

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122322AR\
 Data File : FD044695.D
 Signal(s) : FID2B.ch
 Acq On : 23 Dec 2022 22:35
 Operator : YP/AJ
 Sample : N6051-01MS
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 SP-591MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/27/2022
 Supervised By :Ankita Jodhani 12/27/2022

Integration File: autoint1.e
 Quant Time: Dec 25 14:28:11 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

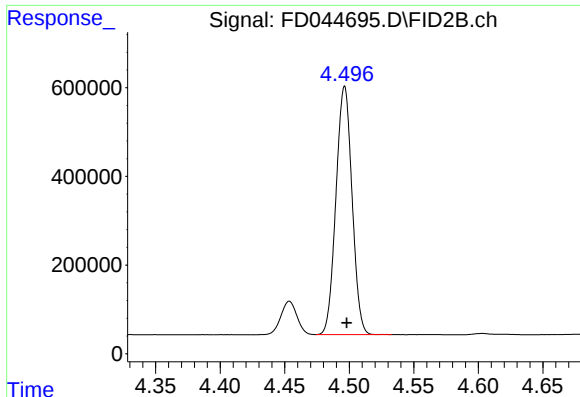
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.680	6631307	51.096 ug/ml
Spiked Amount 50.000		Recovery =	102.19%
6) S 2-Fluorobiphenyl (SURR)	8.537	4292307	48.601 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	97.20%
11) S ortho-Terphenyl (SURR)	11.564	4866847	29.905 ug/ml
Spiked Amount 50.000		Recovery =	59.81%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.496	4850802	33.992 ug/mlm
2) T Naphthalene (C11.7)	6.027	5935747	39.478 ug/ml
3) T 2-Methylnaphthalene (...)	7.072	5812991	38.474 ug/ml
5) T Acenaphthylene (C15.06)	8.342	6419779	46.180 ug/ml
7) T Acenaphthene (C15.5)	8.637	6375643	43.444 ug/ml
8) T Flouorene (C16.55)	9.413	6732214	46.691 ug/ml
9) T Phenanthrene (C19.36)	10.803	6987298	48.998 ug/ml
10) T Anthracene (C19.43)	10.877	6714210	48.327 ug/ml
12) T Fluoranthene (C21.85)	12.605	7174095	50.324 ug/ml
13) T Pyrene (C20.8)	12.901	6989995	50.227 ug/ml
14) T Benzo[a]anthracene (C...	14.762	6685216	51.667 ug/ml
15) T Chrysene (C27.41)	14.806	6783307	50.316 ug/mlm
16) T benzo[b]fluoranthene ...	16.305	6786218	51.559 ug/ml
17) T Bnezo[k]fluoranthene ...	16.339	6221473	47.777 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.681	5827523	45.092 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.039	6247221	49.017 ug/ml
20) T Dibenz[a,h]anthracene...	18.079	6221486	49.446 ug/ml
21) T Benzo[g,h,i]perylene ...	18.294	5965252	46.379 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.



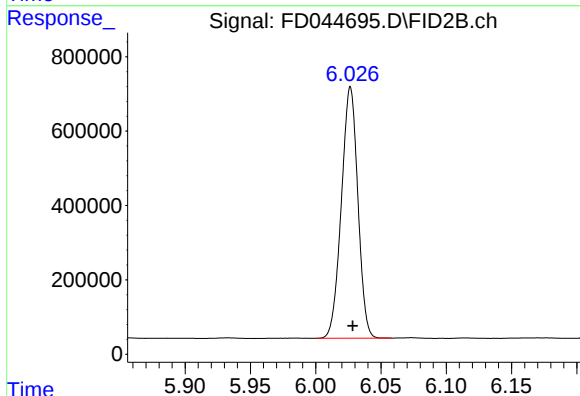
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.496 min
Delta R.T.: -0.002 min
Response: 4850802
Conc: 33.99 ug/ml

