

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122422AR\
 Data File : FD044717.D
 Signal(s) : FID2B.ch
 Acq On : 24 Dec 2022 16:40
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 25 17:16:53 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 122422.M
 Quant Title : GC Extractables
 QLast Update : Sun Dec 25 17:15:10 2022
 Response via : Initial Calibration
 Integrator: ChemStation

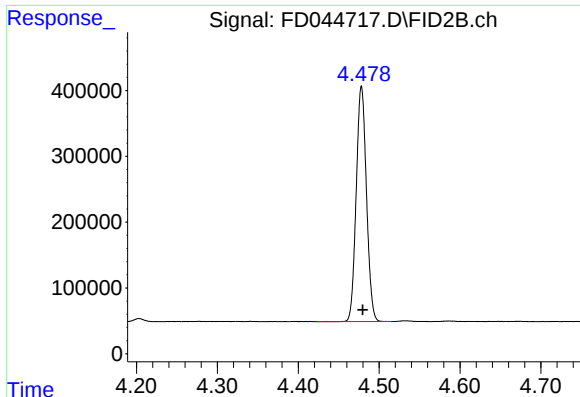
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.661	2805649	19.456 ug/ml
Spiked Amount 50.000		Recovery =	38.91%
6) S 2-Fluorobiphenyl (SURR)	8.518	1892775	19.499 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.00%
11) S ortho-Terphenyl (SURR)	11.547	3498496	19.418 ug/ml
Spiked Amount 50.000		Recovery =	38.84%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.478	3145327	19.549 ug/ml
2) T Naphthalene (C11.7)	6.008	3266943	19.464 ug/ml
3) T 2-Methylnaphthalene (...)	7.053	3276648	19.488 ug/ml
5) T Acenaphthylene (C15.06)	8.323	2985520	19.684 ug/ml
7) T Acenaphthene (C15.5)	8.617	3157265	19.476 ug/ml
8) T Fluorene (C16.55)	9.393	3104264	19.477 ug/ml
9) T Phenanthrene (C19.36)	10.782	3063531	19.521 ug/ml
10) T Anthracene (C19.43)	10.856	2890879	22.989 ug/ml
12) T Fluoranthene (C21.85)	12.584	3050987	19.429 ug/ml
13) T Pyrene (C20.8)	12.879	2980344	19.469 ug/ml
14) T Benzo[a]anthracene (C...	14.739	2827681	19.887 ug/ml
15) T Chrysene (C27.41)	14.781	2976565	19.629 ug/ml
16) T benzo[b]fluoranthene ...	16.279	2926131	19.456 ug/ml
17) T Bnezo[k]fluoranthene ...	16.312	2908231	19.196 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.654	2860782	19.718 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.009	2696397	19.067 ug/ml
20) T Dibenz[a,h]anthracene...	18.051	2785205	19.000 ug/ml
21) T Benzo[g,h,i]perylene ...	18.263	2745426	19.326 ug/ml

(f)=RT Delta > 1/2 Window

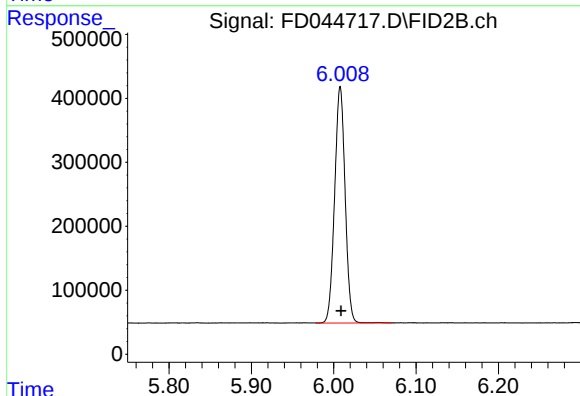
(m)=manual int.



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

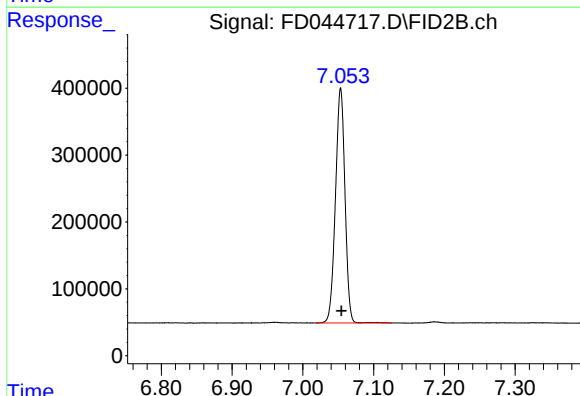
R.T.: 4.478 min
Delta R.T.: -0.002 min
Response: 3145327
Conc: 19.55 ug/ml

