

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080323AR\
 Data File : FD046261.D
 Signal(s) : FID2B.ch
 Acq On : 03 Aug 2023 16:13
 Operator : YP/AJ
 Sample : 03756-20MS
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 307/308-TP-6-8-CS3MS

Integration File: autoint1.e
 Quant Time: Aug 04 06:10:02 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071923.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 20 03:07:14 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...	7.506	9875367	66.065 ug/ml
Spiked Amount 50.000		Recovery =	132.13%
6) S 2-Fluorobiphenyl (SURR)	8.361	5992120	64.010 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	128.02%
11) S ortho-Terphenyl (SURR)	11.401	10535829	60.329 ug/ml
Spiked Amount 50.000		Recovery =	120.66%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.318	7748625	42.529 ug/ml
2) T Naphthalene (C11.7)	5.844	8781667	48.621 ug/ml
3) T 2-Methylnaphthalene (...)	6.893	9020696	51.253 ug/ml
5) T Acenaphthylene (C15.06)	8.165	9240590	60.564 ug/ml
7) T Acenaphthene (C15.5)	8.461	9268032	56.838 ug/ml
8) T Fluorene (C16.55)	9.239	9141618	60.079 ug/ml
9) T Phenanthrene (C19.36)	10.629	8769692	60.902 ug/ml
10) T Anthracene (C19.43)	10.704	8367639	63.938 ug/ml
12) T Fluoranthene (C21.85)	12.434	8416375	60.232 ug/ml
13) T Pyrene (C20.8)	12.729	8454345	61.000 ug/ml
14) T Benzo[a]anthracene (C...	14.593	7945115	60.530 ug/ml
15) T Chrysene (C27.41)	14.637	7876456	55.861 ug/ml
16) T benzo[b]fluoranthene ...	16.136	7974725	58.310 ug/ml
17) T Bnezo[k]fluoranthene ...	16.171	7850394	57.273 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.512	7501744	57.622 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.870	7209877	59.946 ug/ml
20) T Dibenz[a,h]anthracene...	17.911	7023463	54.916 ug/ml
21) T Benzo[g,h,i]perylene ...	18.126	6949633	54.778 ug/ml

