

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112922AR\
 Data File : FD044533.D
 Signal(s) : FID2B.ch
 Acq On : 28 Nov 2022 19:35
 Operator : YP/AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 5 PPM AROMATIC HC STD5

Integration File: autoint1.e
 Quant Time: Nov 29 00:28:32 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112922.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 29 00:18:15 2022
 Response via : Initial Calibration
 Integrator: ChemStation

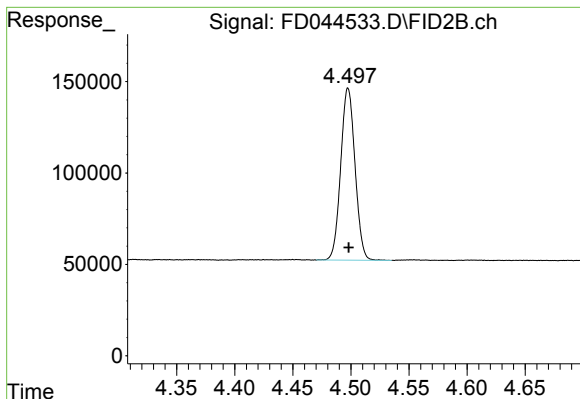
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.682	735371	5.666 ug/ml
Spiked Amount 50.000		Recovery =	11.33%
6) S 2-Fluorobiphenyl (SURR)	8.539	501658	5.680 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	11.36%
11) S ortho-Terphenyl (SURR)	11.572	923612	5.675 ug/ml
Spiked Amount 50.000		Recovery =	11.35%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.498	807584	5.659 ug/ml
2) T Naphthalene (C11.7)	6.028	852883	5.672 ug/ml
3) T 2-Methylnaphthalene (...)	7.074	855521	5.662 ug/ml
5) T Acenaphthylene (C15.06)	8.344	791855	5.696 ug/ml
7) T Acenaphthene (C15.5)	8.638	833399	5.679 ug/ml
8) T Fluorene (C16.55)	9.415	812888	5.638 ug/ml
9) T Phenanthrene (C19.36)	10.805	805977	5.652 ug/ml
10) T Anthracene (C19.43)	10.878	785657	5.655 ug/ml
12) T Fluoranthene (C21.85)	12.608	804904	5.646 ug/ml
13) T Pyrene (C20.8)	12.903	782564	5.623 ug/ml
14) T Benzo[a]anthracene (C...	14.764	728349	5.629 ug/ml
15) T Chrysene (C27.41)	14.806	762301	5.654 ug/ml
16) T benzo[b]fluoranthene ...	16.305	742153	5.639 ug/ml
17) T Bnezo[k]fluoranthene ...	16.336	736411	5.655 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.680	727399	5.628 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.035	706541	5.544 ug/ml
20) T Dibenz[a,h]anthracene...	18.077	726622	5.775 ug/ml
21) T Benzo[g,h,i]perylene ...	18.287	720619	5.603 ug/ml

(f)=RT Delta > 1/2 Window

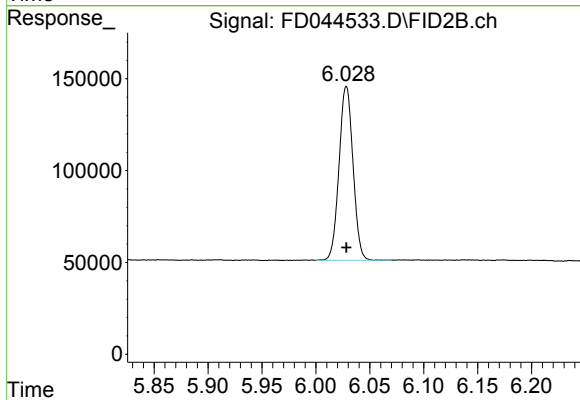
(m)=manual int.