Instrument :
FID_D
ClientSampleId :



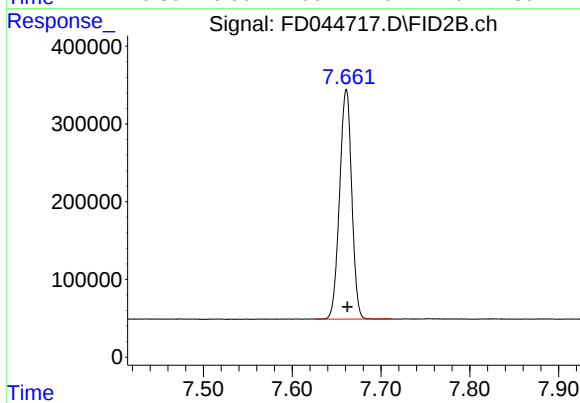
#2 Naphthalene (C11.7)

R.T.: 6.008 min
Delta R.T.: -0.001 min
Response: 3266943
Conc: 19.46 ug/ml



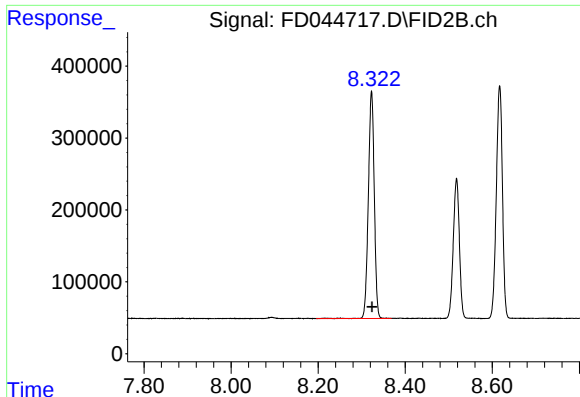
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.053 min
Delta R.T.: 0.000 min
Response: 3276648
Conc: 19.49 ug/ml



#4 2-Bromonaphthalene (SURR)

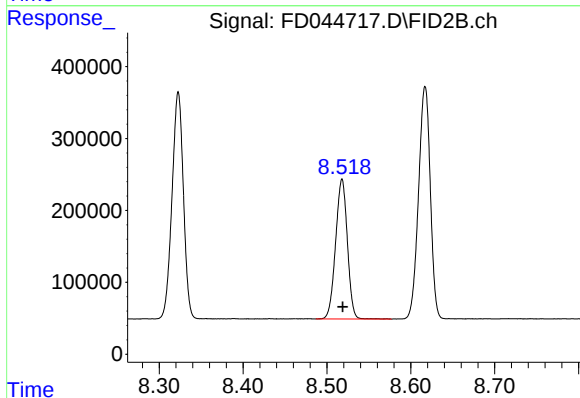
R.T.: 7.661 min
Delta R.T.: -0.001 min
Response: 2805649
Conc: 19.46 ug/ml



#5 Acenaphthylene (C15.06)

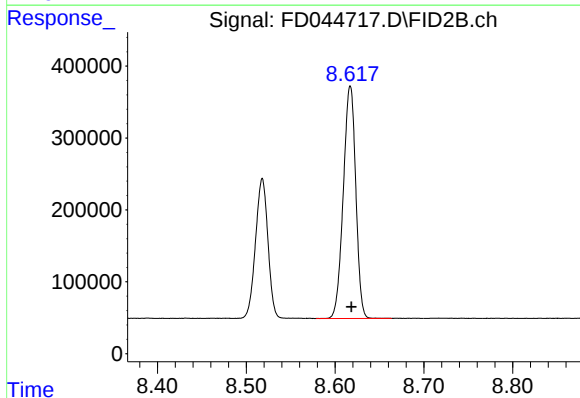
R.T.: 8.323 min
Delta R.T.: -0.001 min
Response: 2985520
Conc: 19.68 ug/ml

Instrument :
FID_D
ClientSampleId :



