

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031020AR\
 Data File : FD032567.D
 Signal(s) : FID2B.CH
 Acq On : 11 Mar 2020 4:09
 Operator : DD\AJ
 Sample : L1852-09MSD
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 TP-2-D1MSD

Manual Integrations
 APPROVED

Sohil
 3/12/2020 2:55:53 PM

Integration File: autoint1.e
 Quant Time: Mar 11 07:24:53 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030320.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 04 03:14:19 2020
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

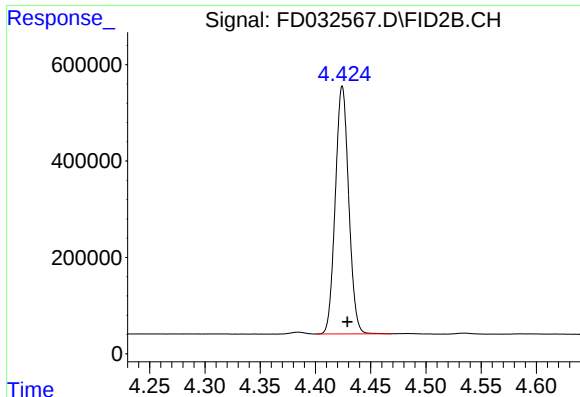
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.620	4806656	37.190 ug/ml
Spiked Amount 50.000		Recovery =	74.38%
6) S 2-Fluorobiphenyl (SURR)	8.482	3078870	34.876 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	69.75%
11) S ortho-Terphenyl (SURR)	11.518	3904225	28.158 ug/ml
Spiked Amount 50.000		Recovery =	56.32%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.424	4350755	32.708 ug/ml
2) T Naphthalene (C11.7)	5.961	5025639	35.371 ug/ml
3) T 2-Methylnaphthalene (...)	7.011	5142112	36.224 ug/ml
5) T Acenaphthylene (C15.06)	8.285	5056254	36.963 ug/ml
7) T Acenaphthene (C15.5)	8.581	5529762	39.166 ug/ml
8) T Fluorene (C16.55)	9.360	5649725	40.303 ug/ml
9) T Phenanthrene (C19.36)	10.757	7662399	54.830 ug/ml
10) T Anthracene (C19.43)	10.831	5968932	42.633 ug/ml
12) T Fluoranthene (C21.85)	12.571	8201042	58.473 ug/ml
13) T Pyrene (C20.8)	12.866	7467823	54.313 ug/ml
14) T Benzo[a]anthracene (C...	14.735	6188462	47.425 ug/ml
15) T Chrysene (C27.41)	14.780	6293030	46.747 ug/ml
16) T benzo[b]fluoranthene ...	16.288	6420693	50.049 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.320	5299025	40.365 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.668	5826360	45.736 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.035	5654544	47.452 ug/ml
20) T Dibenz[a,h]anthracene...	18.070	4782472	37.824 ug/ml
21) T Benzo[g,h,i]perylene ...	18.290	5377513	45.488 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.



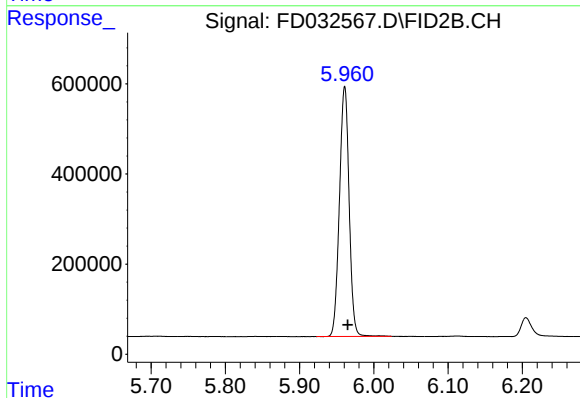
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.424 min
Delta R.T.: -0.005 min
Response: 4350755
Conc: 32.71 ug/ml

