

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122822AR\
 Data File : FD044730.D
 Signal(s) : FID2B.ch
 Acq On : 28 Dec 2022 10:53
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Dec 29 05:14:42 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 122422.M
 Quant Title : GC Extractables
 QLast Update : Sun Dec 25 17:15:10 2022
 Response via : Initial Calibration
 Integrator: ChemStation

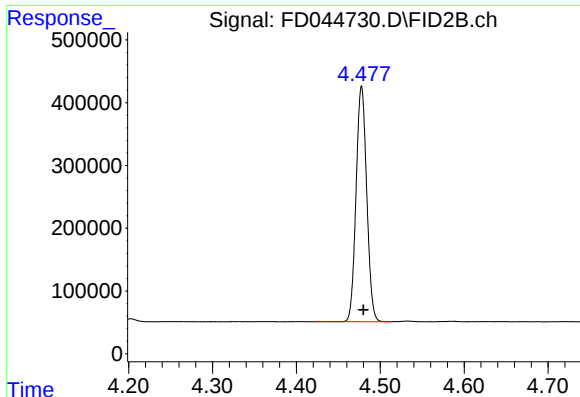
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.659	2945288	20.424 ug/ml
Spiked Amount 50.000		Recovery =	40.85%
6) S 2-Fluorobiphenyl (SURR)	8.516	1970803	20.303 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.61%
11) S ortho-Terphenyl (SURR)	11.545	3699730	20.535 ug/ml
Spiked Amount 50.000		Recovery =	41.07%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.478	3304054	20.535 ug/ml
2) T Naphthalene (C11.7)	6.007	3427381	20.420 ug/ml
3) T 2-Methylnaphthalene (...)	7.052	3427061	20.382 ug/ml
5) T Acenaphthylene (C15.06)	8.321	3106207	20.480 ug/ml
7) T Acenaphthene (C15.5)	8.615	3306253	20.395 ug/ml
8) T Flouorene (C16.55)	9.391	3220058	20.204 ug/ml
9) T Phenanthrene (C19.36)	10.780	3172496	20.215 ug/ml
10) T Anthracene (C19.43)	10.854	2836846	22.559 ug/ml
12) T Fluoranthene (C21.85)	12.581	3187483	20.298 ug/ml
13) T Pyrene (C20.8)	12.876	3128548	20.437 ug/ml
14) T Benzo[a]anthracene (C...	14.736	2798985	19.685 ug/ml
15) T Chrysene (C27.41)	14.778	2990496	19.721 ug/ml
16) T benzo[b]fluoranthene ...	16.275	2963983	19.708 ug/ml
17) T Bnezo[k]fluoranthene ...	16.308	2921552	19.284 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.650	2790140	19.231 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.004	2424808	17.147 ug/ml
20) T Dibenz[a,h]anthracene...	18.045	2414530	16.471 ug/ml
21) T Benzo[g,h,i]perylene ...	18.258	2569583	18.088 ug/ml

(f)=RT Delta > 1/2 Window

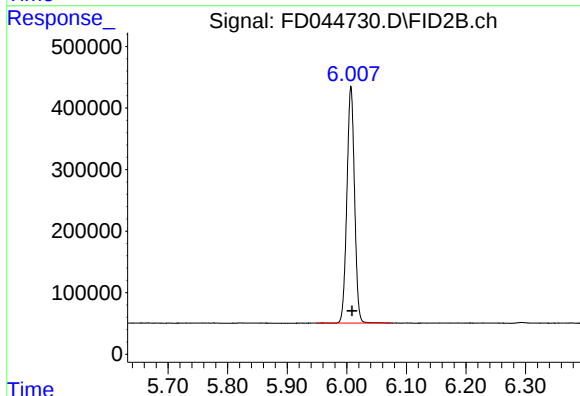
(m)=manual int.



