

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121621AR\
 Data File : FD039948.D
 Signal(s) : FID2B.CH
 Acq On : 16 Dec 2021 9:53
 Operator : AJ\MA
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/17/2021
 Supervised By :Ankita Jodhani 12/17/2021

Integration File: sample.E
 Quant Time: Dec 17 00:13:31 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 121421.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 15 10:24:29 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	6.886	2614939	18.392 ug/ml
Spiked Amount 50.000		Recovery =	36.78%
6) S 2-Fluorobiphenyl (SURR)	7.740	1769112	18.007 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	36.01%
11) S ortho-Terphenyl (SURR)	10.781	2705293	17.771 ug/ml
Spiked Amount 50.000		Recovery =	35.54%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.725	2832158	18.701 ug/mlm
2) T Naphthalene (C11.7)	5.231	2961055	18.424 ug/ml
3) T 2-Methylnaphthalene (...)	6.275	2973499	18.300 ug/ml
5) T Acenaphthylene (C15.06)	7.544	2702337	18.064 ug/ml
7) T Acenaphthene (C15.5)	7.839	2869537	18.060 ug/ml
8) T Flouorene (C16.55)	8.617	2824213	17.950 ug/ml
9) T Phenanthrene (C19.36)	10.008	2761799	17.800 ug/ml
10) T Anthracene (C19.43)	10.082	2604397	17.449 ug/ml
12) T Fluoranthene (C21.85)	11.815	2696055	17.626 ug/ml
13) T Pyrene (C20.8)	12.109	2592286	17.391 ug/mlm
14) T Benzo[a]anthracene (C...	13.979	2366814	17.541 ug/mlm
15) T Chrysene (C27.41)	14.021	2475108	17.602 ug/ml
16) T benzo[b]fluoranthene ...	15.524	2394726	17.850 ug/mlm
17) T Bnezo[k]fluoranthene ...	15.557	2415744	17.854 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.901	2350472	18.128 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.263	2275833	18.582 ug/mlm
20) T Dibenz[a,h]anthracene...	17.305	2351728	19.180 ug/ml
21) T Benzo[g,h,i]perylene ...	17.516	2331608	18.664 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121621AR\
Data File : FD039948.D
Signal(s) : FID2B.CH
Acq On : 16 Dec 2021 9:53
Operator : AJ\MA
Sample : 20 PPM AROMATIC HC STD
Misc :
ALS Vial : 52 Sample Multiplier: 1

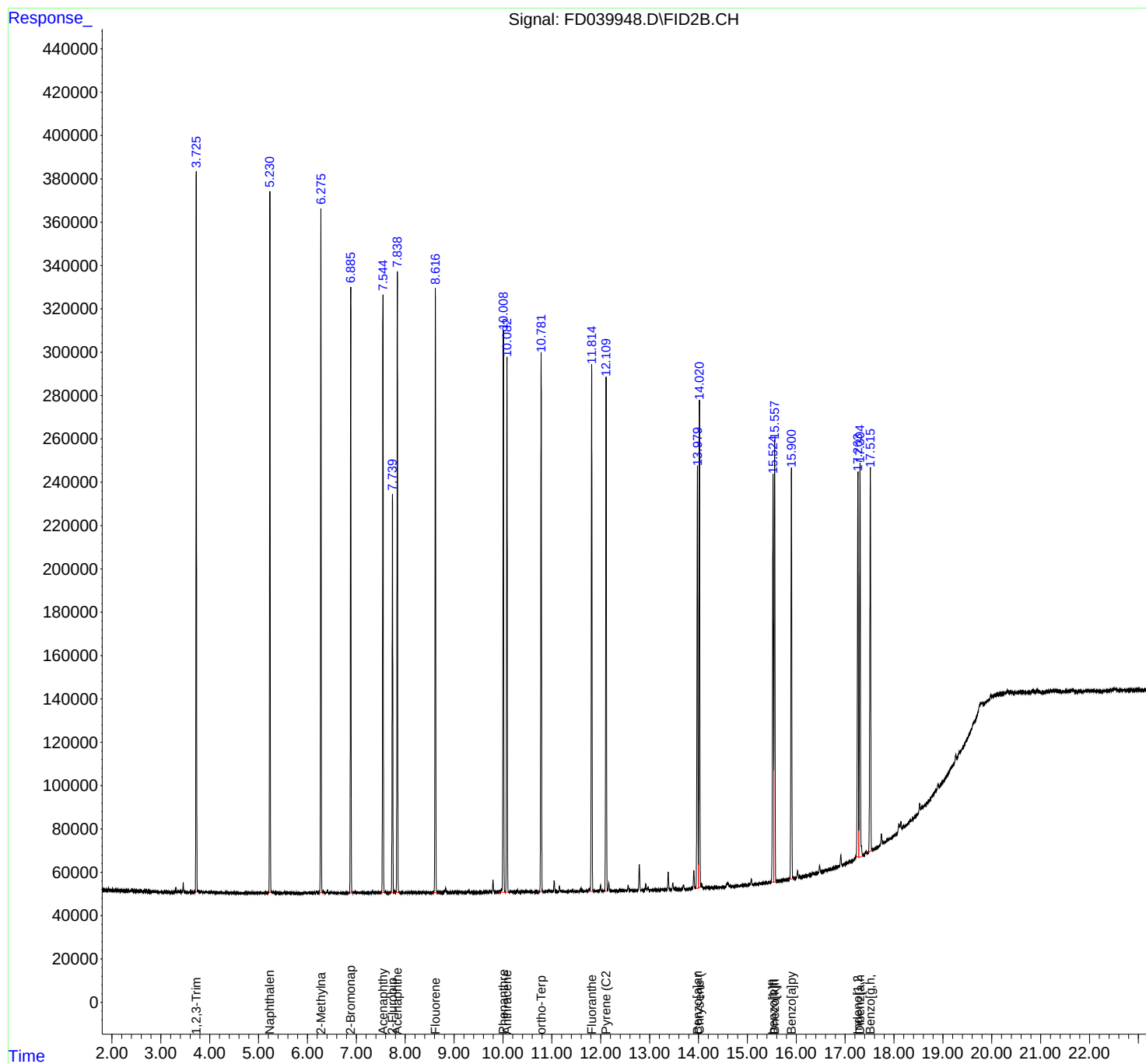
Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

