

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122024AR\
 Data File : FD048915.D
 Signal(s) : FID2B.ch
 Acq On : 20 Dec 2024 22:30
 Operator : YP/AJ
 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 12/23/2024
 Supervised By :Ankita Jodhani 12/27/2024

Integration File: autoint1.e
 Quant Time: Dec 21 04:09:16 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 121024.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 10 06:07:50 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...	7.361	3083540	18.307 ug/ml
Spiked Amount 50.000		Recovery =	36.61%
6) S 2-Fluorobiphenyl (SURR)	8.212	1824634	17.662 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	35.32%
11) S ortho-Terphenyl (SURR)	11.244	3245671	18.269 ug/ml
Spiked Amount 50.000		Recovery =	36.54%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.183	3526174	18.624 ug/mlm
2) T Naphthalene (C11.7)	5.701	3667561	19.193 ug/ml
3) T 2-Methylnaphthalene (...)	6.748	3580724	19.378 ug/ml
5) T Acenaphthylene (C15.06)	8.012	3377373	18.096 ug/ml
7) T Acenaphthene (C15.5)	8.305	3514321	18.870 ug/ml
8) T Flouorene (C16.55)	9.086	3228684	18.069 ug/ml
9) T Phenanthrene (C19.36)	10.473	3012810	18.038 ug/ml
10) T Anthracene (C19.43)	10.551	2676504	15.770 ug/ml
12) T Fluoranthene (C21.85)	12.277	2895502	17.689 ug/ml
13) T Pyrene (C20.8)	12.570	2771608	17.041 ug/ml
14) T Benzo[a]anthracene (C...	14.440	2386830	18.067 ug/ml
15) T Chrysene (C27.41)	14.482	2956714	18.315 ug/ml
16) T benzo[b]fluoranthene ...	15.986	2655730	19.726 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.017	2594319	17.032 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.366	2641891	19.101 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.732	1892624	17.760 ug/ml
20) T Dibenz[a,h]anthracene...	17.773	2914301	20.095 ug/ml
21) T Benzo[g,h,i]perylene ...	17.979	2679406	19.110 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122024AR\
Data File : FD048915.D
Signal(s) : FID2B.ch
Acq On : 20 Dec 2024 22:30
Operator : YP/AJ
Sample : 20 PPM AROMATIC HC STD
Misc :
ALS Vial : 52 Sample Multiplier: 1

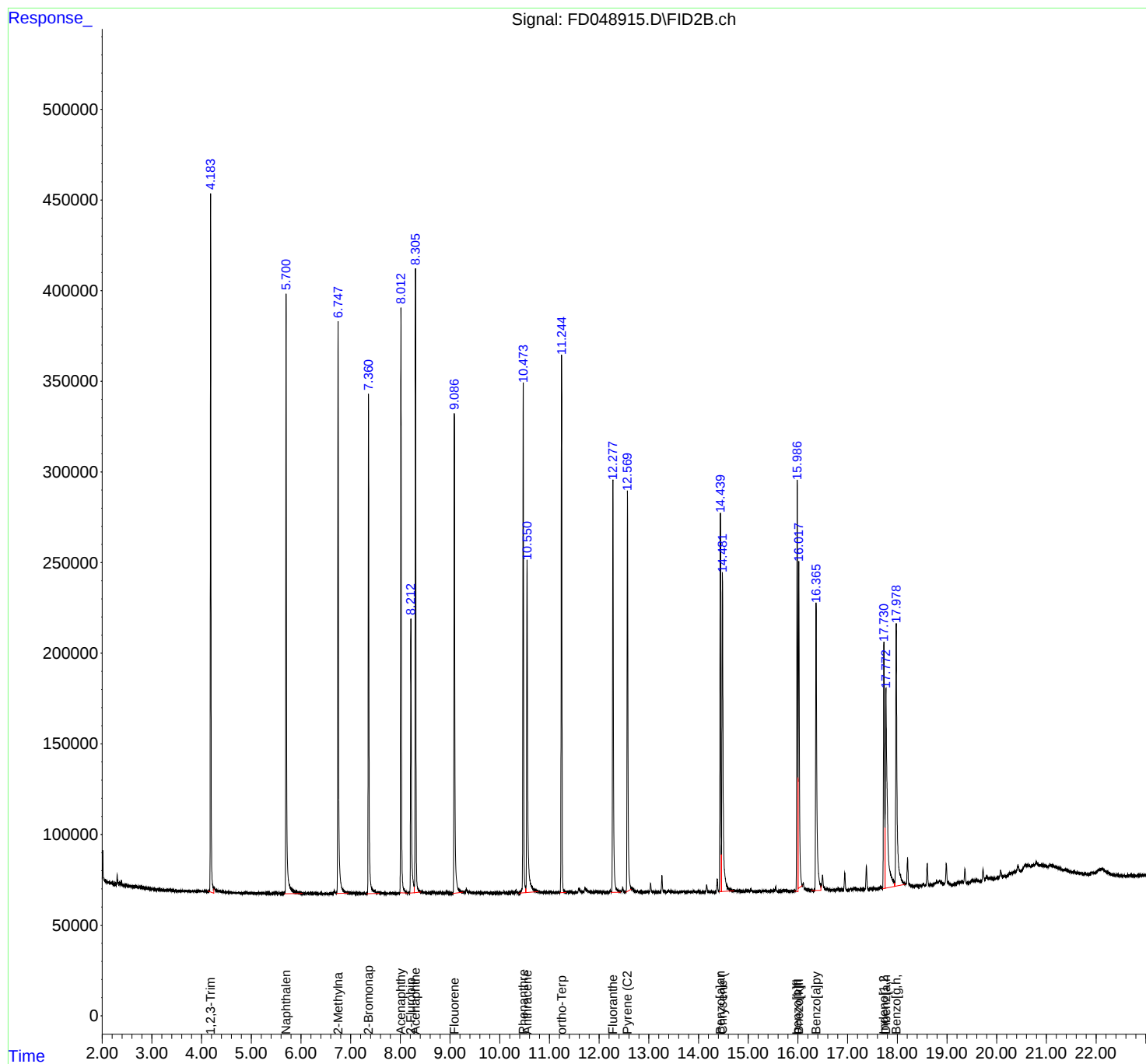
Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

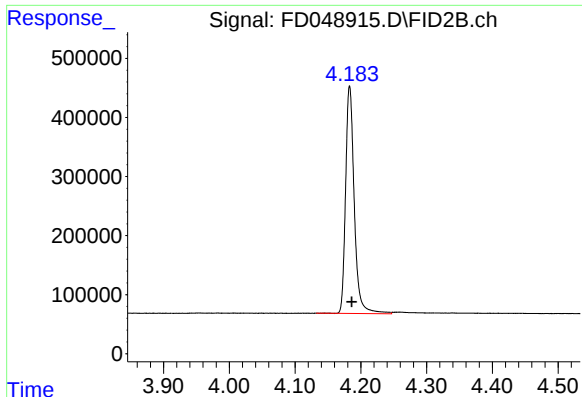
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/23/2024
Supervised By :Ankita Jodhani 12/27/2024

Integration File: autoint1.e
Quant Time: Dec 21 04:09:16 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 121024.M
Quant Title : GC Extractables
QLast Update : Tue Dec 10 06:07:50 2024
Response via : Initial Calibration
Integrator: ChemStation

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





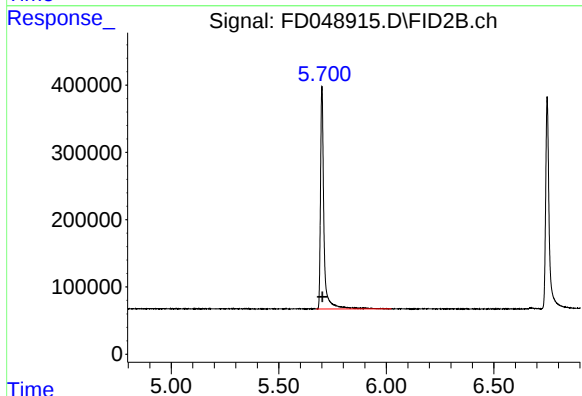
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.183 min
Delta R.T.: -0.003 min
Response: 3526174
Conc: 18.62 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

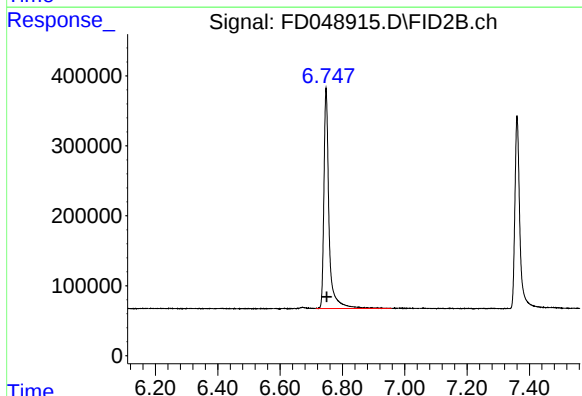
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/23/2024
Supervised By :Ankita Jodhani 12/27/2024



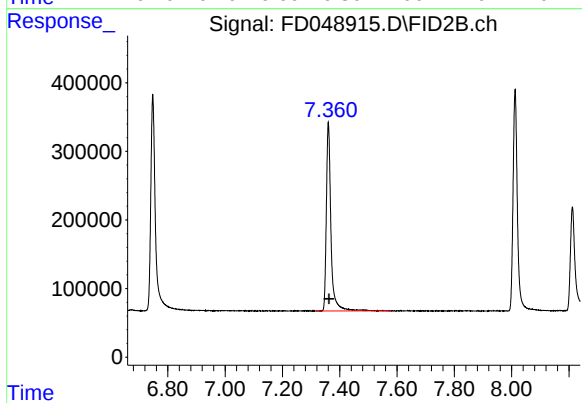
#2 Naphthalene (C11.7)

R.T.: 5.701 min
Delta R.T.: -0.003 min
Response: 3667561
Conc: 19.19 ug/ml



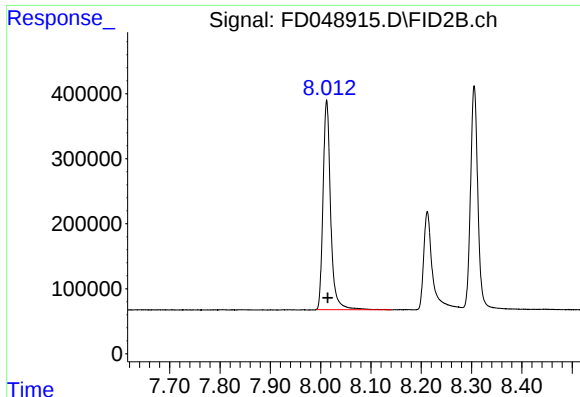
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.748 min
Delta R.T.: -0.002 min
Response: 3580724
Conc: 19.38 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.361 min
Delta R.T.: -0.002 min
Response: 3083540
Conc: 18.31 ug/ml



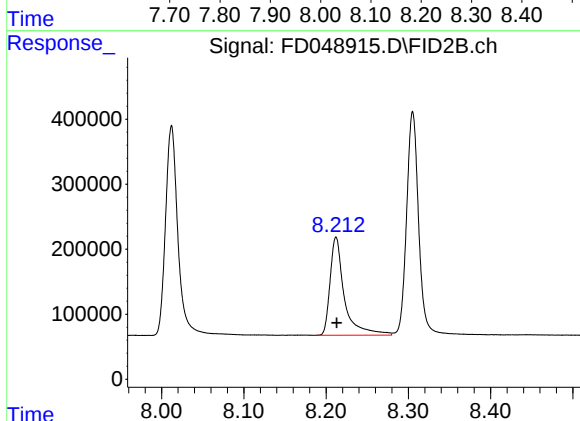
#5 Acenaphthylene (C15.06)

R.T.: 8.012 min
Delta R.T.: -0.002 min
Response: 3377373
Conc: 18.10 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

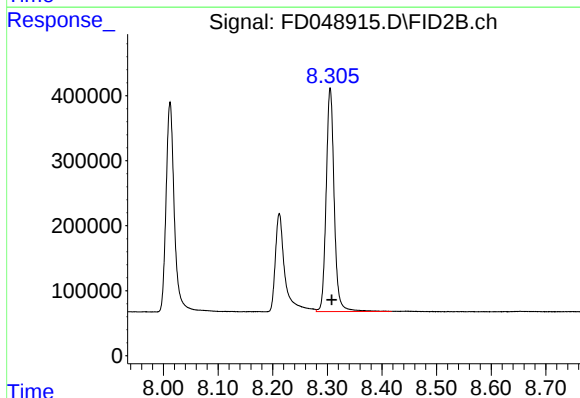
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/23/2024
Supervised By :Ankita Jodhani 12/27/2024



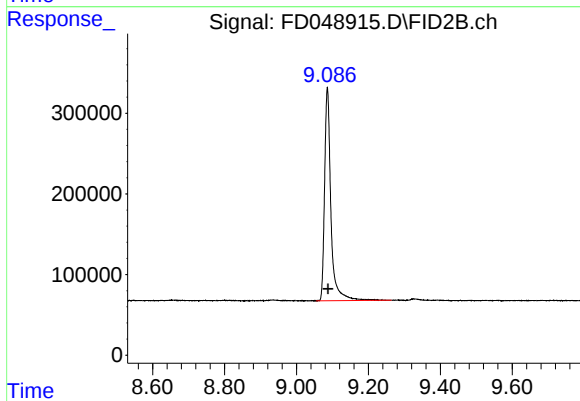
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.212 min
Delta R.T.: 0.000 min
Response: 1824634
Conc: 17.66 ug/ml



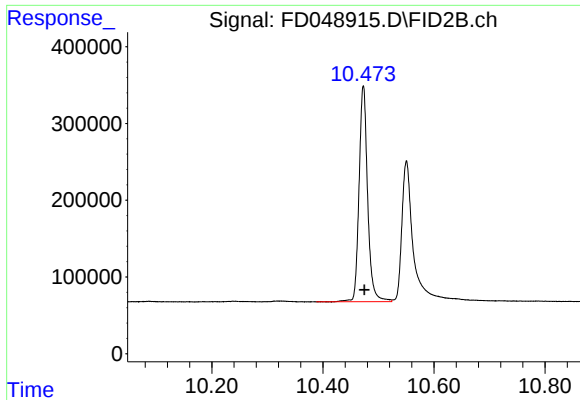
#7 Acenaphthene (C15.5)

R.T.: 8.305 min
Delta R.T.: -0.003 min
Response: 3514321
Conc: 18.87 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.086 min
Delta R.T.: -0.002 min
Response: 3228684
Conc: 18.07 ug/ml



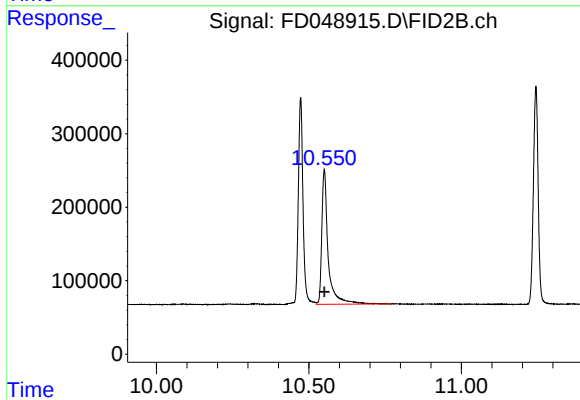
#9 Phenanthrene (C19.36)

R.T.: 10.473 min
Delta R.T.: -0.002 min
Response: 3012810
Conc: 18.04 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

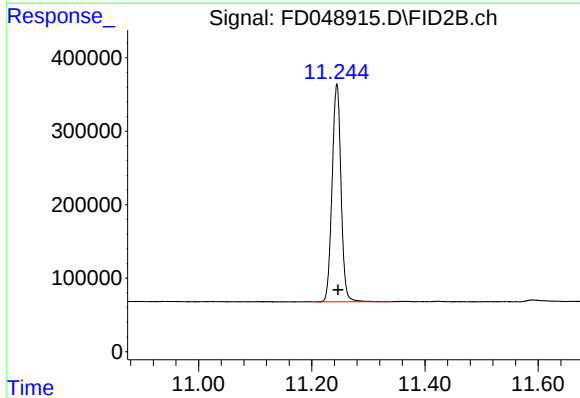
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/23/2024
Supervised By :Ankita Jodhani 12/27/2024



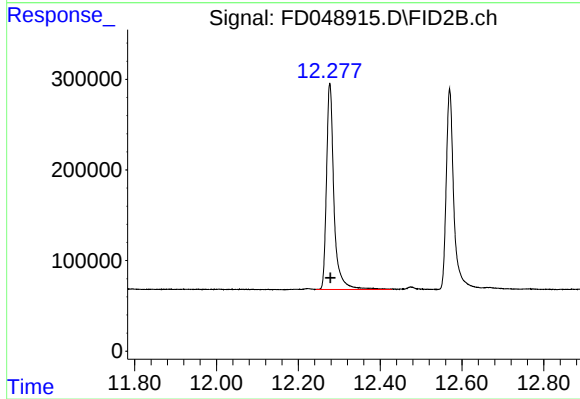
#10 Anthracene (C19.43)

R.T.: 10.551 min
Delta R.T.: 0.000 min
Response: 2676504
Conc: 15.77 ug/ml



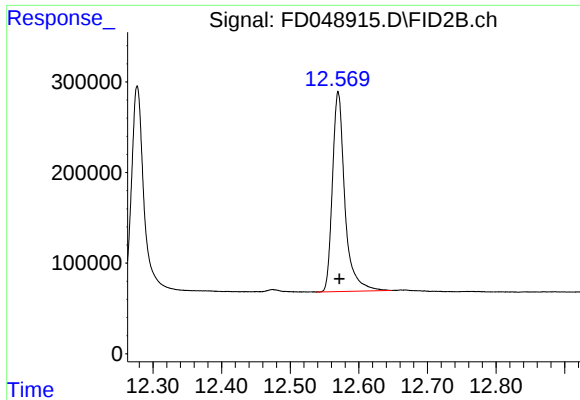
#11 ortho-Terphenyl (SURR)

R.T.: 11.244 min
Delta R.T.: -0.002 min
Response: 3245671
Conc: 18.27 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.277 min
Delta R.T.: -0.001 min
Response: 2895502
Conc: 17.69 ug/ml



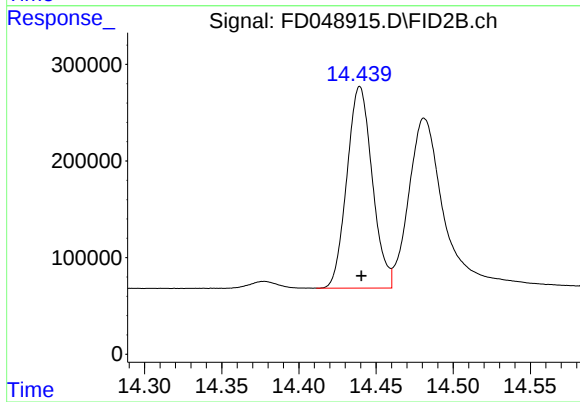
#13 Pyrene (C20.8)

R.T.: 12.570 min
Delta R.T.: -0.002 min
Response: 2771608
Conc: 17.04 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

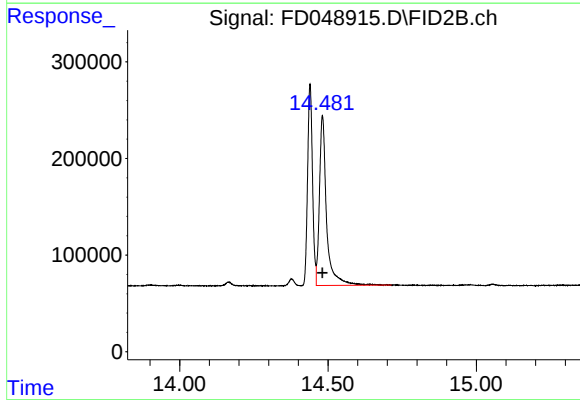
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/23/2024
Supervised By :Ankita Jodhani 12/27/2024



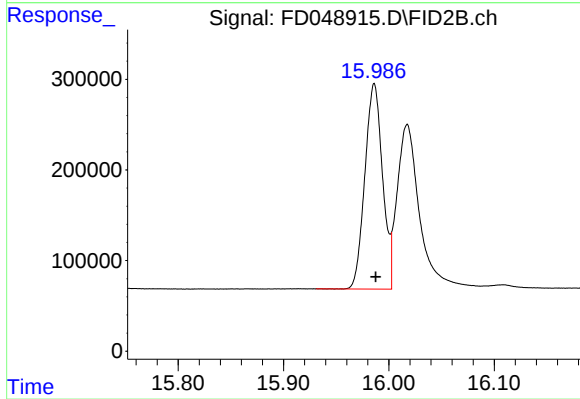
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.440 min
Delta R.T.: 0.000 min
Response: 2386830
Conc: 18.07 ug/ml



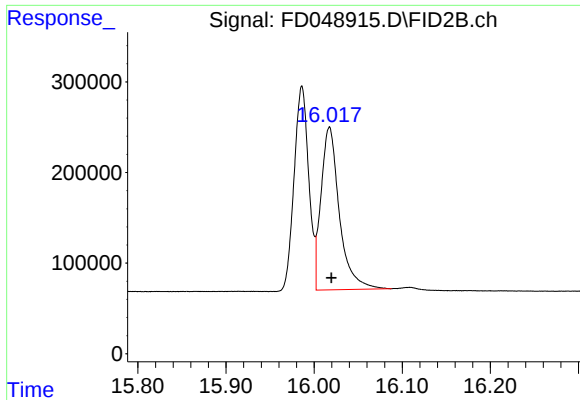
#15 Chrysene (C27.41)

R.T.: 14.482 min
Delta R.T.: 0.000 min
Response: 2956714
Conc: 18.31 ug/ml



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

R.T.: 15.986 min
Delta R.T.: -0.002 min
Response: 2655730
Conc: 19.73 ug/ml m



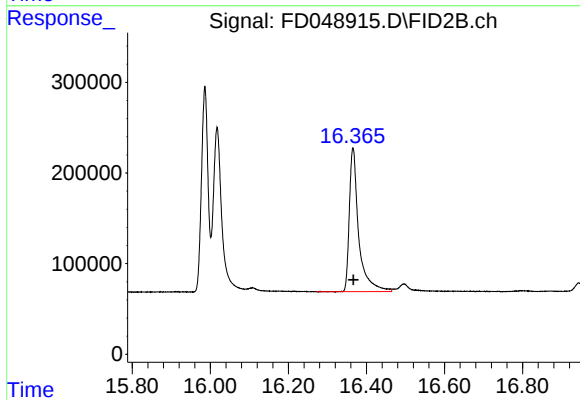
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.017 min
Delta R.T.: -0.002 min
Response: 2594319
Conc: 17.03 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

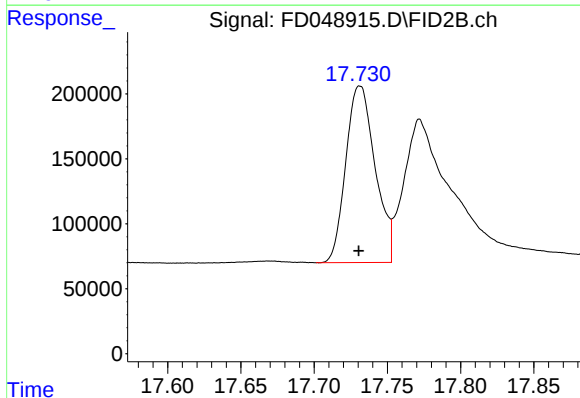
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/23/2024
Supervised By :Ankita Jodhani 12/27/2024



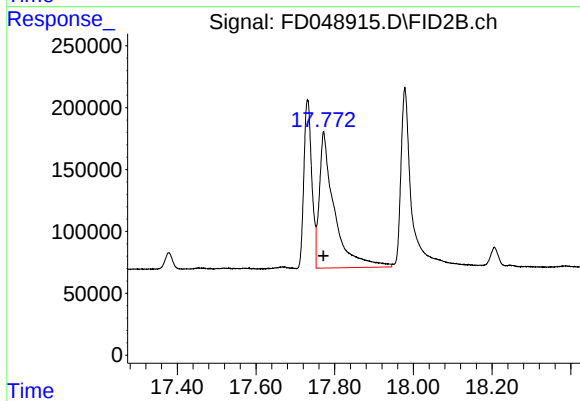
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.366 min
Delta R.T.: 0.000 min
Response: 2641891
Conc: 19.10 ug/ml



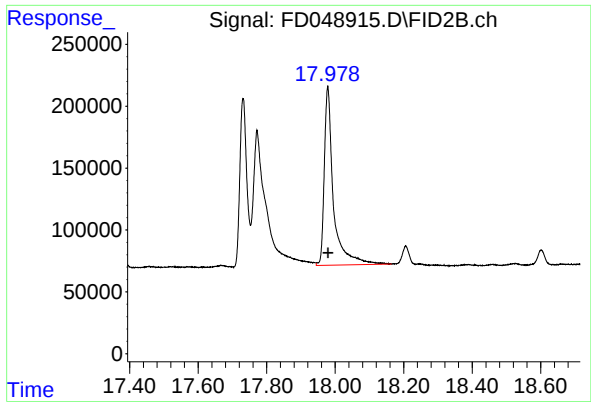
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.732 min
Delta R.T.: 0.001 min
Response: 1892624
Conc: 17.76 ug/ml



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

R.T.: 17.773 min
Delta R.T.: 0.002 min
Response: 2914301
Conc: 20.09 ug/ml



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

R.T.: 17.979 min
Delta R.T.: 0.000 min
Response: 2679406
Conc: 19.11 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/23/2024
Supervised By :Ankita Jodhani 12/27/2024