

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080124AR\
 Data File : FD048125.D
 Signal(s) : FID2B.ch
 Acq On : 01 Aug 2024 23:52
 Operator : YP/AJ
 Sample : P3396-17
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 P001-CF05-01MS

Integration File: autoint1.e
 Quant Time: Aug 02 04:28:33 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 13:13:15 2024
 Response via : Initial Calibration
 Integrator: ChemStation

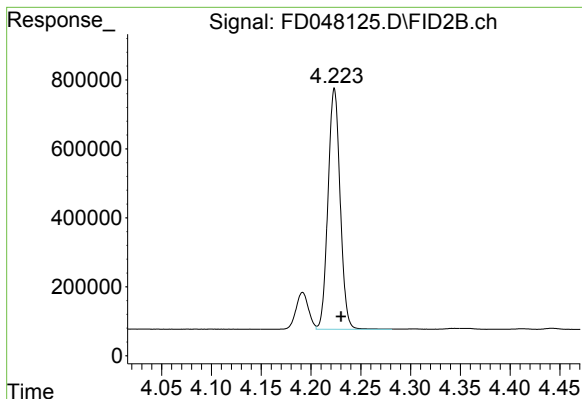
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.404	7661003	51.546 ug/ml
Spiked Amount 50.000		Recovery =	103.09%
6) S 2-Fluorobiphenyl (SURR)	8.255	3805727	40.213 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	80.43%
11) S ortho-Terphenyl (SURR)	11.295	8880948	53.078 ug/ml
Spiked Amount 50.000		Recovery =	106.16%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.224	5935637	35.447 ug/ml
2) T Naphthalene (C11.7)	5.744	7371320	42.655 ug/ml
3) T 2-Methylnaphthalene (...)	6.792	7736831	44.600 ug/ml
5) T Acenaphthylene (C15.06)	8.060	9176152	53.545 ug/ml
7) T Acenaphthene (C15.5)	8.355	8220347	47.386 ug/ml
8) T Flouorene (C16.55)	9.134	9405351	57.908 ug/ml
9) T Phenanthrene (C19.36)	10.523	9301244	58.567 ug/ml
10) T Anthracene (C19.43)	10.598	9159016	58.005 ug/ml
12) T Fluoranthene (C21.85)	12.329	10235711	64.647 ug/ml
13) T Pyrene (C20.8)	12.623	9371946	59.268 ug/ml
14) T Benzo[a]anthracene (C...	14.492	8736611	63.991 ug/ml
15) T Chrysene (C27.41)	14.536	8652017	53.672 ug/ml
16) T benzo[b]fluoranthene ...	16.040	8622750	59.907 ug/ml
17) T Bnezo[k]fluoranthene ...	16.076	8557395	57.295 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.416	8176348	57.728 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.783	8696759	77.108 ug/ml
20) T Dibenz[a,h]anthracene...	17.821	7888889	54.281 ug/ml
21) T Benzo[g,h,i]perylene ...	18.035	7829290	53.127 ug/ml

(f)=RT Delta > 1/2 Window

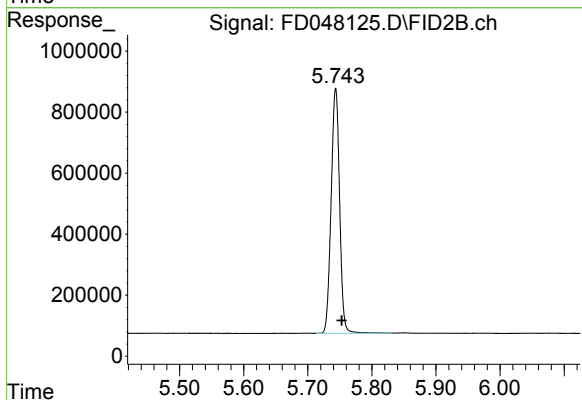
(m)=manual int.



