

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032323AR\
 Data File : FD045328.D
 Signal(s) : FID2B.ch
 Acq On : 23 Mar 2023 22:24
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Mar 24 01:35:39 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030123.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 01 16:43:59 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...	7.548	2808547	20.696 ug/ml
Spiked Amount 50.000		Recovery =	41.39%
6) S 2-Fluorobiphenyl (SURR)	8.404	1851808	20.683 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.37%
11) S ortho-Terphenyl (SURR)	11.444	3551672	21.337 ug/ml
Spiked Amount 50.000		Recovery =	42.67%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.355	3169784	20.930 ug/ml
2) T Naphthalene (C11.7)	5.887	3308004	20.940 ug/ml
3) T 2-Methylnaphthalene (...)	6.937	3285507	20.674 ug/ml
5) T Acenaphthylene (C15.06)	8.208	2987062	20.832 ug/ml
7) T Acenaphthene (C15.5)	8.504	3172107	20.928 ug/ml
8) T Fluorene (C16.55)	9.282	3064369	20.813 ug/ml
9) T Phenanthrene (C19.36)	10.673	2972047	20.816 ug/ml
10) T Anthracene (C19.43)	10.746	2840594	20.271 ug/ml
12) T Fluoranthene (C21.85)	12.478	2932417	20.992 ug/ml
13) T Pyrene (C20.8)	12.773	2875470	21.116 ug/ml
14) T Benzo[a]anthracene (C...	14.637	2610324	20.477 ug/ml
15) T Chrysene (C27.41)	14.680	2701844	20.731 ug/ml
16) T benzo[b]fluoranthene ...	16.180	2638019	20.462 ug/ml
17) T Bnezo[k]fluoranthene ...	16.213	2569667	20.357 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.555	2517252	20.001 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.911	2063603	17.250 ug/ml
20) T Dibenz[a,h]anthracene...	17.953	2003346	16.608 ug/ml
21) T Benzo[g,h,i]perylene ...	18.165	2250954	18.091 ug/ml

(f)=RT Delta > 1/2 Window

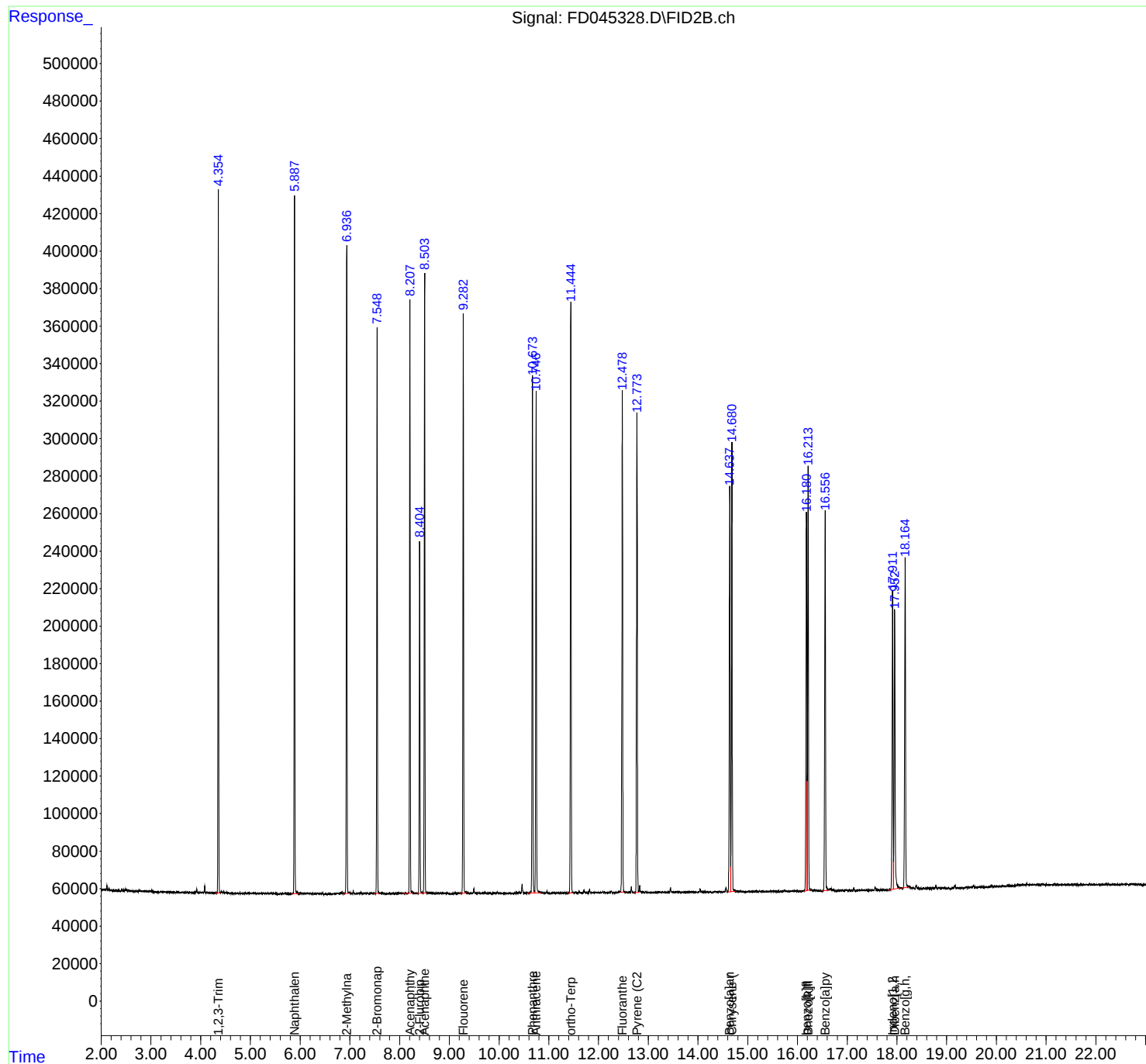
(m)=manual int.

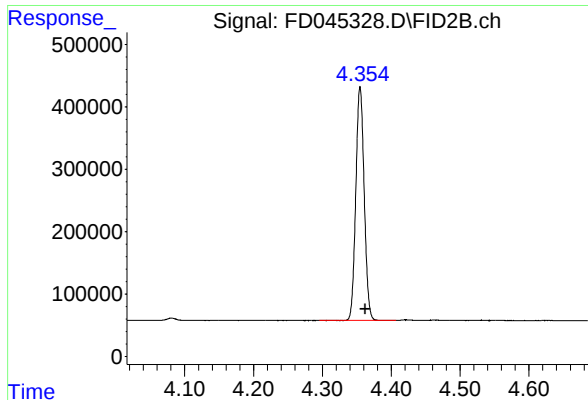
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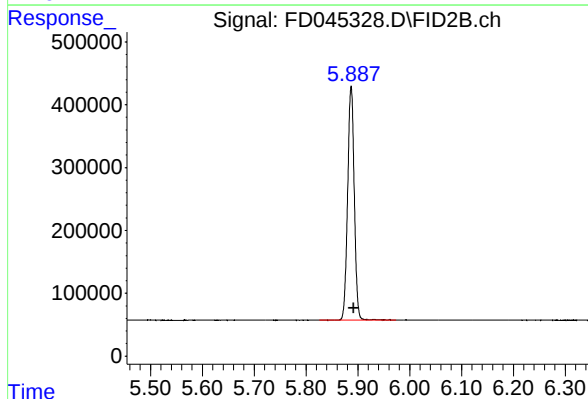




#1 1,2,3-Trimethylbenzene (C10.1)

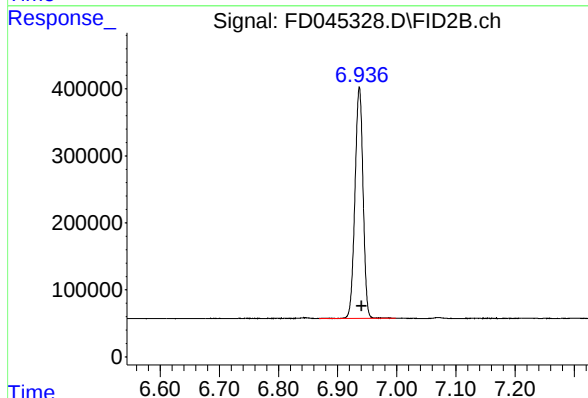
R.T.: 4.355 min
Delta R.T.: -0.007 min
Response: 3169784
Conc: 20.93 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



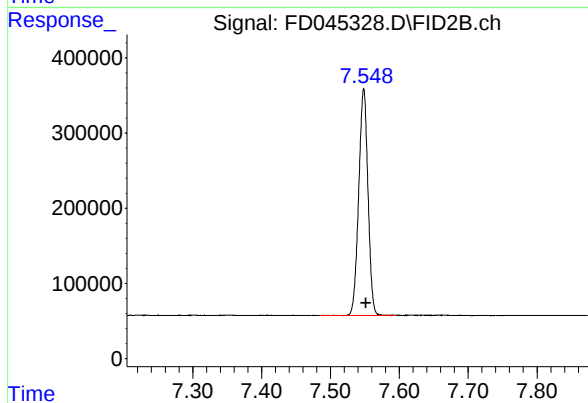
#2 Naphthalene (C11.7)

R.T.: 5.887 min
Delta R.T.: -0.005 min
Response: 3308004
Conc: 20.94 ug/ml



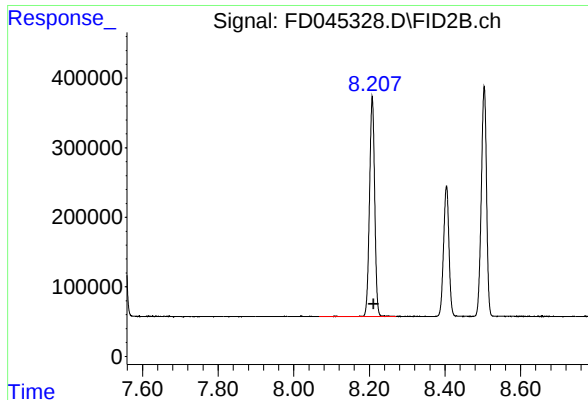
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.937 min
Delta R.T.: -0.004 min
Response: 3285507
Conc: 20.67 ug/ml



#4 2-Bromonaphthalene (SURR)

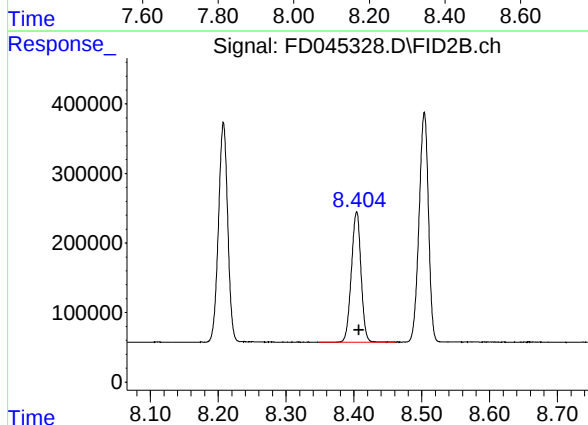
R.T.: 7.548 min
Delta R.T.: -0.003 min
Response: 2808547
Conc: 20.70 ug/ml



#5 Acenaphthylene (C15.06)

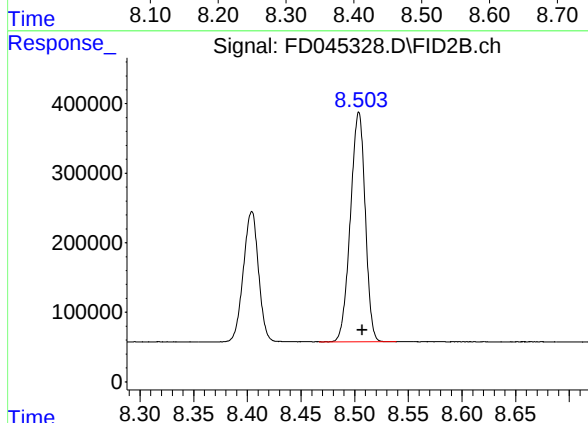
R.T.: 8.208 min
Delta R.T.: -0.004 min
Response: 2987062
Conc: 20.83 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



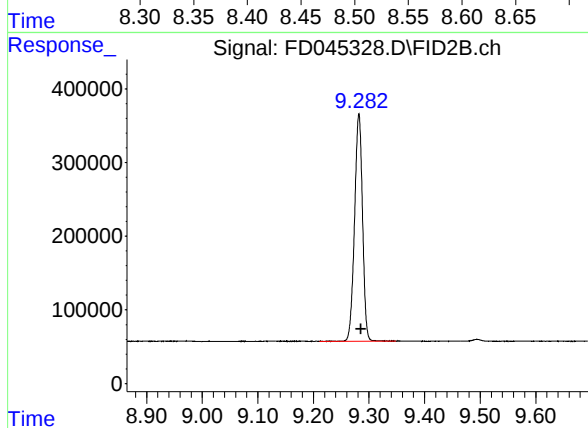
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.404 min
Delta R.T.: -0.004 min
Response: 1851808
Conc: 20.68 ug/ml



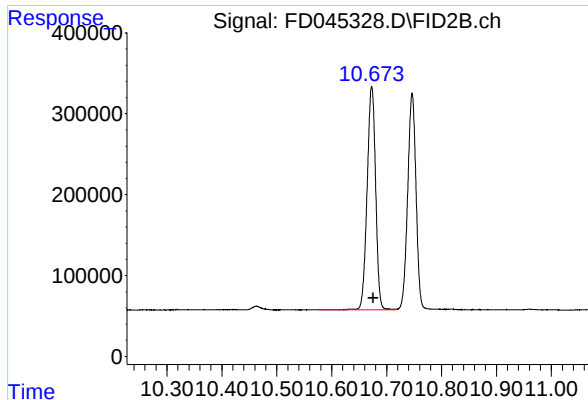
#7 Acenaphthene (C15.5)

R.T.: 8.504 min
Delta R.T.: -0.003 min
Response: 3172107
Conc: 20.93 ug/ml



#8 Fluorene (C16.55)

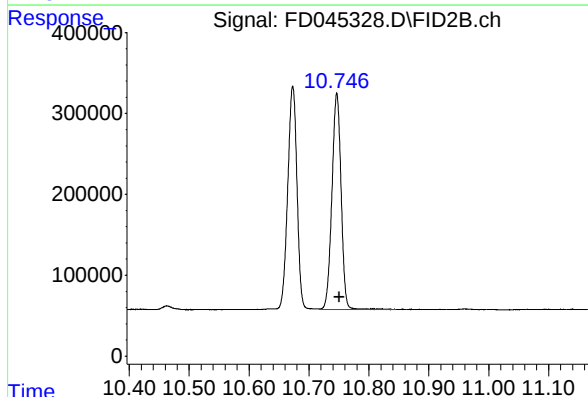
R.T.: 9.282 min
Delta R.T.: -0.004 min
Response: 3064369
Conc: 20.81 ug/ml



#9 Phenanthrene (C19.36)

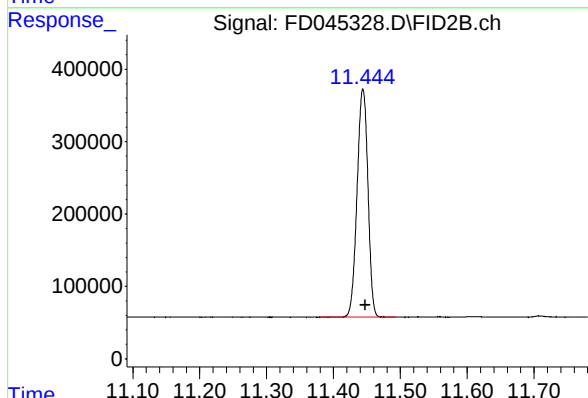
R.T.: 10.673 min
Delta R.T.: -0.003 min
Response: 2972047
Conc: 20.82 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



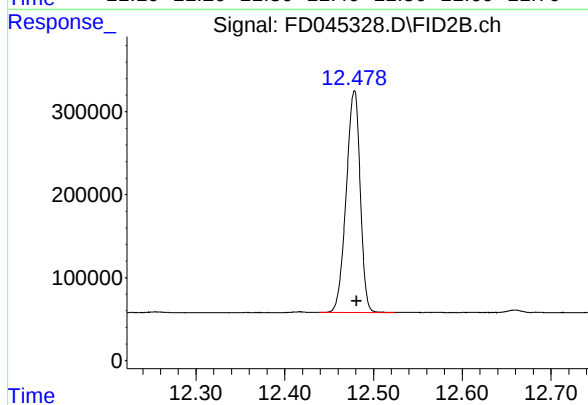
#10 Anthracene (C19.43)

R.T.: 10.746 min
Delta R.T.: -0.004 min
Response: 2840594
Conc: 20.27 ug/ml



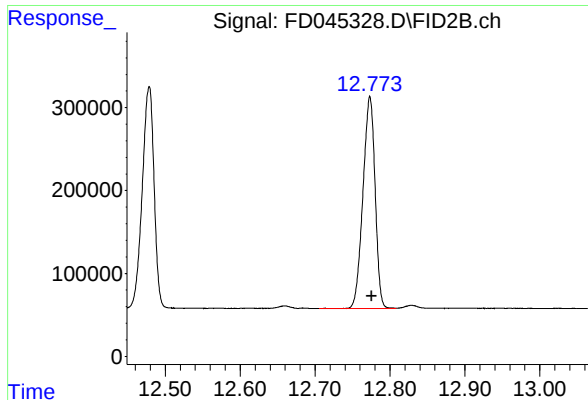
#11 ortho-Terphenyl (SURRE)

R.T.: 11.444 min
Delta R.T.: -0.004 min
Response: 3551672
Conc: 21.34 ug/ml



#12 Fluoranthene (C21.85)

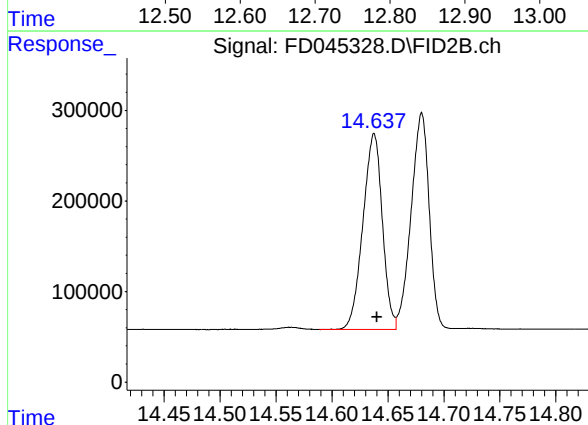
R.T.: 12.478 min
Delta R.T.: -0.003 min
Response: 2932417
Conc: 20.99 ug/ml



#13 Pyrene (C20.8)

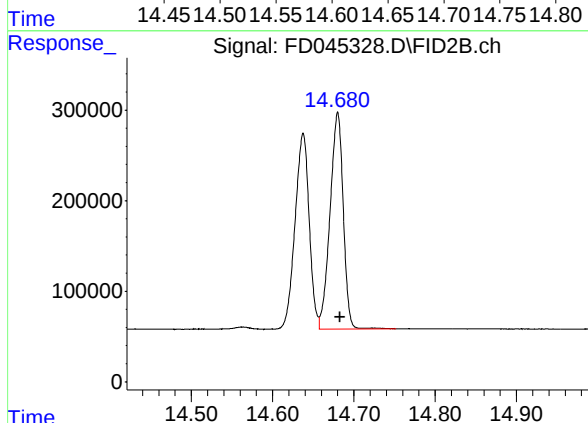
R.T.: 12.773 min
Delta R.T.: -0.002 min
Response: 2875470
Conc: 21.12 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



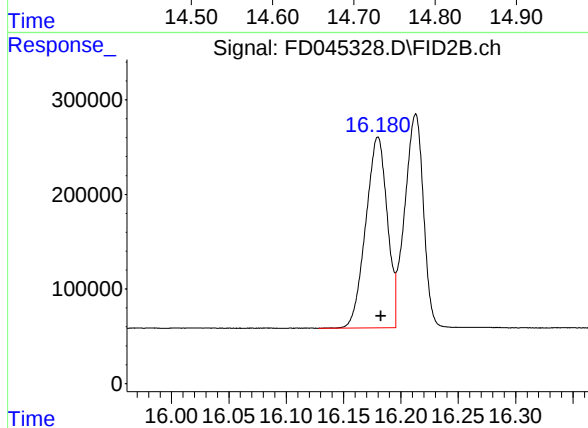
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.637 min
Delta R.T.: -0.003 min
Response: 2610324
Conc: 20.48 ug/ml



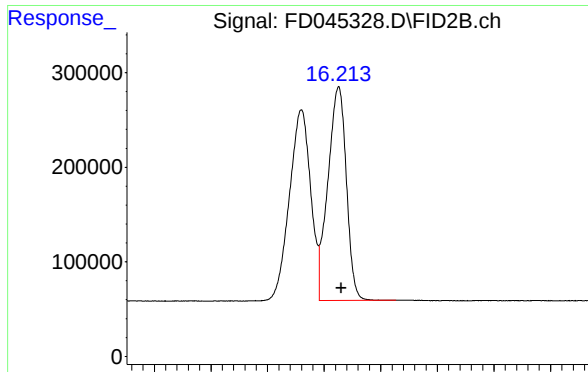
#15 Chrysene (C27.41)

R.T.: 14.680 min
Delta R.T.: -0.003 min
Response: 2701844
Conc: 20.73 ug/ml



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

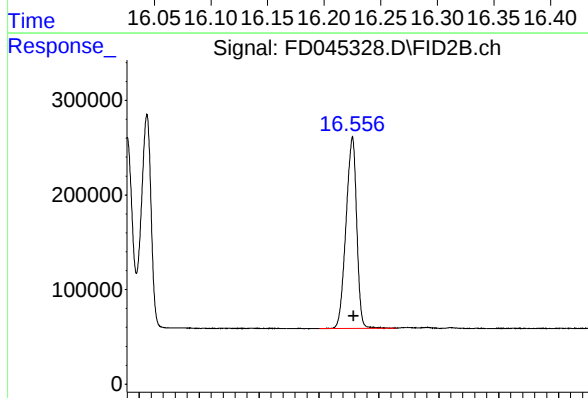
R.T.: 16.180 min
Delta R.T.: -0.003 min
Response: 2638019
Conc: 20.46 ug/ml



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

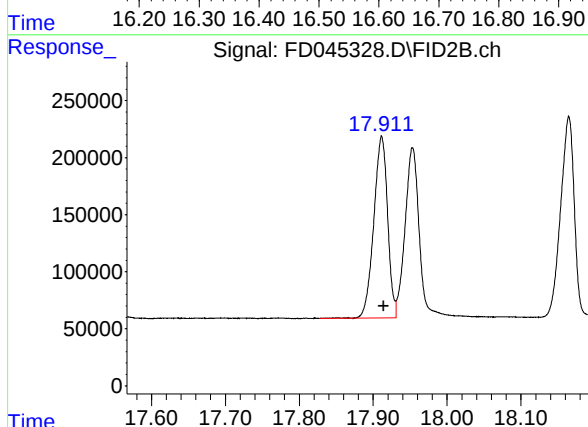
R.T.: 16.213 min
Delta R.T.: -0.003 min
Response: 2569667
Conc: 20.36 ug/ml

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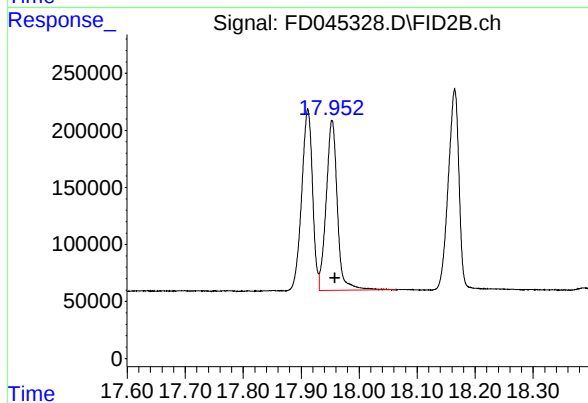
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.555 min
Delta R.T.: -0.002 min
Response: 2517252
Conc: 20.00 ug/ml



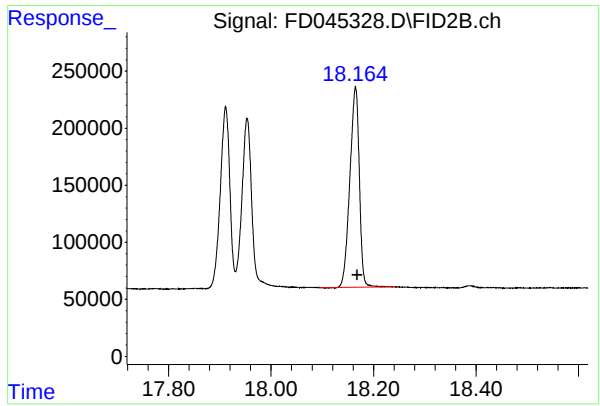
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.911 min
Delta R.T.: -0.003 min
Response: 2063603
Conc: 17.25 ug/ml



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

R.T.: 17.953 min
Delta R.T.: -0.005 min
Response: 2003346
Conc: 16.61 ug/ml



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

R.T.: 18.165 min

Delta R.T.: -0.004 min

Response: 2250954

Conc: 18.09 ug/ml

Instrument :

FID_D

ClientSampleId :

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