

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122322AR\
 Data File : FD044698.D
 Signal(s) : FID2B.ch
 Acq On : 24 Dec 2022 01:08
 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

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/27/2022
 Supervised By :Ankita Jodhani 12/27/2022

Integration File: autoint1.e
 Quant Time: Dec 25 14:28:38 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

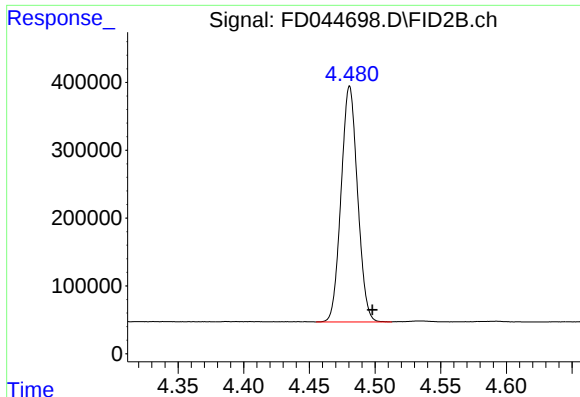
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.662	2703538	20.832 ug/mlm
Spiked Amount 50.000		Recovery =	41.66%
6) S 2-Fluorobiphenyl (SURR)	8.520	1819765	20.605 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.21%
11) S ortho-Terphenyl (SURR)	11.549	3383601	20.791 ug/ml
Spiked Amount 50.000		Recovery =	41.58%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.480	3033710	21.259 ug/mlm
2) T Naphthalene (C11.7)	6.009	3139577	20.881 ug/mlm
3) T 2-Methylnaphthalene (...)	7.055	3151149	20.856 ug/mlm
5) T Acenaphthylene (C15.06)	8.324	2873029	20.667 ug/mlm
7) T Acenaphthene (C15.5)	8.619	3055606	20.821 ug/ml
8) T Flouorene (C16.55)	9.396	2988681	20.728 ug/mlm
9) T Phenanthrene (C19.36)	10.784	2935886	20.588 ug/mlm
10) T Anthracene (C19.43)	10.858	2804766	20.188 ug/ml
12) T Fluoranthene (C21.85)	12.586	2944187	20.653 ug/ml
13) T Pyrene (C20.8)	12.880	2860154	20.552 ug/ml
14) T Benzo[a]anthracene (C...	14.741	2698835	20.858 ug/mlm
15) T Chrysene (C27.41)	14.783	2793346	20.720 ug/ml
16) T benzo[b]fluoranthene ...	16.283	2821677	21.438 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.314	2775115	21.311 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.658	2751109	21.287 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	18.013	2617089	20.534 ug/mlm
20) T Dibenz[a,h]anthracene...	18.054	2637244	20.960 ug/ml
21) T Benzo[g,h,i]perylene ...	18.266	2660292	20.684 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.



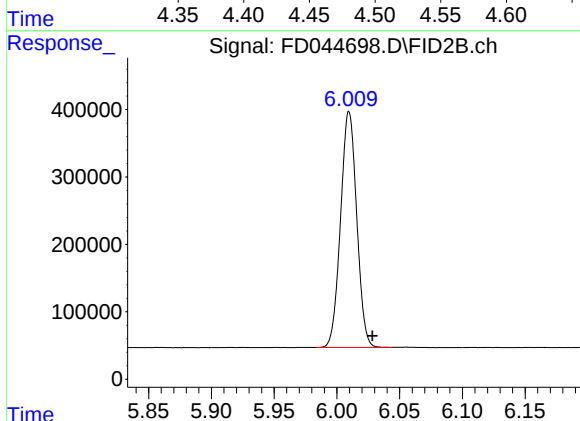
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.480 min
Delta R.T.: -0.018 min
Response: 3033710
Conc: 21.26 ug/ml

