

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051523AL\
 Data File : FE041917.D
 Signal(s) : FID1B.ch
 Acq On : 15 May 2023 15:13
 Operator : YP\AJ
 Sample : PB152784BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB152784BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/16/2023
 Supervised By :Ankita Jodhani 05/16/2023

Integration File: autoint1.e
 Quant Time: May 16 01:11:48 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 07:33:51 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.976	7095249	37.820 ug/ml
Spiked Amount 50.000		Recovery =	75.64%
12) S 1-chlorooctadecane (S...	13.411	5631325	39.862 ug/ml
Spiked Amount 50.000		Recovery =	79.72%
Target Compounds			
1) T n-Nonane (C9)	3.363	7304662	49.693 ug/ml
2) T n-Decane (C10)	4.611	7624123	50.834 ug/ml
3) T A~Naphthalene (C11.7)	6.314	8719039	52.687 ug/ml
4) T n-Dodecane (C12)	6.774	8028675	52.805 ug/ml
5) T A~2-methylnaphthalene...	7.411	8361990	51.858 ug/ml
6) T n-Tetradecane (C14)	8.605	8082607	53.209 ug/ml
7) T n-Hexadecane (C16)	10.212	8327102	52.180 ug/ml
8) T n-Octadecane (C18)	11.658	8425078	51.400 ug/ml
10) T n-Eicosane (C20)	12.967	8270418	51.419 ug/ml
11) T n-Heneicosane (C21)	13.579	8047219	50.494 ug/ml
13) T n-Docosane (C22)	14.166	7925810	49.745 ug/ml
14) T n-Tetracosane (C24)	15.263	15018138	93.153 ug/ml
15) T n-Hexacosane (C26)	16.293	7468800	47.242 ug/ml
16) T n-Octacosane (C28)	17.241	7266837	47.226 ug/ml
17) T n-Tricontane (C30)	18.130	7130673	46.819 ug/ml
18) T n-Dotriacontane (C32)	18.961	6944502	46.614 ug/ml
19) T n-Tetratriacontane (C34)	19.745	6885898	48.879 ug/ml
20) T n-Hexatriacontane (C36)	20.485	6695816	50.070 ug/ml
21) T n-Octatriacontane (C38)	21.240	6742639	51.029 ug/ml
22) T n-Tetracontane (C40)	22.182	6868354	54.248 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051523AL\
Data File : FE041917.D
Signal(s) : FID1B.ch
Acq On : 15 May 2023 15:13
Operator : YP\AJ
Sample : PB152784BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