Instrument :
FID_D
ClientSampleId :
TP-2-D1MSD

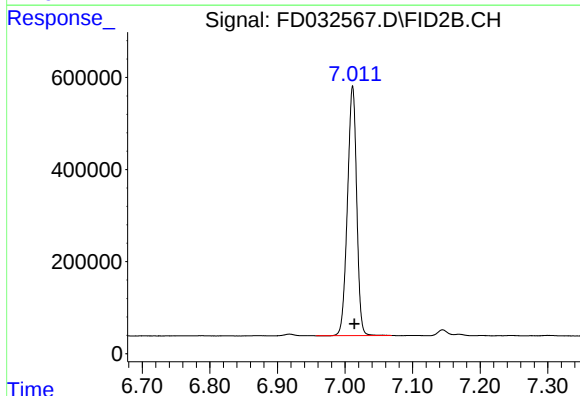
Manual Integrations
APPROVED

Sohil
3/12/2020 2:55:53 PM



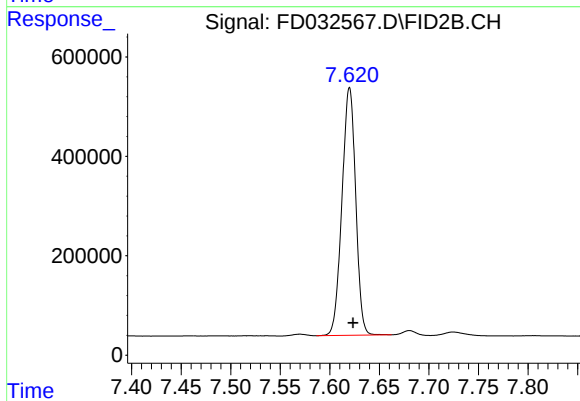
#2 Naphthalene (C11.7)

R.T.: 5.961 min
Delta R.T.: -0.004 min
Response: 5025639
Conc: 35.37 ug/ml



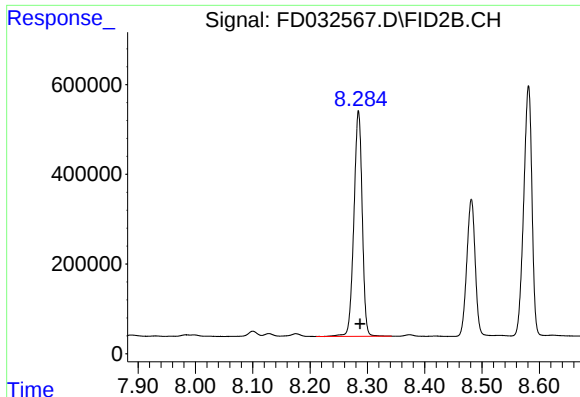
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.011 min
Delta R.T.: -0.003 min
Response: 5142112
Conc: 36.22 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.620 min
Delta R.T.: -0.004 min
Response: 4806656
Conc: 37.19 ug/ml



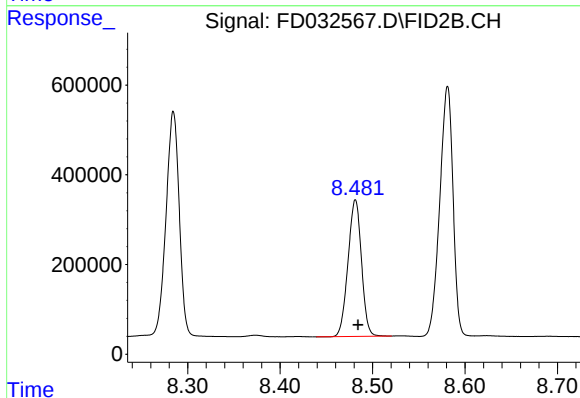
#5 Acenaphthylene (C15.06)

R.T.: 8.285 min
Delta R.T.: -0.003 min
Response: 5056254
Conc: 36.96 ug/ml

Instrument :
FID_D
ClientSampleId :
TP-2-D1MSD

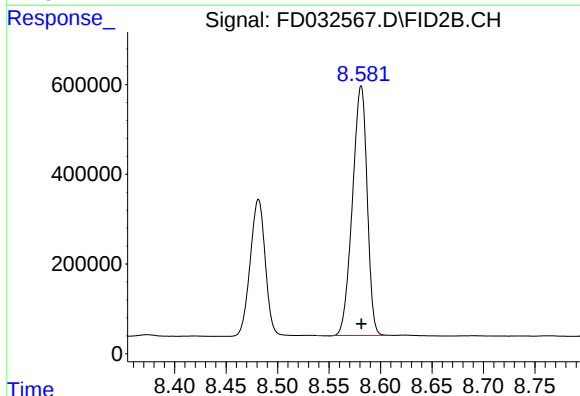
Manual Integrations
APPROVED

Sohil
3/12/2020 2:55:53 PM



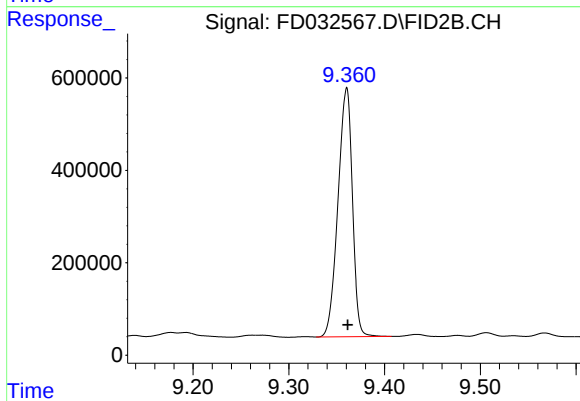
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.482 min
Delta R.T.: -0.003 min
Response: 3078870
Conc: 34.88 ug/ml