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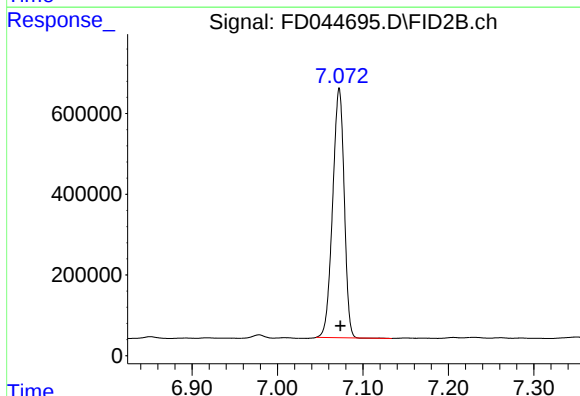
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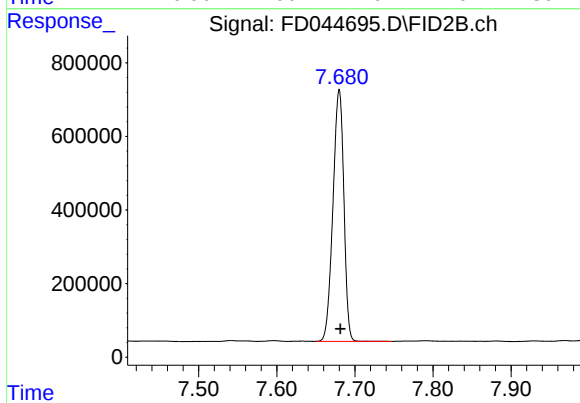
#2 Naphthalene (C11.7)

R.T.: 6.027 min
Delta R.T.: -0.002 min
Response: 5935747
Conc: 39.48 ug/ml



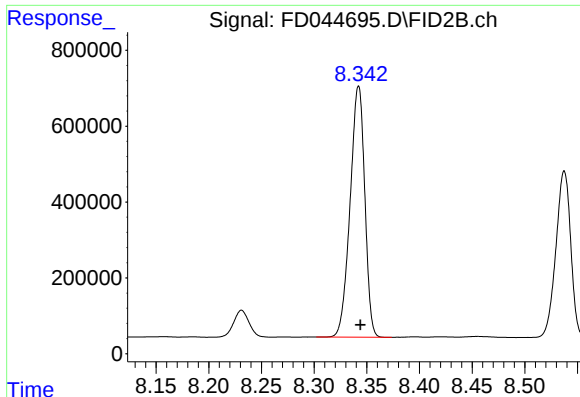
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.072 min
Delta R.T.: -0.002 min
Response: 5812991
Conc: 38.47 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.680 min
Delta R.T.: -0.002 min
Response: 6631307
Conc: 51.10 ug/ml



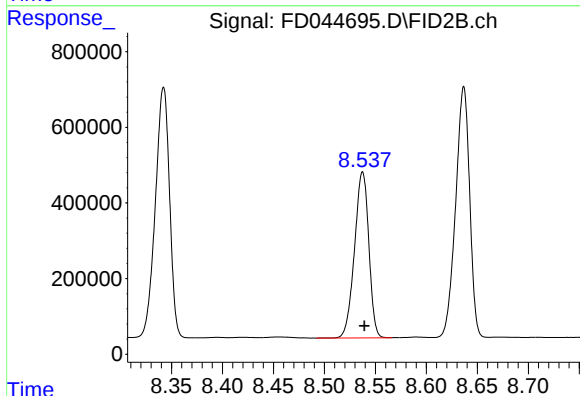
#5 Acenaphthylene (C15.06)

R.T.: 8.342 min
Delta R.T.: -0.002 min
Response: 6419779
Conc: 46.18 ug/ml

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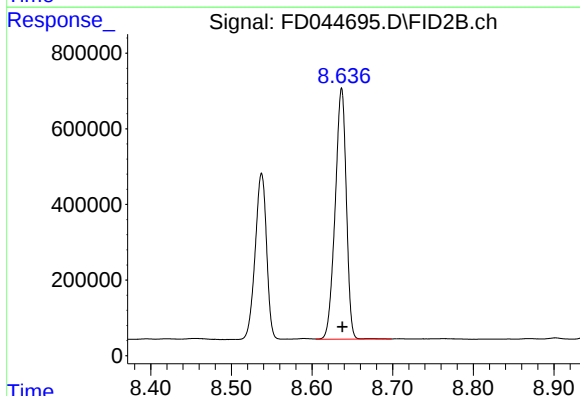
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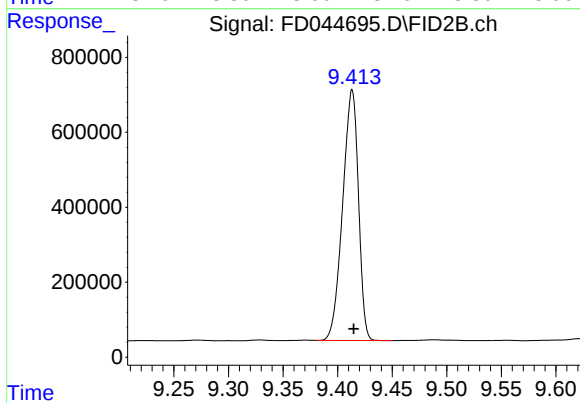
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.537 min
Delta R.T.: -0.002 min
Response: 4292307
Conc: 48.60 ug/ml