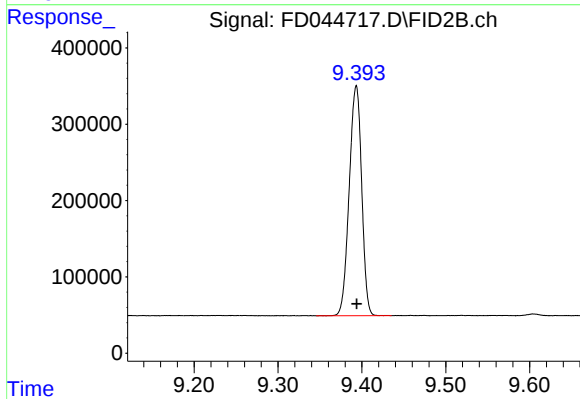
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.518 min
Delta R.T.: 0.000 min
Response: 1892775
Conc: 19.50 ug/ml



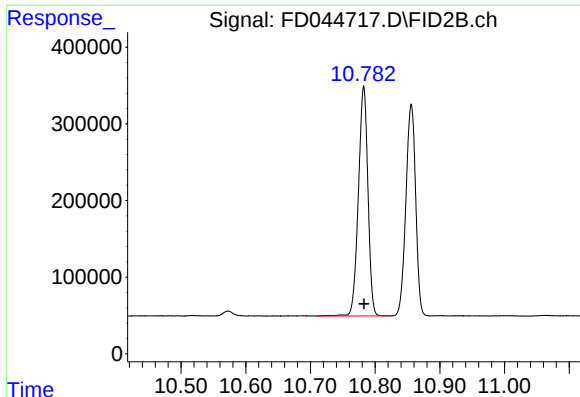
#7 Acenaphthene (C15.5)

R.T.: 8.617 min
Delta R.T.: -0.001 min
Response: 3157265
Conc: 19.48 ug/ml



#8 Flouorene (C16.55)

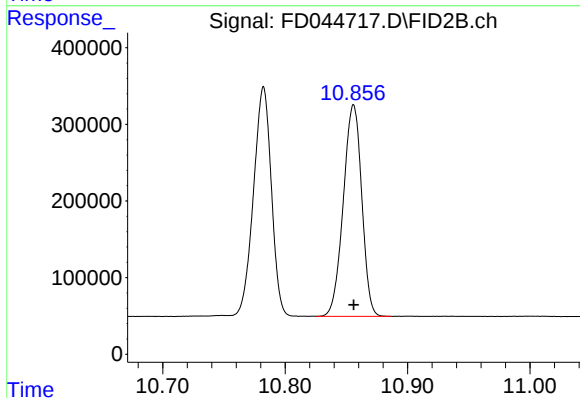
R.T.: 9.393 min
Delta R.T.: 0.000 min
Response: 3104264
Conc: 19.48 ug/ml



#9 Phenanthrene (C19.36)

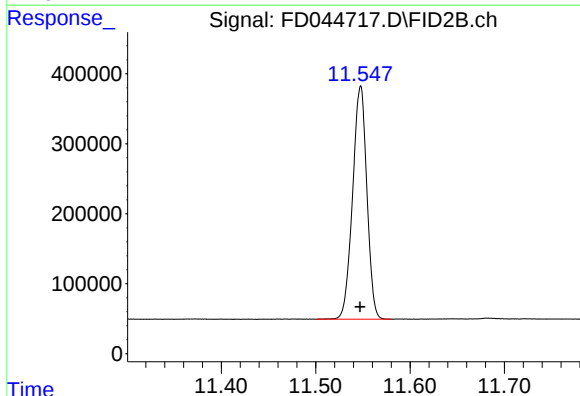
R.T.: 10.782 min
Delta R.T.: 0.000 min
Response: 3063531
Conc: 19.52 ug/ml

Instrument :
FID_D
ClientSampleId :



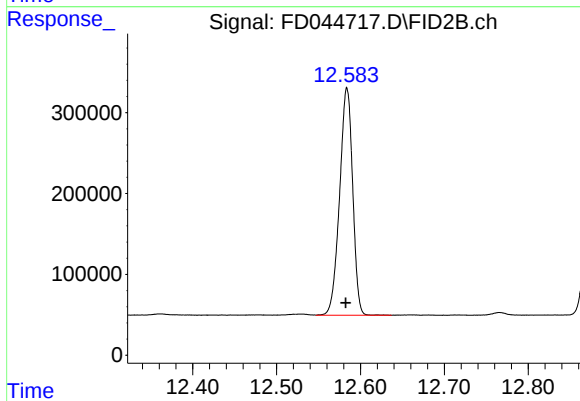
#10 Anthracene (C19.43)