(f)=RT Delta > 1/2 Window

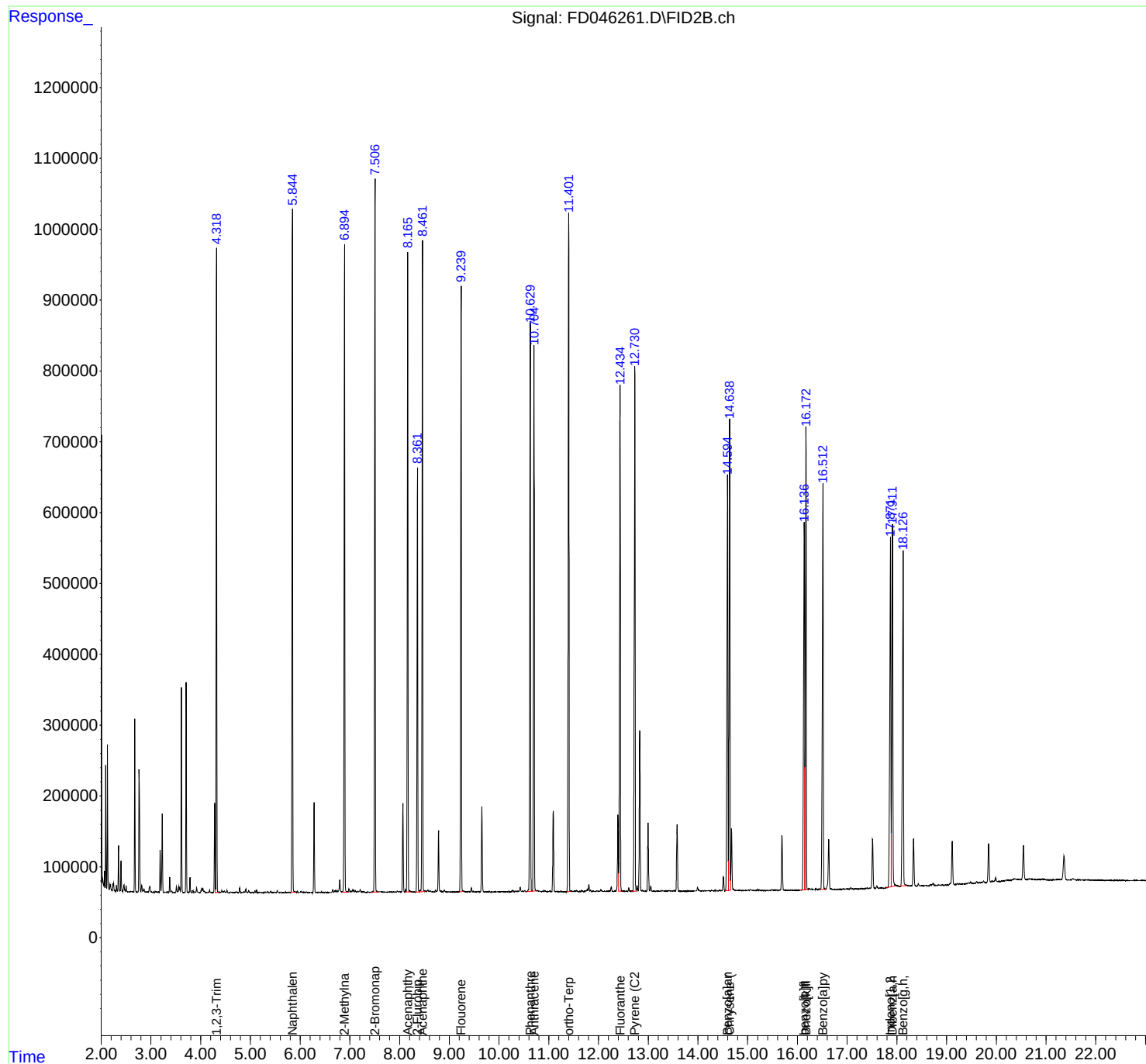
(m)=manual int.

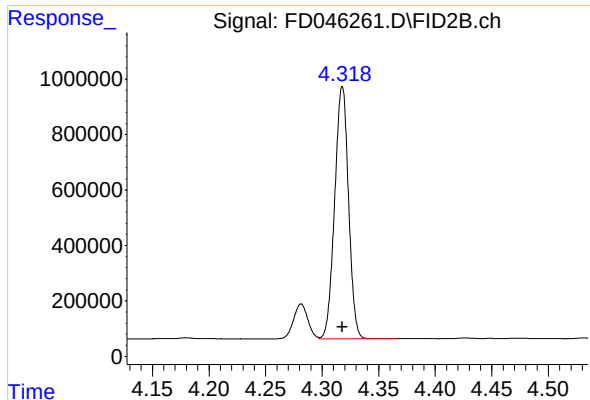
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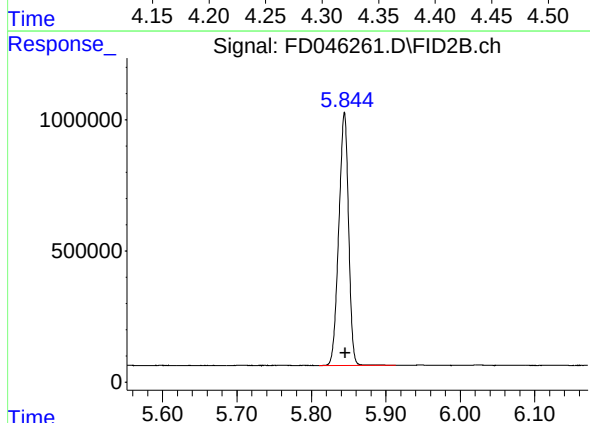




