

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112122AR\
 Data File : FD044481.D
 Signal(s) : FID2B.ch
 Acq On : 22 Nov 2022 07:54
 Operator : YP/AJ
 Sample : N5642-13MS
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LEFT-SIDE-FLATS-33MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/22/2022
 Supervised By :Ankita Jodhani 11/22/2022

Integration File: autoint1.e
 Quant Time: Nov 22 08:50:31 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 110322.M
 Quant Title : GC Extractables
 QLast Update : Mon Nov 21 12:00:35 2022
 Response via : Initial Calibration
 Integrator: ChemStation

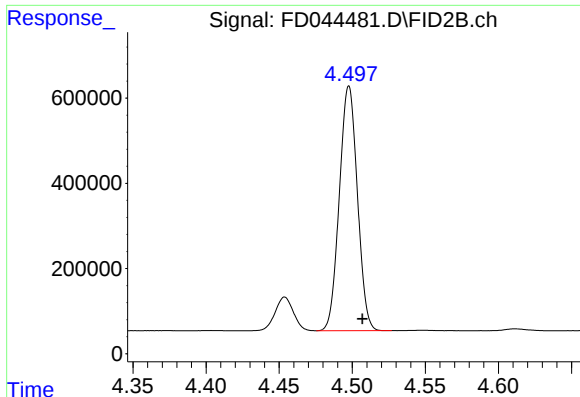
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.688	6322810	46.726 ug/ml
Spiked Amount 50.000		Recovery =	93.45%
6) S 2-Fluorobiphenyl (SURR)	8.548	4261020	45.436 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	90.87%
11) S ortho-Terphenyl (SURR)	11.582	6156869	35.885 ug/ml
Spiked Amount 50.000		Recovery =	71.77%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.498	4939467	33.888 ug/ml
2) T Naphthalene (C11.7)	6.032	5722370	36.753 ug/ml
3) T 2-Methylnaphthalene (...)	7.080	5792324	36.663 ug/ml
5) T Acenaphthylene (C15.06)	8.352	6002761	39.807 ug/ml
7) T Acenaphthene (C15.5)	8.648	6187062	39.985 ug/ml
8) T Flouorene (C16.55)	9.426	6258560	40.695 ug/ml
9) T Phenanthrene (C19.36)	10.818	6273442	41.718 ug/ml
10) T Anthracene (C19.43)	10.893	6299912	42.999 ug/ml
12) T Fluoranthene (C21.85)	12.623	6260755	41.197 ug/ml
13) T Pyrene (C20.8)	12.920	6203901	41.734 ug/mlm
14) T Benzo[a]anthracene (C...	14.783	5958341	42.568 ug/mlm
15) T Chrysene (C27.41)	14.828	6480942	44.253 ug/ml
16) T benzo[b]fluoranthene ...	16.327	5892636	40.973 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.361	5485590	38.582 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.703	5228819	37.374 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.063	5734130	42.054 ug/mlm
20) T Dibenz[a,h]anthracene...	18.103	5379840	39.939 ug/ml
21) T Benzo[g,h,i]perylene ...	18.318	5532252	40.526 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.



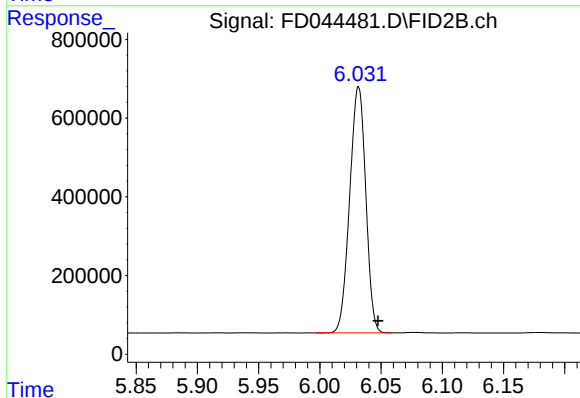
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.498 min
Delta R.T.: -0.009 min
Response: 4939467
Conc: 33.89 ug/ml

