

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD113022AR\
 Data File : FD044552.D
 Signal(s) : FID2B.ch
 Acq On : 30 Nov 2022 17:32
 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: Dec 01 02:57:59 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112922.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 29 00:29:41 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

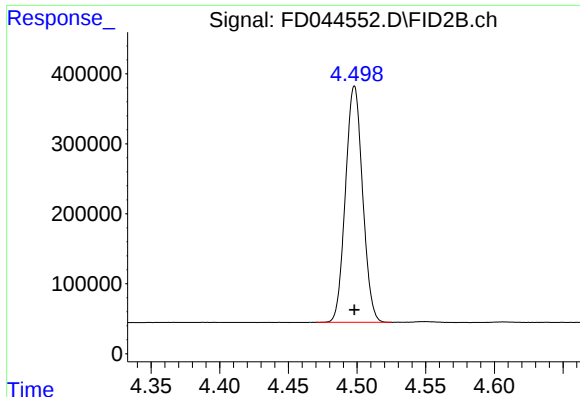
Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.684	2667745	20.556 ug/ml
Spiked Amount 50.000		Recovery =	41.11%
6) S 2-Fluorobiphenyl (SURR)	8.542	1808677	20.479 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.96%
11) S ortho-Terphenyl (SURR)	11.572	3354969	20.615 ug/ml
Spiked Amount 50.000		Recovery =	41.23%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.498	2934567	20.564 ug/ml
2) T Naphthalene (C11.7)	6.030	3088337	20.540 ug/ml
3) T 2-Methylnaphthalene (...)	7.076	3106851	20.563 ug/ml
5) T Acenaphthylene (C15.06)	8.347	2843833	20.457 ug/ml
7) T Acenaphthene (C15.5)	8.641	3017176	20.559 ug/ml
8) T Flouorene (C16.55)	9.417	2971656	20.610 ug/ml
9) T Phenanthrene (C19.36)	10.807	2921493	20.487 ug/ml
10) T Anthracene (C19.43)	10.881	2773564	19.963 ug/ml
12) T Fluoranthene (C21.85)	12.609	2935246	20.590 ug/ml
13) T Pyrene (C20.8)	12.904	2864065	20.580 ug/ml
14) T Benzo[a]anthracene (C...	14.765	2655077	20.520 ug/ml
15) T Chrysene (C27.41)	14.807	2814843	20.879 ug/ml
16) T benzo[b]fluoranthene ...	16.306	2714942	20.627 ug/ml
17) T Bnezo[k]fluoranthene ...	16.338	2705239	20.775 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.681	2630264	20.352 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.037	2533326	19.877 ug/ml
20) T Dibenz[a,h]anthracene...	18.079	2566012	20.394 ug/ml
21) T Benzo[g,h,i]perylene ...	18.292	2613978	20.323 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

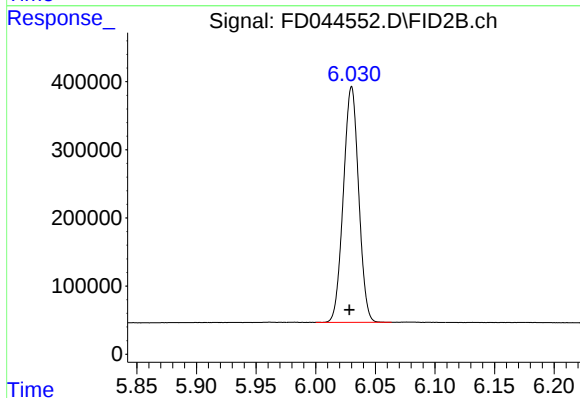
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ALS Vial  : 52 Sample Multiplier: 1
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#1 1,2,3-Trimethylbenzene (C10.1)

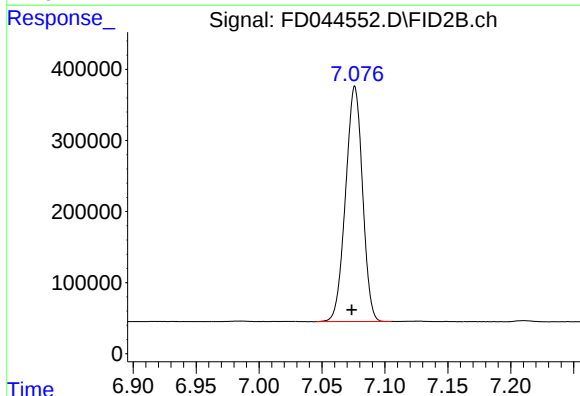
R.T.: 4.498 min
Delta R.T.: 0.000 min
Response: 2934567
Conc: 20.56 ug/ml