#1 1,2,3-Trimethylbenzene (C10.1)

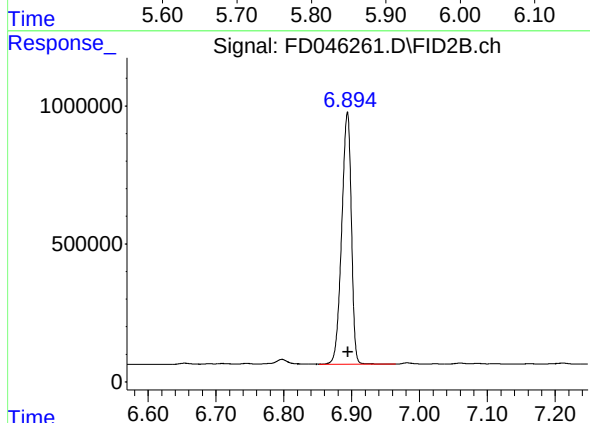
R.T.: 4.318 min
Delta R.T.: 0.000 min
Response: 7748625
Conc: 42.53 ug/ml

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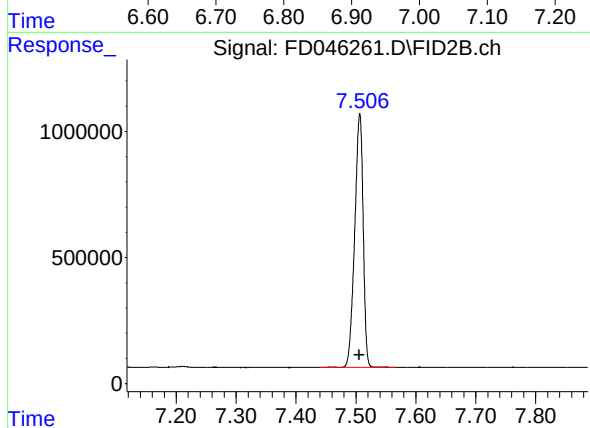
#2 Naphthalene (C11.7)

R.T.: 5.844 min
Delta R.T.: -0.002 min
Response: 8781667
Conc: 48.62 ug/ml



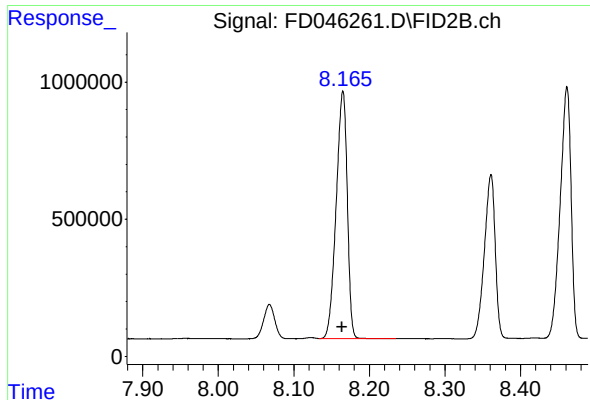
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.893 min
Delta R.T.: 0.000 min
Response: 9020696
Conc: 51.25 ug/ml



#4 2-Bromonaphthalene (SURR)

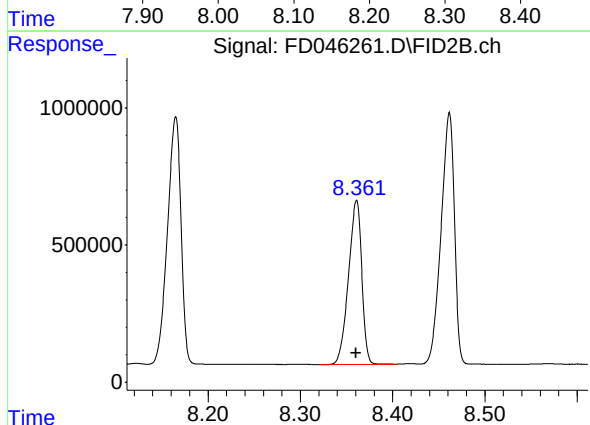
R.T.: 7.506 min
Delta R.T.: 0.000 min
Response: 9875367
Conc: 66.07 ug/ml



