

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112922AR\
 Data File : FD044534.D
 Signal(s) : FID2B.ch
 Acq On : 28 Nov 2022 20:18
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Nov 29 00:30:23 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

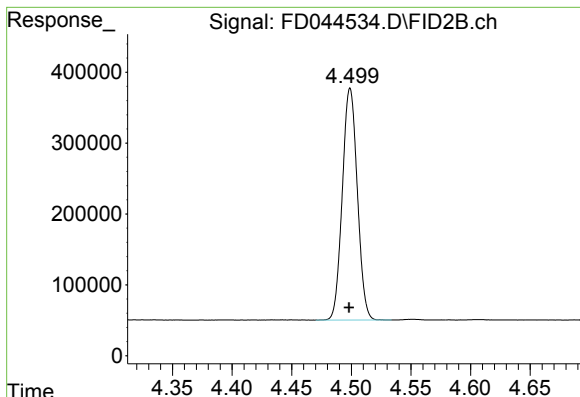
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.684	2602217	20.051 ug/ml
Spiked Amount 50.000		Recovery =	40.10%
6) S 2-Fluorobiphenyl (SURR)	8.542	1765817	19.994 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.99%
11) S ortho-Terphenyl (SURR)	11.574	3261305	20.039 ug/ml
Spiked Amount 50.000		Recovery =	40.08%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.499	2866777	20.089 ug/ml
2) T Naphthalene (C11.7)	6.030	3022031	20.099 ug/ml
3) T 2-Methylnaphthalene (...)	7.076	3031553	20.065 ug/ml
5) T Acenaphthylene (C15.06)	8.347	2773679	19.952 ug/ml
7) T Acenaphthene (C15.5)	8.641	2942086	20.048 ug/ml
8) T Flouorene (C16.55)	9.418	2900419	20.116 ug/ml
9) T Phenanthrene (C19.36)	10.809	2860068	20.056 ug/ml
10) T Anthracene (C19.43)	10.883	2783509	20.035 ug/ml
12) T Fluoranthene (C21.85)	12.612	2859497	20.058 ug/ml
13) T Pyrene (C20.8)	12.907	2789361	20.043 ug/ml
14) T Benzo[a]anthracene (C...	14.769	2587161	19.995 ug/ml
15) T Chrysene (C27.41)	14.811	2689474	19.949 ug/ml
16) T benzo[b]fluoranthene ...	16.309	2636786	20.033 ug/ml
17) T Bnezo[k]fluoranthene ...	16.342	2610477	20.047 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.686	2577879	19.947 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.042	2522973	19.796 ug/ml
20) T Dibenz[a,h]anthracene...	18.083	2497970	19.853 ug/ml
21) T Benzo[g,h,i]perylene ...	18.295	2570157	19.983 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.



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

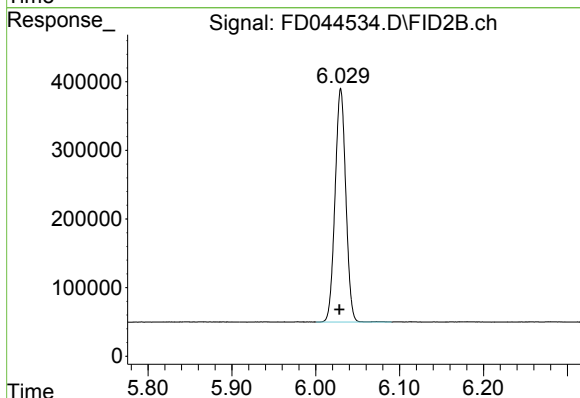
R.T.: 4.499 min
Delta R.T.: 0.001 min
Response: 2866777
Conc: 20.09 ug/ml