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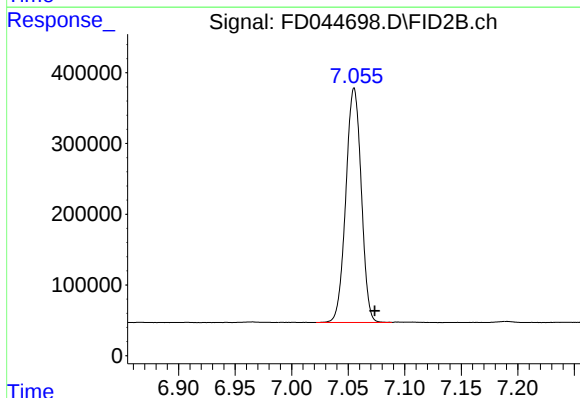
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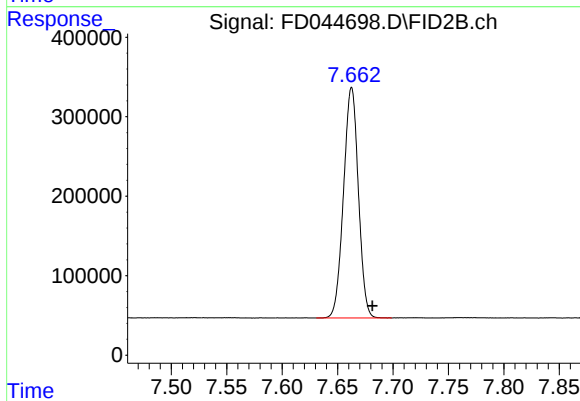
#2 Naphthalene (C11.7)

R.T.: 6.009 min
Delta R.T.: -0.019 min
Response: 3139577
Conc: 20.88 ug/ml m



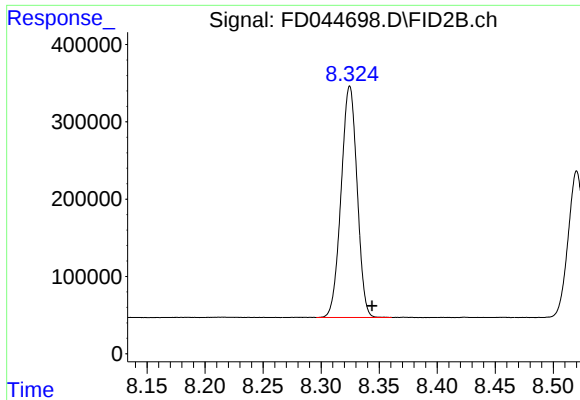
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.055 min
Delta R.T.: -0.019 min
Response: 3151149
Conc: 20.86 ug/ml m



#4 2-Bromonaphthalene (SURR)

R.T.: 7.662 min
Delta R.T.: -0.019 min
Response: 2703538
Conc: 20.83 ug/ml m



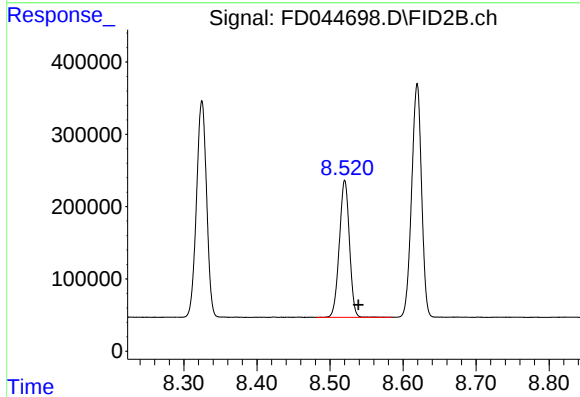
#5 Acenaphthylene (C15.06)

R.T.: 8.324 min
Delta R.T.: -0.019 min
Response: 2873029
Conc: 20.67 ug/ml

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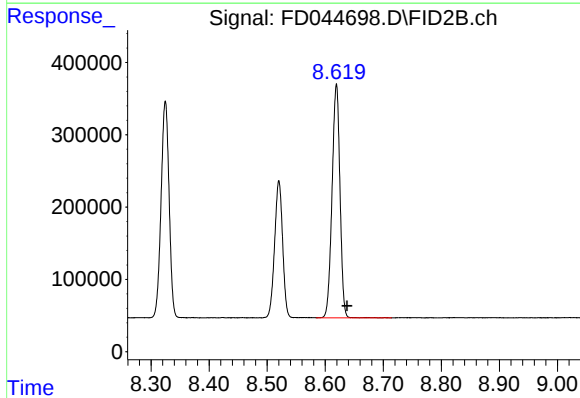
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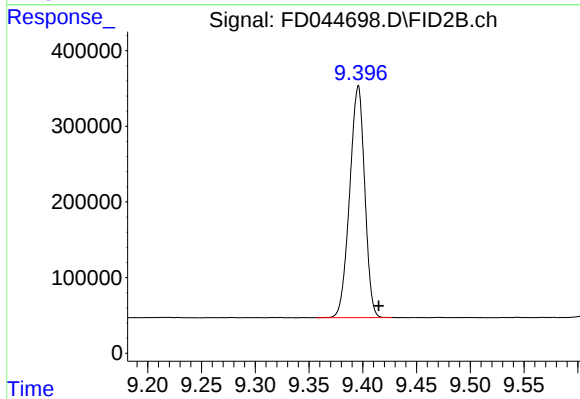
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.520 min
Delta R.T.: -0.019 min
Response: 1819765
Conc: 20.60 ug/ml



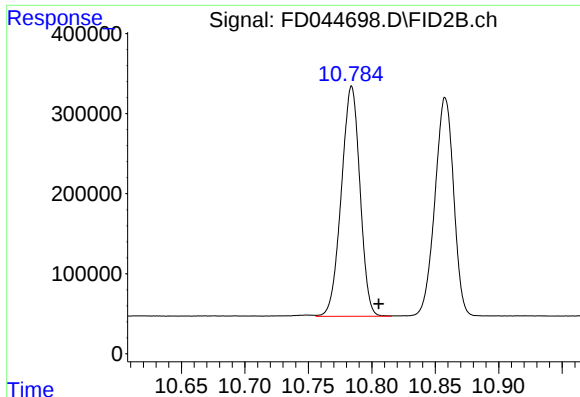
#7 Acenaphthene (C15.5)

R.T.: 8.619 min
Delta R.T.: -0.019 min
Response: 3055606
Conc: 20.82 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.396 min
Delta R.T.: -0.019 min
Response: 2988681
Conc: 20.73 ug/ml m



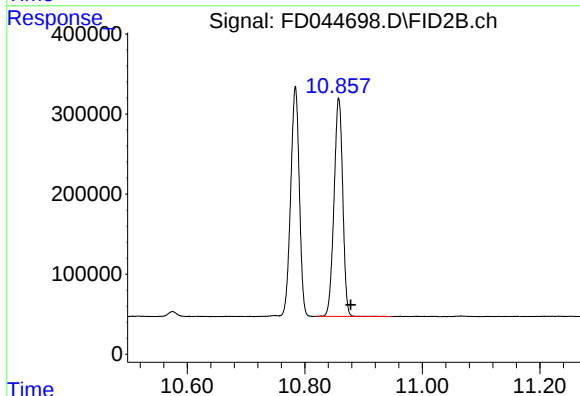
#9 Phenanthrene (C19.36)

R.T.: 10.784 min
Delta R.T.: -0.022 min
Response: 2935886
Conc: 20.59 ug/ml

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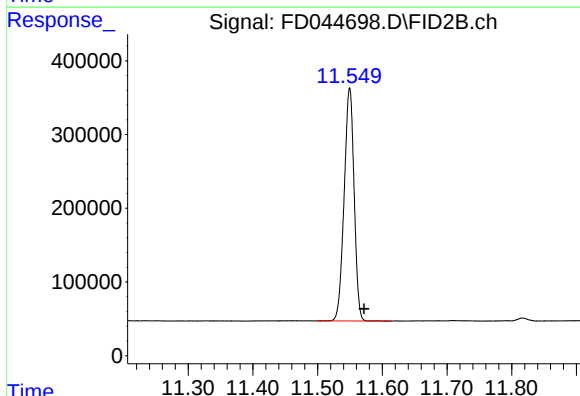
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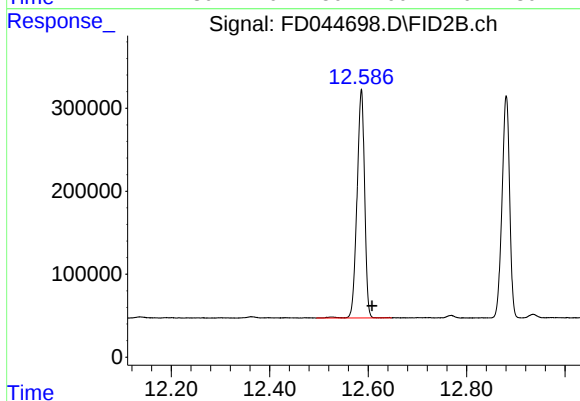
#10 Anthracene (C19.43)

R.T.: 10.858 min
Delta R.T.: -0.021 min
Response: 2804766
Conc: 20.19 ug/ml



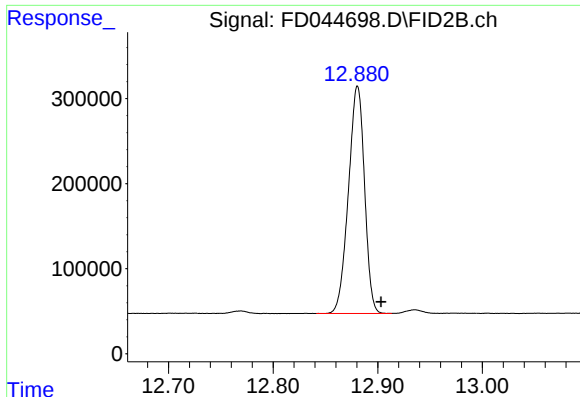
#11 ortho-Terphenyl (SURR)

R.T.: 11.549 min
Delta R.T.: -0.023 min
Response: 3383601
Conc: 20.79 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.586 min
Delta R.T.: -0.023 min
Response: 2944187
Conc: 20.65 ug/ml



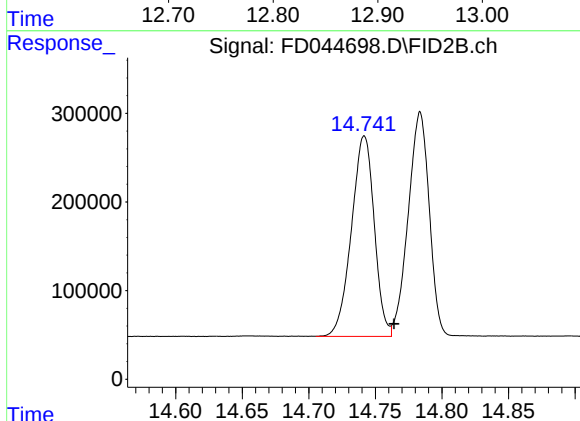
#13 Pyrene (C20.8)

R.T.: 12.880 min
Delta R.T.: -0.023 min
Response: 2860154
Conc: 20.55 ug/ml

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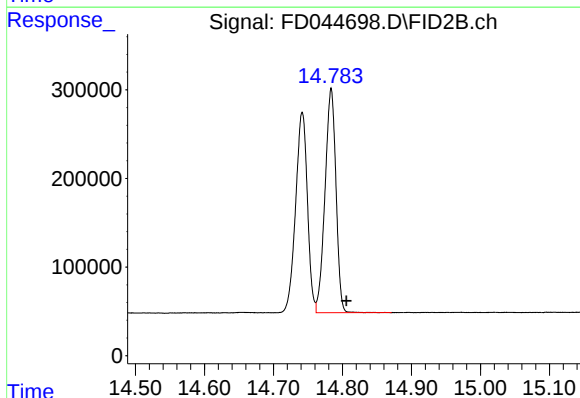
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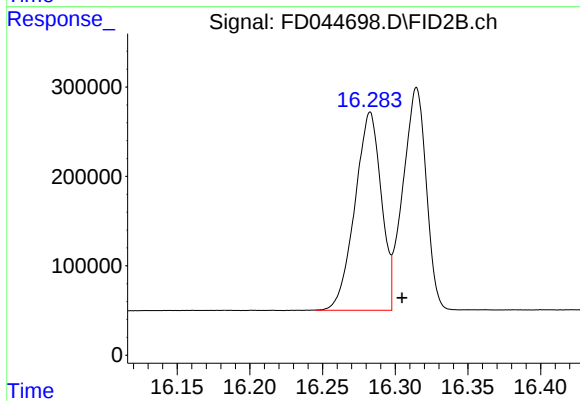
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.741 min
Delta R.T.: -0.023 min
Response: 2698835
Conc: 20.86 ug/ml m



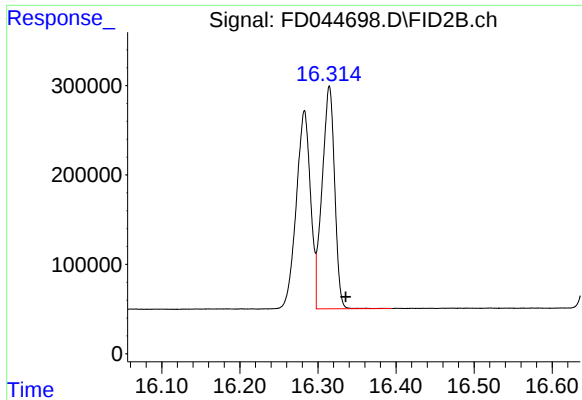
#15 Chrysene (C27.41)

