

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122422AR\
 Data File : FD044712.D
 Signal(s) : FID2B.ch
 Acq On : 24 Dec 2022 11:41
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD3
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD3

Integration File: autoint1.e
 Quant Time: Dec 25 16:33:27 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 122422.M
 Quant Title : GC Extractables
 QLast Update : Sun Dec 25 16:32:43 2022
 Response via : Initial Calibration
 Integrator: ChemStation

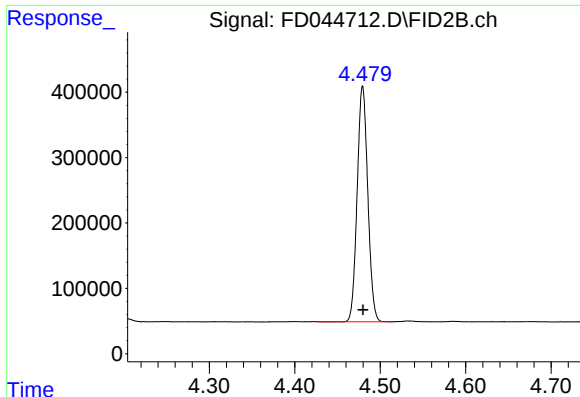
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.662	2773629	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	8.519	1862179	20.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.00%
11) S ortho-Terphenyl (SURR)	11.547	3462730	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.480	3109635	20.000 ug/ml
2) T Naphthalene (C11.7)	6.009	3234260	20.000 ug/ml
3) T 2-Methylnaphthalene (...)	7.054	3222183	20.000 ug/ml
5) T Acenaphthylene (C15.06)	8.324	2957110	20.000 ug/ml
7) T Acenaphthene (C15.5)	8.618	3121601	20.000 ug/ml
8) T Fluorene (C16.55)	9.394	3080648	20.000 ug/ml
9) T Phenanthrene (C19.36)	10.783	3024753	20.000 ug/ml
10) T Anthracene (C19.43)	10.856	2874931	20.000 ug/ml
12) T Fluoranthene (C21.85)	12.583	3005550	20.000 ug/ml
13) T Pyrene (C20.8)	12.878	2944483	20.000 ug/ml
14) T Benzo[a]anthracene (C...	14.739	2785850	20.000 ug/ml
15) T Chrysene (C27.41)	14.781	2914693	20.000 ug/ml
16) T benzo[b]fluoranthene ...	16.279	2891003	20.000 ug/ml
17) T Bnezo[k]fluoranthene ...	16.311	2871196	20.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.655	2835479	20.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.010	2688013	20.000 ug/ml
20) T Dibenz[a,h]anthracene...	18.051	2764401	20.000 ug/ml
21) T Benzo[g,h,i]perylene ...	18.262	2733862	20.000 ug/ml

(f)=RT Delta > 1/2 Window

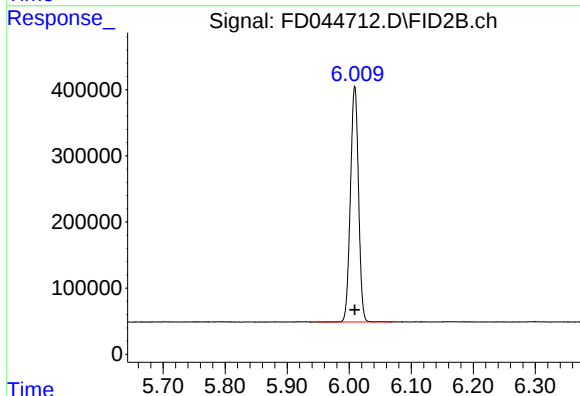
(m)=manual int.



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

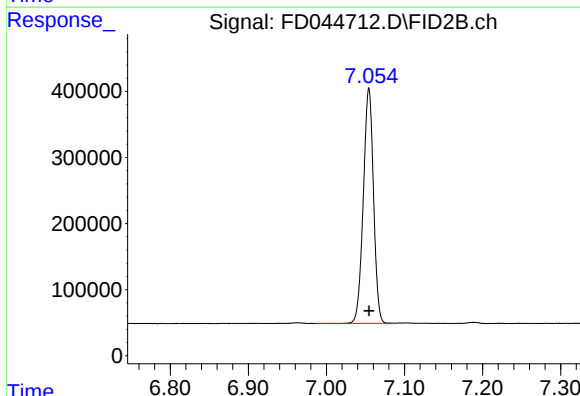
R.T.: 4.480 min
Delta R.T.: 0.000 min
Response: 3109635
Conc: 20.00 ug/ml