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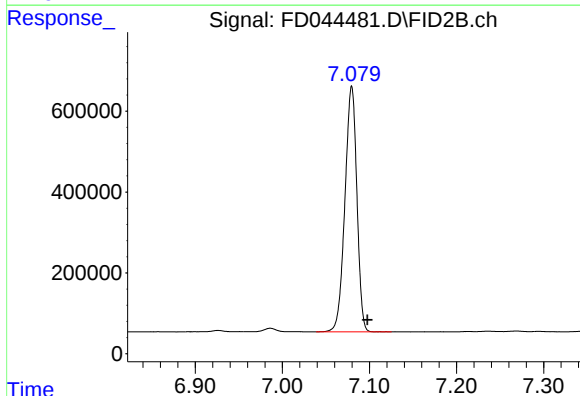
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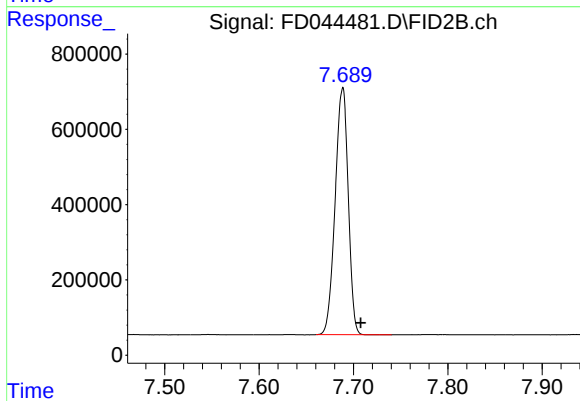
#2 Naphthalene (C11.7)

R.T.: 6.032 min
Delta R.T.: -0.016 min
Response: 5722370
Conc: 36.75 ug/ml



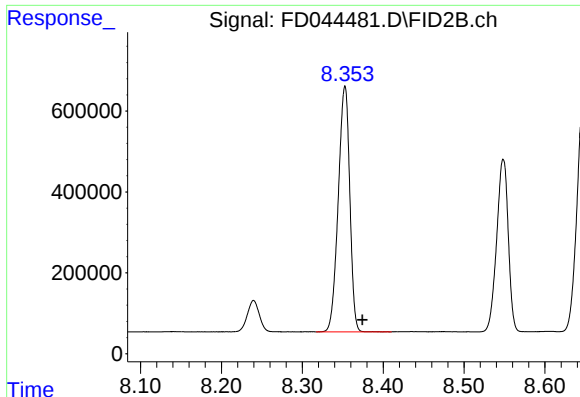
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.080 min
Delta R.T.: -0.018 min
Response: 5792324
Conc: 36.66 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.688 min
Delta R.T.: -0.019 min
Response: 6322810
Conc: 46.73 ug/ml



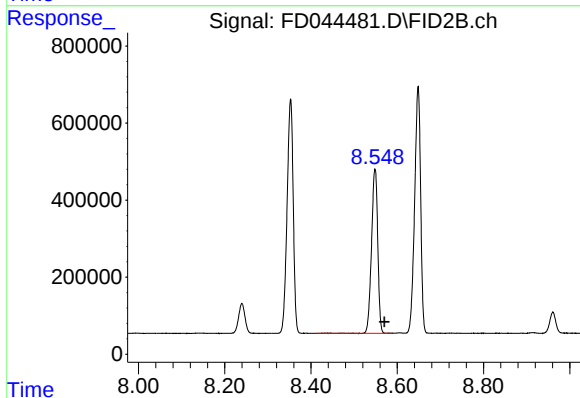
#5 Acenaphthylene (C15.06)

R.T.: 8.352 min
Delta R.T.: -0.022 min
Response: 6002761
Conc: 39.81 ug/ml

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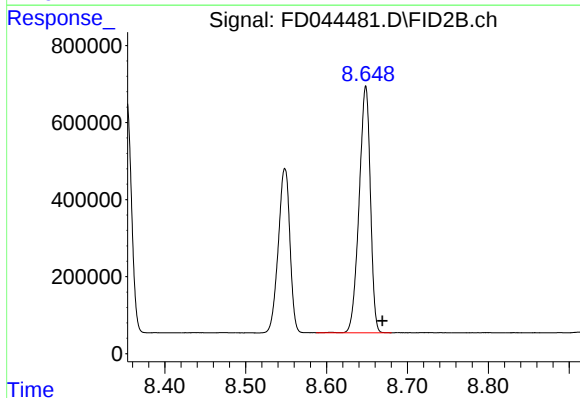
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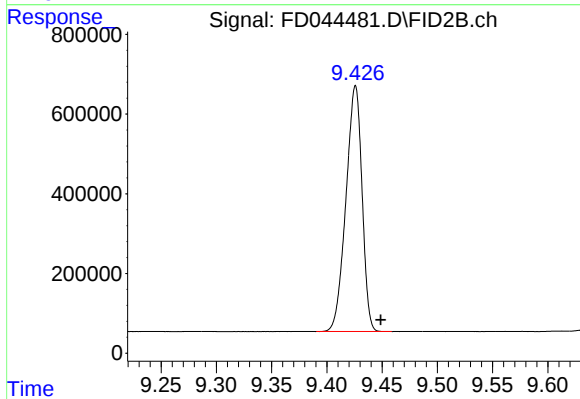
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.548 min
Delta R.T.: -0.022 min
Response: 4261020
Conc: 45.44 ug/ml