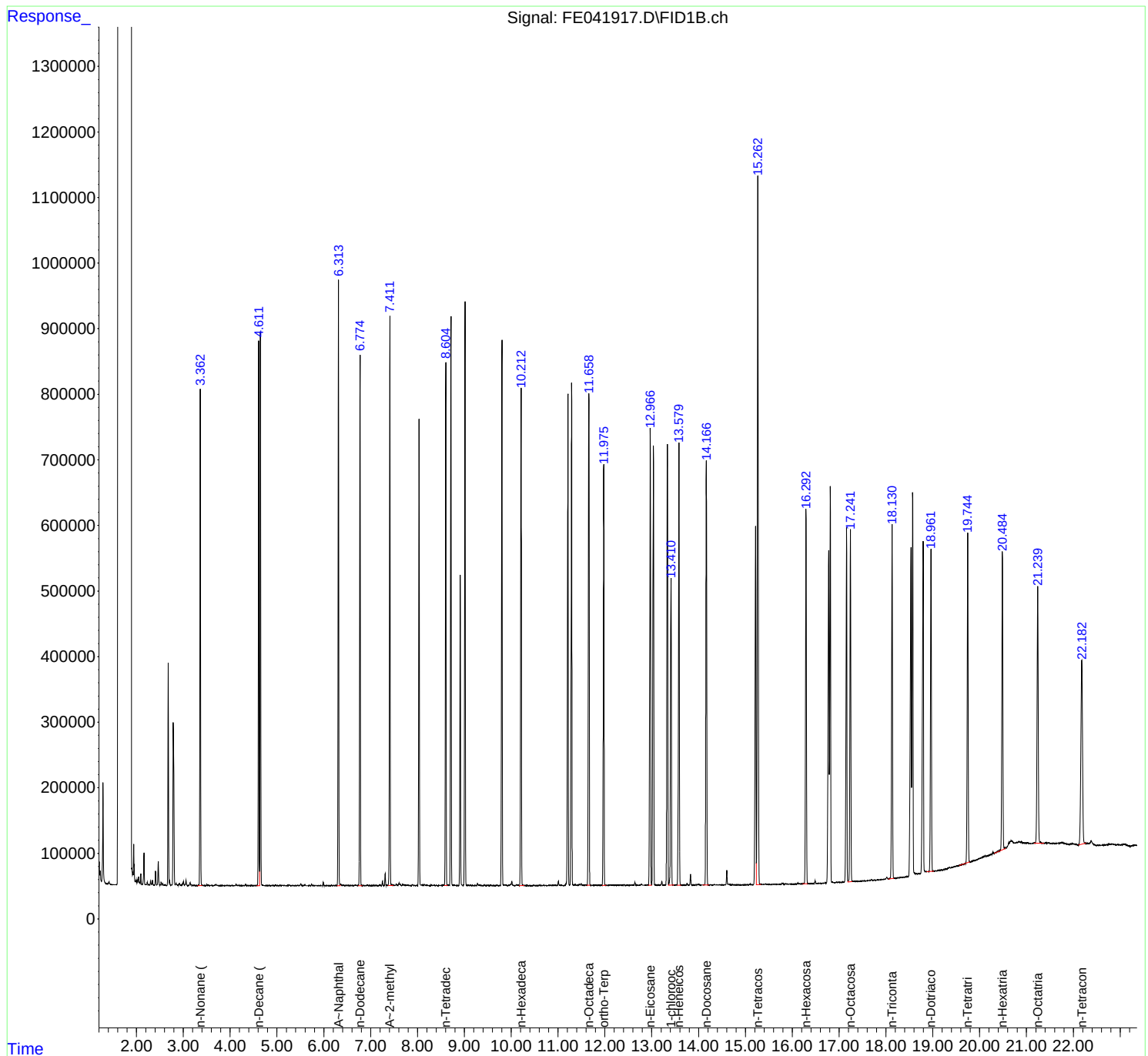
Instrument :
FID_E
ClientSampleId :
PB152784BSD

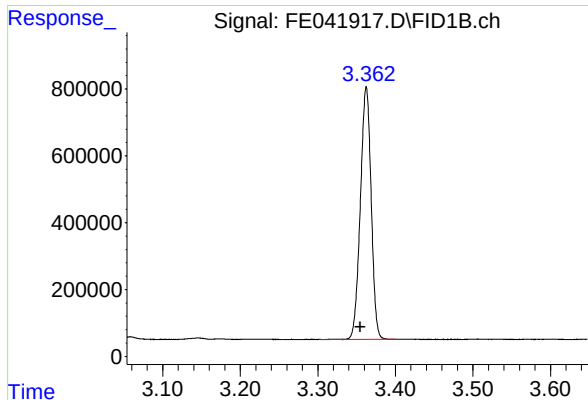
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/16/2023
Supervised By :Ankita Jodhani 05/16/2023

Integration File: autoint1.e
Quant Time: May 16 01:11:48 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.
Quant Title : GC Extractables
QLast Update : Fri Apr 21 07:33:51 2023
Response via : Initial Calibration
Integrator: ChemStation

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





#1 n-Nonane (C9)

R.T.: 3.363 min
Delta R.T.: 0.008 min
Response: 7304662
Conc: 49.69 ug/ml

Instrument :

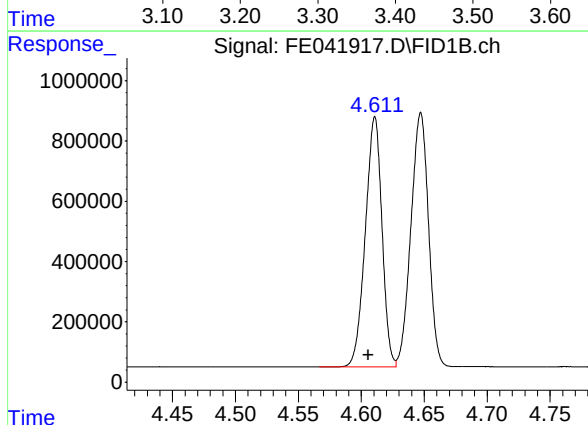
FID_E

ClientSampleId :

