

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042123AR\
 Data File : FD045525.D
 Signal(s) : FID2B.ch
 Acq On : 21 Apr 2023 22:49
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Apr 24 08:42:22 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 24 08:37:21 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...	7.546	2754021	19.049 ug/ml
Spiked Amount 50.000		Recovery =	38.10%
6) S 2-Fluorobiphenyl (SURR)	8.401	1776562	19.052 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.10%
11) S ortho-Terphenyl (SURR)	11.440	3400596	19.001 ug/ml
Spiked Amount 50.000		Recovery =	38.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.354	3209425	19.155 ug/ml
2) T Naphthalene (C11.7)	5.886	3272474	19.121 ug/ml
3) T 2-Methylnaphthalene (...)	6.934	3236386	19.129 ug/ml
5) T Acenaphthylene (C15.06)	8.205	2906538	19.213 ug/ml
7) T Acenaphthene (C15.5)	8.501	3093400	19.080 ug/ml
8) T Fluorene (C16.55)	9.279	2931871	19.034 ug/ml
9) T Phenanthrene (C19.36)	10.669	2814715	18.869 ug/ml
10) T Anthracene (C19.43)	10.743	2638863	20.429 ug/ml
12) T Fluoranthene (C21.85)	12.472	2757898	18.739 ug/ml
13) T Pyrene (C20.8)	12.767	2709789	18.890 ug/ml
14) T Benzo[a]anthracene (C...	14.631	2499548	19.074 ug/ml
15) T Chrysene (C27.41)	14.673	2626054	19.237 ug/ml
16) T benzo[b]fluoranthene ...	16.172	2513388	18.823 ug/ml
17) T Bnezo[k]fluoranthene ...	16.204	2499824	18.688 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.547	2394788	18.716 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.902	2094656	16.675 ug/ml
20) T Dibenz[a,h]anthracene...	17.944	2203319	16.174 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.156	2351374	17.948 ug/ml

(f)=RT Delta > 1/2 Window

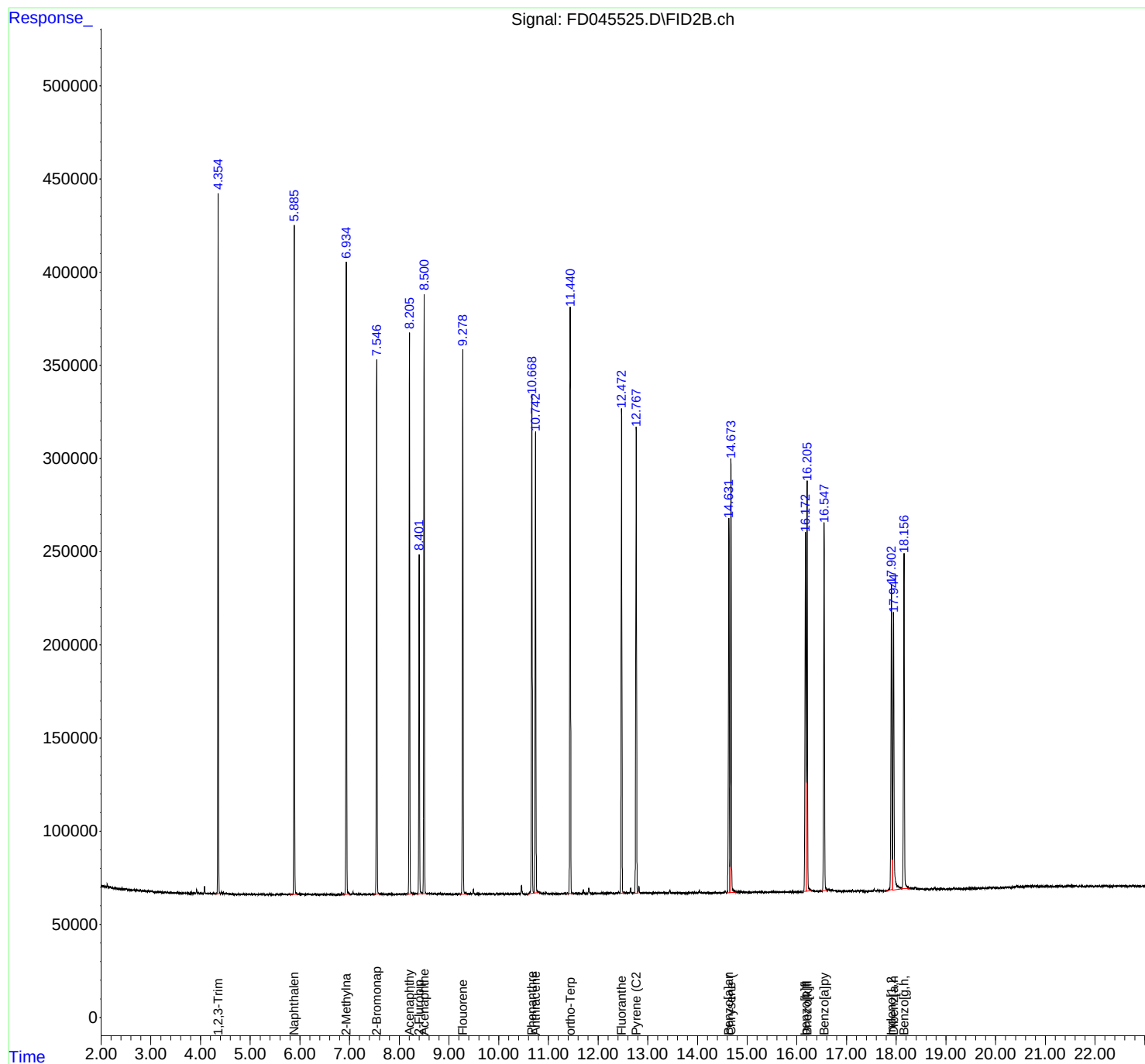
(m)=manual int.