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

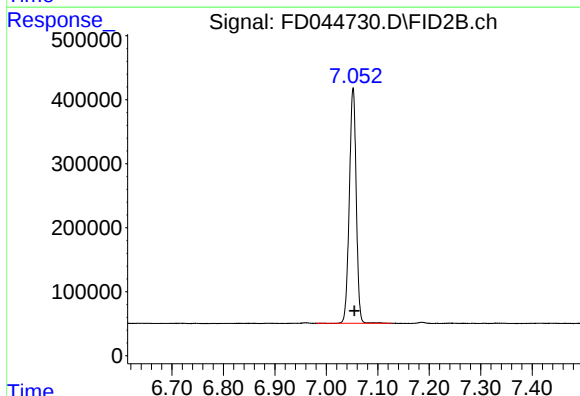
R.T.: 4.478 min
Delta R.T.: -0.002 min
Response: 3304054
Conc: 20.54 ug/ml

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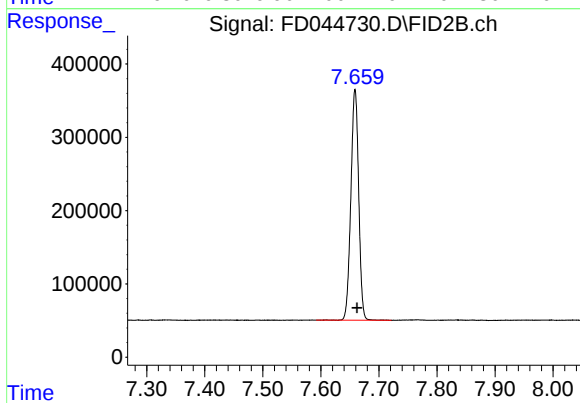
#2 Naphthalene (C11.7)

R.T.: 6.007 min
Delta R.T.: -0.002 min
Response: 3427381
Conc: 20.42 ug/ml



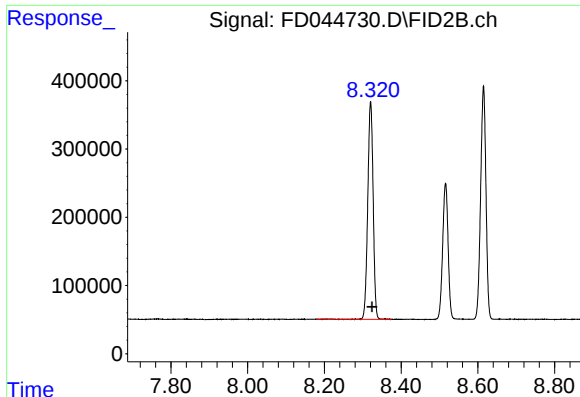
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.052 min
Delta R.T.: -0.002 min
Response: 3427061
Conc: 20.38 ug/ml



#4 2-Bromonaphthalene (SURR)

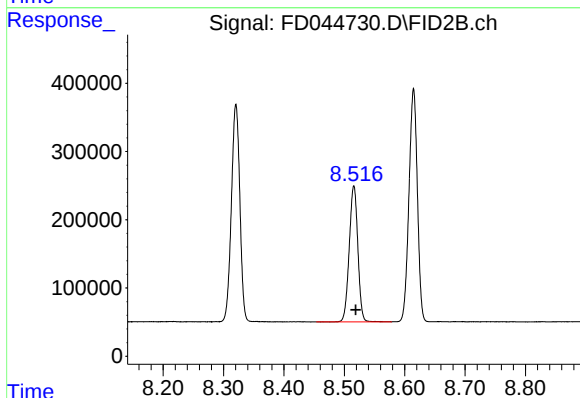
R.T.: 7.659 min
Delta R.T.: -0.003 min
Response: 2945288
Conc: 20.42 ug/ml



#5 Acenaphthylene (C15.06)

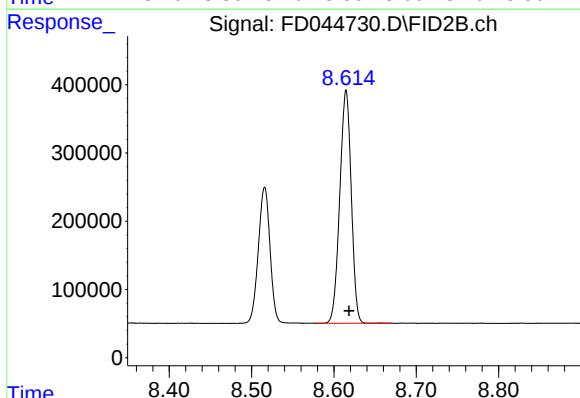
R.T.: 8.321 min
Delta R.T.: -0.004 min
Response: 3106207
Conc: 20.48 ug/ml

