

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111424AR\
 Data File : FD048733.D
 Signal(s) : FID2B.ch
 Acq On : 14 Nov 2024 13:03
 Operator : YP/AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 5 PPM AROMATIC HC STD5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/15/2024
 Supervised By :Ankita Jodhani 11/15/2024

Integration File: autoint1.e
 Quant Time: Nov 14 14:15:10 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 111424.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 14 14:14:59 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...	7.366	956649	5.434 ug/ml
Spiked Amount 50.000		Recovery =	10.87%
6) S 2-Fluorobiphenyl (SURR)	8.218	602930	5.235 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	10.47%
11) S ortho-Terphenyl (SURR)	11.249	1067441	5.550 ug/ml
Spiked Amount 50.000		Recovery =	11.10%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.191	1013256	5.376 ug/ml
2) T Naphthalene (C11.7)	5.708	1037837	5.307 ug/ml
3) T 2-Methylnaphthalene (...)	6.754	1004705	5.257 ug/ml
5) T Acenaphthylene (C15.06)	8.018	1046849	5.401 ug/mlm
7) T Acenaphthene (C15.5)	8.311	1053869	5.479 ug/ml
8) T Flouorene (C16.55)	9.091	1027378	5.355 ug/ml
9) T Phenanthrene (C19.36)	10.478	985284	5.375 ug/ml
10) T Anthracene (C19.43)	10.555	1036004	5.532 ug/ml
12) T Fluoranthene (C21.85)	12.283	1012953	5.532 ug/ml
13) T Pyrene (C20.8)	12.575	1008015	5.576 ug/ml
14) T Benzo[a]anthracene (C...	14.445	841277	5.114 ug/ml
15) T Chrysene (C27.41)	14.484	992963	5.674 ug/ml
16) T benzo[b]fluoranthene ...	15.991	823966	5.244 ug/ml
17) T Bnezo[k]fluoranthene ...	16.023	934929	5.729 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.373	798077	5.353 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.737	578696	4.685 ug/ml
20) T Dibenz[a,h]anthracene...	17.779	939261	5.990 ug/ml
21) T Benzo[g,h,i]perylene ...	17.984	777679	5.450 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD11424AR\
Data File : FD048733.D
Signal(s) : FID2B.ch
Acq On : 14 Nov 2024 13:03
Operator : YP/AJ
Sample : 5 PPM AROMATIC HC STD5
Misc :
ALS Vial : 65 Sample Multiplier: 1