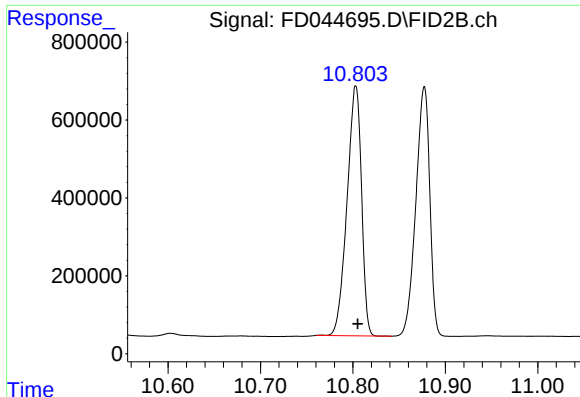
#7 Acenaphthene (C15.5)

R.T.: 8.637 min
Delta R.T.: -0.001 min
Response: 6375643
Conc: 43.44 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.413 min
Delta R.T.: -0.002 min
Response: 6732214
Conc: 46.69 ug/ml



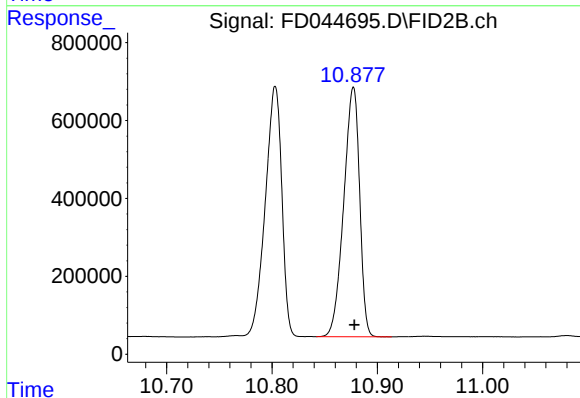
#9 Phenanthrene (C19.36)

R.T.: 10.803 min
Delta R.T.: -0.003 min
Response: 6987298
Conc: 49.00 ug/ml

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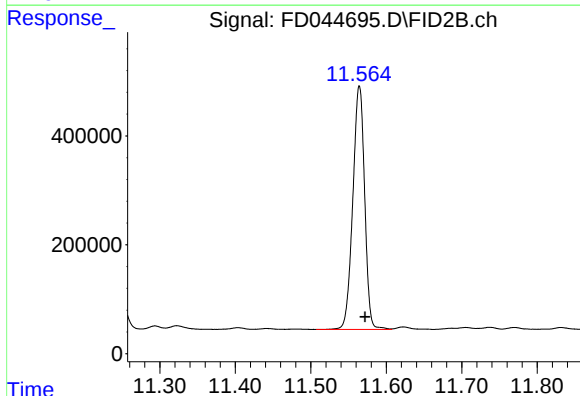
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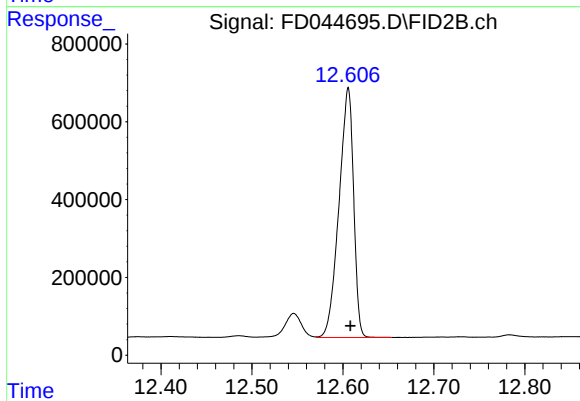
#10 Anthracene (C19.43)

R.T.: 10.877 min
Delta R.T.: -0.002 min
Response: 6714210
Conc: 48.33 ug/ml



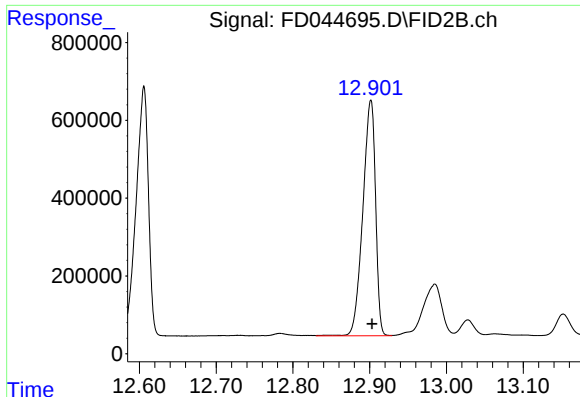
#11 ortho-Terphenyl (SURR)

R.T.: 11.564 min
Delta R.T.: -0.007 min
Response: 4866847
Conc: 29.90 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.605 min
Delta R.T.: -0.003 min
Response: 7174095
Conc: 50.32 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.901 min
Delta R.T.: -0.002 min
Response: 6989995
Conc: 50.23 ug/ml

Instrument :

FID_D

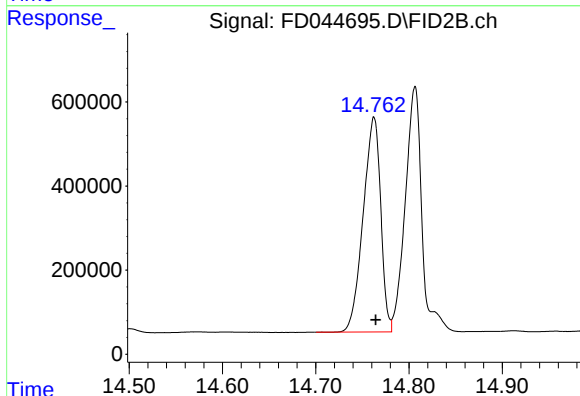
ClientSampleId :

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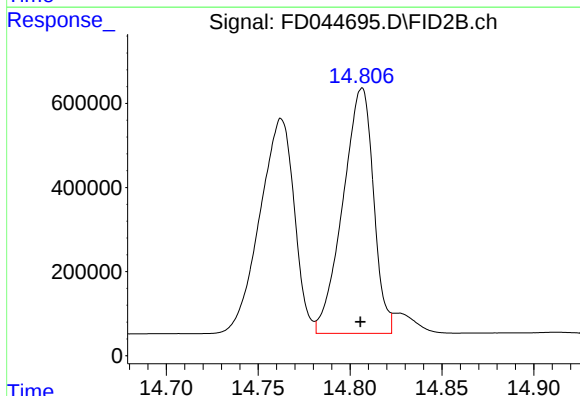
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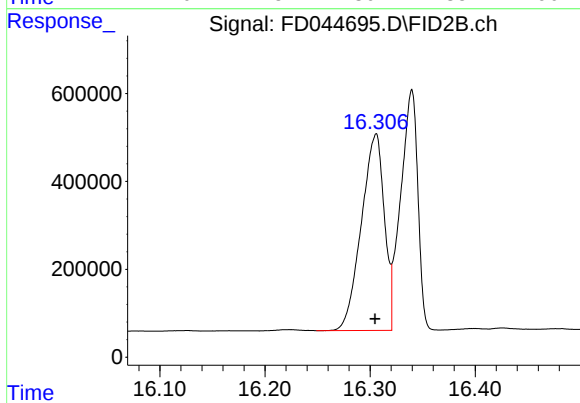
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.762 min
Delta R.T.: -0.002 min
Response: 6685216
Conc: 51.67 ug/ml



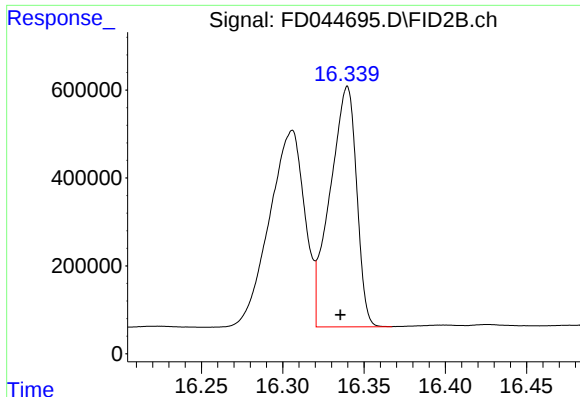
#15 Chrysene (C27.41)

R.T.: 14.806 min
Delta R.T.: 0.000 min
Response: 6783307
Conc: 50.32 ug/ml m



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

R.T.: 16.305 min
Delta R.T.: 0.000 min
Response: 6786218
Conc: 51.56 ug/ml



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

R.T.: 16.339 min
Delta R.T.: 0.004 min
Response: 6221473
Conc: 47.78 ug/ml

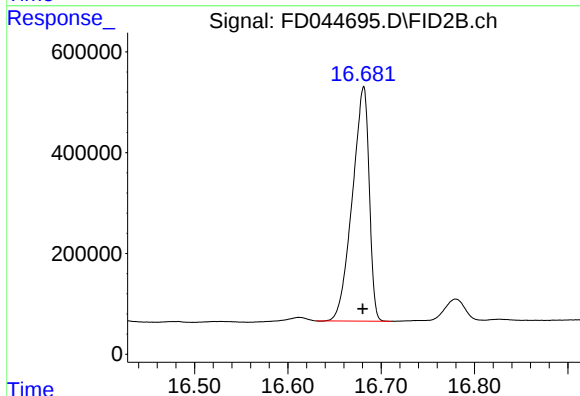
Instrument :

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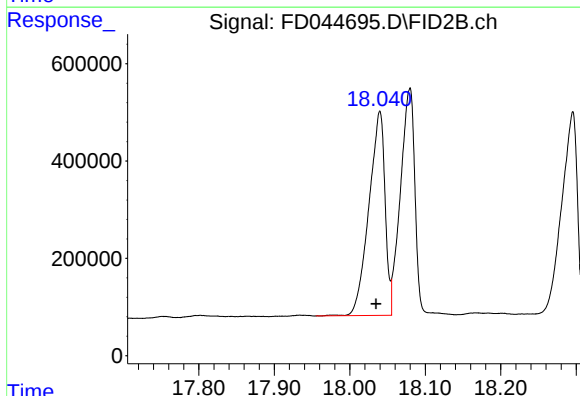
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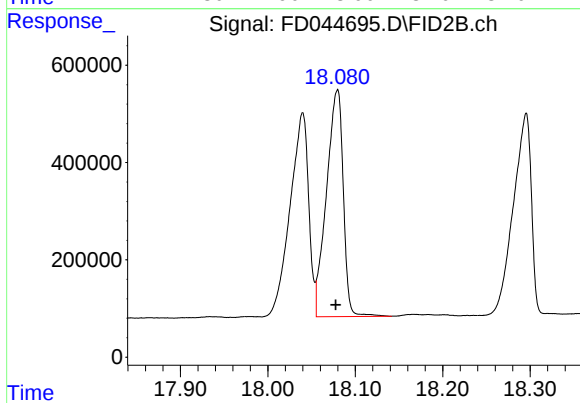
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.681 min
Delta R.T.: 0.000 min
Response: 5827523
Conc: 45.09 ug/ml



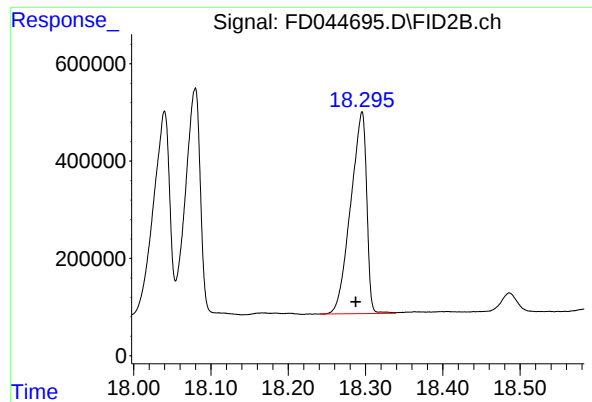
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.039 min
Delta R.T.: 0.004 min
Response: 6247221
Conc: 49.02 ug/ml



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

R.T.: 18.079 min
Delta R.T.: 0.001 min
Response: 6221486
Conc: 49.45 ug/ml



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

R.T.: 18.294 min
Delta R.T.: 0.007 min
Response: 5965252
Conc: 46.38 ug/ml

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