

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE083124AL\
 Data File : FE049867.D
 Signal(s) : FID1B.ch
 Acq On : 31 Aug 2024 02:25
 Operator : YP\AJ
 Sample : PB163095BSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB163095BSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 09/03/2024

Supervised By :Ankita Jodhani 09/03/2024

Integration File: autoint1.e

Quant Time: Aug 31 04:17:04 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 081424.M

Quant Title : GC Extractables

QLast Update : Wed Aug 14 11:05:17 2024

Response via : Initial Calibration

Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

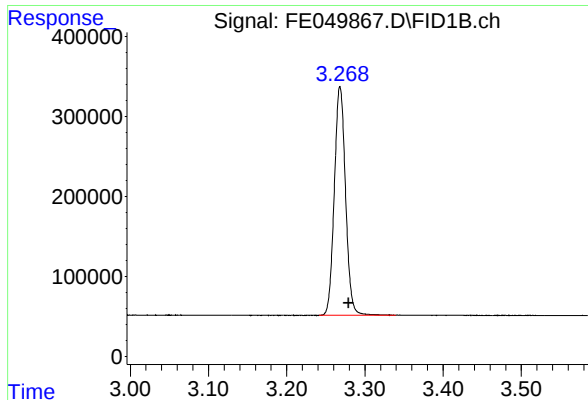
Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
12) S 1-chlorooctadecane (S...	13.313	3495153	28.647 ug/ml
Spiked Amount 50.000		Recovery =	57.29%
Target Compounds			
1) T n-Nonane (C9)	3.268	2851028	18.423 ug/ml
2) T n-Decane (C10)	4.518	3511829	22.242 ug/mlm
4) T n-Dodecane (C12)	6.686	4096248	26.056 ug/ml
6) T n-Tetradecane (C14)	8.513	4503072	29.169 ug/ml
7) T n-Hexadecane (C16)	10.118	4781204	30.613 ug/ml
8) T n-Octadecane (C18)	11.560	5138090	32.716 ug/ml
10) T n-Eicosane (C20)	12.868	5389203	36.095 ug/ml
11) T n-Heneicosane (C21)	13.480	5263392	35.879 ug/ml
13) T n-Docosane (C22)	14.065	5239022	35.945 ug/ml
14) T n-Tetracosane (C24)	15.166	5185650	35.649 ug/ml
15) T n-Hexacosane (C26)	16.185	5107411	35.388 ug/ml
16) T n-Octacosane (C28)	17.134	5171922	35.906 ug/ml
17) T n-Tricontane (C30)	18.020	5299261	35.398 ug/ml
18) T n-Dotriacontane (C32)	18.852	5370031	35.497 ug/ml
19) T n-Tetratriacontane (C34)	19.634	5601141	36.637 ug/ml
20) T n-Hexatriacontane (C36)	20.373	5593504	36.835 ug/mlm
21) T n-Octatriacontane (C38)	21.101	5747850	36.621 ug/ml
22) T n-Tetracontane (C40)	21.990	5611508	36.754 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.



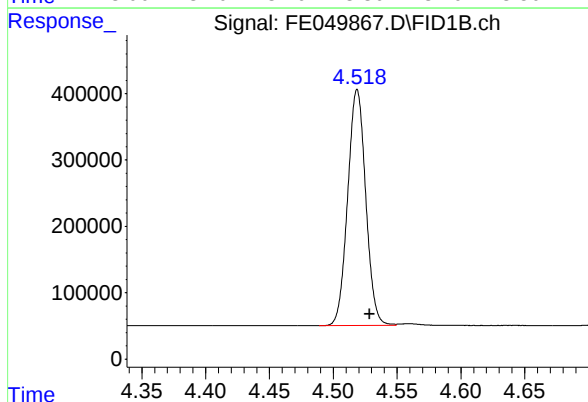
#1 n-Nonane (C9)

R.T.: 3.268 min
Delta R.T.: -0.011 min
Response: 2851028
Conc: 18.42 ug/ml

Instrument :
FID_E
ClientSampleId :
PB163095BSD

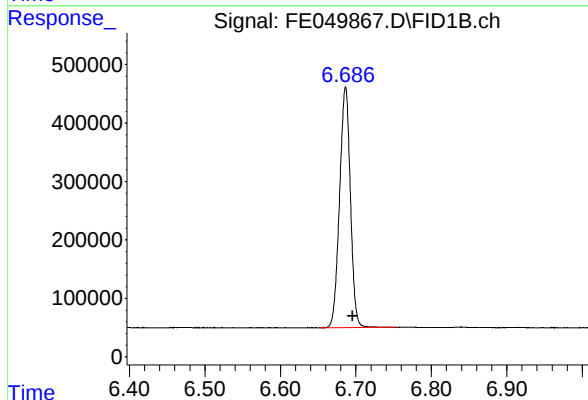
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/03/2024
Supervised By :Ankita Jodhani 09/03/2024