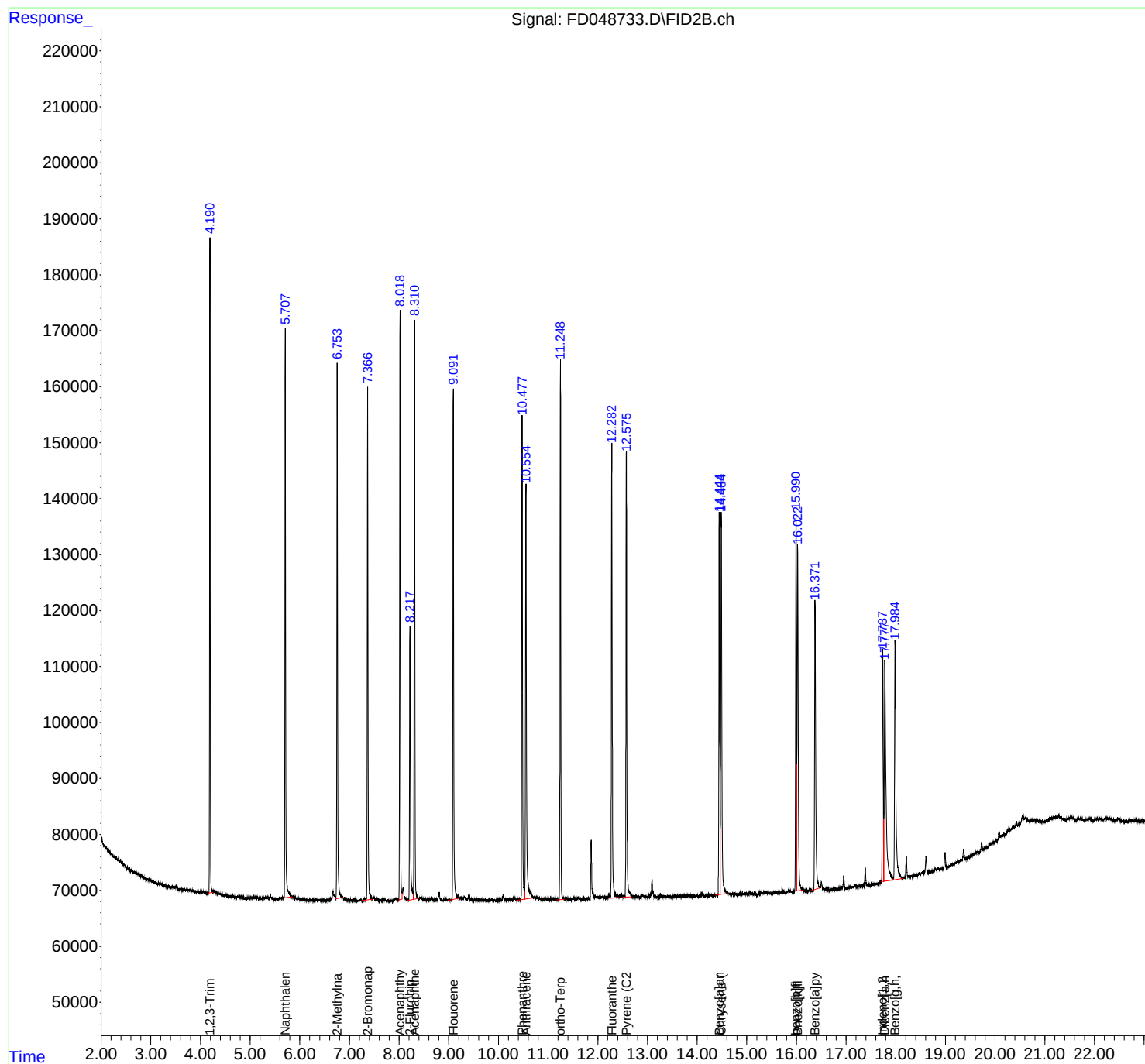
Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5

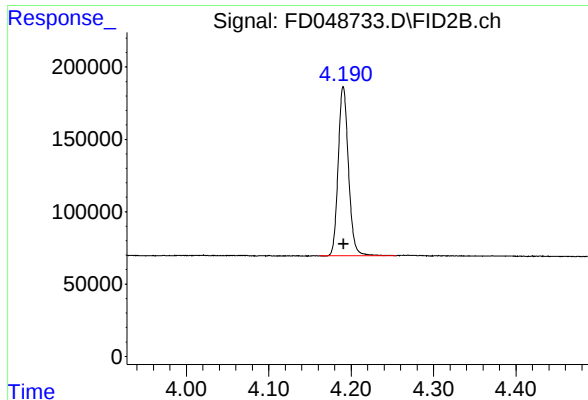
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/15/2024
Supervised By :Ankita Jodhani 11/15/2024

Integration File: autoint1.e
Quant Time: Nov 14 14:15:10 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 111424.M
Quant Title : GC Extractables
QLast Update : Thu Nov 14 14:14:59 2024
Response via : Initial Calibration
Integrator: ChemStation

