

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110322AR\
 Data File : FD044390.D
 Signal(s) : FID2B.ch
 Acq On : 03 Nov 2022 23:05
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Nov 04 06:05:10 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 110322.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 04 06:01:26 2022
 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...	7.710	2665240	19.696 ug/ml
Spiked Amount 50.000		Recovery =	39.39%
6) S 2-Fluorobiphenyl (SURR)	8.572	1838834	19.608 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.22%
11) S ortho-Terphenyl (SURR)	11.613	3386766	19.740 ug/ml
Spiked Amount 50.000		Recovery =	39.48%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.508	2881992	19.772 ug/ml
2) T Naphthalene (C11.7)	6.050	3068516	19.708 ug/ml
3) T 2-Methylnaphthalene (...)	7.100	3106786	19.665 ug/ml
5) T Acenaphthylene (C15.06)	8.377	2910752	19.303 ug/ml
7) T Acenaphthene (C15.5)	8.672	3042897	19.665 ug/ml
8) T Flouorene (C16.55)	9.452	3016295	19.613 ug/ml
9) T Phenanthrene (C19.36)	10.848	2975123	19.784 ug/ml
10) T Anthracene (C19.43)	10.922	2889432	19.721 ug/ml
12) T Fluoranthene (C21.85)	12.657	2997526	19.724 ug/ml
13) T Pyrene (C20.8)	12.953	2933746	19.735 ug/ml
14) T Benzo[a]anthracene (C...	14.820	2759646	19.716 ug/ml
15) T Chrysene (C27.41)	14.862	2885467	19.702 ug/ml
16) T benzo[b]fluoranthene ...	16.365	2830915	19.684 ug/ml
17) T Bnezo[k]fluoranthene ...	16.398	2788391	19.612 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.743	2756382	19.702 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.101	2683542	19.681 ug/ml
20) T Dibenz[a,h]anthracene...	18.141	2679655	19.894 ug/ml
21) T Benzo[g,h,i]perylene ...	18.356	2704859	19.814 ug/ml

(f)=RT Delta > 1/2 Window

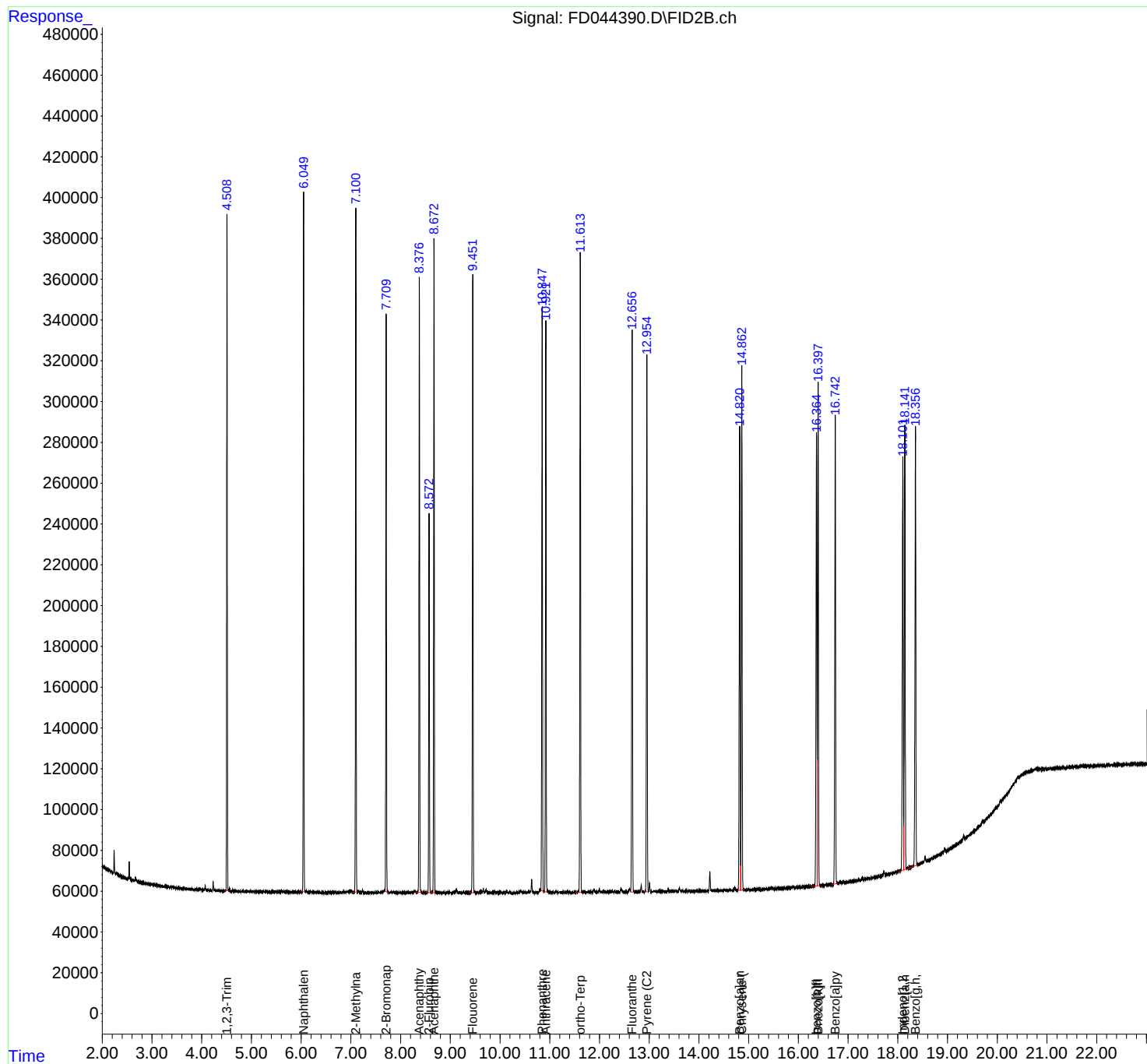
(m)=manual int.