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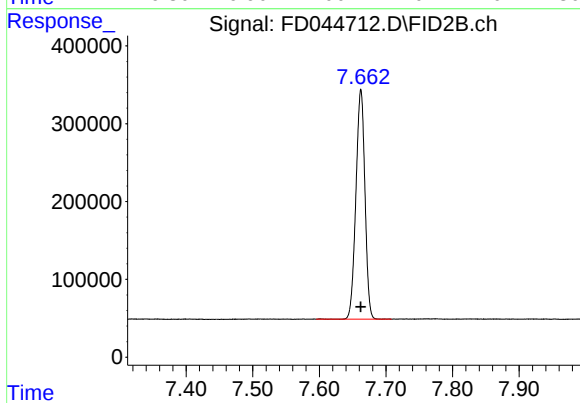
#2 Naphthalene (C11.7)

R.T.: 6.009 min
Delta R.T.: 0.000 min
Response: 3234260
Conc: 20.00 ug/ml



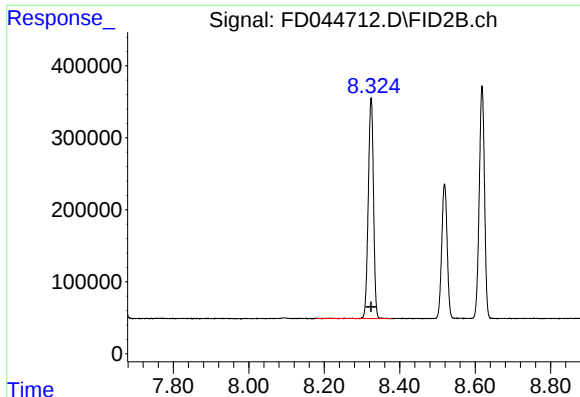
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.054 min
Delta R.T.: 0.000 min
Response: 3222183
Conc: 20.00 ug/ml



#4 2-Bromonaphthalene (SURR)

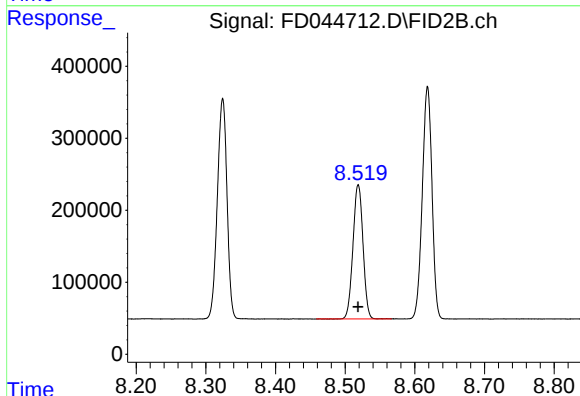
R.T.: 7.662 min
Delta R.T.: 0.000 min
Response: 2773629
Conc: 20.00 ug/ml



#5 Acenaphthylene (C15.06)

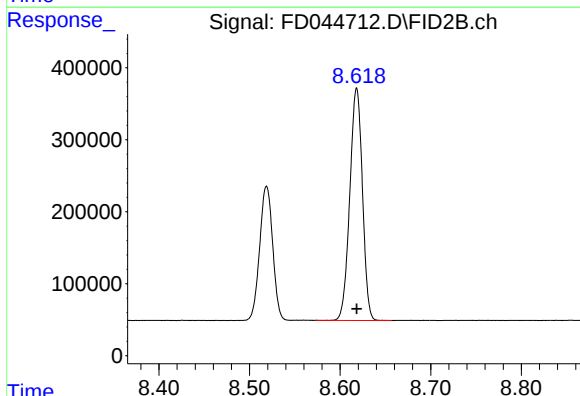
R.T.: 8.324 min
Delta R.T.: 0.000 min
Response: 2957110
Conc: 20.00 ug/ml