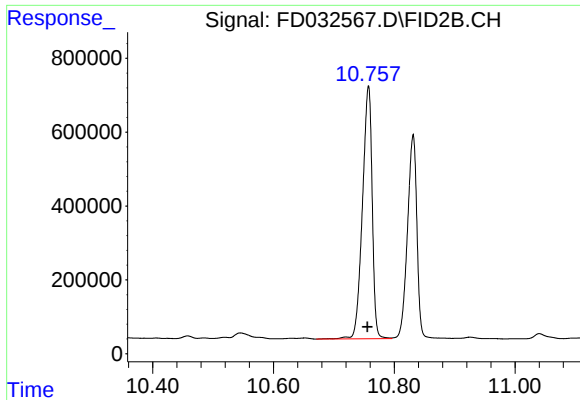
#7 Acenaphthene (C15.5)

R.T.: 8.581 min
Delta R.T.: 0.000 min
Response: 5529762
Conc: 39.17 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.360 min
Delta R.T.: -0.001 min
Response: 5649725
Conc: 40.30 ug/ml



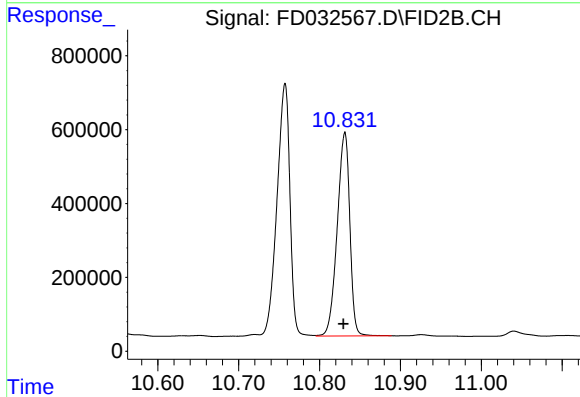
#9 Phenanthrene (C19.36)

R.T.: 10.757 min
Delta R.T.: 0.002 min
Response: 7662399
Conc: 54.83 ug/ml

Instrument :
FID_D
ClientSampleId :
TP-2-D1MSD

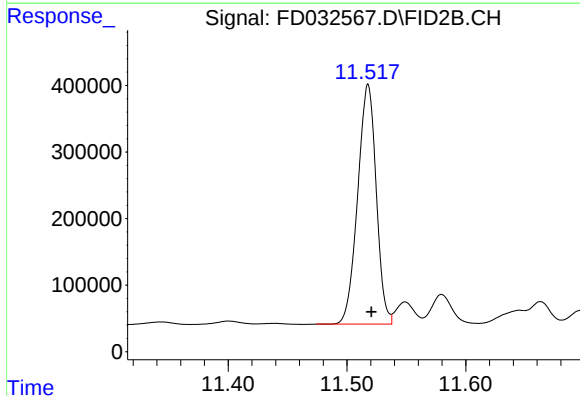
Manual Integrations
APPROVED

Sohil
3/12/2020 2:55:53 PM



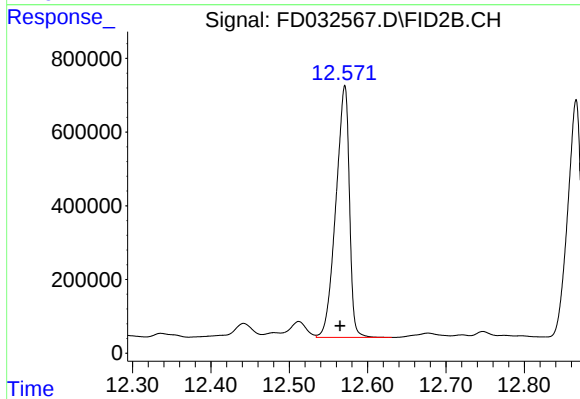
#10 Anthracene (C19.43)