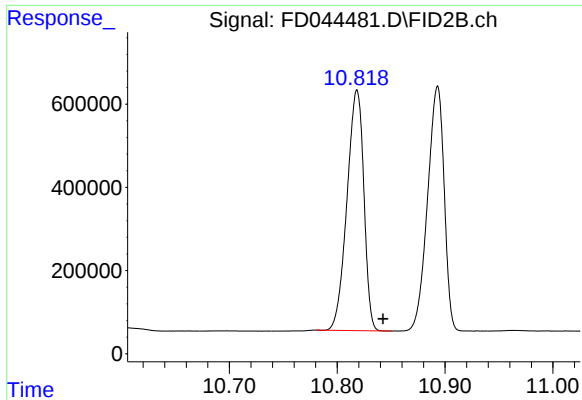
#7 Acenaphthene (C15.5)

R.T.: 8.648 min
Delta R.T.: -0.021 min
Response: 6187062
Conc: 39.98 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.426 min
Delta R.T.: -0.023 min
Response: 6258560
Conc: 40.69 ug/ml



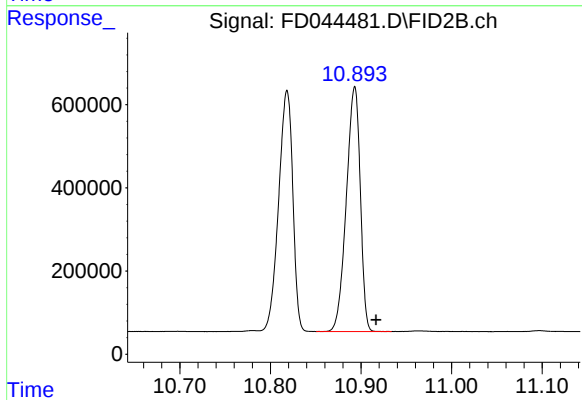
#9 Phenanthrene (C19.36)

R.T.: 10.818 min
Delta R.T.: -0.024 min
Response: 6273442
Conc: 41.72 ug/ml

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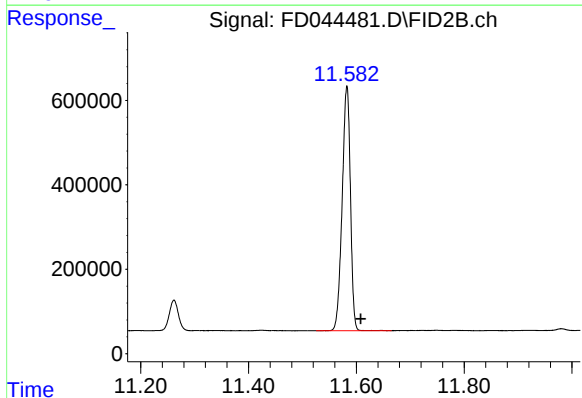
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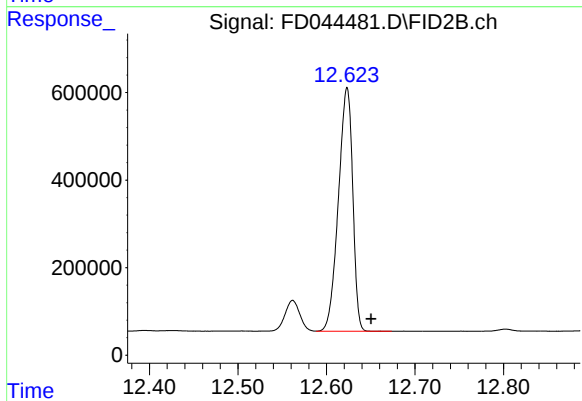
#10 Anthracene (C19.43)