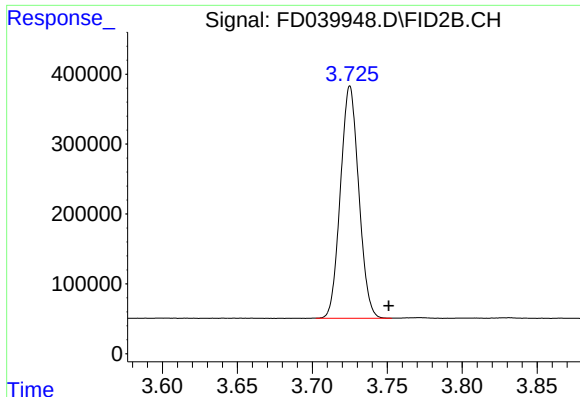
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/17/2021
Supervised By :Ankita Jodhani 12/17/2021

Integration File: sample.E
Quant Time: Dec 17 00:13:31 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 121421.M
Quant Title : GC Extractables
QLast Update : Wed Dec 15 10:24:29 2021
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





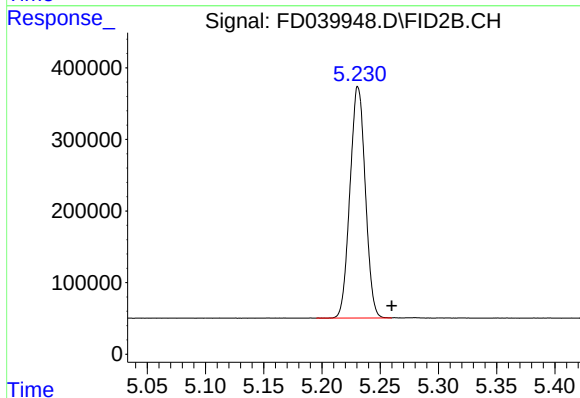
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.725 min
Delta R.T.: -0.026 min
Response: 2832158
Conc: 18.70 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

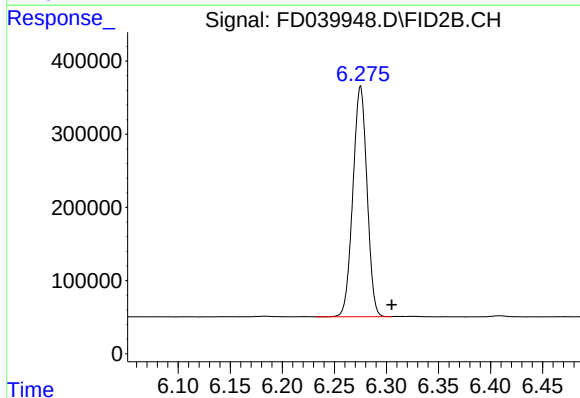
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/17/2021
Supervised By :Ankita Jodhani 12/17/2021