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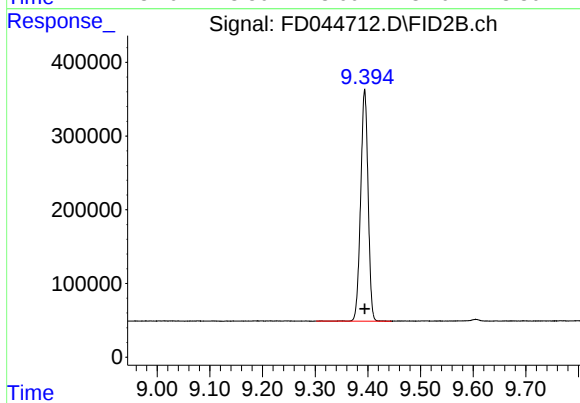
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.519 min
Delta R.T.: 0.000 min
Response: 1862179
Conc: 20.00 ug/ml



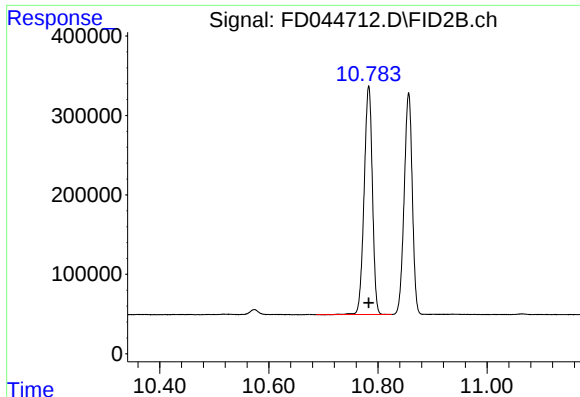
#7 Acenaphthene (C15.5)

R.T.: 8.618 min
Delta R.T.: 0.000 min
Response: 3121601
Conc: 20.00 ug/ml



#8 Fluorene (C16.55)

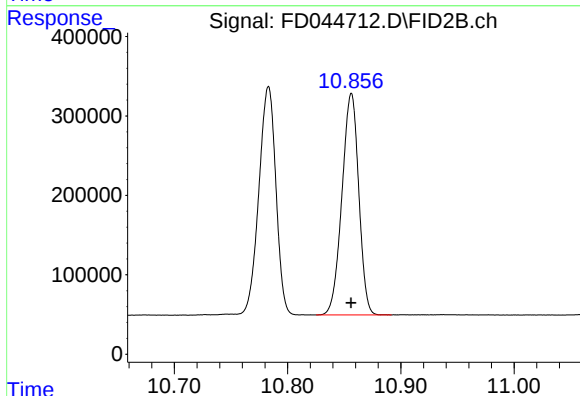
R.T.: 9.394 min
Delta R.T.: 0.000 min
Response: 3080648
Conc: 20.00 ug/ml



#9 Phenanthrene (C19.36)

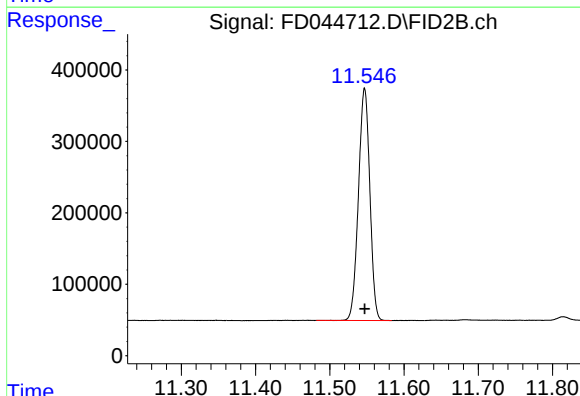
R.T.: 10.783 min
Delta R.T.: 0.000 min
Response: 3024753
Conc: 20.00 ug/ml

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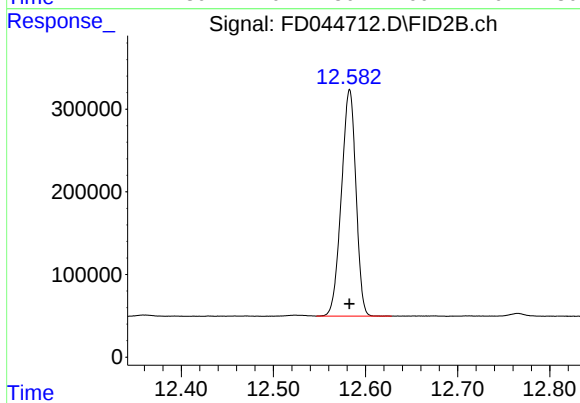
#10 Anthracene (C19.43)