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

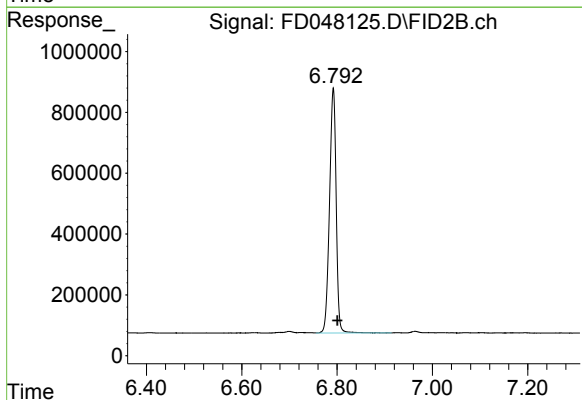
R.T.: 4.224 min
Delta R.T.: -0.006 min
Response: 5935637
Conc: 35.45 ug/ml

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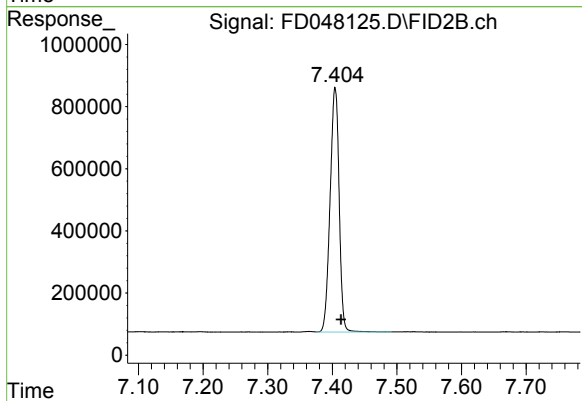
#2 Naphthalene (C11.7)

R.T.: 5.744 min
Delta R.T.: -0.010 min
Response: 7371320
Conc: 42.65 ug/ml



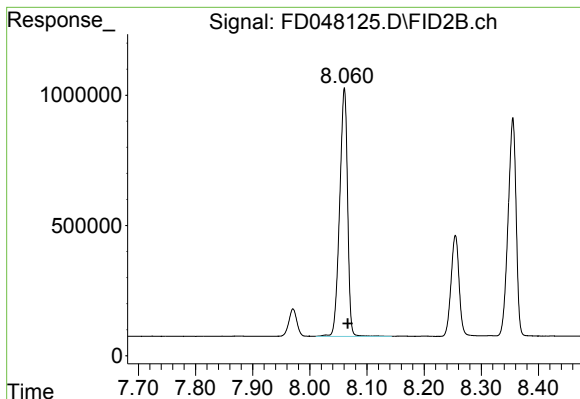
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.792 min
Delta R.T.: -0.009 min
Response: 7736831
Conc: 44.60 ug/ml



#4 2-Bromonaphthalene (SURR)

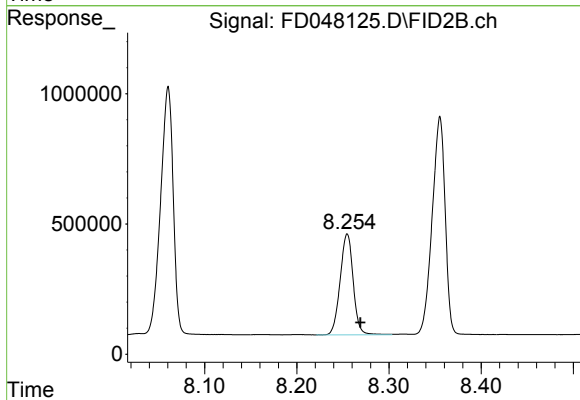
R.T.: 7.404 min
Delta R.T.: -0.009 min
Response: 7661003
Conc: 51.55 ug/ml



#5 Acenaphthylene (C15.06)

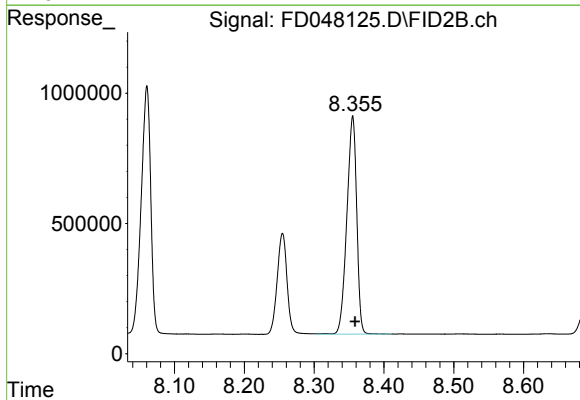
R.T.: 8.060 min
Delta R.T.: -0.006 min
Response: 9176152
Conc: 53.55 ug/ml