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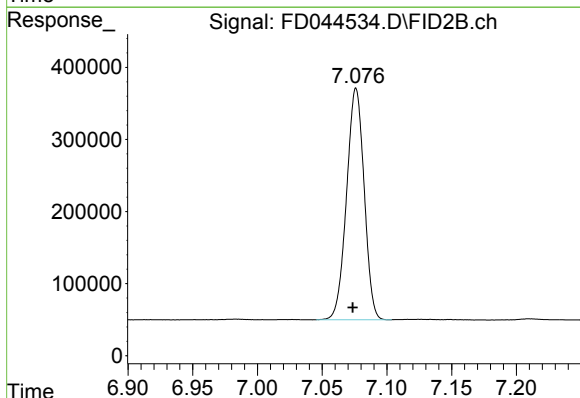
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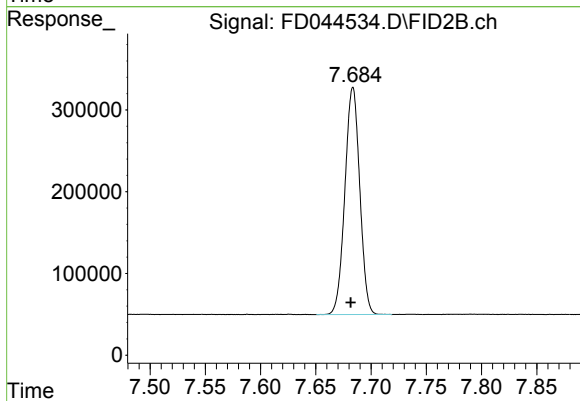
#2 Naphthalene (C11.7)

R.T.: 6.030 min
Delta R.T.: 0.002 min
Response: 3022031
Conc: 20.10 ug/ml



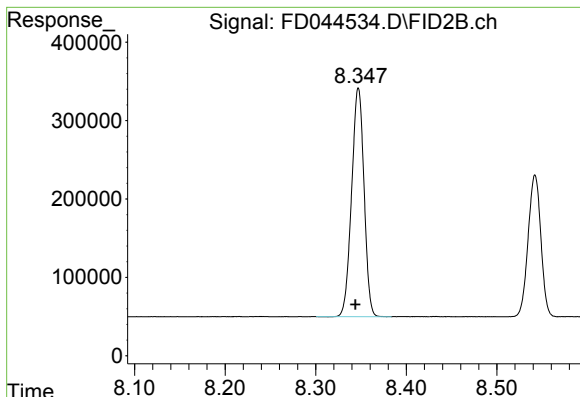
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.076 min
Delta R.T.: 0.003 min
Response: 3031553
Conc: 20.06 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.684 min
Delta R.T.: 0.002 min
Response: 2602217
Conc: 20.05 ug/ml



#5 Acenaphthylene (C15.06)

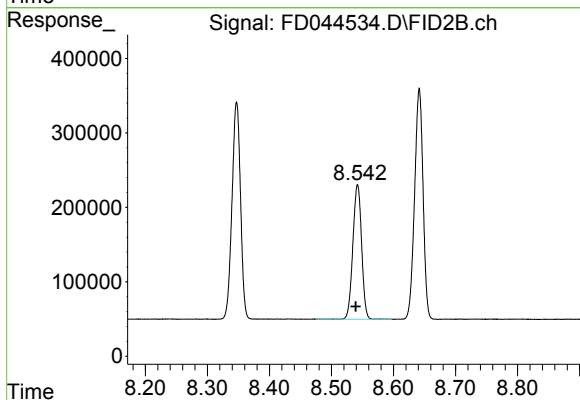
R.T.: 8.347 min
Delta R.T.: 0.003 min
Response: 2773679
Conc: 19.95 ug/ml

Instrument :

FID_D

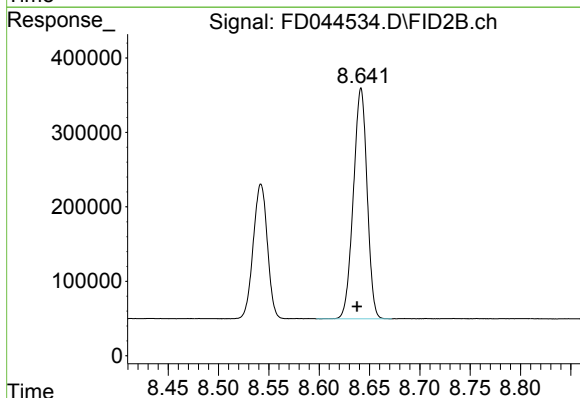
ClientSampleId :