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20 PPM AROMATIC HC STD



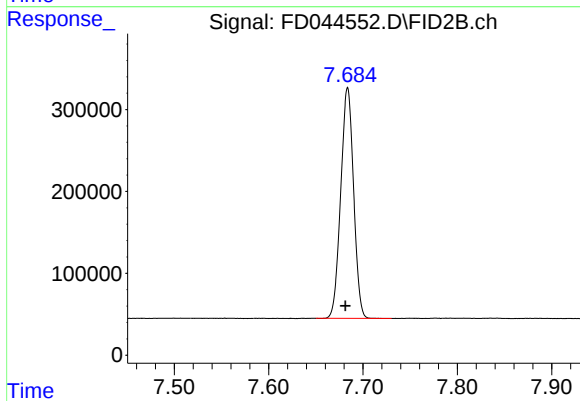
#2 Naphthalene (C11.7)

R.T.: 6.030 min
Delta R.T.: 0.002 min
Response: 3088337
Conc: 20.54 ug/ml



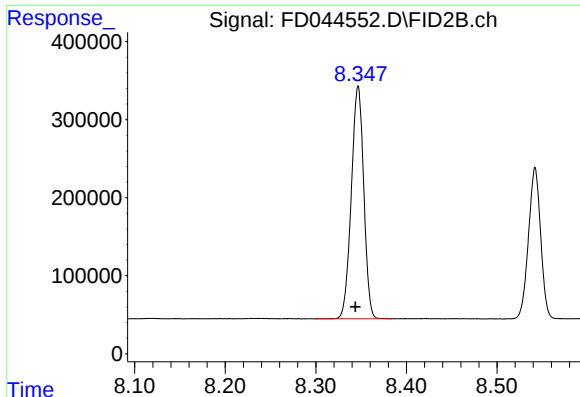
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.076 min
Delta R.T.: 0.002 min
Response: 3106851
Conc: 20.56 ug/ml



#4 2-Bromonaphthalene (SURR)

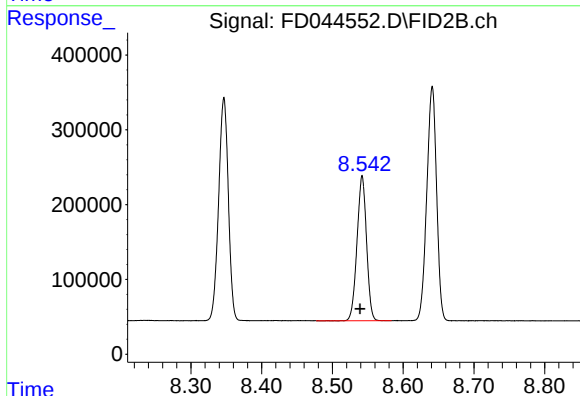
R.T.: 7.684 min
Delta R.T.: 0.002 min
Response: 2667745
Conc: 20.56 ug/ml



#5 Acenaphthylene (C15.06)

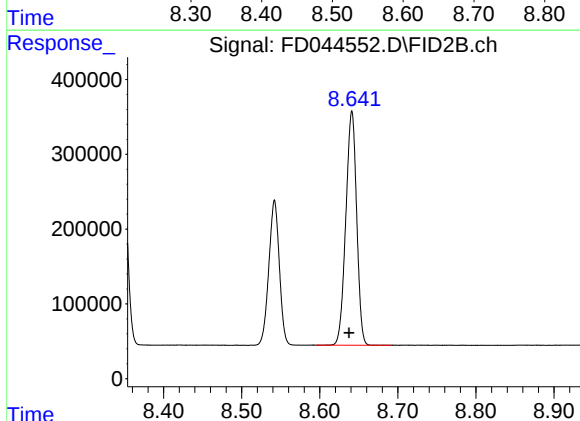
R.T.: 8.347 min
Delta R.T.: 0.003 min
Response: 2843833
Conc: 20.46 ug/ml

