

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072221AR\
 Data File : FD038328.D
 Signal(s) : FID2B.CH
 Acq On : 22 Jul 2021 20:33
 Operator : AJ\MA
 Sample : M3117-07MSD
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 NJ-CLEAN-7MSD

Manual Integrations
 APPROVED

mohammad
 7/23/2021 4:30:52 PM

Integration File: autoint1.e
 Quant Time: Jul 23 01:42:51 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 070621.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 07 10:27:43 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...	7.515	7599256	58.308 ug/ml
Spiked Amount 50.000		Recovery =	116.62%
6) S 2-Fluorobiphenyl (SURR)	8.376	4032238	45.566 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	91.13%
11) S ortho-Terphenyl (SURR)	11.413	7988883	52.715 ug/ml
Spiked Amount 50.000		Recovery =	105.43%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.322	6745391	47.622 ug/ml
2) T Naphthalene (C11.7)	5.854	8215019	55.565 ug/ml
3) T 2-Methylnaphthalene (...)	6.906	8633560	58.827 ug/ml
5) T Acenaphthylene (C15.06)	8.181	9600242	64.356 ug/ml
7) T Acenaphthene (C15.5)	8.478	10117457	65.343 ug/ml
8) T Fluorene (C16.55)	9.258	9853920	67.220 ug/ml
9) T Phenanthrene (C19.36)	10.653	9479561	65.577 ug/ml
10) T Anthracene (C19.43)	10.730	9336048	65.992 ug/ml
12) T Fluoranthene (C21.85)	12.467	9453790	65.256 ug/ml
13) T Pyrene (C20.8)	12.764	9491550	66.612 ug/ml
14) T Benzo[a]anthracene (C...	14.638	9157282	71.721 ug/ml
15) T Chrysene (C27.41)	14.684	10123841	71.509 ug/ml
16) T benzo[b]fluoranthene ...	16.193	9569596	76.740 ug/ml
17) T Bnezo[k]fluoranthene ...	16.231	9114676	69.482 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.575	9347900	79.690 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.946	8762146	84.656 ug/ml
20) T Dibenz[a,h]anthracene...	17.982	8831521	74.926 ug/ml
21) T Benzo[g,h,i]perylene ...	18.205	8998979	82.445 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072221AR\
Data File : FD038328.D
Signal(s) : FID2B.CH
Acq On : 22 Jul 2021 20:33
Operator : AJ\MA
Sample : M3117-07MSD
Misc :
ALS Vial : 64 Sample Multiplier: 1

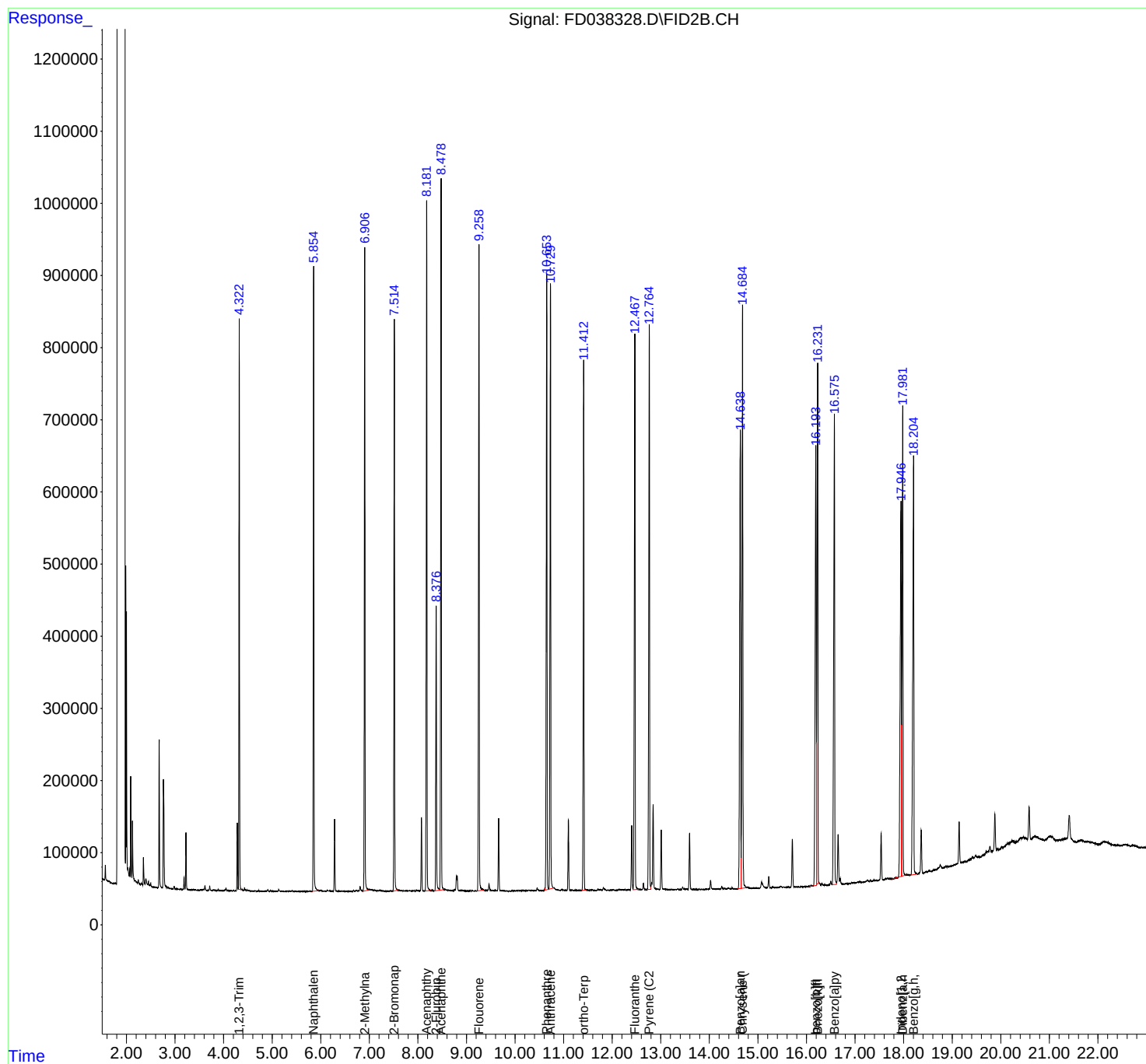
Instrument :
FID_D
ClientSampled :
NJ-CLEAN-7MSD

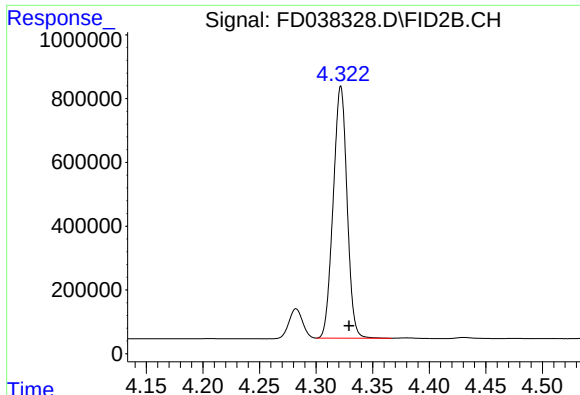
Manual Integrations
APPROVED

mohammad
7/23/2021 4:30:52 PM

Integration File: autoint1.e
Quant Time: Jul 23 01:42:51 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 070621.M
Quant Title : GC Extractables
QLast Update : Wed Jul 07 10:27:43 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





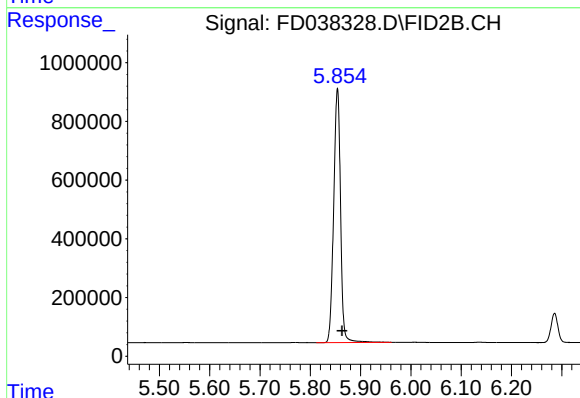
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.322 min
Delta R.T.: -0.007 min
Response: 6745391
Conc: 47.62 ug/ml

Instrument :
FID_D
ClientSampleId :
NJ-CLEAN-7MSD

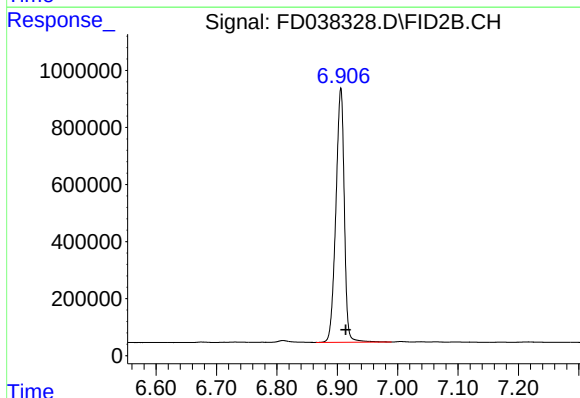
Manual Integrations
APPROVED

mohammad
7/23/2021 4:30:52 PM



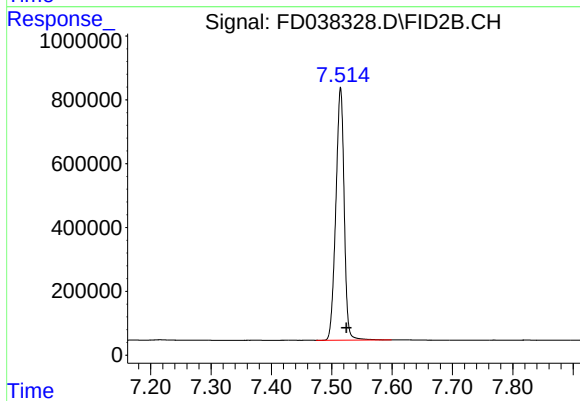
#2 Naphthalene (C11.7)

R.T.: 5.854 min
Delta R.T.: -0.009 min
Response: 8215019
Conc: 55.57 ug/ml



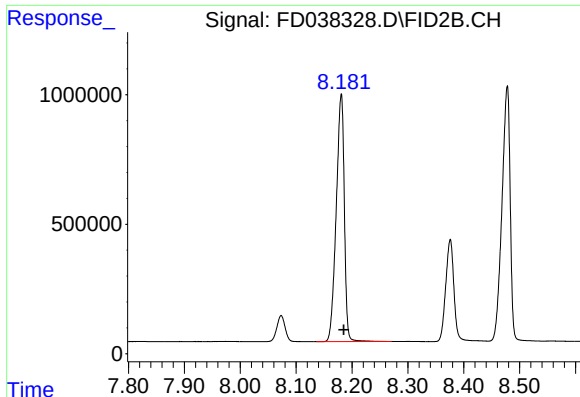
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.906 min
Delta R.T.: -0.008 min
Response: 8633560
Conc: 58.83 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.515 min
Delta R.T.: -0.010 min
Response: 7599256
Conc: 58.31 ug/ml



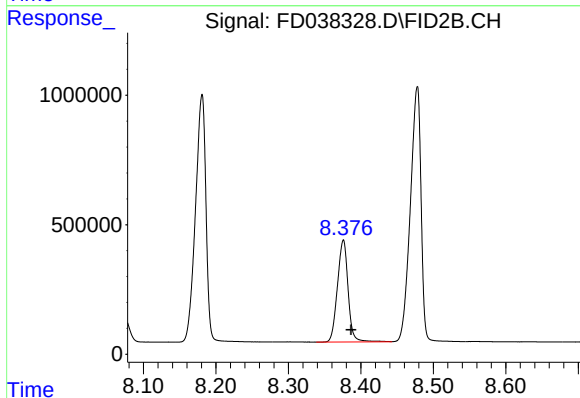
#5 Acenaphthylene (C15.06)

R.T.: 8.181 min
Delta R.T.: -0.004 min
Response: 9600242
Conc: 64.36 ug/ml

Instrument :
FID_D
ClientSampleId :
NJ-CLEAN-7MSD

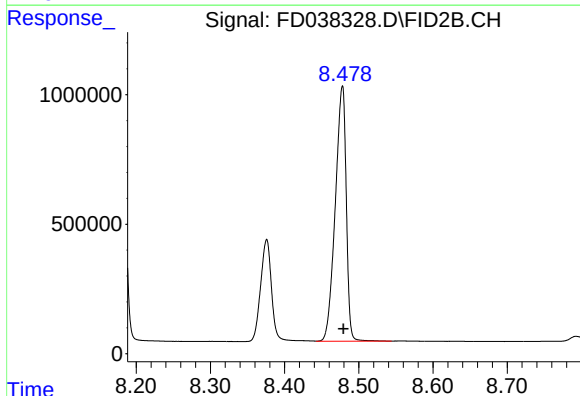
Manual Integrations
APPROVED

mohammad
7/23/2021 4:30:52 PM



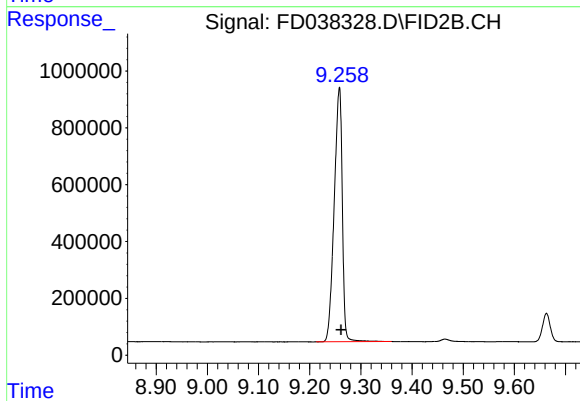
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.376 min
Delta R.T.: -0.010 min
Response: 4032238
Conc: 45.57 ug/ml



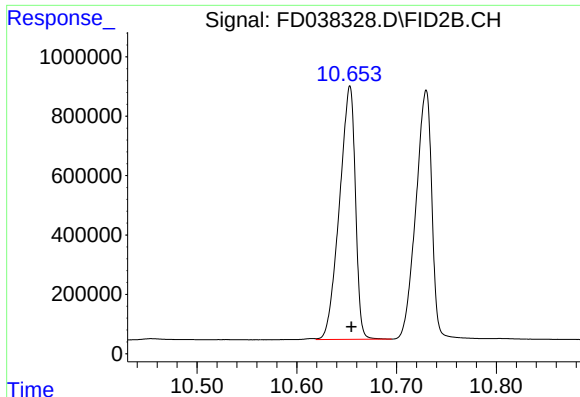
#7 Acenaphthene (C15.5)

R.T.: 8.478 min
Delta R.T.: -0.001 min
Response: 10117457
Conc: 65.34 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.258 min
Delta R.T.: -0.003 min
Response: 9853920
Conc: 67.22 ug/ml



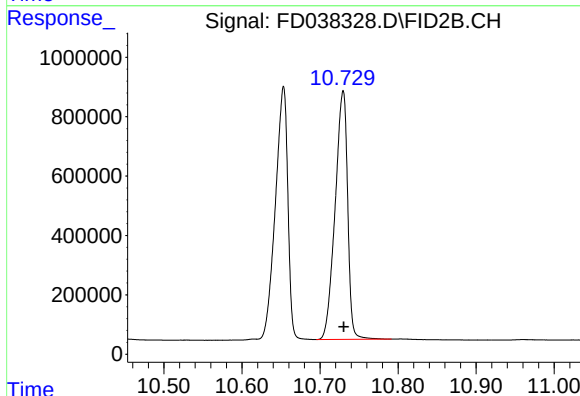
#9 Phenanthrene (C19.36)

R.T.: 10.653 min
Delta R.T.: -0.001 min
Response: 9479561
Conc: 65.58 ug/ml

Instrument :
FID_D
ClientSampleId :
NJ-CLEAN-7MSD

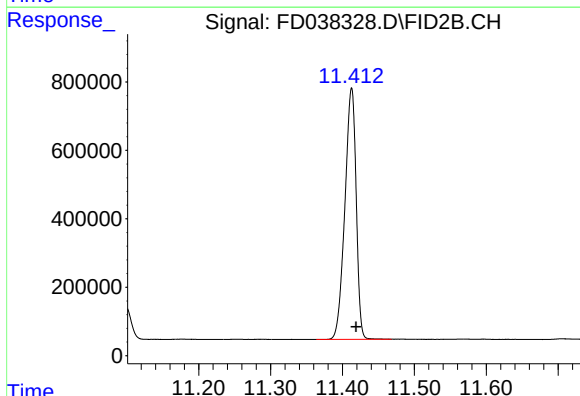
Manual Integrations
APPROVED

mohammad
7/23/2021 4:30:52 PM



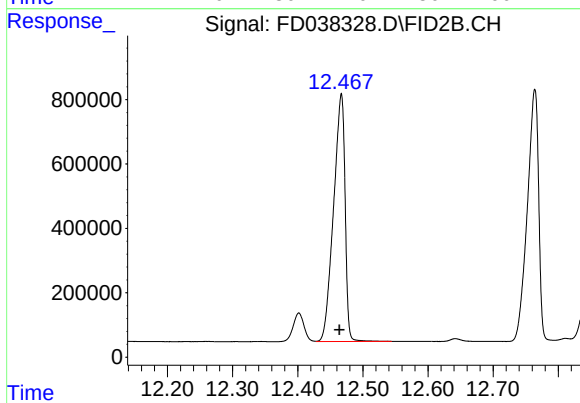
#10 Anthracene (C19.43)

R.T.: 10.730 min
Delta R.T.: 0.000 min
Response: 9336048
Conc: 65.99 ug/ml



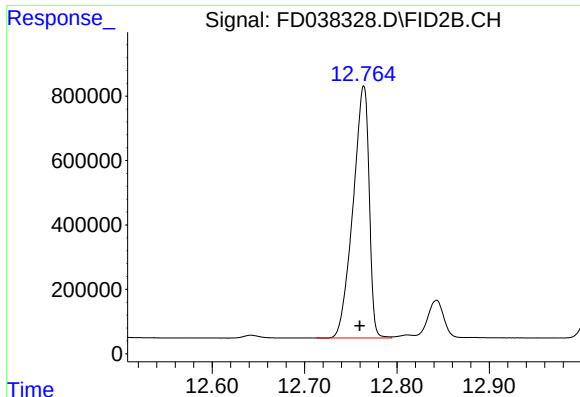
#11 ortho-Terphenyl (SURR)

R.T.: 11.413 min
Delta R.T.: -0.006 min
Response: 7988883
Conc: 52.71 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.467 min
Delta R.T.: 0.003 min
Response: 9453790
Conc: 65.26 ug/ml



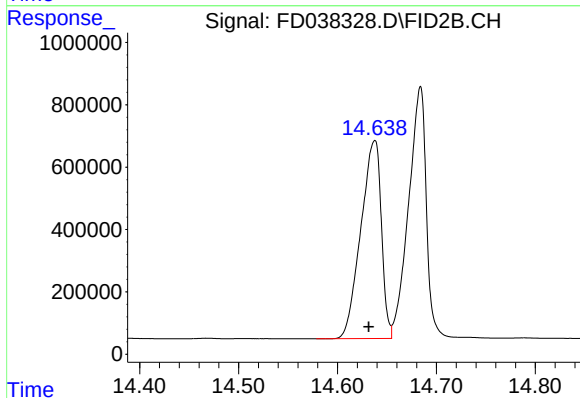
#13 Pyrene (C20.8)

R.T.: 12.764 min
Delta R.T.: 0.004 min
Response: 9491550
Conc: 66.61 ug/ml

Instrument :
FID_D
ClientSampleId :
NJ-CLEAN-7MSD

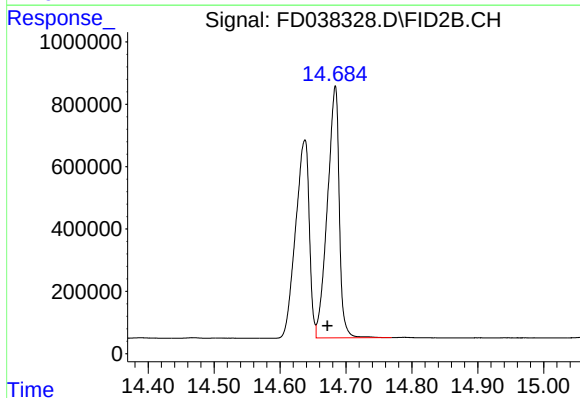
Manual Integrations
APPROVED

mohammad
7/23/2021 4:30:52 PM



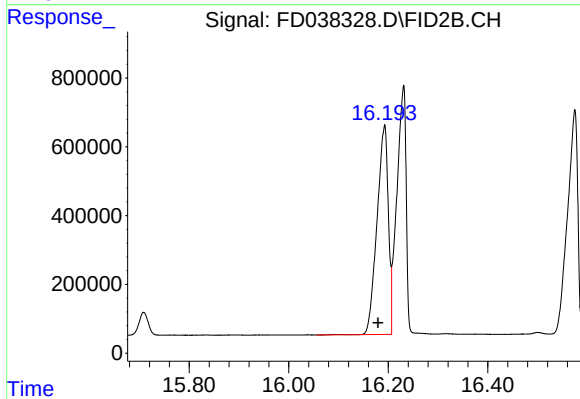
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.638 min
Delta R.T.: 0.006 min
Response: 9157282
Conc: 71.72 ug/ml



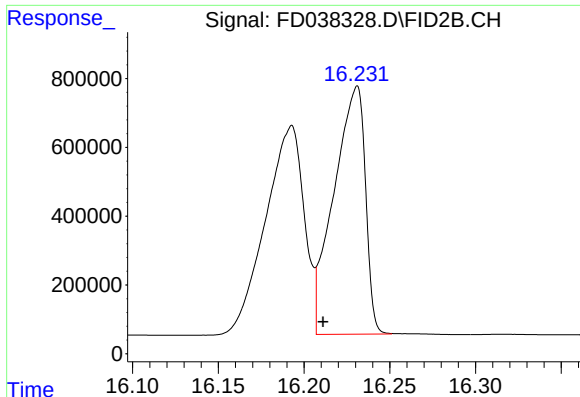
#15 Chrysene (C27.41)

R.T.: 14.684 min
Delta R.T.: 0.012 min
Response: 10123841
Conc: 71.51 ug/ml



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

R.T.: 16.193 min
Delta R.T.: 0.013 min
Response: 9569596
Conc: 76.74 ug/ml



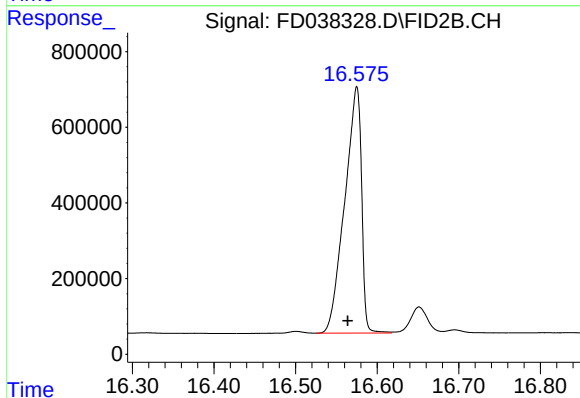
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.231 min
Delta R.T.: 0.020 min
Response: 9114676
Conc: 69.48 ug/ml m

Instrument :
FID_D
ClientSampleId :
NJ-CLEAN-7MSD

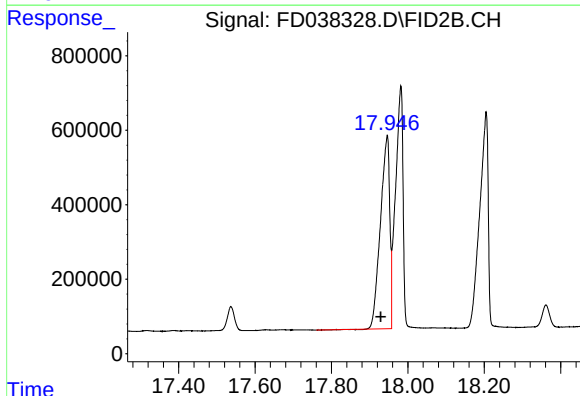
Manual Integrations
APPROVED

mohammad
7/23/2021 4:30:52 PM



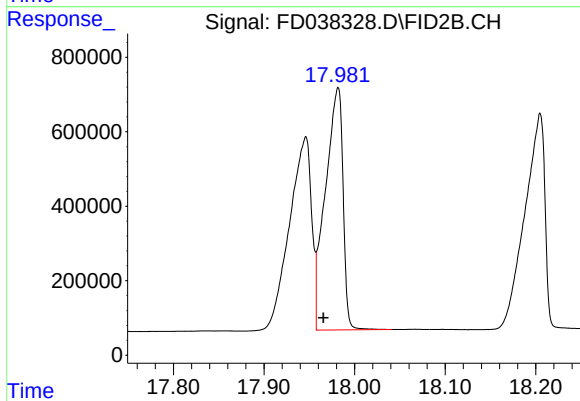
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.575 min
Delta R.T.: 0.011 min
Response: 9347900
Conc: 79.69 ug/ml



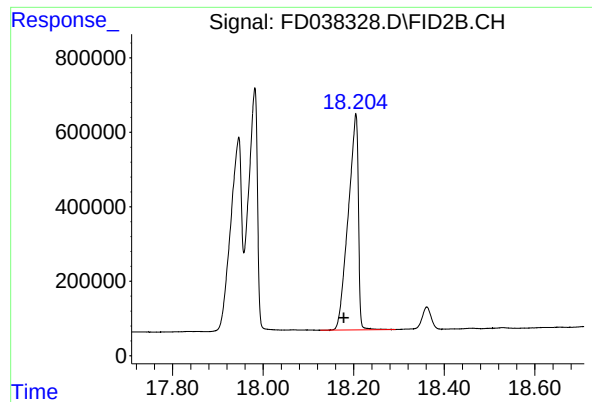
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.946 min
Delta R.T.: 0.017 min
Response: 8762146
Conc: 84.66 ug/ml



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

R.T.: 17.982 min
Delta R.T.: 0.016 min
Response: 8831521
Conc: 74.93 ug/ml



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

R.T.: 18.205 min
Delta R.T.: 0.027 min
Response: 8998979
Conc: 82.44 ug/ml

Instrument :
FID_D
ClientSampleId :
NJ-CLEAN-7MSD

Manual Integrations
APPROVED

mohammad
7/23/2021 4:30:52 PM