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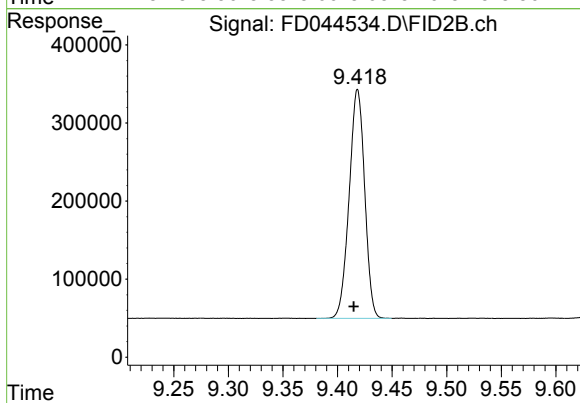
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.542 min
Delta R.T.: 0.003 min
Response: 1765817
Conc: 19.99 ug/ml



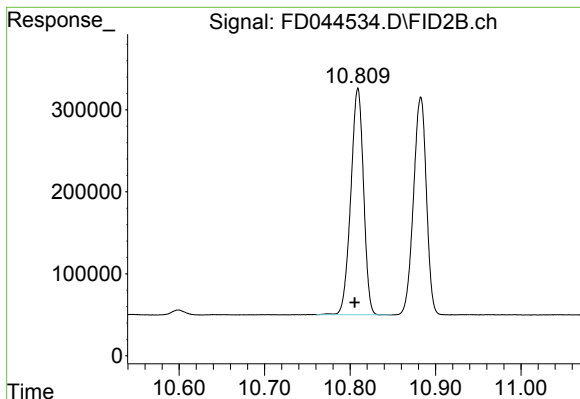
#7 Acenaphthene (C15.5)

R.T.: 8.641 min
Delta R.T.: 0.004 min
Response: 2942086
Conc: 20.05 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.418 min
Delta R.T.: 0.003 min
Response: 2900419
Conc: 20.12 ug/ml



#9 Phenanthrene (C19.36)

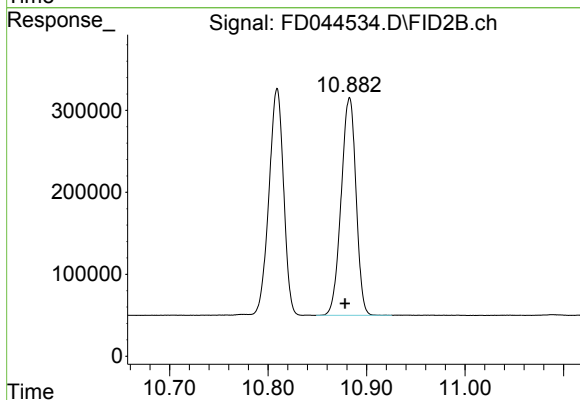
R.T.: 10.809 min
Delta R.T.: 0.004 min
Response: 2860068
Conc: 20.06 ug/ml

Instrument :

FID_D

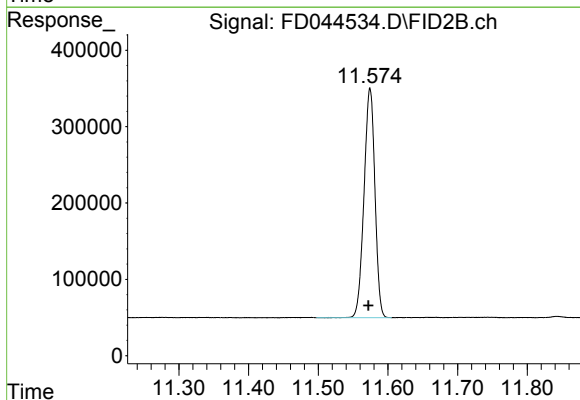
ClientSampleId :

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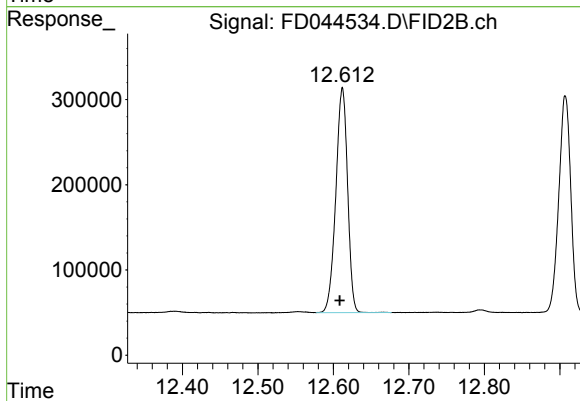
#10 Anthracene (C19.43)