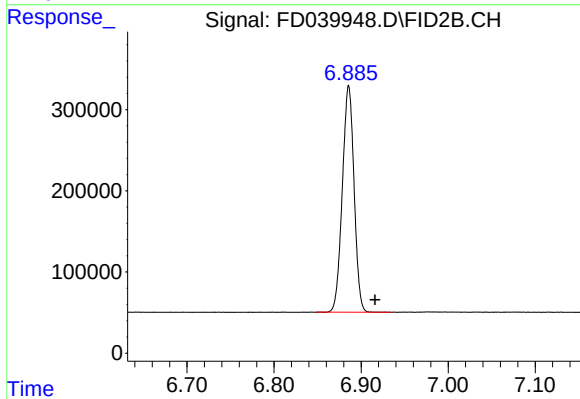
#2 Naphthalene (C11.7)

R.T.: 5.231 min
Delta R.T.: -0.029 min
Response: 2961055
Conc: 18.42 ug/ml



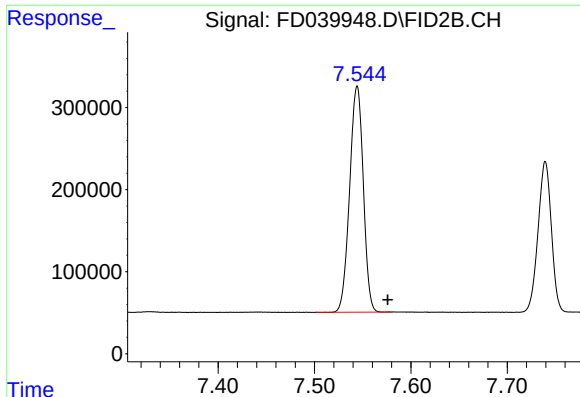
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.275 min
Delta R.T.: -0.030 min
Response: 2973499
Conc: 18.30 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 6.886 min
Delta R.T.: -0.030 min
Response: 2614939
Conc: 18.39 ug/ml



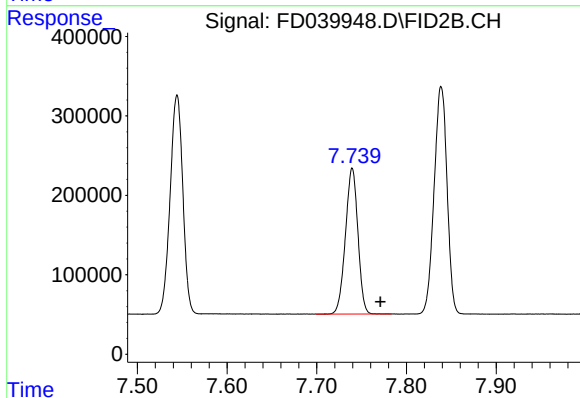
#5 Acenaphthylene (C15.06)

R.T.: 7.544 min
Delta R.T.: -0.032 min
Response: 2702337
Conc: 18.06 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

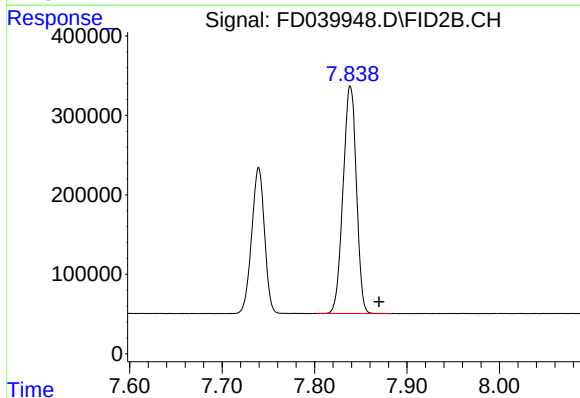
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/17/2021
Supervised By :Ankita Jodhani 12/17/2021