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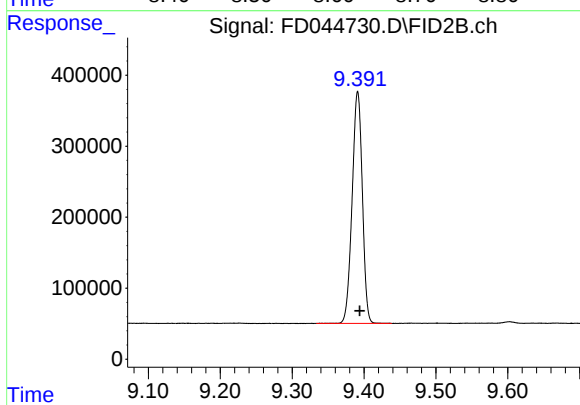
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.516 min
Delta R.T.: -0.003 min
Response: 1970803
Conc: 20.30 ug/ml



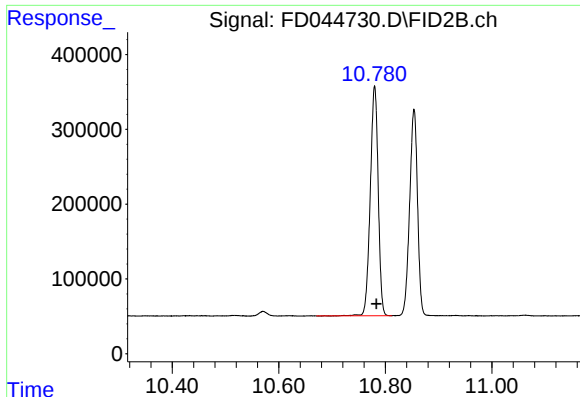
#7 Acenaphthene (C15.5)

R.T.: 8.615 min
Delta R.T.: -0.004 min
Response: 3306253
Conc: 20.40 ug/ml



#8 Flouorene (C16.55)

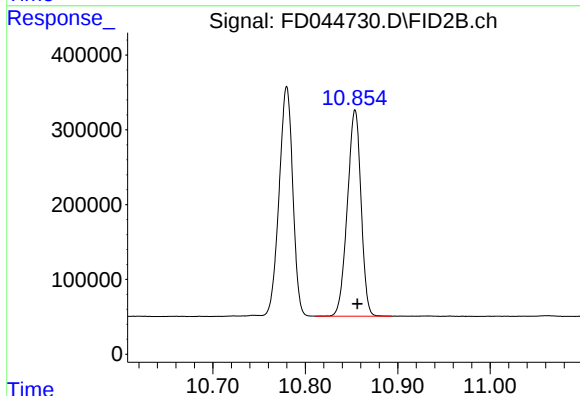
R.T.: 9.391 min
Delta R.T.: -0.003 min
Response: 3220058
Conc: 20.20 ug/ml



#9 Phenanthrene (C19.36)

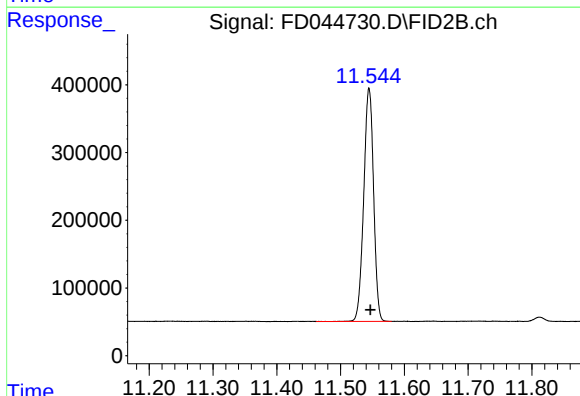
R.T.: 10.780 min
Delta R.T.: -0.003 min
Response: 3172496
Conc: 20.22 ug/ml

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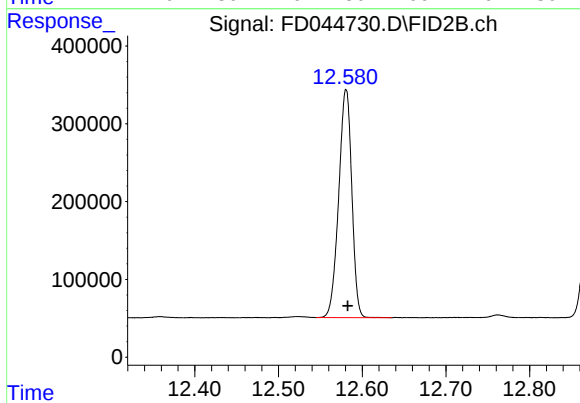
#10 Anthracene (C19.43)

