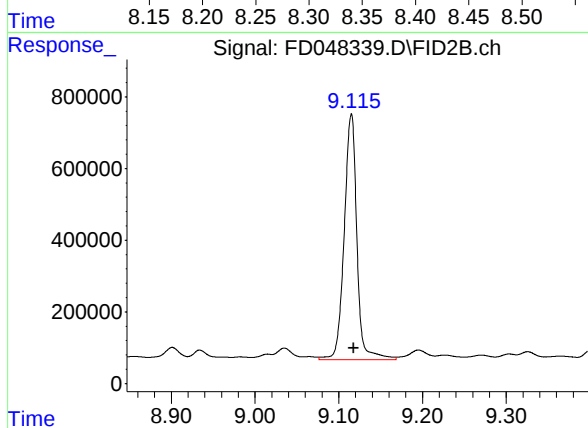
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.238 min
Delta R.T.: -0.005 min
Response: 4523269
Conc: 47.34 ug/ml



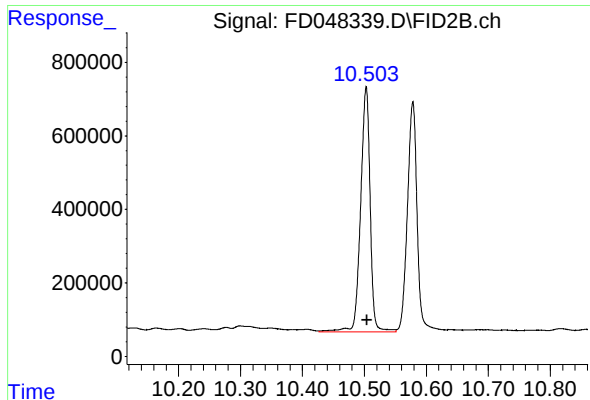
#7 Acenaphthene (C15.5)

R.T.: 8.337 min
Delta R.T.: -0.002 min
Response: 7057649
Conc: 39.68 ug/ml



#8 Flouorene (C16.55)

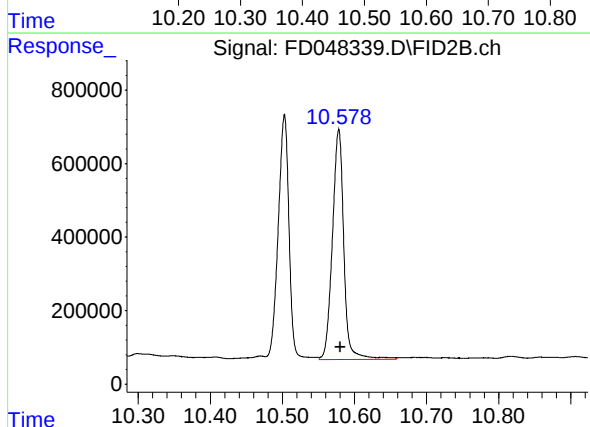
R.T.: 9.115 min
Delta R.T.: -0.003 min
Response: 7219433
Conc: 43.11 ug/ml



#9 Phenanthrene (C19.36)

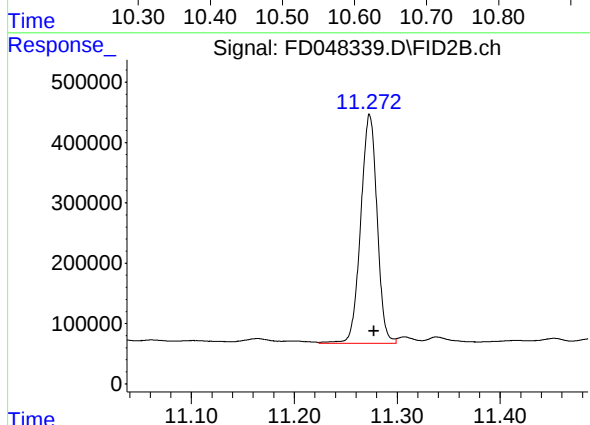
R.T.: 10.503 min
Delta R.T.: -0.002 min
Response: 7111509
Conc: 44.05 ug/ml

Instrument :
FID_D
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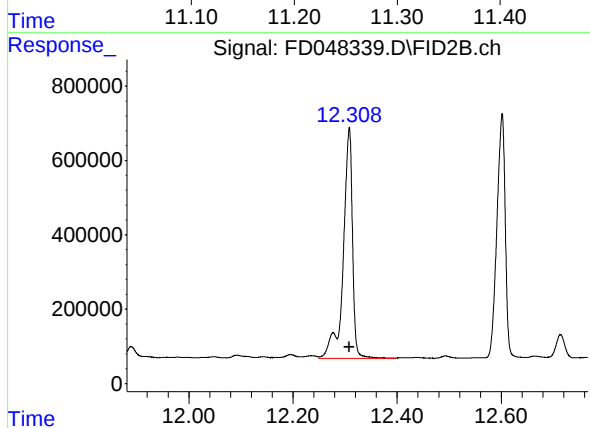
#10 Anthracene (C19.43)