Instrument :
FID_D
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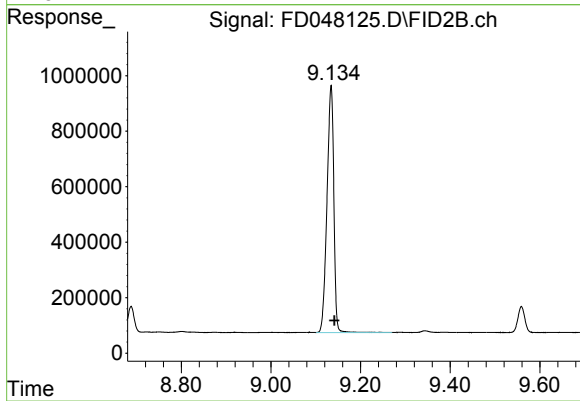
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.255 min
Delta R.T.: -0.014 min
Response: 3805727
Conc: 40.21 ug/ml



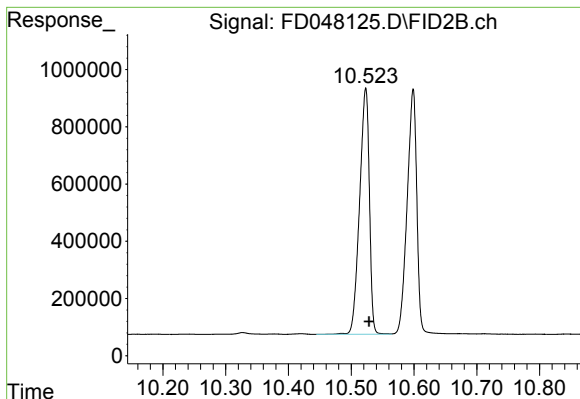
#7 Acenaphthene (C15.5)

R.T.: 8.355 min
Delta R.T.: -0.004 min
Response: 8220347
Conc: 47.39 ug/ml



#8 Fluorene (C16.55)

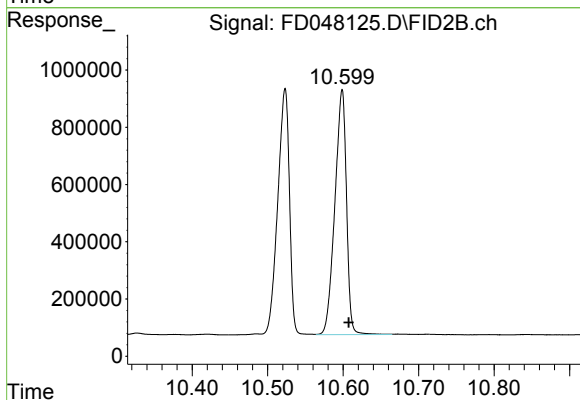
R.T.: 9.134 min
Delta R.T.: -0.008 min
Response: 9405351
Conc: 57.91 ug/ml



#9 Phenanthrene (C19.36)

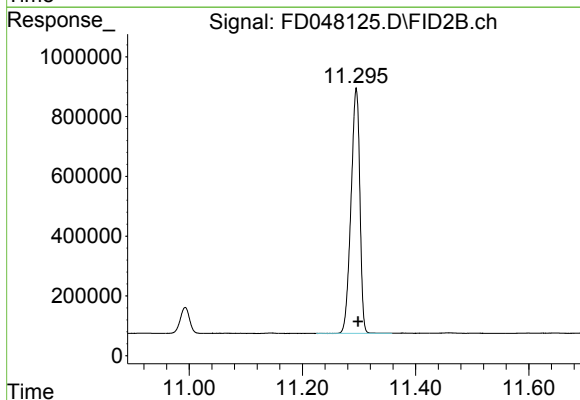
R.T.: 10.523 min
Delta R.T.: -0.006 min
Response: 9301244
Conc: 58.57 ug/ml

Instrument :
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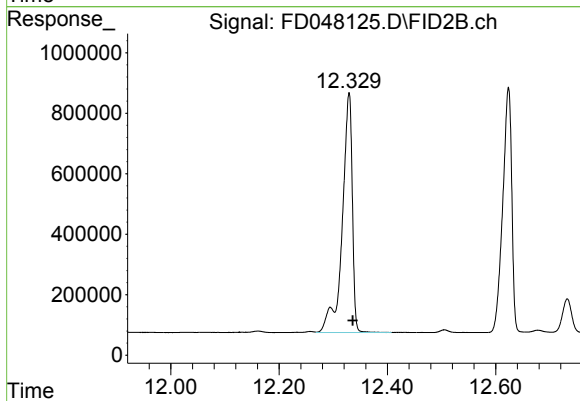
#10 Anthracene (C19.43)