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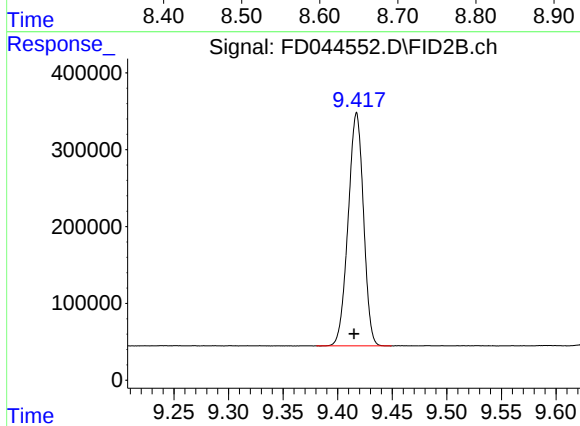
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.542 min
Delta R.T.: 0.003 min
Response: 1808677
Conc: 20.48 ug/ml



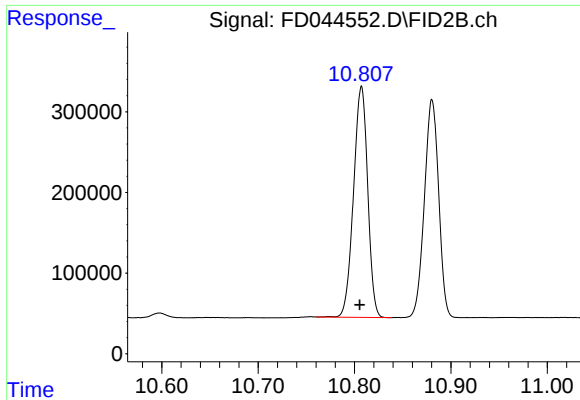
#7 Acenaphthene (C15.5)

R.T.: 8.641 min
Delta R.T.: 0.003 min
Response: 3017176
Conc: 20.56 ug/ml



#8 Fluorene (C16.55)

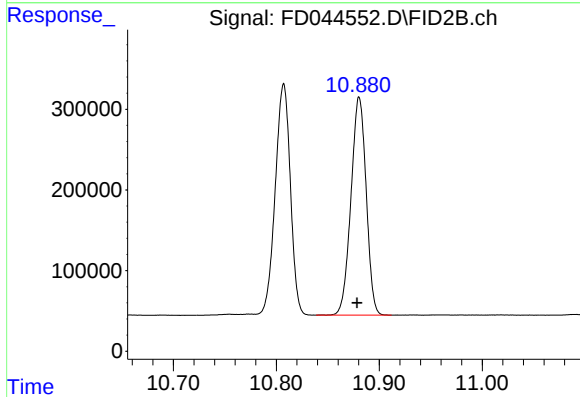
R.T.: 9.417 min
Delta R.T.: 0.002 min
Response: 2971656
Conc: 20.61 ug/ml



#9 Phenanthrene (C19.36)

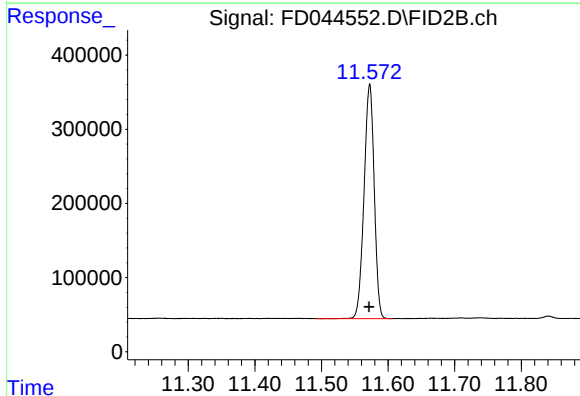
R.T.: 10.807 min
Delta R.T.: 0.002 min
Response: 2921493
Conc: 20.49 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



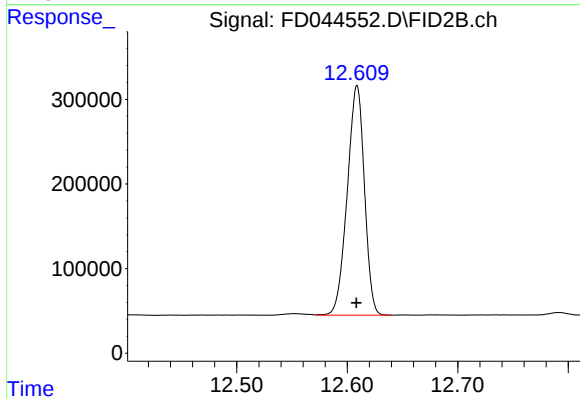
#10 Anthracene (C19.43)