R.T.: 10.831 min
Delta R.T.: 0.002 min
Response: 5968932
Conc: 42.63 ug/ml



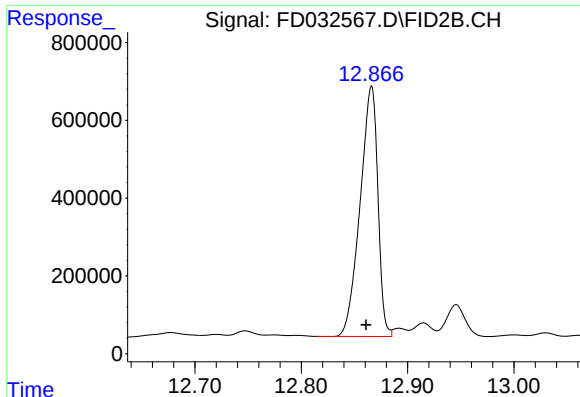
#11 ortho-Terphenyl (SURR)

R.T.: 11.518 min
Delta R.T.: -0.003 min
Response: 3904225
Conc: 28.16 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.571 min
Delta R.T.: 0.006 min
Response: 8201042
Conc: 58.47 ug/ml



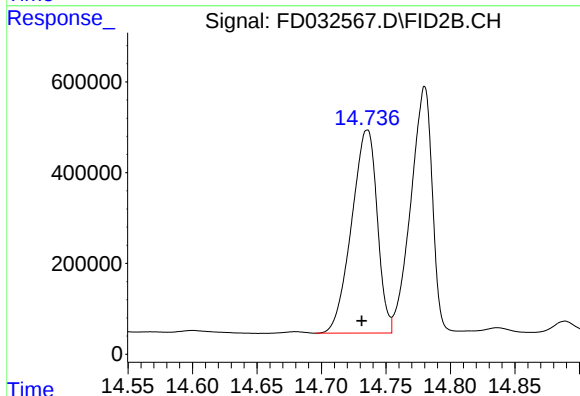
#13 Pyrene (C20.8)

R.T.: 12.866 min
Delta R.T.: 0.005 min
Response: 7467823
Conc: 54.31 ug/ml

Instrument :
FID_D
ClientSampleId :
TP-2-D1MSD

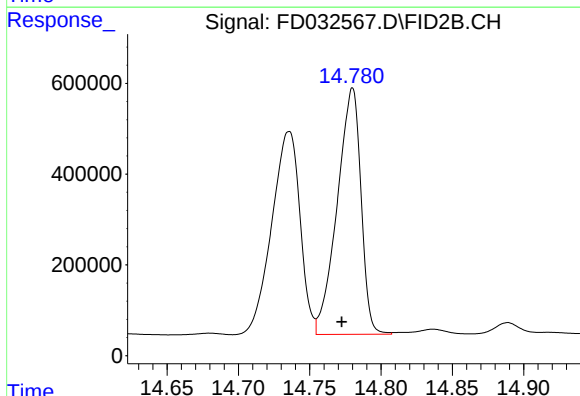
Manual Integrations
APPROVED

Sohil
3/12/2020 2:55:53 PM



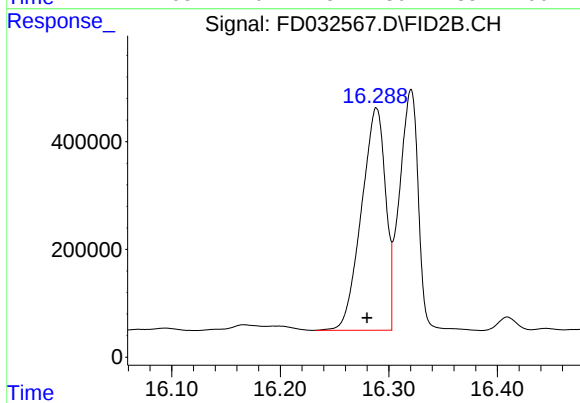
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.735 min
Delta R.T.: 0.004 min
Response: 6188462
Conc: 47.42 ug/ml



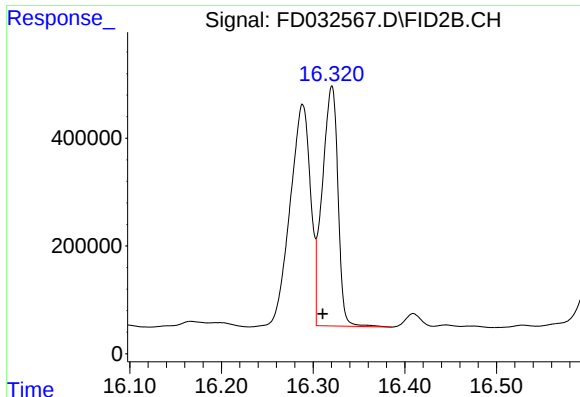
#15 Chrysene (C27.41)