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





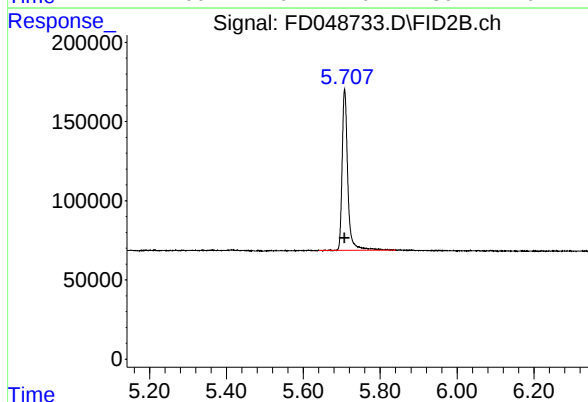
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.191 min
Delta R.T.: 0.000 min
Response: 1013256
Conc: 5.38 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5

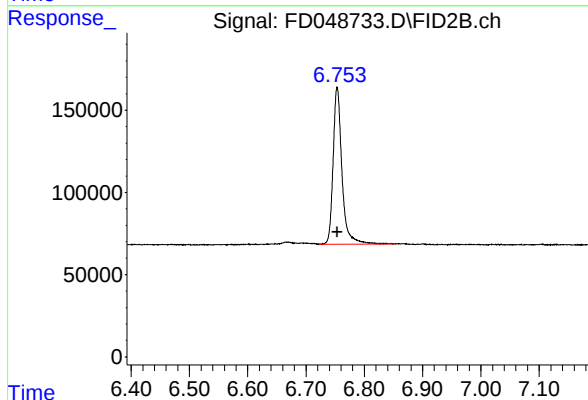
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/15/2024
Supervised By :Ankita Jodhani 11/15/2024



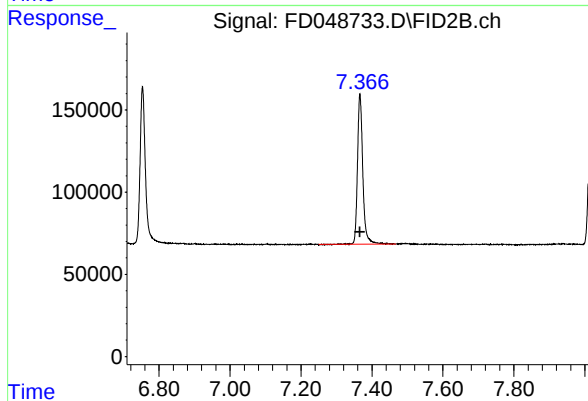
#2 Naphthalene (C11.7)

R.T.: 5.708 min
Delta R.T.: 0.000 min
Response: 1037837
Conc: 5.31 ug/ml



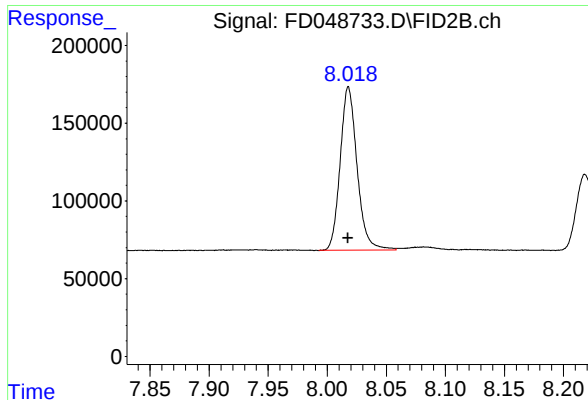
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.754 min
Delta R.T.: 0.000 min
Response: 1004705
Conc: 5.26 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.366 min
Delta R.T.: 0.000 min
Response: 956649
Conc: 5.43 ug/ml



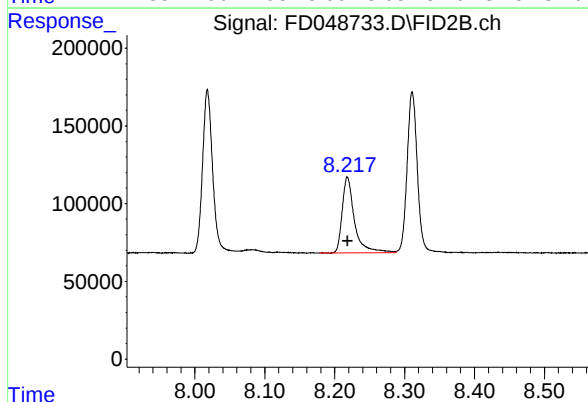
#5 Acenaphthylene (C15.06)