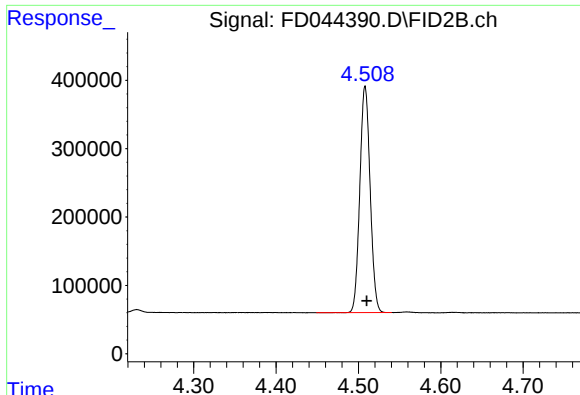
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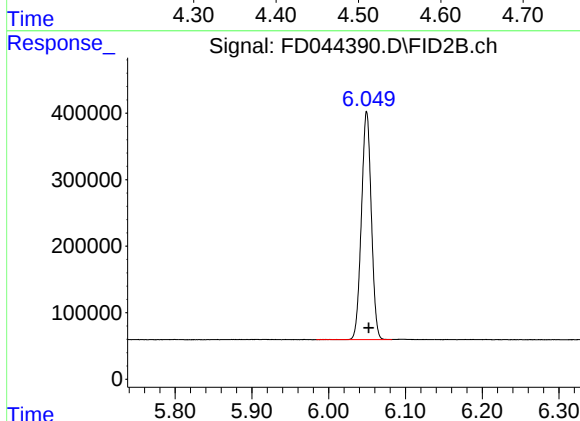




#1 1,2,3-Trimethylbenzene (C10.1)

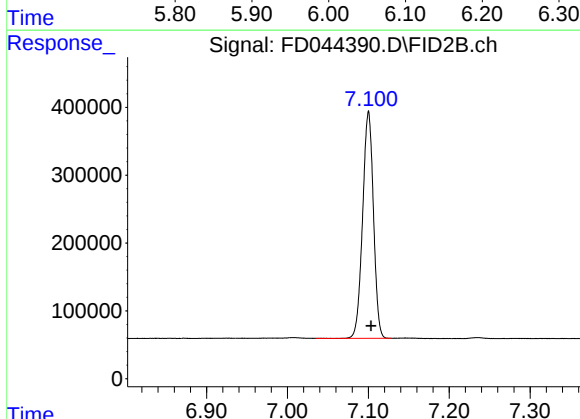
R.T.: 4.508 min
Delta R.T.: -0.002 min
Response: 2881992
Conc: 19.77 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