R.T.: 14.783 min
Delta R.T.: -0.022 min
Response: 2793346
Conc: 20.72 ug/ml



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

R.T.: 16.283 min
Delta R.T.: -0.022 min
Response: 2821677
Conc: 21.44 ug/ml m



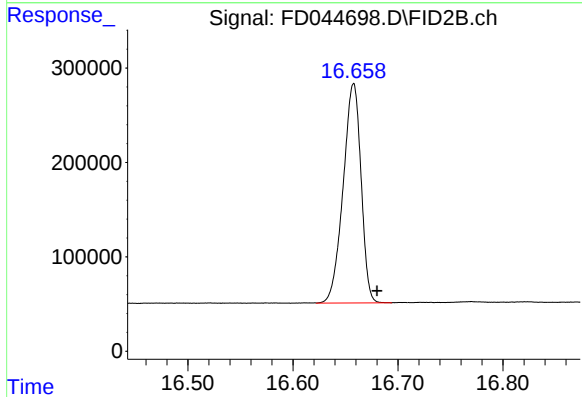
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.314 min
Delta R.T.: -0.022 min
Response: 2775115
Conc: 21.31 ug/ml

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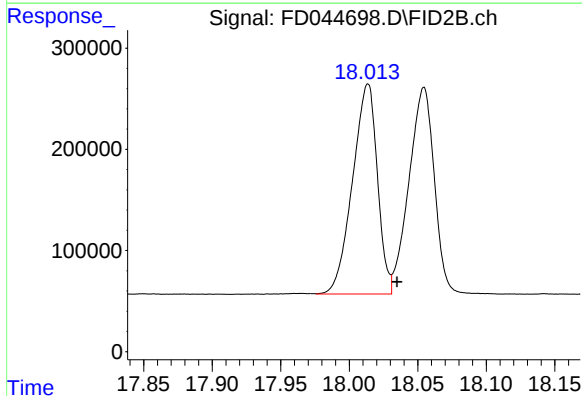
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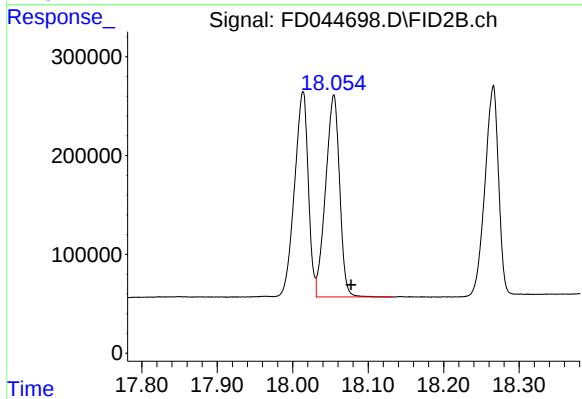
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.658 min
Delta R.T.: -0.022 min
Response: 2751109
Conc: 21.29 ug/ml m



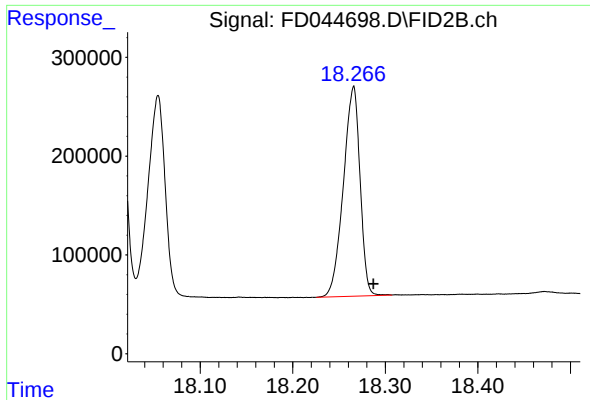
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.013 min
Delta R.T.: -0.022 min
Response: 2617089
Conc: 20.53 ug/ml m



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

R.T.: 18.054 min
Delta R.T.: -0.024 min
Response: 2637244
Conc: 20.96 ug/ml



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

R.T.: 18.266 min
Delta R.T.: -0.021 min
Response: 2660292
Conc: 20.68 ug/ml

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