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

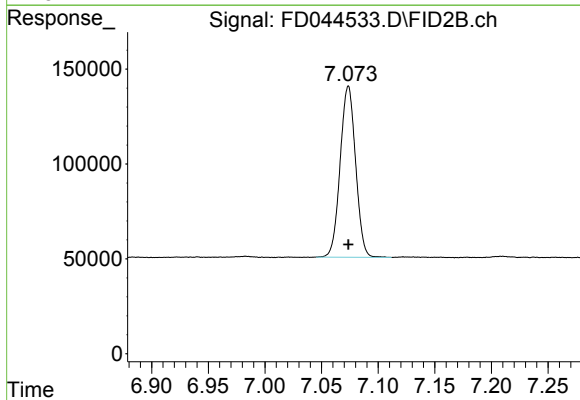
R.T.: 4.498 min
Delta R.T.: 0.000 min
Response: 807584
Conc: 5.66 ug/ml

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5 PPM AROMATIC HC STD5



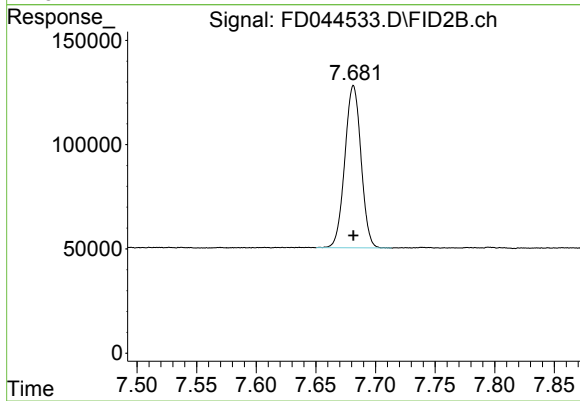
#2 Naphthalene (C11.7)

R.T.: 6.028 min
Delta R.T.: 0.000 min
Response: 852883
Conc: 5.67 ug/ml



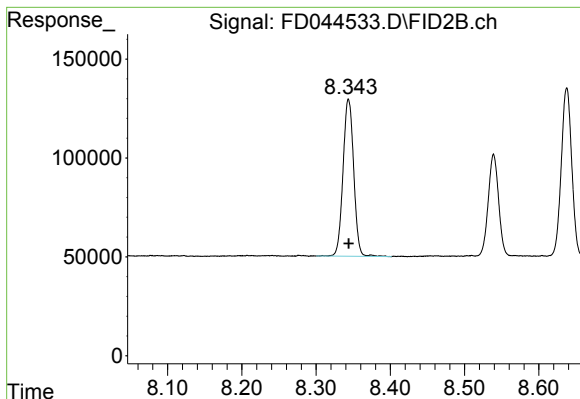
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.074 min
Delta R.T.: 0.000 min
Response: 855521
Conc: 5.66 ug/ml



#4 2-Bromonaphthalene (SURR)

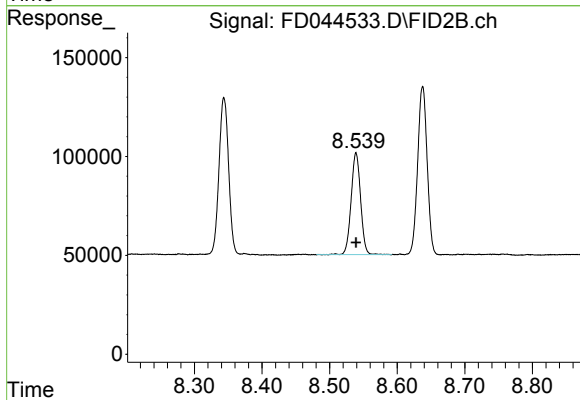
R.T.: 7.682 min
Delta R.T.: 0.000 min
Response: 735371
Conc: 5.67 ug/ml



#5 Acenaphthylene (C15.06)

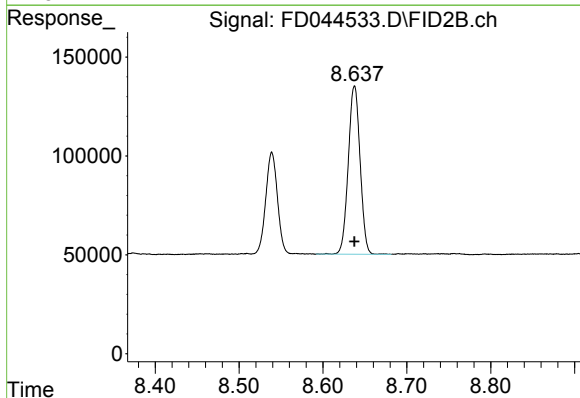
R.T.: 8.344 min
Delta R.T.: 0.000 min
Response: 791855
Conc: 5.70 ug/ml

Instrument :
FID_D
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5 PPM AROMATIC HC STD5