R.T.: 10.893 min
Delta R.T.: -0.024 min
Response: 6299912
Conc: 43.00 ug/ml



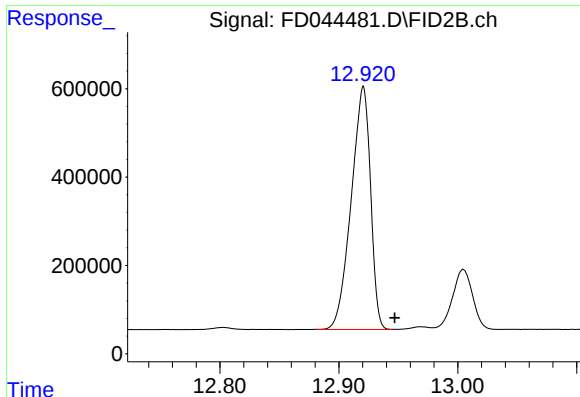
#11 ortho-Terphenyl (SURR)

R.T.: 11.582 min
Delta R.T.: -0.026 min
Response: 6156869
Conc: 35.89 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.623 min
Delta R.T.: -0.027 min
Response: 6260755
Conc: 41.20 ug/ml



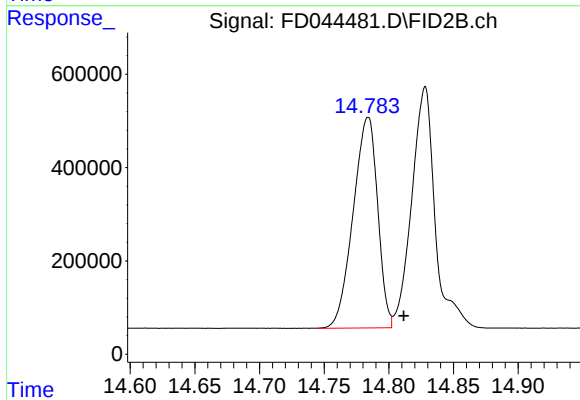
#13 Pyrene (C20.8)

R.T.: 12.920 min
Delta R.T.: -0.027 min
Response: 6203901
Conc: 41.73 ug/ml

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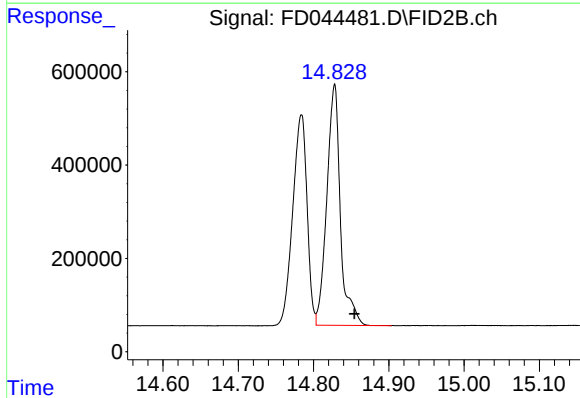
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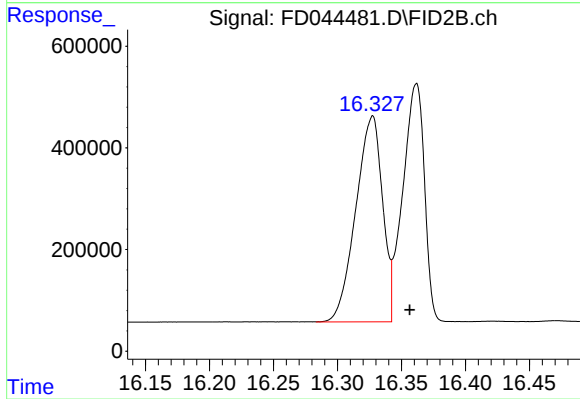
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.783 min
Delta R.T.: -0.028 min
Response: 5958341
Conc: 42.57 ug/ml m



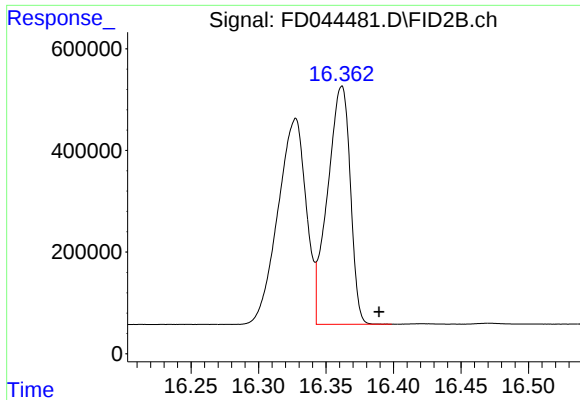
#15 Chrysene (C27.41)