R.T.: 10.856 min
Delta R.T.: 0.000 min
Response: 2874931
Conc: 20.00 ug/ml



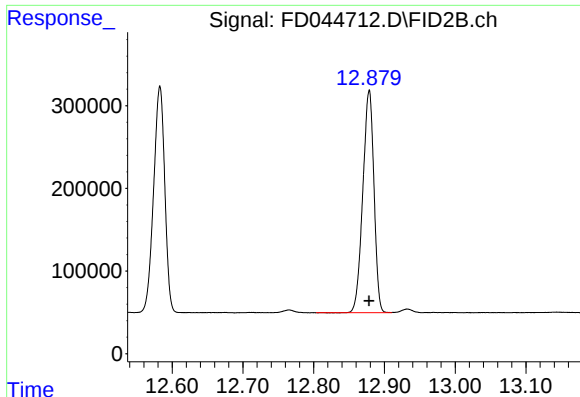
#11 ortho-Terphenyl (SURR)

R.T.: 11.547 min
Delta R.T.: 0.000 min
Response: 3462730
Conc: 20.00 ug/ml



#12 Fluoranthene (C21.85)

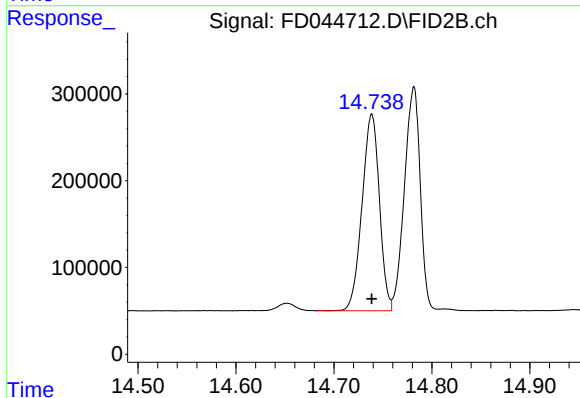
R.T.: 12.583 min
Delta R.T.: 0.000 min
Response: 3005550
Conc: 20.00 ug/ml



#13 Pyrene (C20.8)

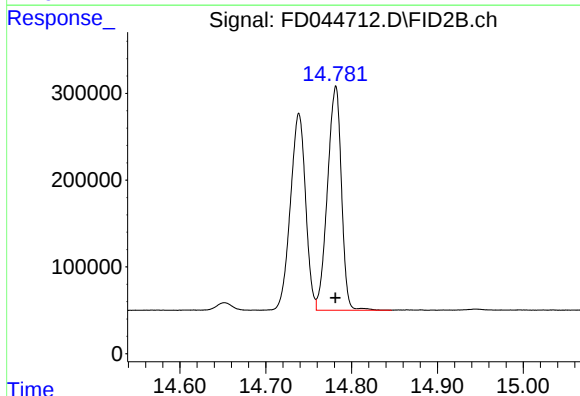
R.T.: 12.878 min
Delta R.T.: 0.000 min
Response: 2944483
Conc: 20.00 ug/ml

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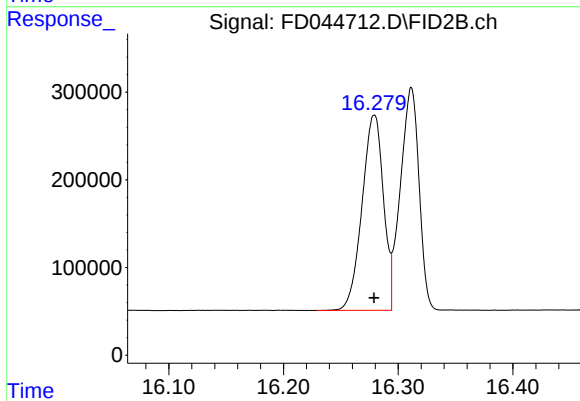
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.739 min
Delta R.T.: 0.000 min
Response: 2785850
Conc: 20.00 ug/ml



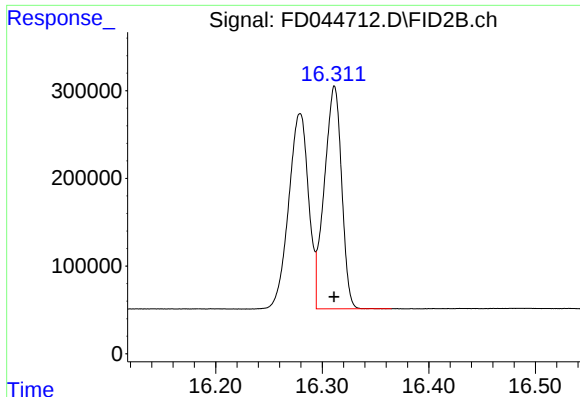
#15 Chrysene (C27.41)

