

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041824AR\
 Data File : FD047542.D
 Signal(s) : FID2B.ch
 Acq On : 19 Apr 2024 00:35
 Operator : YP/AJ
 Sample : P2124-02MS
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 B-131-SB02MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/19/2024
 Supervised By :Ankita Jodhani 04/19/2024

Integration File: autoint1.e
 Quant Time: Apr 19 04:35:59 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 040224.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 01 16:48:10 2024
 Response via : Initial Calibration
 Integrator: ChemStation

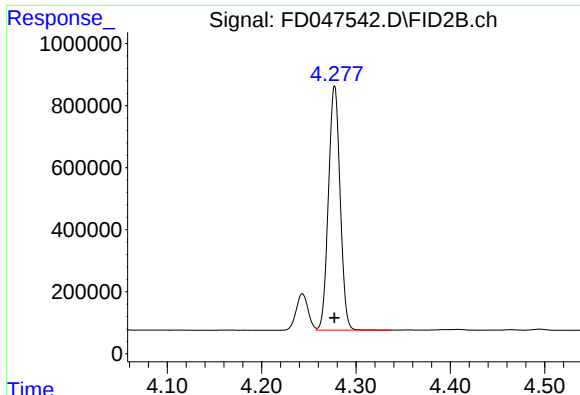
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.463	8167549	54.632 ug/ml
Spiked Amount 50.000		Recovery =	109.26%
6) S 2-Fluorobiphenyl (SURR)	8.316	5238578	53.615 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	107.23%
11) S ortho-Terphenyl (SURR)	11.353	4782508	27.899 ug/ml
Spiked Amount 50.000		Recovery =	55.80%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.277	6789607	42.968 ug/ml
2) T Naphthalene (C11.7)	5.801	7700608	47.058 ug/ml
3) T 2-Methylnaphthalene (...)	6.850	7908764	48.083 ug/ml
5) T Acenaphthylene (C15.06)	8.120	8324019	55.148 ug/ml
7) T Acenaphthene (C15.5)	8.416	8331434	52.018 ug/ml
8) T Flouorene (C16.55)	9.194	8603602	55.614 ug/ml
9) T Phenanthrene (C19.36)	10.585	8759971	58.878 ug/ml
10) T Anthracene (C19.43)	10.661	8642708	63.546 ug/ml
12) T Fluoranthene (C21.85)	12.390	8777018	59.372 ug/ml
13) T Pyrene (C20.8)	12.686	8841566	61.263 ug/ml
14) T Benzo[a]anthracene (C...	14.554	8323612	63.291 ug/mlm
15) T Chrysene (C27.41)	14.598	8192963	58.102 ug/ml
16) T benzo[b]fluoranthene ...	16.100	8327731	59.691 ug/ml
17) T Bnezo[k]fluoranthene ...	16.136	8324378	59.849 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.477	8011463	58.349 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.842	8620014	63.904 ug/ml
20) T Dibenz[a,h]anthracene...	17.882	7943681	59.106 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.095	7751363	55.849 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.



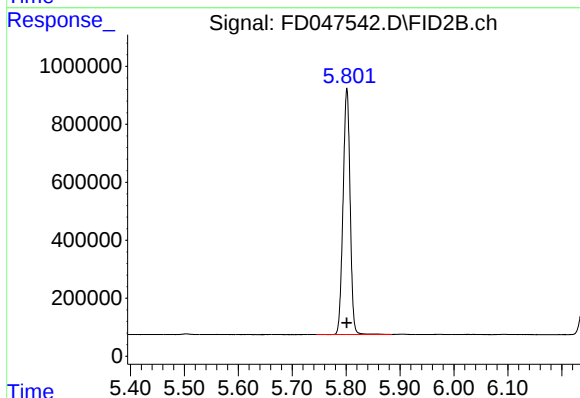
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.277 min
Delta R.T.: 0.000 min
Response: 6789607
Conc: 42.97 ug/ml

Instrument :
FID_D
ClientSampleId :
B-131-SB02MS

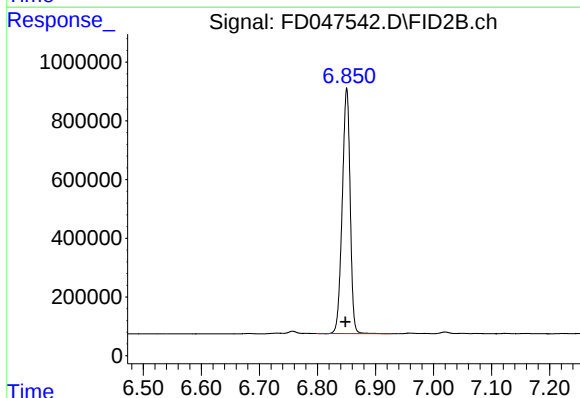
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/19/2024
Supervised By :Ankita Jodhani 04/19/2024