R.T.: 10.578 min
Delta R.T.: -0.002 min
Response: 6893305
Conc: 43.32 ug/ml



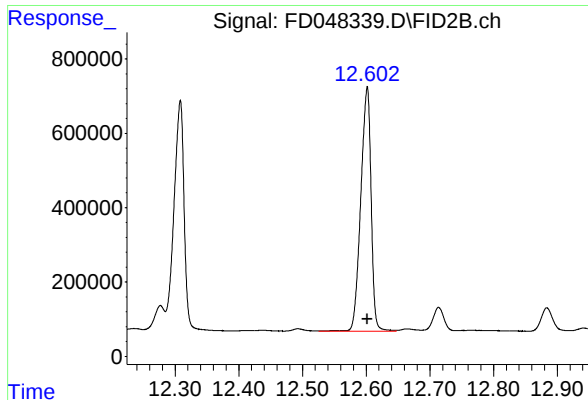
#11 ortho-Terphenyl (SURR)

R.T.: 11.273 min
Delta R.T.: -0.004 min
Response: 4189262
Conc: 24.42 ug/ml



#12 Fluoranthene (C21.85)

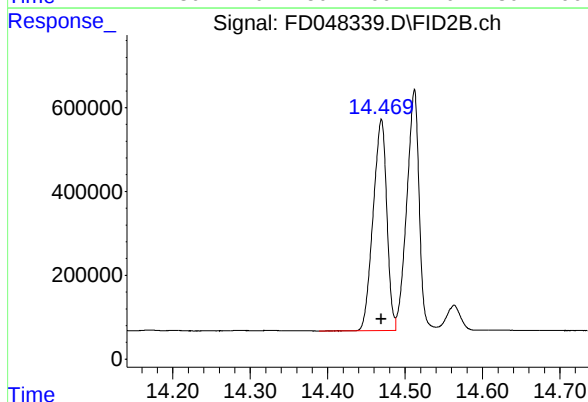
R.T.: 12.307 min
Delta R.T.: -0.001 min
Response: 7703952
Conc: 47.52 ug/ml



#13 Pyrene (C20.8)

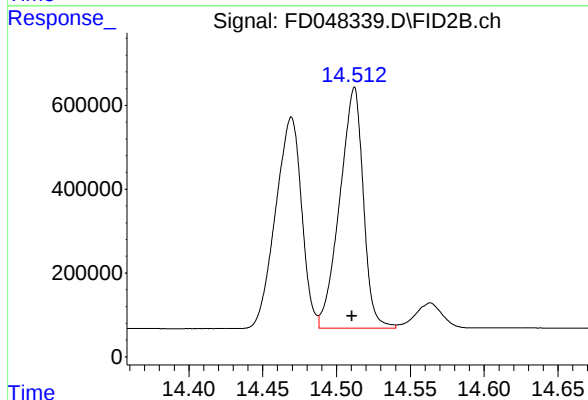
R.T.: 12.601 min
Delta R.T.: 0.000 min
Response: 7410612
Conc: 46.22 ug/ml

Instrument :
FID_D
ClientSampleId :
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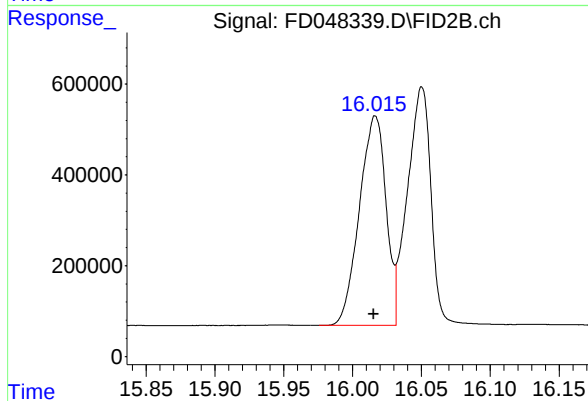
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.469 min
Delta R.T.: 0.000 min
Response: 6203113
Conc: 44.28 ug/ml



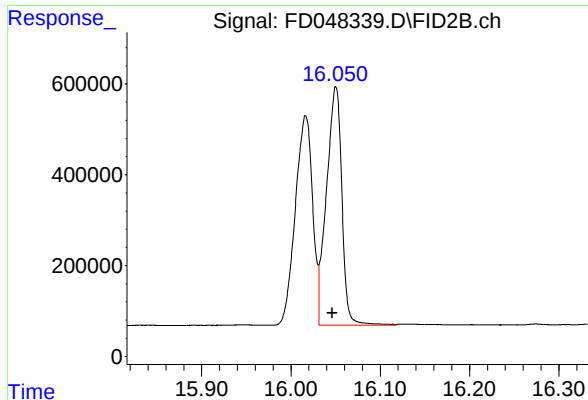
#15 Chrysene (C27.41)