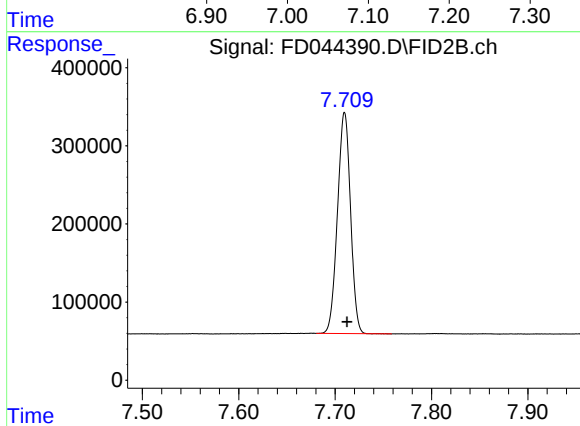
#2 Naphthalene (C11.7)

R.T.: 6.050 min
Delta R.T.: -0.003 min
Response: 3068516
Conc: 19.71 ug/ml



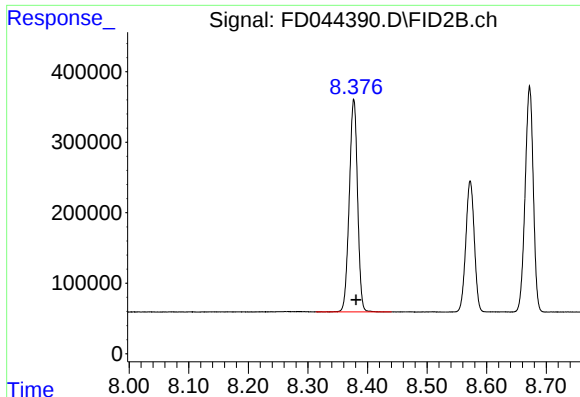
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.100 min
Delta R.T.: -0.003 min
Response: 3106786
Conc: 19.66 ug/ml



#4 2-Bromonaphthalene (SURR)

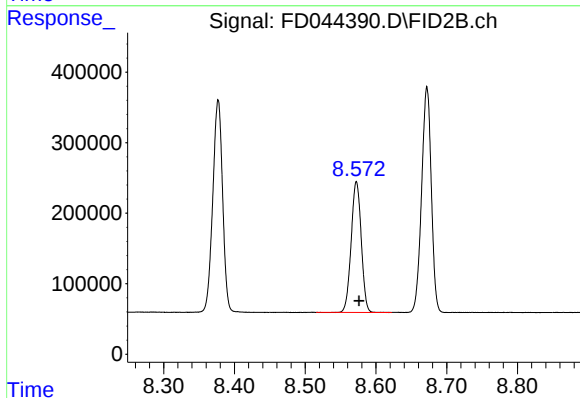
R.T.: 7.710 min
Delta R.T.: -0.003 min
Response: 2665240
Conc: 19.70 ug/ml



#5 Acenaphthylene (C15.06)

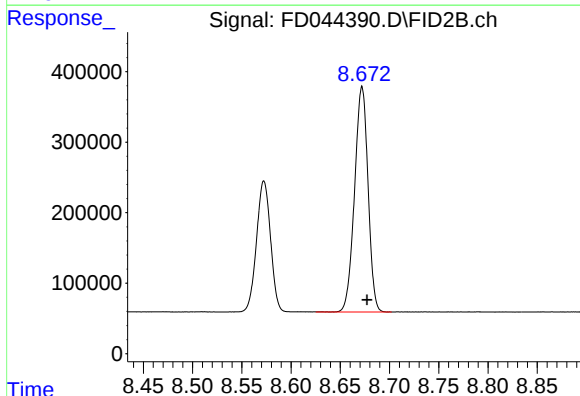
R.T.: 8.377 min
Delta R.T.: -0.004 min
Response: 2910752
Conc: 19.30 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



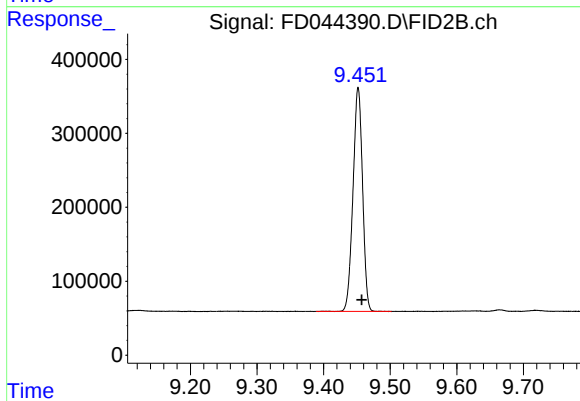
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.572 min
Delta R.T.: -0.004 min
Response: 1838834
Conc: 19.61 ug/ml