PB152784BSD

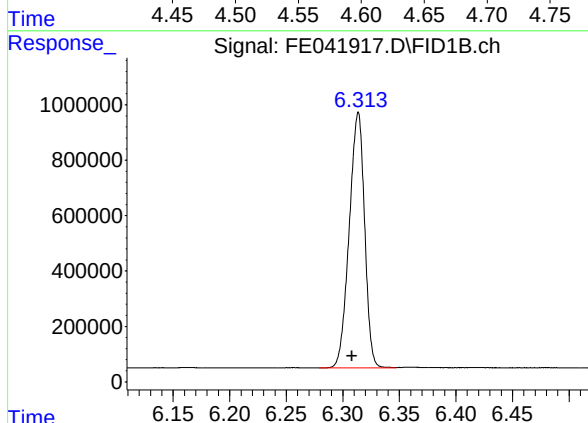
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/16/2023
Supervised By :Ankita Jodhani 05/16/2023



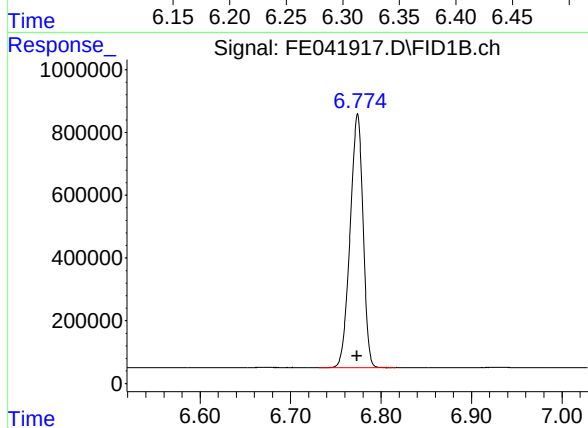
#2 n-Decane (C10)

R.T.: 4.611 min
Delta R.T.: 0.005 min
Response: 7624123
Conc: 50.83 ug/ml



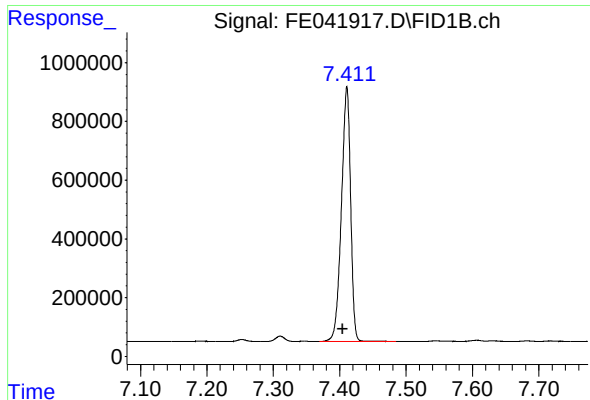
#3 A~Naphthalene (C11.7)

R.T.: 6.314 min
Delta R.T.: 0.005 min
Response: 8719039
Conc: 52.69 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.774 min
Delta R.T.: 0.000 min
Response: 8028675
Conc: 52.81 ug/ml



#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.411 min
Delta R.T.: 0.006 min
Response: 8361990
Conc: 51.86 ug/ml

Instrument :

FID_E

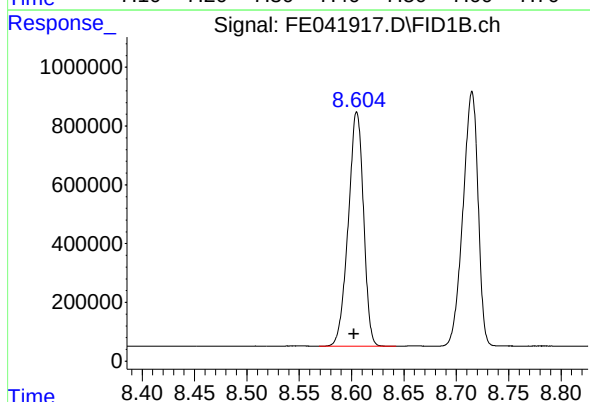
ClientSampleId :

PB152784BSD

Manual Integrations

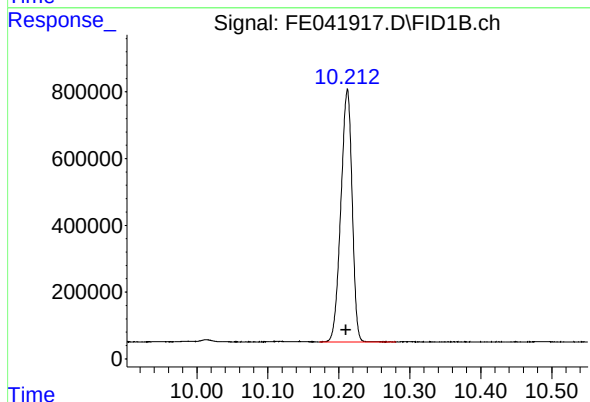
APPROVED

Reviewed By :Yogesh Patel 05/16/2023
Supervised By :Ankita Jodhani 05/16/2023



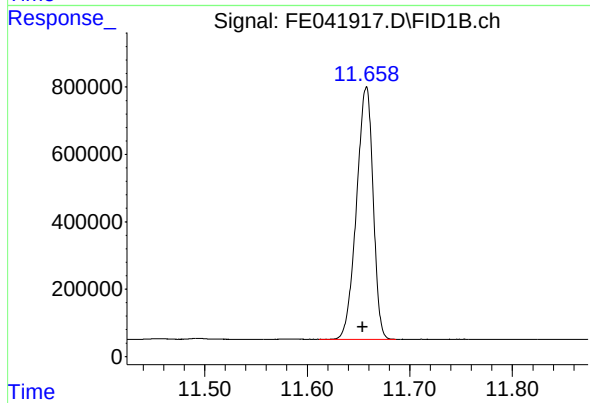
#6 n-Tetradecane (C14)

R.T.: 8.605 min
Delta R.T.: 0.003 min
Response: 8082607
Conc: 53.21 ug/ml



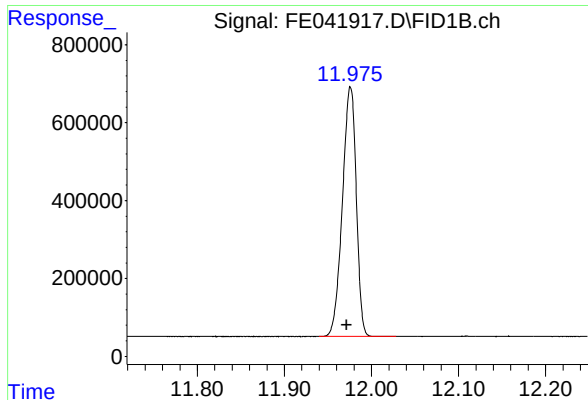
#7 n-Hexadecane (C16)

R.T.: 10.212 min
Delta R.T.: 0.002 min
Response: 8327102
Conc: 52.18 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.658 min
Delta R.T.: 0.004 min
Response: 8425078
Conc: 51.40 ug/ml



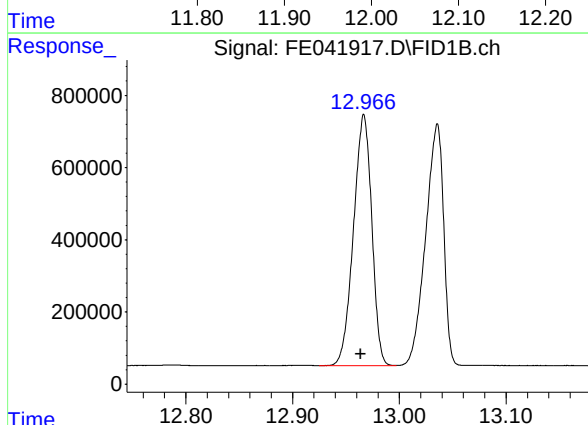
#9 ortho-Terphenyl (SURR)

R.T.: 11.976 min
Delta R.T.: 0.004 min
Response: 7095249
Conc: 37.82 ug/ml

Instrument :
FID_E
ClientSampleId :
PB152784BSD

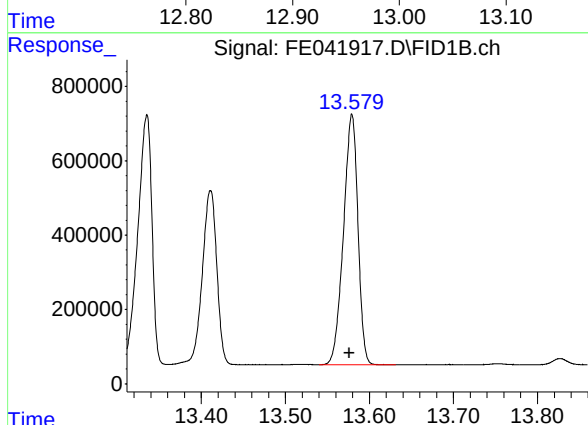
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/16/2023
Supervised By :Ankita Jodhani 05/16/2023



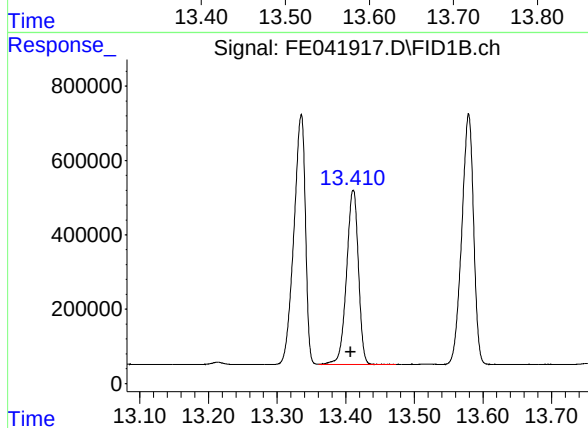
#10 n-Eicosane (C20)

R.T.: 12.967 min
Delta R.T.: 0.003 min
Response: 8270418
Conc: 51.42 ug/ml



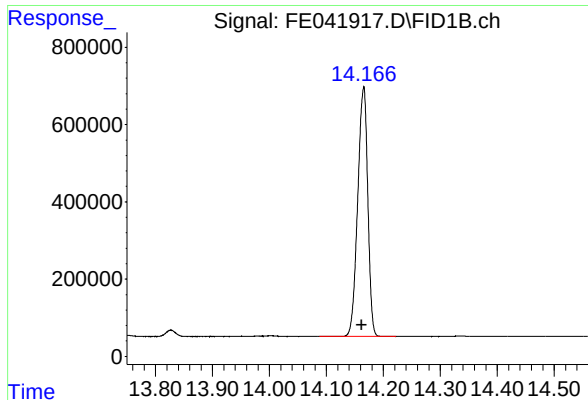
#11 n-Heneicosane (C21)

R.T.: 13.579 min
Delta R.T.: 0.003 min
Response: 8047219
Conc: 50.49 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.411 min
Delta R.T.: 0.004 min
Response: 5631325
Conc: 39.86 ug/ml



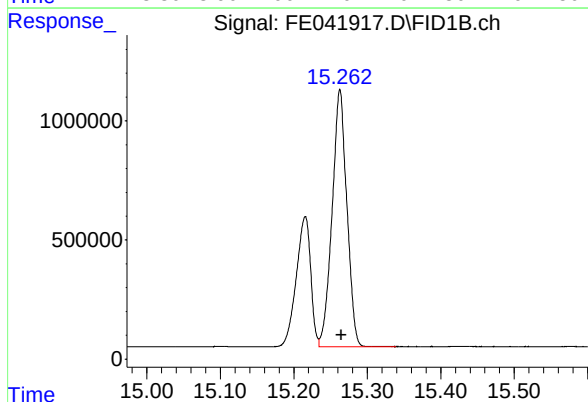
#13 n-Docosane (C22)

R.T.: 14.166 min
Delta R.T.: 0.004 min
Response: 7925810
Conc: 49.74 ug/ml

Instrument :
FID_E
ClientSampleId :
PB152784BSD

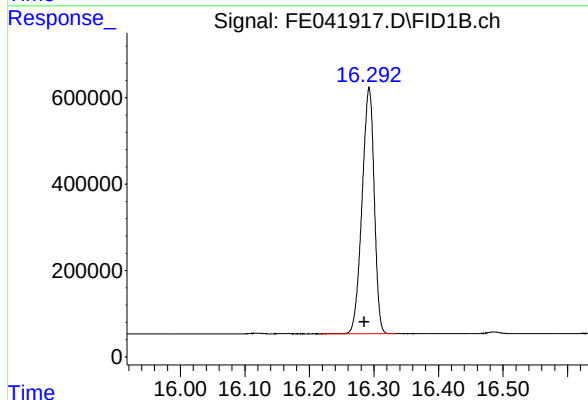
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/16/2023
Supervised By :Ankita Jodhani 05/16/2023



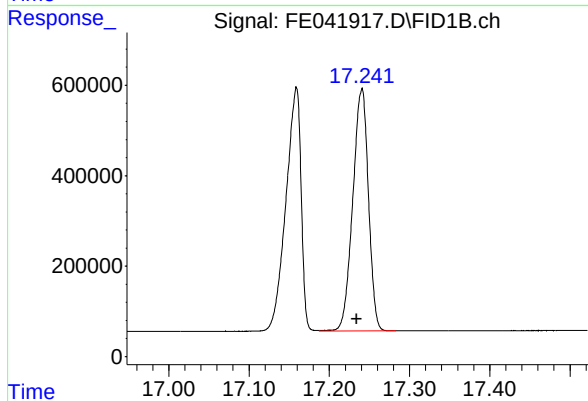
#14 n-Tetracosane (C24)

R.T.: 15.263 min
Delta R.T.: -0.002 min
Response: 15018138
Conc: 93.15 ug/ml



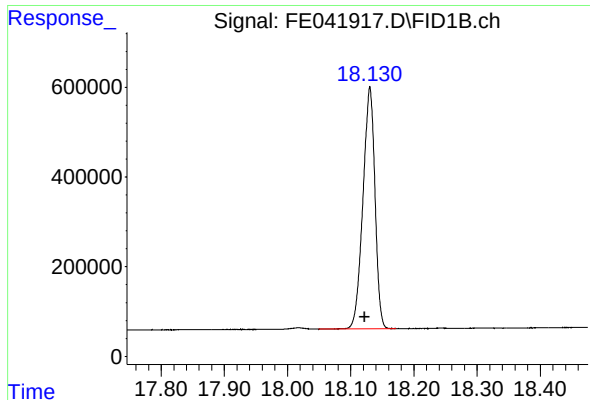
#15 n-Hexacosane (C26)

R.T.: 16.293 min
Delta R.T.: 0.008 min
Response: 7468800
Conc: 47.24 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.241 min
Delta R.T.: 0.007 min
Response: 7266837
Conc: 47.23 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.130 min
Delta R.T.: 0.009 min
Response: 7130673
Conc: 46.82 ug/ml

Instrument :

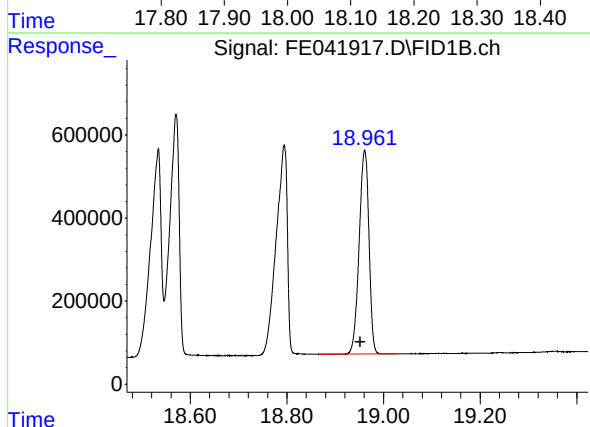
FID_E

ClientSampleId :

PB152784BSD

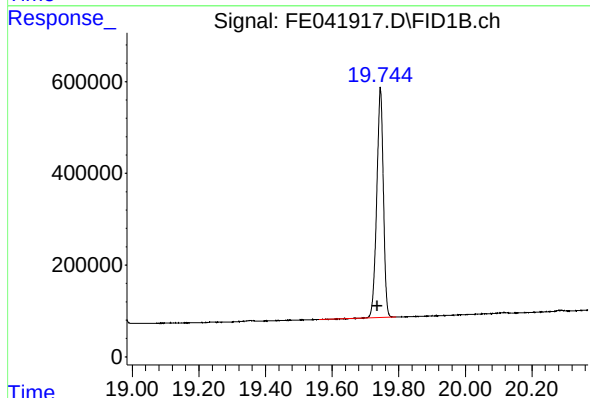
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/16/2023
Supervised By :Ankita Jodhani 05/16/2023



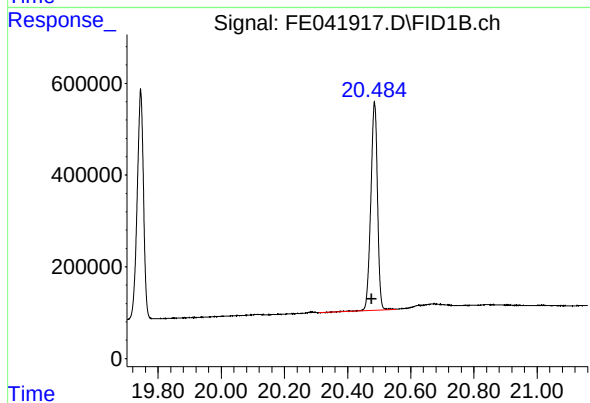
#18 n-Dotriacontane (C32)

R.T.: 18.961 min
Delta R.T.: 0.009 min
Response: 6944502
Conc: 46.61 ug/ml



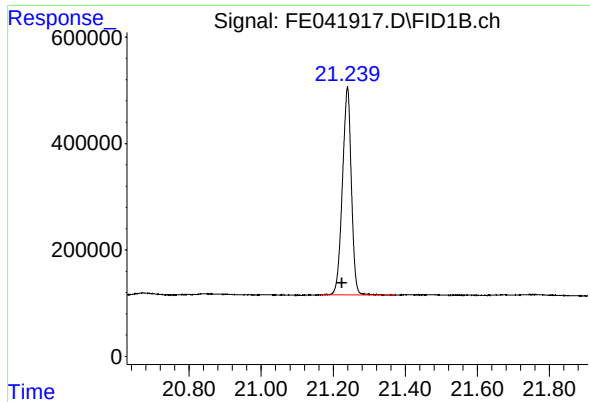
#19 n-Tetratriacontane (C34)

R.T.: 19.745 min
Delta R.T.: 0.009 min
Response: 6885898
Conc: 48.88 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.485 min
Delta R.T.: 0.009 min
Response: 6695816
Conc: 50.07 ug/ml



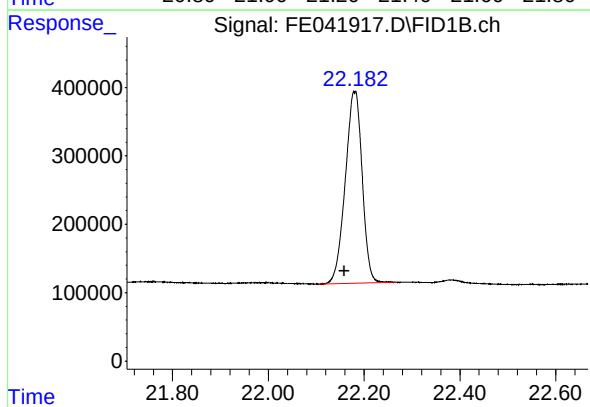
#21 n-Octatriacontane (C38)

R.T.: 21.240 min
Delta R.T.: 0.015 min
Response: 6742639
Conc: 51.03 ug/ml

Instrument :
FID_E
ClientSampleId :
PB152784BSD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/16/2023
Supervised By :Ankita Jodhani 05/16/2023



#22 n-Tetracontane (C40)

R.T.: 22.182 min
Delta R.T.: 0.023 min
Response: 6868354
Conc: 54.25 ug/ml m