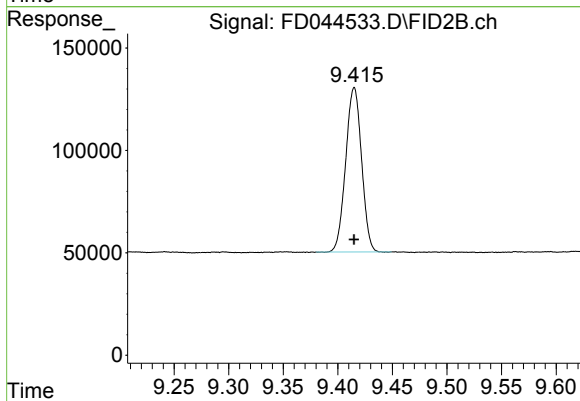
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.539 min
Delta R.T.: 0.000 min
Response: 501658
Conc: 5.68 ug/ml



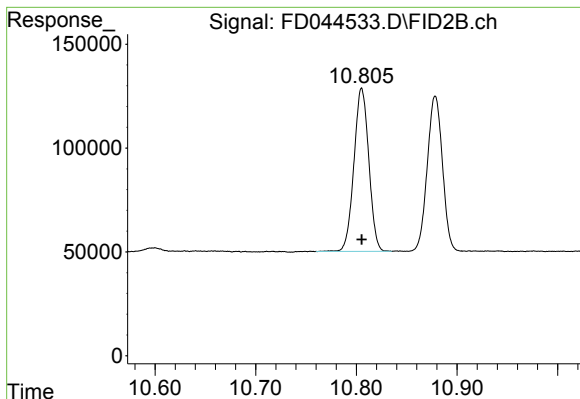
#7 Acenaphthene (C15.5)

R.T.: 8.638 min
Delta R.T.: 0.000 min
Response: 833399
Conc: 5.68 ug/ml



#8 Fluorene (C16.55)

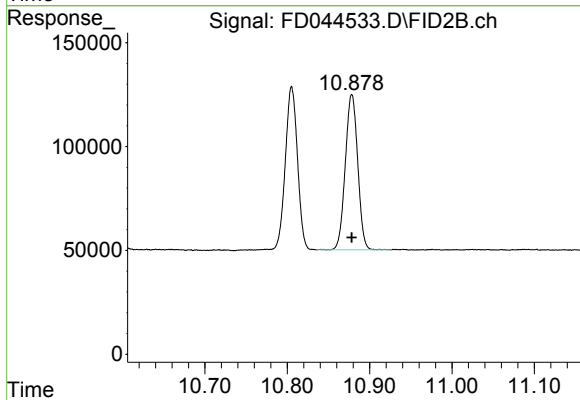
R.T.: 9.415 min
Delta R.T.: 0.000 min
Response: 812888
Conc: 5.64 ug/ml



#9 Phenanthrene (C19.36)

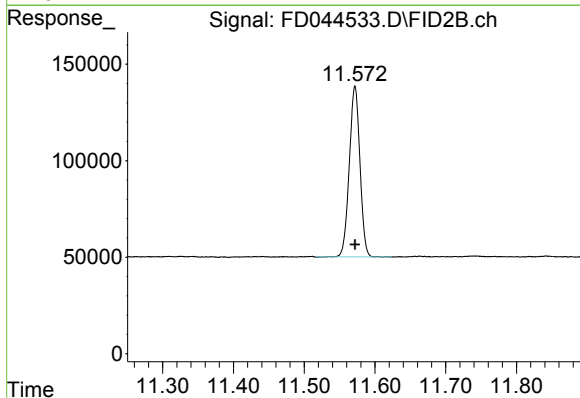
R.T.: 10.805 min
Delta R.T.: 0.000 min
Response: 805977
Conc: 5.65 ug/ml

Instrument :
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ClientSampleId :
5 PPM AROMATIC HC STD5



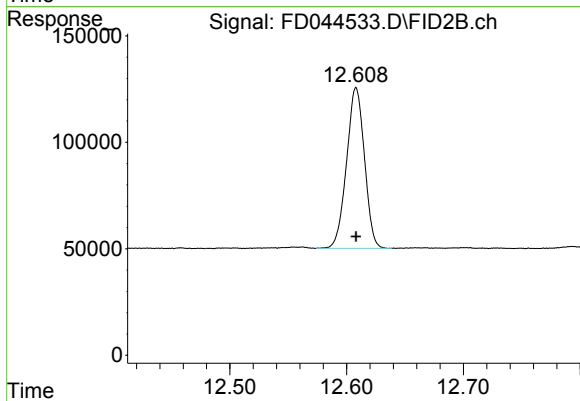
#10 Anthracene (C19.43)