#5 Acenaphthylene (C15.06)

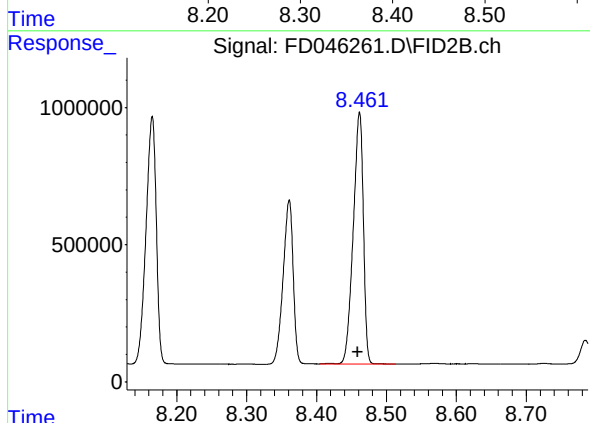
R.T.: 8.165 min
Delta R.T.: 0.000 min
Response: 9240590
Conc: 60.56 ug/ml

Instrument :
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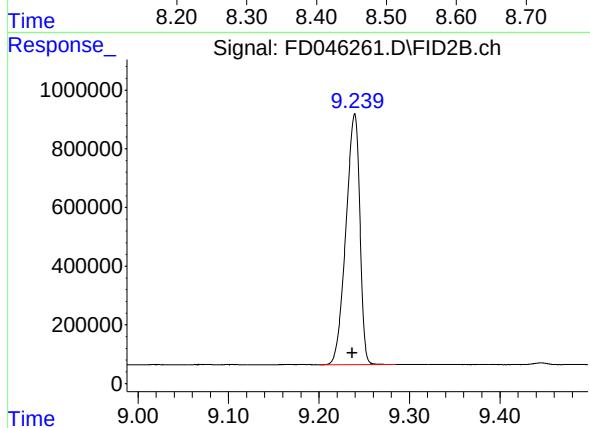
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.361 min
Delta R.T.: 0.000 min
Response: 5992120
Conc: 64.01 ug/ml



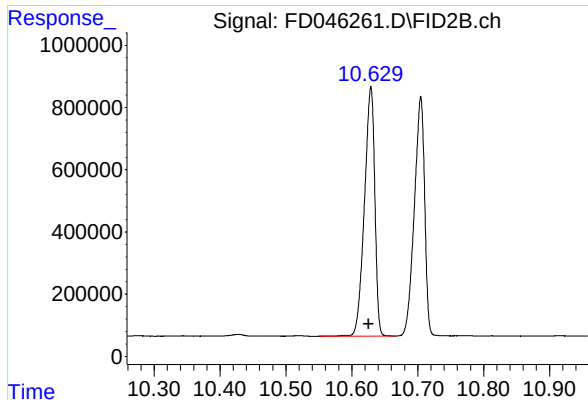
#7 Acenaphthene (C15.5)

R.T.: 8.461 min
Delta R.T.: 0.003 min
Response: 9268032
Conc: 56.84 ug/ml



#8 Flouorene (C16.55)

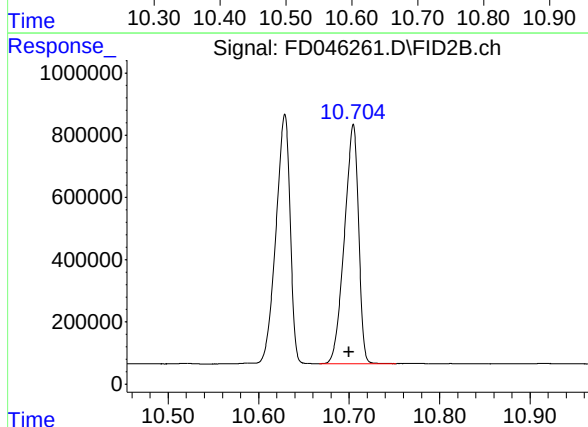
R.T.: 9.239 min
Delta R.T.: 0.002 min
Response: 9141618
Conc: 60.08 ug/ml