R.T.: 8.018 min
Delta R.T.: 0.000 min
Response: 1046849
Conc: 5.40 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5

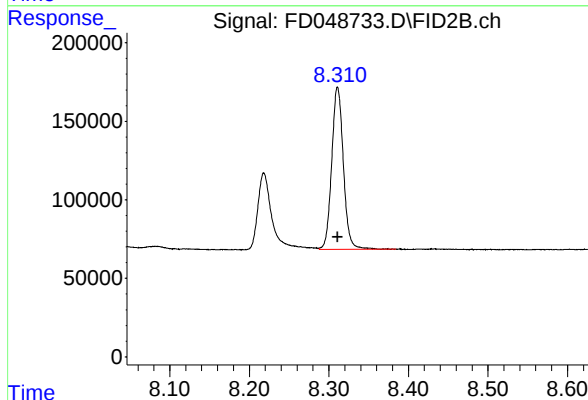
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/15/2024
Supervised By :Ankita Jodhani 11/15/2024



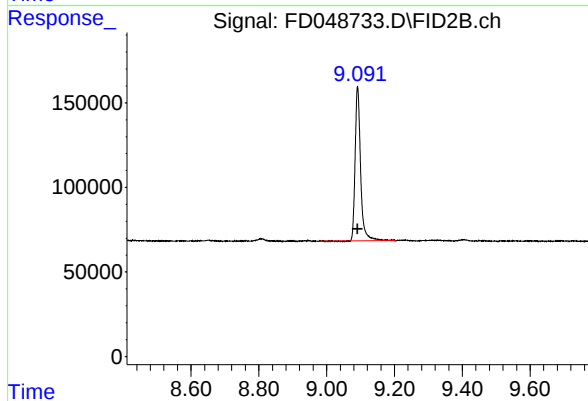
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.218 min
Delta R.T.: 0.000 min
Response: 602930
Conc: 5.24 ug/ml



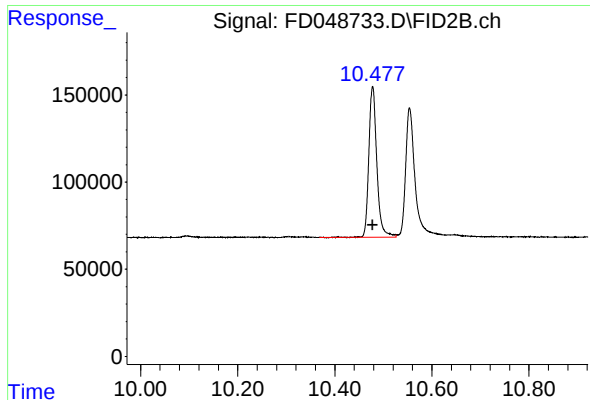
#7 Acenaphthene (C15.5)

R.T.: 8.311 min
Delta R.T.: 0.000 min
Response: 1053869
Conc: 5.48 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.091 min
Delta R.T.: 0.000 min
Response: 1027378
Conc: 5.36 ug/ml



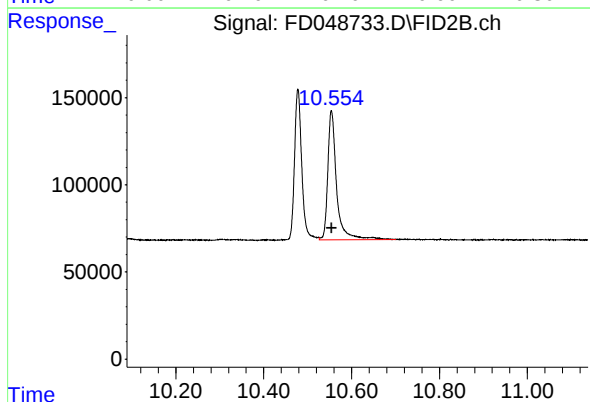
#9 Phenanthrene (C19.36)