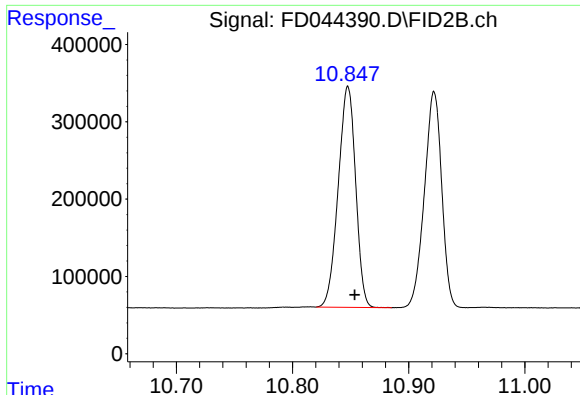
#7 Acenaphthene (C15.5)

R.T.: 8.672 min
Delta R.T.: -0.005 min
Response: 3042897
Conc: 19.67 ug/ml



#8 Flouorene (C16.55)

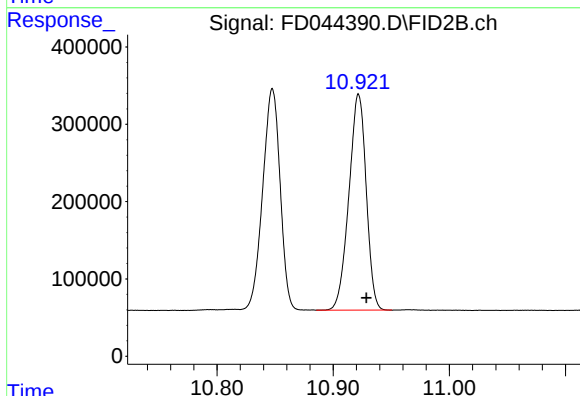
R.T.: 9.452 min
Delta R.T.: -0.005 min
Response: 3016295
Conc: 19.61 ug/ml



#9 Phenanthrene (C19.36)

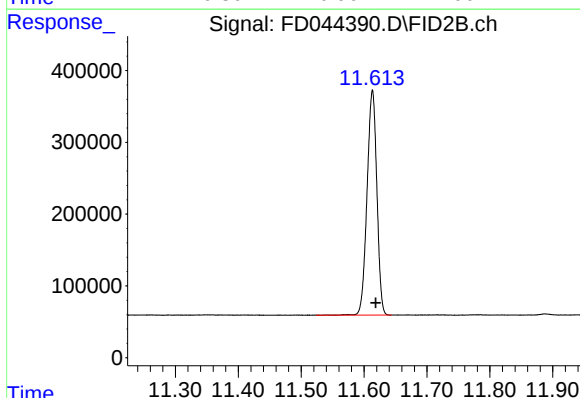
R.T.: 10.848 min
Delta R.T.: -0.006 min
Response: 2975123
Conc: 19.78 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



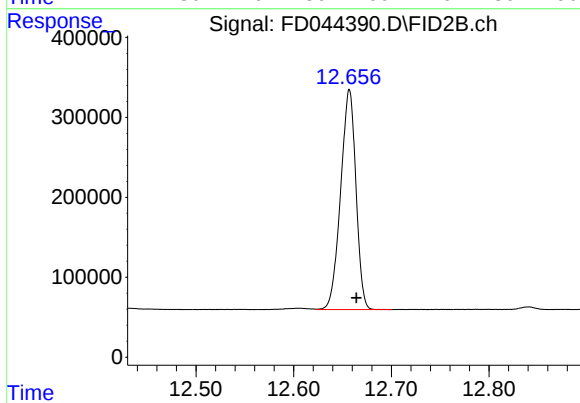
#10 Anthracene (C19.43)

R.T.: 10.922 min
Delta R.T.: -0.007 min
Response: 2889432
Conc: 19.72 ug/ml



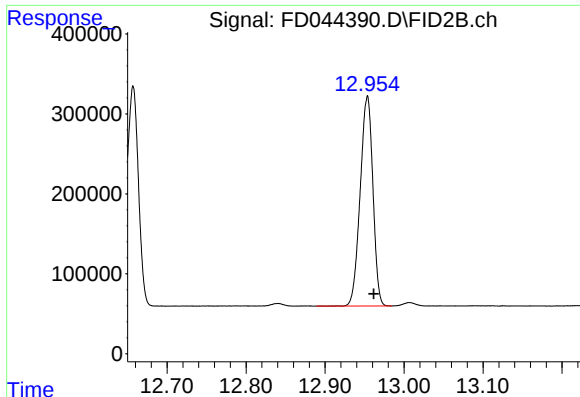
#11 ortho-Terphenyl (SURR)

R.T.: 11.613 min
Delta R.T.: -0.005 min
Response: 3386766
Conc: 19.74 ug/ml



#12 Fluoranthene (C21.85)

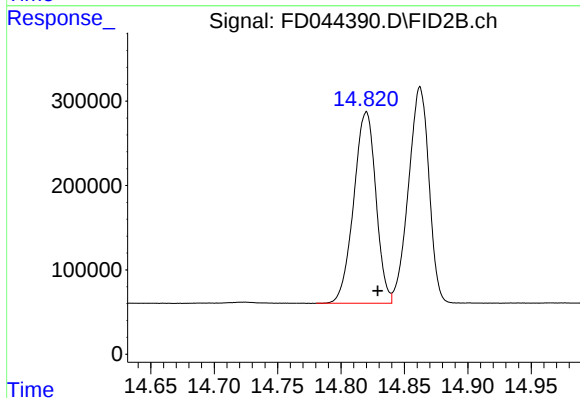
R.T.: 12.657 min
Delta R.T.: -0.007 min
Response: 2997526
Conc: 19.72 ug/ml



#13 Pyrene (C20.8)

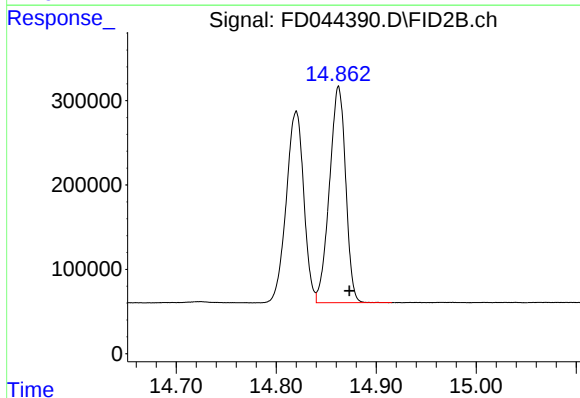
R.T.: 12.953 min
Delta R.T.: -0.008 min
Response: 2933746
Conc: 19.74 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



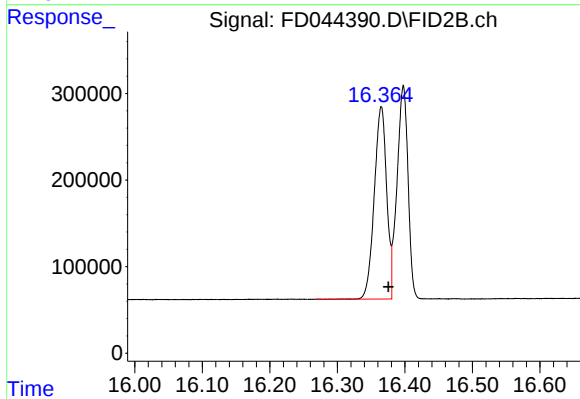
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.820 min
Delta R.T.: -0.009 min
Response: 2759646
Conc: 19.72 ug/ml



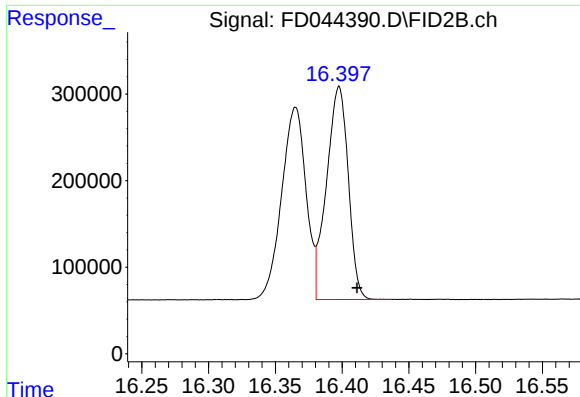
#15 Chrysene (C27.41)