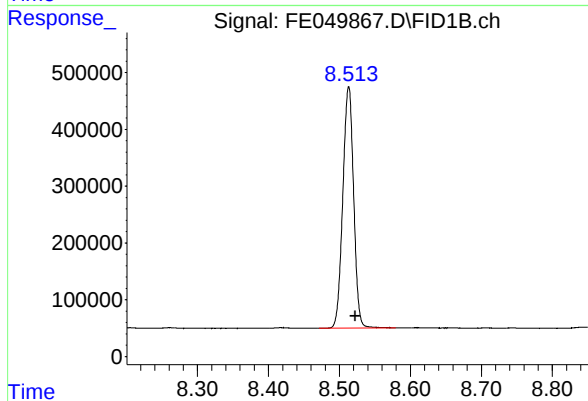
#2 n-Decane (C10)

R.T.: 4.518 min
Delta R.T.: -0.010 min
Response: 3511829
Conc: 22.24 ug/ml



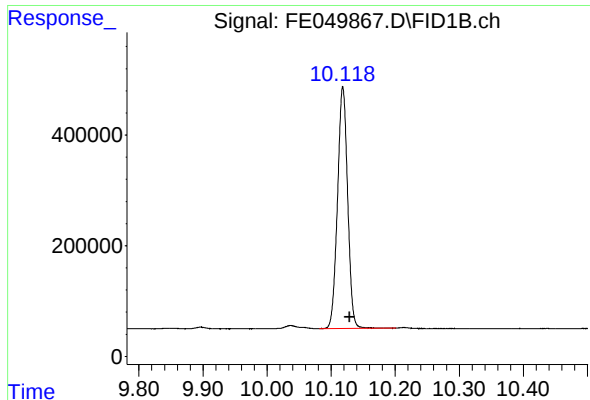
#4 n-Dodecane (C12)

R.T.: 6.686 min
Delta R.T.: -0.009 min
Response: 4096248
Conc: 26.06 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.513 min
Delta R.T.: -0.010 min
Response: 4503072
Conc: 29.17 ug/ml



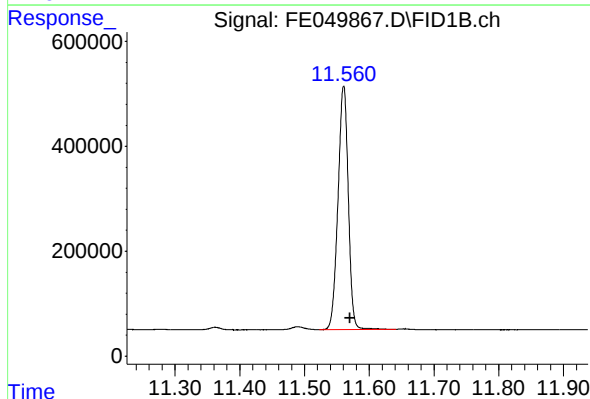
#7 n-Hexadecane (C16)

R.T.: 10.118 min
Delta R.T.: -0.011 min
Response: 4781204
Conc: 30.61 ug/ml

Instrument :
FID_E
ClientSampleId :
PB163095BSD

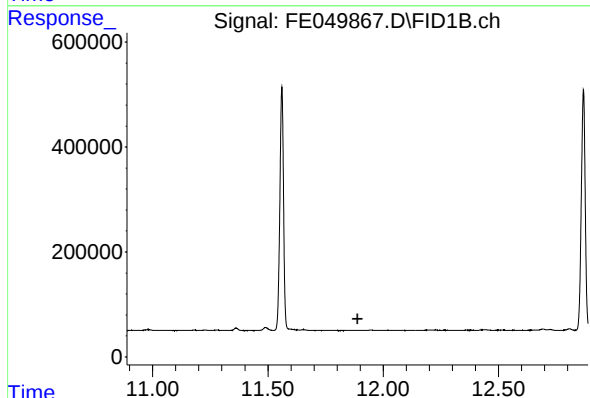
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/03/2024
Supervised By :Ankita Jodhani 09/03/2024