R.T.: 10.881 min
Delta R.T.: 0.002 min
Response: 2773564
Conc: 19.96 ug/ml



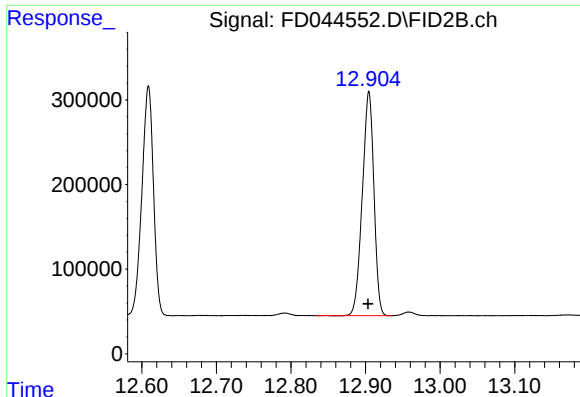
#11 ortho-Terphenyl (SURR)

R.T.: 11.572 min
Delta R.T.: 0.000 min
Response: 3354969
Conc: 20.61 ug/ml



#12 Fluoranthene (C21.85)

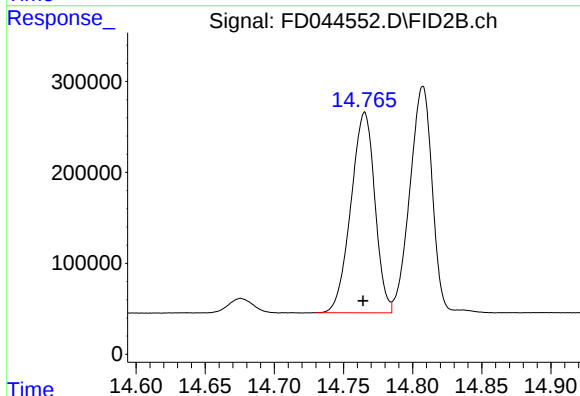
R.T.: 12.609 min
Delta R.T.: 0.000 min
Response: 2935246
Conc: 20.59 ug/ml



#13 Pyrene (C20.8)

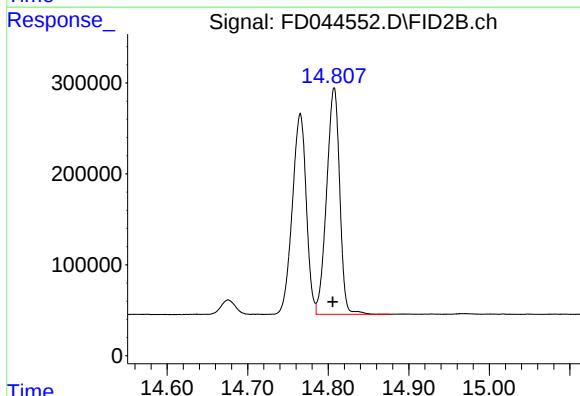
R.T.: 12.904 min
Delta R.T.: 0.001 min
Response: 2864065
Conc: 20.58 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



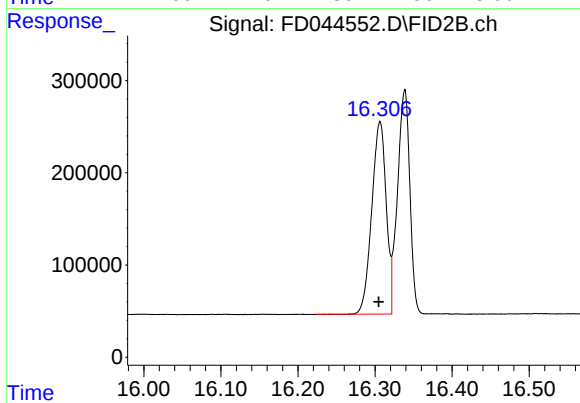
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.765 min
Delta R.T.: 0.000 min
Response: 2655077
Conc: 20.52 ug/ml



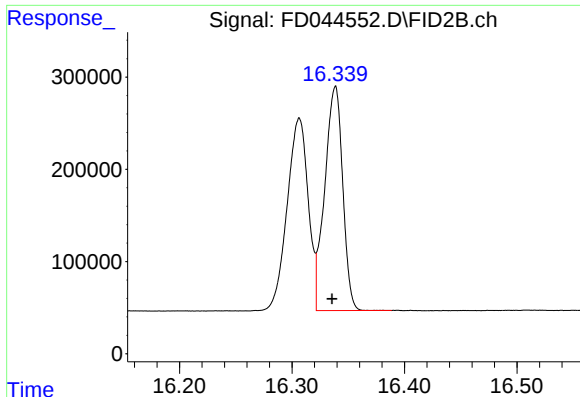
#15 Chrysene (C27.41)