R.T.: 10.856 min
Delta R.T.: 0.000 min
Response: 2890879
Conc: 22.99 ug/ml



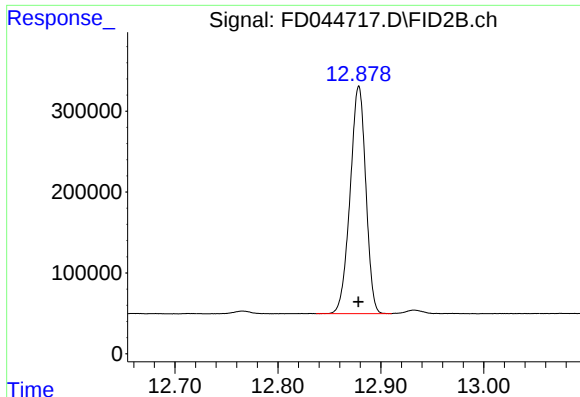
#11 ortho-Terphenyl (SURR)

R.T.: 11.547 min
Delta R.T.: 0.000 min
Response: 3498496
Conc: 19.42 ug/ml



#12 Fluoranthene (C21.85)

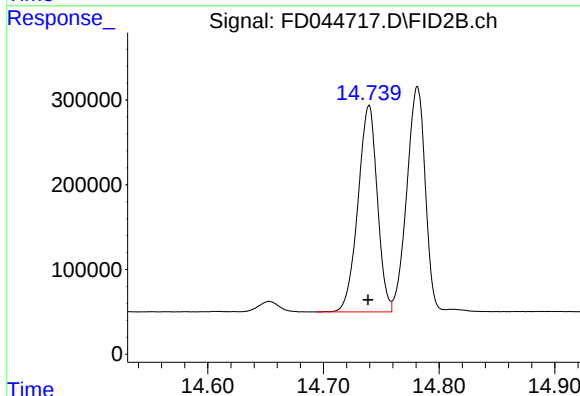
R.T.: 12.584 min
Delta R.T.: 0.001 min
Response: 3050987
Conc: 19.43 ug/ml



#13 Pyrene (C20.8)

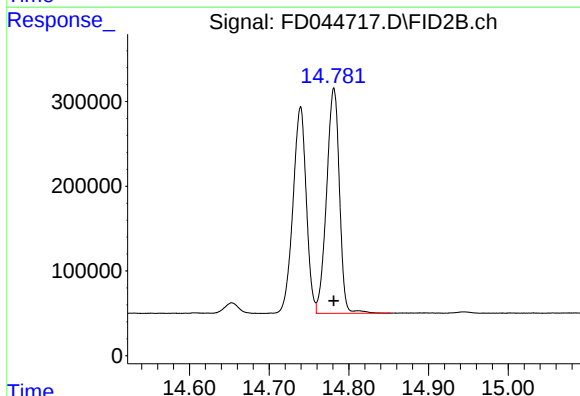
R.T.: 12.879 min
Delta R.T.: 0.000 min
Response: 2980344
Conc: 19.47 ug/ml

Instrument :
FID_D
ClientSampleId :



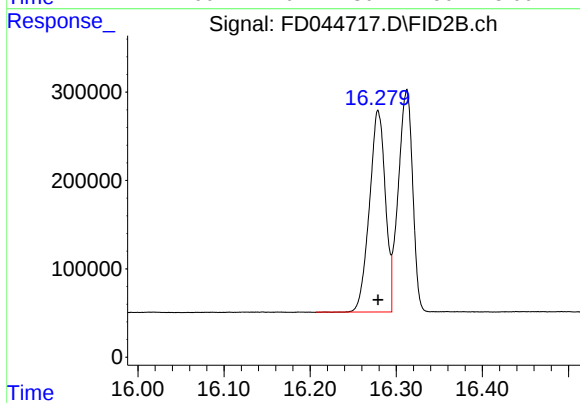
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.739 min
Delta R.T.: 0.000 min
Response: 2827681
Conc: 19.89 ug/ml



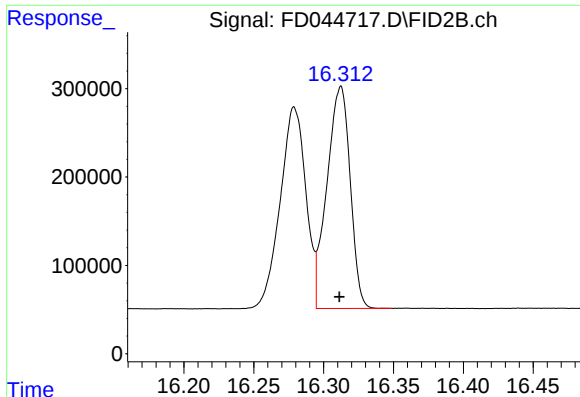
#15 Chrysene (C27.41)