R.T.: 14.828 min
Delta R.T.: -0.027 min
Response: 6480942
Conc: 44.25 ug/ml



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

R.T.: 16.327 min
Delta R.T.: -0.029 min
Response: 5892636
Conc: 40.97 ug/ml m



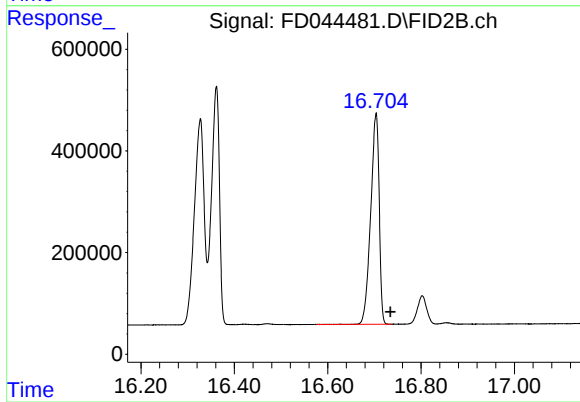
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.361 min
Delta R.T.: -0.028 min
Response: 5485590
Conc: 38.58 ug/ml

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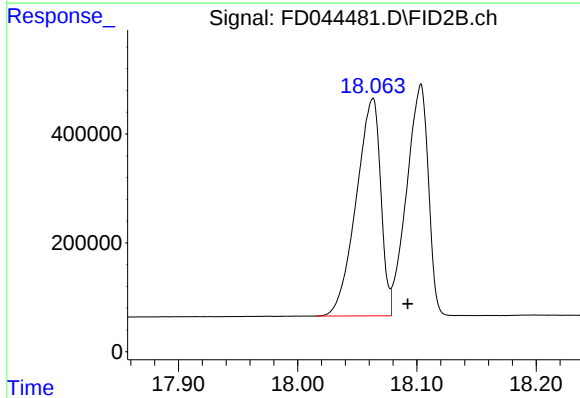
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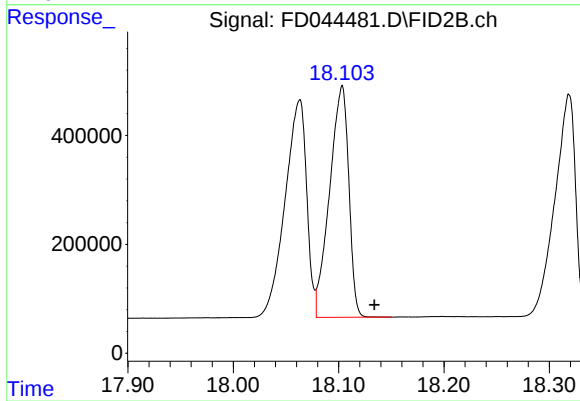
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.703 min
Delta R.T.: -0.031 min
Response: 5228819
Conc: 37.37 ug/ml



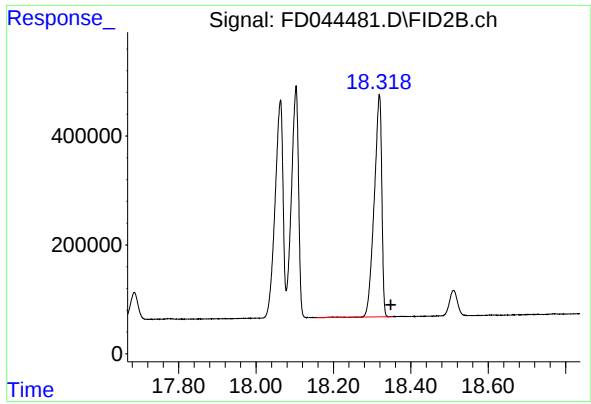
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.063 min
Delta R.T.: -0.029 min
Response: 5734130
Conc: 42.05 ug/ml m



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

R.T.: 18.103 min
Delta R.T.: -0.031 min
Response: 5379840
Conc: 39.94 ug/ml



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

R.T.: 18.318 min
Delta R.T.: -0.030 min
Response: 5532252
Conc: 40.53 ug/ml

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