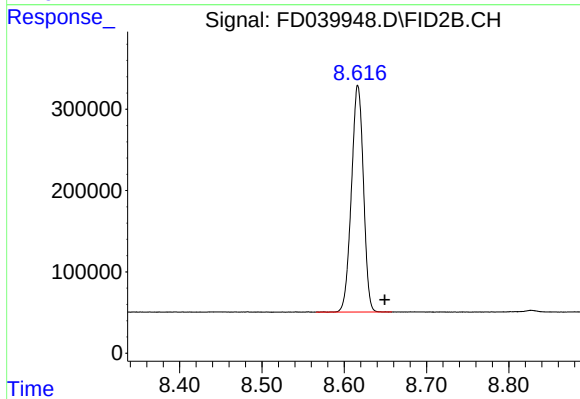
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.740 min
Delta R.T.: -0.031 min
Response: 1769112
Conc: 18.01 ug/ml



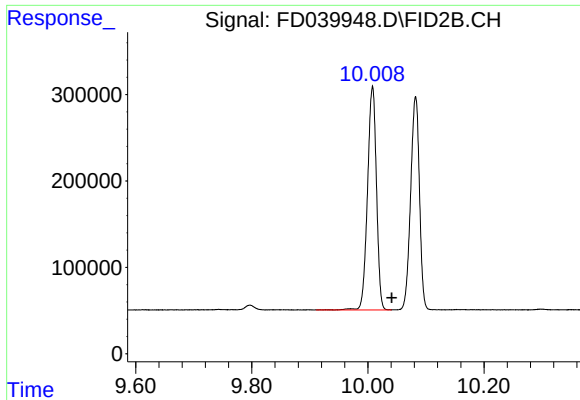
#7 Acenaphthene (C15.5)

R.T.: 7.839 min
Delta R.T.: -0.031 min
Response: 2869537
Conc: 18.06 ug/ml



#8 Fluorene (C16.55)

R.T.: 8.617 min
Delta R.T.: -0.032 min
Response: 2824213
Conc: 17.95 ug/ml



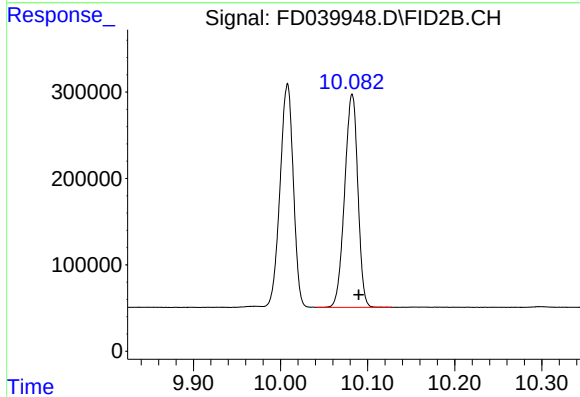
#9 Phenanthrene (C19.36)

R.T.: 10.008 min
Delta R.T.: -0.033 min
Response: 2761799
Conc: 17.80 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

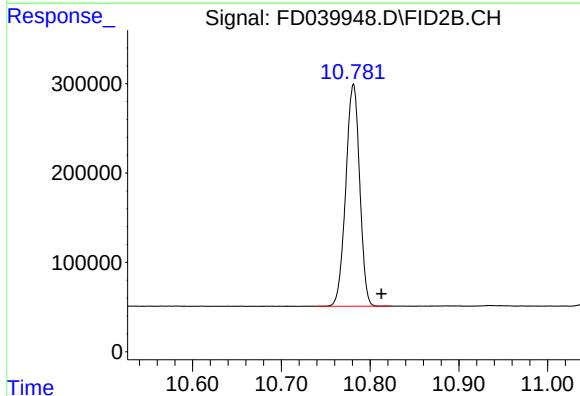
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/17/2021
Supervised By :Ankita Jodhani 12/17/2021



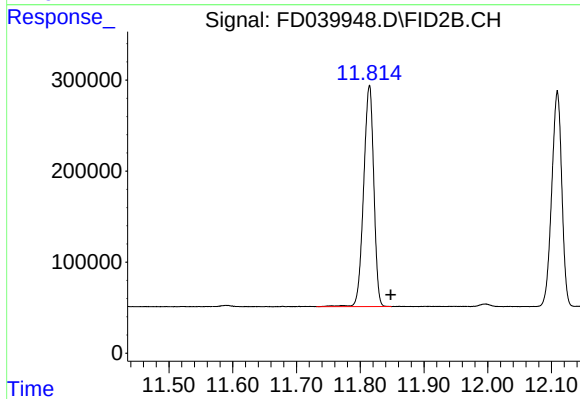
#10 Anthracene (C19.43)