R.T.: 14.781 min
Delta R.T.: 0.000 min
Response: 2914693
Conc: 20.00 ug/ml



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

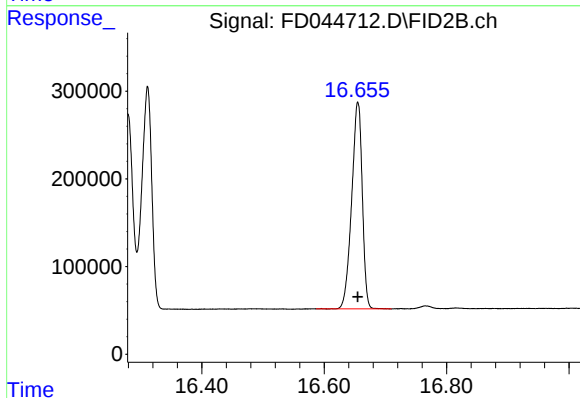
R.T.: 16.279 min
Delta R.T.: 0.000 min
Response: 2891003
Conc: 20.00 ug/ml



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

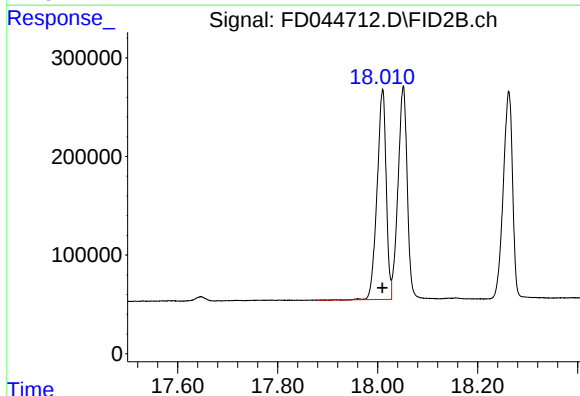
R.T.: 16.311 min
Delta R.T.: 0.000 min
Response: 2871196
Conc: 20.00 ug/ml

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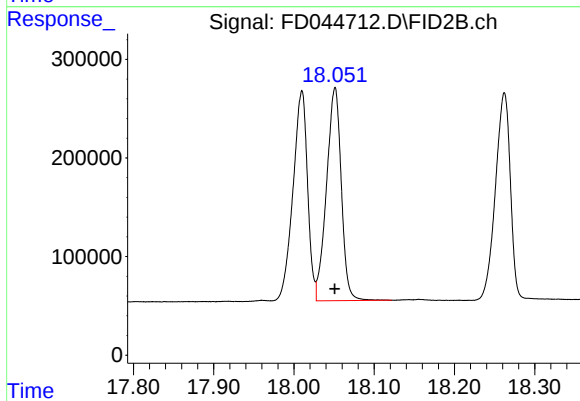
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.655 min
Delta R.T.: 0.000 min
Response: 2835479
Conc: 20.00 ug/ml



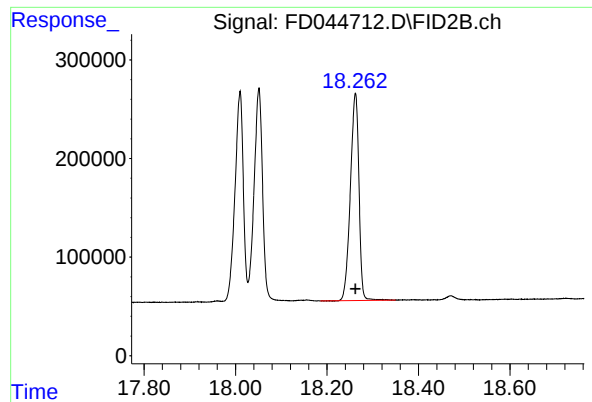
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.010 min
Delta R.T.: 0.000 min
Response: 2688013
Conc: 20.00 ug/ml



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

R.T.: 18.051 min
Delta R.T.: 0.000 min
Response: 2764401
Conc: 20.00 ug/ml



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

R.T.: 18.262 min
Delta R.T.: 0.000 min
Response: 2733862
Conc: 20.00 ug/ml

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