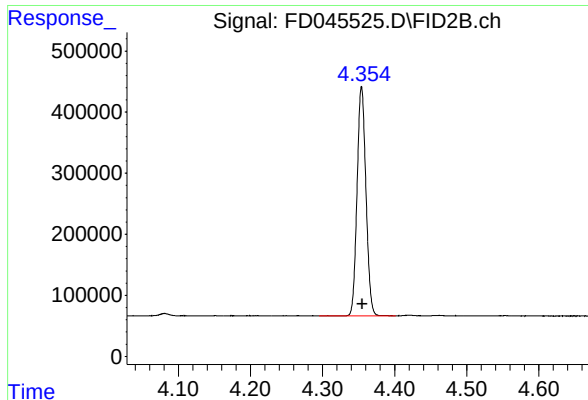
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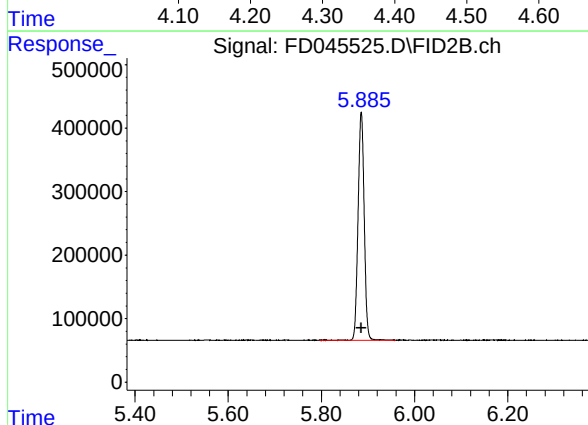




#1 1,2,3-Trimethylbenzene (C10.1)

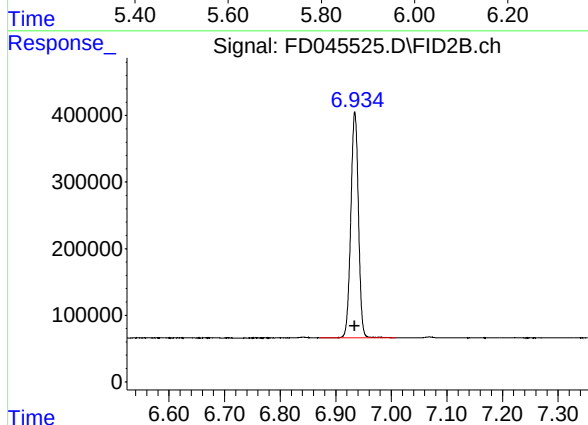
R.T.: 4.354 min
Delta R.T.: 0.000 min
Response: 3209425
Conc: 19.15 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



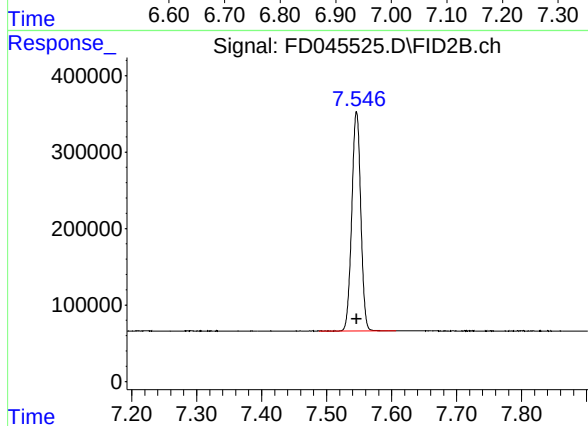
#2 Naphthalene (C11.7)

R.T.: 5.886 min
Delta R.T.: 0.000 min
Response: 3272474
Conc: 19.12 ug/ml



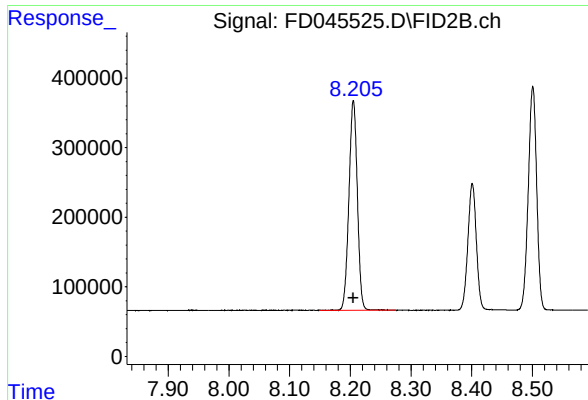
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.934 min
Delta R.T.: 0.000 min
Response: 3236386
Conc: 19.13 ug/ml



#4 2-Bromonaphthalene (SURR)

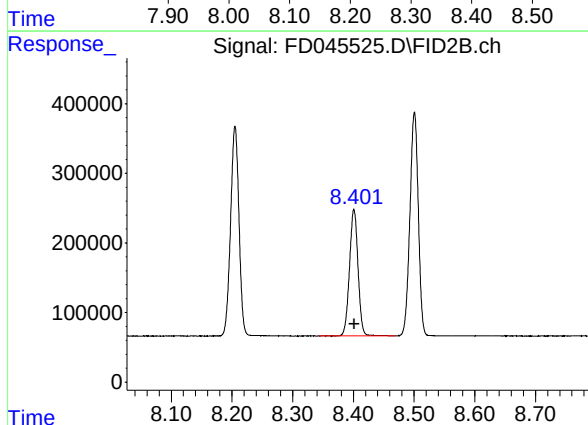
R.T.: 7.546 min
Delta R.T.: 0.000 min
Response: 2754021
Conc: 19.05 ug/ml



#5 Acenaphthylene (C15.06)

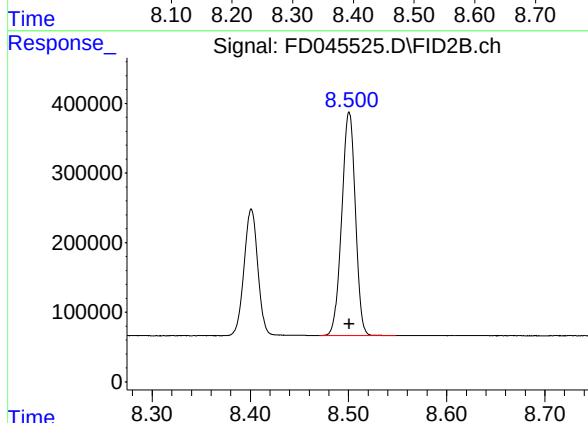
R.T.: 8.205 min
Delta R.T.: 0.000 min
Response: 2906538
Conc: 19.21 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



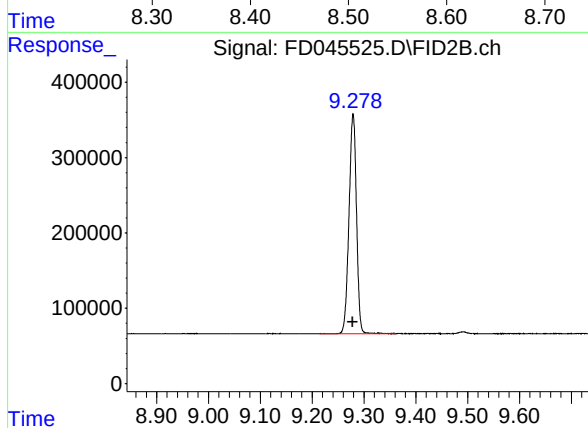
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.401 min
Delta R.T.: 0.000 min
Response: 1776562
Conc: 19.05 ug/ml



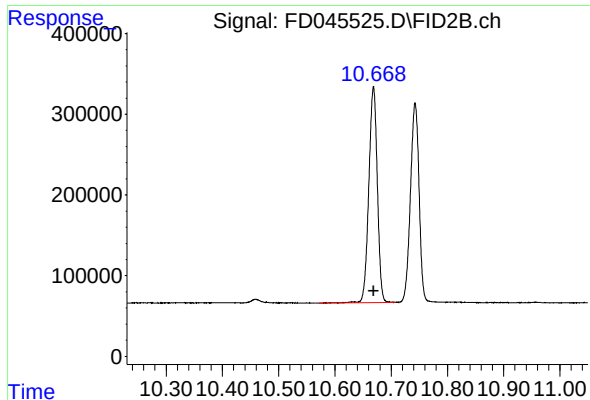
#7 Acenaphthene (C15.5)

R.T.: 8.501 min
Delta R.T.: 0.000 min
Response: 3093400
Conc: 19.08 ug/ml



#8 Flouorene (C16.55)

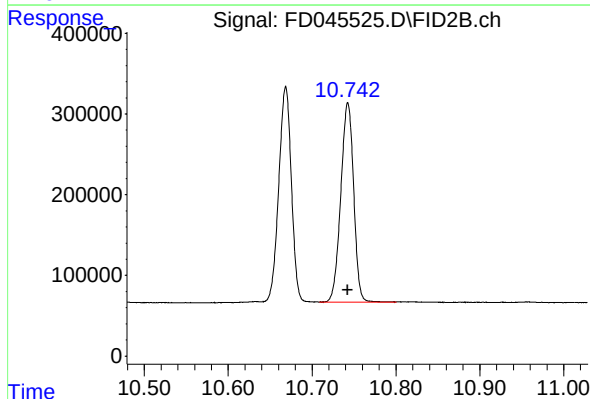
R.T.: 9.279 min
Delta R.T.: 0.000 min
Response: 2931871
Conc: 19.03 ug/ml



#9 Phenanthrene (C19.36)

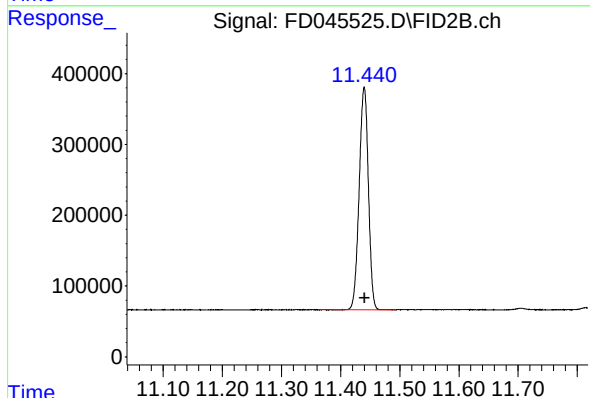
R.T.: 10.669 min
Delta R.T.: 0.000 min
Response: 2814715
Conc: 18.87 ug/ml

Instrument :
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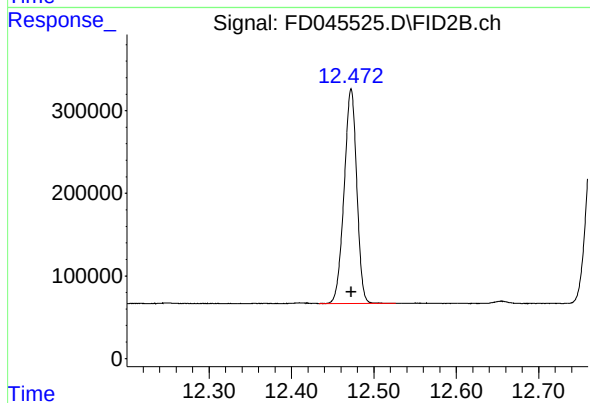
#10 Anthracene (C19.43)

R.T.: 10.743 min
Delta R.T.: 0.000 min
Response: 2638863
Conc: 20.43 ug/ml



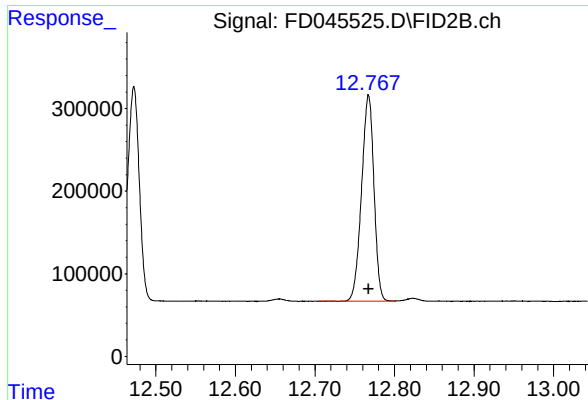
#11 ortho-Terphenyl (SURR)

R.T.: 11.440 min
Delta R.T.: 0.000 min
Response: 3400596
Conc: 19.00 ug/ml



#12 Fluoranthene (C21.85)

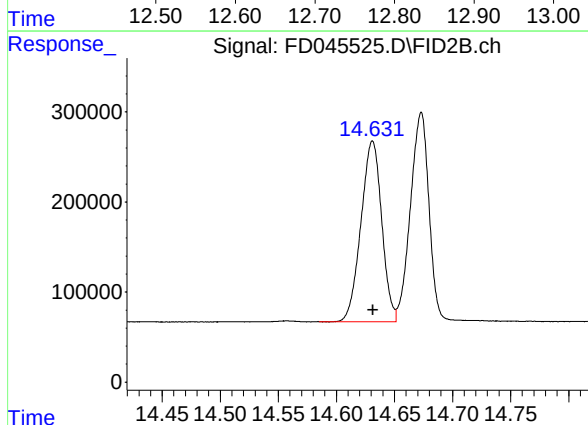
R.T.: 12.472 min
Delta R.T.: 0.000 min
Response: 2757898
Conc: 18.74 ug/ml



#13 Pyrene (C20.8)

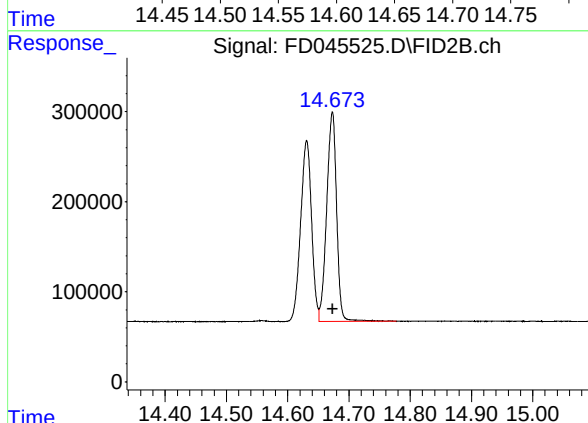
R.T.: 12.767 min
Delta R.T.: 0.000 min
Response: 2709789
Conc: 18.89 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



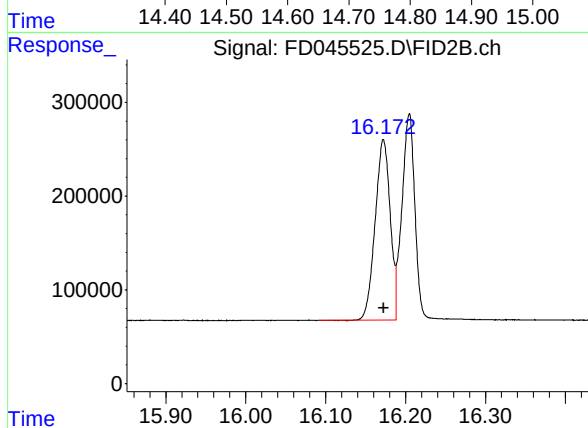
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.631 min
Delta R.T.: 0.000 min
Response: 2499548
Conc: 19.07 ug/ml



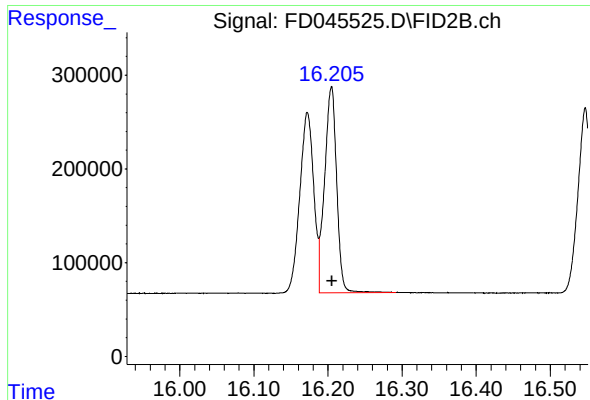
#15 Chrysene (C27.41)

R.T.: 14.673 min
Delta R.T.: 0.000 min
Response: 2626054
Conc: 19.24 ug/ml



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

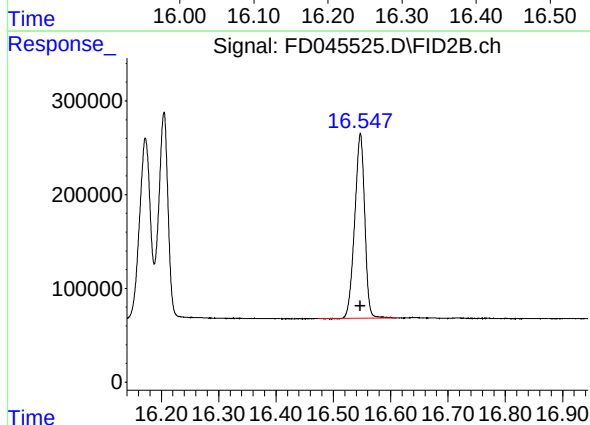
R.T.: 16.172 min
Delta R.T.: 0.000 min
Response: 2513388
Conc: 18.82 ug/ml



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

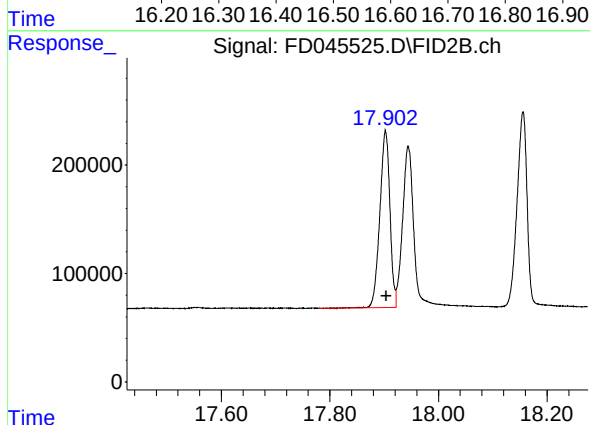
R.T.: 16.204 min
Delta R.T.: -0.001 min
Response: 2499824
Conc: 18.69 ug/ml

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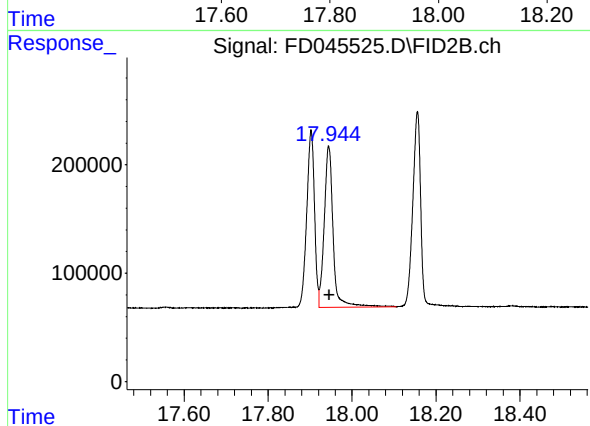
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.547 min
Delta R.T.: 0.000 min
Response: 2394788
Conc: 18.72 ug/ml



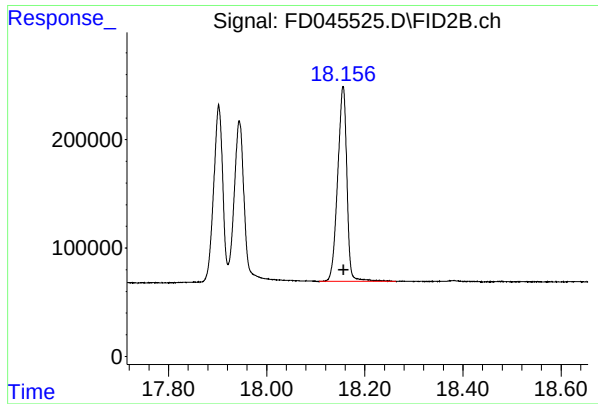
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.902 min
Delta R.T.: -0.001 min
Response: 2094656
Conc: 16.67 ug/ml



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

R.T.: 17.944 min
Delta R.T.: -0.003 min
Response: 2203319
Conc: 16.17 ug/ml m



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

R.T.: 18.156 min

Delta R.T.: -0.002 min

Response: 2351374

Conc: 17.95 ug/ml

Instrument :

FID_D

ClientSampleId :

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