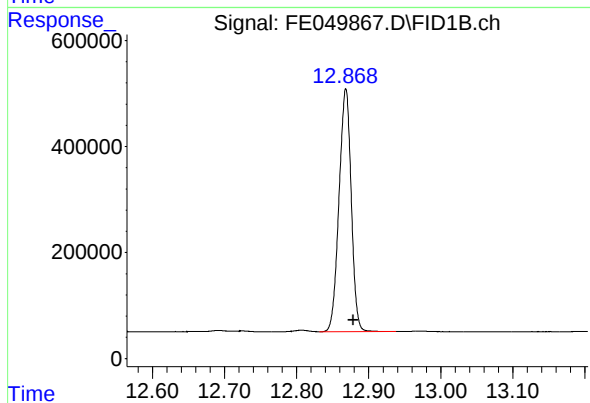
#8 n-Octadecane (C18)

R.T.: 11.560 min
Delta R.T.: -0.010 min
Response: 5138090
Conc: 32.72 ug/ml



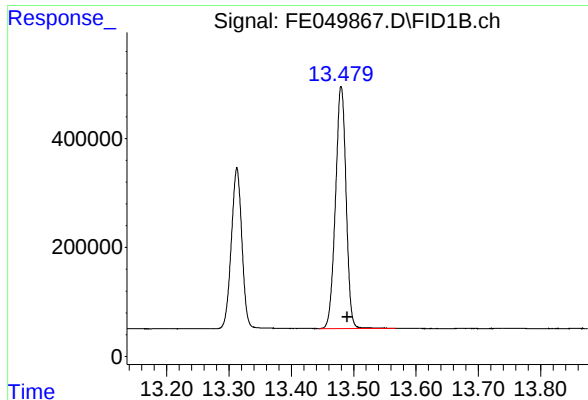
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.888 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.868 min
Delta R.T.: -0.010 min
Response: 5389203
Conc: 36.09 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.480 min
Delta R.T.: -0.010 min
Response: 5263392
Conc: 35.88 ug/ml

Instrument :

FID_E

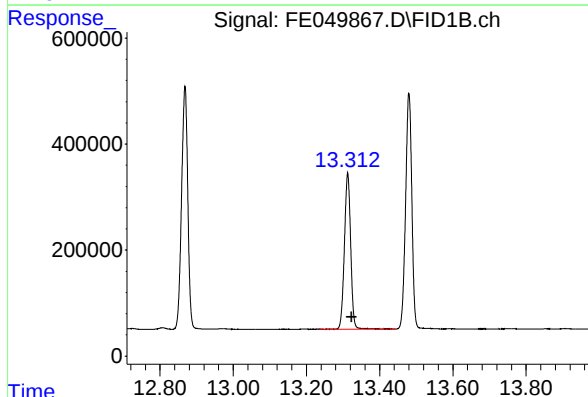
ClientSampleId :

PB163095BSD

Manual Integrations

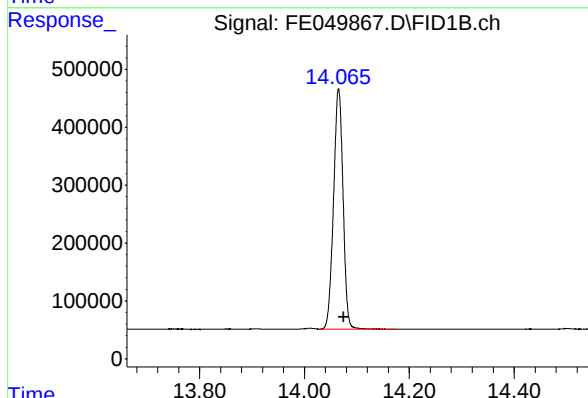
APPROVED

Reviewed By :Yogesh Patel 09/03/2024
Supervised By :Ankita Jodhani 09/03/2024



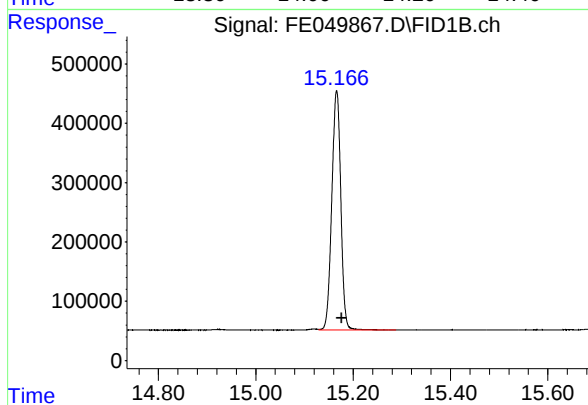
#12 1-chlorooctadecane (SURR)

R.T.: 13.313 min
Delta R.T.: -0.011 min
Response: 3495153
Conc: 28.65 ug/ml



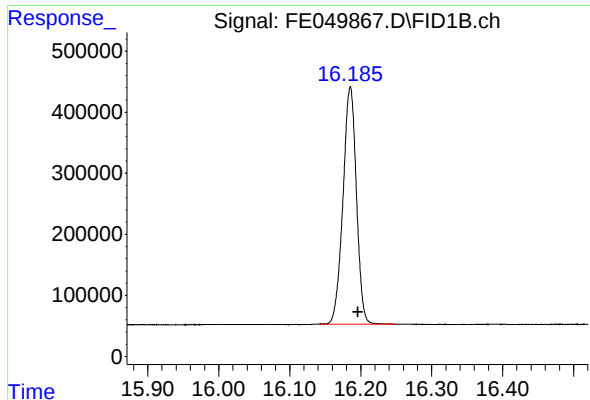
#13 n-Docosane (C22)

R.T.: 14.065 min
Delta R.T.: -0.010 min
Response: 5239022
Conc: 35.94 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.166 min
Delta R.T.: -0.011 min
Response: 5185650
Conc: 35.65 ug/ml



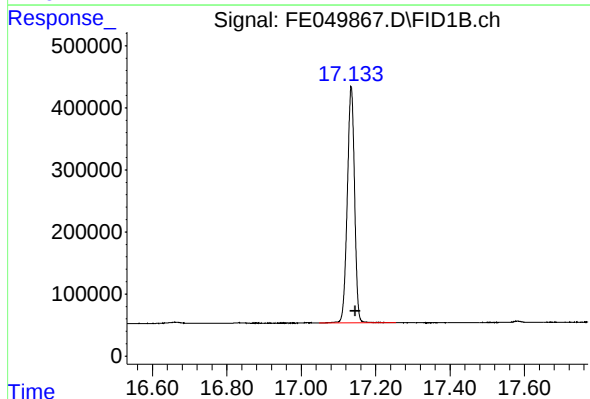
#15 n-Hexacosane (C26)

R.T.: 16.185 min
Delta R.T.: -0.011 min
Response: 5107411
Conc: 35.39 ug/ml

Instrument :
FID_E
ClientSampleId :
PB163095BSD

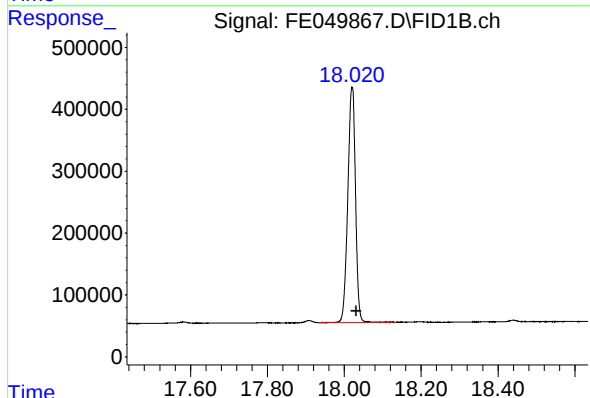
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/03/2024
Supervised By :Ankita Jodhani 09/03/2024



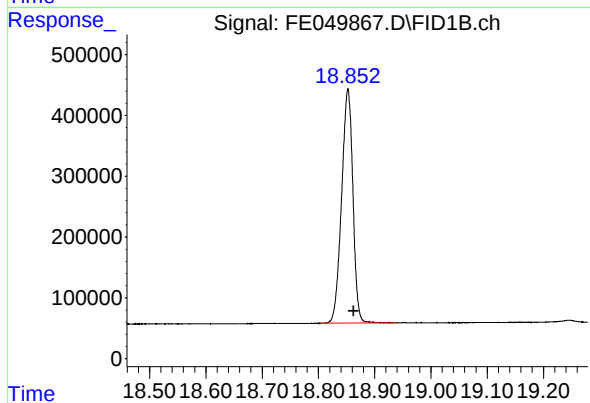
#16 n-Octacosane (C28)

R.T.: 17.134 min
Delta R.T.: -0.011 min
Response: 5171922
Conc: 35.91 ug/ml



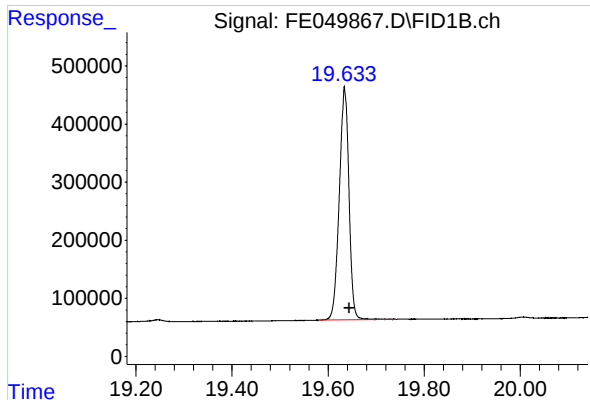
#17 n-Tricontane (C30)

R.T.: 18.020 min
Delta R.T.: -0.011 min
Response: 5299261
Conc: 35.40 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.852 min
Delta R.T.: -0.010 min
Response: 5370031
Conc: 35.50 ug/ml



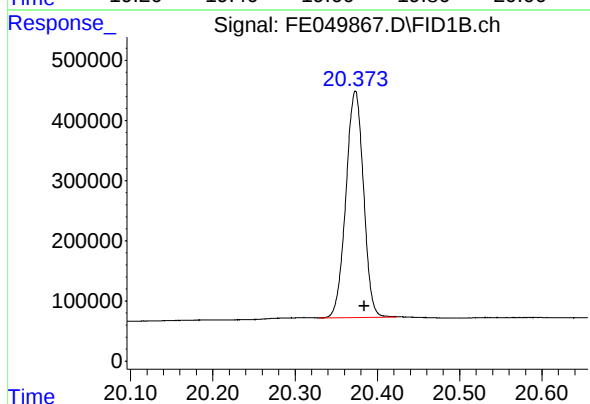
#19 n-Tetratriacontane (C34)

R.T.: 19.634 min
Delta R.T.: -0.010 min
Response: 5601141
Conc: 36.64 ug/ml

Instrument :
FID_E
ClientSampleId :
PB163095BSD

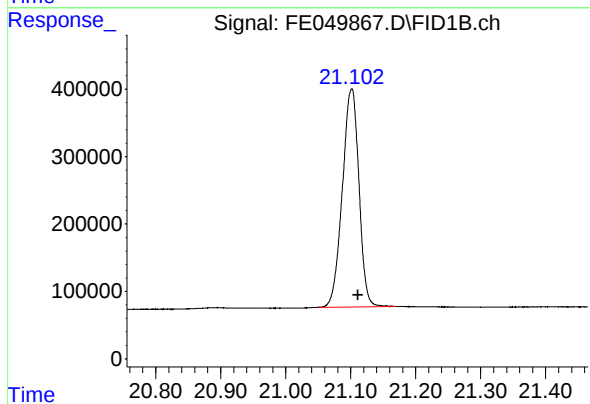
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/03/2024
Supervised By :Ankita Jodhani 09/03/2024



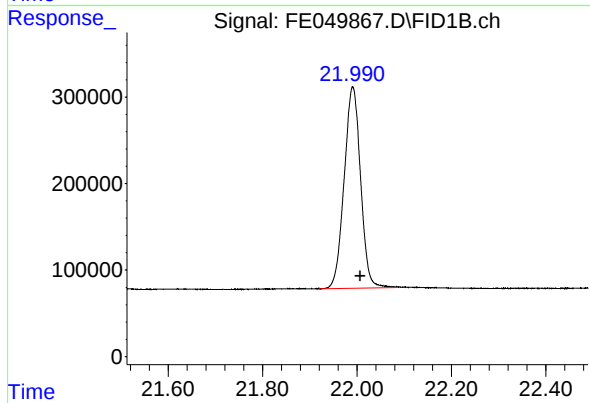
#20 n-Hexatriacontane (C36)

R.T.: 20.373 min
Delta R.T.: -0.010 min
Response: 5593504
Conc: 36.84 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.101 min
Delta R.T.: -0.010 min
Response: 5747850
Conc: 36.62 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.990 min
Delta R.T.: -0.017 min
Response: 5611508
Conc: 36.75 ug/ml m