R.T.: 10.598 min
Delta R.T.: -0.009 min
Response: 9159016
Conc: 58.01 ug/ml



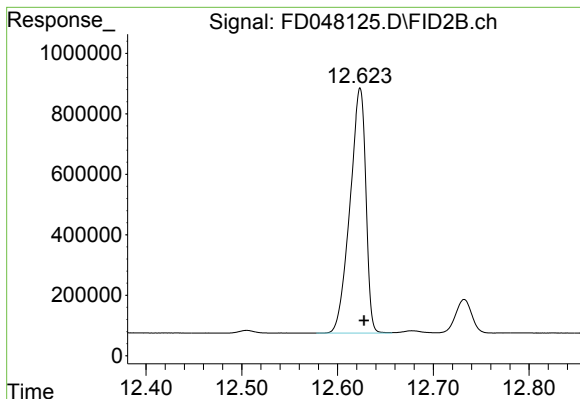
#11 ortho-Terphenyl (SURR)

R.T.: 11.295 min
Delta R.T.: -0.004 min
Response: 8880948
Conc: 53.08 ug/ml



#12 Fluoranthene (C21.85)

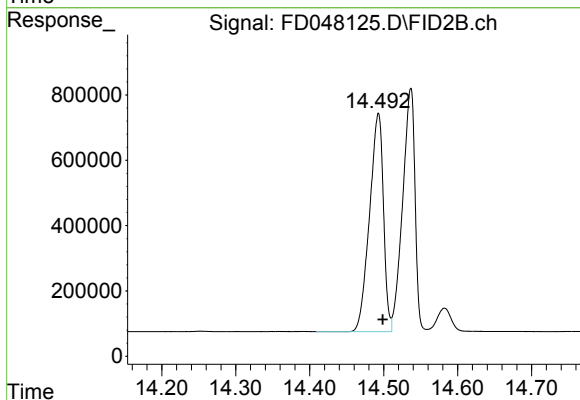
R.T.: 12.329 min
Delta R.T.: -0.007 min
Response: 10235711
Conc: 64.65 ug/ml



#13 Pyrene (C20.8)

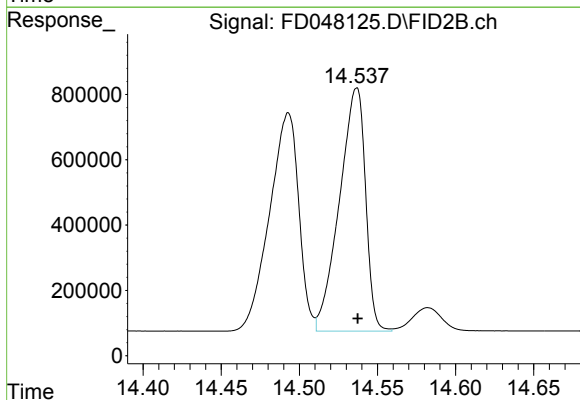
R.T.: 12.623 min
Delta R.T.: -0.004 min
Response: 9371946
Conc: 59.27 ug/ml

Instrument :
FID_D
ClientSampleId :
P001-CF05-01MS



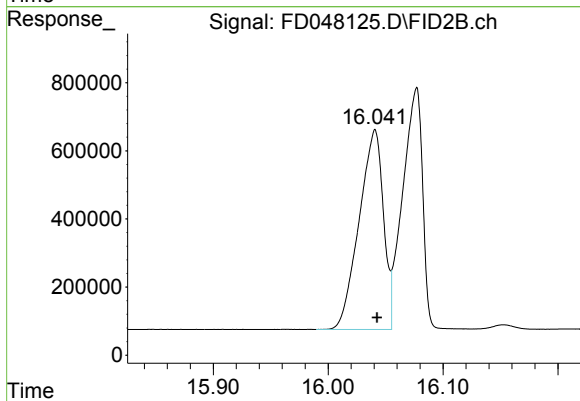
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.492 min
Delta R.T.: -0.006 min
Response: 8736611
Conc: 63.99 ug/ml



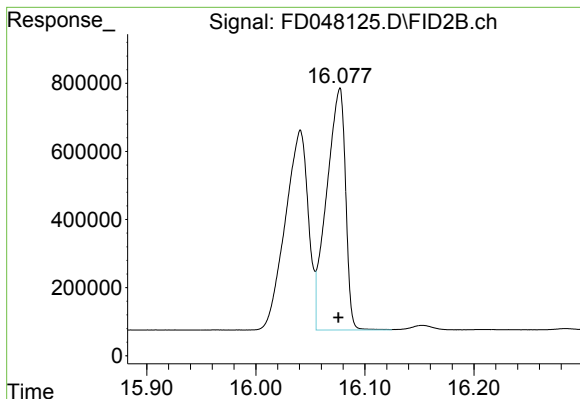
#15 Chrysene (C27.41)