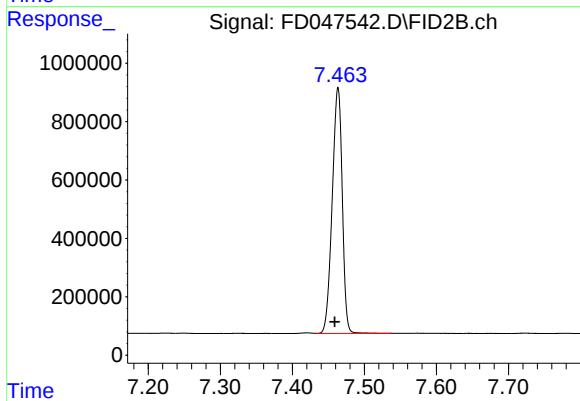
#2 Naphthalene (C11.7)

R.T.: 5.801 min
Delta R.T.: 0.000 min
Response: 7700608
Conc: 47.06 ug/ml



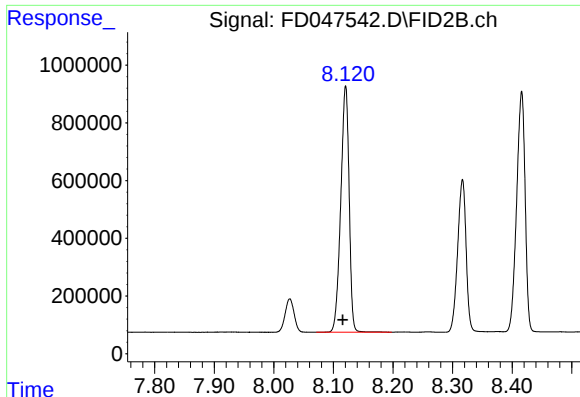
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.850 min
Delta R.T.: 0.002 min
Response: 7908764
Conc: 48.08 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.463 min
Delta R.T.: 0.004 min
Response: 8167549
Conc: 54.63 ug/ml



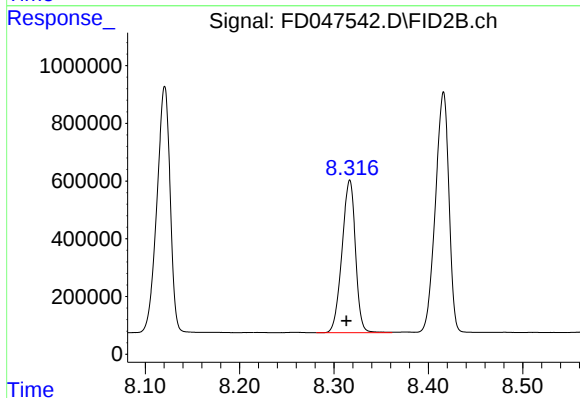
#5 Acenaphthylene (C15.06)

R.T.: 8.120 min
Delta R.T.: 0.005 min
Response: 8324019
Conc: 55.15 ug/ml

Instrument :
FID_D
ClientSampleId :
B-131-SB02MS

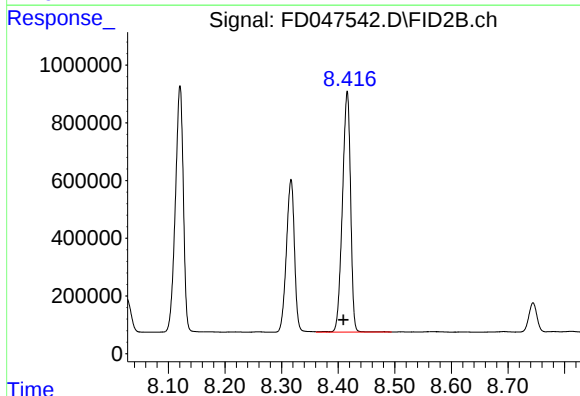
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/19/2024
Supervised By :Ankita Jodhani 04/19/2024



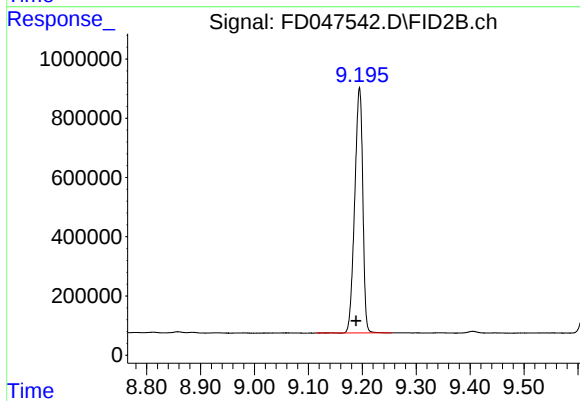
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.316 min
Delta R.T.: 0.003 min
Response: 5238578
Conc: 53.61 ug/ml



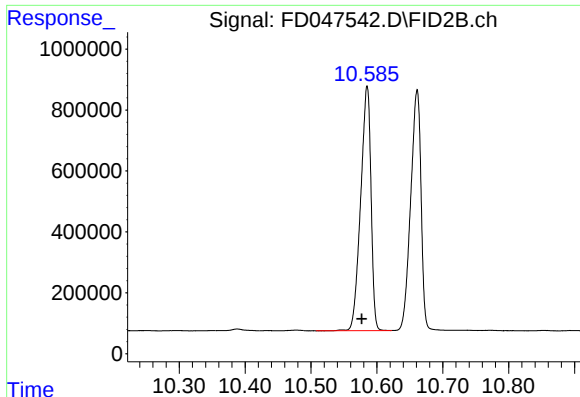
#7 Acenaphthene (C15.5)

R.T.: 8.416 min
Delta R.T.: 0.006 min
Response: 8331434
Conc: 52.02 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.194 min
Delta R.T.: 0.006 min
Response: 8603602
Conc: 55.61 ug/ml



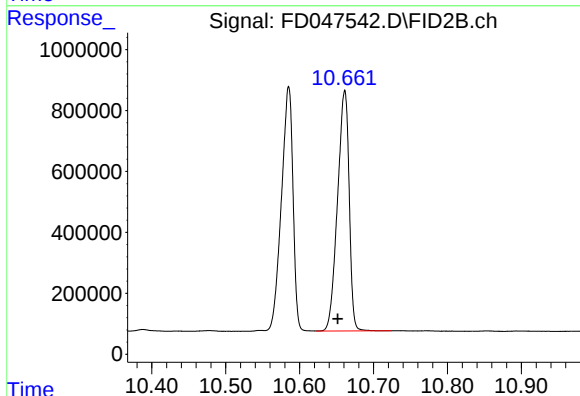
#9 Phenanthrene (C19.36)

R.T.: 10.585 min
Delta R.T.: 0.007 min
Response: 8759971
Conc: 58.88 ug/ml

Instrument :
FID_D
ClientSampleId :
B-131-SB02MS

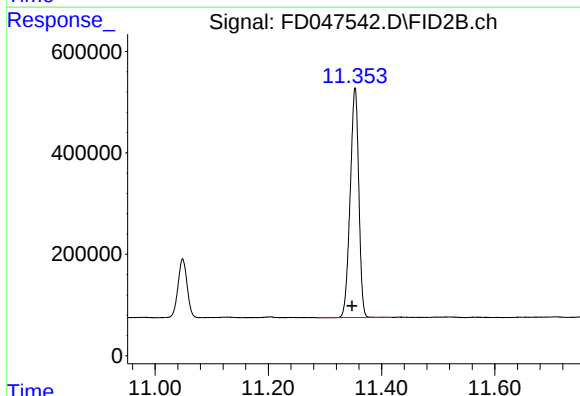
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/19/2024
Supervised By :Ankita Jodhani 04/19/2024



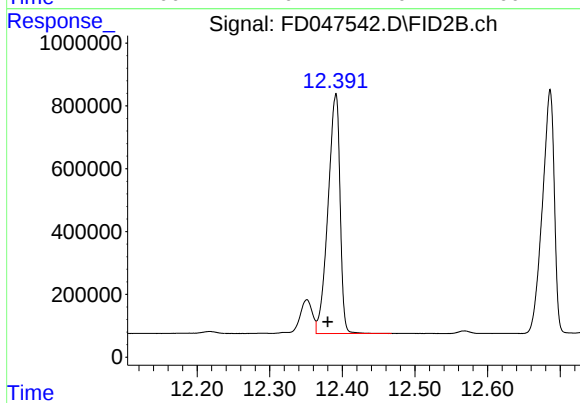
#10 Anthracene (C19.43)

R.T.: 10.661 min
Delta R.T.: 0.009 min
Response: 8642708
Conc: 63.55 ug/ml



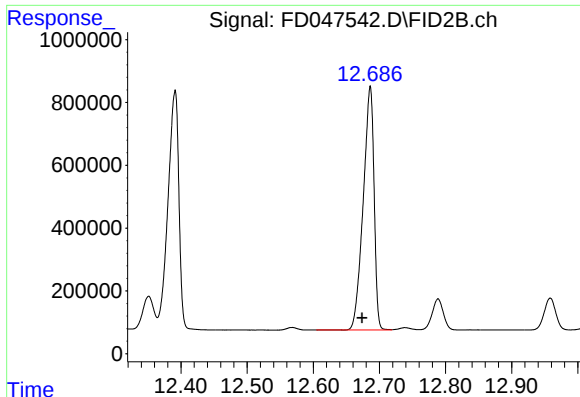
#11 ortho-Terphenyl (SURR)

R.T.: 11.353 min
Delta R.T.: 0.005 min
Response: 4782508
Conc: 27.90 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.390 min
Delta R.T.: 0.011 min
Response: 8777018
Conc: 59.37 ug/ml



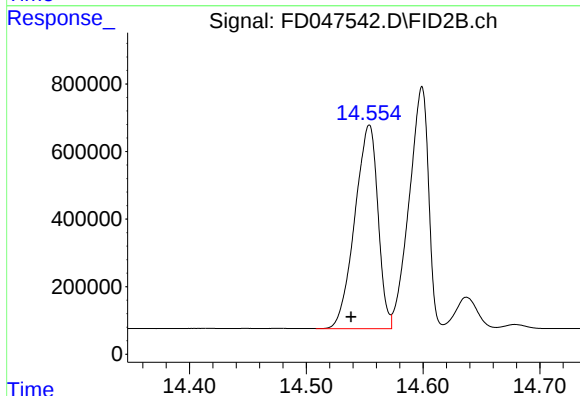
#13 Pyrene (C20.8)

R.T.: 12.686 min
Delta R.T.: 0.012 min
Response: 8841566
Conc: 61.26 ug/ml

Instrument :
FID_D
ClientSampleId :
B-131-SB02MS

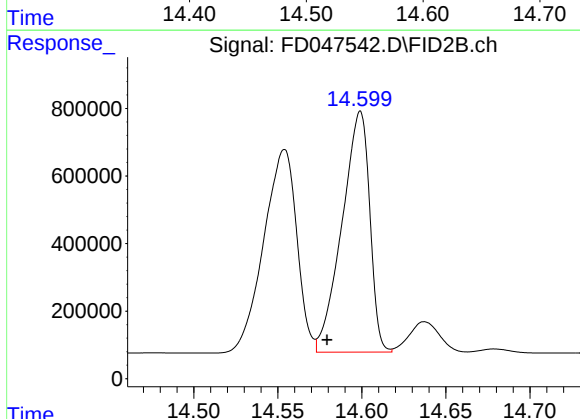
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/19/2024
Supervised By :Ankita Jodhani 04/19/2024



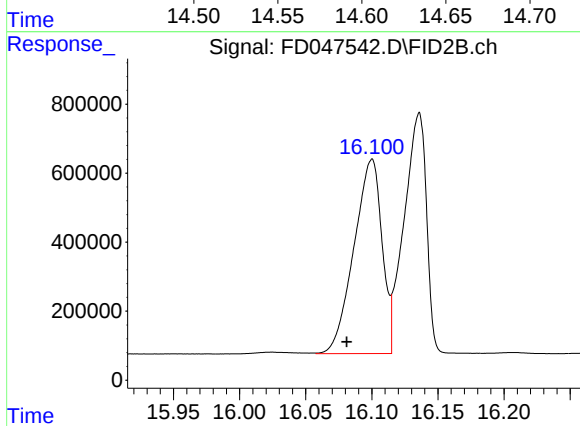
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.554 min
Delta R.T.: 0.015 min
Response: 8323612
Conc: 63.29 ug/ml m



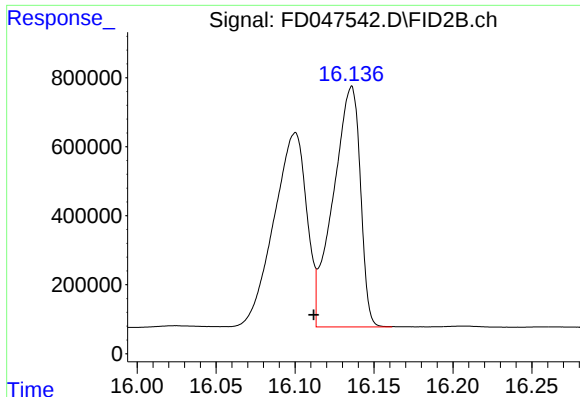
#15 Chrysene (C27.41)

R.T.: 14.598 min
Delta R.T.: 0.019 min
Response: 8192963
Conc: 58.10 ug/ml



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

R.T.: 16.100 min
Delta R.T.: 0.019 min
Response: 8327731
Conc: 59.69 ug/ml



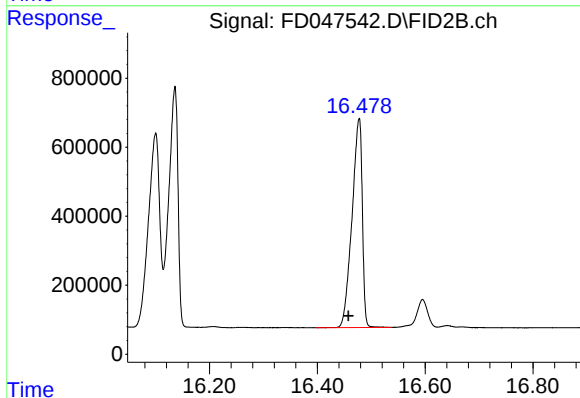
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.136 min
Delta R.T.: 0.024 min
Response: 8324378
Conc: 59.85 ug/ml

Instrument :
FID_D
ClientSampleId :
B-131-SB02MS

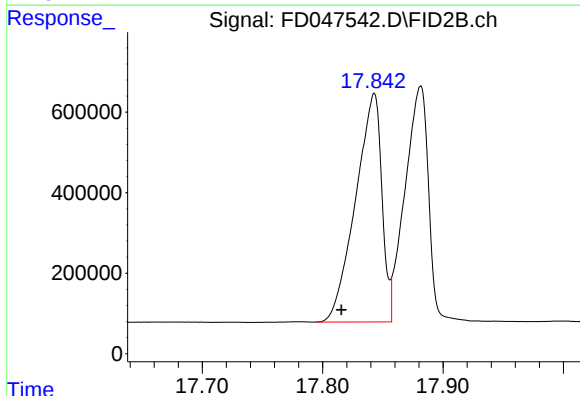
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/19/2024
Supervised By :Ankita Jodhani 04/19/2024



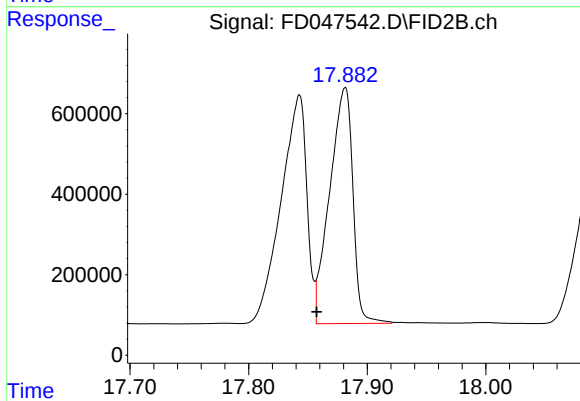
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.477 min
Delta R.T.: 0.019 min
Response: 8011463
Conc: 58.35 ug/ml



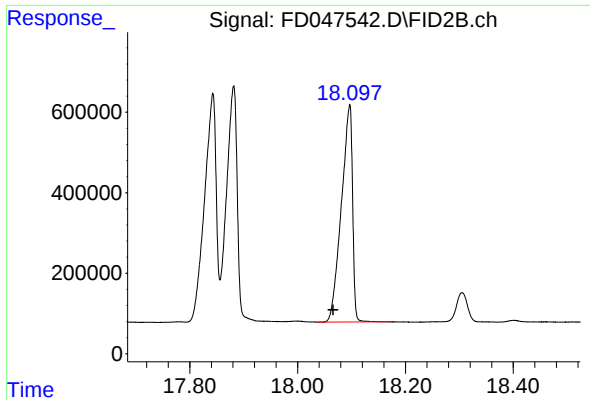
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.842 min
Delta R.T.: 0.026 min
Response: 8620014
Conc: 63.90 ug/ml



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

R.T.: 17.882 min
Delta R.T.: 0.024 min
Response: 7943681
Conc: 59.11 ug/ml m



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

R.T.: 18.095 min
Delta R.T.: 0.030 min
Response: 7751363
Conc: 55.85 ug/ml

Instrument :

FID_D

ClientSampleId :

B-131-SB02MS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/19/2024

Supervised By :Ankita Jodhani 04/19/2024