R.T.: 10.883 min
Delta R.T.: 0.004 min
Response: 2783509
Conc: 20.03 ug/ml



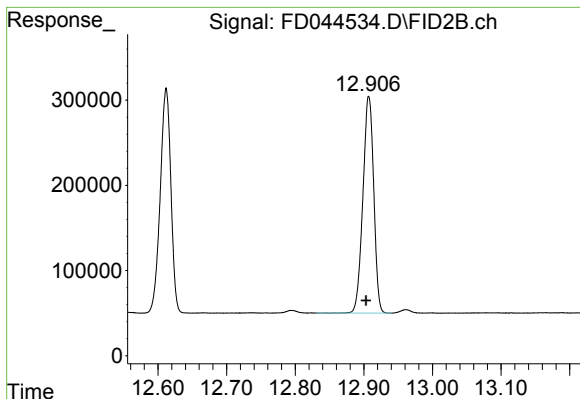
#11 ortho-Terphenyl (SURR)

R.T.: 11.574 min
Delta R.T.: 0.002 min
Response: 3261305
Conc: 20.04 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.612 min
Delta R.T.: 0.004 min
Response: 2859497
Conc: 20.06 ug/ml



#13 Pyrene (C20.8)

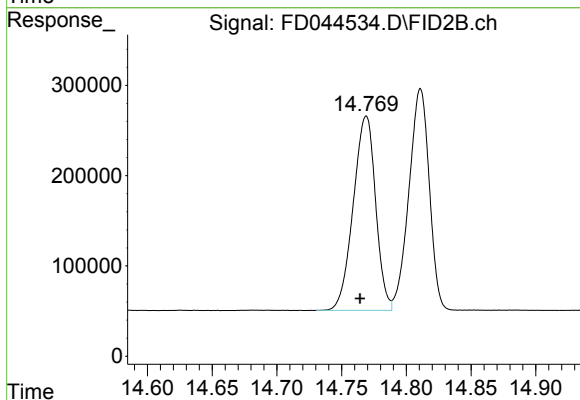
R.T.: 12.907 min
Delta R.T.: 0.004 min
Response: 2789361
Conc: 20.04 ug/ml

Instrument :

FID_D

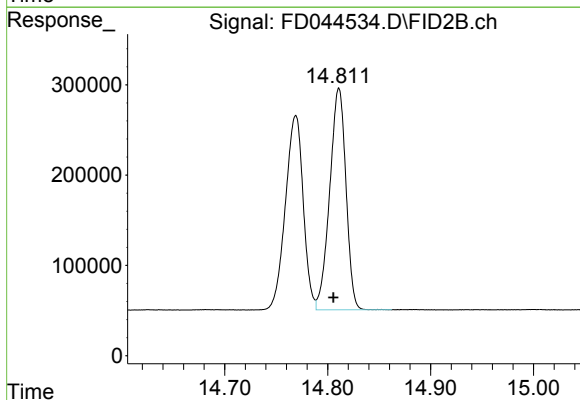
ClientSampleId :

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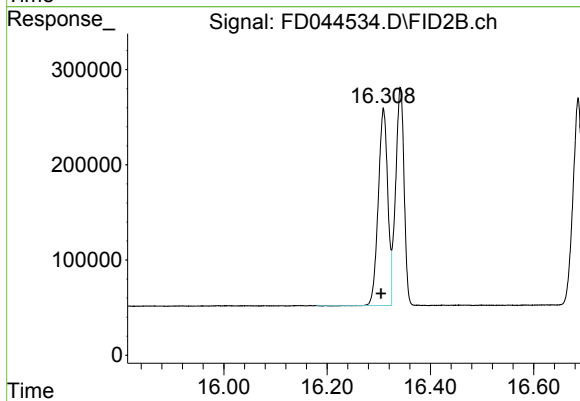
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.769 min
Delta R.T.: 0.005 min
Response: 2587161
Conc: 19.99 ug/ml



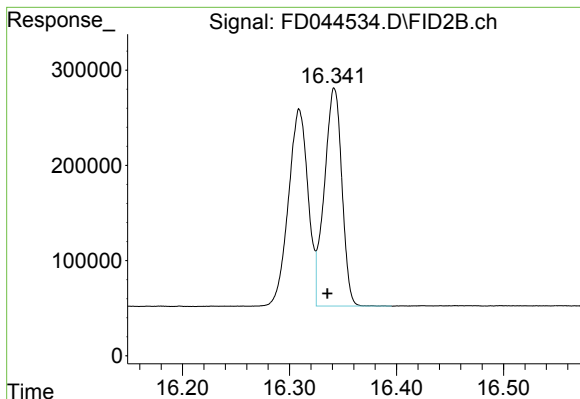
#15 Chrysene (C27.41)