#9 Phenanthrene (C19.36)

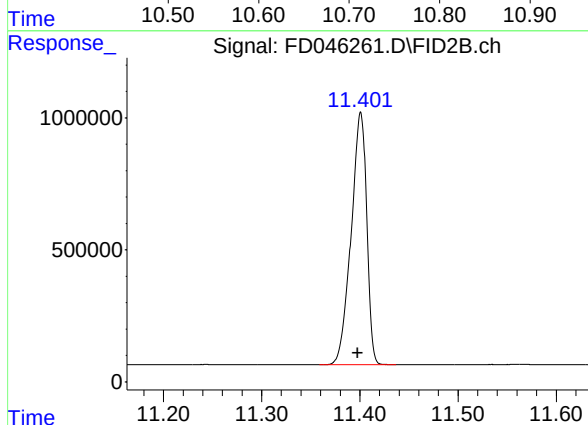
R.T.: 10.629 min
Delta R.T.: 0.003 min
Response: 8769692
Conc: 60.90 ug/ml

Instrument :
FID_D
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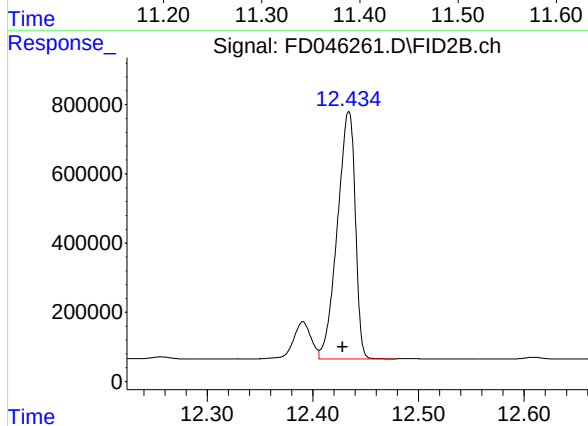
#10 Anthracene (C19.43)

R.T.: 10.704 min
Delta R.T.: 0.005 min
Response: 8367639
Conc: 63.94 ug/ml



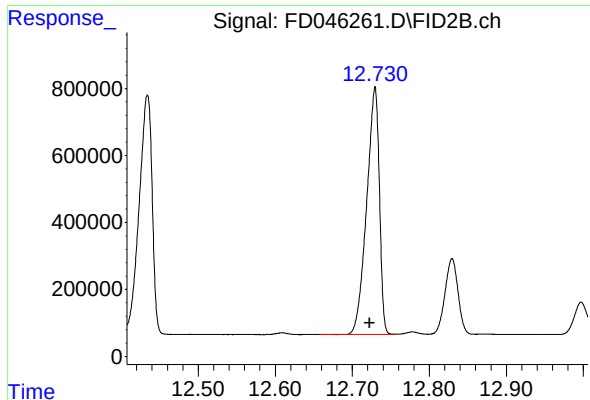
#11 ortho-Terphenyl (SURRE)

R.T.: 11.401 min
Delta R.T.: 0.003 min
Response: 10535829
Conc: 60.33 ug/ml



#12 Fluoranthene (C21.85)