R.T.: 10.082 min
Delta R.T.: -0.008 min
Response: 2604397
Conc: 17.45 ug/ml



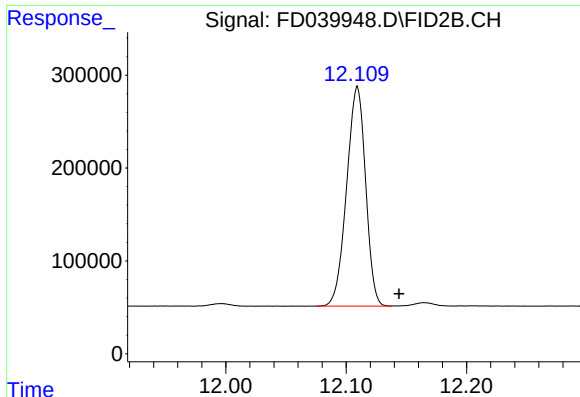
#11 ortho-Terphenyl (SURR)

R.T.: 10.781 min
Delta R.T.: -0.032 min
Response: 2705293
Conc: 17.77 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 11.815 min
Delta R.T.: -0.033 min
Response: 2696055
Conc: 17.63 ug/ml



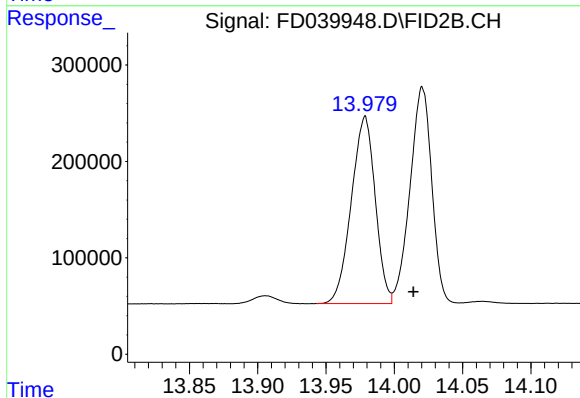
#13 Pyrene (C20.8)

R.T.: 12.109 min
Delta R.T.: -0.035 min
Response: 2592286
Conc: 17.39 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

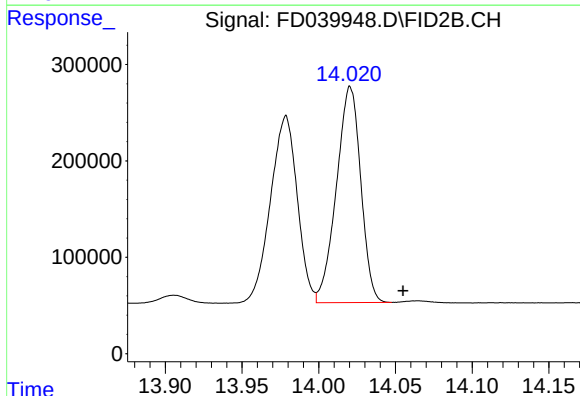
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/17/2021
Supervised By :Ankita Jodhani 12/17/2021



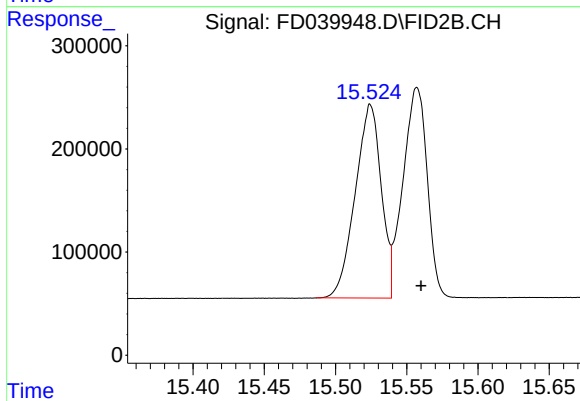
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.979 min
Delta R.T.: -0.035 min
Response: 2366814
Conc: 17.54 ug/ml m



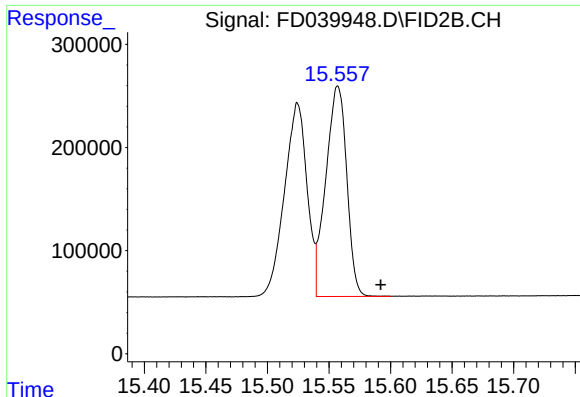
#15 Chrysene (C27.41)