R.T.: 10.854 min
Delta R.T.: -0.002 min
Response: 2836846
Conc: 22.56 ug/ml



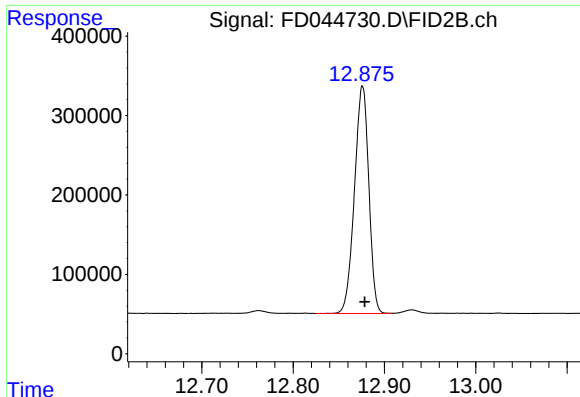
#11 ortho-Terphenyl (SURR)

R.T.: 11.545 min
Delta R.T.: -0.002 min
Response: 3699730
Conc: 20.53 ug/ml



#12 Fluoranthene (C21.85)

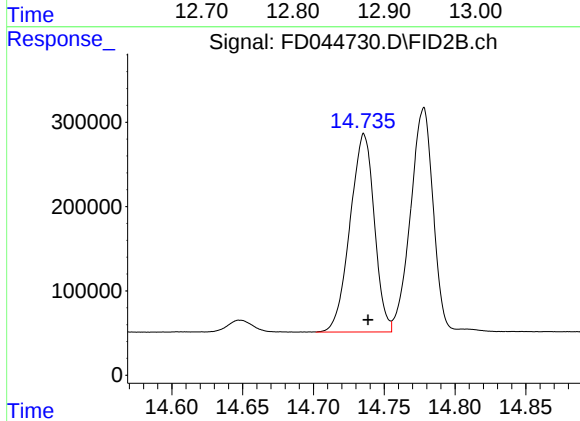
R.T.: 12.581 min
Delta R.T.: -0.002 min
Response: 3187483
Conc: 20.30 ug/ml



#13 Pyrene (C20.8)

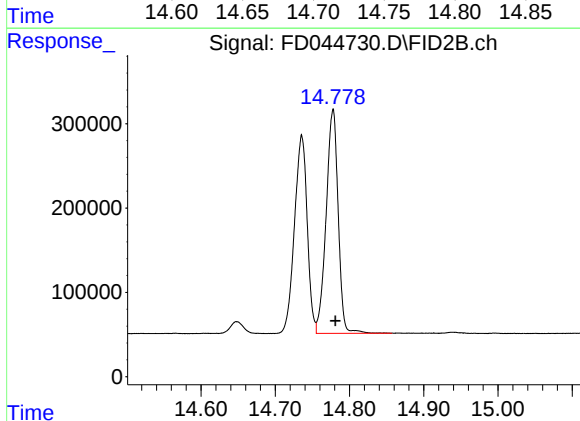
R.T.: 12.876 min
Delta R.T.: -0.002 min
Response: 3128548
Conc: 20.44 ug/ml

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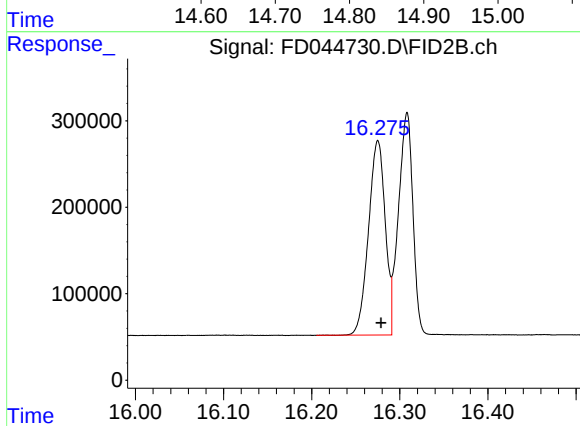
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.736 min
Delta R.T.: -0.003 min
Response: 2798985
Conc: 19.69 ug/ml



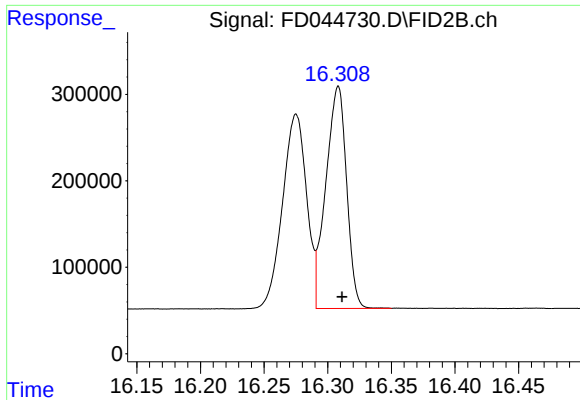
#15 Chrysene (C27.41)