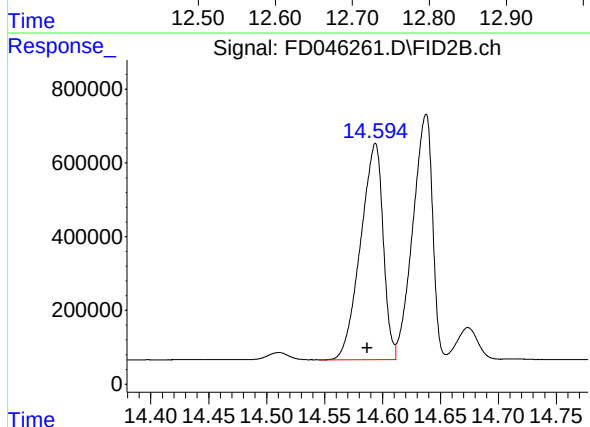
R.T.: 12.434 min
Delta R.T.: 0.005 min
Response: 8416375
Conc: 60.23 ug/ml



#13 Pyrene (C20.8)

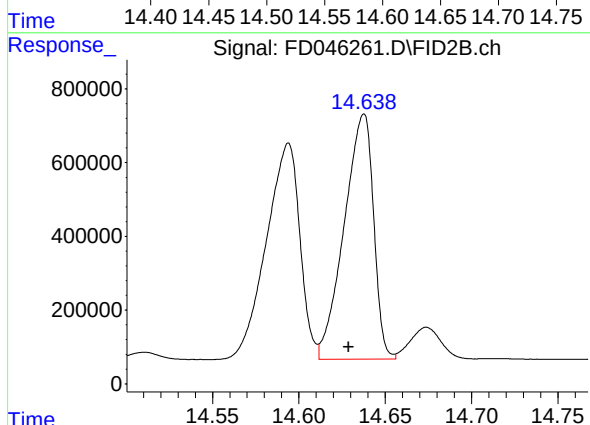
R.T.: 12.729 min
Delta R.T.: 0.007 min
Response: 8454345
Conc: 61.00 ug/ml

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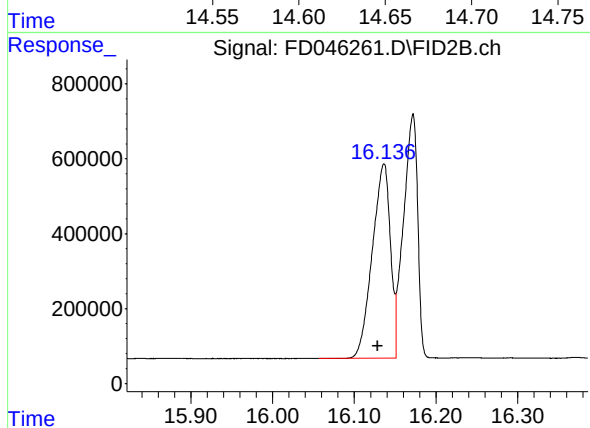
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.593 min
Delta R.T.: 0.006 min
Response: 7945115
Conc: 60.53 ug/ml



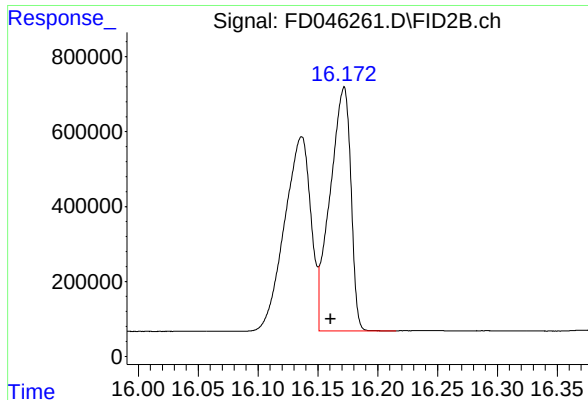
#15 Chrysene (C27.41)