R.T.: 14.021 min
Delta R.T.: -0.034 min
Response: 2475108
Conc: 17.60 ug/ml



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

R.T.: 15.524 min
Delta R.T.: -0.036 min
Response: 2394726
Conc: 17.85 ug/ml m



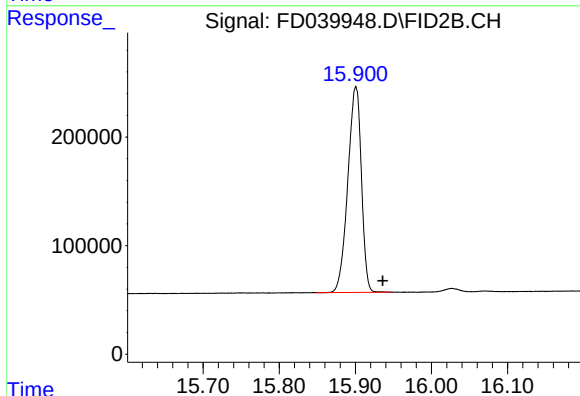
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.557 min
Delta R.T.: -0.035 min
Response: 2415744
Conc: 17.85 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

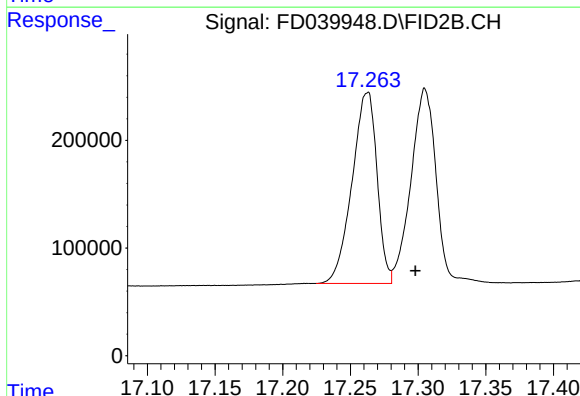
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/17/2021
Supervised By :Ankita Jodhani 12/17/2021



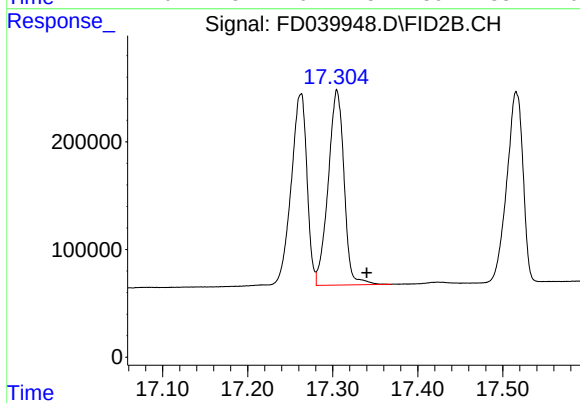
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.901 min
Delta R.T.: -0.035 min
Response: 2350472
Conc: 18.13 ug/ml



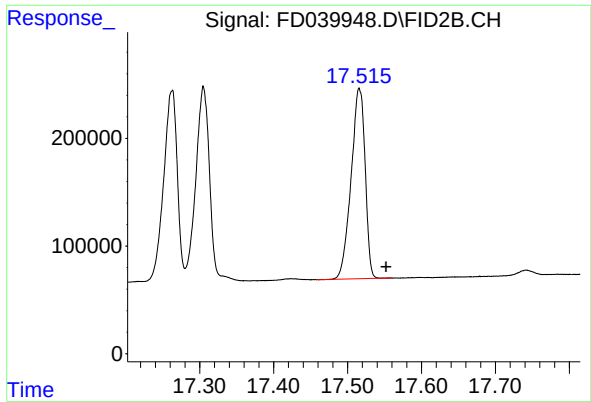
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.263 min
Delta R.T.: -0.035 min
Response: 2275833
Conc: 18.58 ug/ml m



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

R.T.: 17.305 min
Delta R.T.: -0.035 min
Response: 2351728
Conc: 19.18 ug/ml



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

R.T.: 17.516 min
Delta R.T.: -0.036 min
Response: 2331608
Conc: 18.66 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/17/2021
Supervised By :Ankita Jodhani 12/17/2021