R.T.: 14.811 min
Delta R.T.: 0.005 min
Response: 2689474
Conc: 19.95 ug/ml



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

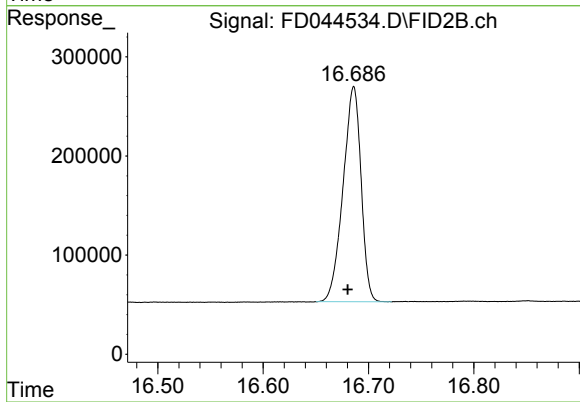
R.T.: 16.309 min
Delta R.T.: 0.004 min
Response: 2636786
Conc: 20.03 ug/ml



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

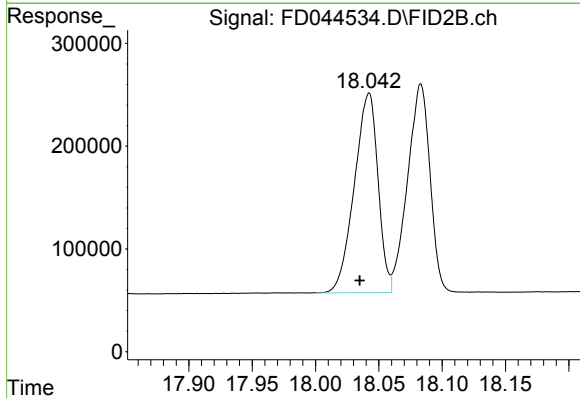
R.T.: 16.342 min
Delta R.T.: 0.006 min
Response: 2610477
Conc: 20.05 ug/ml

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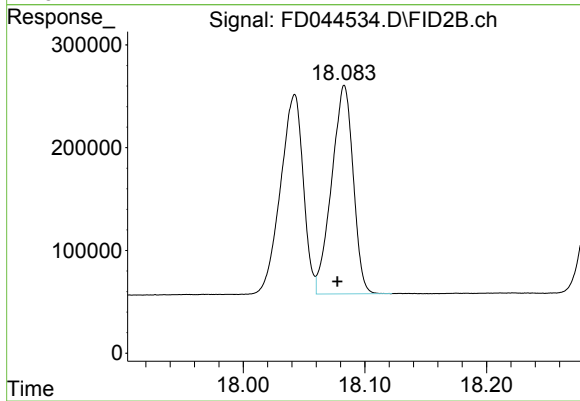
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.686 min
Delta R.T.: 0.006 min
Response: 2577879
Conc: 19.95 ug/ml



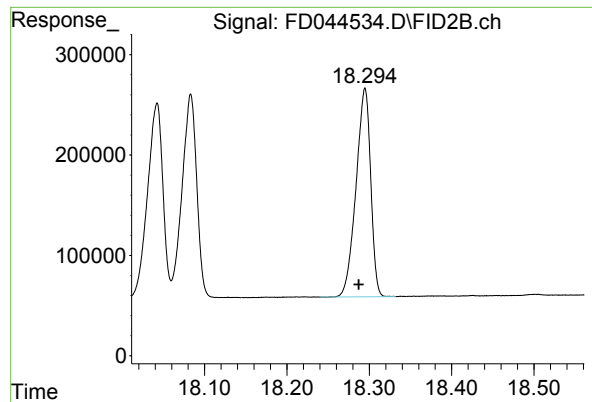
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.042 min
Delta R.T.: 0.007 min
Response: 2522973
Conc: 19.80 ug/ml



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

R.T.: 18.083 min
Delta R.T.: 0.006 min
Response: 2497970
Conc: 19.85 ug/ml



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

R.T.: 18.295 min
Delta R.T.: 0.007 min
Response: 2570157
Conc: 19.98 ug/ml

Instrument :

FID_D

ClientSampleId :

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