R.T.: 14.536 min
Delta R.T.: -0.001 min
Response: 8652017
Conc: 53.67 ug/ml



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

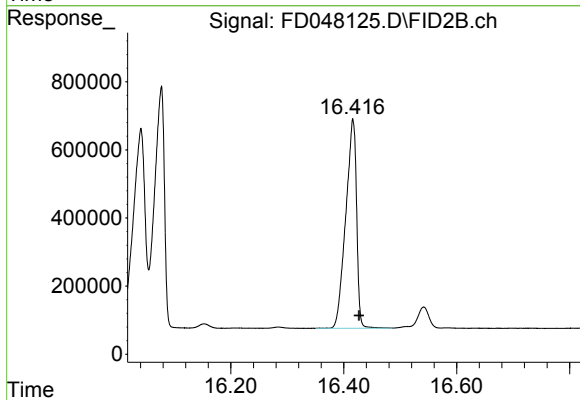
R.T.: 16.040 min
Delta R.T.: -0.002 min
Response: 8622750
Conc: 59.91 ug/ml



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

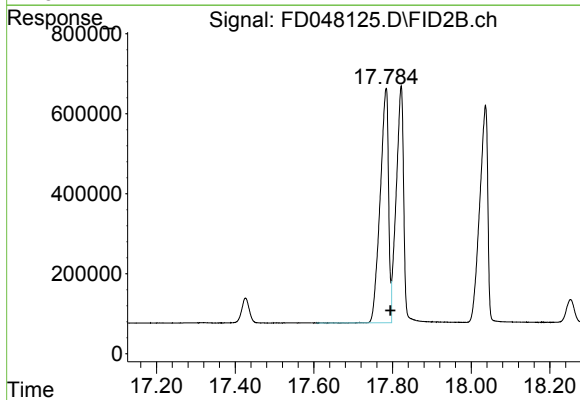
R.T.: 16.076 min
Delta R.T.: 0.000 min
Response: 8557395
Conc: 57.29 ug/ml

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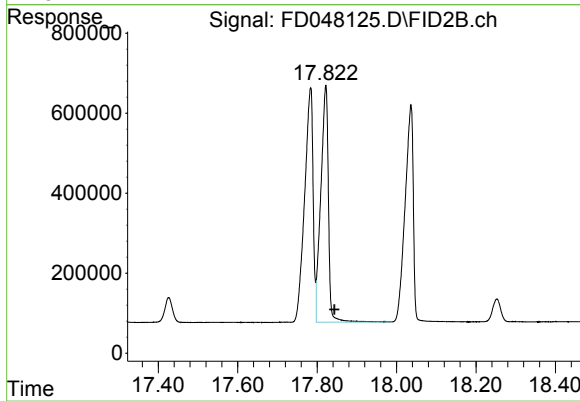
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.416 min
Delta R.T.: -0.011 min
Response: 8176348
Conc: 57.73 ug/ml



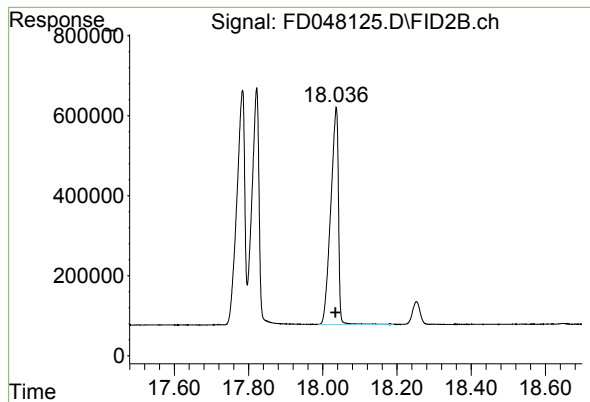
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.783 min
Delta R.T.: -0.012 min
Response: 8696759
Conc: 77.11 ug/ml



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

R.T.: 17.821 min
Delta R.T.: -0.023 min
Response: 7888889
Conc: 54.28 ug/ml



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

R.T.: 18.035 min
Delta R.T.: 0.000 min
Response: 7829290
Conc: 53.13 ug/ml

Instrument :

FID_D

ClientSampleId :

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