R.T.: 14.807 min
Delta R.T.: 0.002 min
Response: 2814843
Conc: 20.88 ug/ml



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

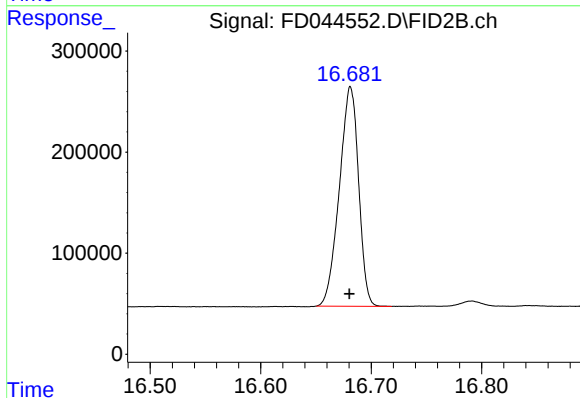
R.T.: 16.306 min
Delta R.T.: 0.002 min
Response: 2714942
Conc: 20.63 ug/ml



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

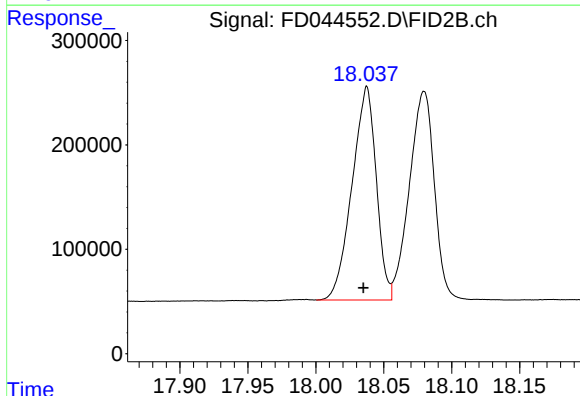
R.T.: 16.338 min
Delta R.T.: 0.003 min
Response: 2705239
Conc: 20.77 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



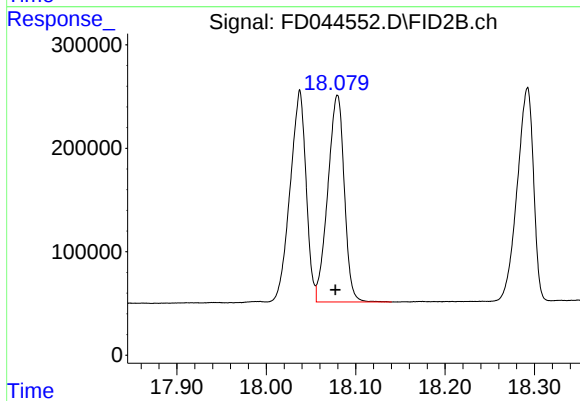
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.681 min
Delta R.T.: 0.001 min
Response: 2630264
Conc: 20.35 ug/ml



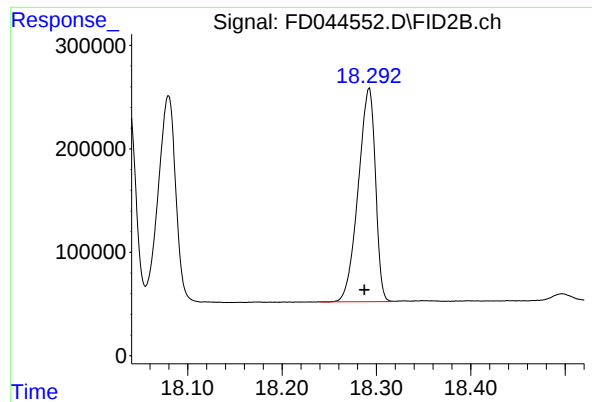
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.037 min
Delta R.T.: 0.002 min
Response: 2533326
Conc: 19.88 ug/ml



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

R.T.: 18.079 min
Delta R.T.: 0.002 min
Response: 2566012
Conc: 20.39 ug/ml



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

R.T.: 18.292 min
Delta R.T.: 0.005 min
Response: 2613978
Conc: 20.32 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD