

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092523AR\
 Data File : FD046568.D
 Signal(s) : FID2B.ch
 Acq On : 25 Sep 2023 14:05
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Sep 26 00:16:06 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 15 01:47:22 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...	7.490	3570008	20.258 ug/ml
Spiked Amount 50.000		Recovery =	40.52%
6) S 2-Fluorobiphenyl (SURR)	8.344	2329899	20.110 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.22%
11) S ortho-Terphenyl (SURR)	11.382	4197975	20.606 ug/ml
Spiked Amount 50.000		Recovery =	41.21%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.304	3739256	20.245 ug/ml
2) T Naphthalene (C11.7)	5.830	3901342	20.190 ug/ml
3) T 2-Methylnaphthalene (...)	6.879	3945093	20.358 ug/ml
5) T Acenaphthylene (C15.06)	8.148	3605788	20.450 ug/ml
7) T Acenaphthene (C15.5)	8.443	3837699	20.425 ug/ml
8) T Fluorene (C16.55)	9.221	3672766	20.360 ug/ml
9) T Phenanthrene (C19.36)	10.610	3563438	20.267 ug/ml
10) T Anthracene (C19.43)	10.683	3443789	22.421 ug/ml
12) T Fluoranthene (C21.85)	12.412	3495937	20.511 ug/ml
13) T Pyrene (C20.8)	12.706	3405523	20.759 ug/ml
14) T Benzo[a]anthracene (C...	14.570	2865705	20.523 ug/ml
15) T Chrysene (C27.41)	14.611	3090652	20.360 ug/ml
16) T benzo[b]fluoranthene ...	16.110	2870319	20.926 ug/ml
17) T Bnezo[k]fluoranthene ...	16.143	2844662	20.536 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.485	2740007	20.482 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.842	2438867	19.457 ug/ml
20) T Dibenz[a,h]anthracene...	17.882	2505352	18.827 ug/ml
21) T Benzo[g,h,i]perylene ...	18.093	2632428	19.962 ug/ml

(f)=RT Delta > 1/2 Window

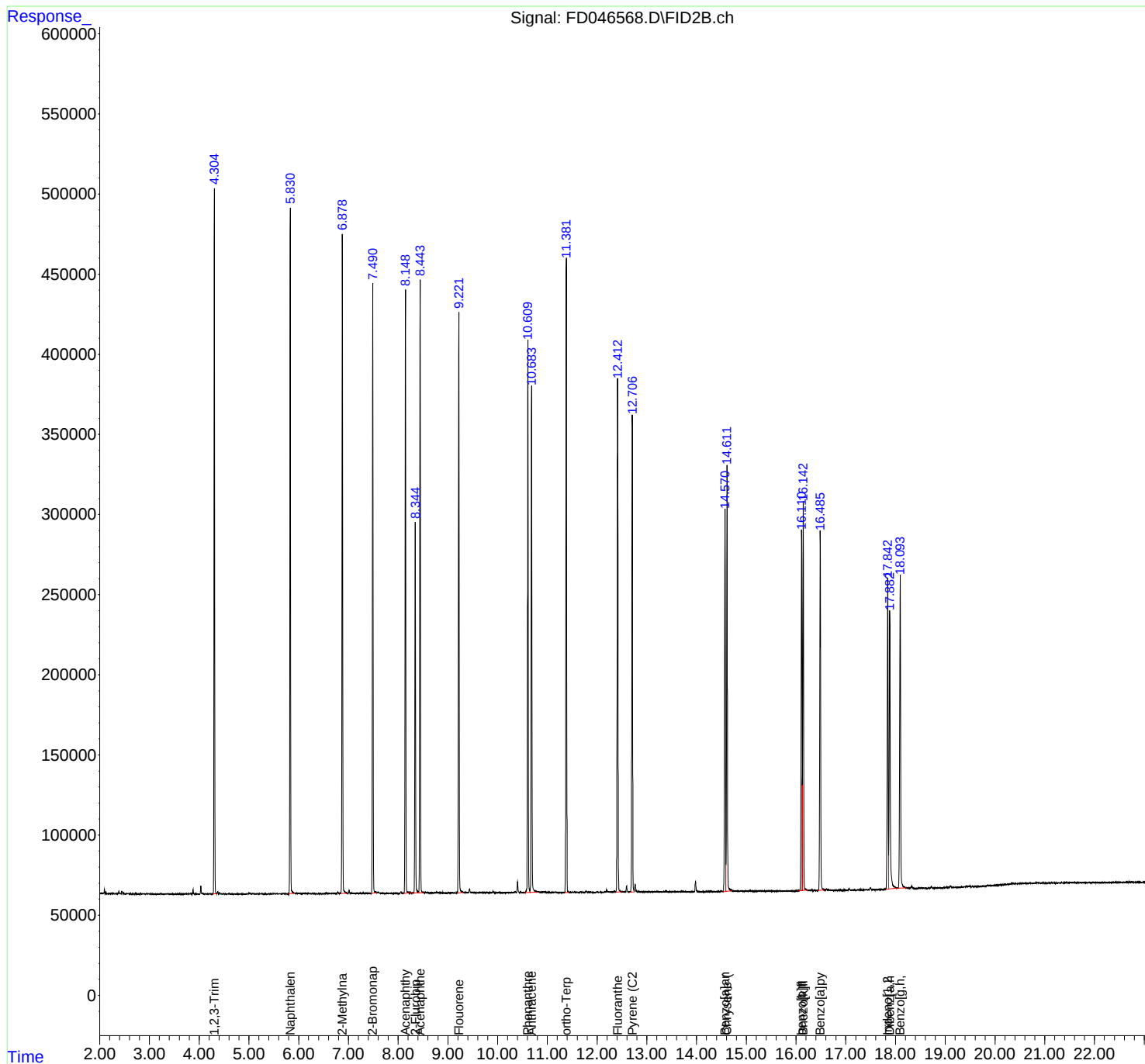
(m)=manual int.

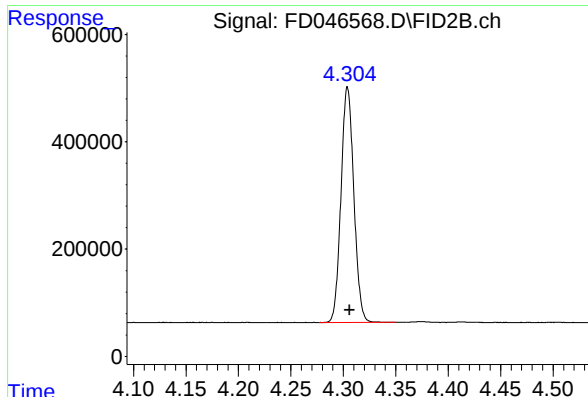
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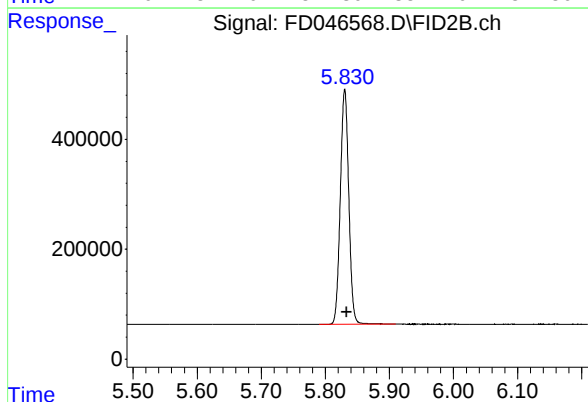




#1 1,2,3-Trimethylbenzene (C10.1)

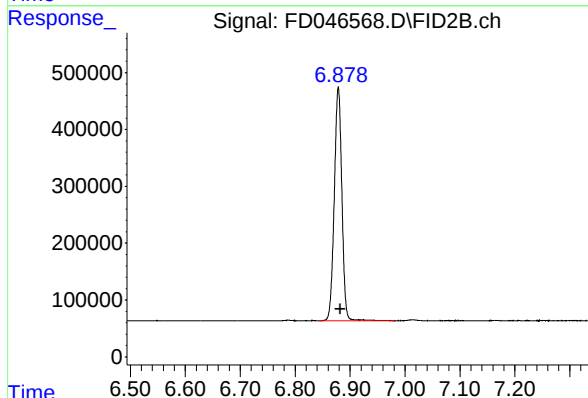
R.T.: 4.304 min
Delta R.T.: -0.002 min
Response: 3739256
Conc: 20.25 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



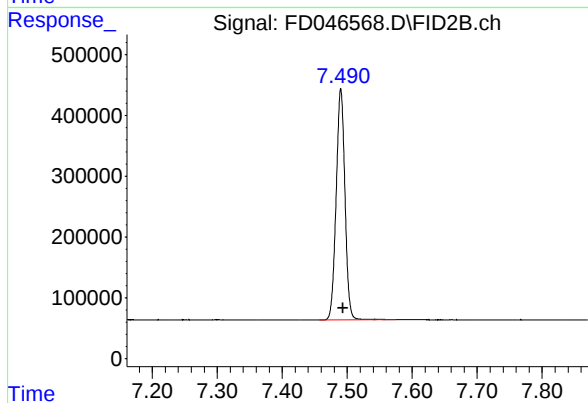
#2 Naphthalene (C11.7)

R.T.: 5.830 min
Delta R.T.: -0.003 min
Response: 3901342
Conc: 20.19 ug/ml



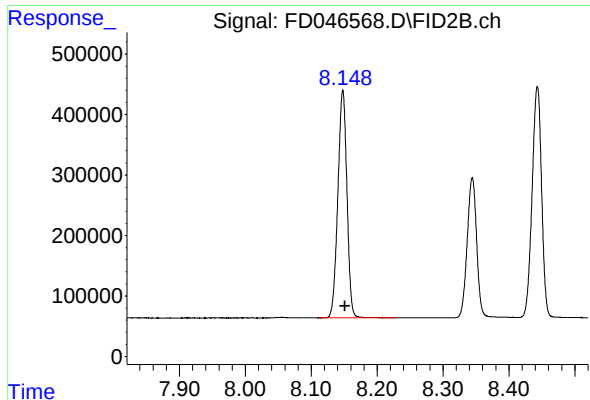
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.879 min
Delta R.T.: -0.004 min
Response: 3945093
Conc: 20.36 ug/ml



#4 2-Bromonaphthalene (SURR)

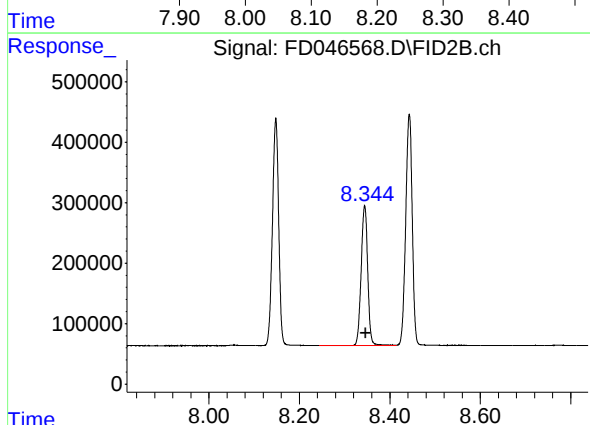
R.T.: 7.490 min
Delta R.T.: -0.003 min
Response: 3570008
Conc: 20.26 ug/ml



#5 Acenaphthylene (C15.06)

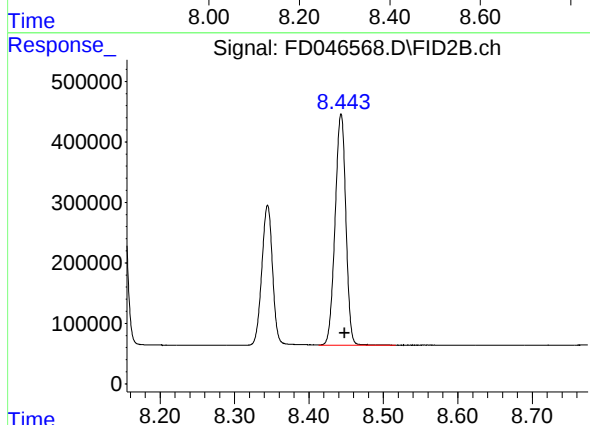
R.T.: 8.148 min
Delta R.T.: -0.003 min
Response: 3605788
Conc: 20.45 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



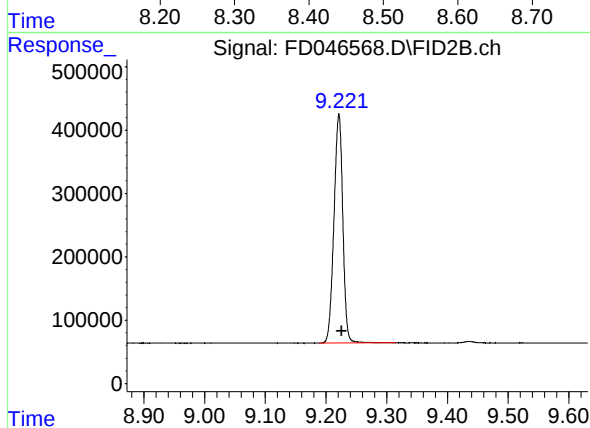
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.344 min
Delta R.T.: -0.003 min
Response: 2329899
Conc: 20.11 ug/ml



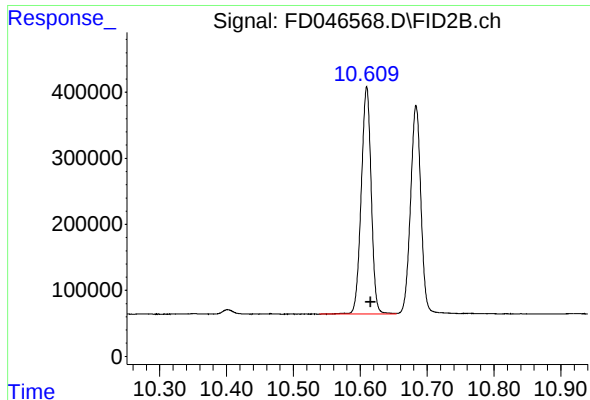
#7 Acenaphthene (C15.5)

R.T.: 8.443 min
Delta R.T.: -0.005 min
Response: 3837699
Conc: 20.42 ug/ml



#8 Flouorene (C16.55)

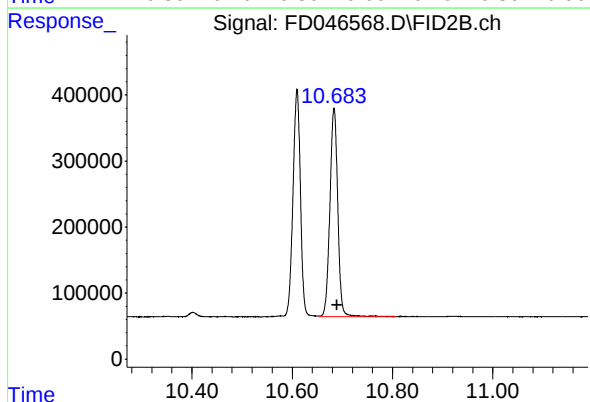
R.T.: 9.221 min
Delta R.T.: -0.005 min
Response: 3672766
Conc: 20.36 ug/ml



#9 Phenanthrene (C19.36)

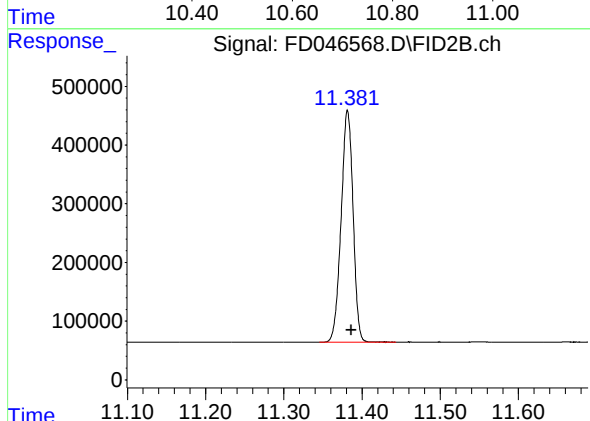
R.T.: 10.610 min
Delta R.T.: -0.006 min
Response: 3563438
Conc: 20.27 ug/ml

Instrument :
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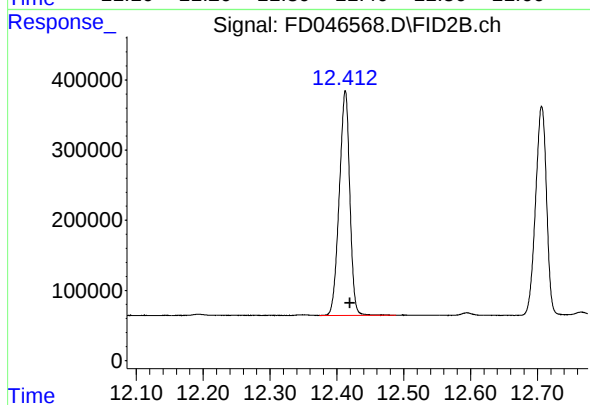
#10 Anthracene (C19.43)

R.T.: 10.683 min
Delta R.T.: -0.006 min
Response: 3443789
Conc: 22.42 ug/ml



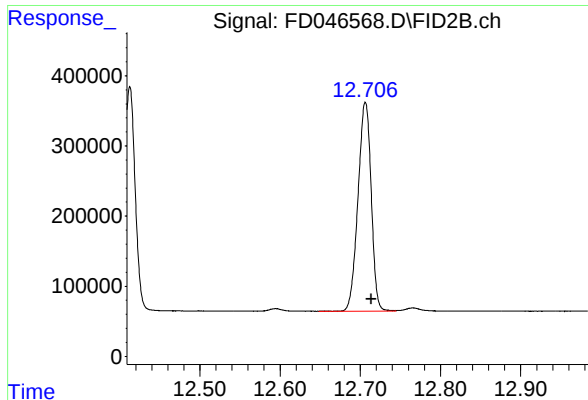
#11 ortho-Terphenyl (SURRE)

R.T.: 11.382 min
Delta R.T.: -0.005 min
Response: 4197975
Conc: 20.61 ug/ml



#12 Fluoranthene (C21.85)

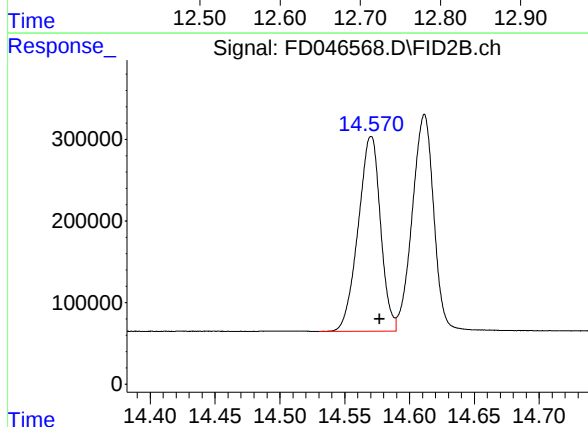
R.T.: 12.412 min
Delta R.T.: -0.007 min
Response: 3495937
Conc: 20.51 ug/ml



#13 Pyrene (C20.8)

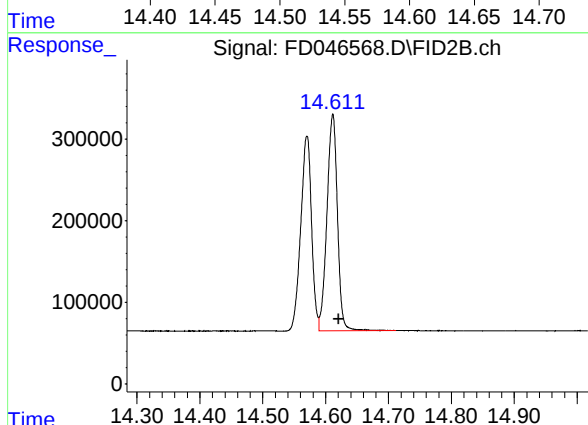
R.T.: 12.706 min
Delta R.T.: -0.007 min
Response: 3405523
Conc: 20.76 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



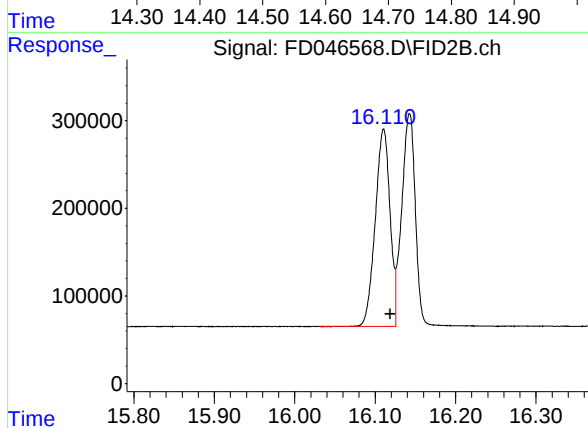
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.570 min
Delta R.T.: -0.007 min
Response: 2865705
Conc: 20.52 ug/ml



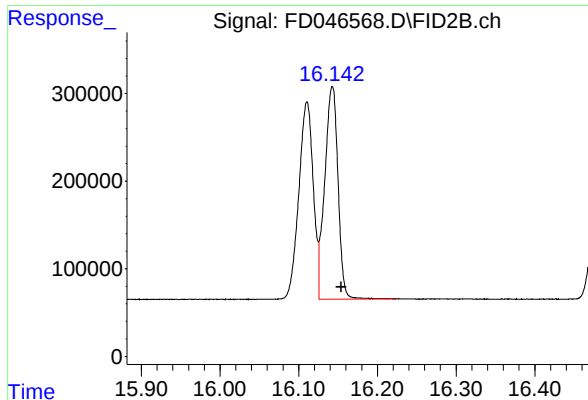
#15 Chrysene (C27.41)

R.T.: 14.611 min
Delta R.T.: -0.009 min
Response: 3090652
Conc: 20.36 ug/ml



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

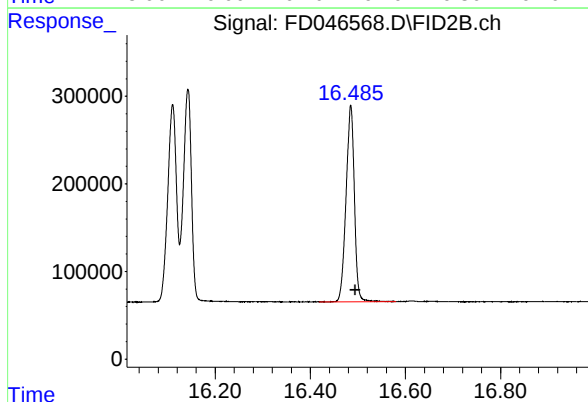
R.T.: 16.110 min
Delta R.T.: -0.009 min
Response: 2870319
Conc: 20.93 ug/ml



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

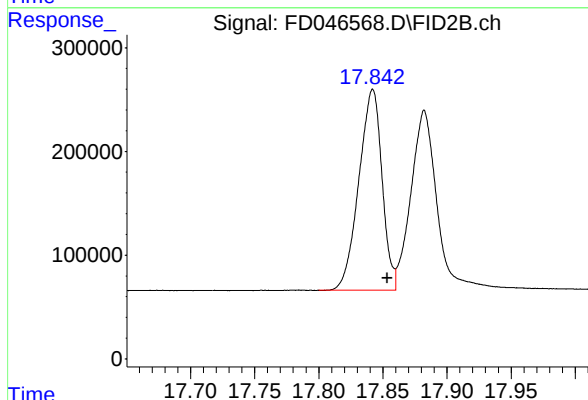
R.T.: 16.143 min
Delta R.T.: -0.011 min
Response: 2844662
Conc: 20.54 ug/ml

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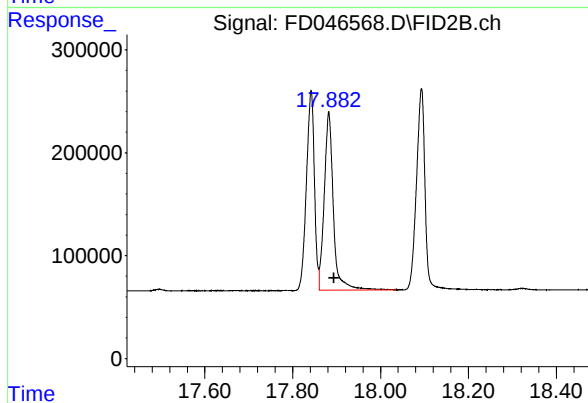
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.485 min
Delta R.T.: -0.010 min
Response: 2740007
Conc: 20.48 ug/ml



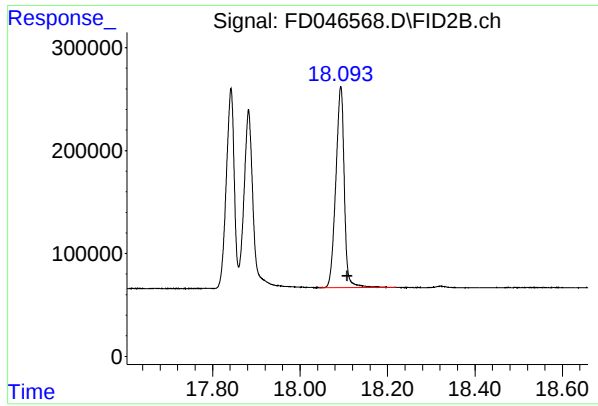
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.842 min
Delta R.T.: -0.012 min
Response: 2438867
Conc: 19.46 ug/ml



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

R.T.: 17.882 min
Delta R.T.: -0.012 min
Response: 2505352
Conc: 18.83 ug/ml



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

R.T.: 18.093 min

Delta R.T.: -0.015 min

Response: 2632428

Conc: 19.96 ug/ml

Instrument :

FID_D

ClientSampleId :

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