R.T.: 14.511 min
Delta R.T.: 0.000 min
Response: 6386353
Conc: 38.77 ug/ml



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

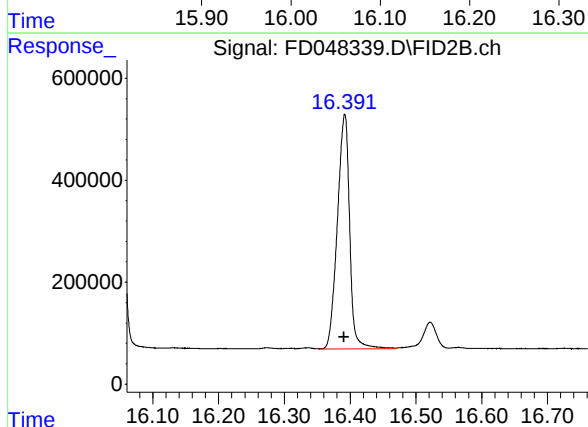
R.T.: 16.016 min
Delta R.T.: 0.000 min
Response: 6218293
Conc: 41.85 ug/ml



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

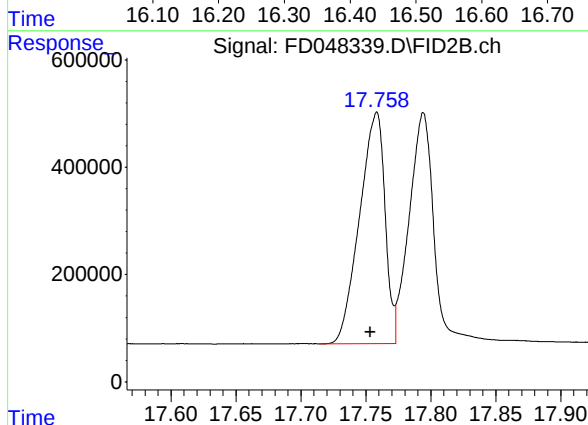
R.T.: 16.050 min
Delta R.T.: 0.004 min
Response: 6302860
Conc: 40.92 ug/ml

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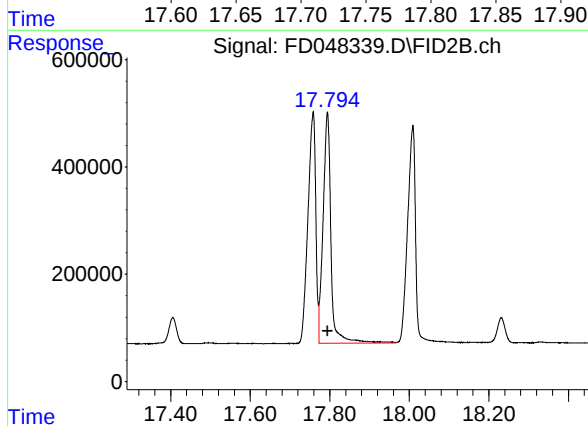
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.391 min
Delta R.T.: 0.000 min
Response: 5983389
Conc: 40.44 ug/ml



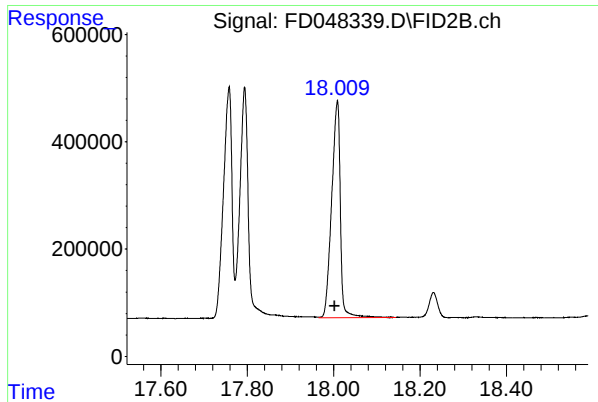
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.757 min
Delta R.T.: 0.004 min
Response: 5889114
Conc: 52.12 ug/ml



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

R.T.: 17.794 min
Delta R.T.: 0.000 min
Response: 5938078
Conc: 38.91 ug/ml



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

R.T.: 18.008 min

Delta R.T.: 0.005 min

Response: 5638203

Conc: 38.25 ug/ml

Instrument :

FID_D

ClientSampleId :

WC-23MS