R.T.: 10.878 min
Delta R.T.: 0.000 min
Response: 785657
Conc: 5.65 ug/ml



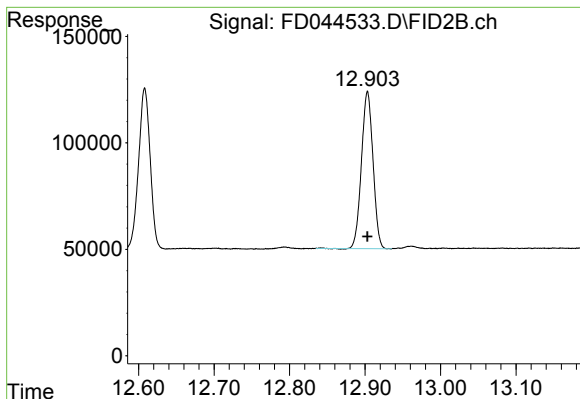
#11 ortho-Terphenyl (SURR)

R.T.: 11.572 min
Delta R.T.: 0.000 min
Response: 923612
Conc: 5.68 ug/ml



#12 Fluoranthene (C21.85)

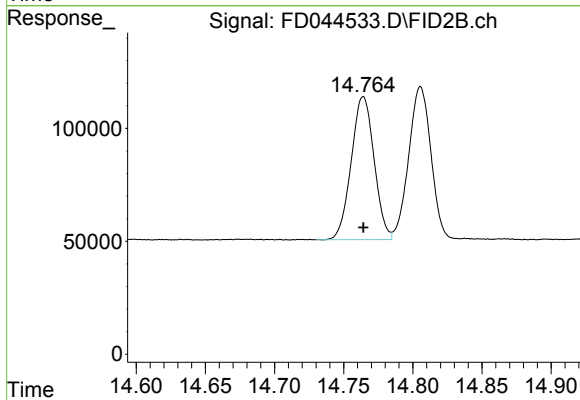
R.T.: 12.608 min
Delta R.T.: 0.000 min
Response: 804904
Conc: 5.65 ug/ml



#13 Pyrene (C20.8)

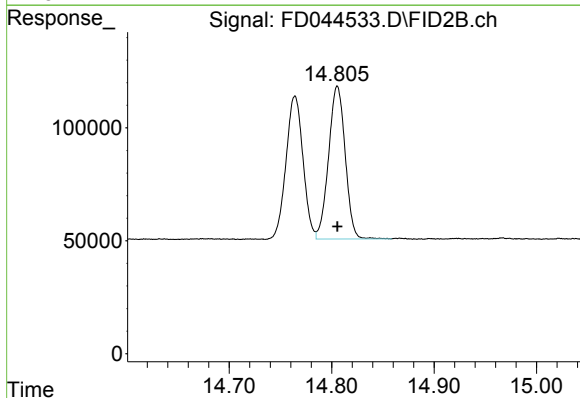
R.T.: 12.903 min
Delta R.T.: 0.000 min
Response: 782564
Conc: 5.62 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



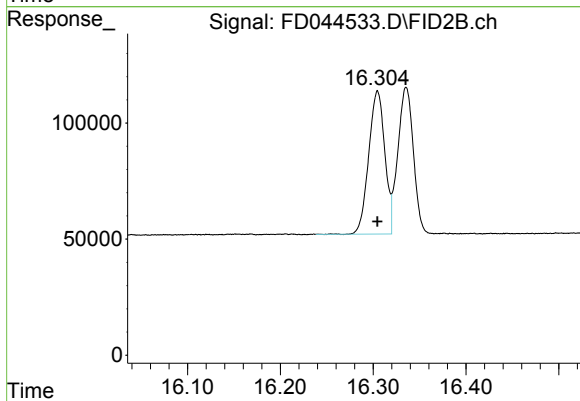
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.764 min
Delta R.T.: 0.000 min
Response: 728349
Conc: 5.63 ug/ml



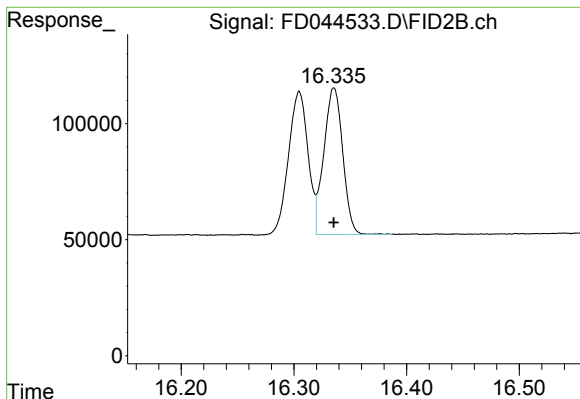
#15 Chrysene (C27.41)