R.T.: 14.778 min
Delta R.T.: -0.004 min
Response: 2990496
Conc: 19.72 ug/ml



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

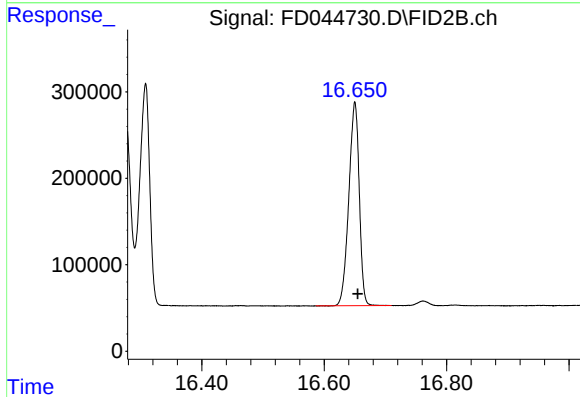
R.T.: 16.275 min
Delta R.T.: -0.004 min
Response: 2963983
Conc: 19.71 ug/ml



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

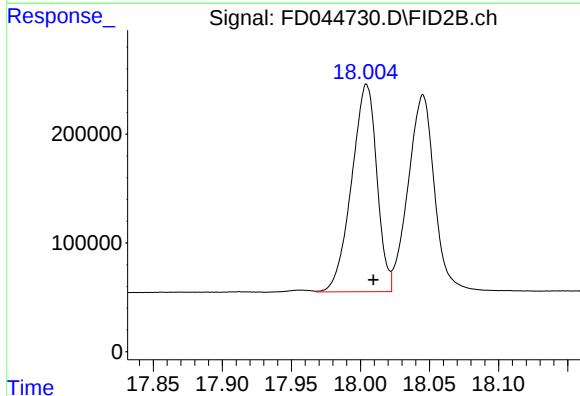
R.T.: 16.308 min
Delta R.T.: -0.003 min
Response: 2921552
Conc: 19.28 ug/ml

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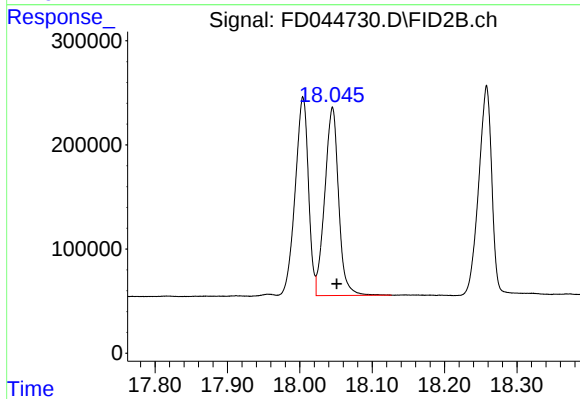
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.650 min
Delta R.T.: -0.005 min
Response: 2790140
Conc: 19.23 ug/ml



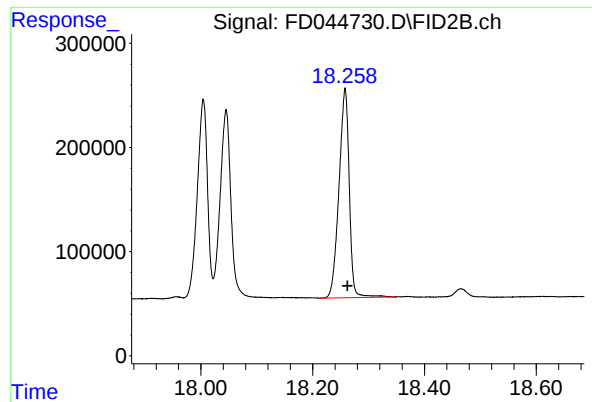
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.004 min
Delta R.T.: -0.005 min
Response: 2424808
Conc: 17.15 ug/ml



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

R.T.: 18.045 min
Delta R.T.: -0.006 min
Response: 2414530
Conc: 16.47 ug/ml



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

R.T.: 18.258 min
Delta R.T.: -0.004 min
Response: 2569583
Conc: 18.09 ug/ml

Instrument :

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