R.T.: 14.862 min
Delta R.T.: -0.011 min
Response: 2885467
Conc: 19.70 ug/ml



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

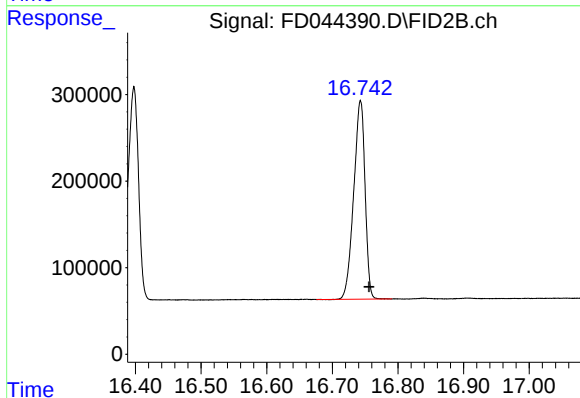
R.T.: 16.365 min
Delta R.T.: -0.011 min
Response: 2830915
Conc: 19.68 ug/ml



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

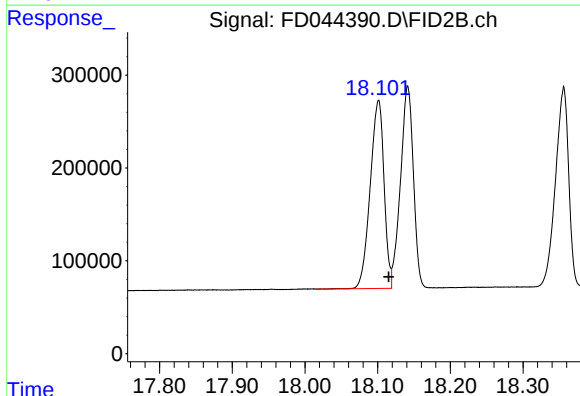
R.T.: 16.398 min
Delta R.T.: -0.014 min
Response: 2788391
Conc: 19.61 ug/ml

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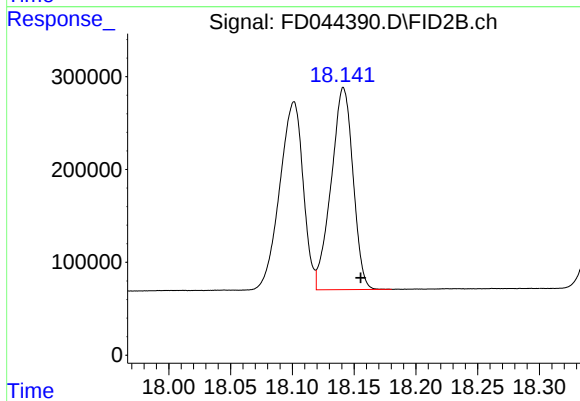
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.743 min
Delta R.T.: -0.013 min
Response: 2756382
Conc: 19.70 ug/ml



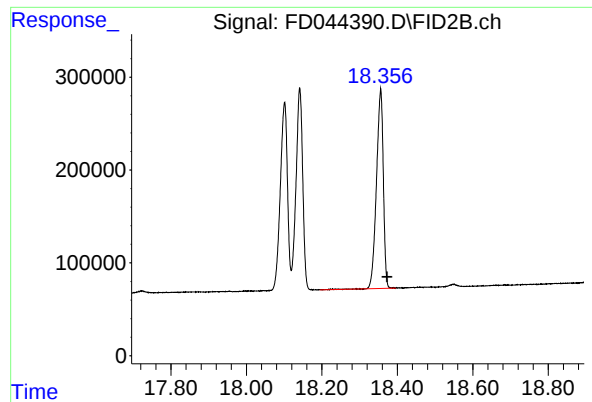
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.101 min
Delta R.T.: -0.014 min
Response: 2683542
Conc: 19.68 ug/ml



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

R.T.: 18.141 min
Delta R.T.: -0.014 min
Response: 2679655
Conc: 19.89 ug/ml



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

R.T.: 18.356 min
Delta R.T.: -0.017 min
Response: 2704859
Conc: 19.81 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD