

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092220AR\
 Data File : FD034804.D
 Signal(s) : FID2B.CH
 Acq On : 22 Sep 2020 9:45
 Operator : DD\AJ
 Sample : AROMATIC EPH BS TEST
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 AROMATIC EPH BS TEST

Manual Integrations
 APPROVED

Ankita
 9/23/2020 11:29:34 AM

Integration File: autoint1.e
 Quant Time: Sep 23 02:57:58 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 083120.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 01 02:30:57 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...	7.682	2674475	26.075 ug/ml
Spiked Amount 50.000		Recovery =	52.15%
6) S 2-Fluorobiphenyl (SURR)	8.548	1657713	23.040 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	46.08%
11) S ortho-Terphenyl (SURR)	11.590	3794962	31.678 ug/ml
Spiked Amount 50.000		Recovery =	63.36%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.475	2282206	20.158 ug/ml
2) T Naphthalene (C11.7)	6.019	3076401	26.357 ug/ml
3) T 2-Methylnaphthalene (...)	7.073	3259813	27.600 ug/ml
5) T Acenaphthylene (C15.06)	8.350	1553781	13.295 ug/ml
7) T Acenaphthene (C15.5)	8.647	3553543	29.867 ug/ml
8) T Fluorene (C16.55)	9.429	3604016	31.258 ug/ml
9) T Phenanthrene (C19.36)	10.827	3713100	31.845 ug/ml
10) T Anthracene (C19.43)	10.902	3639607	31.949 ug/ml
12) T Fluoranthene (C21.85)	12.640	3652995	31.326 ug/ml
13) T Pyrene (C20.8)	12.938	3272075	28.832 ug/ml
14) T Benzo[a]anthracene (C...	14.809	3372990	30.563 ug/ml
15) T Chrysene (C27.41)	14.848	1129367	10.111 ug/ml
16) T benzo[b]fluoranthene ...	16.361	3534043	32.994 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.394	3137020	29.585 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.736	828239	7.865 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.101	1548314	15.284 ug/mlm
20) T Dibenz[a,h]anthracene...	18.137	394872	3.886 ug/ml
21) T Benzo[g,h,i]perylene ...	18.353	208764	2.068 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092220AR\
Data File : FD034804.D
Signal(s) : FID2B.CH
Acq On : 22 Sep 2020 9:45
Operator : DD\AJ
Sample : AROMATIC EPH BS TEST
Misc :
ALS Vial : 53 Sample Multiplier: 1

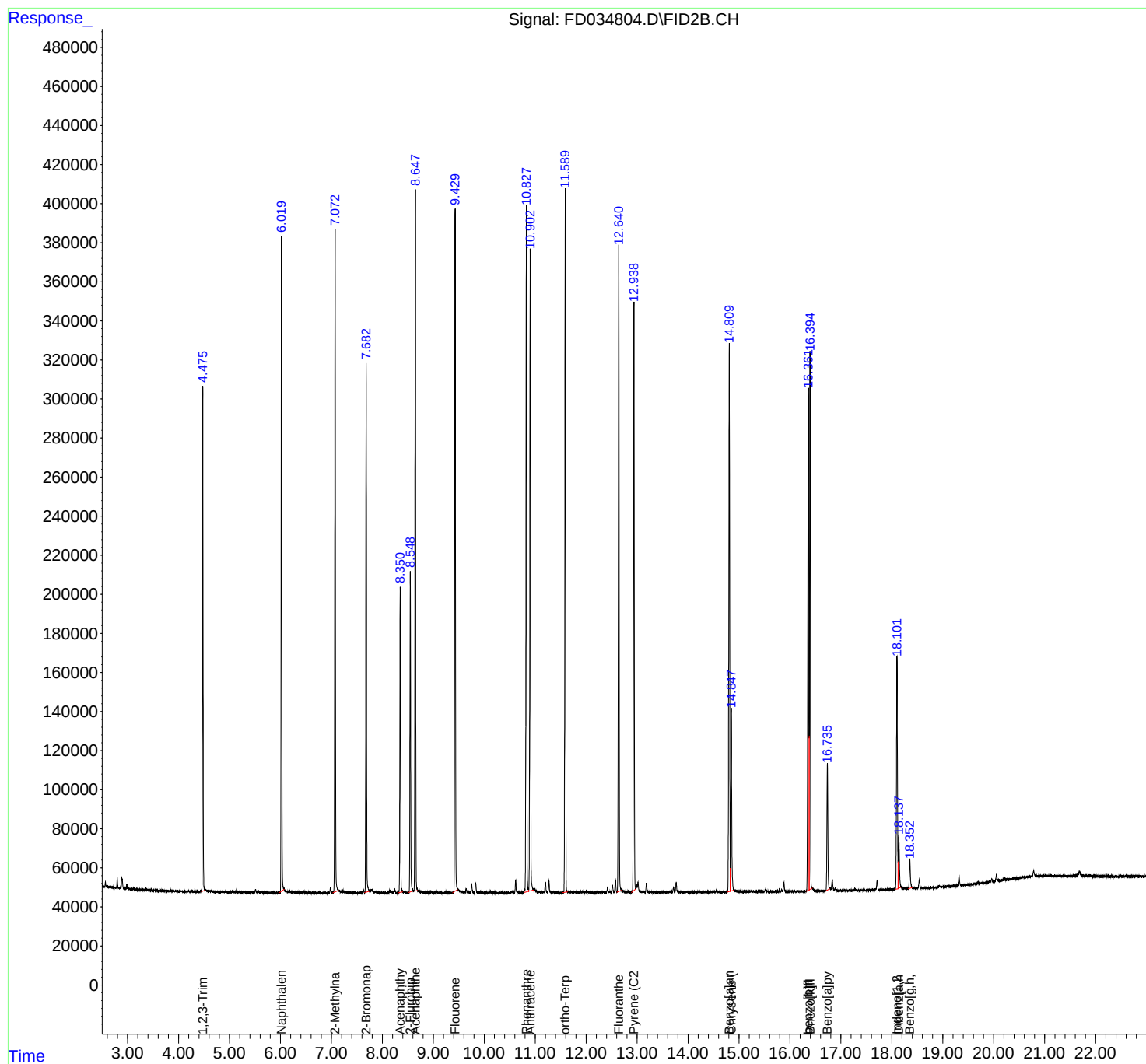
Instrument :
FID_D
ClientSampleId :
AROMATIC EPH BS TEST

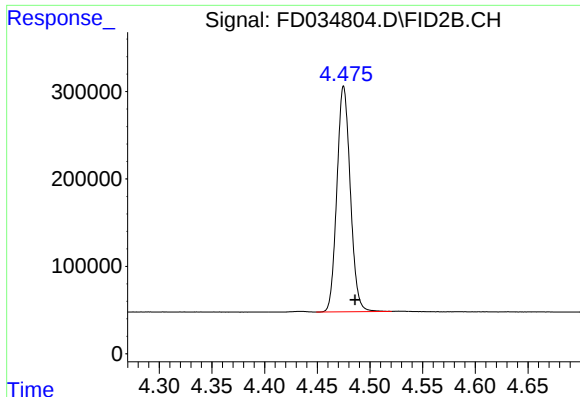
Manual Integrations
APPROVED

Ankita
9/23/2020 11:29:34 AM

Integration File: autoint1.e
Quant Time: Sep 23 02:57:58 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 083120.M
Quant Title : GC Extractables
QLast Update : Tue Sep 01 02:30:57 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





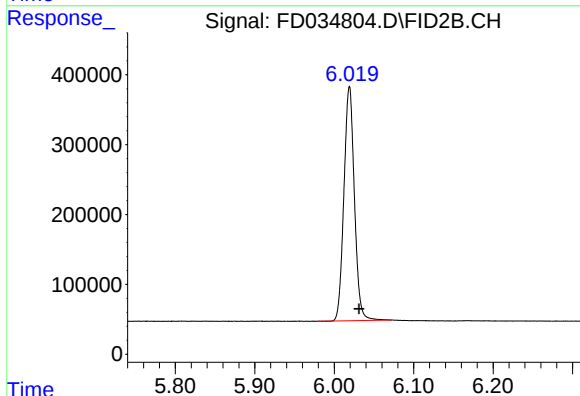
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.475 min
Delta R.T.: -0.011 min
Response: 2282206
Conc: 20.16 ug/ml

Instrument :
FID_D
ClientSampleId :
AROMATIC EPH BS TEST

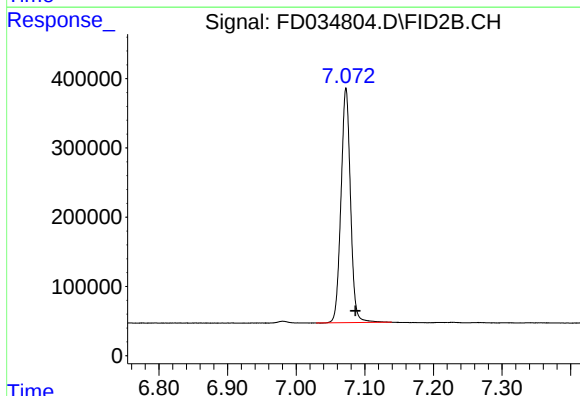
Manual Integrations
APPROVED

Ankita
9/23/2020 11:29:34 AM



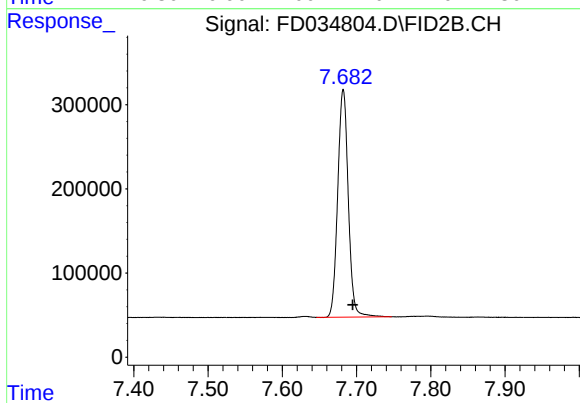
#2 Naphthalene (C11.7)

R.T.: 6.019 min
Delta R.T.: -0.012 min
Response: 3076401
Conc: 26.36 ug/ml



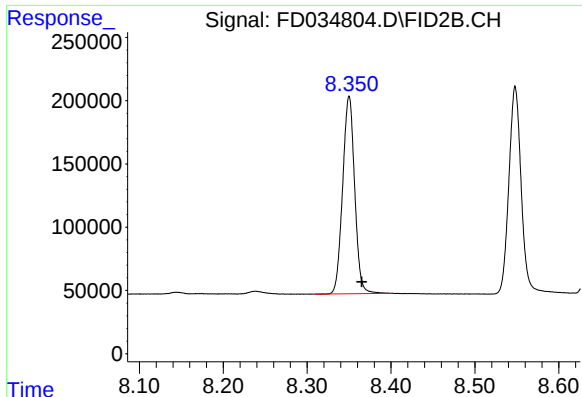
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.073 min
Delta R.T.: -0.014 min
Response: 3259813
Conc: 27.60 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.682 min
Delta R.T.: -0.013 min
Response: 2674475
Conc: 26.08 ug/ml



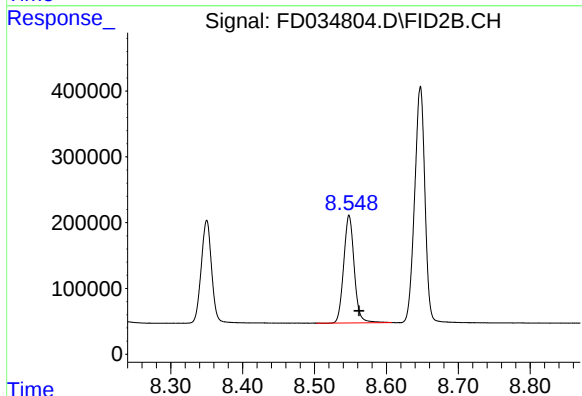
#5 Acenaphthylene (C15.06)

R.T.: 8.350 min
Delta R.T.: -0.015 min
Response: 1553781
Conc: 13.29 ug/ml

Instrument :
FID_D
ClientSampleId :
AROMATIC EPH BS TEST

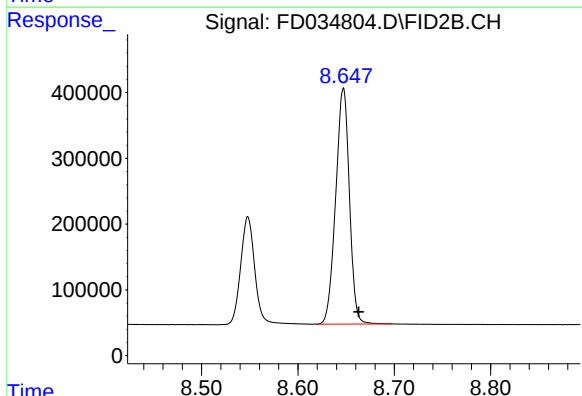
Manual Integrations
APPROVED

Ankita
9/23/2020 11:29:34 AM



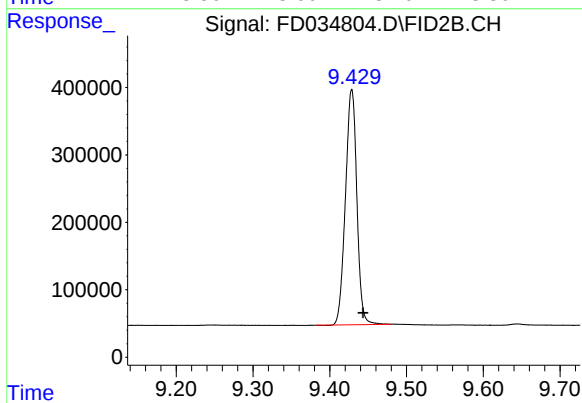
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.548 min
Delta R.T.: -0.014 min
Response: 1657713
Conc: 23.04 ug/ml



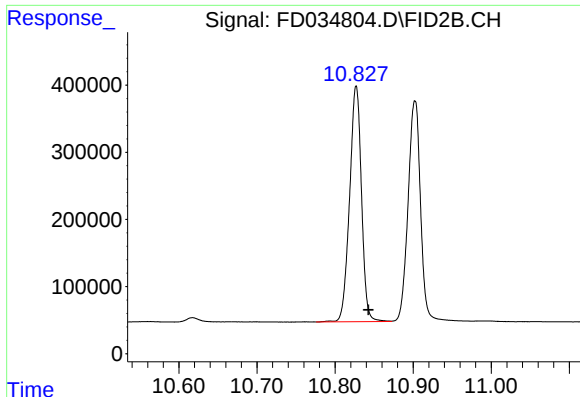
#7 Acenaphthene (C15.5)

R.T.: 8.647 min
Delta R.T.: -0.016 min
Response: 3553543
Conc: 29.87 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.429 min
Delta R.T.: -0.015 min
Response: 3604016
Conc: 31.26 ug/ml



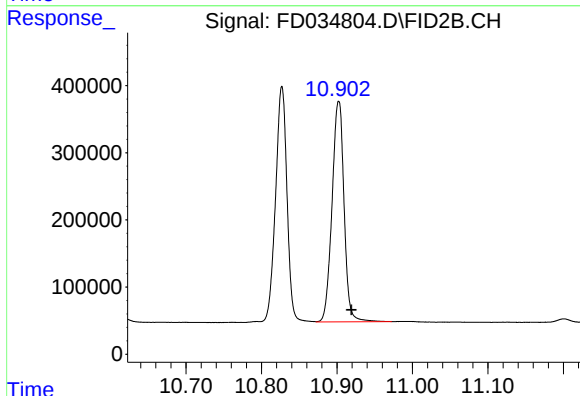
#9 Phenanthrene (C19.36)

R.T.: 10.827 min
Delta R.T.: -0.016 min
Response: 3713100
Conc: 31.85 ug/ml

Instrument :
FID_D
ClientSampleId :
AROMATIC EPH BS TEST

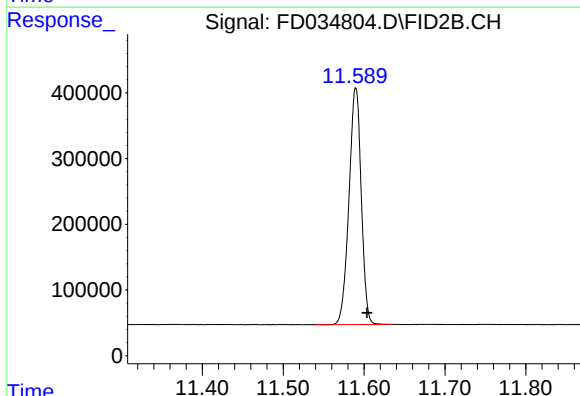
Manual Integrations
APPROVED

Ankita
9/23/2020 11:29:34 AM



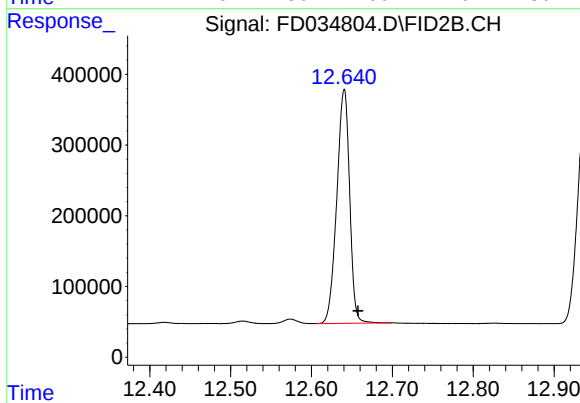
#10 Anthracene (C19.43)

R.T.: 10.902 min
Delta R.T.: -0.017 min
Response: 3639607
Conc: 31.95 ug/ml



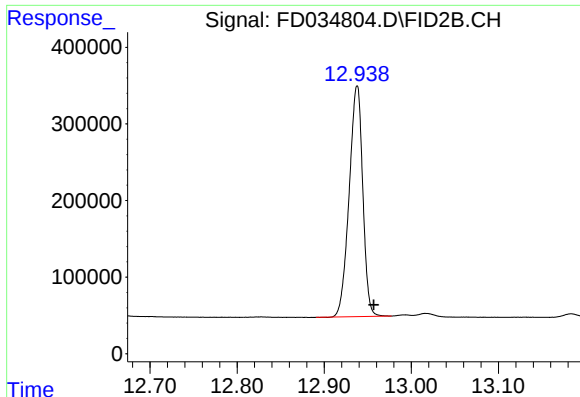
#11 ortho-Terphenyl (SURR)

R.T.: 11.590 min
Delta R.T.: -0.014 min
Response: 3794962
Conc: 31.68 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.640 min
Delta R.T.: -0.017 min
Response: 3652995
Conc: 31.33 ug/ml



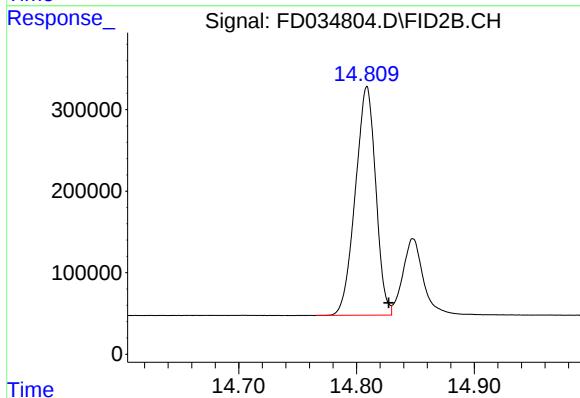
#13 Pyrene (C20.8)

R.T.: 12.938 min
Delta R.T.: -0.019 min
Response: 3272075
Conc: 28.83 ug/ml

Instrument :
FID_D
ClientSampleId :
AROMATIC EPH BS TEST

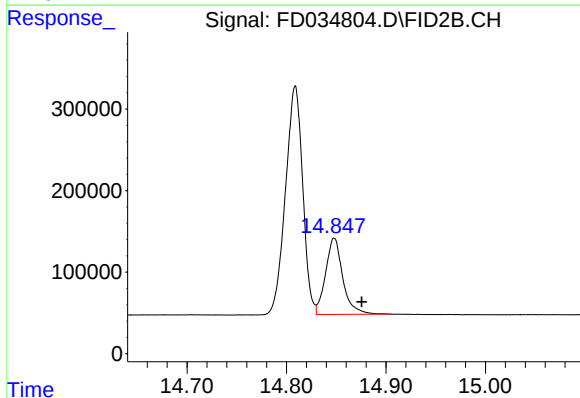
Manual Integrations
APPROVED

Ankita
9/23/2020 11:29:34 AM



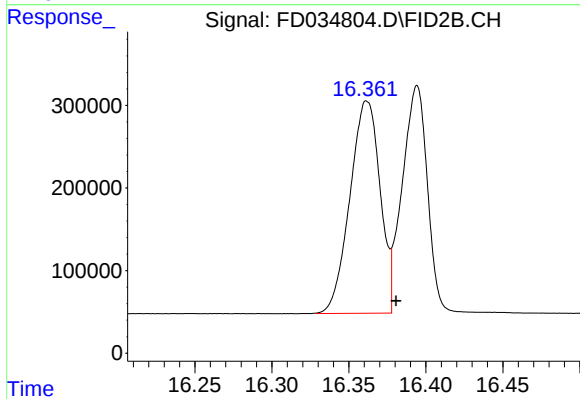
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.809 min
Delta R.T.: -0.019 min
Response: 3372990
Conc: 30.56 ug/ml



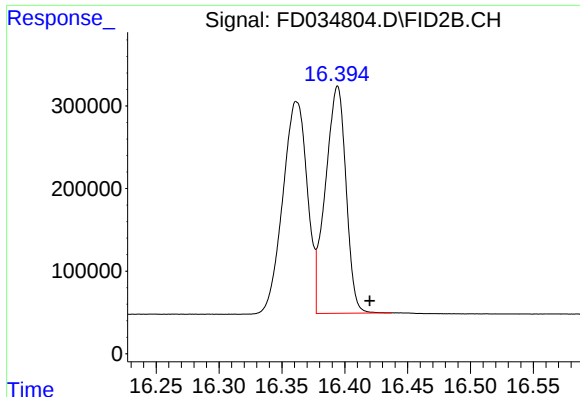
#15 Chrysene (C27.41)

R.T.: 14.848 min
Delta R.T.: -0.028 min
Response: 1129367
Conc: 10.11 ug/ml



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

R.T.: 16.361 min
Delta R.T.: -0.020 min
Response: 3534043
Conc: 32.99 ug/ml m



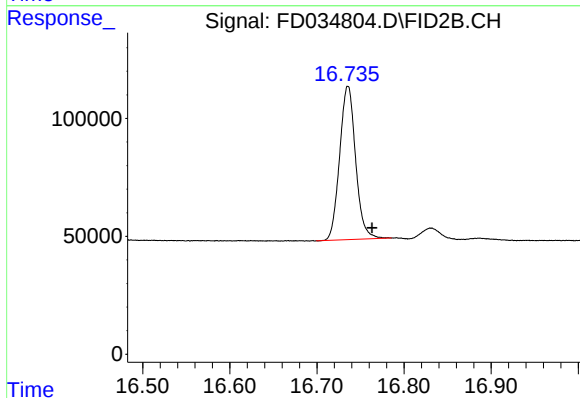
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.394 min
Delta R.T.: -0.026 min
Response: 3137020
Conc: 29.58 ug/ml

Instrument :
FID_D
ClientSampleId :
AROMATIC EPH BS TEST

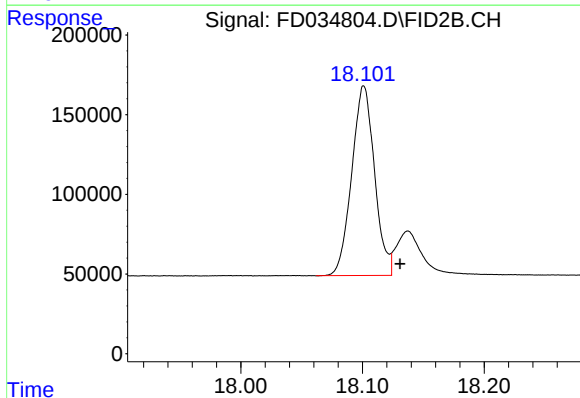
Manual Integrations
APPROVED

Ankita
9/23/2020 11:29:34 AM



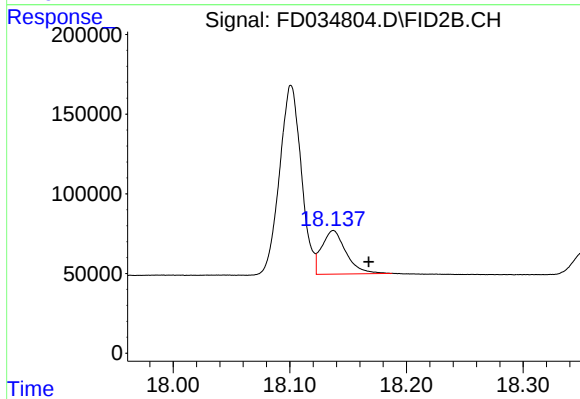
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.736 min
Delta R.T.: -0.028 min
Response: 828239
Conc: 7.86 ug/ml



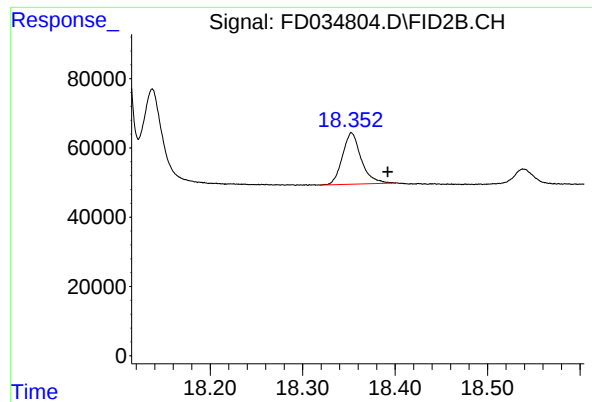
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.101 min
Delta R.T.: -0.030 min
Response: 1548314
Conc: 15.28 ug/ml m



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

R.T.: 18.137 min
Delta R.T.: -0.030 min
Response: 394872
Conc: 3.89 ug/ml



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

R.T.: 18.353 min
Delta R.T.: -0.039 min
Response: 208764
Conc: 2.07 ug/ml

Instrument :
FID_D
ClientSampleId :
AROMATIC EPH BS TEST

Manual Integrations
APPROVED

Ankita
9/23/2020 11:29:34 AM