R.T.: 14.806 min
Delta R.T.: 0.000 min
Response: 762301
Conc: 5.65 ug/ml



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

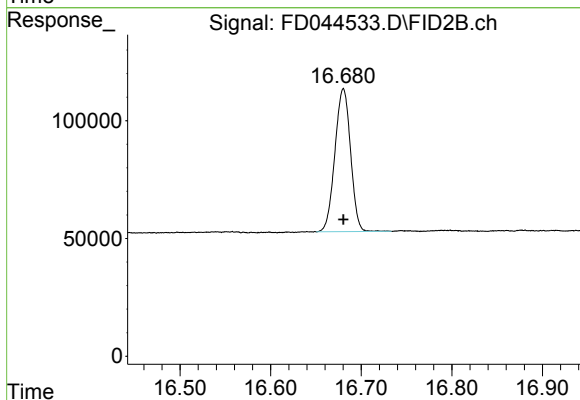
R.T.: 16.305 min
Delta R.T.: 0.000 min
Response: 742153
Conc: 5.64 ug/ml



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

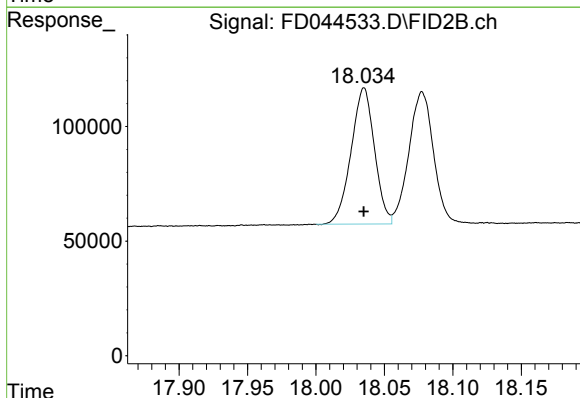
R.T.: 16.336 min
Delta R.T.: 0.000 min
Response: 736411
Conc: 5.66 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



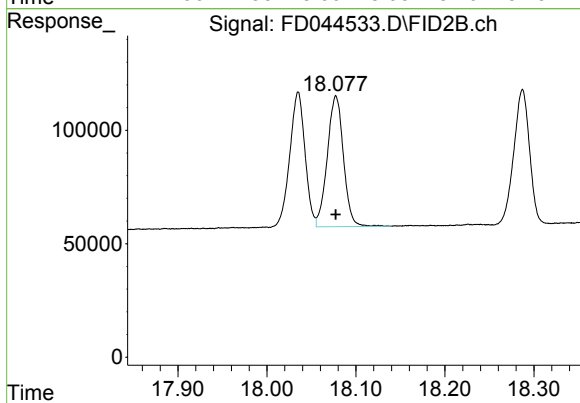
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.680 min
Delta R.T.: 0.000 min
Response: 727399
Conc: 5.63 ug/ml



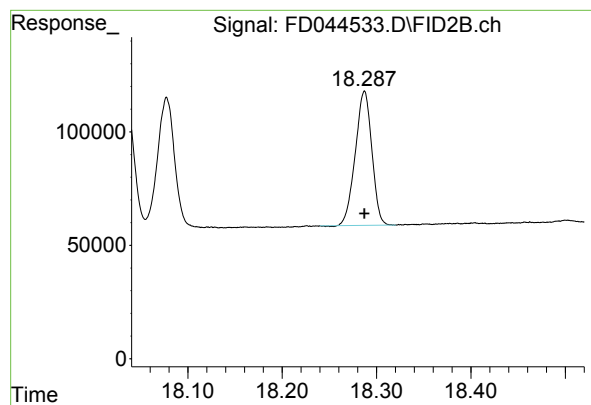
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.035 min
Delta R.T.: 0.000 min
Response: 706541
Conc: 5.54 ug/ml



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

R.T.: 18.077 min
Delta R.T.: 0.000 min
Response: 726622
Conc: 5.77 ug/ml



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

R.T.: 18.287 min
Delta R.T.: 0.000 min
Response: 720619
Conc: 5.60 ug/ml

Instrument :

FID_D

ClientSampleId :

5 PPM AROMATIC HC STD5