R.T.: 10.478 min
Delta R.T.: 0.000 min
Response: 985284
Conc: 5.38 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5

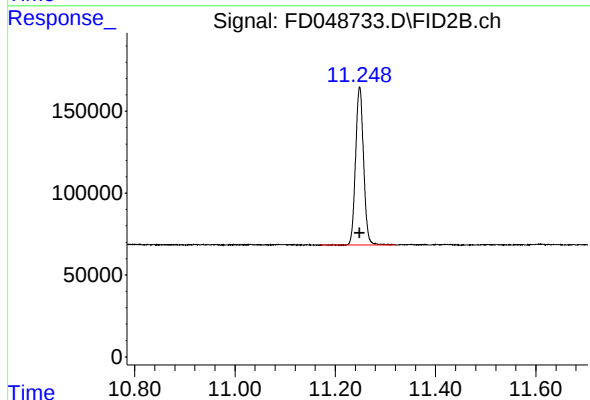
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/15/2024
Supervised By :Ankita Jodhani 11/15/2024



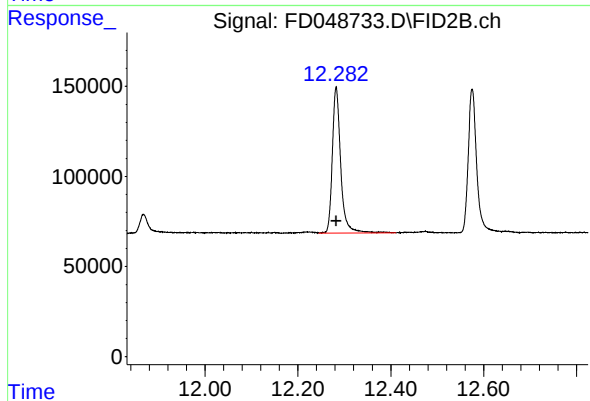
#10 Anthracene (C19.43)

R.T.: 10.555 min
Delta R.T.: 0.000 min
Response: 1036004
Conc: 5.53 ug/ml



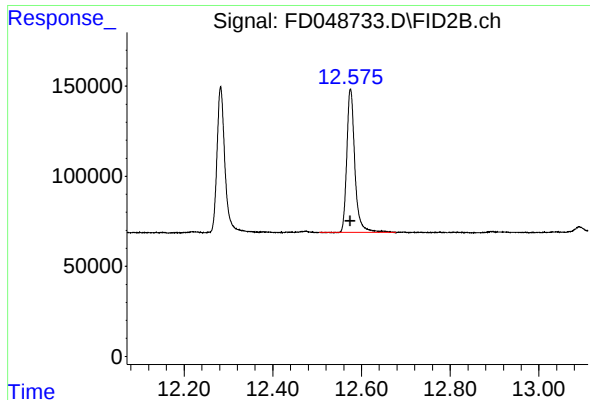
#11 ortho-Terphenyl (SURR)

R.T.: 11.249 min
Delta R.T.: 0.000 min
Response: 1067441
Conc: 5.55 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.283 min
Delta R.T.: 0.000 min
Response: 1012953
Conc: 5.53 ug/ml



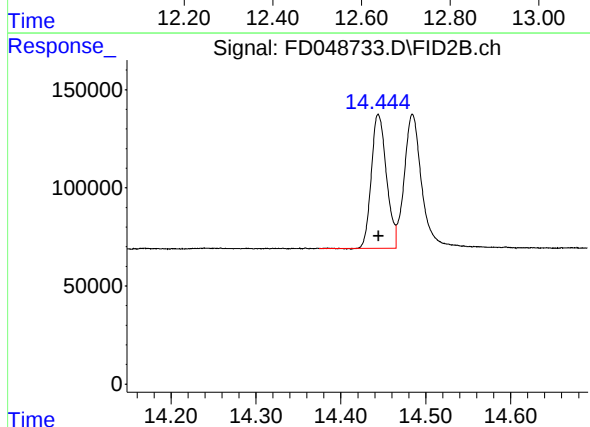
#13 Pyrene (C20.8)

R.T.: 12.575 min
Delta R.T.: 0.000 min
Response: 1008015
Conc: 5.58 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5

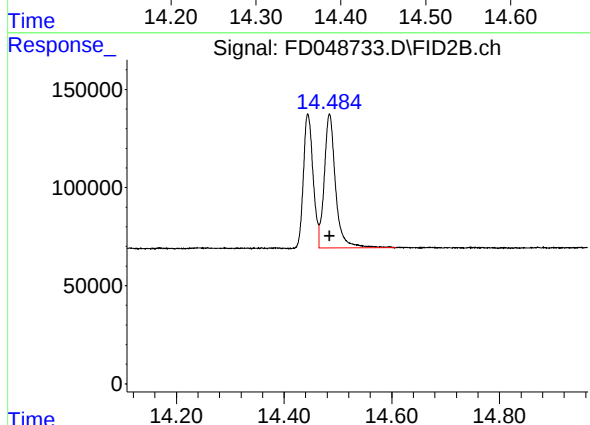
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/15/2024
Supervised By :Ankita Jodhani 11/15/2024



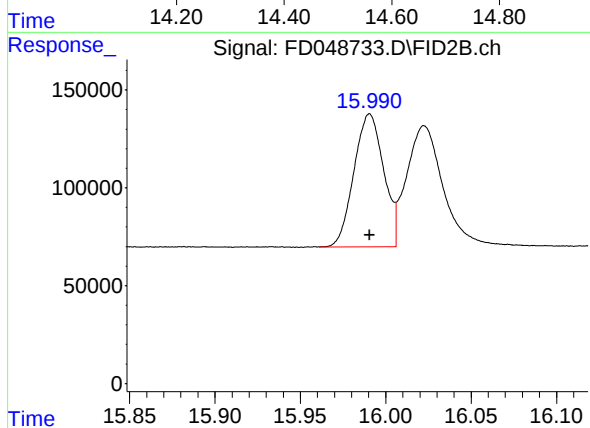
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.445 min
Delta R.T.: 0.000 min
Response: 841277
Conc: 5.11 ug/ml



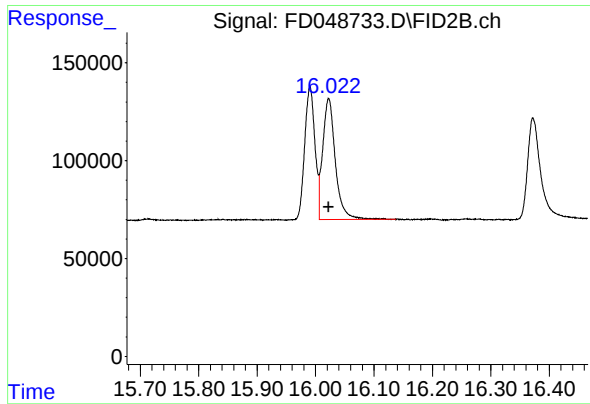
#15 Chrysene (C27.41)

R.T.: 14.484 min
Delta R.T.: 0.000 min
Response: 992963
Conc: 5.67 ug/ml



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

R.T.: 15.991 min
Delta R.T.: 0.000 min
Response: 823966
Conc: 5.24 ug/ml



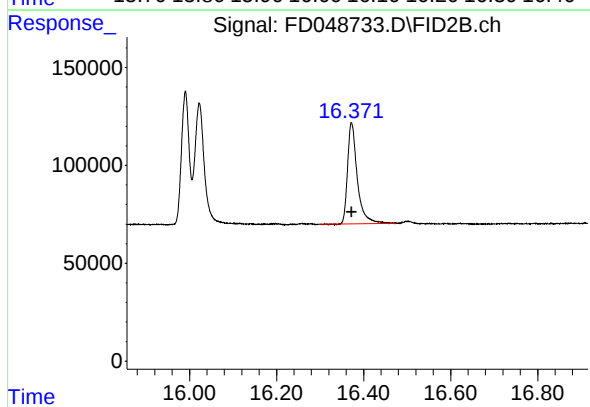
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.023 min
Delta R.T.: 0.000 min
Response: 934929
Conc: 5.73 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5

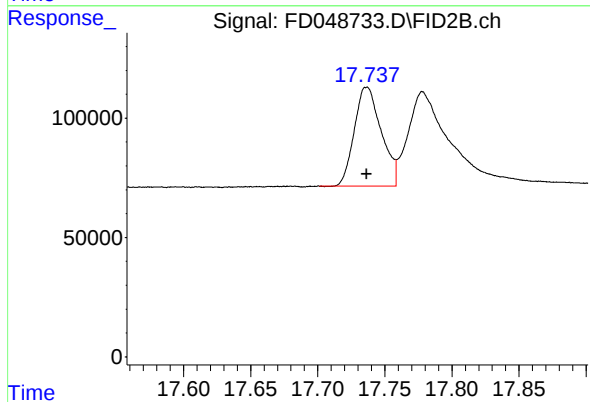
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/15/2024
Supervised By :Ankita Jodhani 11/15/2024



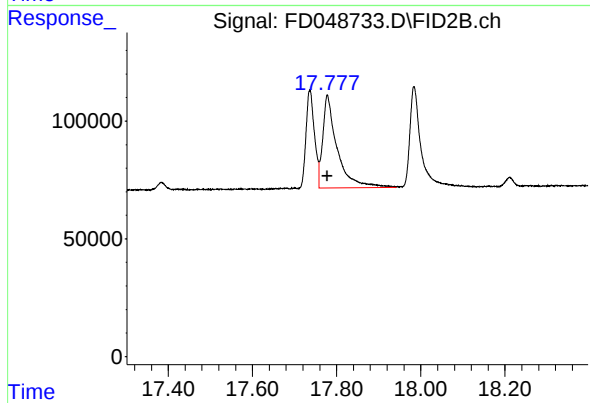
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.373 min
Delta R.T.: 0.000 min
Response: 798077
Conc: 5.35 ug/ml



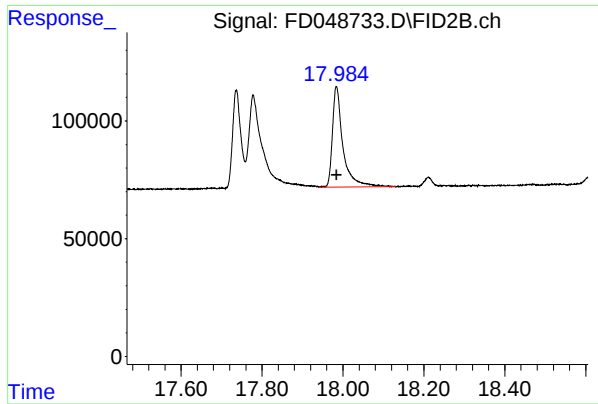
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.737 min
Delta R.T.: 0.000 min
Response: 578696
Conc: 4.68 ug/ml



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

R.T.: 17.779 min
Delta R.T.: 0.000 min
Response: 939261
Conc: 5.99 ug/ml



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

R.T.: 17.984 min
Delta R.T.: 0.000 min
Response: 777679
Conc: 5.45 ug/ml

Instrument :

FID_D

ClientSampleId :

5 PPM AROMATIC HC STD5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/15/2024
Supervised By :Ankita Jodhani 11/15/2024