R.T.: 14.780 min
Delta R.T.: 0.007 min
Response: 6293030
Conc: 46.75 ug/ml



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

R.T.: 16.288 min
Delta R.T.: 0.008 min
Response: 6420693
Conc: 50.05 ug/ml m



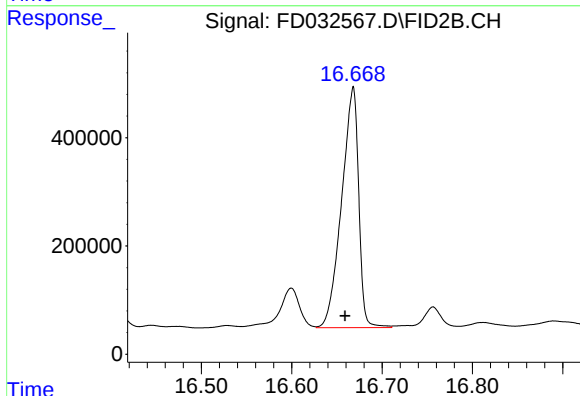
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.320 min
Delta R.T.: 0.010 min
Response: 5299025
Conc: 40.37 ug/ml

Instrument :
FID_D
ClientSampleId :
TP-2-D1MSD

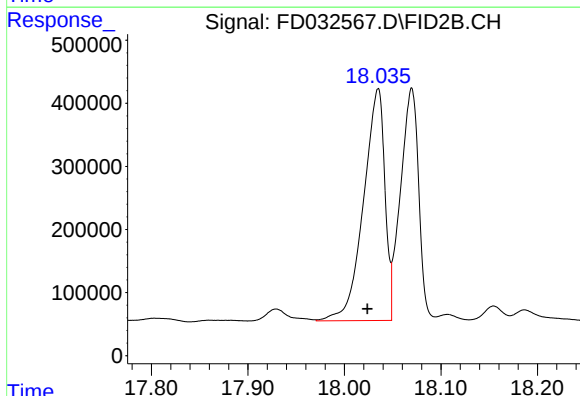
Manual Integrations
APPROVED

Sohil
3/12/2020 2:55:53 PM



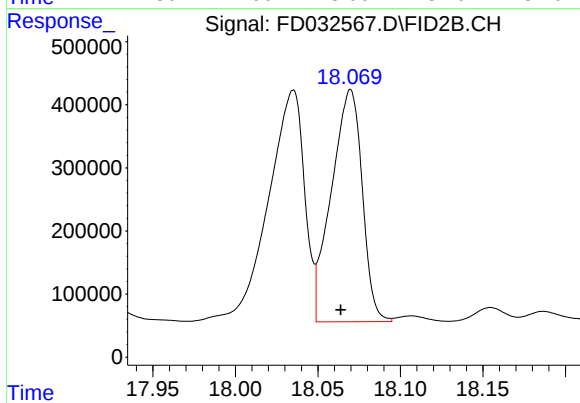
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.668 min
Delta R.T.: 0.009 min
Response: 5826360
Conc: 45.74 ug/ml



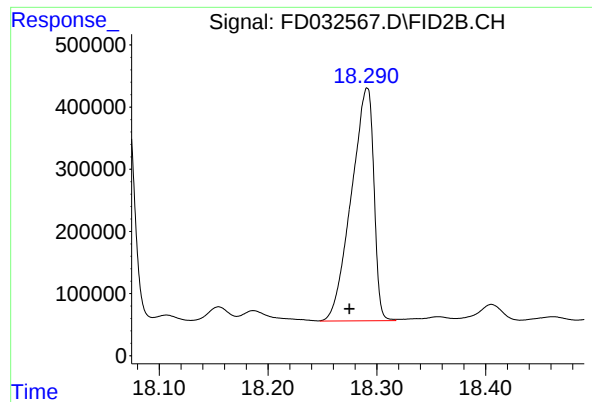
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.035 min
Delta R.T.: 0.011 min
Response: 5654544
Conc: 47.45 ug/ml



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

R.T.: 18.070 min
Delta R.T.: 0.006 min
Response: 4782472
Conc: 37.82 ug/ml



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

R.T.: 18.290 min
Delta R.T.: 0.016 min
Response: 5377513
Conc: 45.49 ug/ml m

Instrument :
FID_D
ClientSampleId :
TP-2-D1MSD

Manual Integrations
APPROVED

Sohil
3/12/2020 2:55:53 PM