R.T.: 14.637 min
Delta R.T.: 0.008 min
Response: 7876456
Conc: 55.86 ug/ml



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

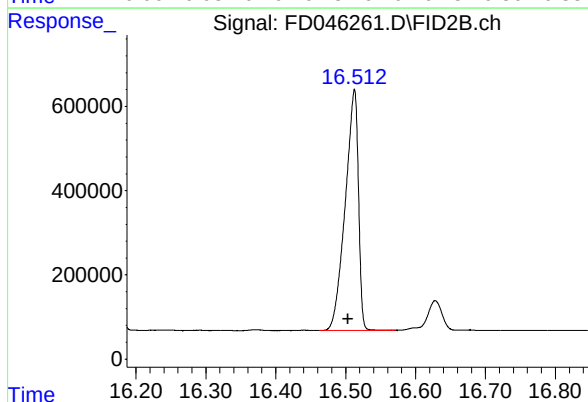
R.T.: 16.136 min
Delta R.T.: 0.007 min
Response: 7974725
Conc: 58.31 ug/ml



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

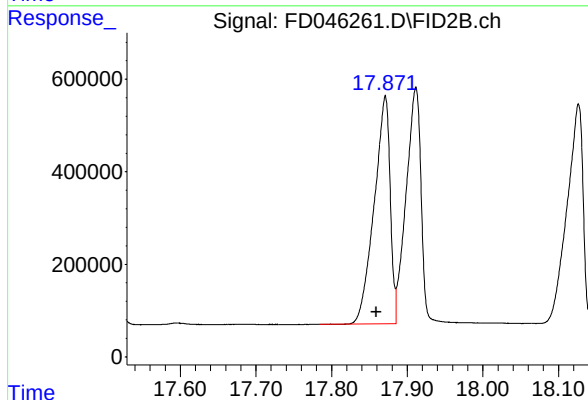
R.T.: 16.171 min
Delta R.T.: 0.010 min
Response: 7850394
Conc: 57.27 ug/ml

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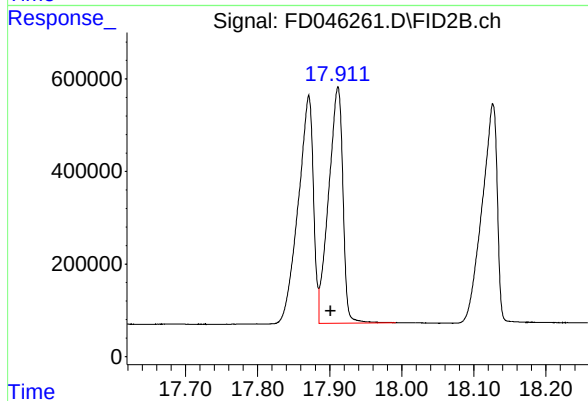
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.512 min
Delta R.T.: 0.009 min
Response: 7501744
Conc: 57.62 ug/ml



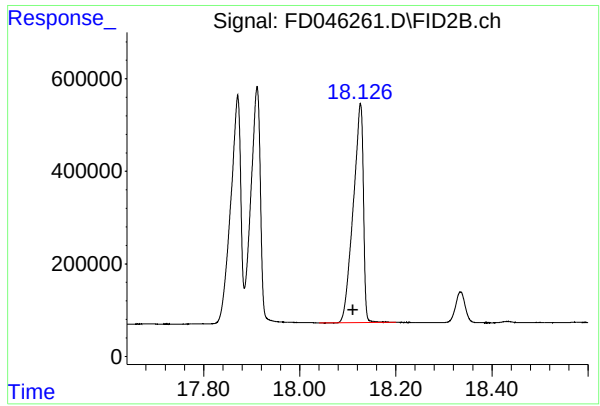
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.870 min
Delta R.T.: 0.011 min
Response: 7209877
Conc: 59.95 ug/ml



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

R.T.: 17.911 min
Delta R.T.: 0.010 min
Response: 7023463
Conc: 54.92 ug/ml



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

R.T.: 18.126 min
Delta R.T.: 0.015 min
Response: 6949633
Conc: 54.78 ug/ml

Instrument :

FID_D

ClientSampleId :

307/308-TP-6-8-CS3MS