R.T.: 14.781 min
Delta R.T.: 0.000 min
Response: 2976565
Conc: 19.63 ug/ml



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

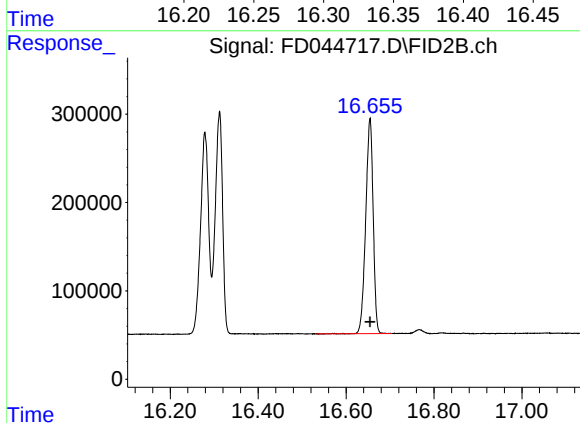
R.T.: 16.279 min
Delta R.T.: 0.000 min
Response: 2926131
Conc: 19.46 ug/ml



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

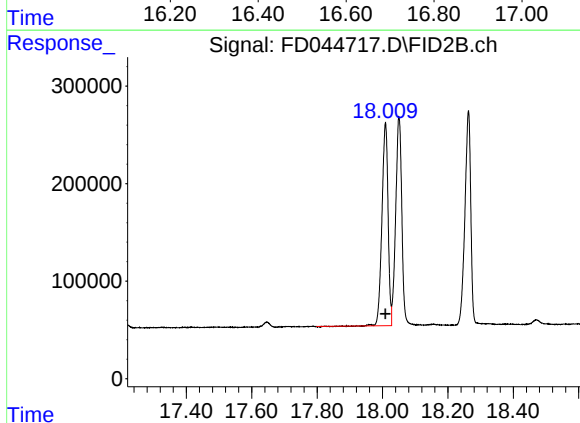
R.T.: 16.312 min
Delta R.T.: 0.000 min
Response: 2908231
Conc: 19.20 ug/ml

Instrument :
FID_D
ClientSampleId :



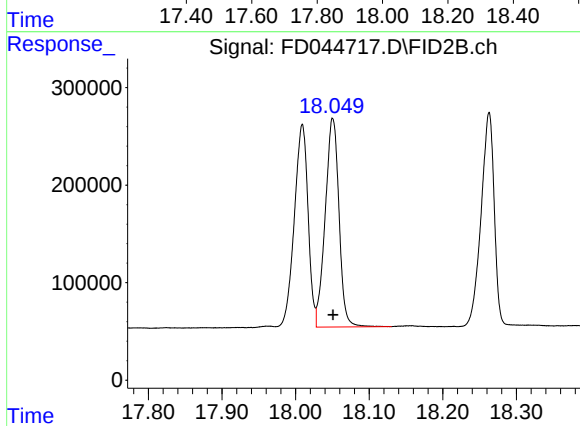
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.654 min
Delta R.T.: 0.000 min
Response: 2860782
Conc: 19.72 ug/ml



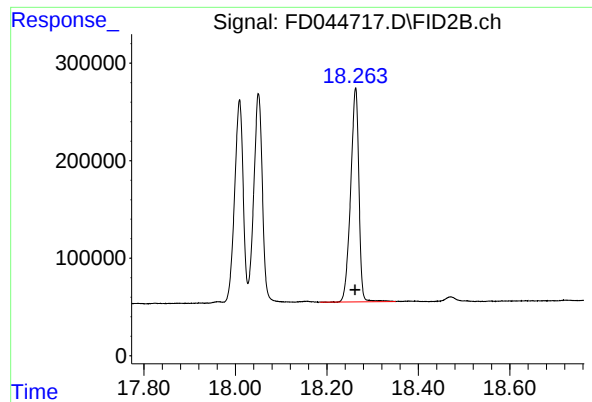
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.009 min
Delta R.T.: 0.000 min
Response: 2696397
Conc: 19.07 ug/ml



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

R.T.: 18.051 min
Delta R.T.: 0.000 min
Response: 2785205
Conc: 19.00 ug/ml



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

R.T.: 18.263 min
Delta R.T.: 0.000 min
Response: 2745426
Conc: 19.33 ug/ml

Instrument :

FID_D

ClientSampleId :